

Cover Page

Order ID : Q1542

Project ID : 248 Union St., Lodi

Client : Sciacca General Contractors, LLC

Lab Sample Number

Q1542-01
Q1542-02
Q1542-03
Q1542-04
Q1542-05
Q1542-06
Q1542-07
Q1542-08

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: 3/17/2025

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 #: Q1542

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 Custody

✓

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: PRADIP PRAJAPATI

Date: 03/17/2025

LAB CHRONICLE

OrderID:	Q1542	OrderDate:	3/11/2025 11:00:00 AM
Client:	Sciacca General Contractors, LLC	Project:	248 Union St., Lodi
Contact:	Rosanne Scirica	Location:	--Select--,F11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1542-02	VOC	SOIL	VOC-TCLVOA-10	8260D	03/10/25		03/13/25	03/11/25



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q1542

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.: Q1542

Client: Sciacca General Contractors, LLC

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1542-02	VOC	1,2-Dichloroethane-d4	50	55.1	110	70 (63)	130 (155)
		Dibromofluoromethane	50	53.0	106	70 (70)	130 (134)
		Toluene-d8	50	47.7	95	70 (74)	130 (123)
		4-Bromofluorobenzene	50	37.6	75	70 (38)	130 (136)
VY0313SBL01	VY0313SBL01	1,2-Dichloroethane-d4	50	59.2	118	70 (63)	130 (155)
		Dibromofluoromethane	50	51.6	103	70 (70)	130 (134)
		Toluene-d8	50	49.0	98	70 (74)	130 (123)
		4-Bromofluorobenzene	50	43.9	88	70 (38)	130 (136)
VY0313SBS01	VY0313SBS01	1,2-Dichloroethane-d4	50	54.2	108	70 (63)	130 (155)
		Dibromofluoromethane	50	53.3	107	70 (70)	130 (134)
		Toluene-d8	50	53.7	107	70 (74)	130 (123)
		4-Bromofluorobenzene	50	52.5	105	70 (38)	130 (136)
VY0313SBSD01	VY0313SBSD01	1,2-Dichloroethane-d4	50	58.5	117	70 (63)	130 (155)
		Dibromofluoromethane	50	57.6	115	70 (70)	130 (134)
		Toluene-d8	50	56.6	113	70 (74)	130 (123)
		4-Bromofluorobenzene	50	56.8	114	70 (38)	130 (136)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1542

Client: Sciaccia General Contractors, LLC

Analytical Method: SW8260D

Datafile : VY021518.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0313SBS01	Dichlorodifluoromethane	20	16.5	ug/Kg	83			40 (64)	160 (136)	
	Chloromethane	20	19.2	ug/Kg	96			40 (70)	160 (130)	
	Vinyl chloride	20	19.0	ug/Kg	95			70 (72)	130 (129)	
	Bromomethane	20	19.7	ug/Kg	99			40 (58)	160 (141)	
	Chloroethane	20	21.4	ug/Kg	107			40 (69)	160 (130)	
	Trichlorofluoromethane	20	20.4	ug/Kg	102			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	18.1	ug/Kg	91			70 (81)	130 (123)	
	1,1-Dichloroethene	20	18.0	ug/Kg	90			70 (79)	130 (121)	
	Acetone	100	140	ug/Kg	140			40 (60)	160 (131)	
	Carbon disulfide	20	17.1	ug/Kg	86			40 (45)	160 (154)	
	Methyl tert-butyl Ether	20	17.2	ug/Kg	86			70 (77)	130 (129)	
	Methyl Acetate	20	18.3	ug/Kg	92			70 (69)	130 (149)	
	Methylene Chloride	20	19.1	ug/Kg	96			70 (56)	130 (174)	
	trans-1,2-Dichloroethene	20	18.1	ug/Kg	91			70 (80)	130 (123)	
	1,1-Dichloroethane	20	19.2	ug/Kg	96			70 (82)	130 (123)	
	Cyclohexane	20	16.8	ug/Kg	84			70 (76)	130 (122)	
	2-Butanone	100	110	ug/Kg	110			40 (69)	160 (131)	
	Carbon Tetrachloride	20	18.1	ug/Kg	91			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	18.7	ug/Kg	94			70 (82)	130 (123)	
	Bromochloromethane	20	19.5	ug/Kg	98			70 (80)	130 (127)	
	Chloroform	20	19.2	ug/Kg	96			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	19.1	ug/Kg	96			70 (80)	130 (126)	
	Methylcyclohexane	20	16.4	ug/Kg	82			70 (77)	130 (123)	
	Benzene	20	18.4	ug/Kg	92			70 (84)	130 (121)	
	1,2-Dichloroethane	20	18.1	ug/Kg	91			70 (81)	130 (126)	
	Trichloroethene	20	18.7	ug/Kg	94			70 (83)	130 (122)	
	1,2-Dichloropropane	20	18.6	ug/Kg	93			70 (83)	130 (122)	
	Bromodichloromethane	20	18.8	ug/Kg	94			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	85.1	ug/Kg	85			40 (70)	160 (135)	
	Toluene	20	18.4	ug/Kg	92			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	17.7	ug/Kg	89			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	17.6	ug/Kg	88			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	17.9	ug/Kg	90			70 (82)	130 (125)	
	2-Hexanone	100	99.5	ug/Kg	100			40 (66)	160 (138)	
	Dibromochloromethane	20	17.9	ug/Kg	90			70 (79)	130 (125)	
	1,2-Dibromoethane	20	17.8	ug/Kg	89			70 (80)	130 (125)	
	Tetrachloroethene	20	20.8	ug/Kg	104			70 (83)	130 (125)	
	Chlorobenzene	20	17.9	ug/Kg	90			70 (84)	130 (122)	
	Ethyl Benzene	20	17.5	ug/Kg	88			70 (82)	130 (124)	
	m/p-Xylenes	40	36.1	ug/Kg	90			70 (83)	130 (124)	
	o-Xylene	20	17.7	ug/Kg	89			70 (83)	130 (123)	
	Styrene	20	17.9	ug/Kg	90			70 (82)	130 (124)	
	Bromoform	20	17.5	ug/Kg	88			70 (75)	130 (127)	
	Isopropylbenzene	20	17.0	ug/Kg	85			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	16.2	ug/Kg	81			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	17.4	ug/Kg	87			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	17.7	ug/Kg	89			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	17.5	ug/Kg	88			70 (83)	130 (124)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1542

Client: Sciacca General Contractors, LLC

Analytical Method: SW8260D

Datafile : VY021518.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0313SBS01	1,2-Dibromo-3-Chloropropane	20	17.8	ug/Kg	89			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	16.4	ug/Kg	82			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	16.7	ug/Kg	84			70 (70)	130 (137)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1542

Client: Sciaccia General Contractors, LLC

Analytical Method: SW8260D

Datafile : VY021519.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0313SBSD01	Dichlorodifluoromethane	20	20.8	ug/Kg	104	22		40 (64)	160 (136)	30 (20)
	Chloromethane	20	22.8	ug/Kg	114	17		40 (70)	160 (130)	30 (20)
	Vinyl chloride	20	23.5	ug/Kg	117	21		70 (72)	130 (129)	30 (20)
	Bromomethane	20	22.7	ug/Kg	114	14		40 (58)	160 (141)	30 (20)
	Chloroethane	20	25.1	ug/Kg	126	16		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	23.2	ug/Kg	116	13		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	21.9	ug/Kg	110	19		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	21.7	ug/Kg	109	19		70 (79)	130 (121)	30 (20)
	Acetone	100	160	ug/Kg	160	13		40 (60)	160 (131)	30 (20)
	Carbon disulfide	20	20.1	ug/Kg	101	16		40 (45)	160 (154)	30 (20)
	Methyl tert-butyl Ether	20	22.1	ug/Kg	111	25		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	23.7	ug/Kg	119	26		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	22.3	ug/Kg	112	15		70 (56)	130 (174)	30 (20)
	trans-1,2-Dichloroethene	20	21.3	ug/Kg	106	15		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	22.5	ug/Kg	113	16		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	19.9	ug/Kg	100	17		70 (76)	130 (122)	30 (20)
	2-Butanone	100	140	ug/Kg	140	24		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	21.9	ug/Kg	110	19		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	22.3	ug/Kg	112	17		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	21.4	ug/Kg	107	9		70 (80)	130 (127)	30 (20)
	Chloroform	20	22.8	ug/Kg	114	17		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	22.1	ug/Kg	111	14		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	20.0	ug/Kg	100	20		70 (77)	130 (123)	30 (20)
	Benzene	20	22.2	ug/Kg	111	19		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	22.4	ug/Kg	112	21		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	21.9	ug/Kg	110	16		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	22.4	ug/Kg	112	19		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	22.8	ug/Kg	114	19		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	120	ug/Kg	120	34	*	40 (70)	160 (135)	30 (20)
	Toluene	20	22.2	ug/Kg	111	19		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	22.2	ug/Kg	111	22		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	22.3	ug/Kg	112	24		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	22.4	ug/Kg	112	22		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	130	ug/Kg	130	26		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	22.7	ug/Kg	114	24		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	22.3	ug/Kg	112	23		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	25.9	ug/Kg	130	22		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	21.8	ug/Kg	109	19		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	21.3	ug/Kg	106	19		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	43.5	ug/Kg	109	19		70 (83)	130 (124)	30 (20)
	o-Xylene	20	21.3	ug/Kg	106	17		70 (83)	130 (123)	30 (20)
	Styrene	20	22.1	ug/Kg	111	21		70 (82)	130 (124)	30 (20)
	Bromoform	20	22.4	ug/Kg	112	24		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	20.7	ug/Kg	104	20		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	21.1	ug/Kg	106	27		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	21.3	ug/Kg	106	20		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	21.3	ug/Kg	106	17		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	22.0	ug/Kg	110	22		70 (83)	130 (124)	30 (20)

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1542

Client: Sciacca General Contractors, LLC

Analytical Method: SW8260D

Datafile : VY021519.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0313SBSD01	1,2-Dibromo-3-Chloropropane	20	21.1	ug/Kg	106	17		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	21.6	ug/Kg	108	27		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	21.0	ug/Kg	105	22		70 (70)	130 (137)	30 (20)

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0313SBL01

Lab Name: CHEMTECH

Contract: SCIA01

Lab Code: CHEM Case No.: Q1542

SAS No.: Q1542 SDG NO.: Q1542

Lab File ID: VY021517.D

Lab Sample ID: VY0313SBL01

Date Analyzed: 03/13/2025

Time Analyzed: 11:27

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
VY0313SBS01	VY0313SBS01	VY021518.D	03/13/2025
VY0313SBSD01	VY0313SBSD01	VY021519.D	03/13/2025
VOC	Q1542-02	VY021522.D	03/13/2025

COMMENTS: _____



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCIA01
Lab Code: CHEM Case No.: Q1542 SAS No.: Q1542 SDG NO.: Q1542
Lab File ID: VY021395.D BFB Injection Date: 03/04/2025
Instrument ID: MSVOA_Y BFB Injection Time: 08:52
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	20.6
75	30.0 - 60.0% of mass 95	54.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.4 (1.8) 1
174	50.0 - 100.0% of mass 95	77.8
175	5.0 - 9.0% of mass 174	6.6 (8.4) 1
176	95.0 - 101.0% of mass 174	75.7 (97.2) 1
177	5.0 - 9.0% of mass 176	5 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC010	VSTDIC010	VY021397.D	03/04/2025	09:46
VSTDIC020	VSTDIC020	VY021398.D	03/04/2025	10:09
VSTDIC050	VSTDIC050	VY021399.D	03/04/2025	10:30
VSTDIC100	VSTDIC100	VY021400.D	03/04/2025	11:06
VSTDIC150	VSTDIC150	VY021401.D	03/04/2025	11:29
VSTDIC005	VSTDIC005	VY021403.D	03/04/2025	12:15



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCIA01
Lab Code: CHEM Case No.: Q1542 SAS No.: Q1542 SDG NO.: Q1542
Lab File ID: VY021515.D BFB Injection Date: 03/13/2025
Instrument ID: MSVOA_Y BFB Injection Time: 09:58
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	20.7
75	30.0 - 60.0% of mass 95	52.9
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	1.4 (1.7) 1
174	50.0 - 100.0% of mass 95	81.5
175	5.0 - 9.0% of mass 174	6.3 (7.8) 1
176	95.0 - 101.0% of mass 174	77.9 (95.6) 1
177	5.0 - 9.0% of mass 176	5.2 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY021516.D	03/13/2025	10:31
VY0313SBL01	VY0313SBL01	VY021517.D	03/13/2025	11:27
VY0313SBS01	VY0313SBS01	VY021518.D	03/13/2025	12:13
VY0313SBSD01	VY0313SBSD01	VY021519.D	03/13/2025	12:35
VOC	Q1542-02	VY021522.D	03/13/2025	13:58

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCIA01
 Lab Code: CHEM Case No.: Q1542 SAS No.: Q1542 SDG NO.: Q1542
 Lab File ID: VY021516.D Date Analyzed: 03/13/2025
 Instrument ID: MSVOA_Y Time Analyzed: 10:31
 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	202933	7.71	311585	8.62	288548	11.41
UPPER LIMIT	405866	8.207	623170	9.116	577096	11.914
LOWER LIMIT	101467	7.207	155793	8.116	144274	10.914
EPA SAMPLE NO.						
VOC	135626	7.71	228055	8.62	188696	11.41
VY0313SBL01	239160	7.71	443031	8.62	398087	11.41
VY0313SBS01	202139	7.71	319039	8.62	282466	11.42
VY0313SBSD01	190559	7.71	296797	8.62	261921	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.: Q1542 SAS No.: Q1542 SDG NO.: Q1542
 Lab File ID: VY021516.D Date Analyzed: 03/13/2025
 Instrument ID: MSVOA_Y Time Analyzed: 10:31
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	154472	13.346				
UPPER LIMIT	308944	13.846				
LOWER LIMIT	77236	12.846				
EPA SAMPLE NO.						
VOC	65866 *	13.35				
VY0313SBL01	156172	13.35				
VY0313SBS01	145688	13.35				
VY0313SBSD01	136724	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:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	VOC	SDG No.:	Q1542
Lab Sample ID:	Q1542-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	86.1
Sample Wt/Vol:	5.02 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
VY021522.D	1		03/13/25 13:58	Vy031325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	1.30	5.80	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.80	ug/Kg
75-01-4	Vinyl Chloride	0.91	U	0.91	5.80	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.80	ug/Kg
75-00-3	Chloroethane	1.50	U	1.50	5.80	ug/Kg
75-69-4	Trichlorofluoromethane	1.40	U	1.40	5.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.80	ug/Kg
75-35-4	1,1-Dichloroethene	1.20	U	1.20	5.80	ug/Kg
67-64-1	Acetone	5.50	U	5.50	28.9	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.84	U	0.84	5.80	ug/Kg
79-20-9	Methyl Acetate	1.80	U	1.80	5.80	ug/Kg
75-09-2	Methylene Chloride	4.10	U	4.10	11.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.99	U	0.99	5.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.93	U	0.93	5.80	ug/Kg
110-82-7	Cyclohexane	0.91	U	0.91	5.80	ug/Kg
78-93-3	2-Butanone	7.60	U	7.60	28.9	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.87	U	0.87	5.80	ug/Kg
74-97-5	Bromochloromethane	1.30	U	1.30	5.80	ug/Kg
67-66-3	Chloroform	0.97	U	0.97	5.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	5.80	ug/Kg
108-87-2	Methylcyclohexane	1.10	U	1.10	5.80	ug/Kg
71-43-2	Benzene	0.91	U	0.91	5.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.91	U	0.91	5.80	ug/Kg
79-01-6	Trichloroethene	0.94	U	0.94	5.80	ug/Kg
78-87-5	1,2-Dichloropropane	1.10	U	1.10	5.80	ug/Kg
75-27-4	Bromodichloromethane	0.90	U	0.90	5.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.10	U	4.10	28.9	ug/Kg
108-88-3	Toluene	0.90	U	0.90	5.80	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	03/10/25	
Project:	248 Union St., Lodi		Date Received:	03/11/25	
Client Sample ID:	VOC		SDG No.:	Q1542	
Lab Sample ID:	Q1542-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	86.1	
Sample Wt/Vol:	5.02	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
VY021522.D	1		03/13/25 13:58	Vy031325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.75	U	0.75	5.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.72	U	0.72	5.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.10	U	1.10	5.80	ug/Kg
591-78-6	2-Hexanone	4.30	U	4.30	28.9	ug/Kg
124-48-1	Dibromochloromethane	1.00	U	1.00	5.80	ug/Kg
106-93-4	1,2-Dibromoethane	1.00	U	1.00	5.80	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	5.80	ug/Kg
108-90-7	Chlorobenzene	1.10	U	1.10	5.80	ug/Kg
100-41-4	Ethyl Benzene	0.78	U	0.78	5.80	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	11.6	ug/Kg
95-47-6	o-Xylene	0.95	U	0.95	5.80	ug/Kg
100-42-5	Styrene	0.82	U	0.82	5.80	ug/Kg
75-25-2	Bromoform	0.99	U	0.99	5.80	ug/Kg
98-82-8	Isopropylbenzene	0.90	U	0.90	5.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1.40	5.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.00	U	2.00	5.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.80	U	1.80	5.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.70	U	1.70	5.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	2.10	5.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.40	U	3.40	5.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.70	U	3.70	5.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.1		70 (63) - 130 (155)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		70 (70) - 130 (134)	106%	SPK: 50
2037-26-5	Toluene-d8	47.7		70 (74) - 130 (123)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.6		70 (38) - 130 (136)	75%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	136000	7.707			
540-36-3	1,4-Difluorobenzene	228000	8.616			
3114-55-4	Chlorobenzene-d5	189000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	65900	13.347			

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	03/10/25
Project:	248 Union St., Lodi	Date Received:	03/11/25
Client Sample ID:	VOC	SDG No.:	Q1542
Lab Sample ID:	Q1542-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	86.1
Sample Wt/Vol:	5.02 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
VY021522.D	1		03/13/25 13:58	Vy031325

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\VY031325\
 Data File : VY021522.D
 Acq On : 13 Mar 2025 13:58
 Operator : SY/MD
 Sample : Q1542-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Mar 14 14:56:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	135626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	228055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	188696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	65866	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	79001	55.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.220%
35) Dibromofluoromethane	7.628	113	79482	53.022	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.040%
50) Toluene-d8	10.103	98	270863	47.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.408	95	72508	37.556	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.120%

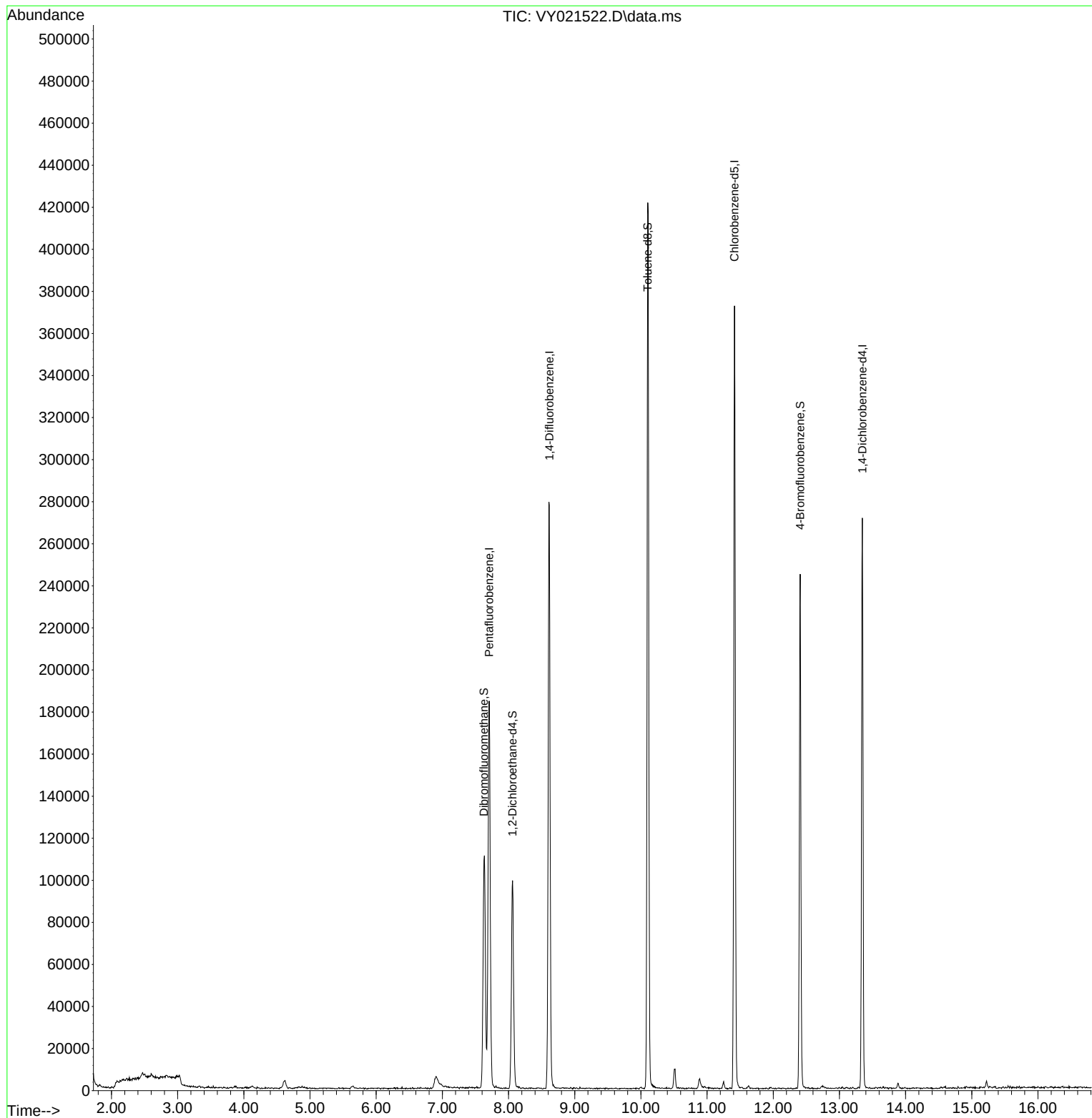
Target Compounds	Qvalue

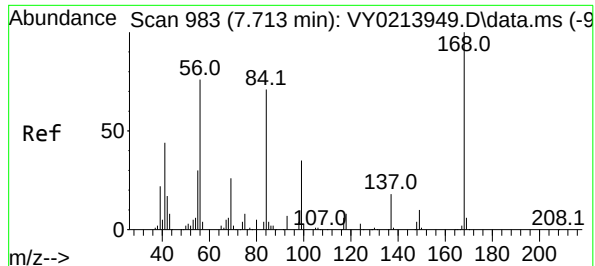
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021522.D
Acq On : 13 Mar 2025 13:58
Operator : SY/MD
Sample : Q1542-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Mar 14 14:56:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

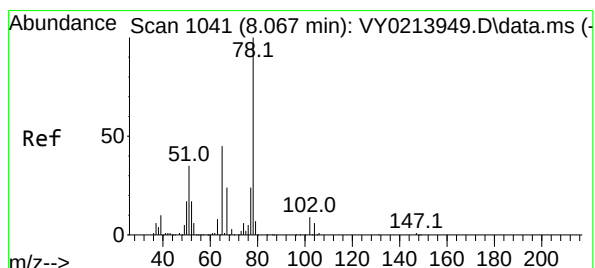
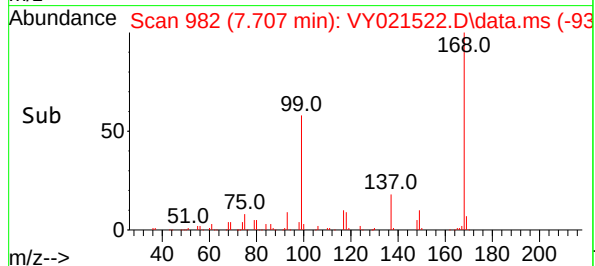
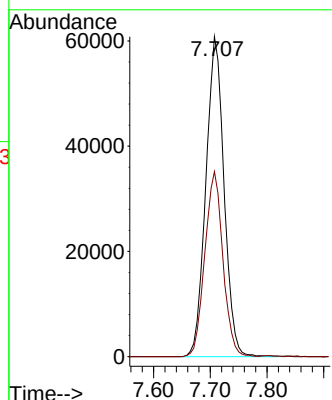
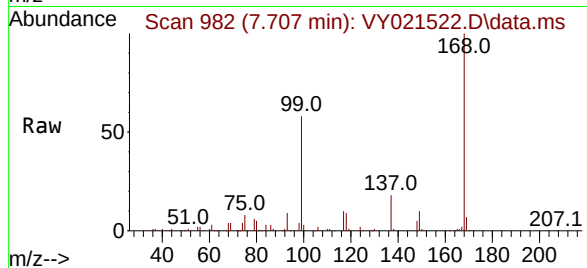




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021522.D
Acq: 13 Mar 2025 13:58

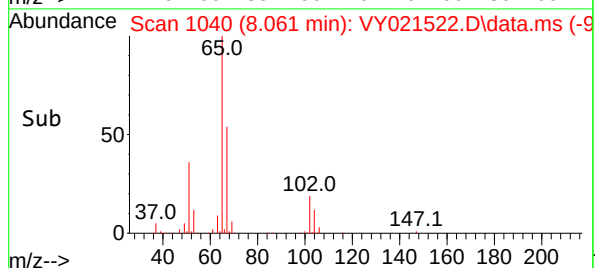
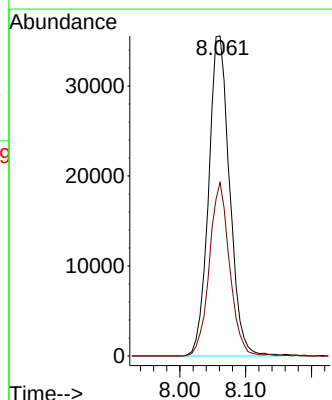
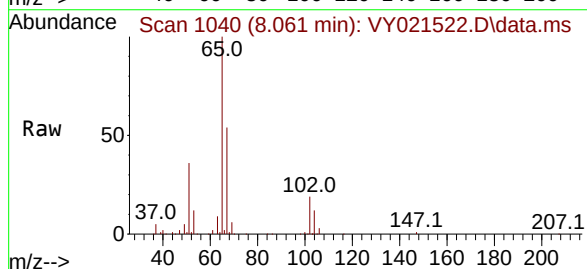
Instrument :
MSVOA_Y
ClientSampleId :
VOC

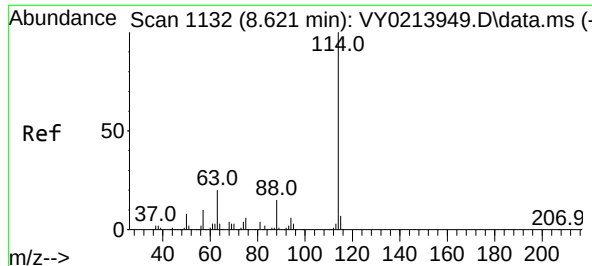
Tgt Ion:168 Resp: 135626
Ion Ratio Lower Upper
168 100
99 57.9 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 55.111 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021522.D
Acq: 13 Mar 2025 13:58

Tgt Ion: 65 Resp: 79001
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021522.D

Acq: 13 Mar 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VOC

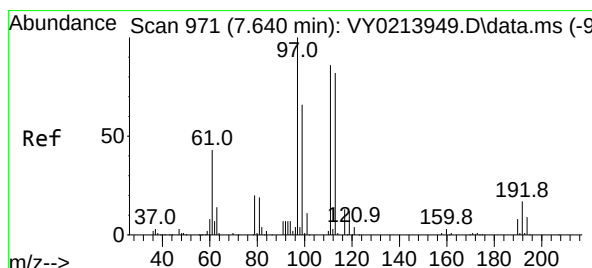
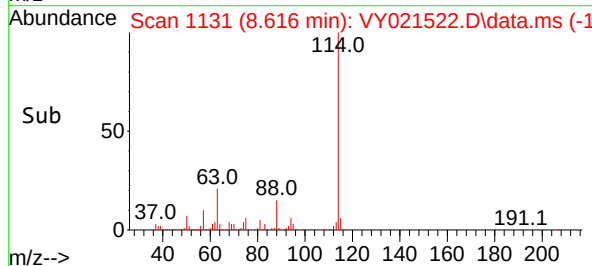
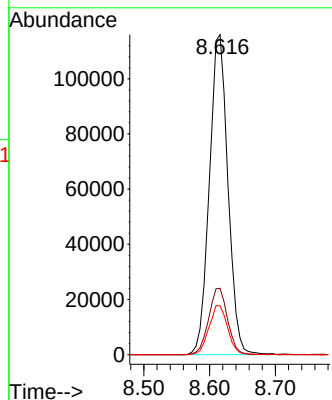
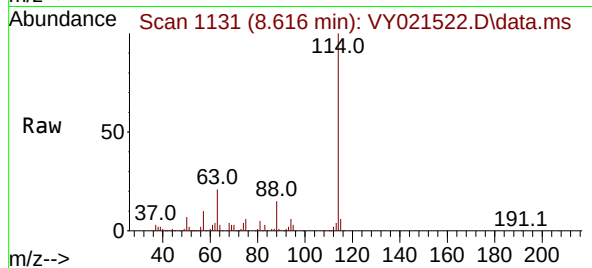
Tgt Ion:114 Resp: 228055

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 15.3 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.022 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.012 min

Lab File: VY021522.D

Acq: 13 Mar 2025 13:58

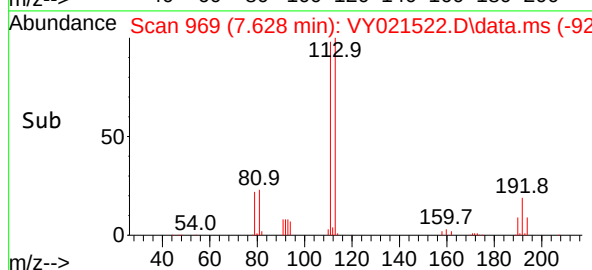
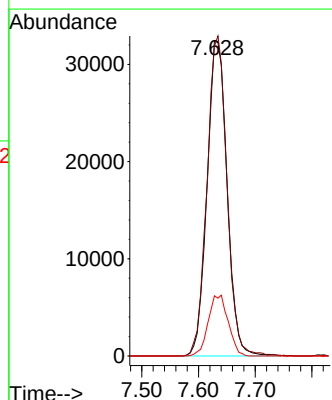
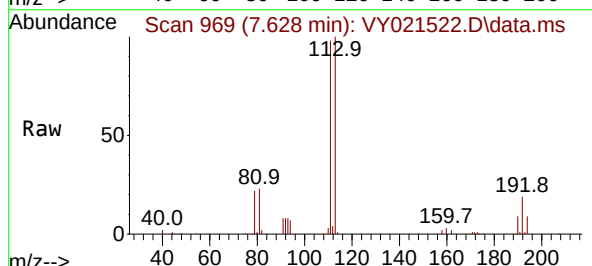
Tgt Ion:113 Resp: 79482

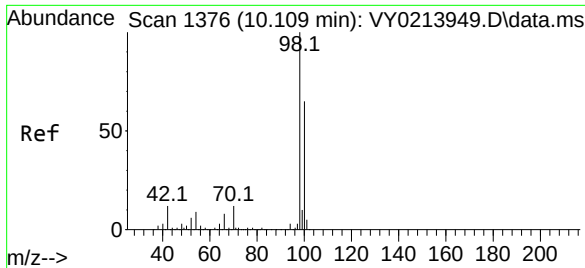
Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

192 19.2 15.9 23.9

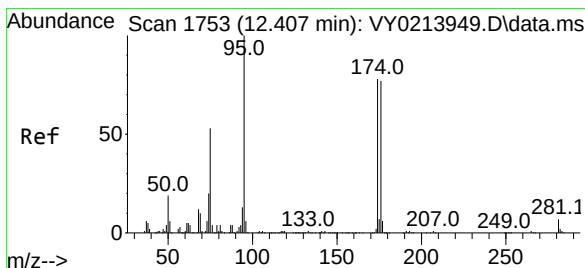
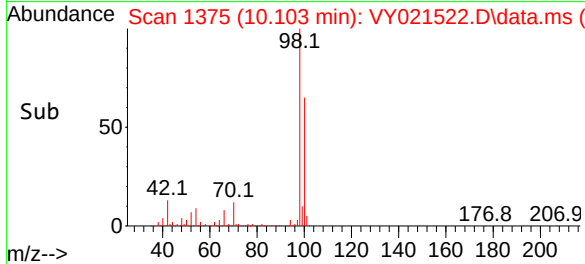
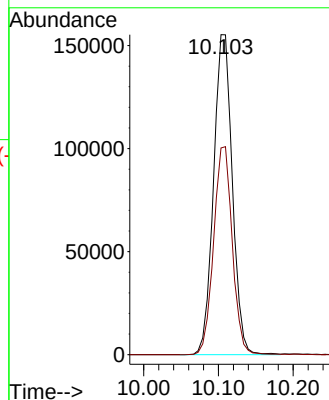
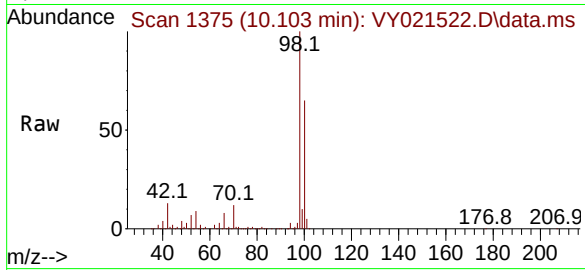




#50
Toluene-d8
Concen: 47.722 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021522.D
Acq: 13 Mar 2025 13:58

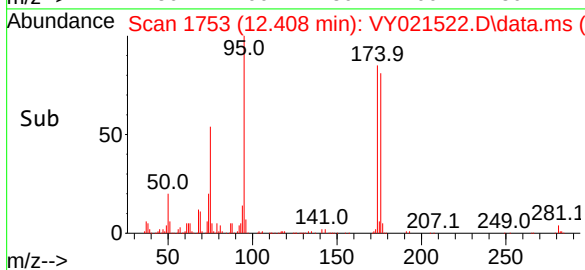
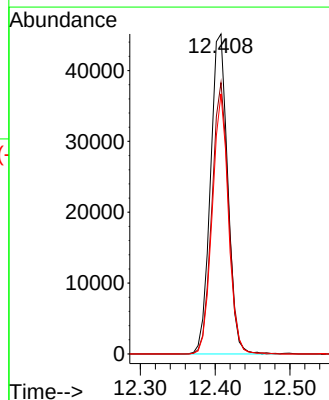
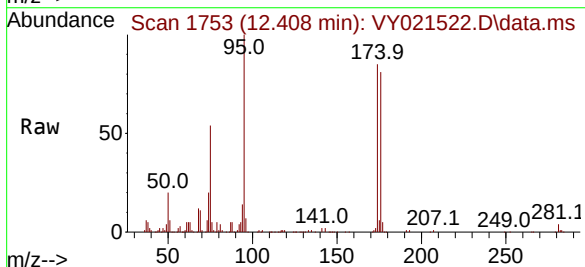
Instrument :
MSVOA_Y
ClientSampleId :
VOC

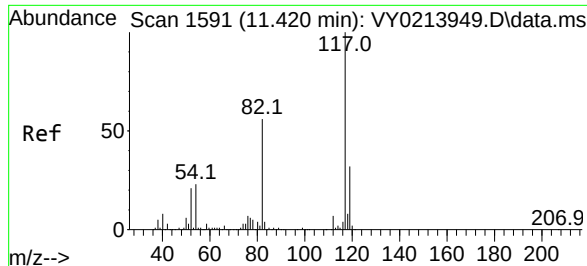
Tgt Ion: 98 Resp: 270863
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 37.556 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021522.D
Acq: 13 Mar 2025 13:58

Tgt Ion: 95 Resp: 72508
Ion Ratio Lower Upper
95 100
174 82.0 0.0 165.0
176 76.1 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021522.D

Acq: 13 Mar 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VOC

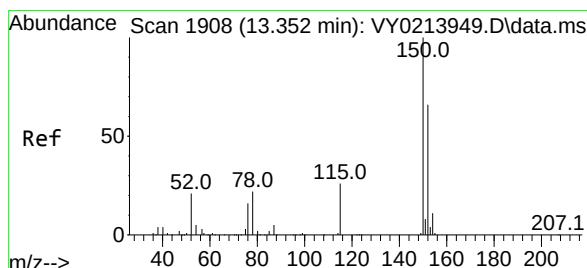
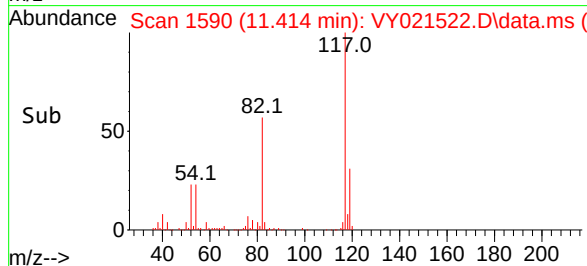
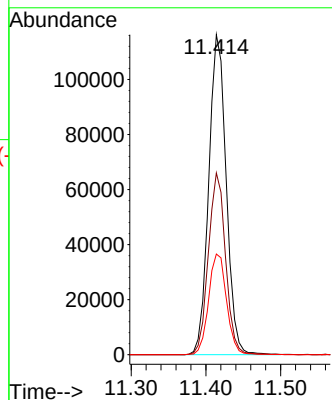
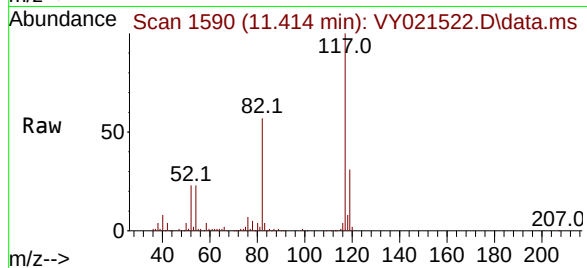
Tgt Ion:117 Resp: 188696

Ion Ratio Lower Upper

117 100

82 56.8 44.6 67.0

119 31.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021522.D

Acq: 13 Mar 2025 13:58

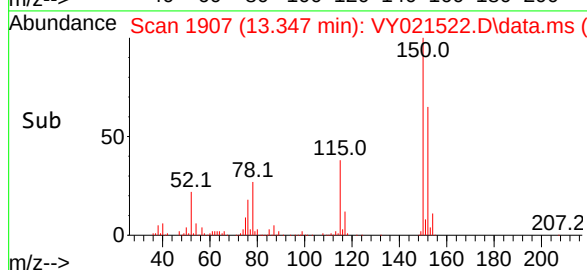
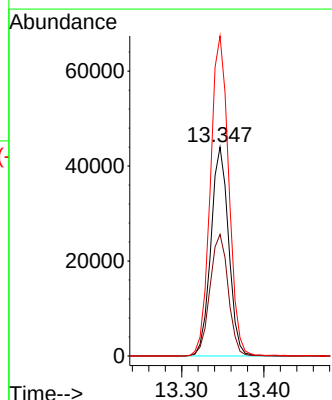
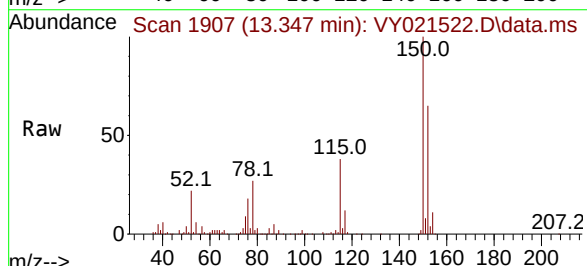
Tgt Ion:152 Resp: 65866

Ion Ratio Lower Upper

152 100

115 60.0 29.0 87.0

150 158.5 0.0 347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021522.D
 Acq On : 13 Mar 2025 13:58
 Operator : SY/MD
 Sample : Q1542-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M

Title : SW846 8260

Signal : TIC: VY021522.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.025	212	214	226	rVB4	4930	8983	1.22%	0.243%
2	4.623	466	476	484	rVB4	3842	11911	1.62%	0.322%
3	6.903	839	850	859	rBV3	5832	23513	3.19%	0.636%
4	7.634	960	970	976	rBV2	110322	270744	36.75%	7.325%
5	7.707	976	982	995	rVB	183801	413632	56.14%	11.190%
6	8.061	1031	1040	1052	rBV	98927	225379	30.59%	6.097%
7	8.610	1122	1130	1143	rBV	278930	556535	75.54%	15.057%
8	10.103	1367	1375	1385	rBV	421299	736737	100.00%	19.932%
9	10.518	1432	1443	1448	rBV3	9386	19043	2.58%	0.515%
10	10.890	1496	1504	1510	rBV4	4746	10870	1.48%	0.294%
11	11.414	1583	1590	1604	rBV	372224	604835	82.10%	16.363%
12	12.408	1746	1753	1762	rBV	244474	394680	53.57%	10.678%
13	13.347	1899	1907	1916	rBV	271102	419428	56.93%	11.347%

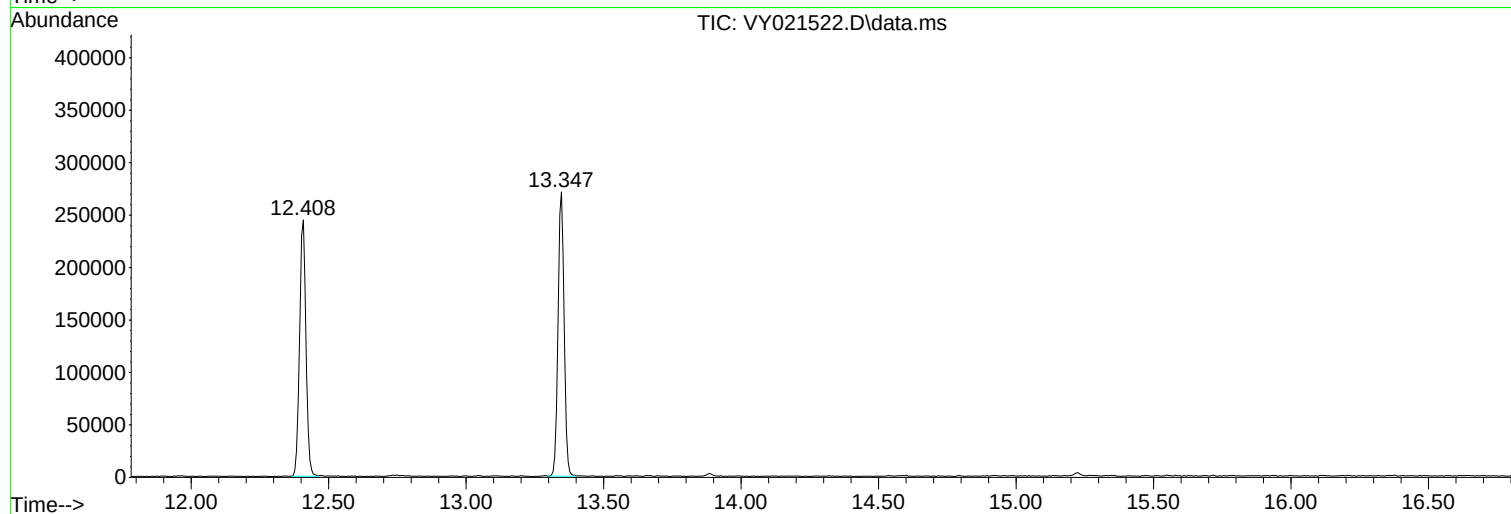
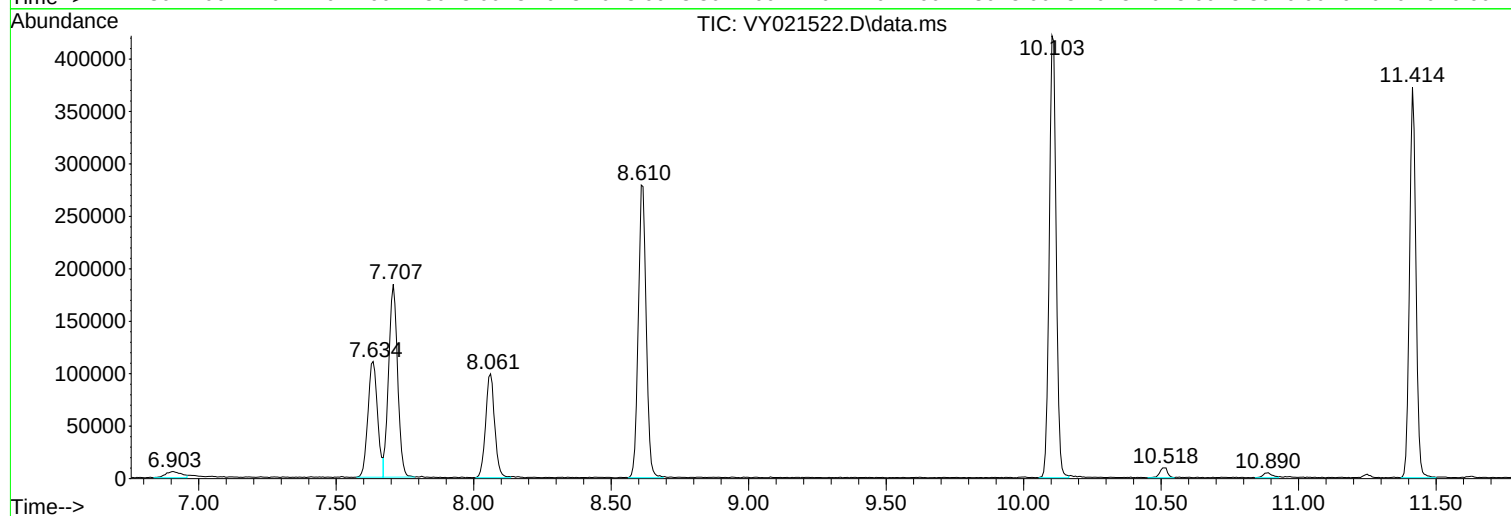
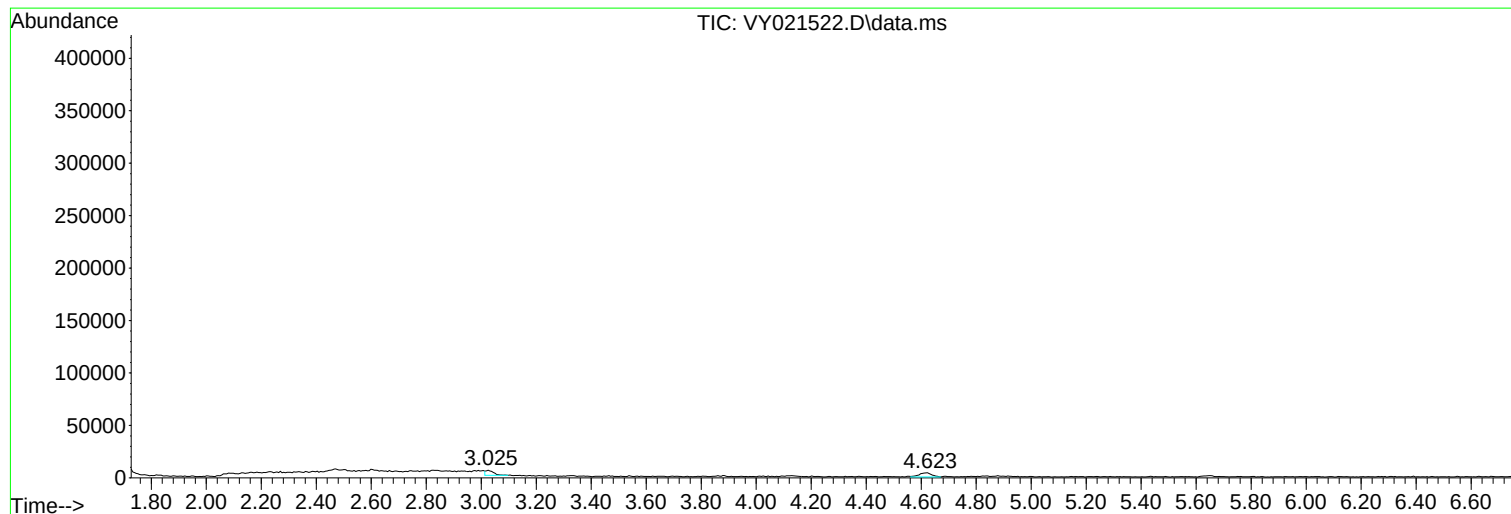
Sum of corrected areas: 3696290

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021522.D
Acq On : 13 Mar 2025 13:58
Operator : SY/MD
Sample : Q1542-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021522.D
Acq On : 13 Mar 2025 13:58
Operator : SY/MD
Sample : Q1542-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021522.D
Acq On : 13 Mar 2025 13:58
Operator : SY/MD
Sample : Q1542-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc



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.: Q1542 SAS No.: Q1542 SDG No.: Q1542
 Instrument ID: MSVOA_Y Calibration Date(s): 03/04/2025 03/04/2025
 Heated Purge: (Y/N) Y Calibration Time(s): 09:46 12:15
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:	RRF010 = VY021397.D			RRF020 = VY021398.D		RRF050 = VY021399.D			
	RRF100 = VY021400.D			RRF150 = VY021401.D		RRF005 = VY021403.D			
COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF150	RRF005	RRF	% RSD	
Dichlorodifluoromethane	0.493	0.416	0.447	0.440	0.429	0.529	0.459	9.4	
Chloromethane	0.694	0.588	0.617	0.608	0.580	0.793	0.647	12.7	
Vinyl Chloride	0.762	0.639	0.691	0.706	0.665	0.778	0.707	7.7	
Bromomethane	0.555	0.450	0.468	0.483	0.468	0.641	0.511	14.4	
Chloroethane	0.505	0.427	0.460	0.458	0.432	0.521	0.467	8.2	
Trichlorofluoromethane	1.050	0.896	0.967	0.963	0.935	1.109	0.987	8	
1,1,2-Trichlorotrifluoroethane	0.600	0.507	0.538	0.542	0.525	0.668	0.563	10.7	
1,1-Dichloroethene	0.542	0.460	0.506	0.512	0.494	0.566	0.514	7.2	
Acetone	0.124	0.091	0.134	0.103	0.095	0.144	0.115	18.9	
Carbon Disulfide	1.705	1.425	1.631	1.618	1.546	1.732	1.610	7	
Methyl tert-butyl Ether	1.290	1.177	1.366	1.299	1.315	1.364	1.302	5.3	
Methyl Acetate	0.253	0.227	0.284	0.245	0.257	0.268	0.256	7.6	
Methylene Chloride	0.717	0.538	0.552	0.530	0.507	0.788	0.605	19.4	
trans-1,2-Dichloroethene	0.608	0.516	0.564	0.570	0.545	0.648	0.575	8.1	
1,1-Dichloroethane	1.124	0.955	1.050	1.035	0.991	1.179	1.056	7.9	
Cyclohexane	1.039	0.885	0.941	0.943	0.914	1.216	0.990	12.4	
2-Butanone	0.160	0.136	0.181	0.149	0.151	0.180	0.159	11.2	
Carbon Tetrachloride	0.627	0.538	0.587	0.595	0.579	0.625	0.592	5.6	
cis-1,2-Dichloroethene	0.675	0.592	0.654	0.658	0.639	0.702	0.653	5.6	
Bromochloromethane	0.481	0.423	0.467	0.426	0.380	0.478	0.443	9	
Chloroform	1.181	0.992	1.087	1.066	1.029	1.222	1.096	8.1	
1,1,1-Trichloroethane	1.063	0.894	0.978	0.983	0.953	1.151	1.004	9	
Methylcyclohexane	0.595	0.550	0.651	0.680	0.669	0.641	0.631	7.8	
Benzene	1.554	1.366	1.542	1.540	1.473	1.618	1.515	5.7	
1,2-Dichloroethane	0.446	0.386	0.436	0.414	0.408	0.453	0.424	6.1	
Trichloroethene	0.390	0.349	0.381	0.384	0.378	0.415	0.383	5.5	
1,2-Dichloropropane	0.371	0.333	0.368	0.358	0.347	0.388	0.361	5.3	
Bromodichloromethane	0.550	0.485	0.548	0.535	0.521	0.559	0.533	5	
4-Methyl-2-Pentanone	0.210	0.202	0.263	0.230	0.243	0.219	0.228	9.9	
Toluene	0.952	0.853	0.988	0.997	0.958	0.983	0.955	5.6	

* 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.: Q1542 SAS No.: Q1542 SDG No.: Q1542
 Instrument ID: MSVOA_Y Calibration Date(s): 03/04/2025 03/04/2025
 Heated Purge: (Y/N) Y Calibration Time(s): 09:46 12:15
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF010 = VY021397.D		RRF020 = VY021398.D		RRF050 = VY021399.D			
		RRF100 = VY021400.D		RRF150 = VY021401.D		RRF005 = VY021403.D			
COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF150	RRF005	RRF	% RSD	
t-1,3-Dichloropropene	0.447	0.420	0.499	0.495	0.495	0.461	0.470	6.8	
cis-1,3-Dichloropropene	0.544	0.498	0.587	0.579	0.566	0.570	0.557	5.8	
1,1,2-Trichloroethane	0.264	0.237	0.283	0.259	0.257	0.274	0.263	6	
2-Hexanone	0.135	0.129	0.182	0.156	0.163	0.139	0.151	13.1	
Dibromochloromethane	0.358	0.327	0.376	0.363	0.361	0.374	0.360	4.9	
1,2-Dibromoethane	0.246	0.226	0.262	0.248	0.247	0.258	0.248	5.1	
Tetrachloroethene	0.418	0.370	0.403	0.407	0.393	0.449	0.407	6.5	
Chlorobenzene	1.194	1.065	1.186	1.192	1.165	1.283	1.181	5.9	
Ethyl Benzene	2.005	1.825	2.135	2.209	2.146	2.115	2.072	6.7	
m/p-Xylenes	0.761	0.705	0.822	0.833	0.803	0.797	0.787	6	
o-Xylene	0.700	0.635	0.759	0.779	0.754	0.723	0.725	7.2	
Styrene	1.133	1.084	1.277	1.306	1.267	1.151	1.203	7.6	
Bromoform	0.227	0.213	0.250	0.237	0.238	0.235	0.233	5.3	
Isopropylbenzene	3.797	3.468	4.034	4.231	4.124	3.977	3.939	6.9	
1,1,2,2-Tetrachloroethane	0.712	0.637	0.727	0.667	0.690	0.737	0.695	5.4	
1,3-Dichlorobenzene	1.861	1.640	1.812	1.840	1.822	2.031	1.834	6.8	
1,4-Dichlorobenzene	1.820	1.624	1.782	1.783	1.764	1.989	1.794	6.5	
1,2-Dichlorobenzene	1.561	1.431	1.588	1.568	1.560	1.723	1.572	5.9	
1,2-Dibromo-3-Chloropropane	0.101	0.092	0.108	0.098	0.108	0.117	0.104	8.3	
1,2,4-Trichlorobenzene	0.723	0.735	0.908	0.926	0.994	0.864	0.859	12.7	
1,2,3-Trichlorobenzene	0.604	0.614	0.775	0.771	0.835	0.734	0.722	13	
1,2-Dichloroethane-d4	0.580	0.514	0.482	0.511	0.477	0.606	0.528	10	
Dibromofluoromethane	0.348	0.315	0.296	0.332	0.311	0.371	0.329	8.3	
Toluene-d8	1.276	1.179	1.135	1.289	1.203	1.384	1.244	7.2	
4-Bromofluorobenzene	0.424	0.394	0.386	0.433	0.405	0.498	0.423	9.6	

* 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 : 82Y030425S.M
 Title : SW846 8260
 Last Update : Wed Mar 05 12:42:45 2025
 Response Via : Initial Calibration

Calibration Files

5 =VY021403.D 10 =VY021397.D 20 =VY021398.D 50 =VY021399.D 100 =VY021400.D 150 =VY021401.D

	Compound	5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.529	0.493	0.416	0.447	0.440	0.429	0.459	9.38
3) P	Chloromethane	0.793	0.694	0.588	0.617	0.608	0.580	0.647	12.70
4) C	Vinyl Chloride	0.778	0.762	0.639	0.691	0.706	0.665	0.707	7.70#
5) T	Bromomethane	0.641	0.555	0.450	0.468	0.483	0.468	0.511	14.40
6) T	Chloroethane	0.521	0.505	0.427	0.460	0.458	0.432	0.467	8.21
7) T	Trichlorofluor...	1.109	1.050	0.896	0.967	0.963	0.935	0.987	7.97
8) T	Diethyl Ether	0.301	0.280	0.249	0.283	0.264	0.263	0.273	6.77
9) T	1,1,2-Trichlor...	0.668	0.600	0.507	0.538	0.542	0.525	0.563	10.69
10) T	Methyl Iodide	0.492	0.562	0.515	0.632	0.628	0.606	0.573	10.39
11) T	Tert butyl alc...	0.061	0.049	0.036	0.038	0.030	0.033	0.041	28.30
12) CM	1,1-Dichloroet...	0.566	0.542	0.460	0.506	0.512	0.494	0.514	7.23#
13) T	Acrolein	0.054	0.051	0.043	0.005	0.004	0.004	0.027	92.94
14) T	Allyl chloride	0.883	0.851	0.744	0.842	0.847	0.813	0.830	5.72
15) T	Acrylonitrile	0.122	0.121	0.105	0.125	0.111	0.113	0.116	6.52
16) T	Acetone	0.144	0.124	0.091	0.134	0.103	0.095	0.115	18.92
17) T	Carbon Disulfide	1.732	1.705	1.425	1.631	1.618	1.546	1.610	6.95
18) T	Methyl Acetate	0.268	0.253	0.227	0.284	0.245	0.257	0.256	7.60
19) T	Methyl tert-bu...	1.364	1.289	1.177	1.366	1.299	1.315	1.302	5.30
20) T	Methylene Chlo...	0.788	0.717	0.538	0.552	0.530	0.507	0.605	19.37
21) T	trans-1,2-Dich...	0.648	0.608	0.516	0.564	0.570	0.545	0.575	8.12
22) T	Diisopropyl ether	1.846	1.824	1.675	1.851	1.798	1.738	1.789	3.87
23) T	Vinyl Acetate	1.014	0.996	0.937	1.110	1.032	1.035	1.021	5.55
24) P	1,1-Dichloroet...	1.179	1.124	0.955	1.050	1.035	0.991	1.056	7.88
25) T	2-Butanone	0.180	0.160	0.136	0.181	0.149	0.151	0.159	11.20
26) T	2,2-Dichloropr...	1.106	1.043	0.860	0.938	0.955	0.926	0.971	9.11
27) T	cis-1,2-Dichlo...	0.702	0.675	0.592	0.654	0.658	0.639	0.653	5.64
28) T	Bromochloromet...	0.478	0.481	0.423	0.467	0.426	0.380	0.443	8.99
29) T	Tetrahydrofuran	0.104	0.096	0.089	0.111	0.094	0.098	0.098	7.69
30) C	Chloroform	1.222	1.181	0.992	1.087	1.066	1.029	1.096	8.11#
31) T	Cyclohexane	1.216	1.039	0.885	0.941	0.943	0.914	0.990	12.38
32) T	1,1,1-Trichlor...	1.151	1.063	0.894	0.978	0.983	0.953	1.004	9.02
33) S	1,2-Dichloroet...	0.606	0.580	0.514	0.482	0.511	0.477	0.528	9.98
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.371	0.348	0.315	0.296	0.332	0.311	0.329	8.31
36) T	1,1-Dichloropr...	0.549	0.528	0.462	0.518	0.525	0.504	0.514	5.73
37) T	Ethyl Acetate	0.242	0.225	0.206	0.248	0.220	0.225	0.227	6.72
38) T	Carbon Tetrach...	0.625	0.627	0.538	0.587	0.595	0.579	0.592	5.56
39) T	Methylcyclohexane	0.641	0.595	0.550	0.651	0.680	0.669	0.631	7.84
40) TM	Benzene	1.618	1.554	1.366	1.542	1.540	1.473	1.515	5.71
41) T	Methacrylonitrile	0.122	0.132	0.104	0.131	0.129	0.124	0.124	8.53
42) TM	1,2-Dichloroet...	0.453	0.446	0.386	0.436	0.414	0.408	0.424	6.07
43) T	Isopropyl Acetate	0.456	0.421	0.386	0.483	0.442	0.461	0.441	7.75
44) TM	Trichloroethene	0.415	0.390	0.349	0.381	0.384	0.378	0.383	5.51
45) C	1,2-Dichloropr...	0.388	0.371	0.333	0.368	0.358	0.347	0.361	5.33#
46) T	Dibromomethane	0.208	0.202	0.185	0.212	0.198	0.198	0.201	4.75
47) T	Bromodichlorom...	0.559	0.550	0.485	0.548	0.535	0.521	0.533	5.05
48) T	Methyl methacr...	0.187	0.183	0.184	0.229	0.212	0.222	0.203	10.14
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	10.05
50) S	Toluene-d8	1.384	1.276	1.179	1.135	1.289	1.203	1.244	7.24
51) T	4-Methyl-2-Pen...	0.219	0.210	0.202	0.263	0.230	0.243	0.228	9.85
52) CM	Toluene	0.983	0.952	0.853	0.988	0.997	0.958	0.955	5.56#
53) T	t-1,3-Dichloro...	0.461	0.447	0.420	0.499	0.495	0.495	0.470	6.82
54) T	cis-1,3-Dichlo...	0.570	0.544	0.498	0.587	0.579	0.566	0.557	5.84
55) T	1,1,2-Trichlor...	0.274	0.264	0.237	0.283	0.259	0.257	0.263	5.99
56) T	Ethyl methacry...	0.291	0.293	0.289	0.383	0.367	0.386	0.335	14.50

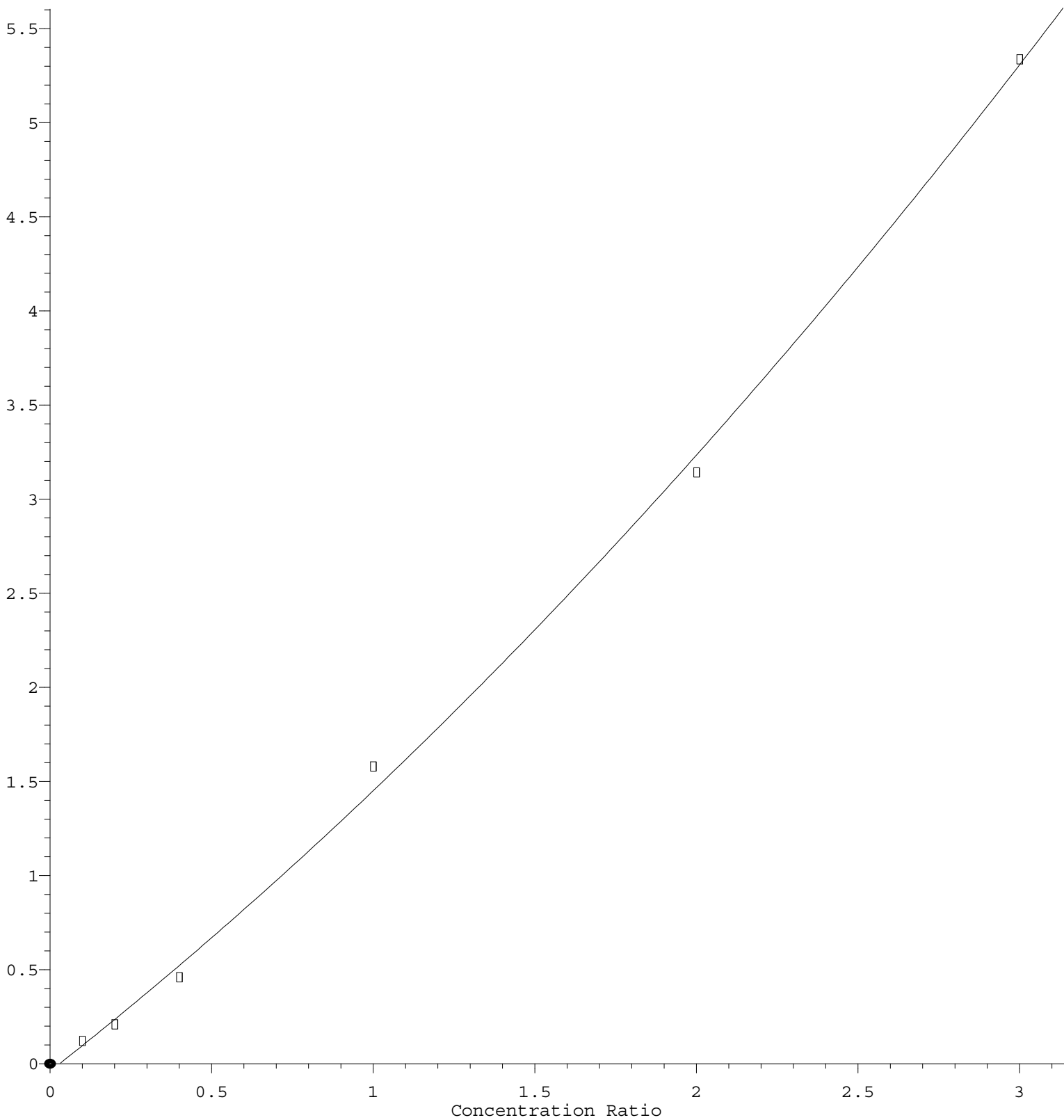
Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y030425S.M

57)	T	1,3-Dichloropr...	0.465	0.462	0.421	0.478	0.452	0.451	0.455	4.24
58)	T	2-Chloroethyl ...	0.136	0.135	0.139	0.174	0.162	0.181	0.155	13.30
59)	T	2-Hexanone	0.139	0.135	0.129	0.182	0.156	0.163	0.151	13.15
60)	T	Dibromochlorom...	0.374	0.358	0.327	0.376	0.363	0.361	0.360	4.92
61)	T	1,2-Dibromoethane	0.258	0.246	0.226	0.262	0.248	0.247	0.248	5.07
62)	S	4-Bromofluorob...	0.498	0.424	0.394	0.386	0.433	0.405	0.423	9.60
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.449	0.418	0.370	0.403	0.407	0.393	0.407	6.47
65)	PM	Chlorobenzene	1.283	1.194	1.065	1.186	1.192	1.165	1.181	5.93
66)	T	1,1,1,2-Tetrac...	0.449	0.420	0.377	0.421	0.423	0.414	0.417	5.61
67)	C	Ethyl Benzene	2.115	2.005	1.825	2.135	2.209	2.146	2.072	6.67#
68)	T	m/p-Xylenes	0.797	0.761	0.705	0.822	0.833	0.803	0.787	5.97
69)	T	o-Xylene	0.723	0.700	0.635	0.759	0.779	0.754	0.725	7.20
70)	T	Styrene	1.151	1.133	1.084	1.277	1.306	1.267	1.203	7.61
71)	P	Bromoform	0.235	0.227	0.213	0.250	0.237	0.238	0.233	5.28
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.977	3.797	3.468	4.034	4.231	4.124	3.939	6.93
74)	T	N-amyl acetate	0.765	0.746	0.743	0.950	0.925	1.003	0.855	13.67
75)	P	1,1,2,2-Tetrac...	0.737	0.712	0.637	0.727	0.667	0.690	0.695	5.44
76)	T	1,2,3-Trichlor...	0.627	0.523	0.430	0.491	0.488	0.464	0.504	13.47
77)	T	Bromobenzene	0.982	0.928	0.823	0.926	0.936	0.933	0.921	5.67
78)	T	n-propylbenzene	4.979	4.605	4.262	4.905	5.046	4.904	4.783	6.20
79)	T	2-Chlorotoluene	2.922	2.707	2.449	2.741	2.824	2.768	2.735	5.82
80)	T	1,3,5-Trimethy...	3.307	3.096	2.895	3.256	3.373	3.277	3.201	5.49
81)	T	trans-1,4-Dich...	0.213	0.214	0.193	0.238	0.229	0.243	0.222	8.31
82)	T	4-Chlorotoluene	2.991	2.866	2.534	2.849	2.931	2.824	2.832	5.59
83)	T	tert-Butylbenzene	2.890	2.771	2.493	2.924	3.096	2.959	2.855	7.23
84)	T	1,2,4-Trimethy...	3.241	3.006	2.901	3.274	3.353	3.294	3.178	5.70
85)	T	sec-Butylbenzene	4.457	3.977	3.848	4.358	4.471	4.380	4.248	6.29
86)	T	p-Isopropyltol...	3.547	3.237	3.132	3.591	3.761	3.732	3.500	7.42
87)	T	1,3-Dichlorobe...	2.031	1.861	1.640	1.812	1.840	1.822	1.834	6.80
88)	T	1,4-Dichlorobe...	1.989	1.820	1.624	1.782	1.783	1.764	1.794	6.54
89)	T	n-Butylbenzene	3.269	2.837	2.867	3.387	3.535	3.497	3.232	9.55
90)	T	Hexachloroethane	0.840	0.746	0.649	0.729	0.759	0.757	0.747	8.24
91)	T	1,2-Dichlorobe...	1.723	1.561	1.431	1.588	1.568	1.560	1.572	5.92
92)	T	1,2-Dibromo-3-...	0.117	0.101	0.092	0.108	0.098	0.108	0.104	8.28
93)	T	1,2,4-Trichlor...	0.864	0.723	0.735	0.908	0.926	0.994	0.859	12.66
94)	T	Hexachlorobuta...	0.581	0.469	0.480	0.551	0.567	0.582	0.538	9.41
95)	T	Naphthalene	1.214	1.048	1.148	1.580	1.571	1.779	1.390	21.00
96)	T	1,2,3-Trichlor...	0.734	0.604	0.614	0.775	0.771	0.835	0.722	12.99

(#) = Out of Range

Naphthalene

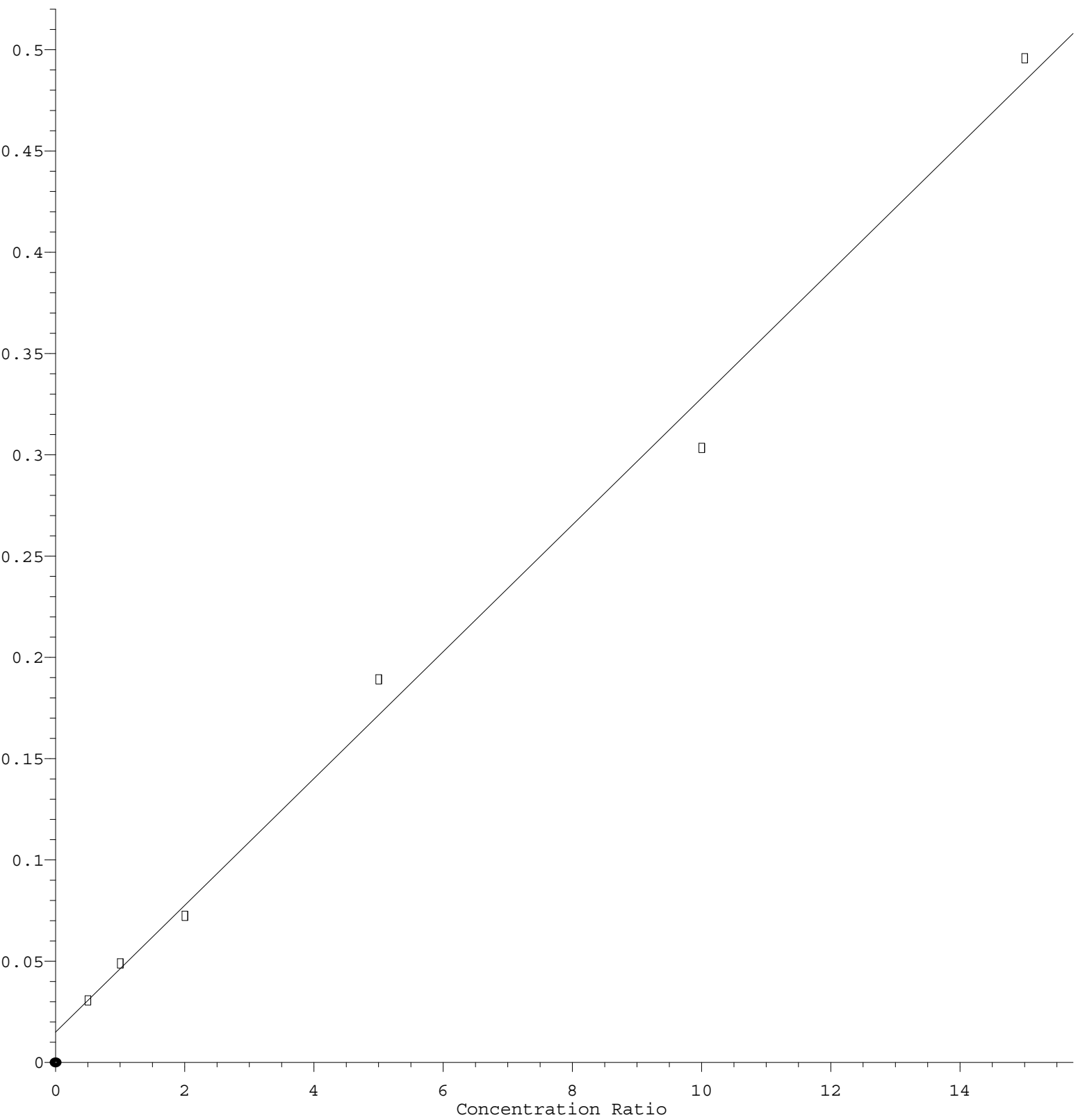
Response Ratio



$R = 1.461e-001 A^2 + 1.344e+000 A - 3.906e-002$
 Coef of Det (r^2) = 0.998562 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y030425S.M
 Calibration Table Last Updated: Wed Mar 05 12:42:45 2025

Tert butyl alcohol

Response Ratio



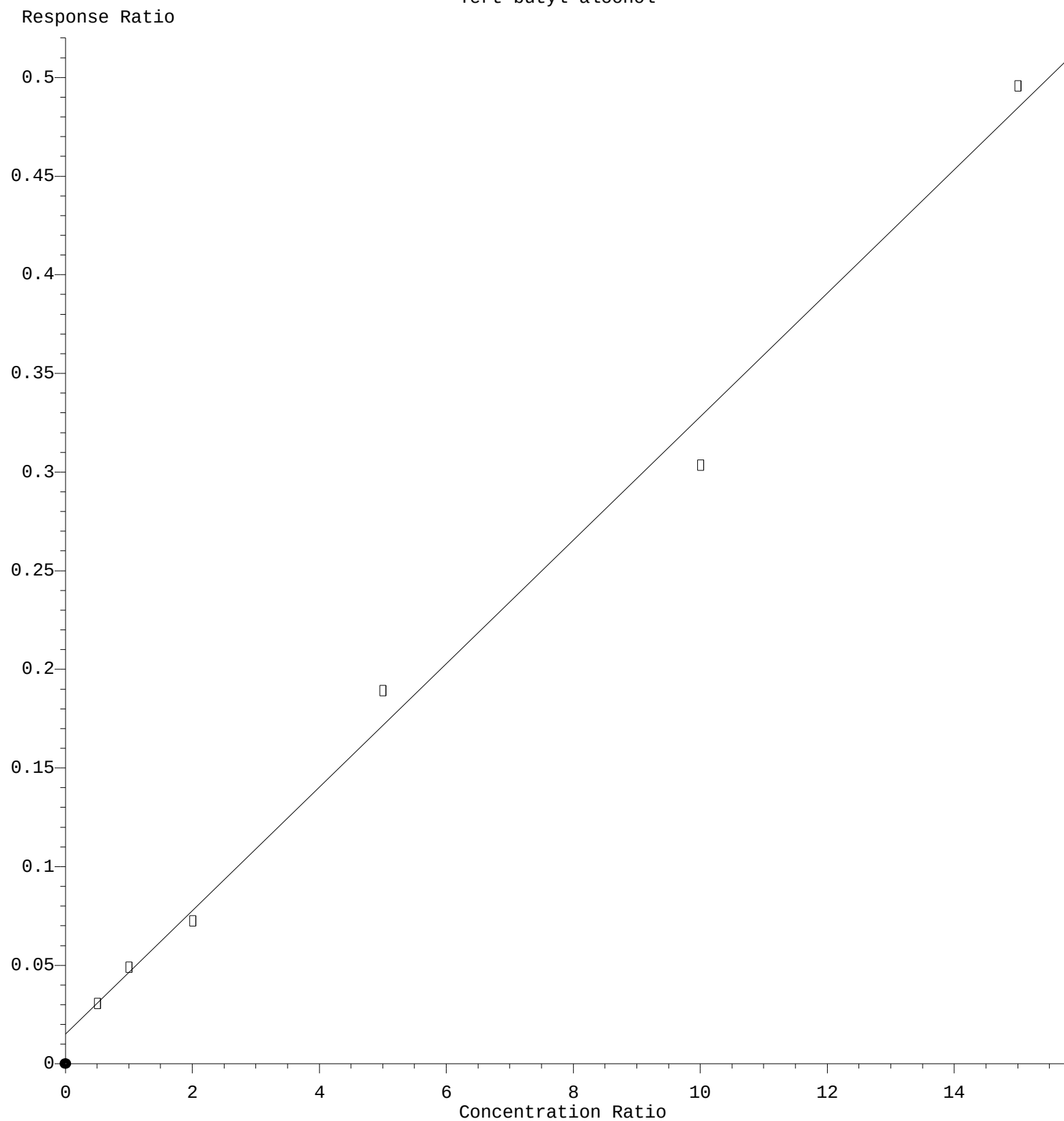
$$\text{Response} = 3.126\text{e-}002 * \text{Amt} + 1.549\text{e-}002$$

Coef of Det (r^2) = 0.993493 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y030425S.M

Calibration Table Last Updated: Wed Mar 05 12:42:45 2025

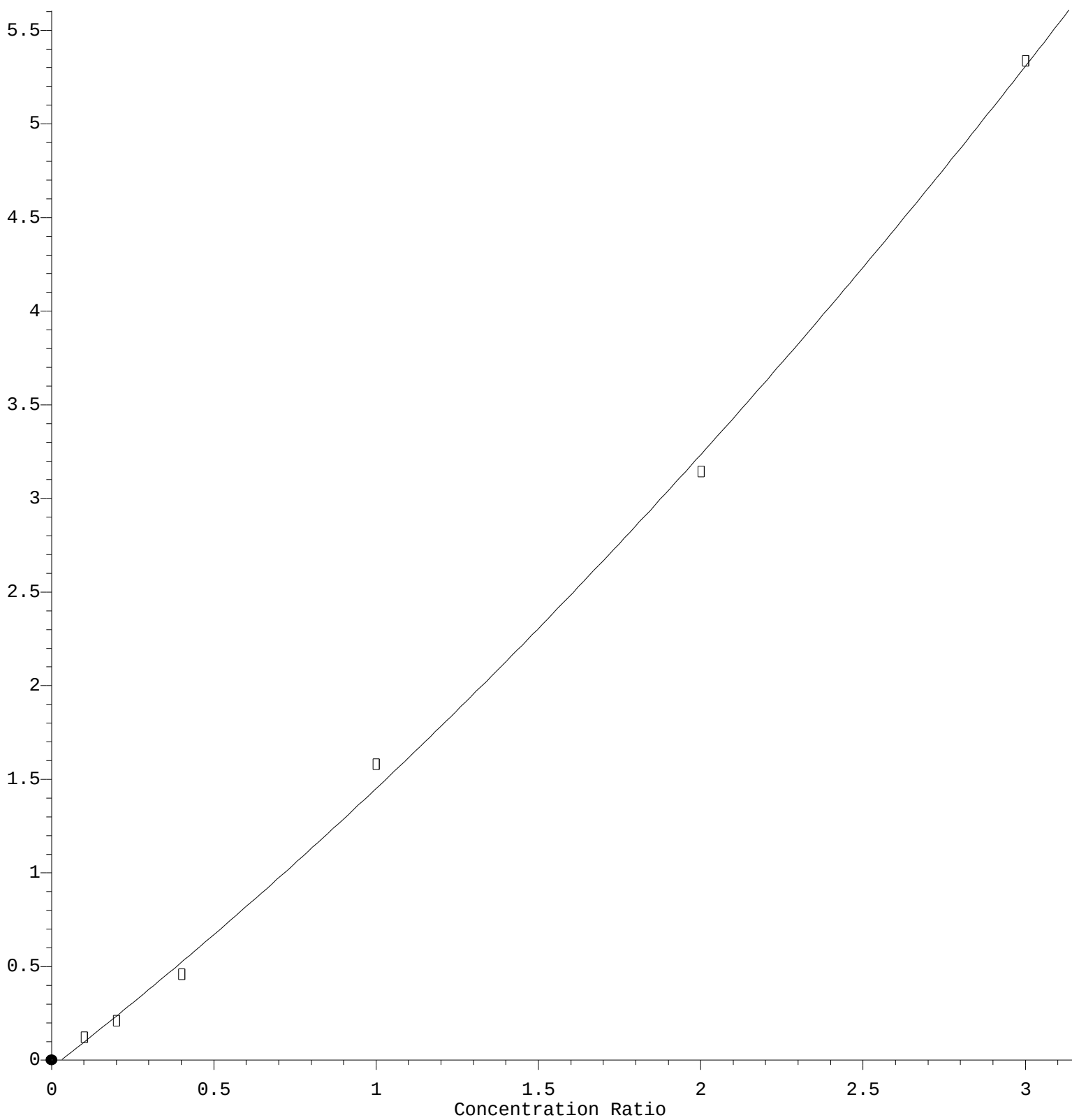
Tert butylalcohol



Response = $3.126 \times 10^{-2} \times \text{Amt} + 1.549 \times 10^{-2}$
 Coef of Det (r^2) = 0.993493 Curve Fit: Linear
 Method Name: Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Calibration Table Last Updated: Wed Mar 05 12:42:45 2025

Naphthalene

Response Ratio



$R = 1.461e-001 A^2 + 1.344e+000 A - 3.906e-002$
 Coef of Det (r^2) = 0.998562 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Calibration Table Last Updated: Wed Mar 05 12:42:45 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021397.D
 Acq On : 04 Mar 2025 09:46
 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 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:57:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	210415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	334495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	286225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	137839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	24408	10.975	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.960%#		
35) Dibromofluoromethane	7.640	113	23289	10.592	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.180%#		
50) Toluene-d8	10.109	98	85383	10.256	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.520%#		
62) 4-Bromofluorobenzene	12.407	95	28379	10.022	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.040%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	20733	10.737	ug/l	93
3) Chloromethane	2.074	50	29226	10.736	ug/l	100
4) Vinyl Chloride	2.208	62	32085	10.785	ug/l	95
5) Bromomethane	2.604	94	23372	10.870	ug/l	97
6) Chloroethane	2.744	64	21248	10.808	ug/l	95
7) Trichlorofluoromethane	3.067	101	44207	10.646	ug/l	97
8) Diethyl Ether	3.464	74	11802	10.256	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.823	101	25259	10.654	ug/l	98
10) Methyl Iodide	4.012	142	23638	9.809	ug/l	100
11) Tert butyl alcohol	4.872	59	10292m	53.545	ug/l	
12) 1,1-Dichloroethene	3.805	96	22821	10.558	ug/l	94
13) Acrolein	3.659	56	10792	95.404	ug/l	92
14) Allyl chloride	4.397	41	35815	10.253	ug/l	100
15) Acrylonitrile	5.073	53	25558	52.174	ug/l	99
16) Acetone	3.872	43	26021	53.644	ug/l	98
17) Carbon Disulfide	4.116	76	71755	10.593	ug/l	98
18) Methyl Acetate	4.397	43	10640	9.886	ug/l	95
19) Methyl tert-butyl Ether	5.128	73	54266	9.906	ug/l	99
20) Methylene Chloride	4.622	84	30170	11.849	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	25590	10.572	ug/l	90
22) Diisopropyl ether	6.030	45	76752	10.196	ug/l	96
23) Vinyl Acetate	5.969	43	209626	48.795	ug/l	99
24) 1,1-Dichloroethane	5.921	63	47303	10.647	ug/l	96
25) 2-Butanone	6.902	43	33631	50.121	ug/l	100
26) 2,2-Dichloropropane	6.890	77	43881	10.734	ug/l	100
27) cis-1,2-Dichloroethene	6.908	96	28406	10.330	ug/l	98
28) Bromochloromethane	7.250	49	20230	10.861	ug/l	99
29) Tetrahydrofuran	7.274	42	20096	48.513	ug/l	99
30) Chloroform	7.426	83	49699	10.773	ug/l	96
31) Cyclohexane	7.707	56	43729	10.499	ug/l #	91
32) 1,1,1-Trichloroethane	7.628	97	44743	10.592	ug/l	98
36) 1,1-Dichloropropene	7.841	75	35303	10.258	ug/l	99
37) Ethyl Acetate	6.994	43	15039	9.687	ug/l	99
38) Carbon Tetrachloride	7.823	117	41920	10.591	ug/l	98
39) Methylcyclohexane	9.109	83	39826	9.434	ug/l	94
40) Benzene	8.085	78	103944	10.253	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021397.D
 Acq On : 04 Mar 2025 09:46
 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 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:57:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	8855m	10.472	ug/l	
42) 1,2-Dichloroethane	8.164	62	29851	10.525	ug/l	99
43) Isopropyl Acetate	8.201	43	28138	9.529	ug/l #	90
44) Trichloroethene	8.871	130	26077	10.179	ug/l	98
45) 1,2-Dichloropropane	9.146	63	24839	10.294	ug/l	96
46) Dibromomethane	9.237	93	13535	10.081	ug/l	99
47) Bromodichloromethane	9.426	83	36777	10.315	ug/l	97
48) Methyl methacrylate	9.225	41	12236	8.937	ug/l	99
49) 1,4-Dioxane	9.249	88	2337	177.344	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	70235	46.097	ug/l	100
52) Toluene	10.176	92	63716	9.968	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	29928	9.528	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	36383	9.756	ug/l	96
55) 1,1,2-Trichloroethane	10.578	97	17683	10.069	ug/l	96
56) Ethyl methacrylate	10.444	69	19614	8.757	ug/l	99
57) 1,3-Dichloropropane	10.725	76	30899	10.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	45096	43.615	ug/l	100
59) 2-Hexanone	10.767	43	45211	44.876	ug/l	96
60) Dibromochloromethane	10.914	129	23922	9.936	ug/l	100
61) 1,2-Dibromoethane	11.017	107	16472	9.938	ug/l	96
64) Tetrachloroethene	10.652	164	23948	10.289	ug/l	97
65) Chlorobenzene	11.444	112	68332	10.110	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.523	131	24052	10.065	ug/l	99
67) Ethyl Benzene	11.523	91	114793	9.676	ug/l	97
68) m/p-Xylenes	11.633	106	87134	19.346	ug/l	98
69) o-Xylene	11.956	106	40080	9.655	ug/l	98
70) Styrene	11.974	104	64841	9.416	ug/l	99
71) Bromoform	12.139	173	12983	9.719	ug/l #	94
73) Isopropylbenzene	12.261	105	104663	9.639	ug/l	99
74) N-amyl acetate	12.072	43	20573	8.725	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	19638	10.249	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	14405m	10.371	ug/l	
77) Bromobenzene	12.535	156	25588	10.073	ug/l	99
78) n-propylbenzene	12.602	91	126938	9.626	ug/l	99
79) 2-Chlorotoluene	12.682	91	74631	9.898	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	85353	9.673	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5896	9.650	ug/l	98
82) 4-Chlorotoluene	12.785	91	78997	10.118	ug/l	100
83) tert-Butylbenzene	13.005	119	76394	9.705	ug/l	98
84) 1,2,4-Trimethylbenzene	13.047	105	82865	9.458	ug/l	100
85) sec-Butylbenzene	13.182	105	109643	9.362	ug/l	100
86) p-Isopropyltoluene	13.297	119	89228	9.248	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	51307	10.147	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	50160	10.143	ug/l	97
89) n-Butylbenzene	13.620	91	78217	8.779	ug/l	100
90) Hexachloroethane	13.883	117	20579	9.998	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	43028	9.929	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	2787	9.710	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	19935	8.422	ug/l	97
94) Hexachlorobutadiene	15.029	225	12923	8.709	ug/l	98
95) Naphthalene	15.151	128	28894	9.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	16639	8.358	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021397.D
Acq On : 04 Mar 2025 09:46
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 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:57:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

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

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

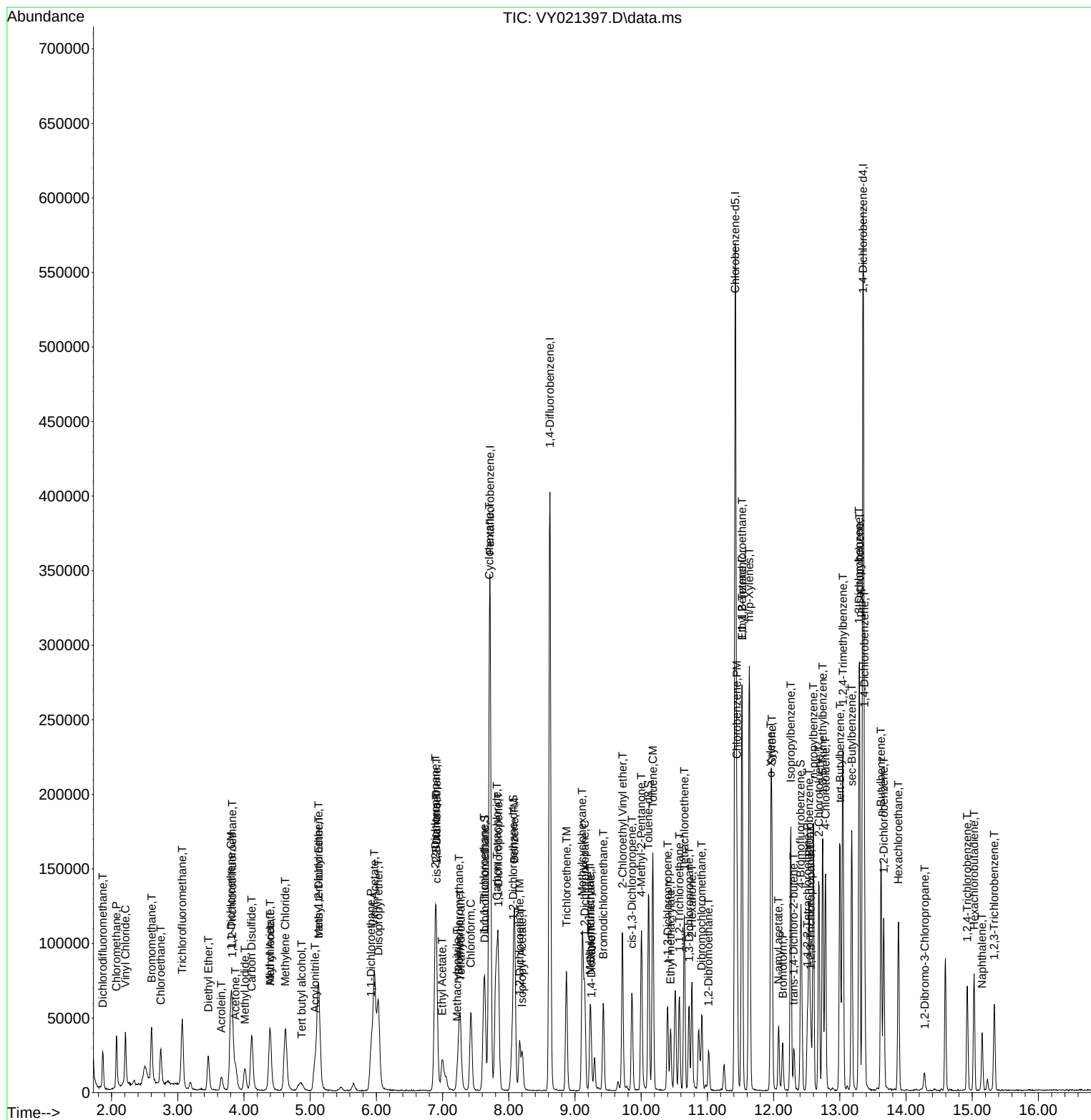
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021397.D
Acq On : 04 Mar 2025 09:46
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

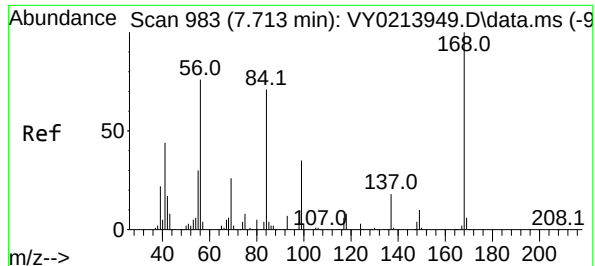
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

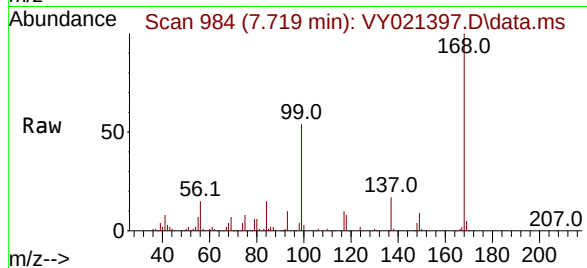
Quant Time: Mar 05 02:57:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

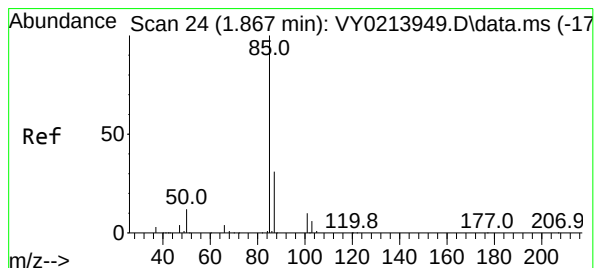
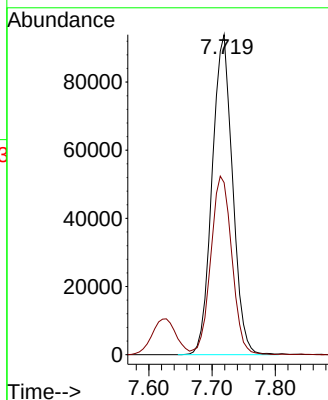
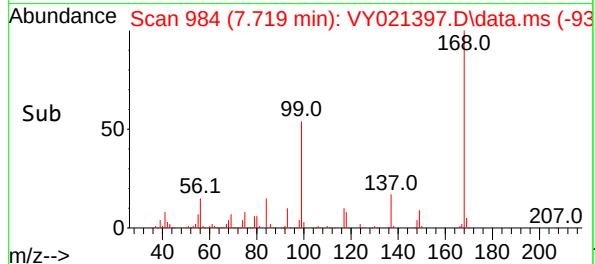
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:168 Resp: 21041
Ion Ratio Lower Upper
168 100
99 53.7 46.0 69.0

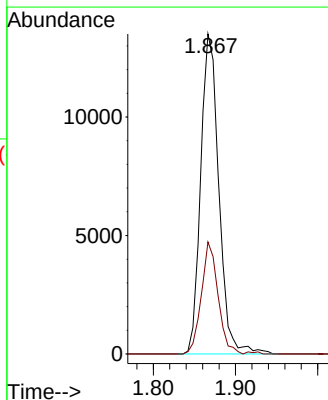
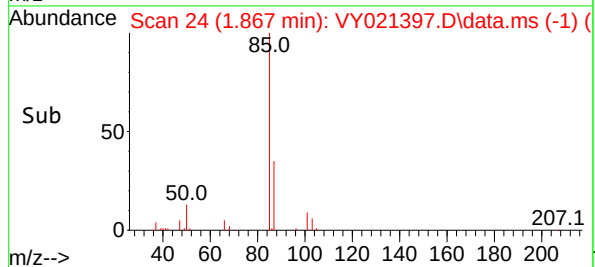
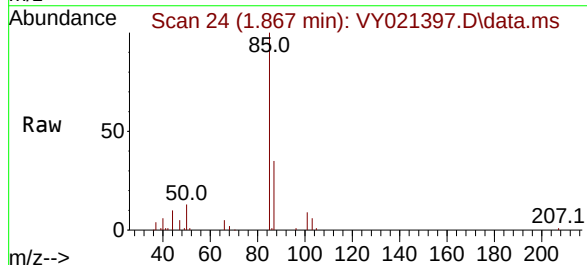
Manual Integrations
APPROVED

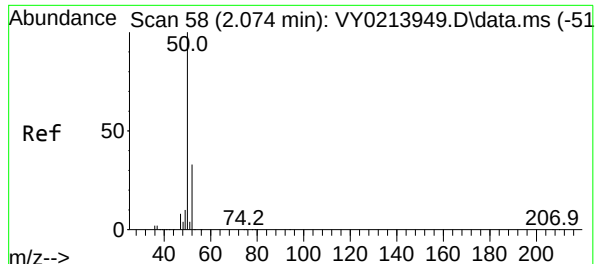
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 10.737 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion: 85 Resp: 20733
Ion Ratio Lower Upper
85 100
87 35.0 15.7 47.0





#3

Chloromethane

Concen: 10.736 ug/l

RT: 2.074 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021397.D

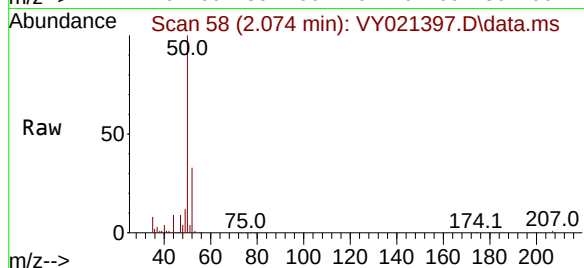
Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

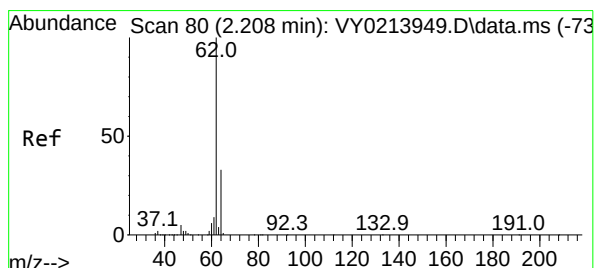
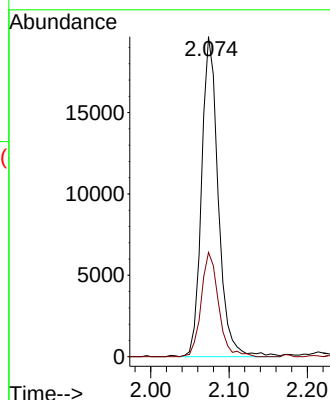
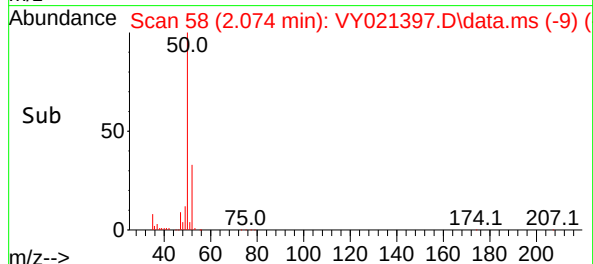


Tgt Ion: 50 Resp: 29220
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#4

Vinyl Chloride

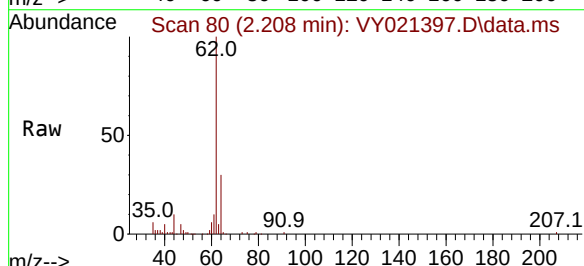
Concen: 10.785 ug/l

RT: 2.208 min Scan# 80

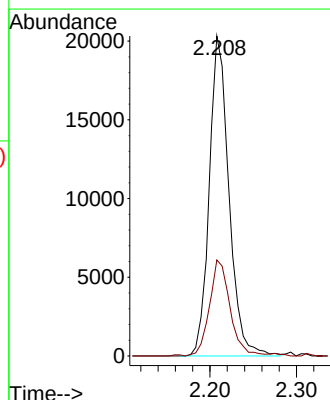
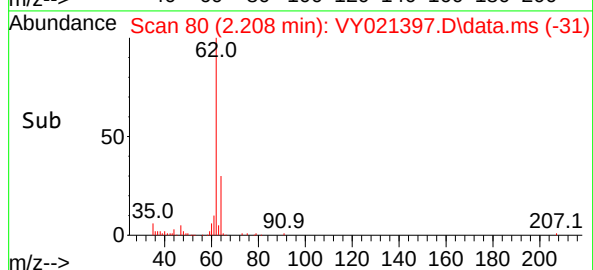
Delta R.T. 0.000 min

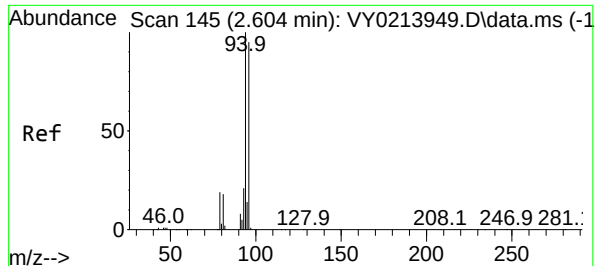
Lab File: VY021397.D

Acq: 04 Mar 2025 09:46



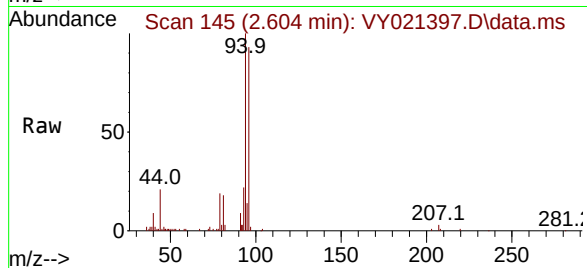
Tgt Ion: 62 Resp: 32085
Ion Ratio Lower Upper
62 100
64 29.6 26.2 39.2





#5
Bromomethane
Concen: 10.870 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

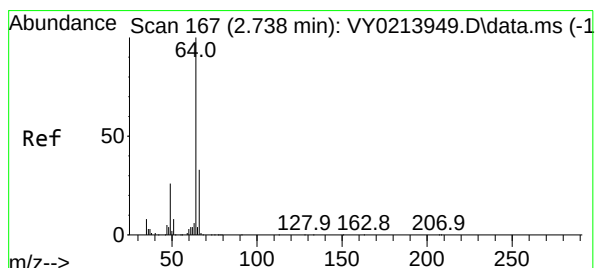
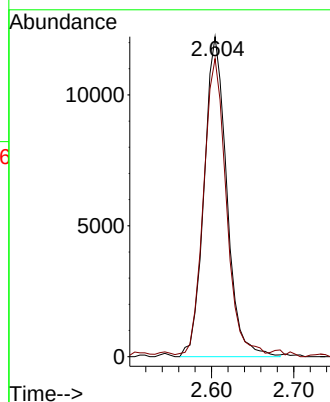
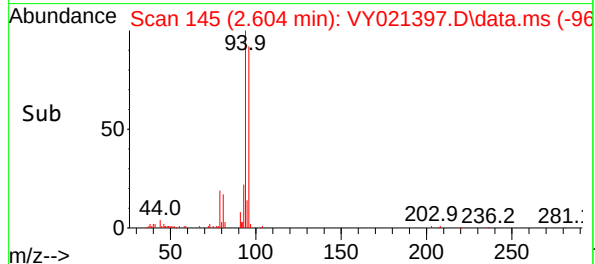
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



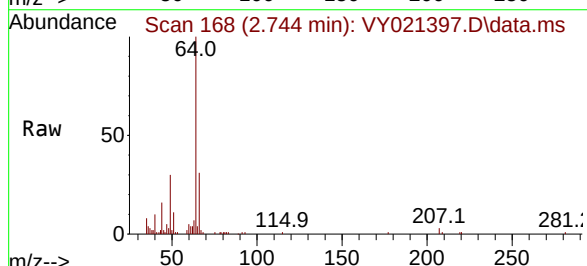
Tgt Ion: 94 Resp: 23372
Ion Ratio Lower Upper
94 100
96 92.1 76.3 114.5

Manual Integrations
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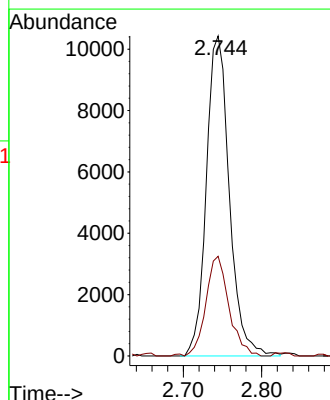
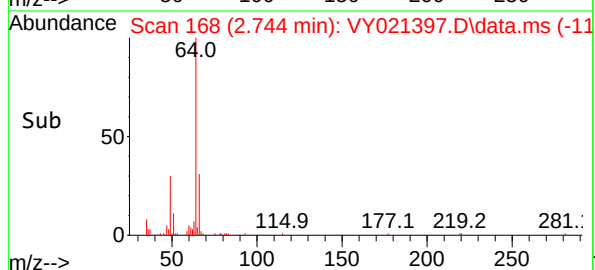
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

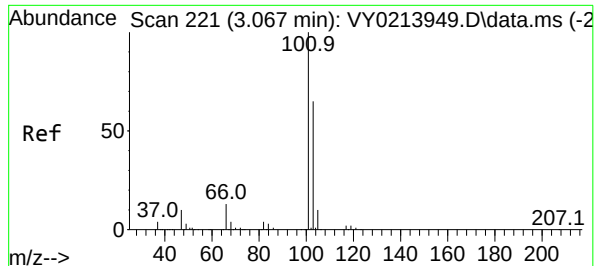


#6
Chloroethane
Concen: 10.808 ug/l
RT: 2.744 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46



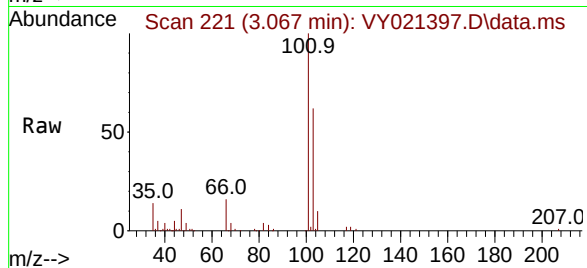
Tgt Ion: 64 Resp: 21248
Ion Ratio Lower Upper
64 100
66 30.5 26.7 40.1





#7
Trichlorofluoromethane
Concen: 10.646 ug/l
RT: 3.067 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

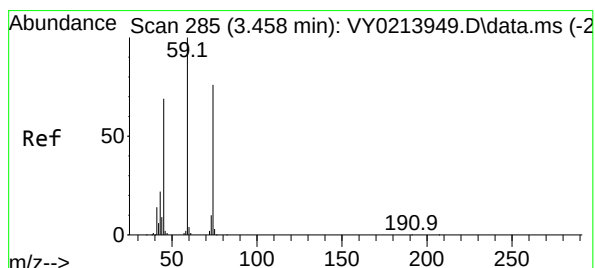
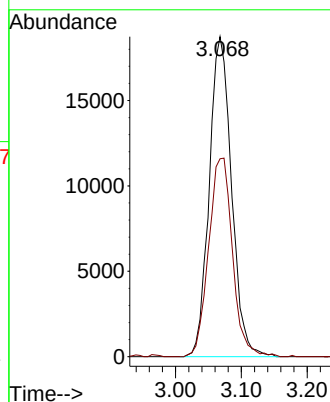
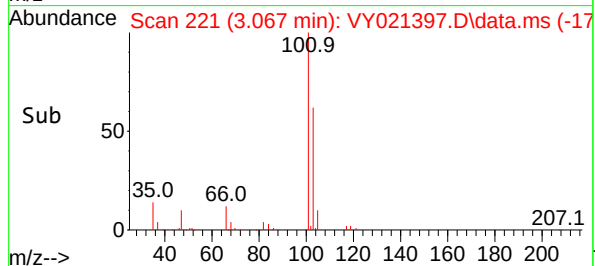
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:101 Resp: 4420
Ion Ratio Lower Upper
101 100
103 61.9 51.7 77.5

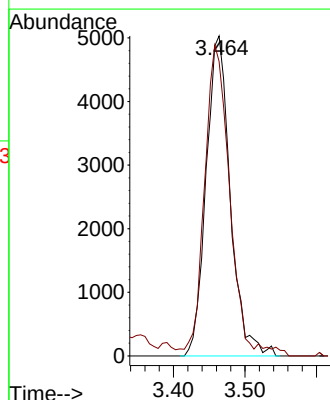
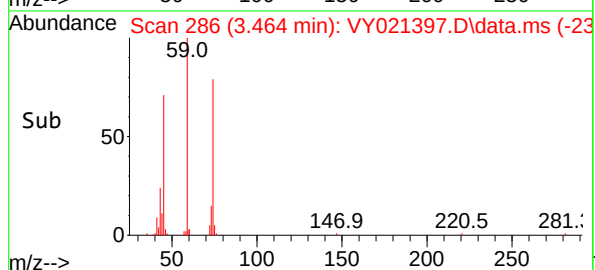
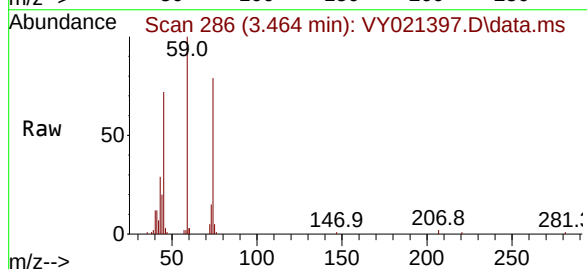
Manual Integrations
APPROVED

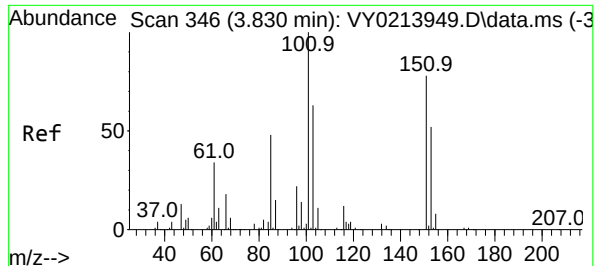
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#8
Diethyl Ether
Concen: 10.256 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion: 74 Resp: 11802
Ion Ratio Lower Upper
74 100
45 95.1 49.7 149.1





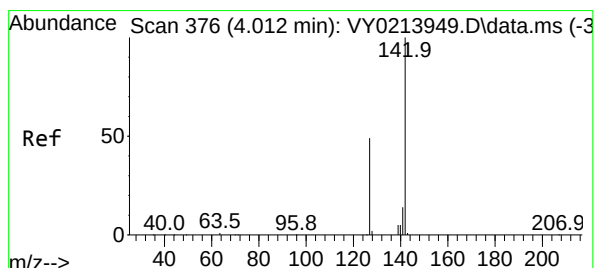
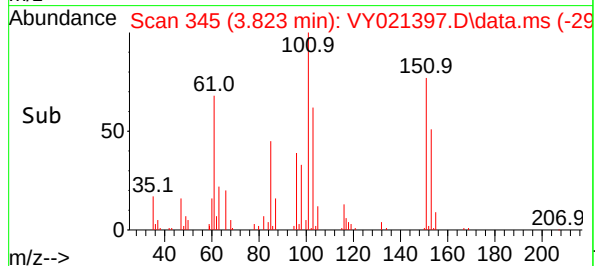
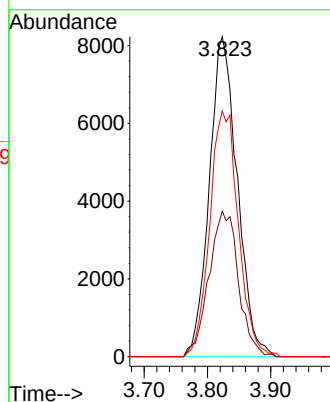
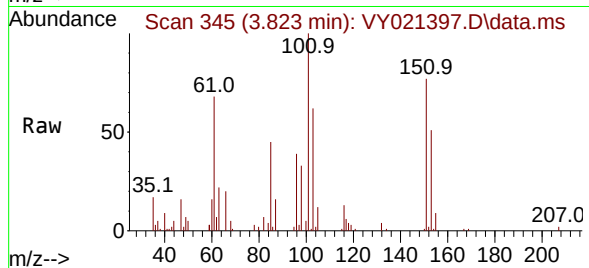
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.654 ug/l
RT: 3.823 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion	101	Resp	2525
Ion	Ratio	Lower	Upper
101	100		
85	47.9	37.1	55.7
151	78.7	62.1	93.1

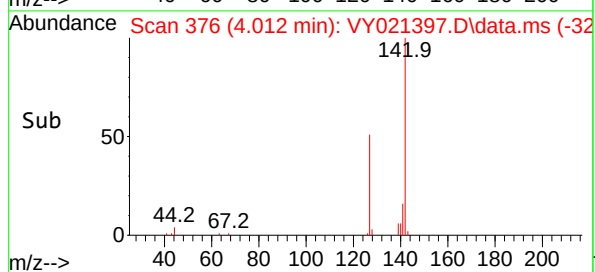
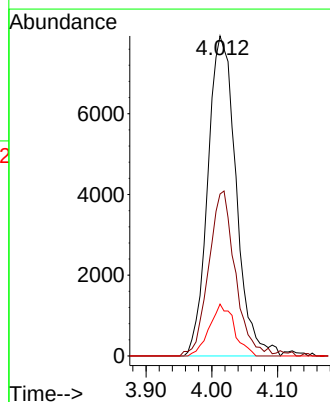
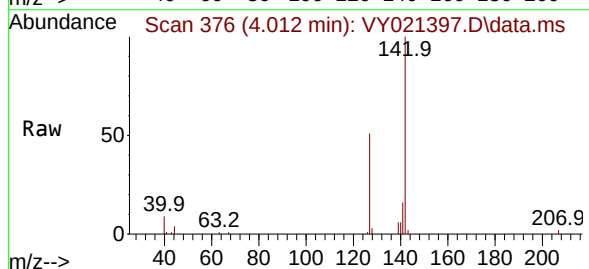
Manual Integrations
APPROVED

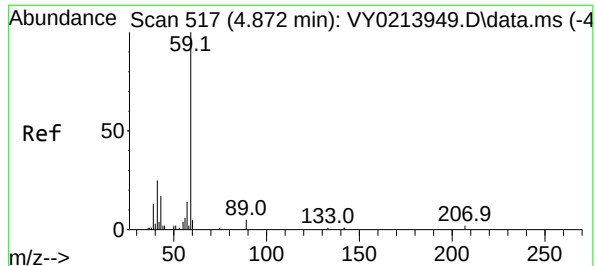
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 9.809 ug/l
RT: 4.012 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion	142	Resp	23638
Ion	Ratio	Lower	Upper
142	100		
127	48.7	39.1	58.7
141	14.3	11.8	17.6





#11

Tert butyl alcohol

Concen: 53.545 ug/l m

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 59 Resp: 10292

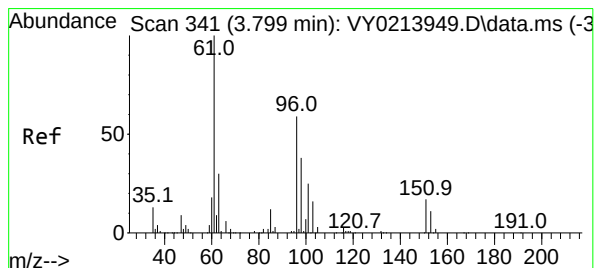
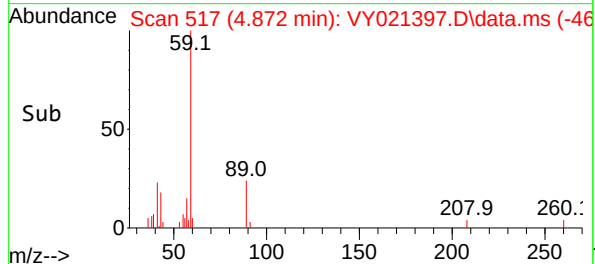
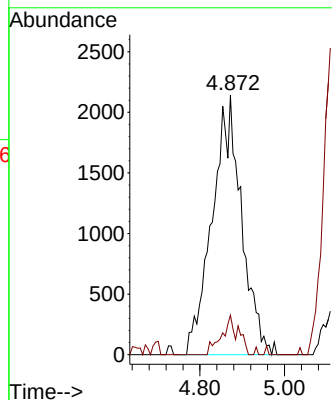
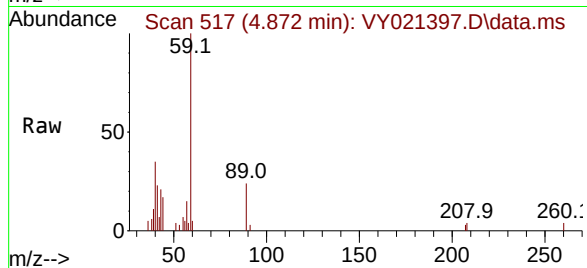
Ion Ratio Lower Upper

59 100

57 6.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#12

1,1-Dichloroethene

Concen: 10.558 ug/l

RT: 3.805 min Scan# 342

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

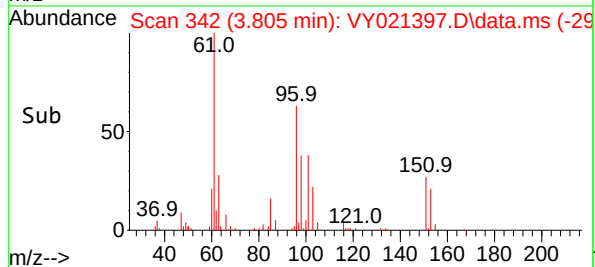
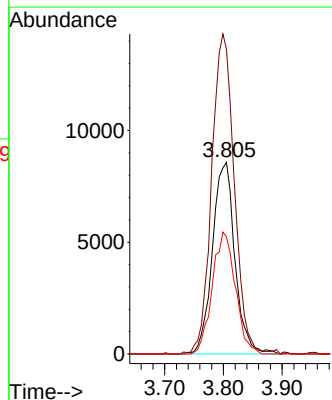
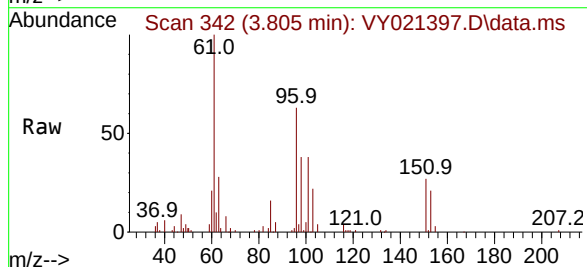
Tgt Ion: 96 Resp: 22821

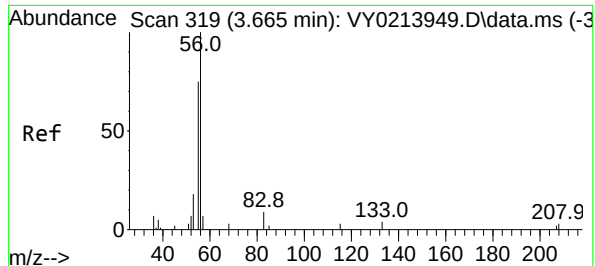
Ion Ratio Lower Upper

96 100

61 159.2 135.2 202.8

98 61.1 51.4 77.2





#13

Acrolein

Concen: 95.404 ug/l

RT: 3.659 min Scan# 318

Delta R.T. -0.006 min

Lab File: VY021397.D

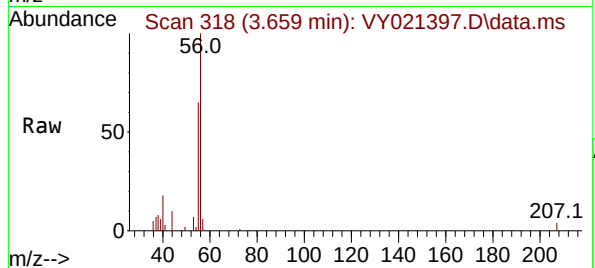
Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

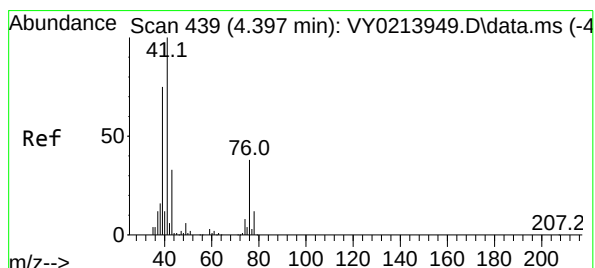
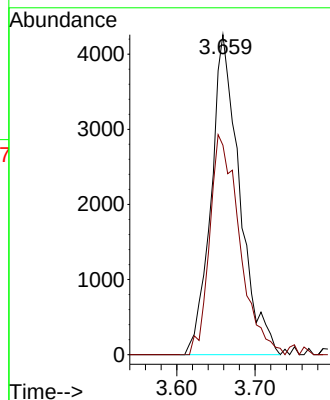
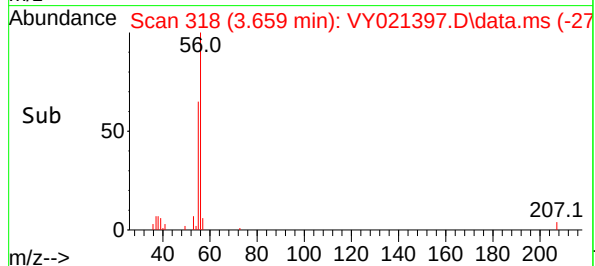
VSTDICC010



Tgt Ion:	56	Resp:	10792
Ion	Ratio	Lower	Upper
56	100		
55	72.0	63.4	95.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#14

Allyl chloride

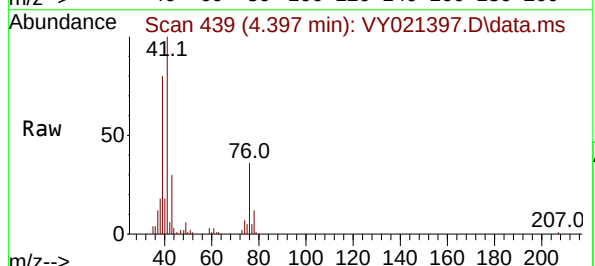
Concen: 10.253 ug/l

RT: 4.397 min Scan# 439

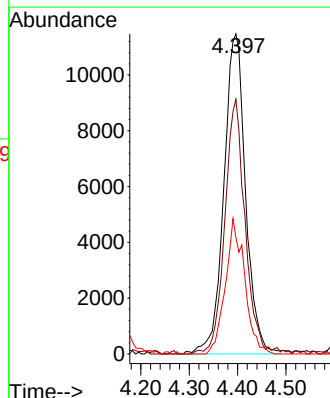
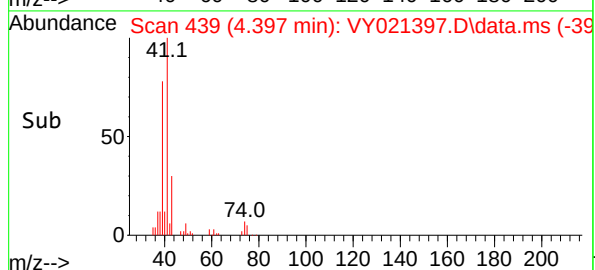
Delta R.T. 0.000 min

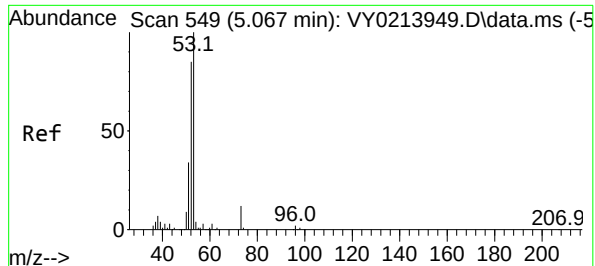
Lab File: VY021397.D

Acq: 04 Mar 2025 09:46



Tgt Ion:	41	Resp:	35815
Ion	Ratio	Lower	Upper
41	100		
39	74.5	59.3	88.9
76	37.5	29.8	44.8





#15

Acrylonitrile

Concen: 52.174 ug/l

RT: 5.073 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

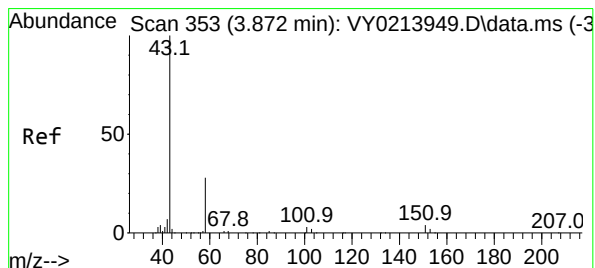
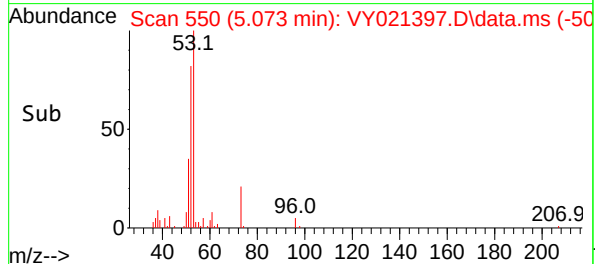
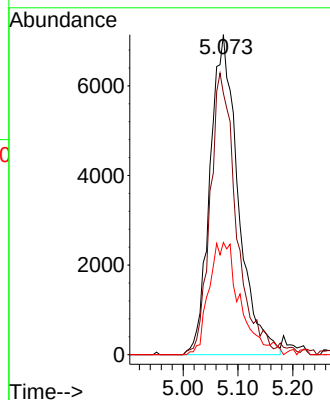
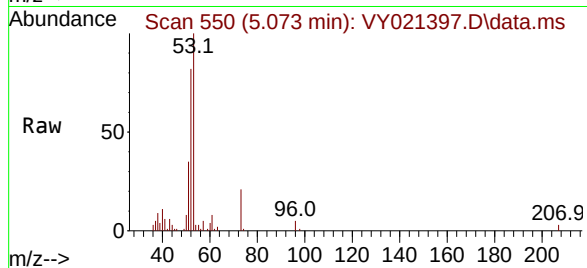
VSTDICC010

Tgt Ion: 53	Resp: 2555
Ion Ratio	Lower Upper
53	100
52	81.2 66.3 99.5
51	37.6 30.3 45.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#16

Acetone

Concen: 53.644 ug/l

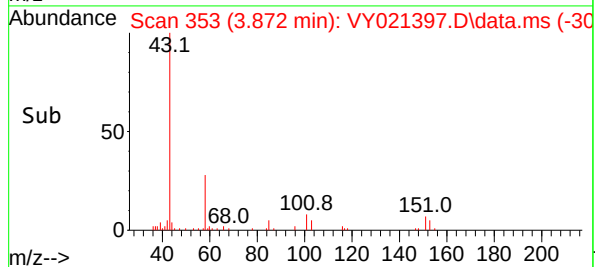
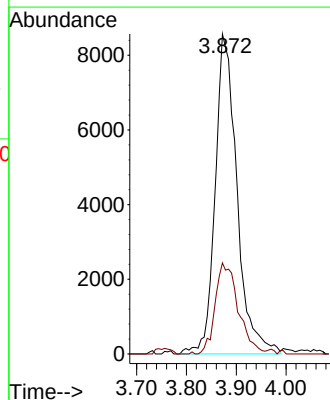
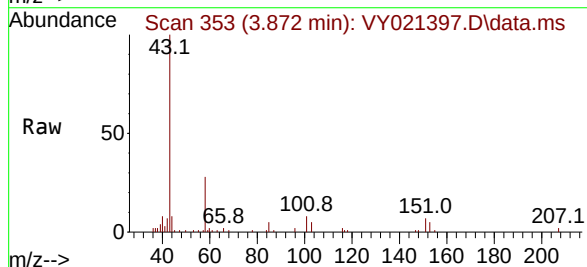
RT: 3.872 min Scan# 353

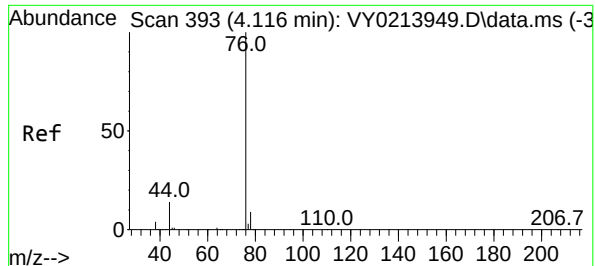
Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion: 43	Resp: 26021
Ion Ratio	Lower Upper
43	100
58	28.4 22.1 33.1





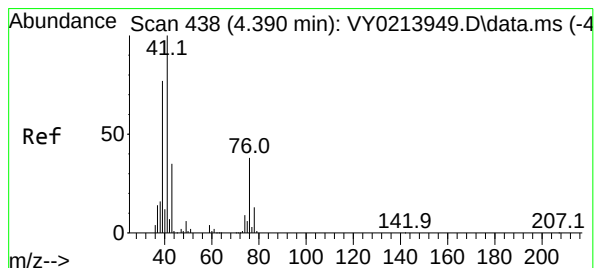
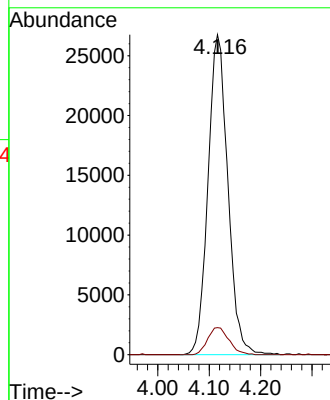
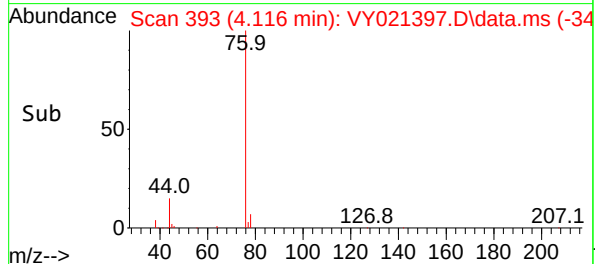
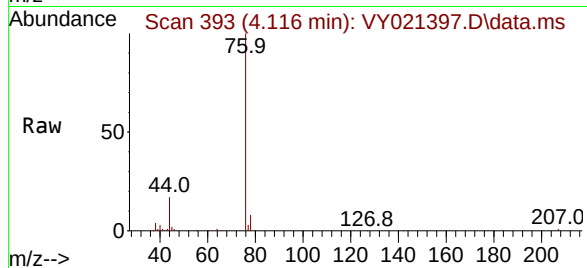
#17
Carbon Disulfide
Concen: 10.593 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 7175
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

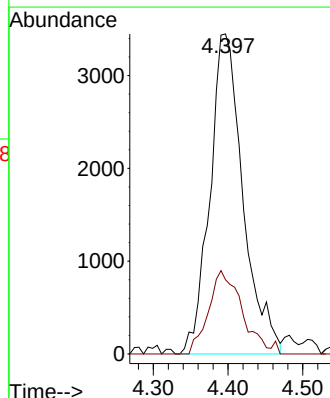
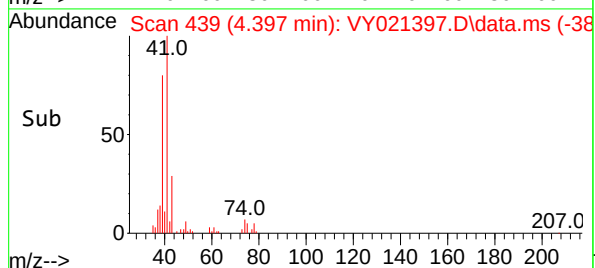
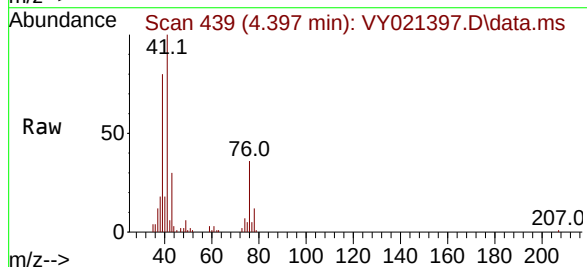
Manual Integrations
APPROVED

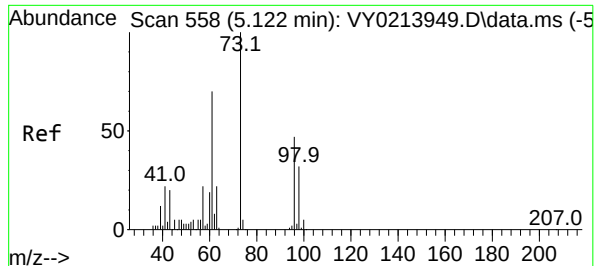
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#18
Methyl Acetate
Concen: 9.886 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion: 43 Resp: 10640
Ion Ratio Lower Upper
43 100
74 26.6 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 9.906 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 73 Resp: 5426

Ion Ratio Lower Upper

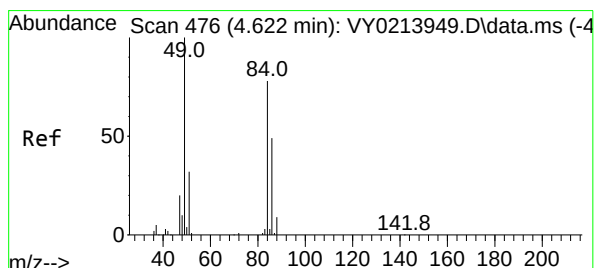
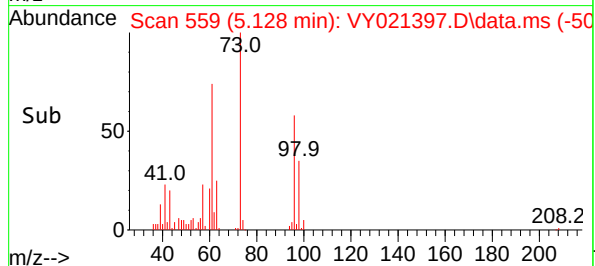
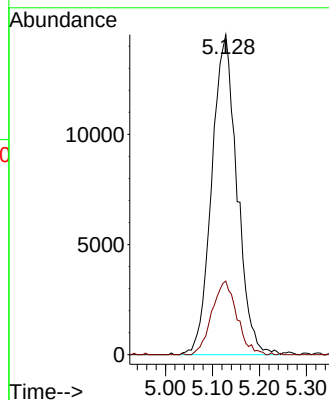
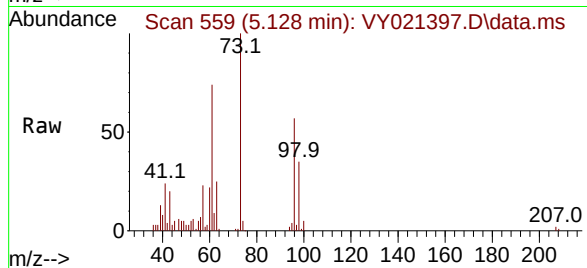
73 100

57 23.0 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#20

Methylene Chloride

Concen: 11.849 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion: 84 Resp: 30170

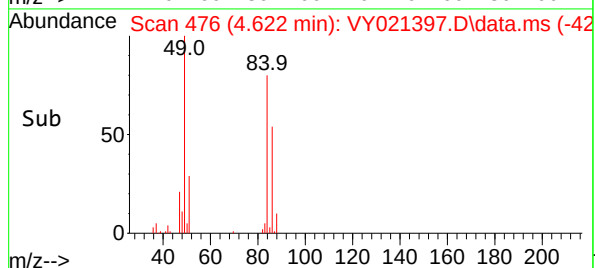
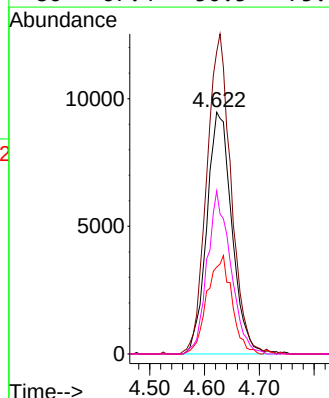
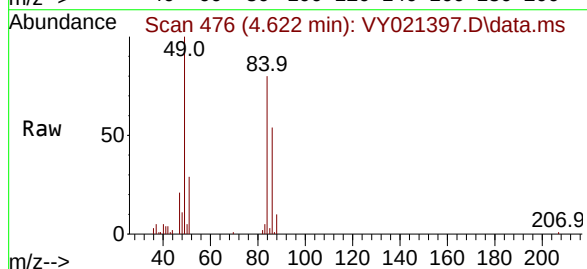
Ion Ratio Lower Upper

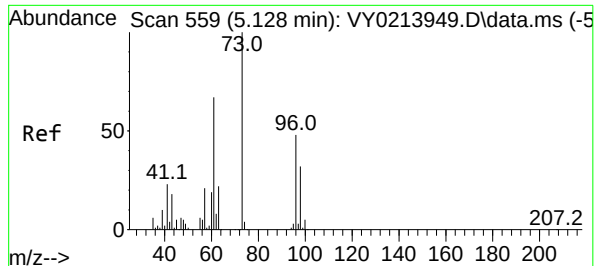
84 100

49 124.9 102.0 153.0

51 35.9 33.0 49.6

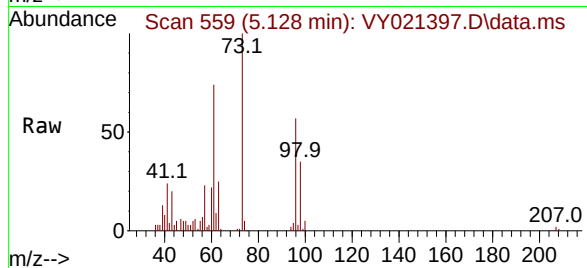
86 67.4 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 10.572 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

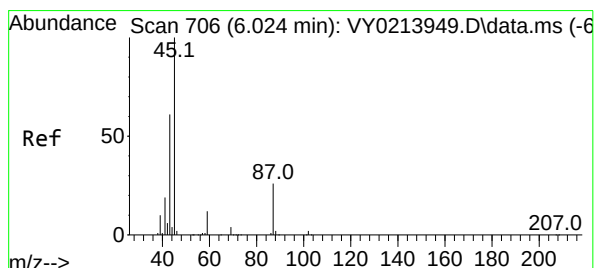
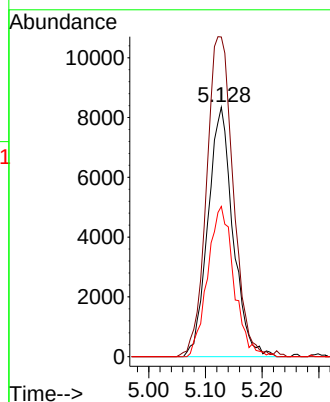
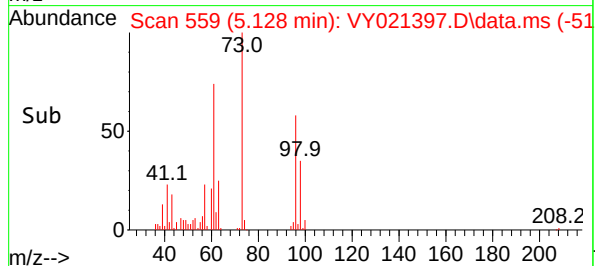
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 25590
Ion Ratio Lower Upper
96 100
61 127.3 111.5 167.3
98 60.2 53.8 80.8

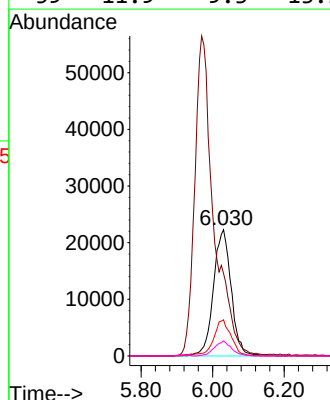
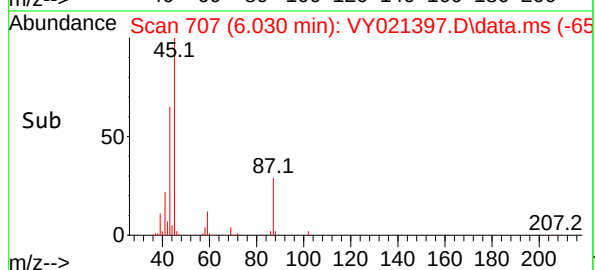
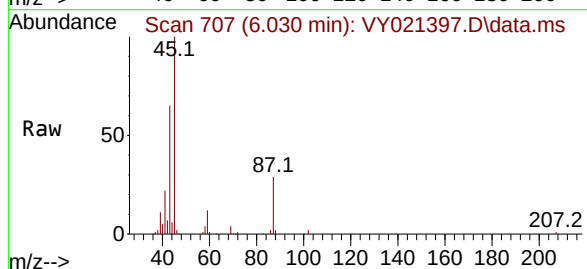
Manual Integrations
APPROVED

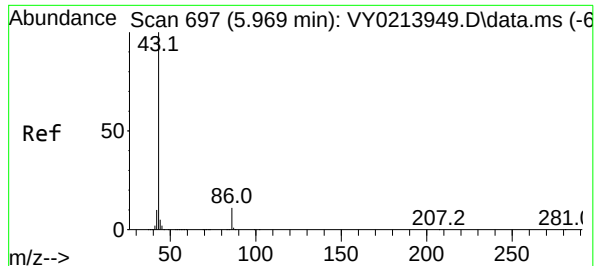
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 10.196 ug/l
RT: 6.030 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion: 45 Resp: 76752
Ion Ratio Lower Upper
45 100
43 64.4 48.7 73.1
87 28.6 21.5 32.3
59 11.9 9.3 13.9





#23

Vinyl Acetate

Concen: 48.795 ug/l

RT: 5.969 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 209620

Ion Ratio Lower Upper

43

100

86

11.0

8.5

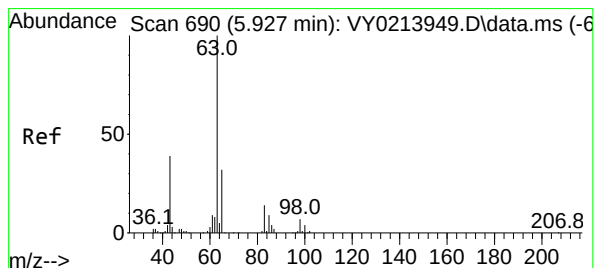
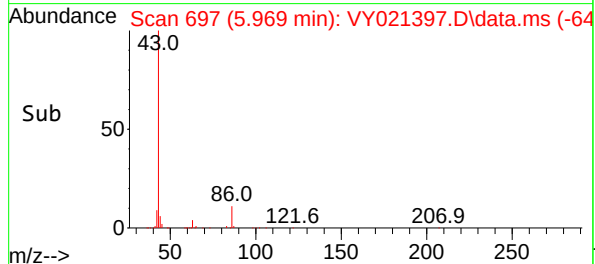
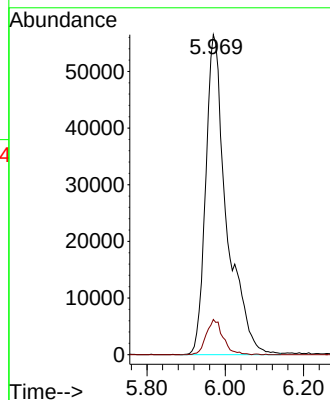
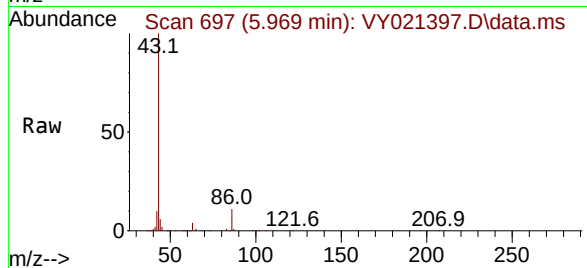
12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#24

1,1-Dichloroethane

Concen: 10.647 ug/l

RT: 5.921 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion: 63 Resp: 47303

Ion Ratio Lower Upper

63

100

98

8.2

3.3

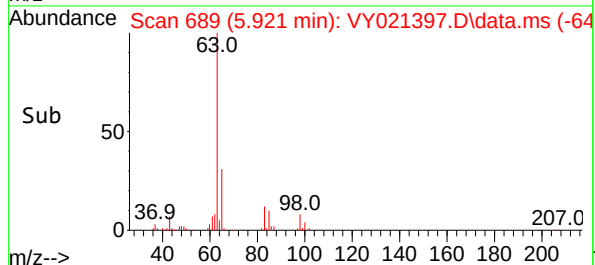
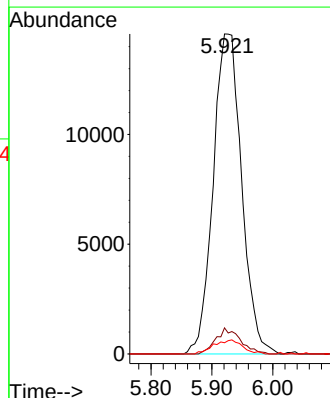
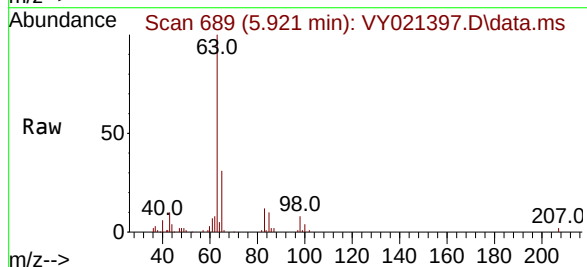
9.9

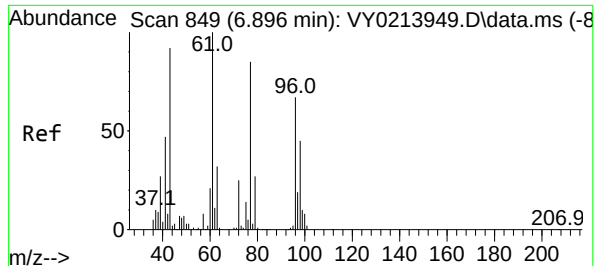
100

3.5

2.1

6.5





#25

2-Butanone

Concen: 50.121 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 3363

Ion Ratio Lower Upper

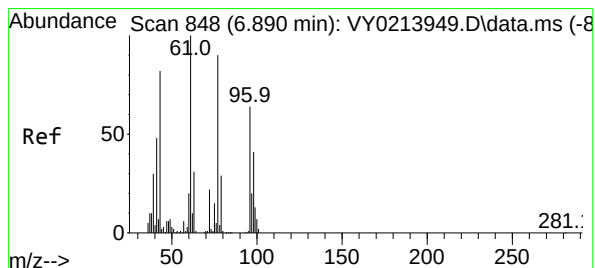
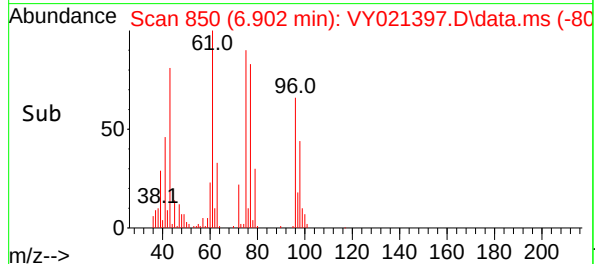
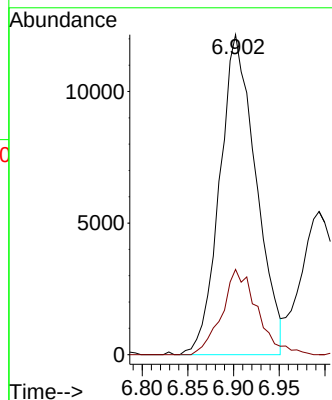
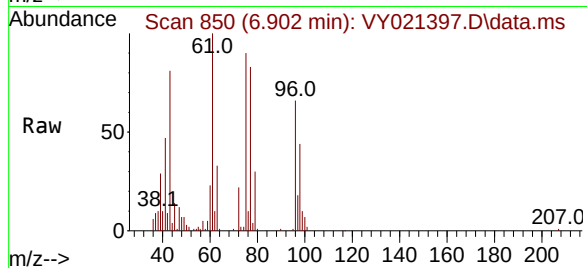
43 100

72 26.7 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#26

2,2-Dichloropropane

Concen: 10.734 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021397.D

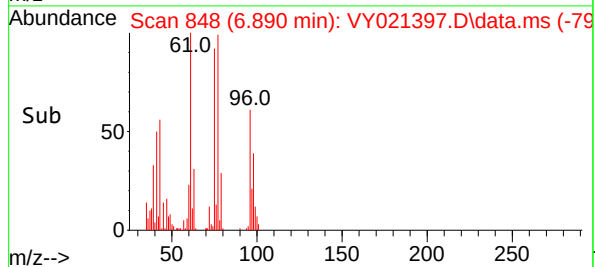
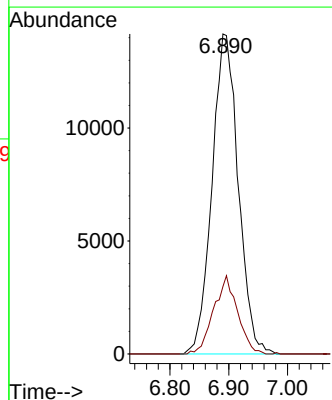
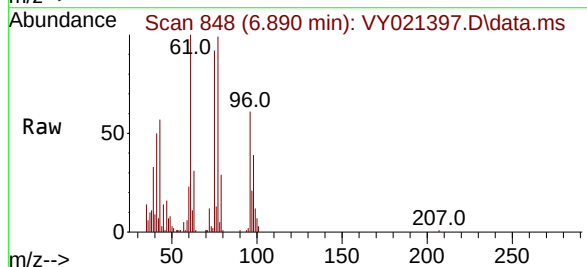
Acq: 04 Mar 2025 09:46

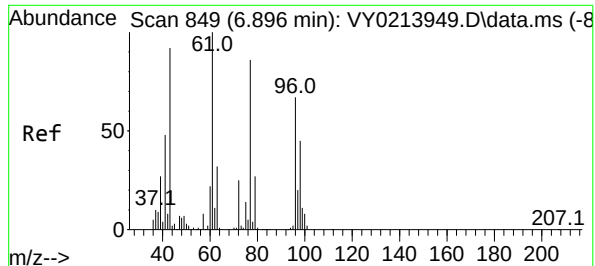
Tgt Ion: 77 Resp: 43881

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 10.330 ug/l

RT: 6.908 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 2840

Ion Ratio Lower Upper

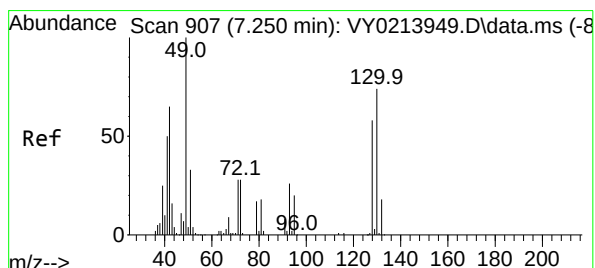
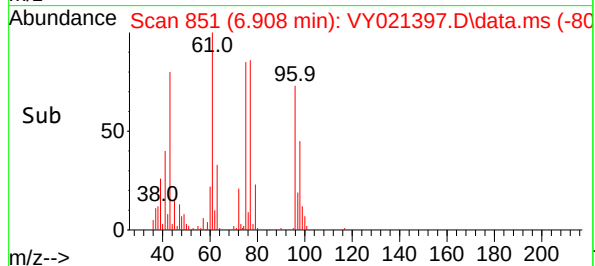
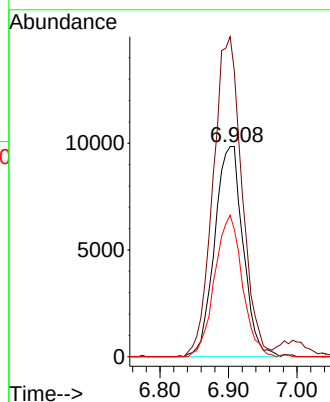
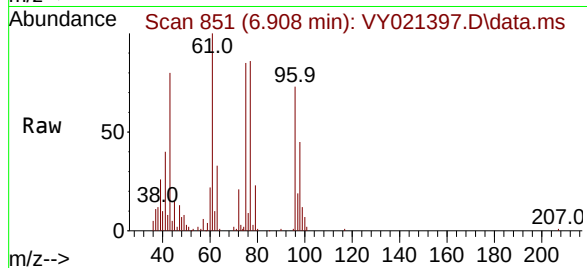
96 100

61 153.9 0.0 300.8

98 65.3 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#28

Bromochloromethane

Concen: 10.861 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

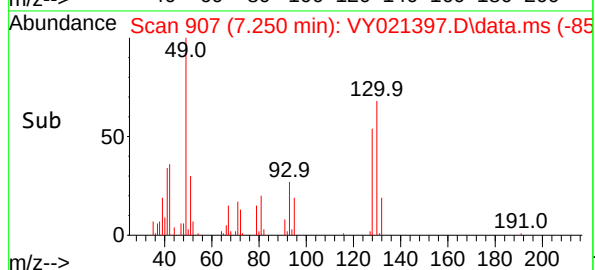
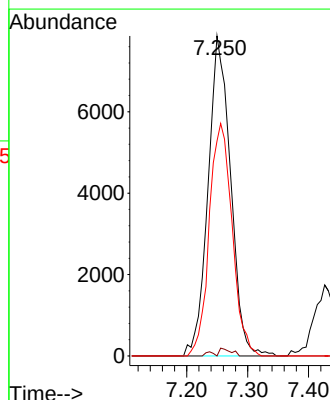
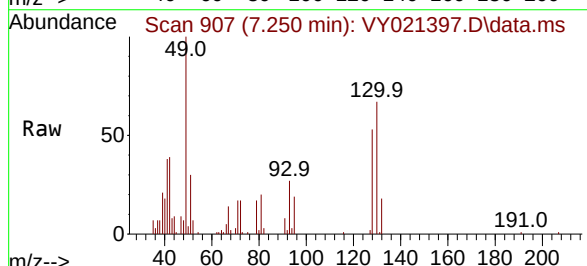
Tgt Ion: 49 Resp: 20230

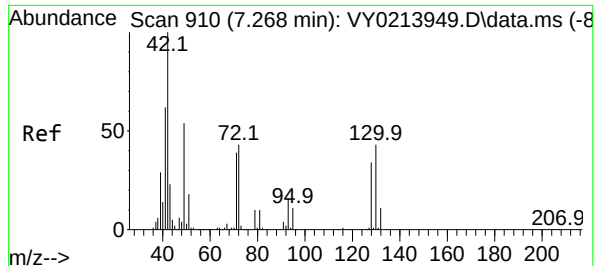
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.2

130 73.8 59.6 89.4





#29

Tetrahydrofuran

Concen: 48.513 ug/l

RT: 7.274 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 20090

Ion Ratio Lower Upper

42 100

72 43.0 34.8 52.2

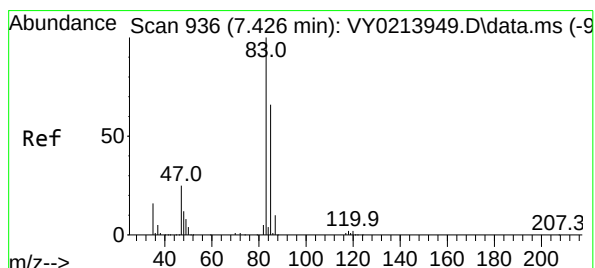
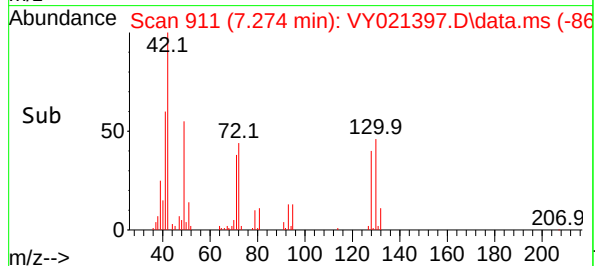
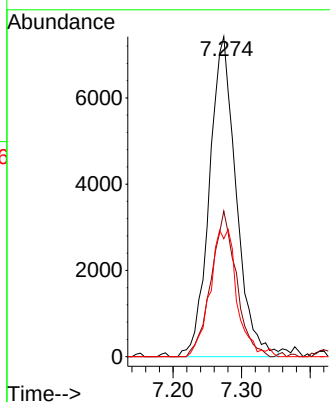
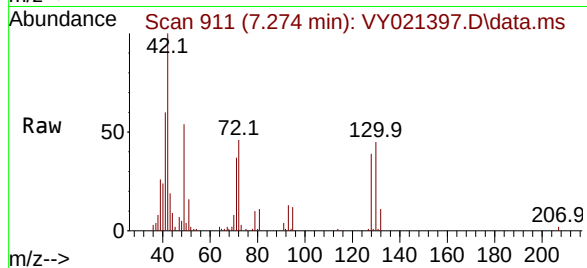
71 40.4 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#30

Chloroform

Concen: 10.773 ug/l

RT: 7.426 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021397.D

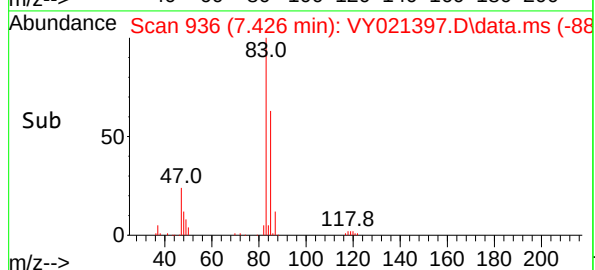
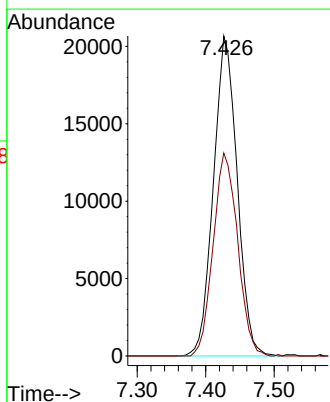
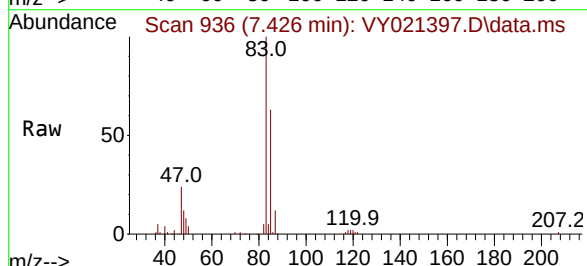
Acq: 04 Mar 2025 09:46

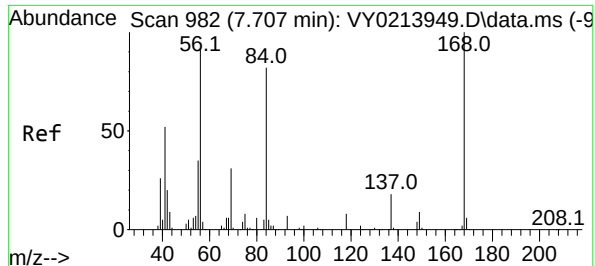
Tgt Ion: 83 Resp: 49699

Ion Ratio Lower Upper

83 100

85 63.4 53.1 79.7





#31

Cyclohexane

Concen: 10.499 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 43729

Ion Ratio Lower Upper

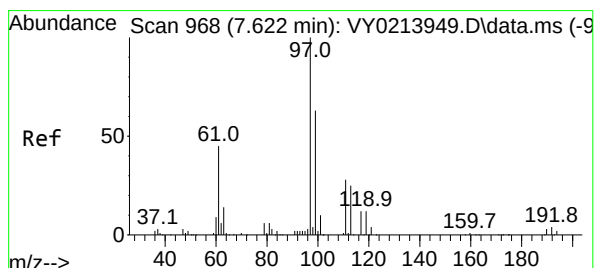
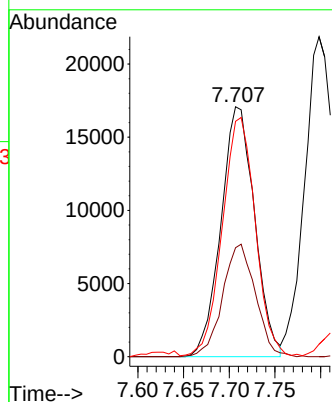
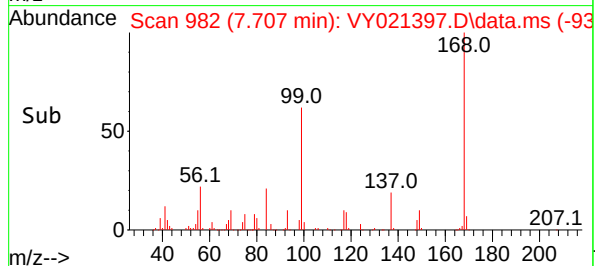
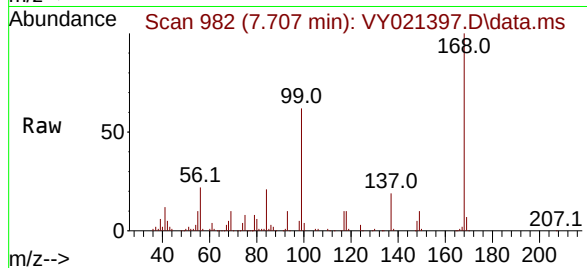
56 100

69 43.6 27.0 40.4

84 93.8 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#32

1,1,1-Trichloroethane

Concen: 10.592 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

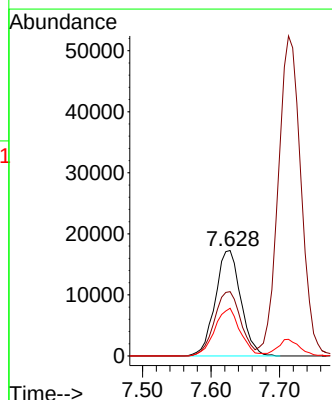
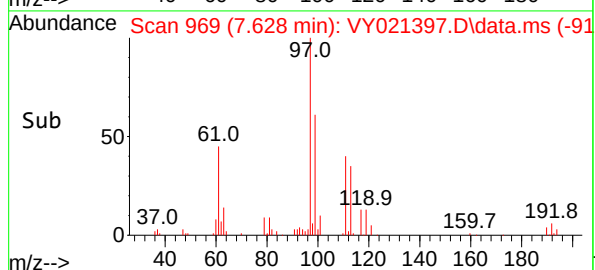
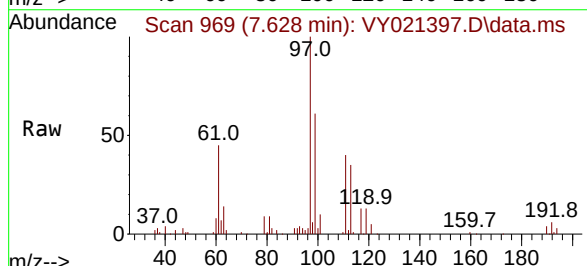
Tgt Ion: 97 Resp: 44743

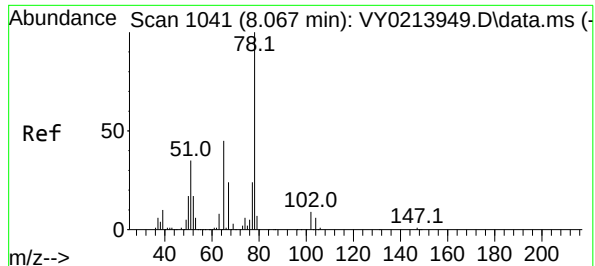
Ion Ratio Lower Upper

97 100

99 62.7 51.7 77.5

61 45.2 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 10.975 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 24408

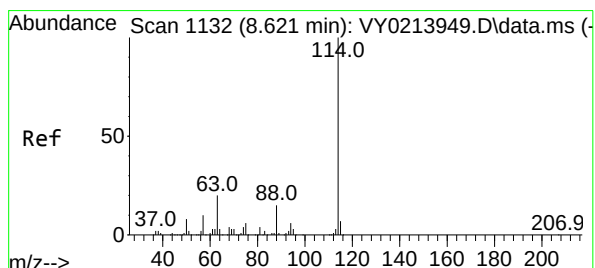
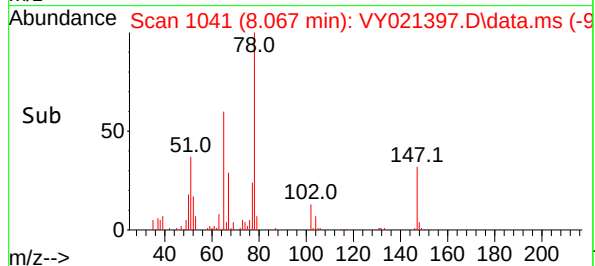
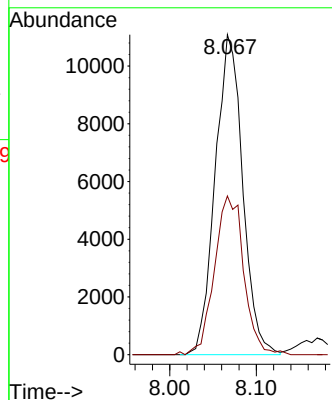
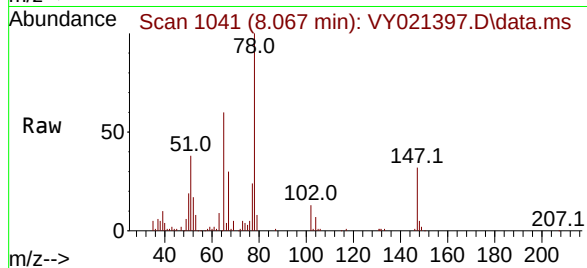
Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

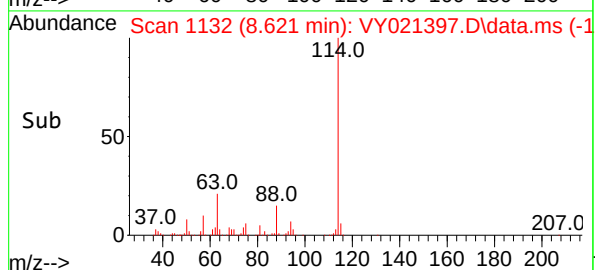
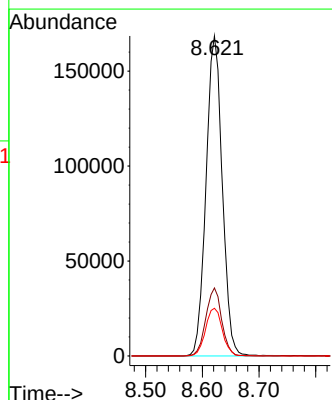
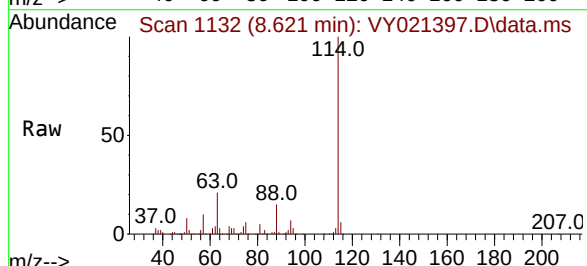
Tgt Ion:114 Resp: 334495

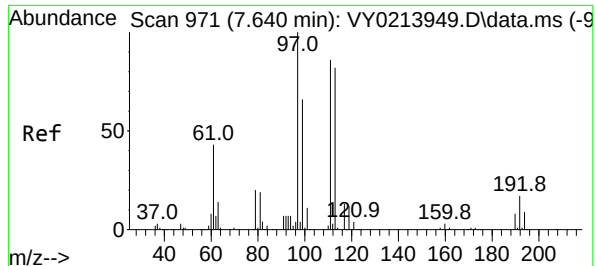
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 10.592 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:113 Resp: 23289

Ion Ratio Lower Upper

113 100

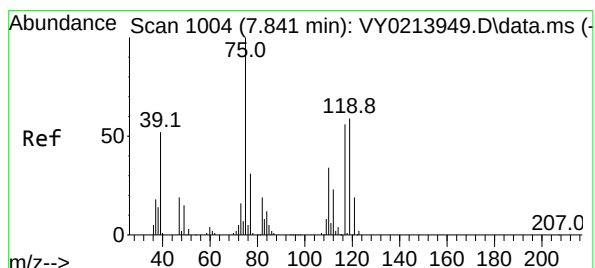
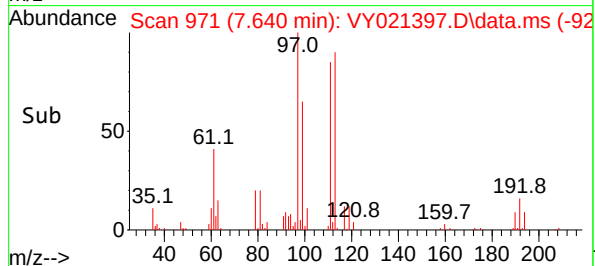
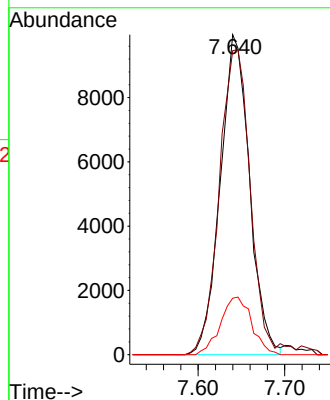
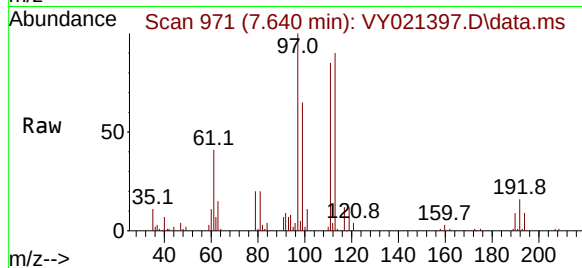
111 101.9 82.0 123.0

192 19.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025



#36

1,1-Dichloropropene

Concen: 10.258 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

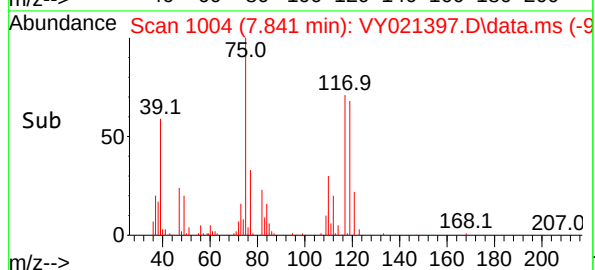
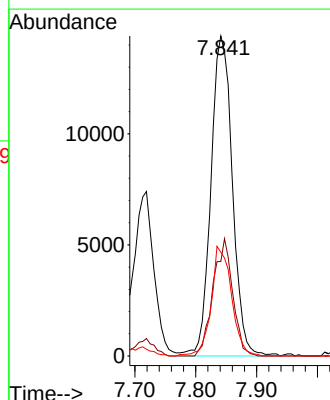
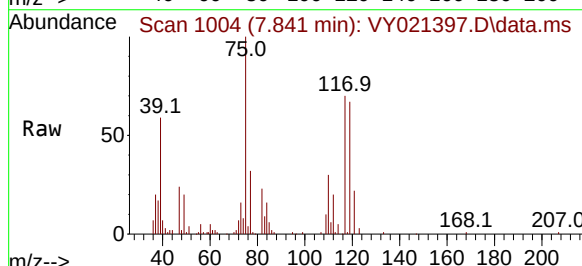
Tgt Ion: 75 Resp: 35303

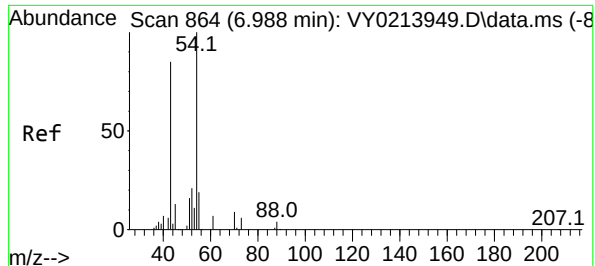
Ion Ratio Lower Upper

75 100

110 33.5 17.3 51.7

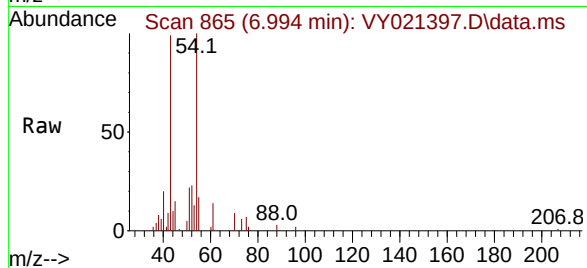
77 32.3 25.4 38.2





#37
Ethyl Acetate
Concen: 9.687 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

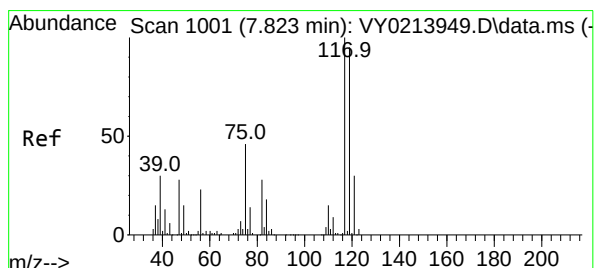
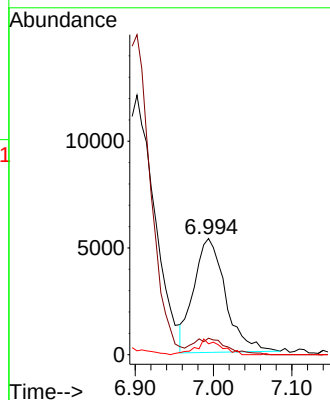
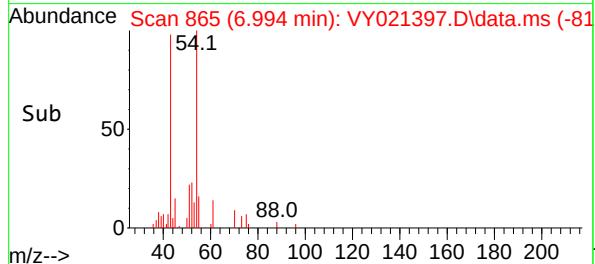
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 15039
Ion Ratio Lower Upper
43 100
61 15.1 11.4 17.0
70 10.4 8.2 12.2

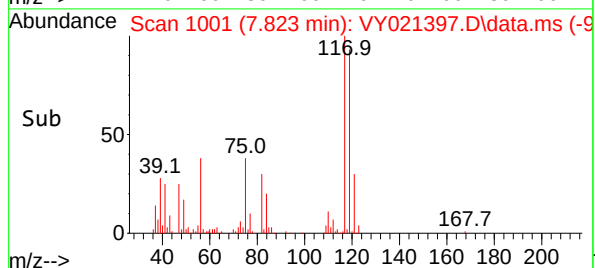
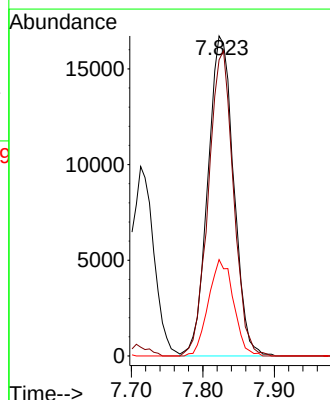
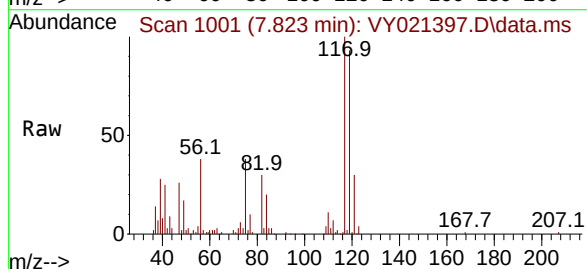
Manual Integrations
APPROVED

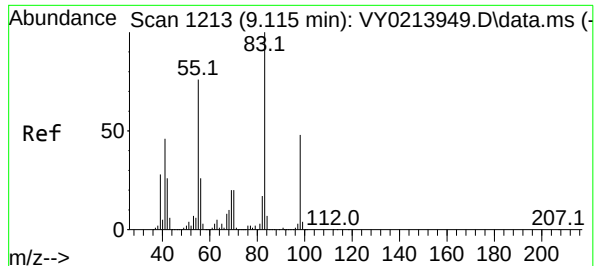
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#38
Carbon Tetrachloride
Concen: 10.591 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion:117 Resp: 41920
Ion Ratio Lower Upper
117 100
119 92.6 75.8 113.8
121 30.1 23.9 35.9





#39

Methylcyclohexane

Concen: 9.434 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

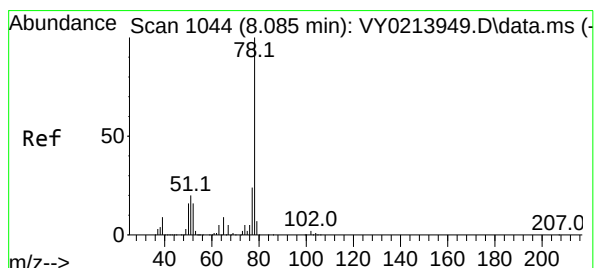
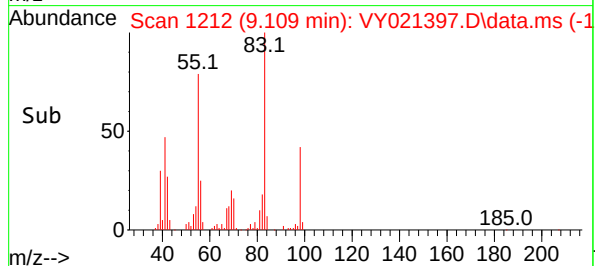
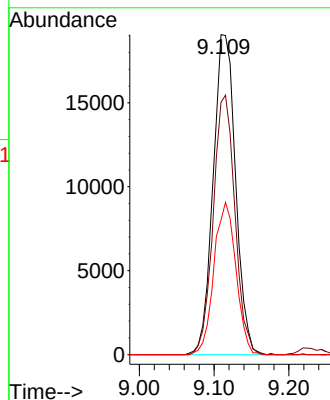
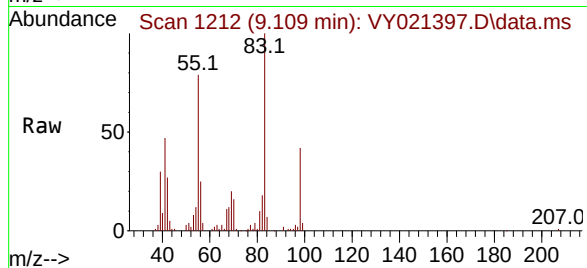
VSTDIC010

Tgt Ion:	83	Resp:	39820
Ion	Ratio	Lower	Upper
83	100		
55	78.9	60.7	91.1
98	42.0	38.6	57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#40

Benzene

Concen: 10.253 ug/l

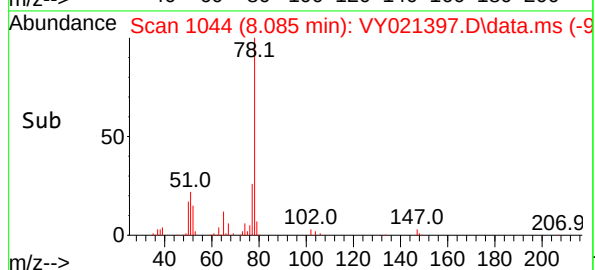
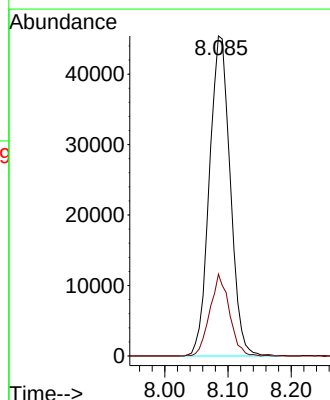
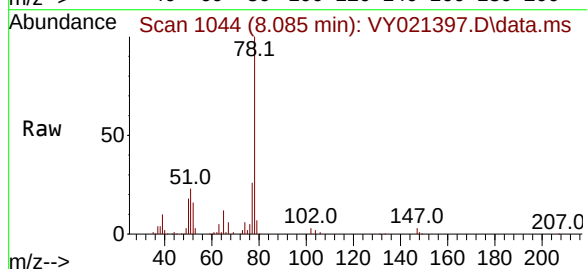
RT: 8.085 min Scan# 1044

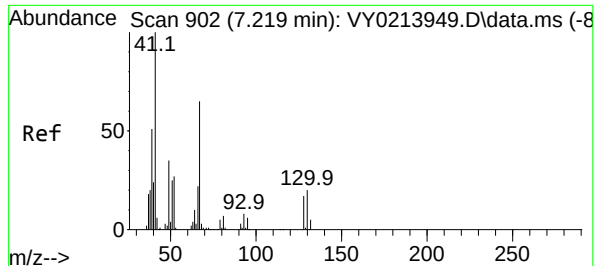
Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion:	78	Resp:	103944
Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.0	28.4





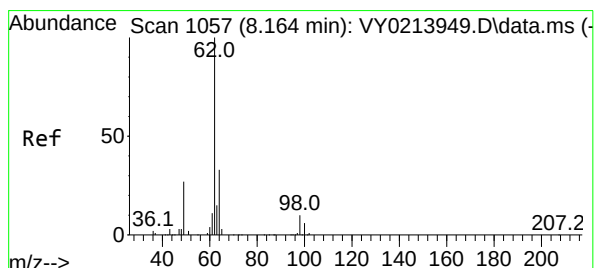
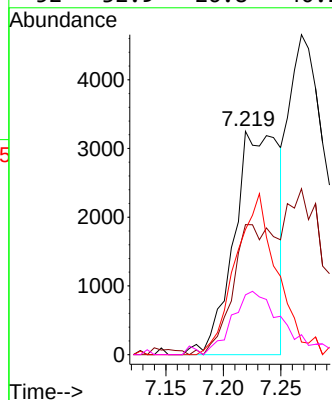
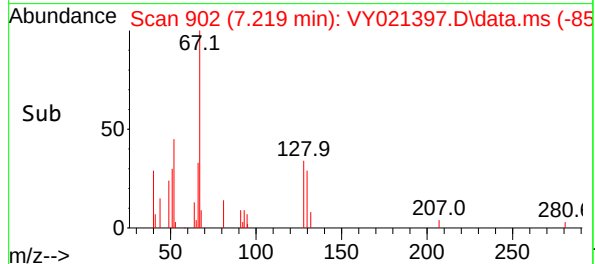
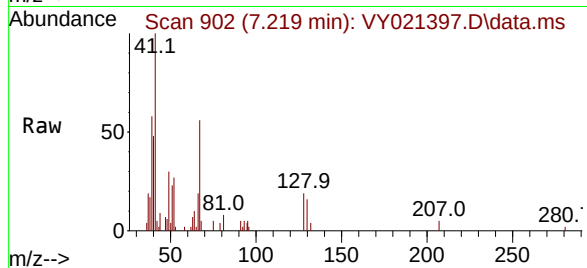
#41
Methacrylonitrile
Concen: 10.472 ug/l m
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:	41	Resp:	885
Ion	Ratio	Lower	Upper
41	100		
39	50.9	35.0	52.6
67	66.7	61.2	91.8
52	32.9	26.8	40.2

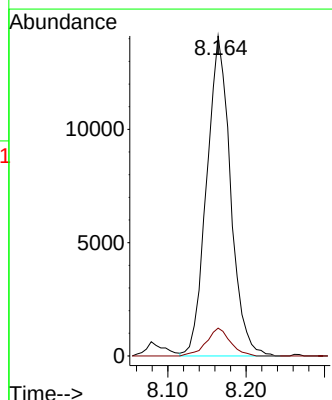
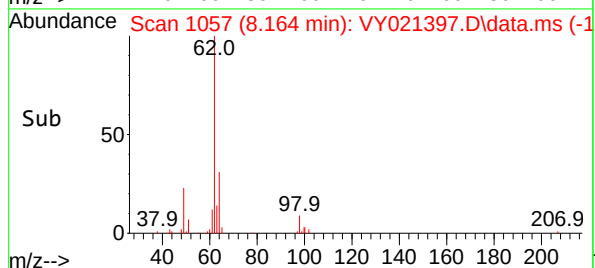
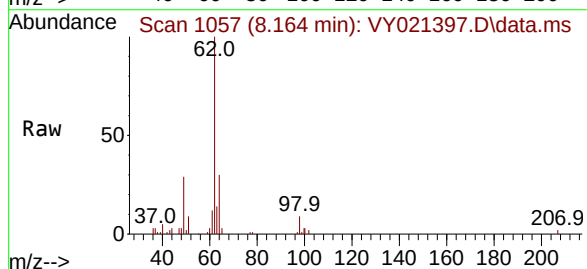
Manual Integrations
APPROVED

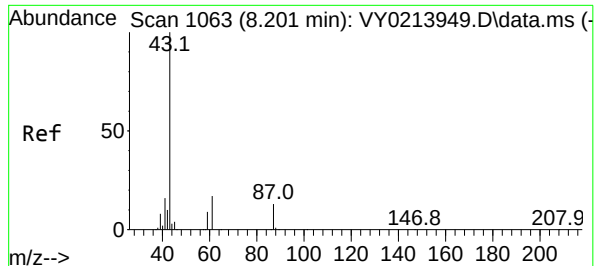
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#42
1,2-Dichloroethane
Concen: 10.525 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion:	62	Resp:	29851
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.2





#43

Isopropyl Acetate

Concen: 9.529 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY021397.D

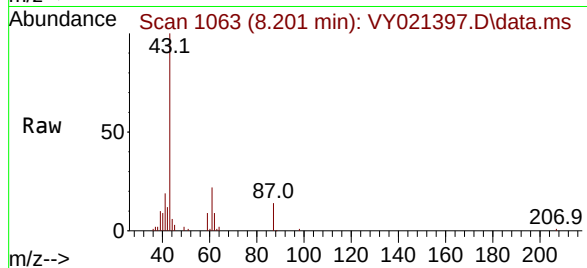
Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

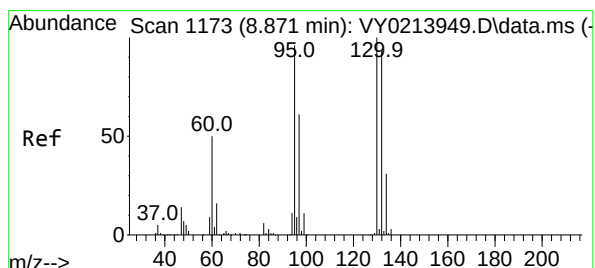
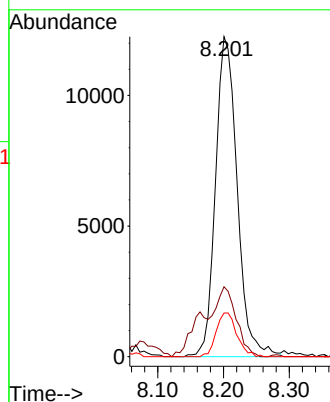
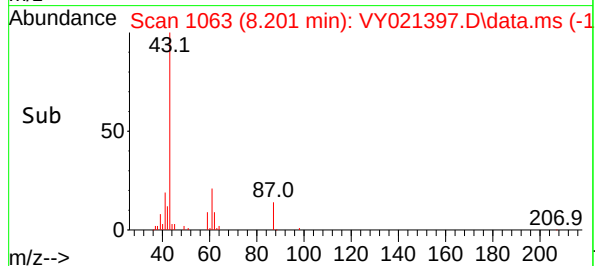


Tgt Ion:	43	Resp:	2813
Ion	Ratio	Lower	Upper
43	100		
61	21.6	23.4	35.0
87	13.0	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#44

Trichloroethene

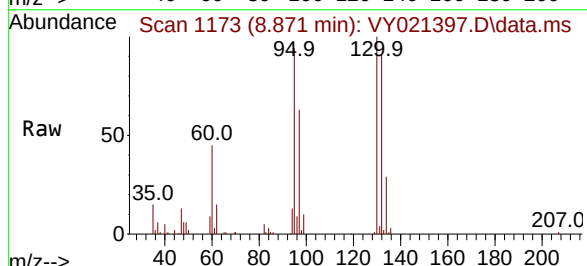
Concen: 10.179 ug/l

RT: 8.871 min Scan# 1173

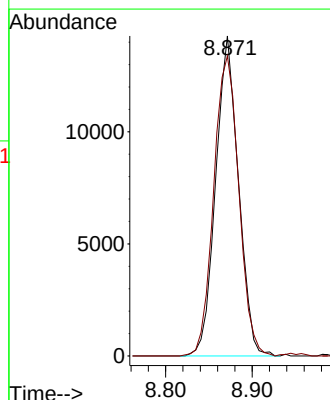
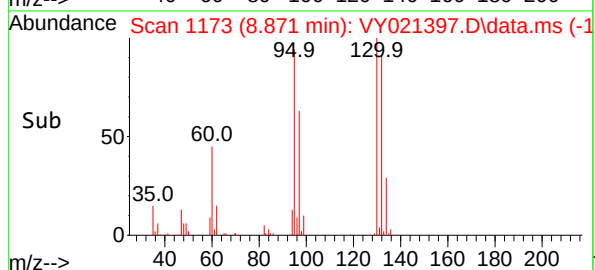
Delta R.T. 0.000 min

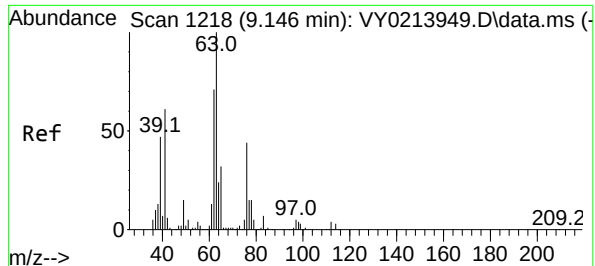
Lab File: VY021397.D

Acq: 04 Mar 2025 09:46



Tgt Ion:	130	Resp:	26077
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	191.6





#45

1,2-Dichloropropane

Concen: 10.294 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 24839

Ion Ratio Lower Upper

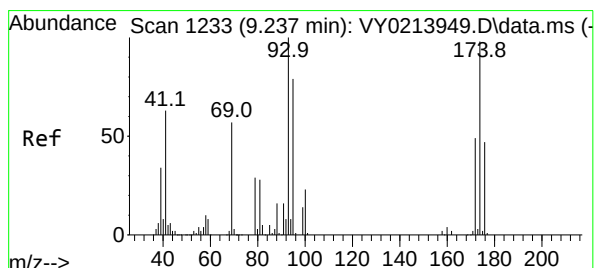
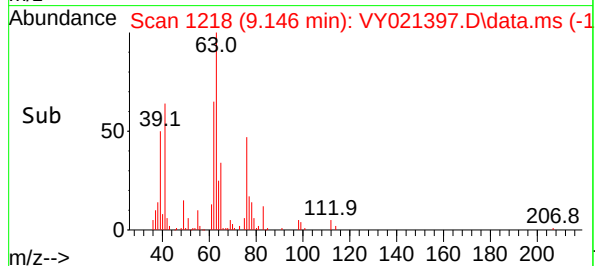
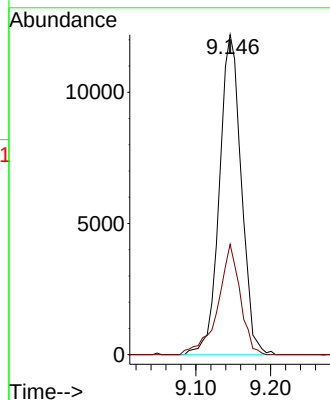
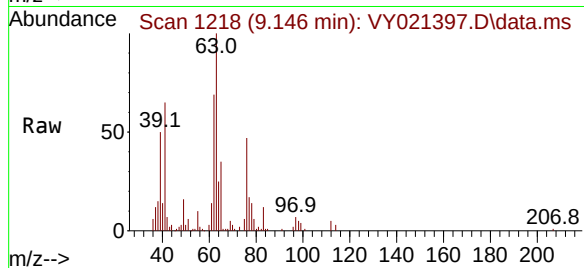
63 100

65 34.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025



#46

Dibromomethane

Concen: 10.081 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

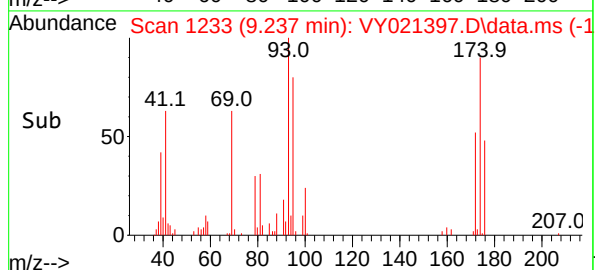
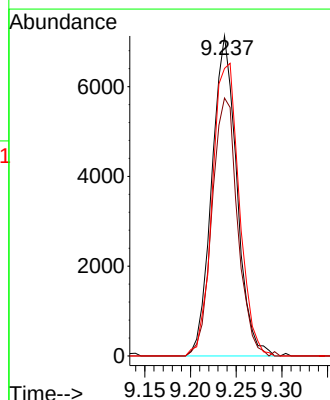
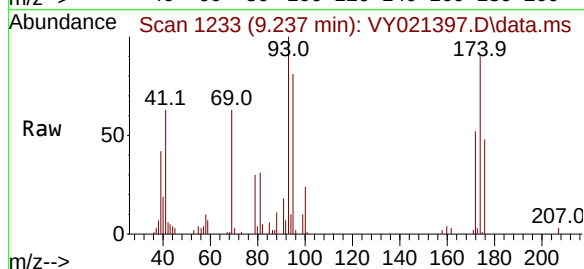
Tgt Ion: 93 Resp: 13535

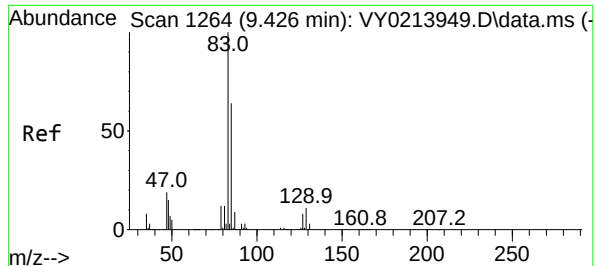
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 98.3 77.9 116.9





#47

Bromodichloromethane

Concen: 10.315 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

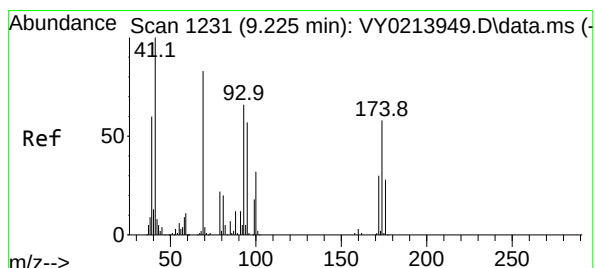
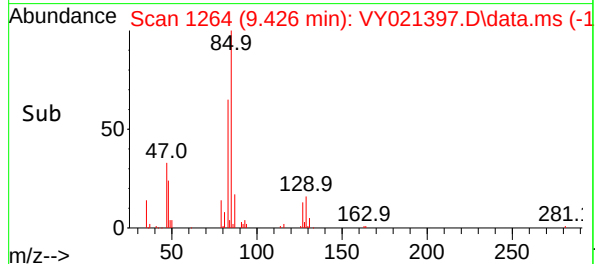
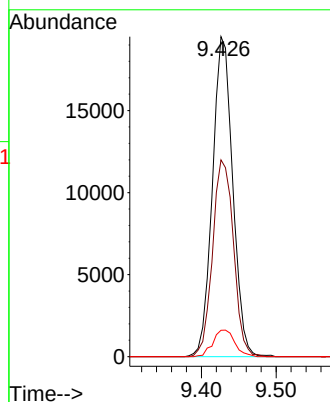
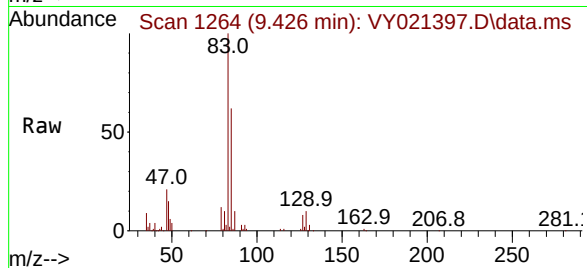
VSTDIC010

Tgt Ion:	83	Resp:	3677
Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.1	76.7
127	8.3	6.7	10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#48

Methyl methacrylate

Concen: 8.937 ug/l

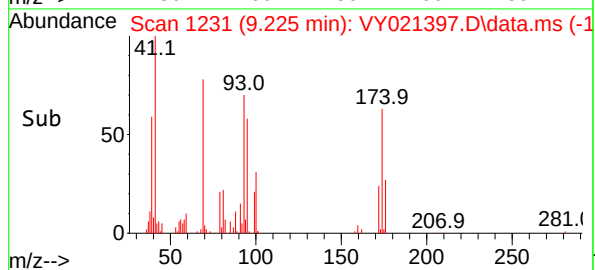
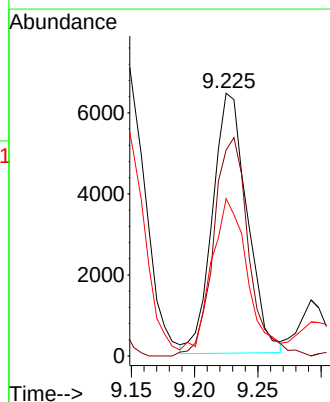
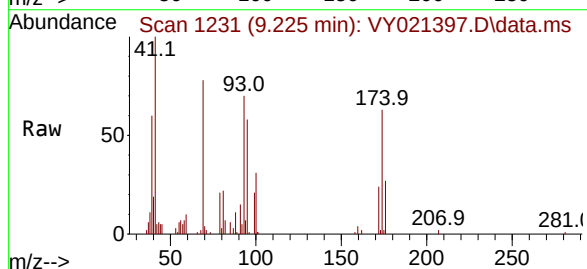
RT: 9.225 min Scan# 1231

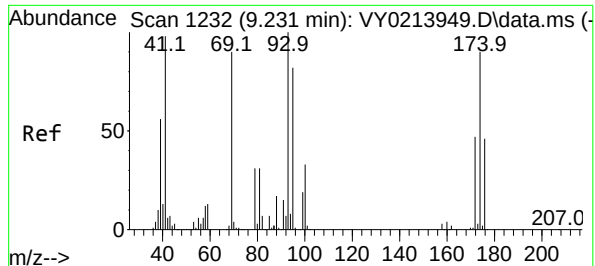
Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion:	41	Resp:	12236
Ion	Ratio	Lower	Upper
41	100		
69	84.4	67.8	101.8
39	58.8	46.4	69.6





#49

1,4-Dioxane

Concen: 177.344 ug/l

RT: 9.249 min Scan# 1235

Delta R.T. 0.018 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 233

Ion Ratio Lower Upper

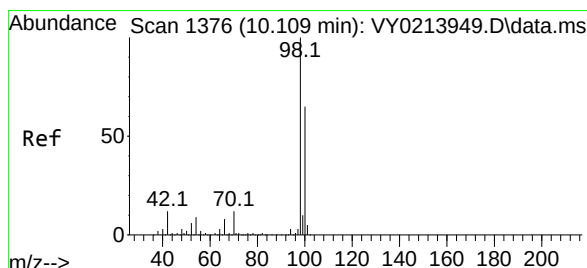
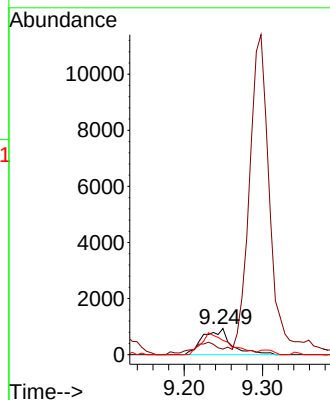
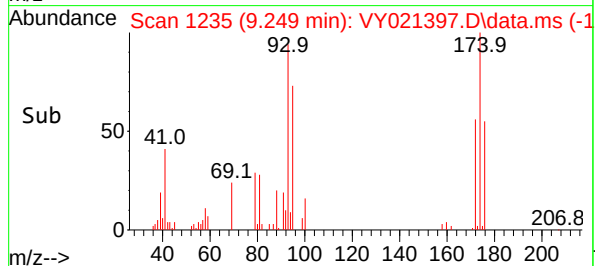
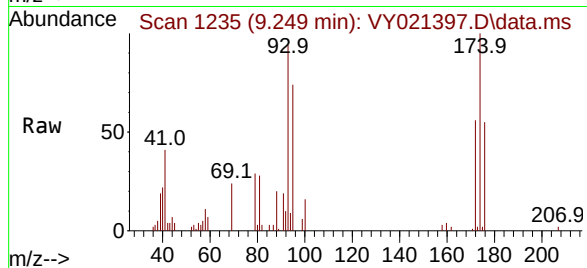
88 100

43 42.8 25.0 37.4

58 81.1 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#50

Toluene-d8

Concen: 10.256 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021397.D

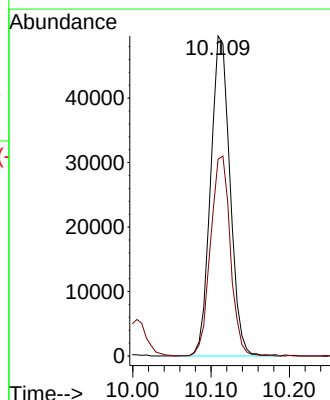
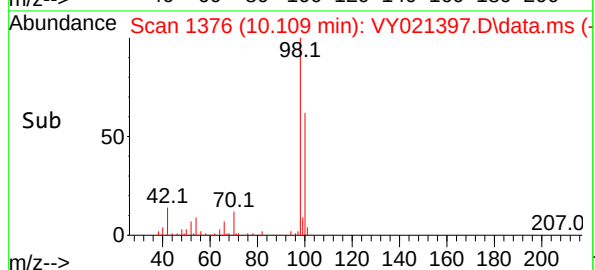
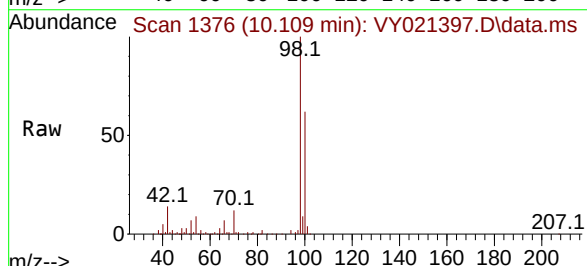
Acq: 04 Mar 2025 09:46

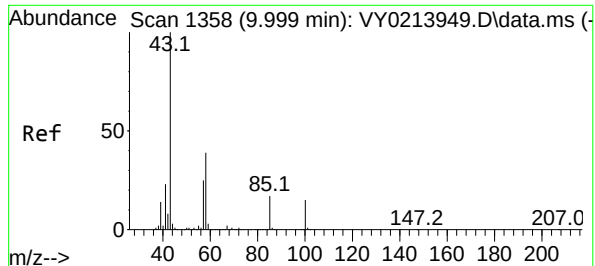
Tgt Ion: 98 Resp: 85383

Ion Ratio Lower Upper

98 100

100 63.9 52.1 78.1





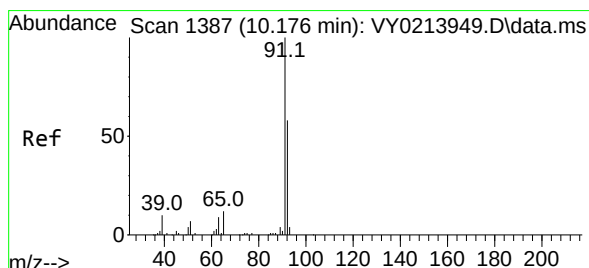
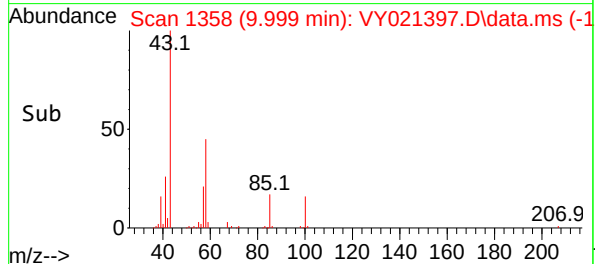
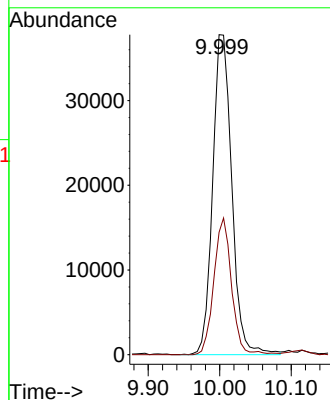
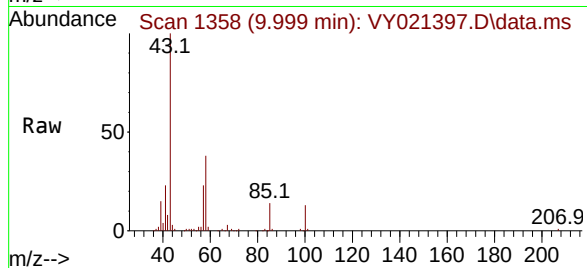
#51
4-Methyl-2-Pentanone
Concen: 46.097 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 70235
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.2

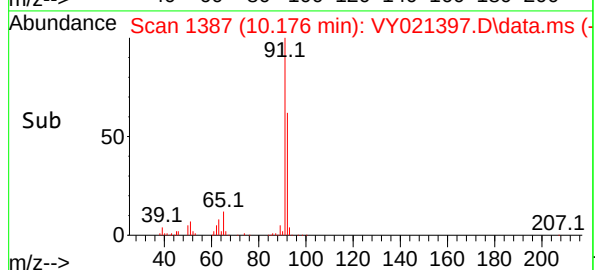
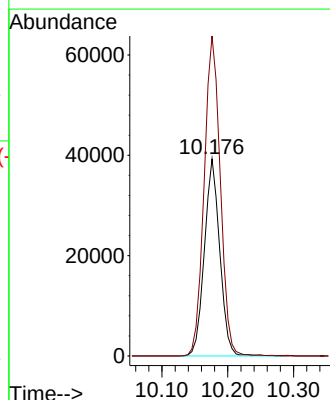
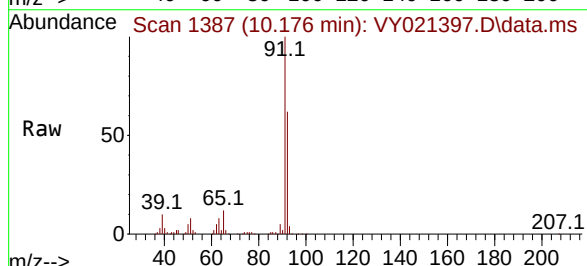
Manual Integrations
APPROVED

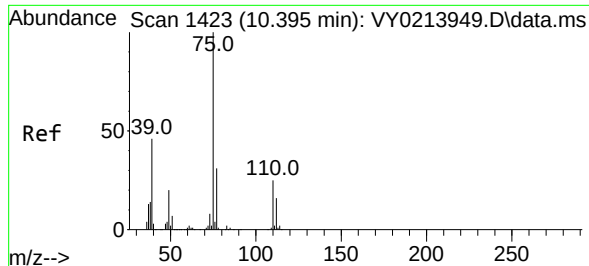
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 9.968 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

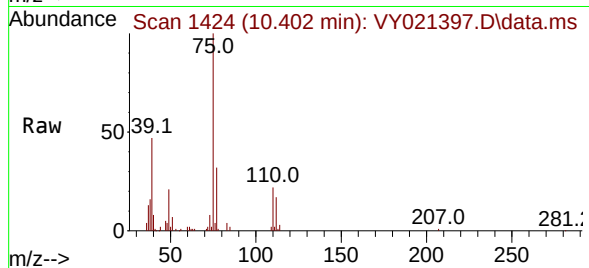
Tgt Ion: 92 Resp: 63716
Ion Ratio Lower Upper
92 100
91 171.3 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 9.528 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

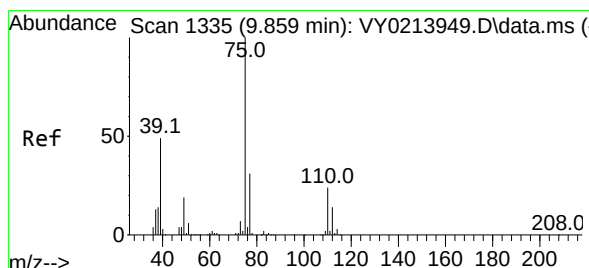
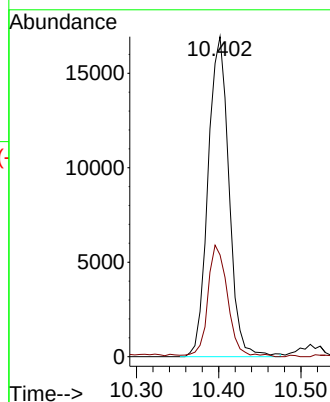
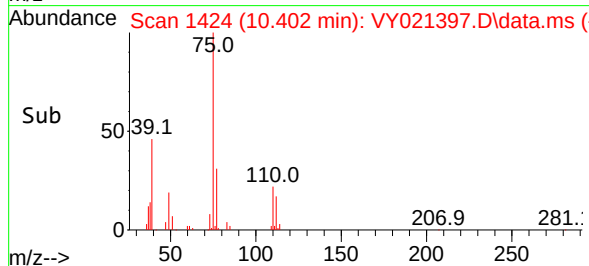
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 29928
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6

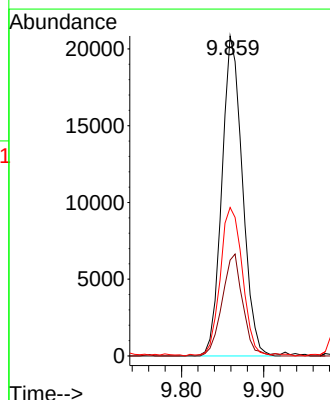
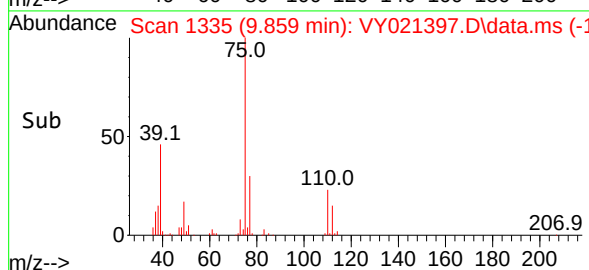
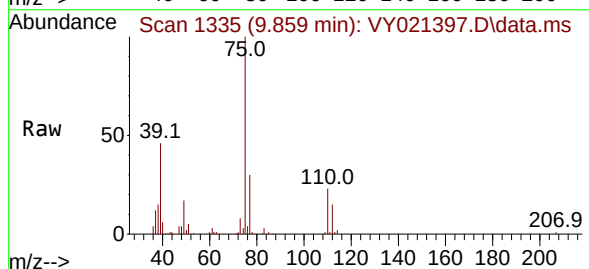
Manual Integrations
APPROVED

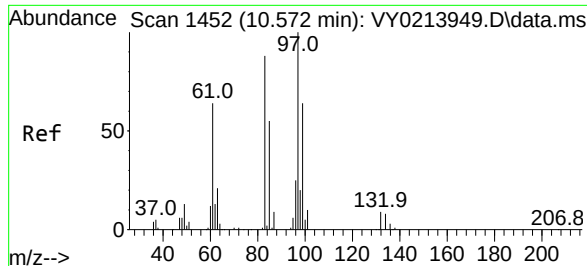
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 9.756 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

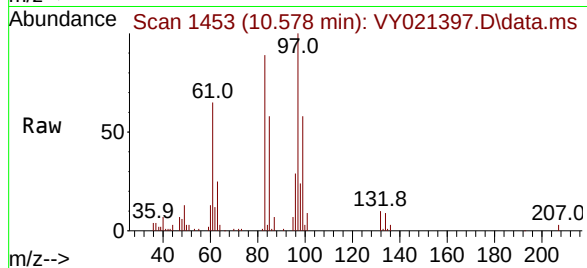
Tgt Ion: 75 Resp: 36383
Ion Ratio Lower Upper
75 100
77 30.0 24.6 37.0
39 46.0 39.4 59.2





#55
1,1,2-Trichloroethane
Concen: 10.069 ug/l
RT: 10.578 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

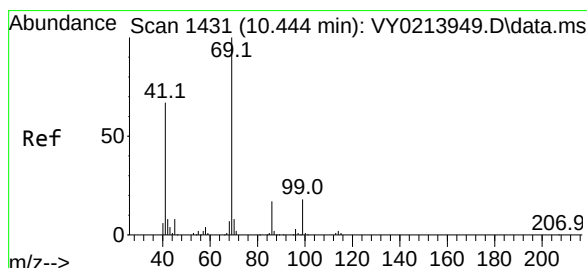
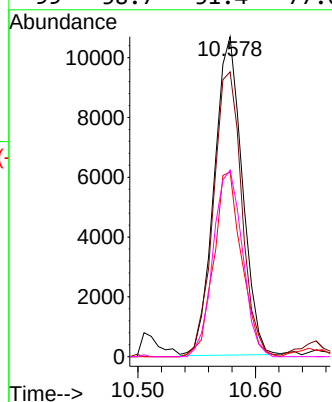
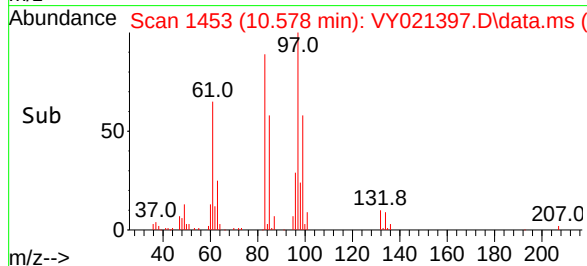
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 97 Resp: 1768
Ion Ratio Lower Upper
97 100
83 89.6 70.0 105.0
85 58.1 44.3 66.5
99 58.7 51.4 77.0

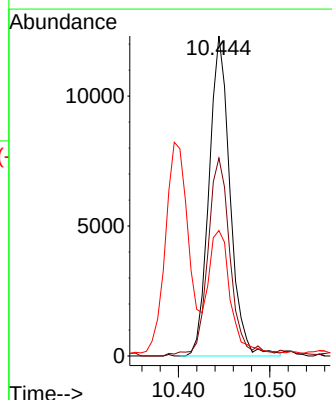
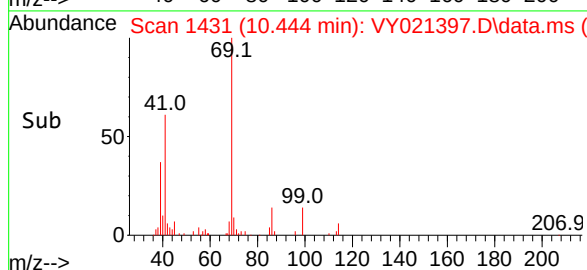
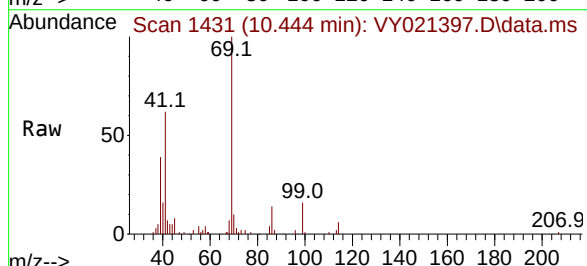
Manual Integrations
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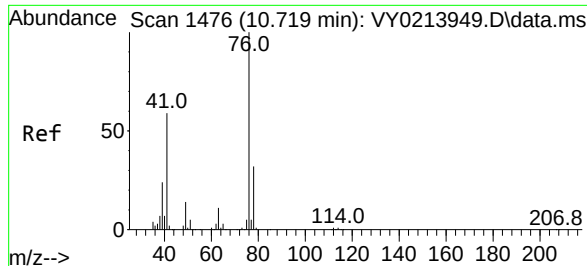
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#56
Ethyl methacrylate
Concen: 8.757 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion: 69 Resp: 19614
Ion Ratio Lower Upper
69 100
41 66.0 53.3 79.9
39 39.0 31.0 46.6





#57

1,3-Dichloropropane

Concen: 10.151 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 3089

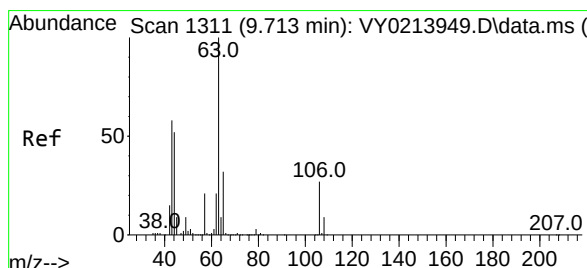
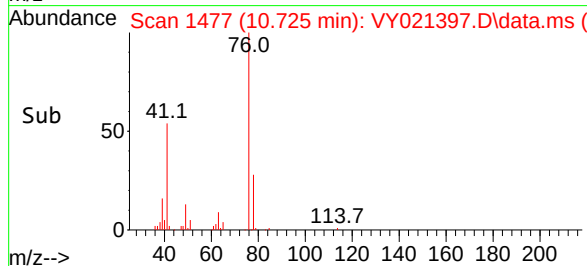
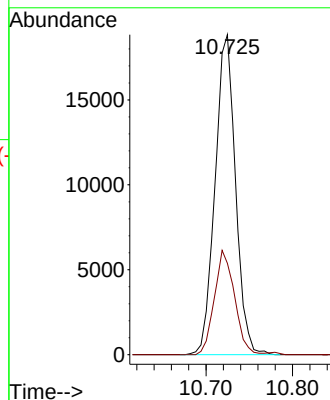
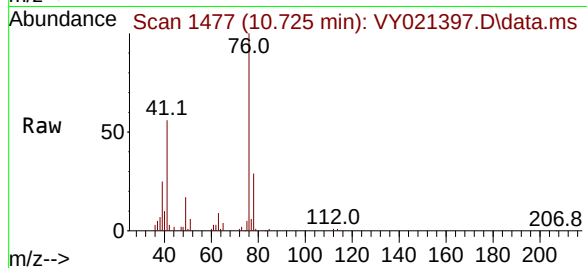
Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#58

2-Chloroethyl Vinyl ether

Concen: 43.615 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021397.D

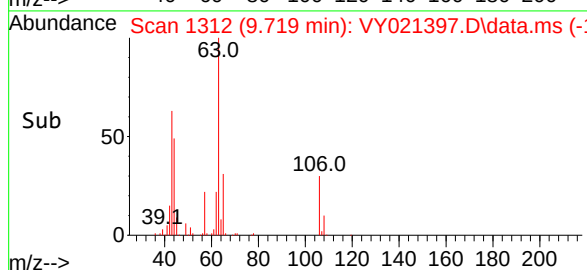
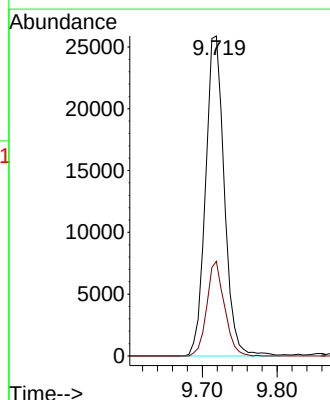
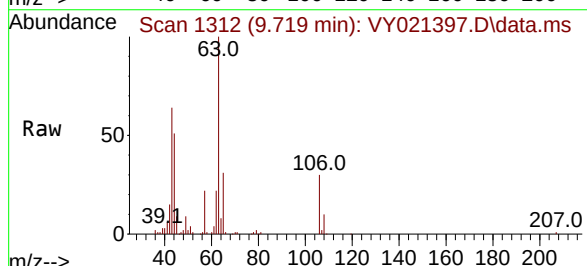
Acq: 04 Mar 2025 09:46

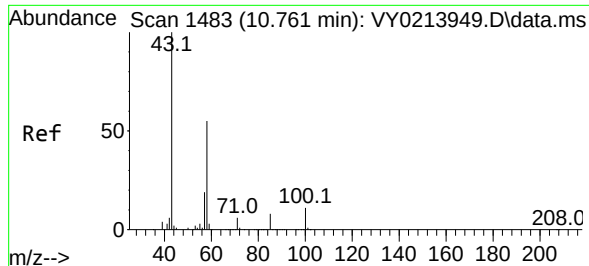
Tgt Ion: 63 Resp: 45096

Ion Ratio Lower Upper

63 100

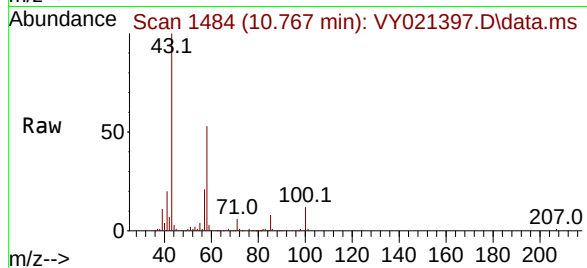
106 27.8 22.1 33.1





#59
2-Hexanone
Concen: 44.876 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

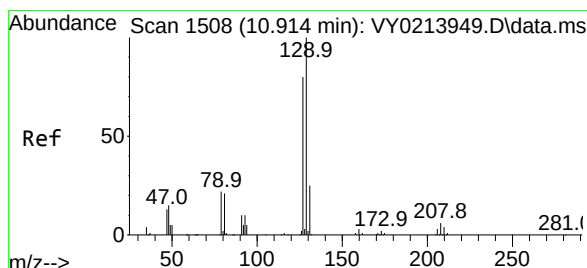
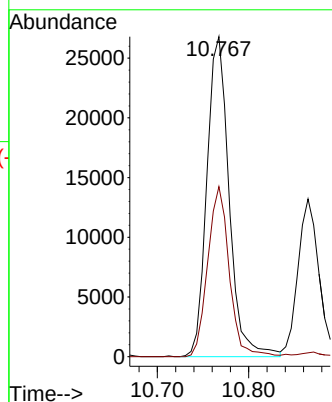
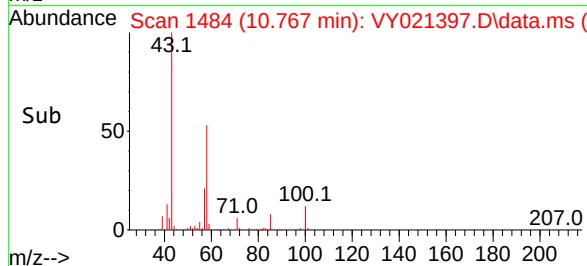
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 4521
Ion Ratio Lower Upper
43 100
58 51.4 27.3 81.8

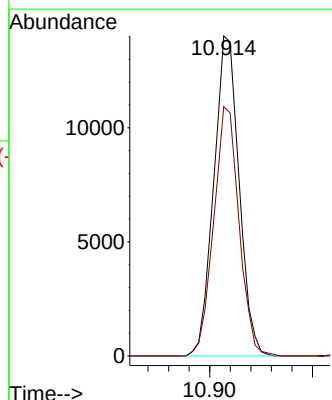
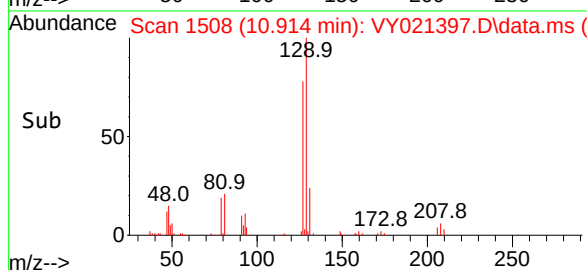
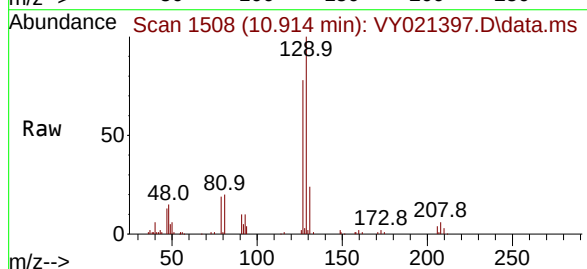
Manual Integrations
APPROVED

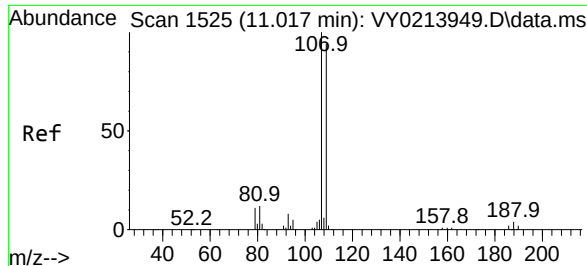
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60
Dibromochloromethane
Concen: 9.936 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

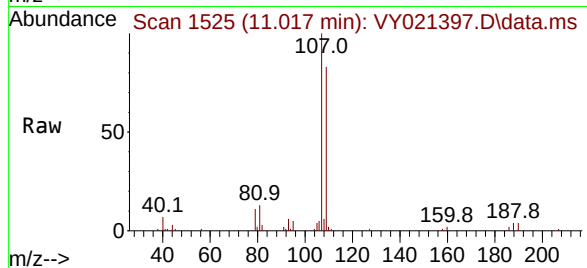
Tgt Ion:129 Resp: 23922
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3





#61
1,2-Dibromoethane
Concen: 9.938 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

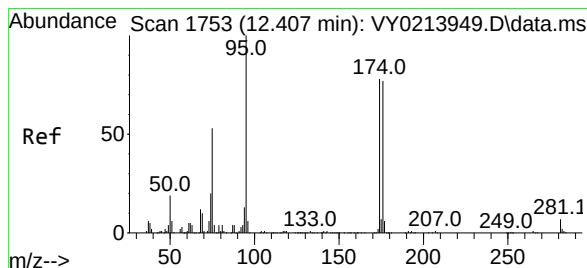
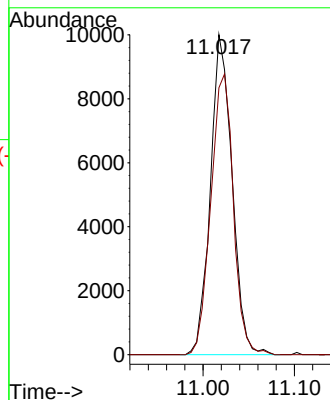
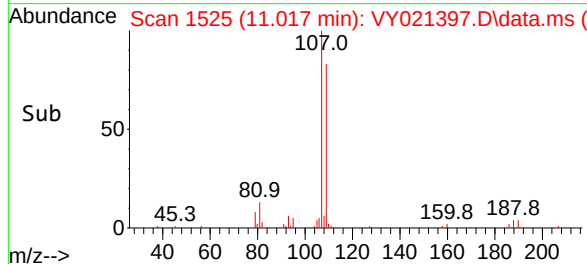
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 107 Resp: 16472
Ion Ratio Lower Upper
107 100
109 91.1 75.8 113.8

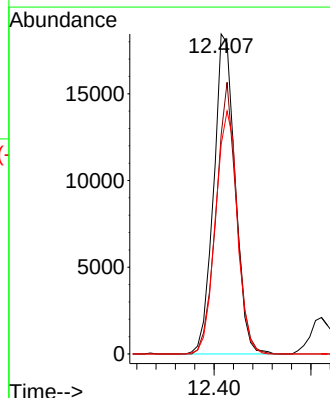
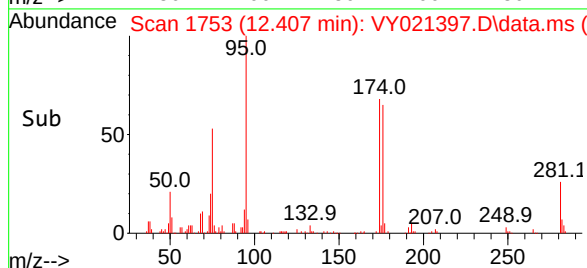
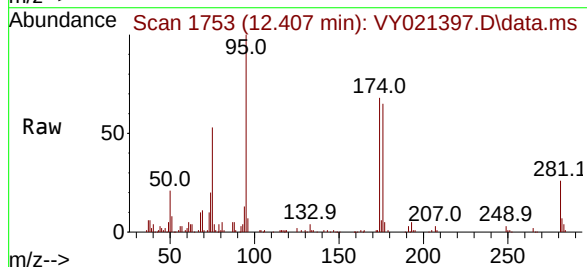
Manual Integrations
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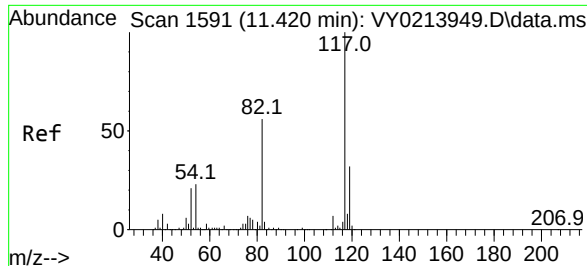
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 10.022 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

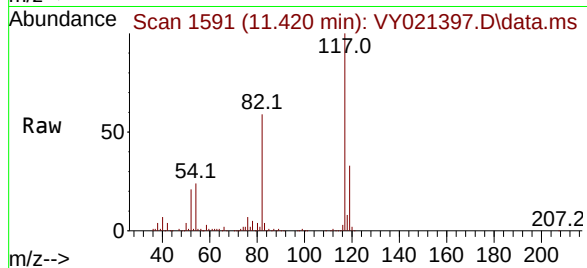
Tgt Ion: 95 Resp: 28379
Ion Ratio Lower Upper
95 100
174 80.7 0.0 165.0
176 77.7 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

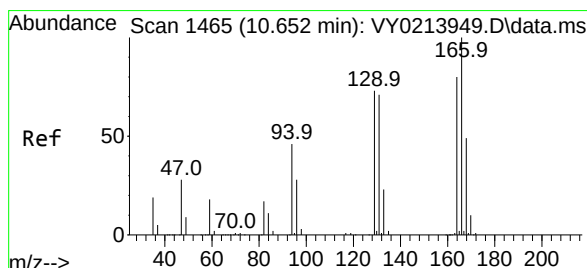
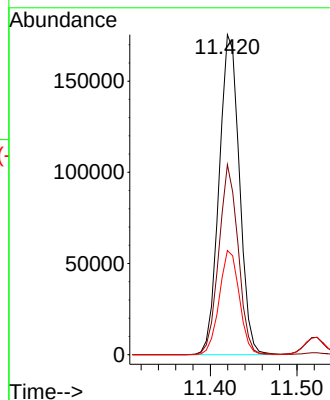
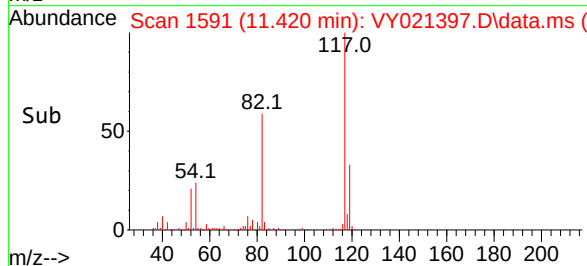
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 286225
Ion Ratio Lower Upper
117 100
82 59.4 44.6 67.0
119 32.6 25.4 38.0

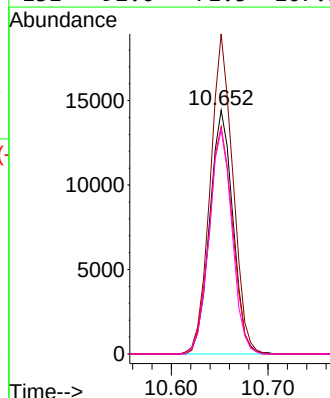
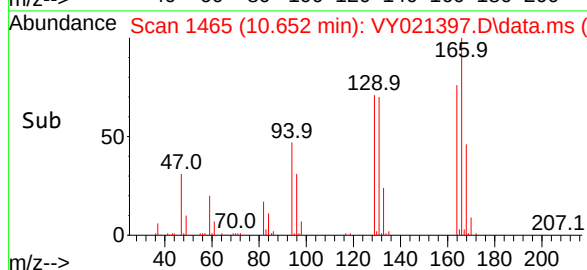
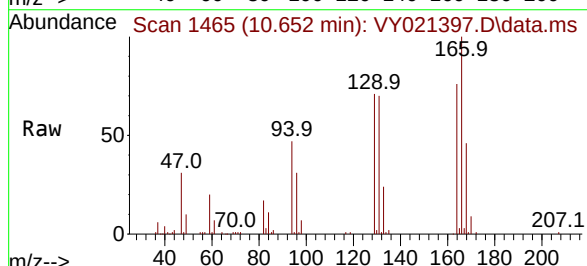
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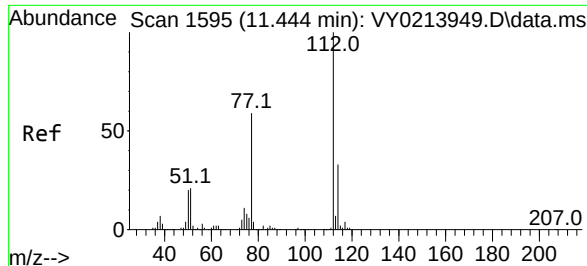
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#64
Tetrachloroethene
Concen: 10.289 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion:164 Resp: 23948
Ion Ratio Lower Upper
164 100
166 131.3 100.4 150.6
129 93.3 73.8 110.8
131 92.0 71.5 107.3





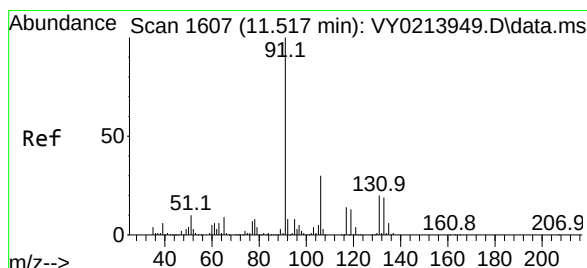
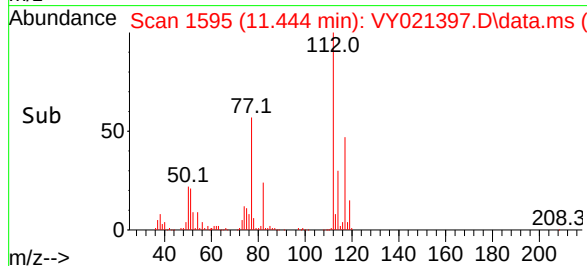
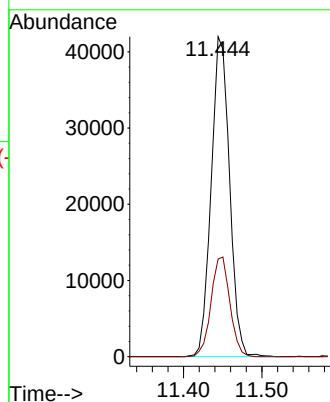
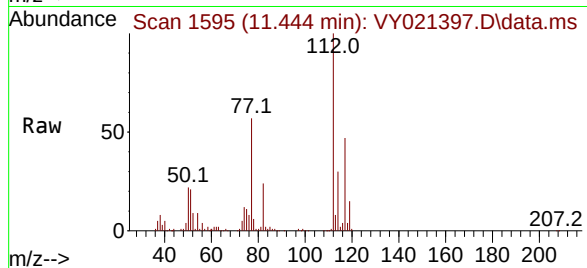
#65
Chlorobenzene
Concen: 10.110 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 6833
Ion Ratio Lower Upper
112 100
114 30.5 26.1 39.1

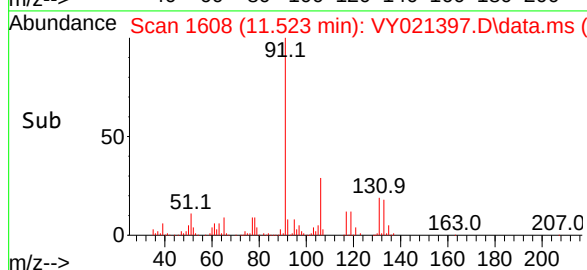
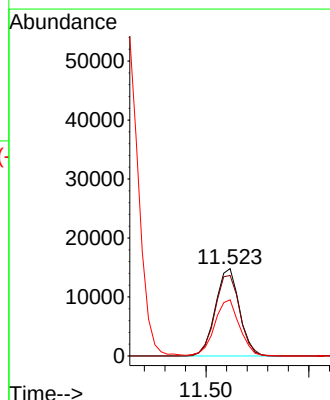
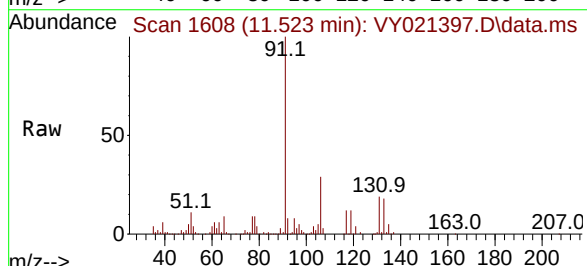
Manual Integrations
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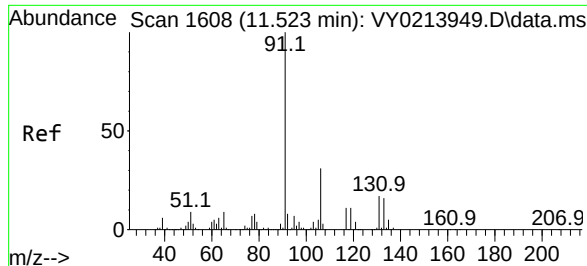
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 10.065 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion:131 Resp: 24052
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 66.7 32.3 96.9





#67

Ethyl Benzene

Concen: 9.676 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 11479

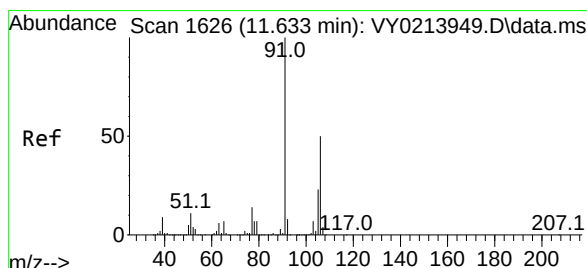
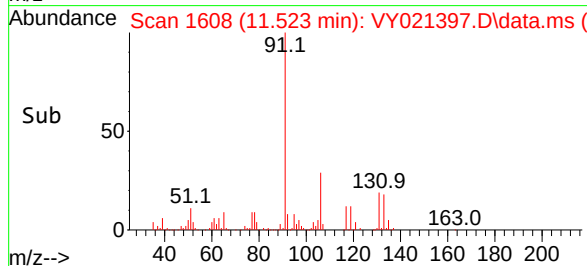
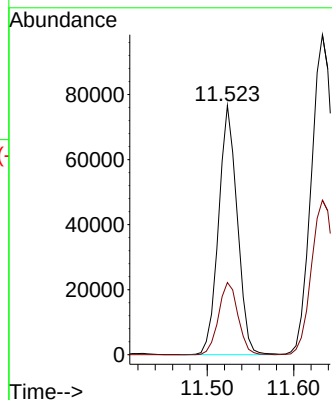
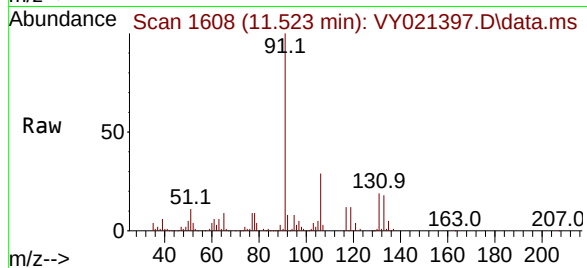
Ion Ratio Lower Upper

91 100

106 28.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#68

m/p-Xylenes

Concen: 19.346 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021397.D

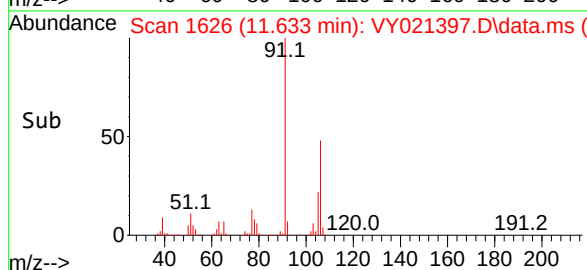
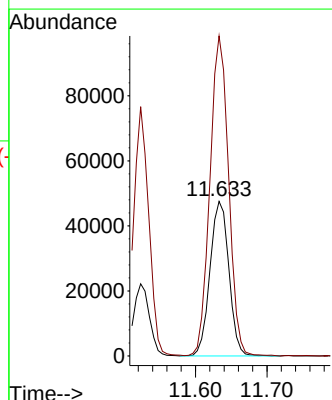
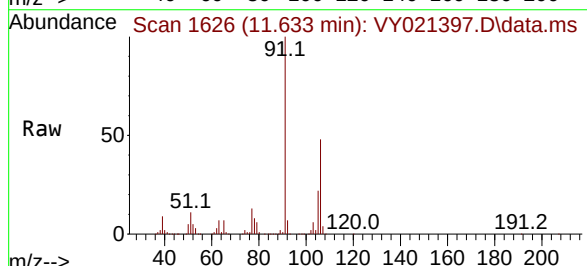
Acq: 04 Mar 2025 09:46

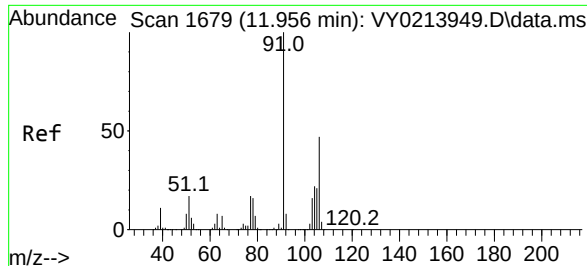
Tgt Ion:106 Resp: 87134

Ion Ratio Lower Upper

106 100

91 205.2 161.7 242.5





#69

o-Xylene

Concen: 9.655 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:106 Resp: 40080

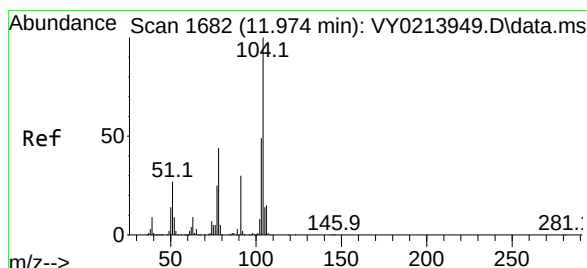
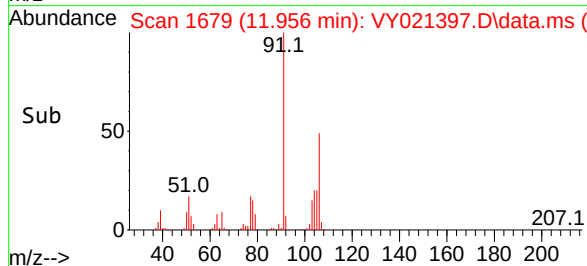
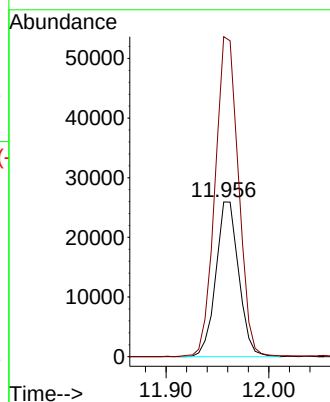
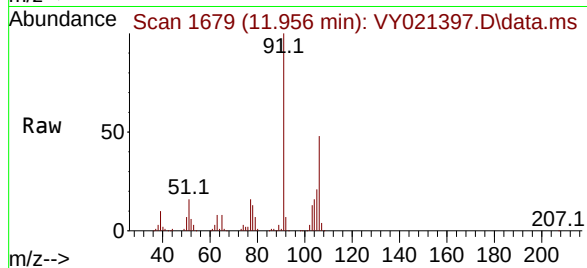
Ion Ratio Lower Upper

106 100

91 212.6 107.6 322.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#70

Styrene

Concen: 9.416 ug/l

RT: 11.974 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

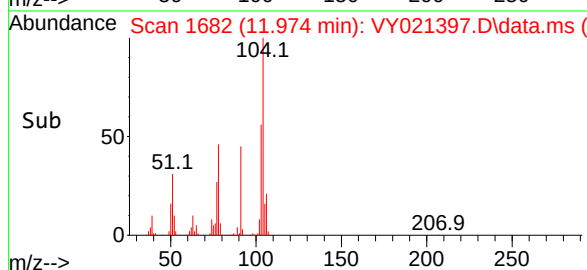
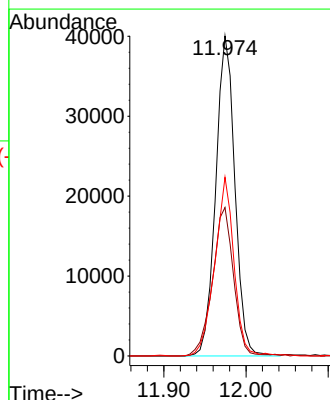
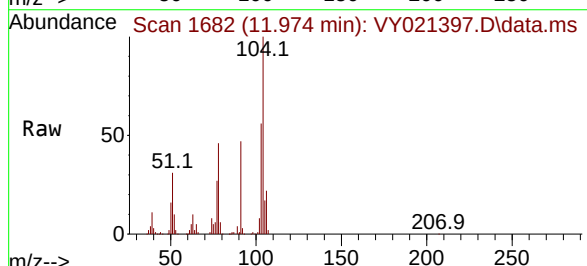
Tgt Ion:104 Resp: 64841

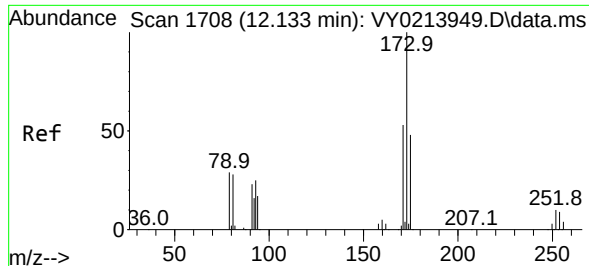
Ion Ratio Lower Upper

104 100

78 51.1 40.7 61.1

103 56.5 44.1 66.1





#71

Bromoform

Concen: 9.719 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:173 Resp: 1298

Ion Ratio Lower Upper

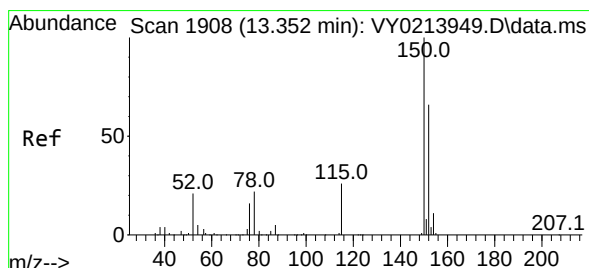
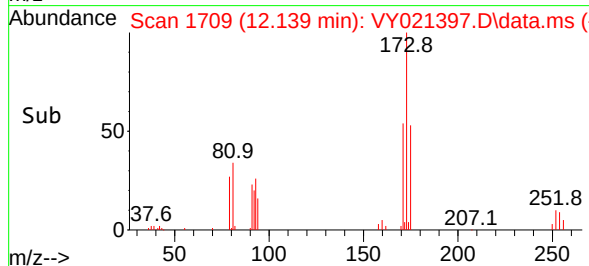
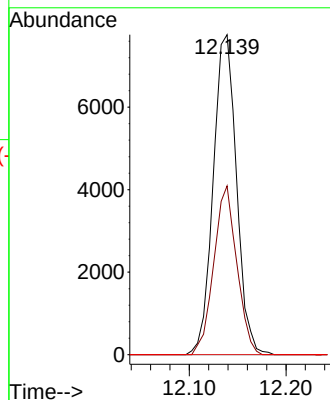
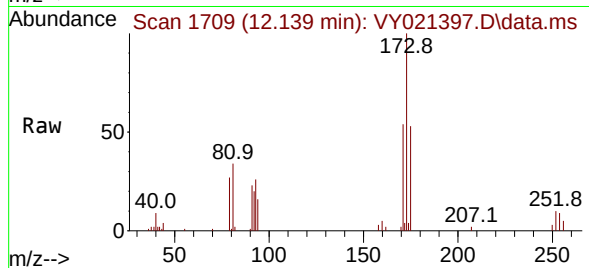
173 100

175 52.2 23.9 71.7

254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

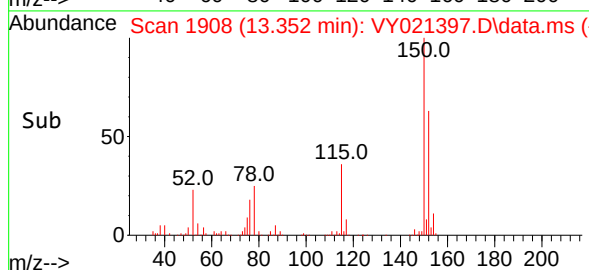
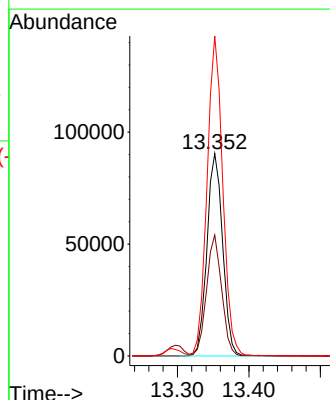
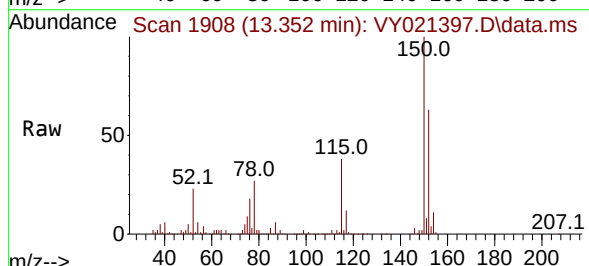
Tgt Ion:152 Resp: 137839

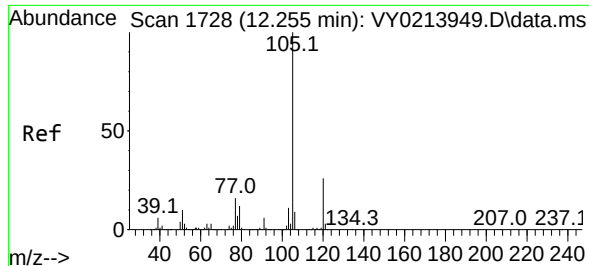
Ion Ratio Lower Upper

152 100

115 57.3 29.0 87.0

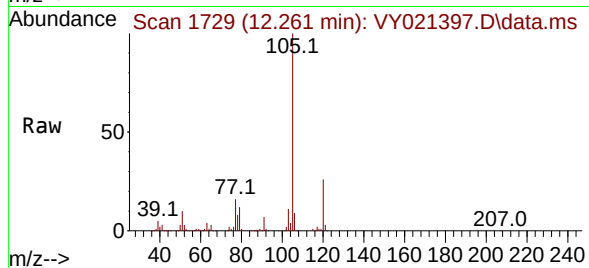
150 158.4 0.0 347.2





#73
Isopropylbenzene
Concen: 9.639 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

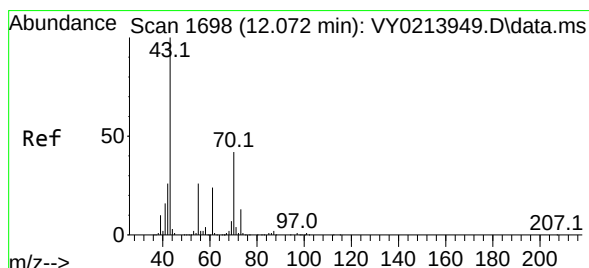
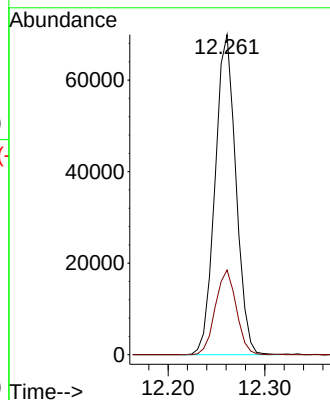
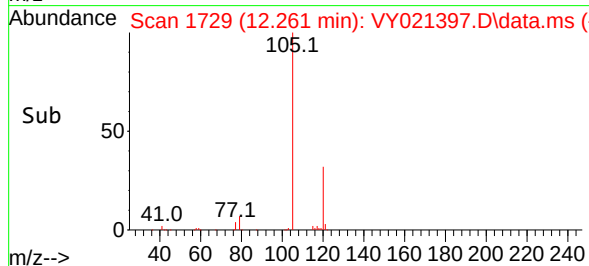
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:105 Resp: 10466
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

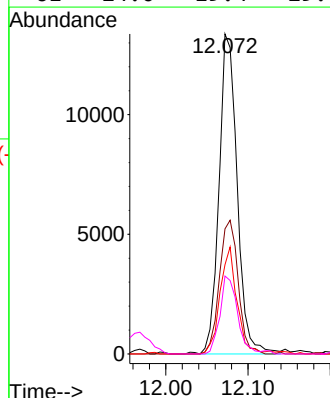
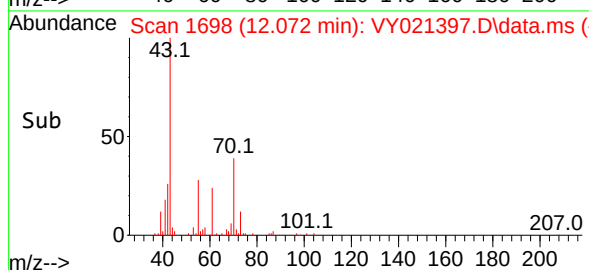
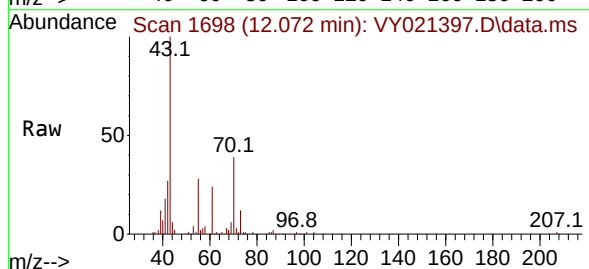
Manual Integrations
APPROVED

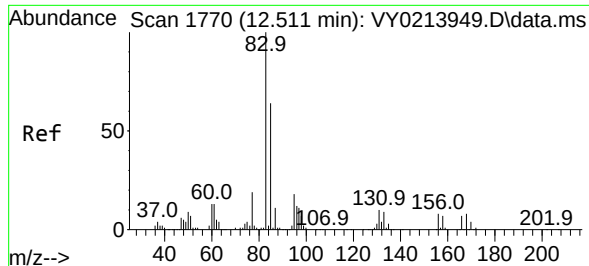
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 8.725 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion: 43 Resp: 20573
Ion Ratio Lower Upper
43 100
70 43.1 34.6 51.8
55 31.1 21.1 31.7
61 24.0 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.249 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 19638

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

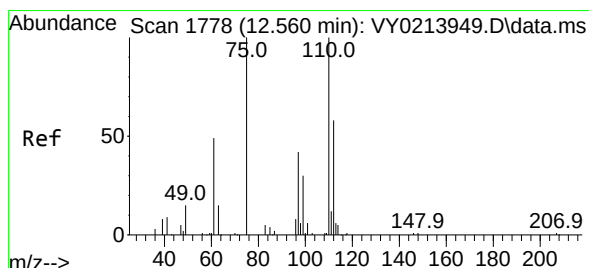
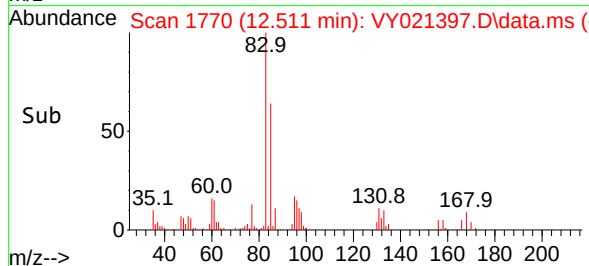
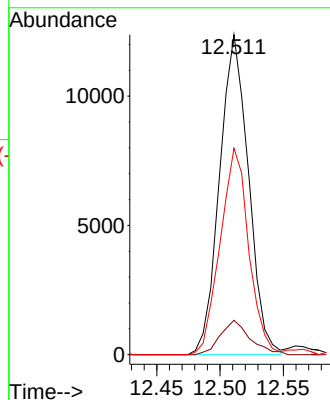
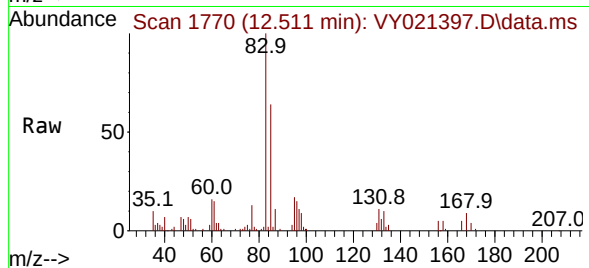
85 63.9 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#76

1,2,3-Trichloropropane

Concen: 10.371 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021397.D

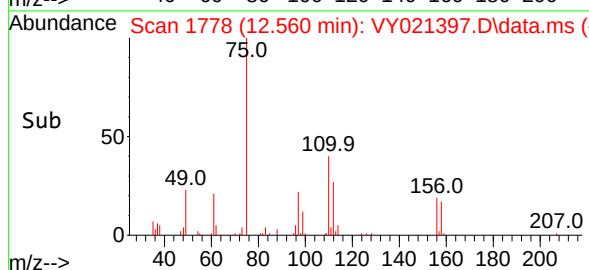
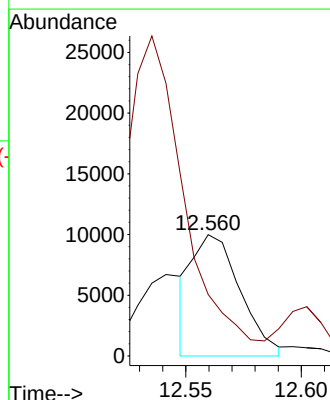
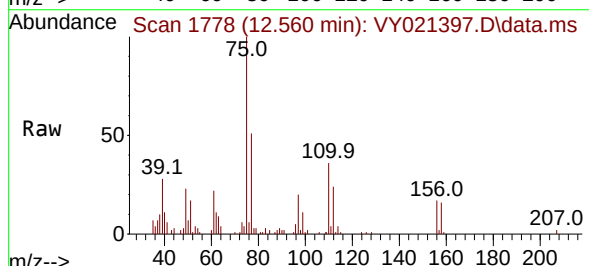
Acq: 04 Mar 2025 09:46

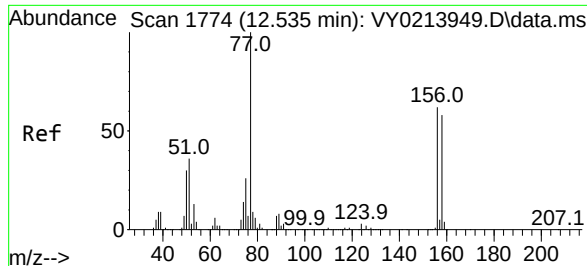
Tgt Ion: 75 Resp: 14405

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.073 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

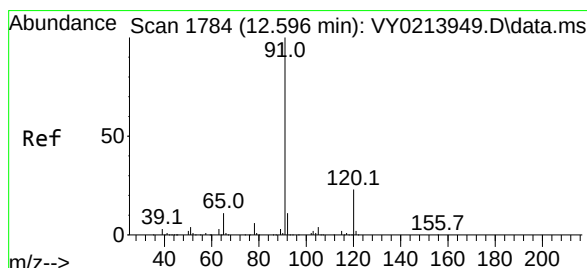
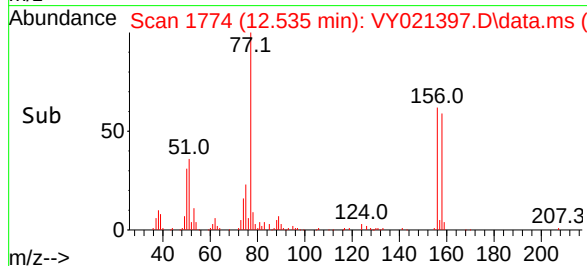
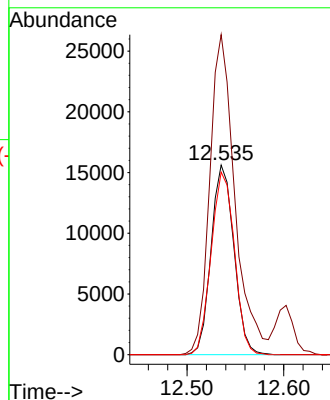
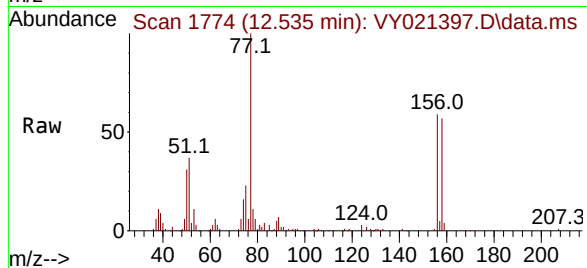
VSTDIC010

Tgt Ion:	156	Resp:	2558
Ion Ratio	Lower	Upper	
156	100		
77	186.2	93.6	280.8
158	98.0	48.3	144.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78

n-propylbenzene

Concen: 9.626 ug/l

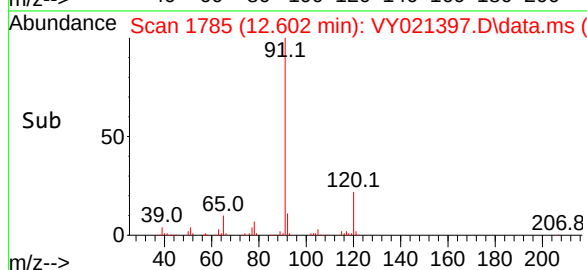
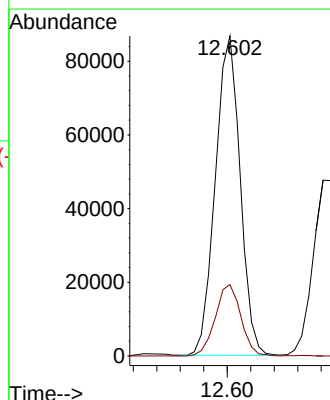
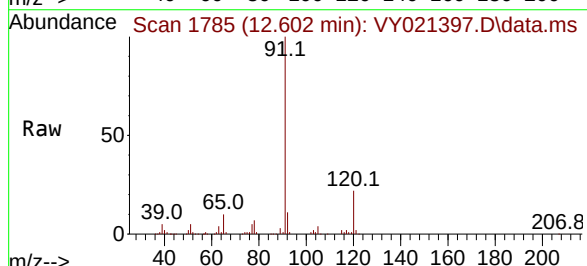
RT: 12.602 min Scan# 1785

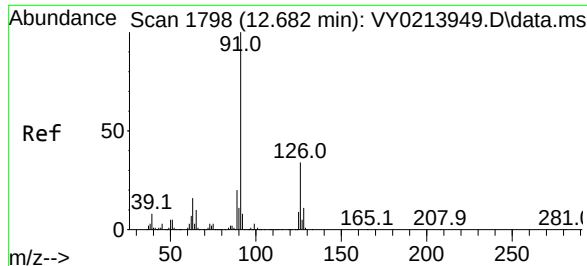
Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion:	91	Resp:	126938
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.3	33.8





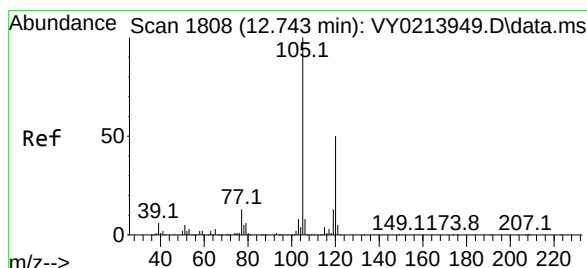
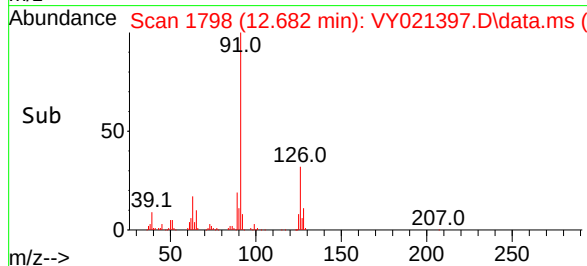
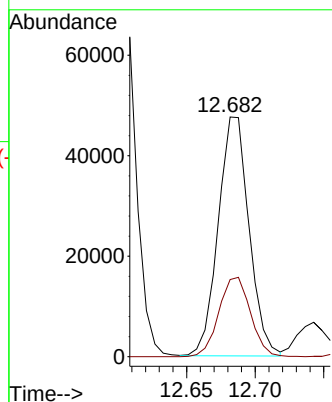
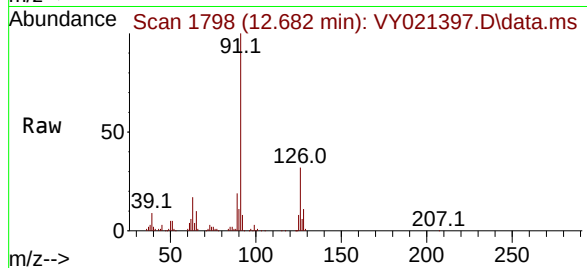
#79
2-Chlorotoluene
Concen: 9.898 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 7463
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6

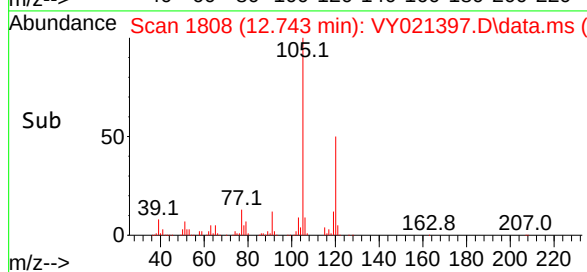
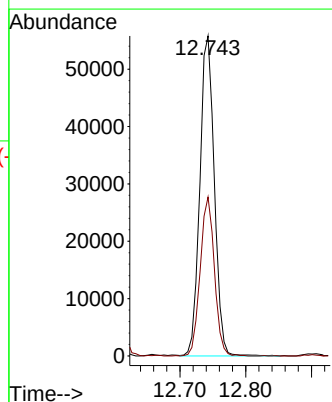
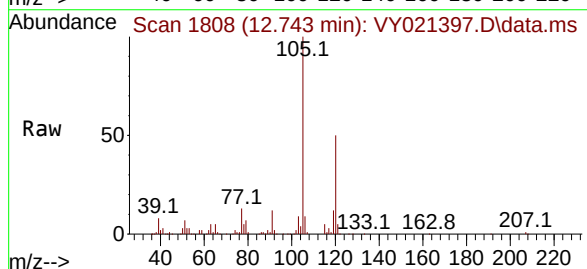
Manual Integrations
APPROVED

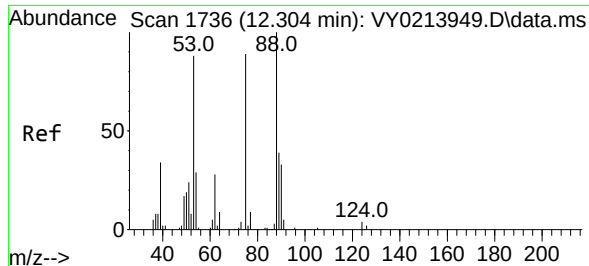
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 9.673 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion:105 Resp: 85353
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 9.650 ug/l

RT: 12.304 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

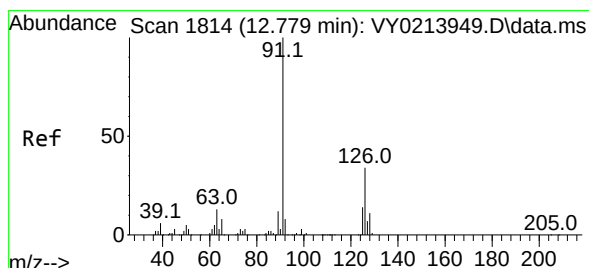
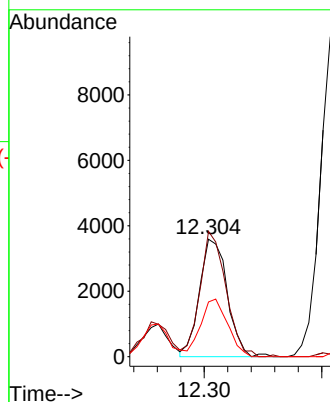
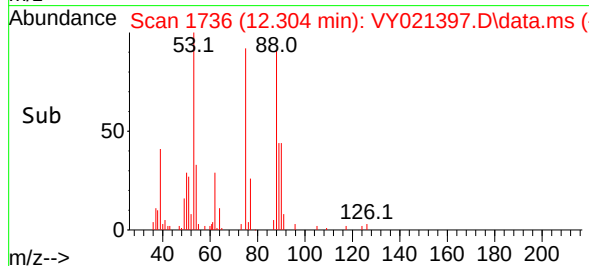
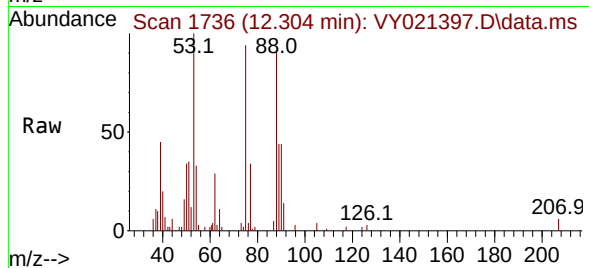
VSTDIC010

Tgt Ion:	75	Resp:	5890
Ion Ratio	Lower	Upper	
75	100		
53	99.6	81.0	121.4
89	47.2	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#82

4-Chlorotoluene

Concen: 10.118 ug/l

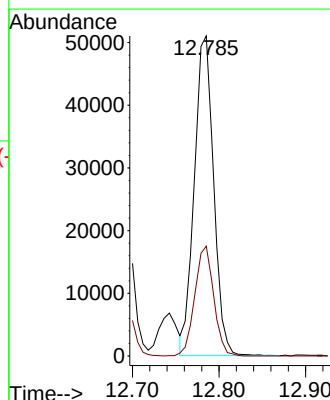
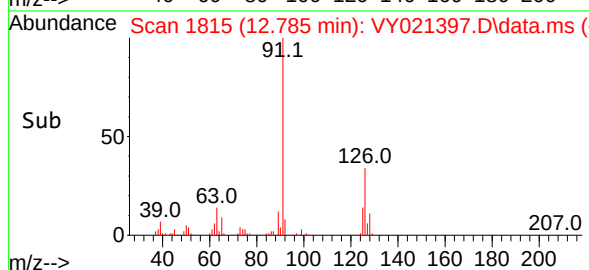
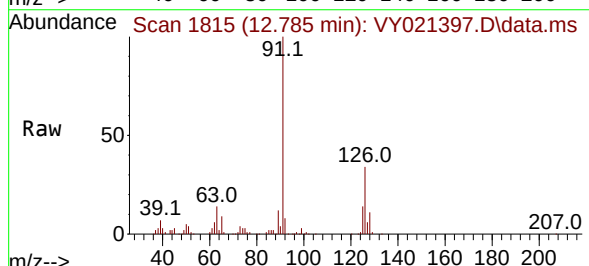
RT: 12.785 min Scan# 1815

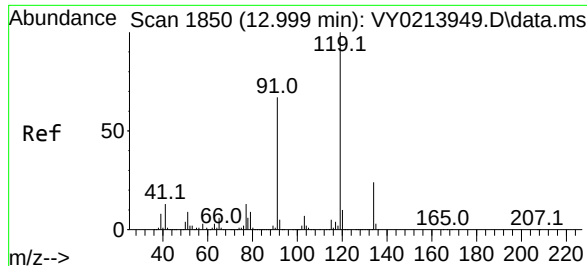
Delta R.T. 0.006 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion:	91	Resp:	78997
Ion Ratio	Lower	Upper	
91	100		
126	33.7	17.0	51.0





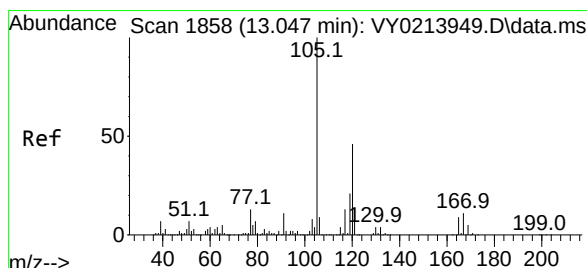
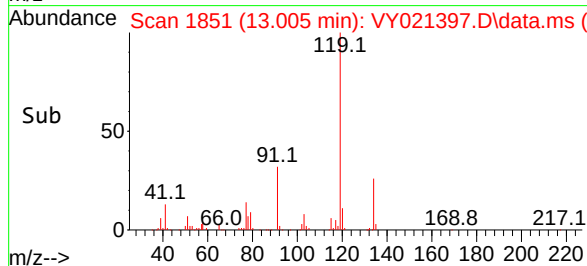
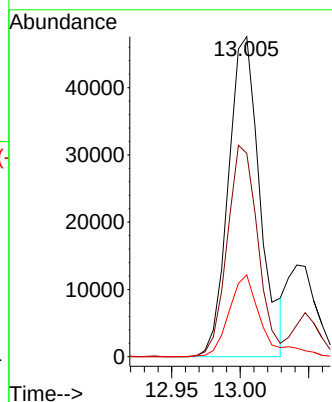
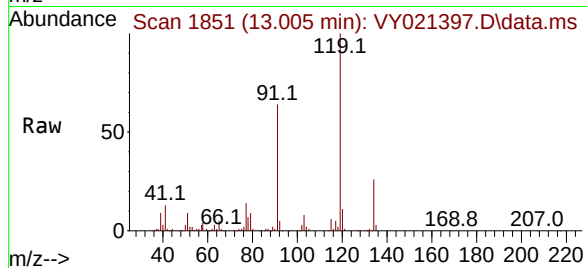
#83
tert-Butylbenzene
Concen: 9.705 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 76394
Ion Ratio Lower Upper
119 100
91 64.1 33.2 99.6
134 26.2 13.5 40.5

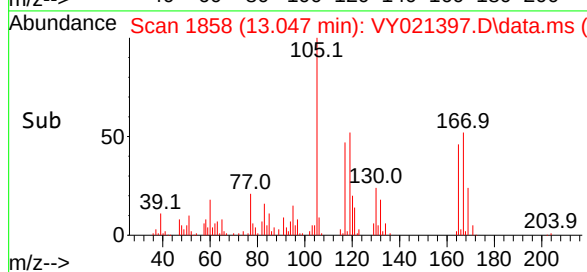
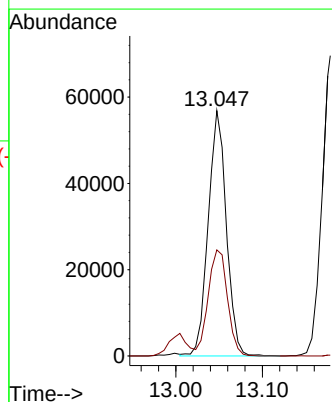
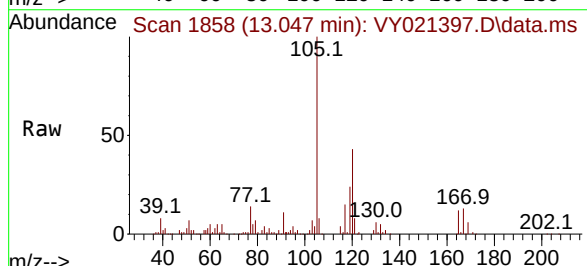
Manual Integrations
APPROVED

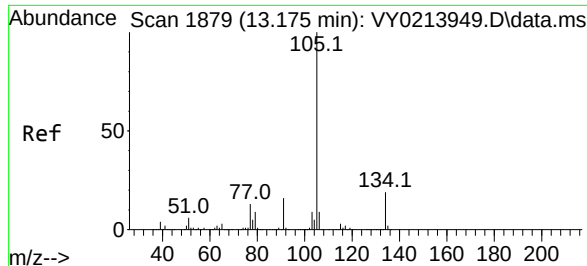
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#84
1,2,4-Trimethylbenzene
Concen: 9.458 ug/l
RT: 13.047 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion:105 Resp: 82865
Ion Ratio Lower Upper
105 100
120 45.7 22.7 68.1





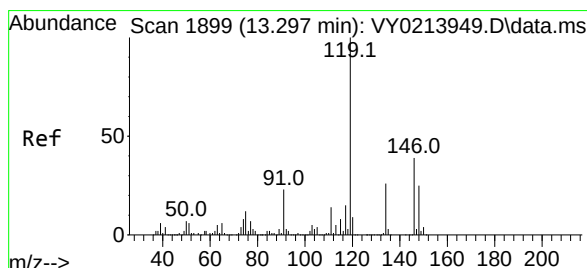
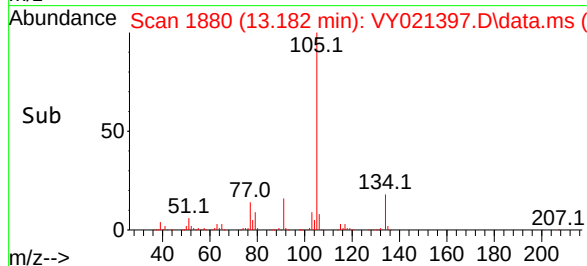
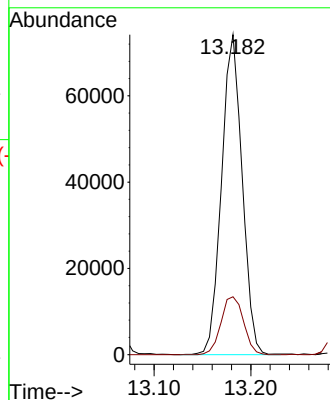
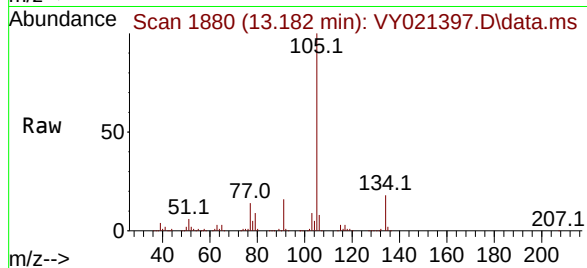
#85
sec-Butylbenzene
Concen: 9.362 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 10964
Ion Ratio Lower Upper
105 100
134 19.8 9.9 29.7

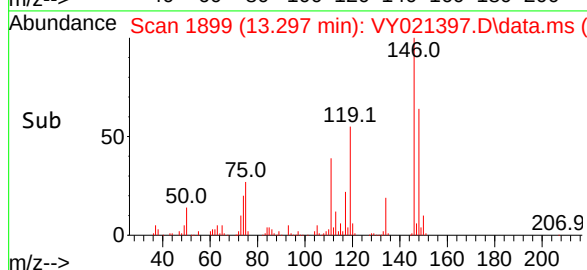
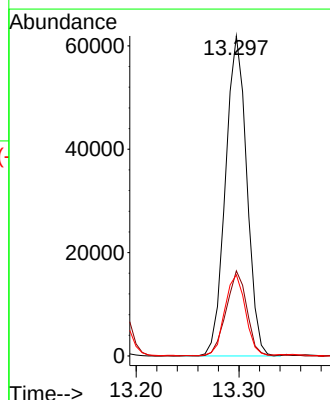
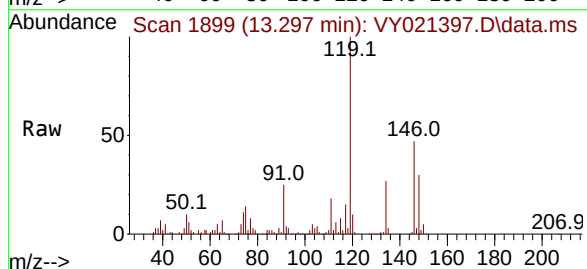
Manual Integrations
APPROVED

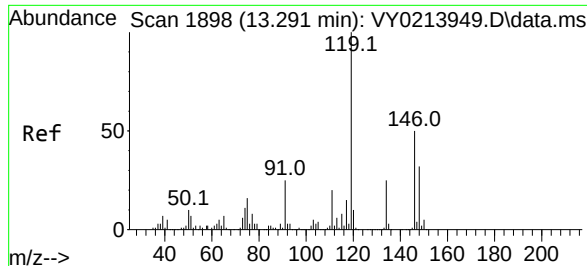
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#86
p-Isopropyltoluene
Concen: 9.248 ug/l
RT: 13.297 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion:119 Resp: 89228
Ion Ratio Lower Upper
119 100
134 25.8 13.1 39.1
91 24.5 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 10.147 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

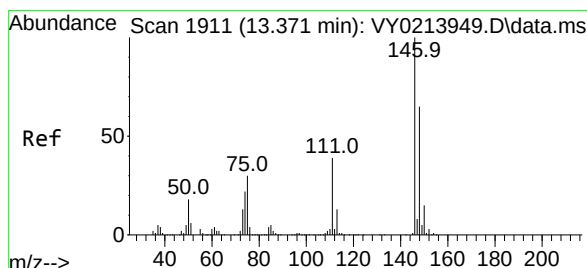
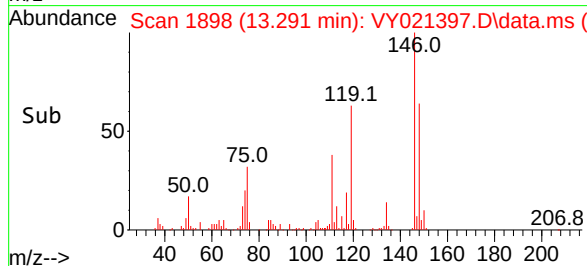
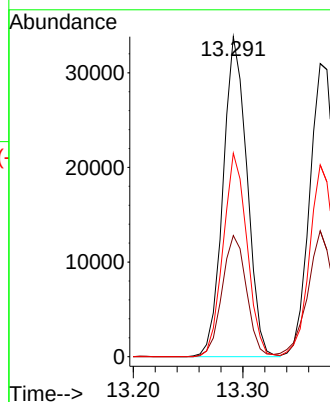
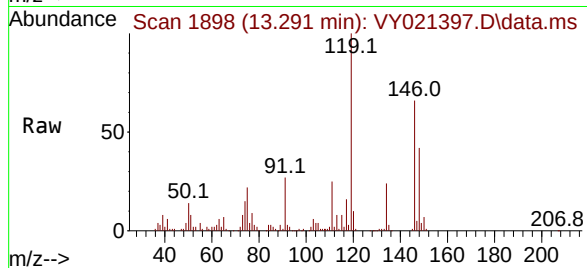
VSTDIC010

Tgt Ion:	146	Resp:	5130
Ion Ratio	Lower	Upper	
146	100		
111	38.6	20.0	60.0
148	63.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#88

1,4-Dichlorobenzene

Concen: 10.143 ug/l

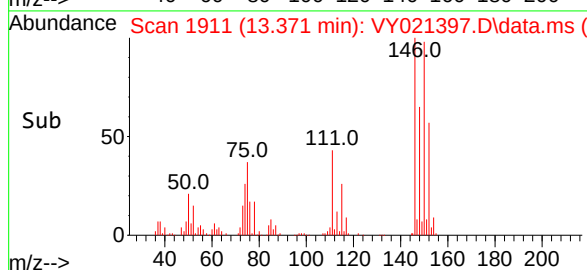
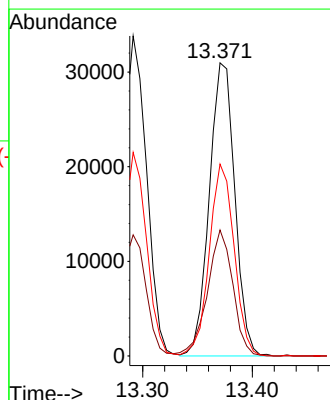
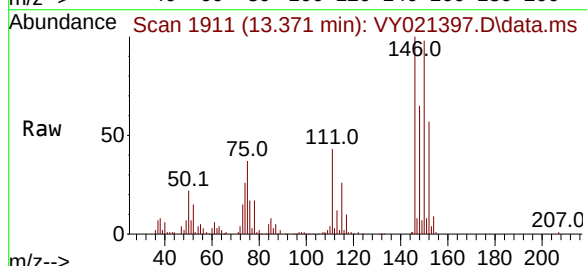
RT: 13.371 min Scan# 1911

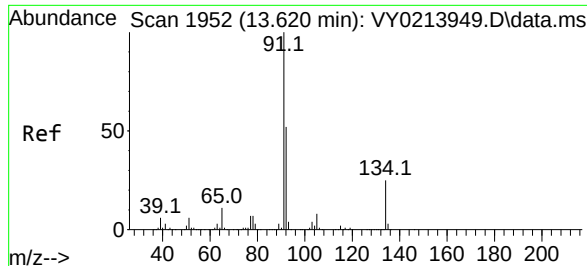
Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion:	146	Resp:	50160
Ion Ratio	Lower	Upper	
146	100		
111	43.0	19.6	58.8
148	63.9	32.3	96.8





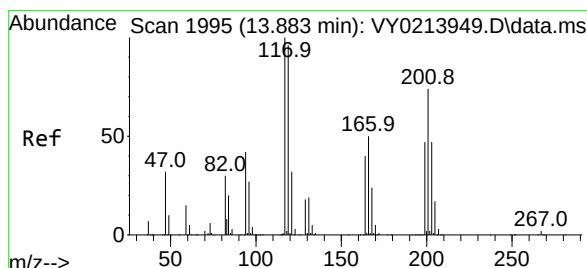
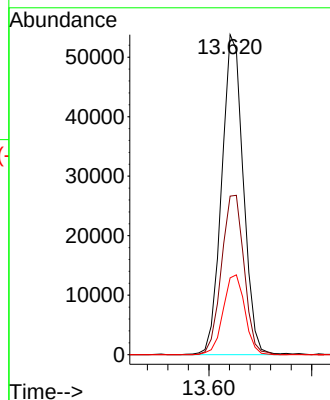
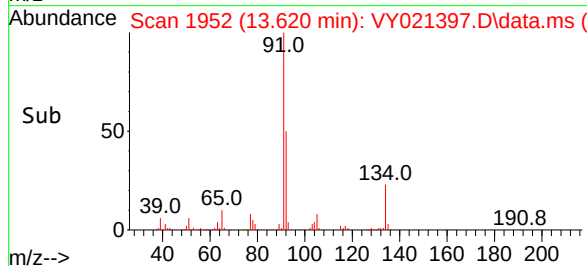
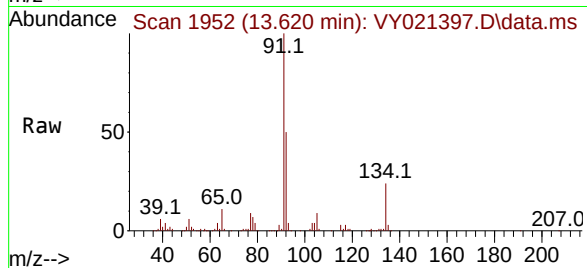
#89
n-Butylbenzene
Concen: 8.779 ug/l
RT: 13.620 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.3
134	25.1	12.6	37.8

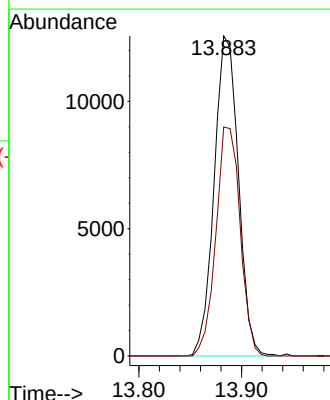
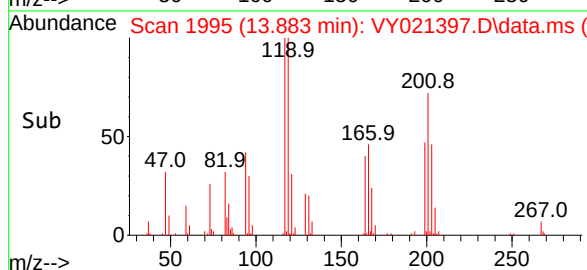
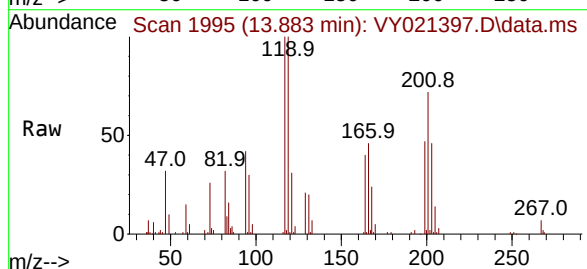
Manual Integrations
APPROVED

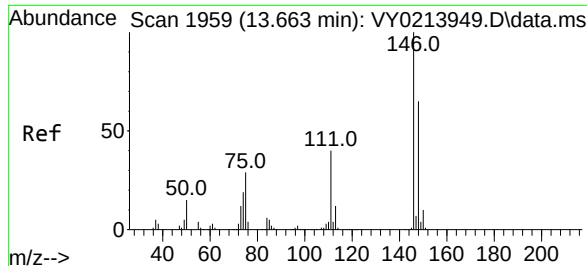
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#90
Hexachloroethane
Concen: 9.998 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.5	37.4	112.2





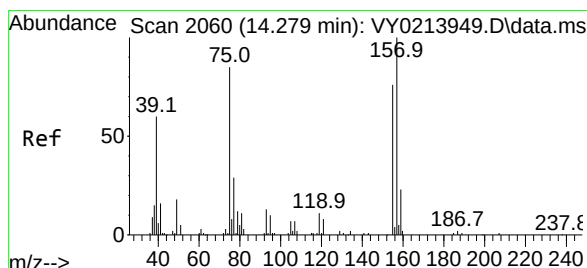
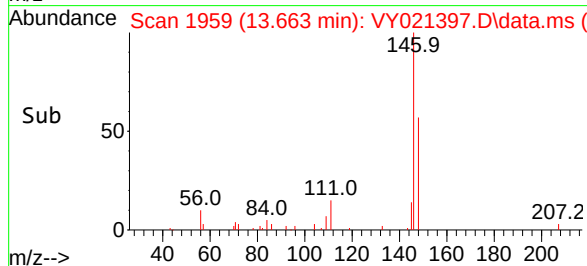
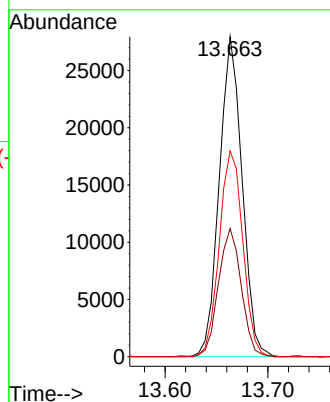
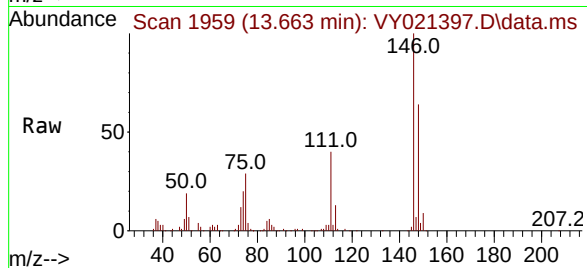
#91
1,2-Dichlorobenzene
Concen: 9.929 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 43028
Ion Ratio Lower Upper
146 100
111 40.1 20.7 62.1
148 66.3 32.1 96.5

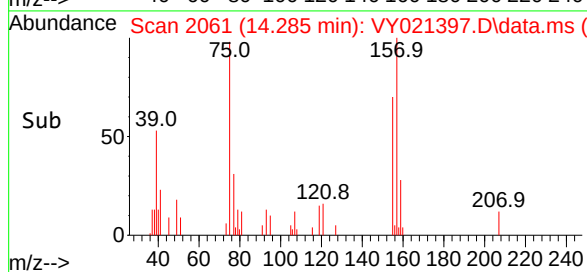
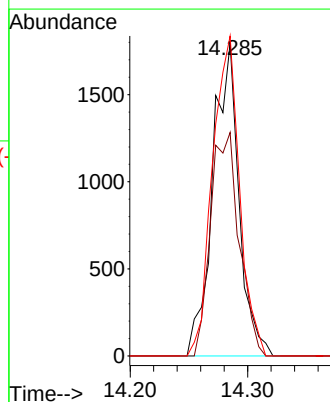
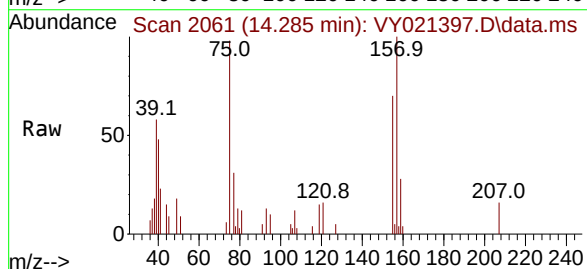
Manual Integrations
APPROVED

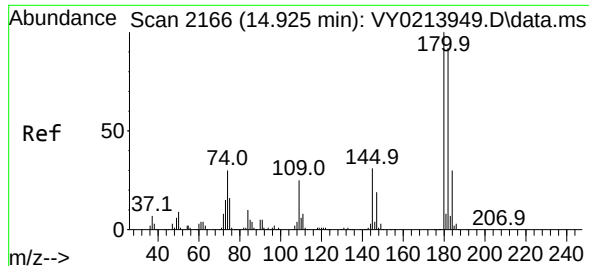
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.710 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021397.D
Acq: 04 Mar 2025 09:46

Tgt Ion: 75 Resp: 2787
Ion Ratio Lower Upper
75 100
155 78.0 43.5 130.5
157 105.4 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 8.422 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

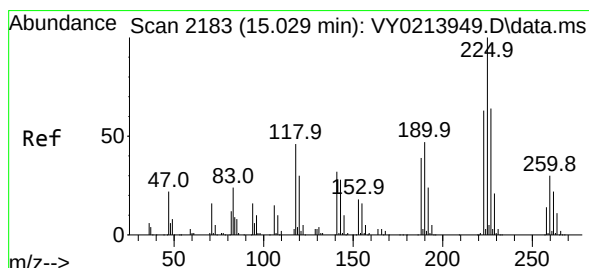
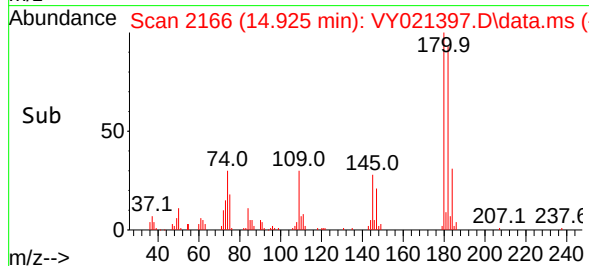
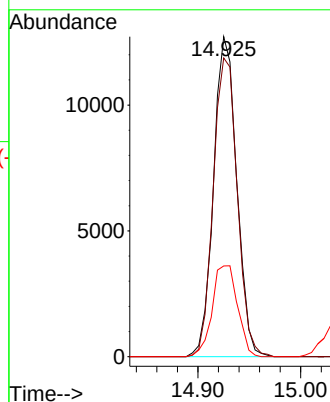
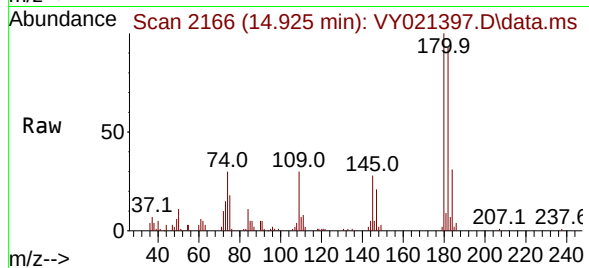
VSTDICC010

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.7	140.0
145	31.1	15.6	46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#94

Hexachlorobutadiene

Concen: 8.709 ug/l

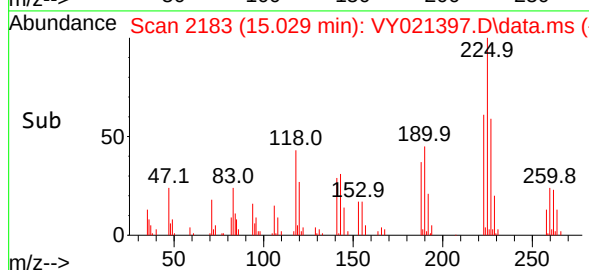
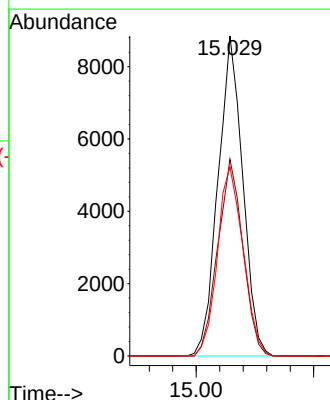
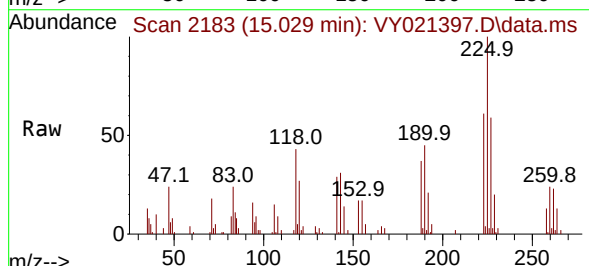
RT: 15.029 min Scan# 2183

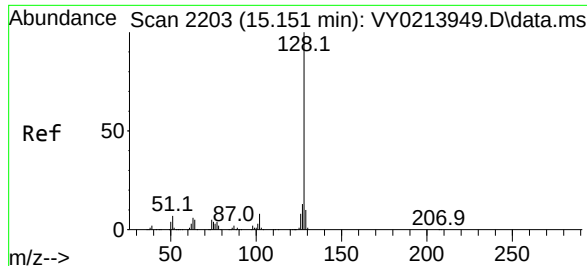
Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.4	94.2
227	61.6	31.8	95.4





#95

Naphthalene

Concen: 9.071 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

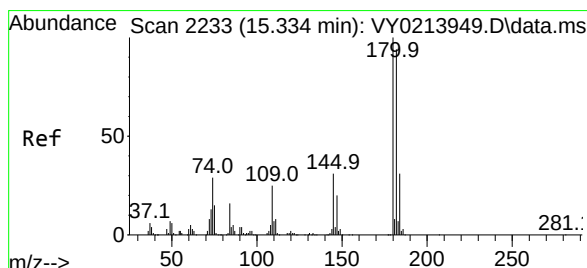
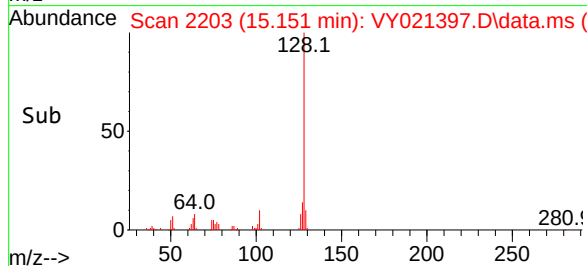
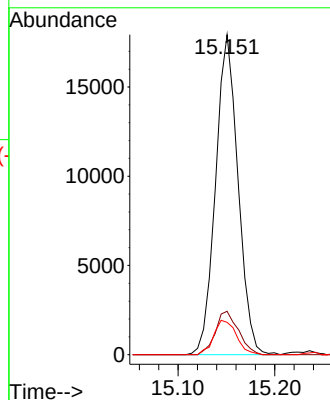
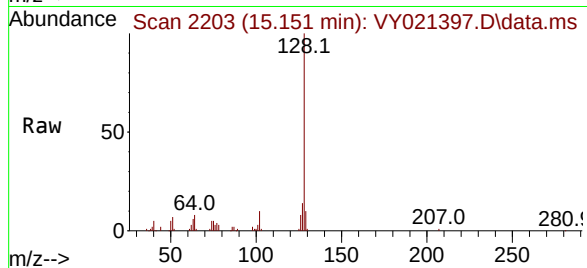
VSTDIC010

Tgt Ion:	128	Resp:	28894
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.6	15.8
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#96

1,2,3-Trichlorobenzene

Concen: 8.358 ug/l

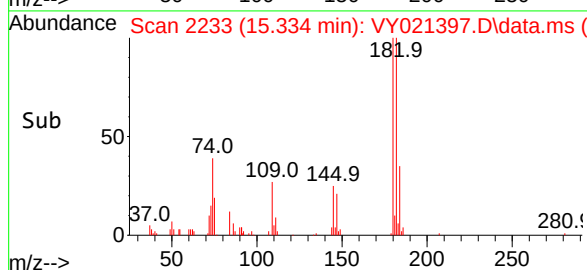
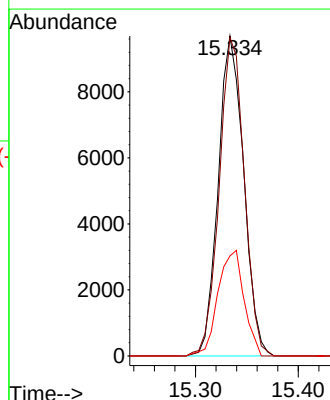
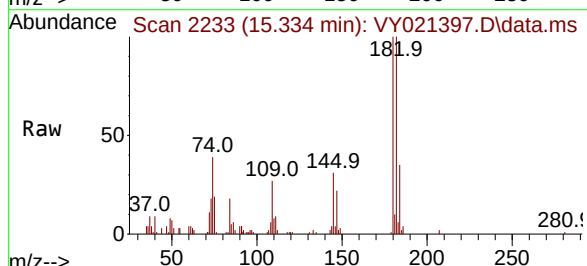
RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021397.D

Acq: 04 Mar 2025 09:46

Tgt Ion:	180	Resp:	16639
Ion Ratio	Lower	Upper	
180	100		
182	98.0	47.2	141.6
145	33.8	16.4	49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021398.D
 Acq On : 04 Mar 2025 10:09
 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 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:58:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	234648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	364702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	318510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	158359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	48282	19.468	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.940%#		
35) Dibromofluoromethane	7.640	113	45904	19.149	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.300%#		
50) Toluene-d8	10.109	98	172011	18.951	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	37.900%#		
62) 4-Bromofluorobenzene	12.407	95	57456	18.609	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	37.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	39013	18.118	ug/l	99
3) Chloromethane	2.074	50	55232	18.193	ug/l	98
4) Vinyl Chloride	2.208	62	59949	18.070	ug/l	97
5) Bromomethane	2.598	94	42205	17.602	ug/l	97
6) Chloroethane	2.738	64	40060	18.272	ug/l	98
7) Trichlorofluoromethane	3.062	101	84097	18.161	ug/l	99
8) Diethyl Ether	3.458	74	23333	18.183	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.824	101	47597	18.003	ug/l	99
10) Methyl Iodide	4.007	142	48356	17.994	ug/l	99
11) Tert butyl alcohol	4.866	59	16988	91.100	ug/l	97
12) 1,1-Dichloroethene	3.799	96	43203	17.924	ug/l	96
13) Acrolein	3.659	56	20256	160.575	ug/l	90
14) Allyl chloride	4.397	41	69859	17.935	ug/l	99
15) Acrylonitrile	5.067	53	49390	90.413	ug/l	99
16) Acetone	3.872	43	42878	79.267	ug/l	97
17) Carbon Disulfide	4.110	76	133782	17.710	ug/l	98
18) Methyl Acetate	4.391	43	21340	17.780	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	110487	18.085	ug/l	97
20) Methylene Chloride	4.628	84	50462	17.772	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	48412	17.935	ug/l	98
22) Diisopropyl ether	6.024	45	157248	18.732	ug/l	96
23) Vinyl Acetate	5.970	43	439671	91.773	ug/l	99
24) 1,1-Dichloroethane	5.921	63	89625	18.090	ug/l	98
25) 2-Butanone	6.902	43	63994	85.523	ug/l	92
26) 2,2-Dichloropropane	6.890	77	80697	17.702	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	55597	18.130	ug/l	99
28) Bromochloromethane	7.250	49	39711	19.118	ug/l	98
29) Tetrahydrofuran	7.274	42	41984	90.885	ug/l	98
30) Chloroform	7.427	83	93077	18.092	ug/l	98
31) Cyclohexane	7.707	56	83067	17.884	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	83884	17.807	ug/l	99
36) 1,1-Dichloropropene	7.841	75	67437	17.972	ug/l	98
37) Ethyl Acetate	6.988	43	30017m	17.733	ug/l	
38) Carbon Tetrachloride	7.823	117	78440	18.176	ug/l	99
39) Methylcyclohexane	9.115	83	80192	17.422	ug/l	100
40) Benzene	8.085	78	199273	18.027	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021398.D
 Acq On : 04 Mar 2025 10:09
 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 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:58:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	15135	16.416	ug/l #	77
42) 1,2-Dichloroethane	8.164	62	56356	18.224	ug/l	100
43) Isopropyl Acetate	8.201	43	56260	17.474	ug/l #	87
44) Trichloroethene	8.865	130	50961	18.244	ug/l	97
45) 1,2-Dichloropropane	9.146	63	48565	18.460	ug/l	93
46) Dibromomethane	9.231	93	26972	18.426	ug/l	99
47) Bromodichloromethane	9.426	83	70770	18.205	ug/l	99
48) Methyl methacrylate	9.225	41	26835	17.976	ug/l	97
49) 1,4-Dioxane	9.237	88	5448	379.181	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	147076	88.535	ug/l	99
52) Toluene	10.176	92	124450	17.858	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	61342	17.911	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	72678	17.873	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	34630	18.085	ug/l	98
56) Ethyl methacrylate	10.444	69	42134	17.253	ug/l	99
57) 1,3-Dichloropropane	10.719	76	61443	18.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	101217	89.786	ug/l	100
59) 2-Hexanone	10.768	43	94397	85.937	ug/l	98
60) Dibromochloromethane	10.914	129	47714	18.176	ug/l	98
61) 1,2-Dibromoethane	11.017	107	32927	18.220	ug/l	96
64) Tetrachloroethene	10.652	164	47121	18.193	ug/l	97
65) Chlorobenzene	11.444	112	135648	18.035	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	47998	18.050	ug/l	99
67) Ethyl Benzene	11.523	91	232468	17.609	ug/l	99
68) m/p-Xylenes	11.633	106	179664	35.847	ug/l	99
69) o-Xylene	11.956	106	80909	17.516	ug/l	98
70) Styrene	11.975	104	138147	18.027	ug/l	99
71) Bromoform	12.133	173	27186	18.288	ug/l #	99
73) Isopropylbenzene	12.255	105	219699	17.612	ug/l	99
74) N-amyl acetate	12.072	43	47062	17.372	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	40373	18.341	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	27215m	17.055	ug/l	
77) Bromobenzene	12.536	156	52163	17.874	ug/l	97
78) n-propylbenzene	12.596	91	269961	17.819	ug/l	99
79) 2-Chlorotoluene	12.682	91	155109	17.906	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	183398	18.091	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	12253	17.456	ug/l	98
82) 4-Chlorotoluene	12.779	91	160509	17.893	ug/l	99
83) tert-Butylbenzene	12.999	119	157912	17.461	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	183733	18.254	ug/l	100
85) sec-Butylbenzene	13.182	105	243719	18.113	ug/l	100
86) p-Isopropyltoluene	13.298	119	198423	17.900	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	103878	17.882	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	102862	18.106	ug/l	100
89) n-Butylbenzene	13.621	91	181603	17.741	ug/l	99
90) Hexachloroethane	13.883	117	41098	17.379	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	90658	18.208	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5850	17.741	ug/l	92
93) 1,2,4-Trichlorobenzene	14.925	180	46578	17.127	ug/l	100
94) Hexachlorobutadiene	15.029	225	30431	17.851	ug/l	98
95) Naphthalene	15.145	128	72734	17.845	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	38873	16.996	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021398.D
Acq On : 04 Mar 2025 10:09
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 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:58:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

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

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

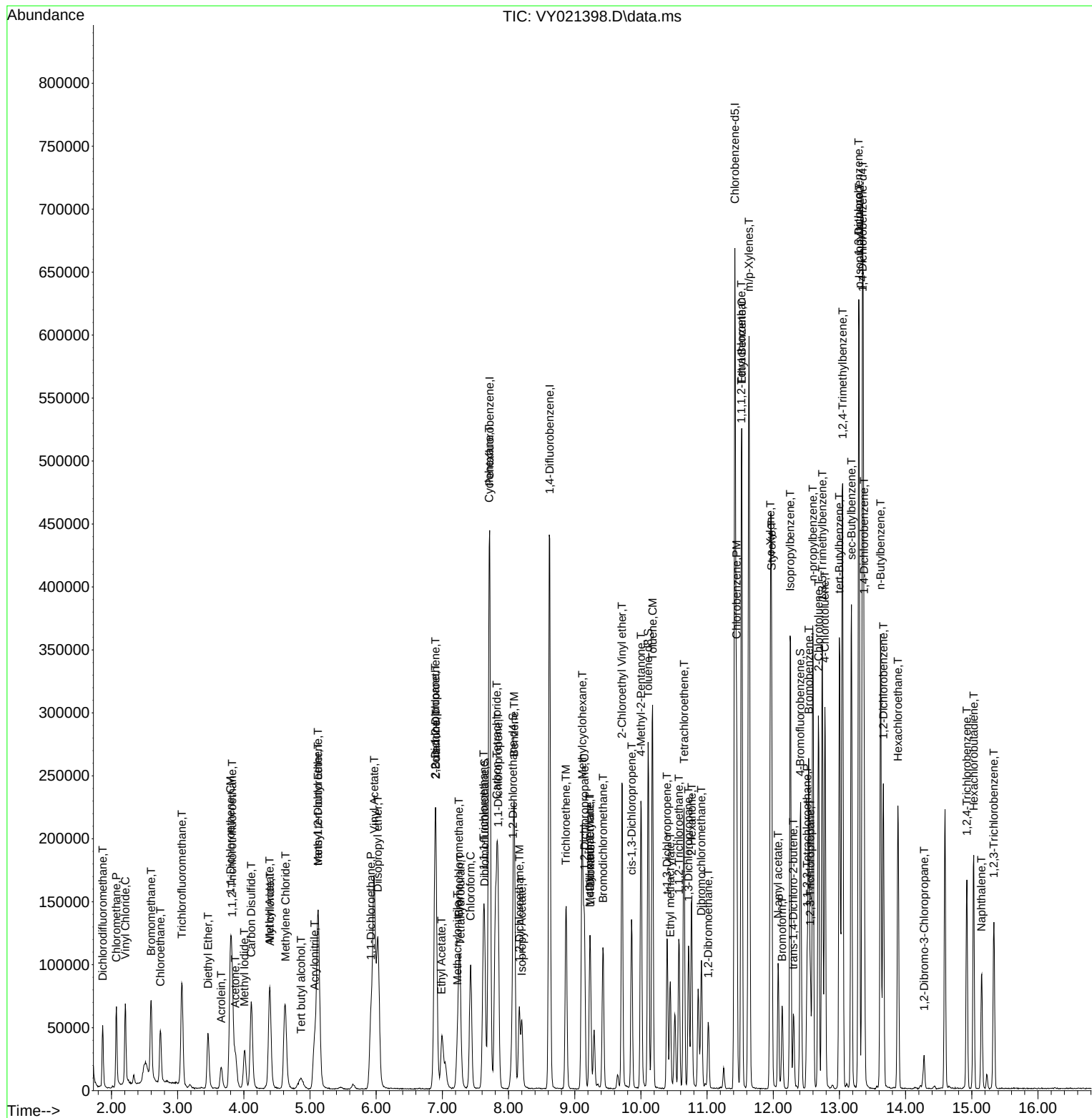
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021398.D
 Acq On : 04 Mar 2025 10:09
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 4 Sample Multiplier: 1

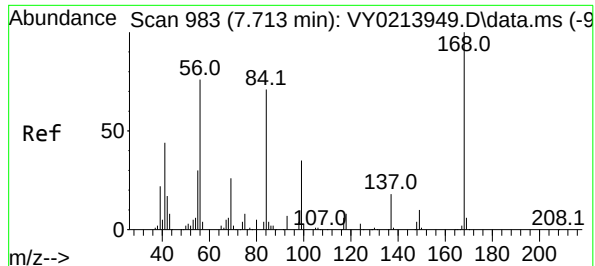
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 05 02:58:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

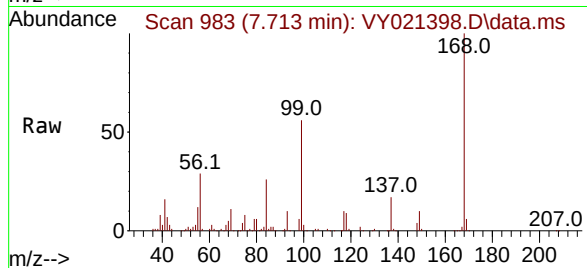
Reviewed By : Mahesh Dadoda 03/06/2025
 Supervised By : Semsettin Yesilyurt 03/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

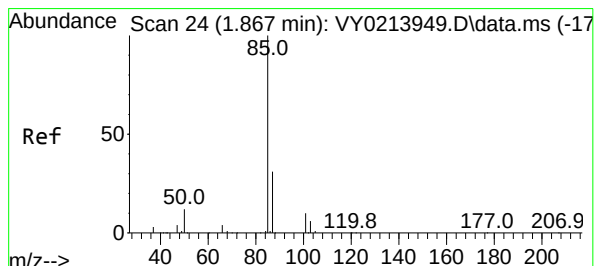
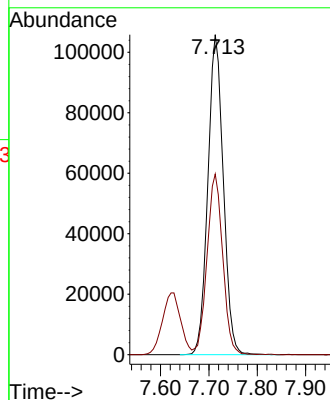
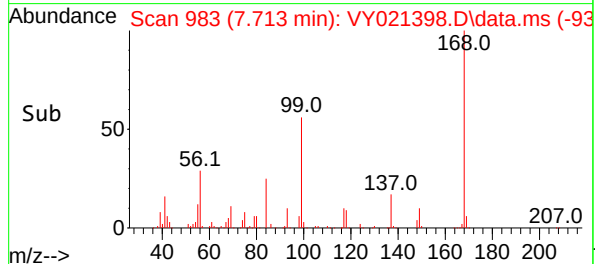
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 234648
Ion Ratio Lower Upper
168 100
99 56.5 46.0 69.0

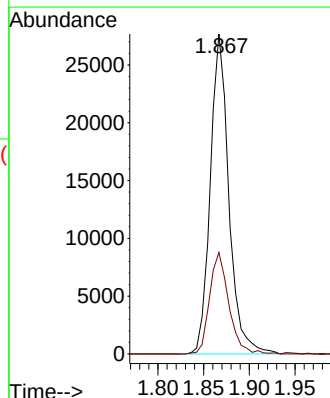
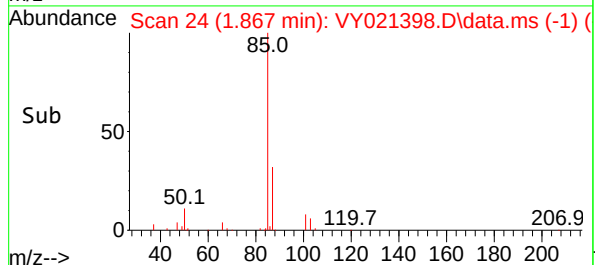
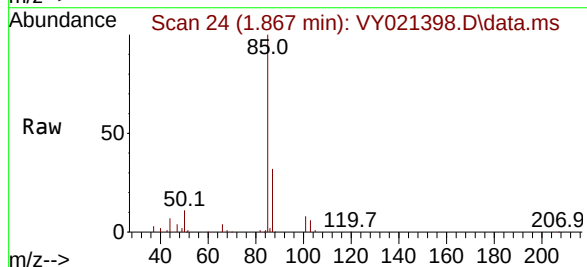
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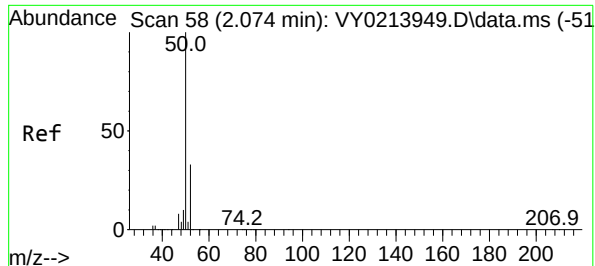
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 18.118 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 85 Resp: 39013
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0





#3

Chloromethane

Concen: 18.193 ug/l

RT: 2.074 min Scan# 58

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 5523

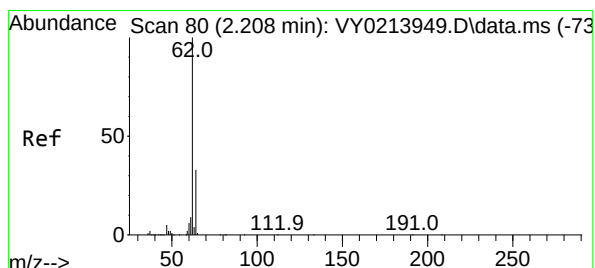
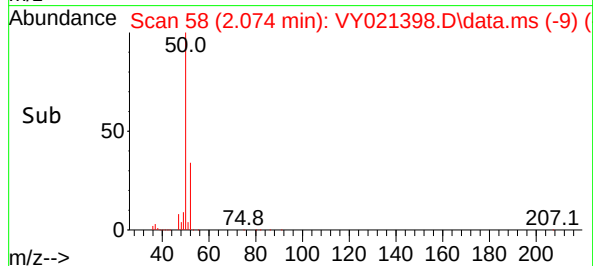
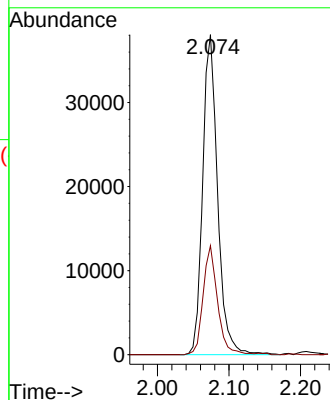
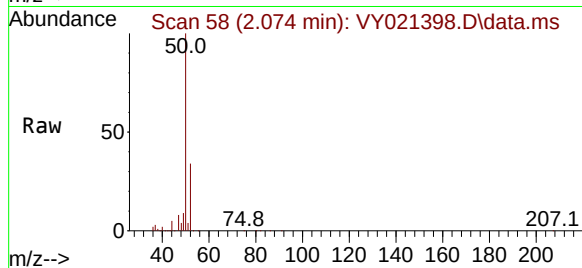
Ion Ratio Lower Upper

50 100

52 34.0 26.2 39.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#4

Vinyl Chloride

Concen: 18.070 ug/l

RT: 2.208 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021398.D

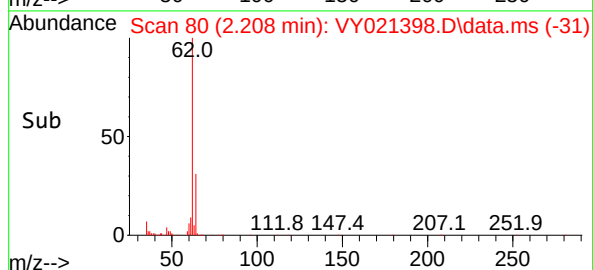
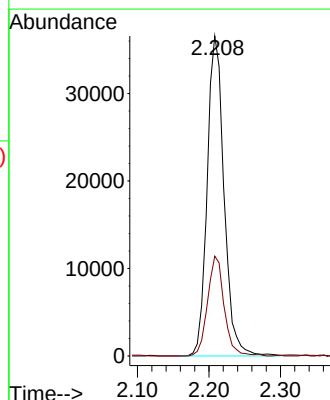
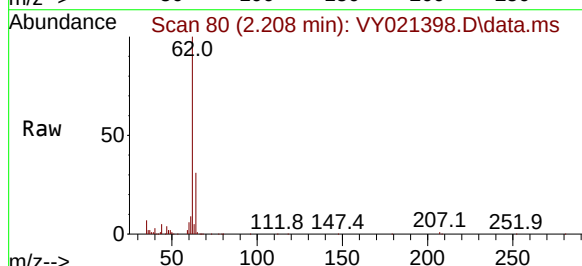
Acq: 04 Mar 2025 10:09

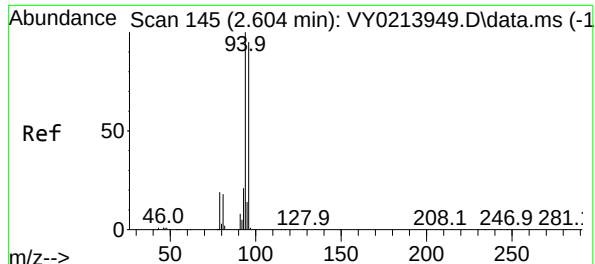
Tgt Ion: 62 Resp: 59949

Ion Ratio Lower Upper

62 100

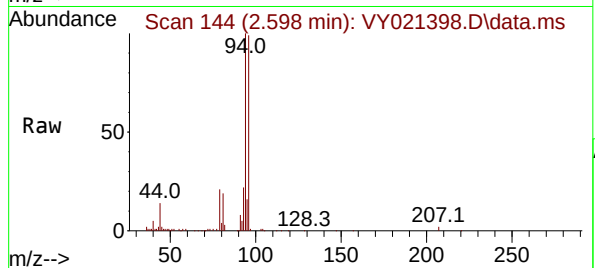
64 31.2 26.2 39.2





#5
Bromomethane
Concen: 17.602 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

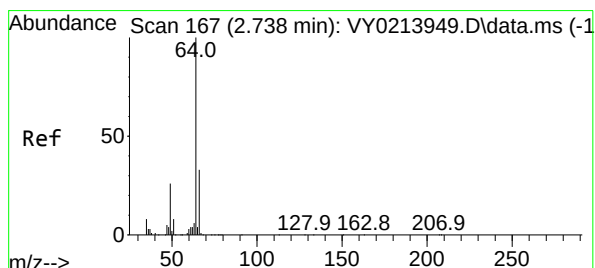
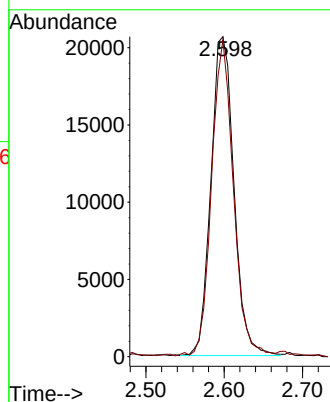
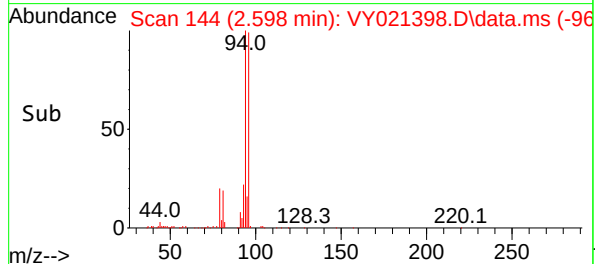
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 94 Resp: 42205
Ion Ratio Lower Upper
94 100
96 98.6 76.3 114.5

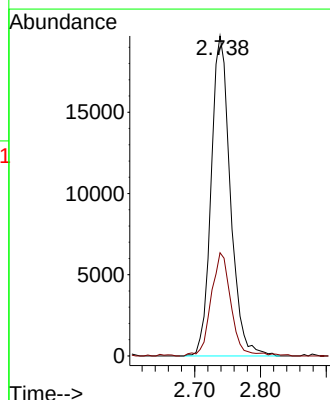
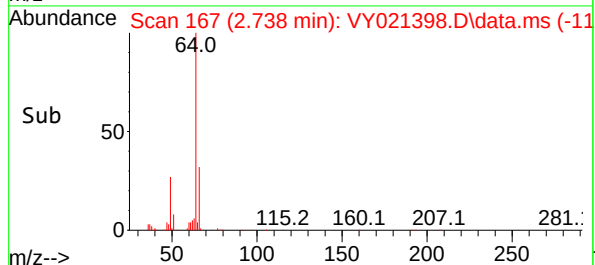
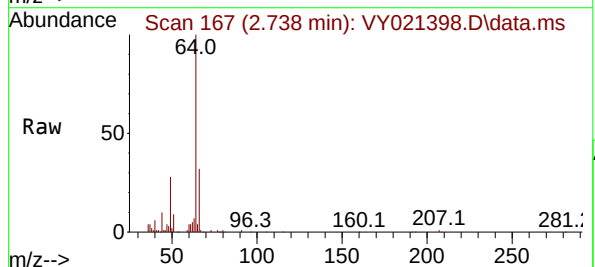
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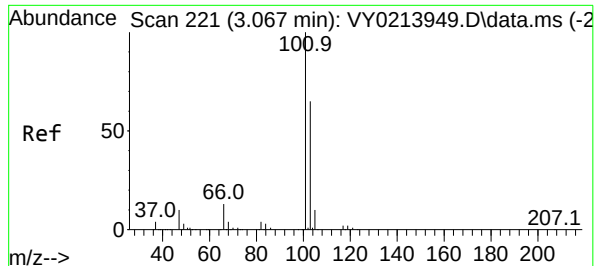
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#6
Chloroethane
Concen: 18.272 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 64 Resp: 40060
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1





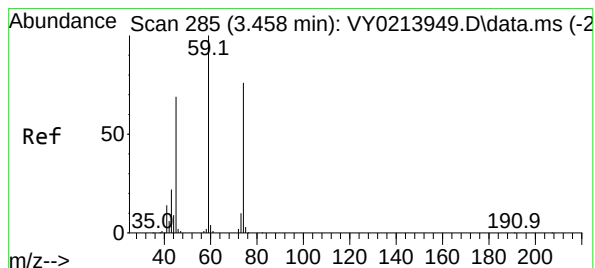
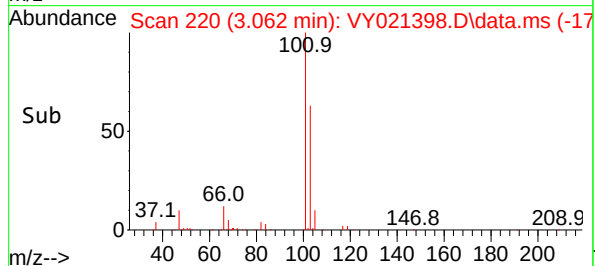
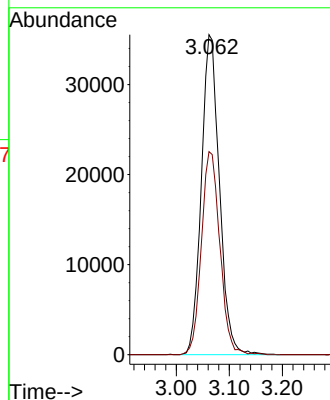
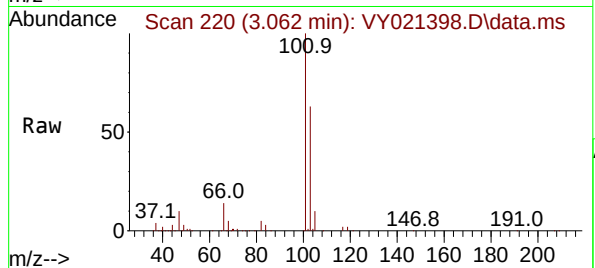
#7
Trichlorofluoromethane
Concen: 18.161 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 8409
Ion Ratio Lower Upper
101 100
103 63.5 51.7 77.5

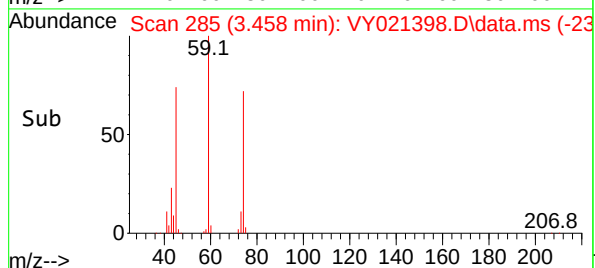
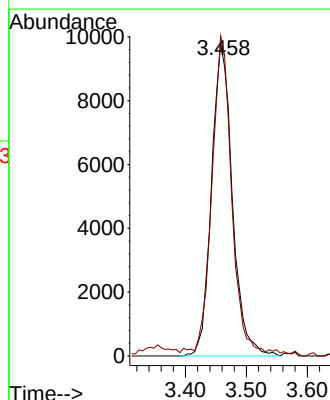
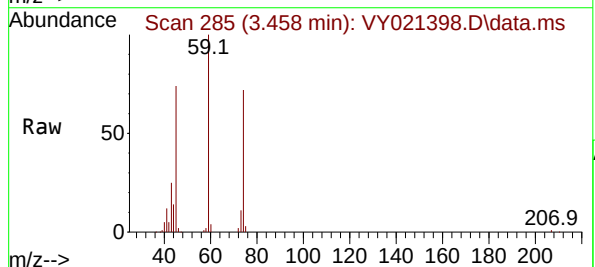
Manual Integrations
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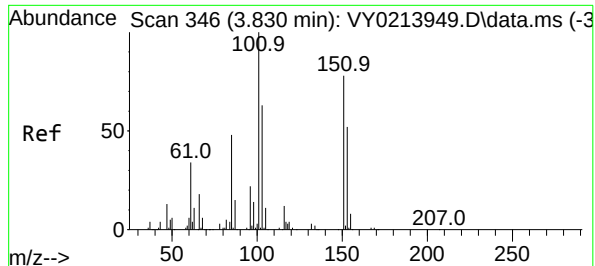
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#8
Diethyl Ether
Concen: 18.183 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 74 Resp: 23333
Ion Ratio Lower Upper
74 100
45 95.1 49.7 149.1





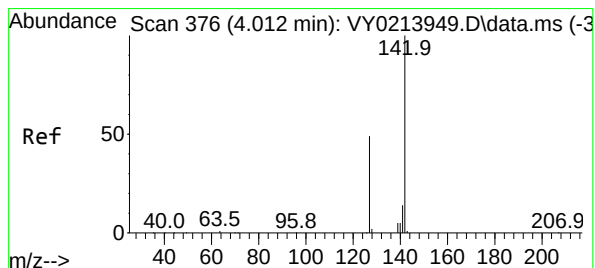
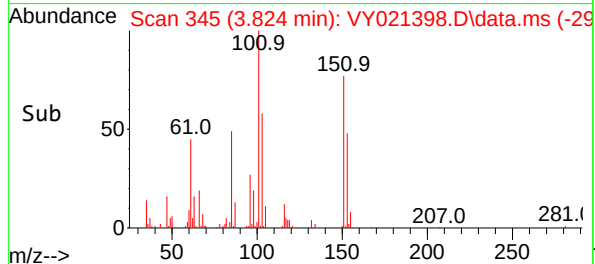
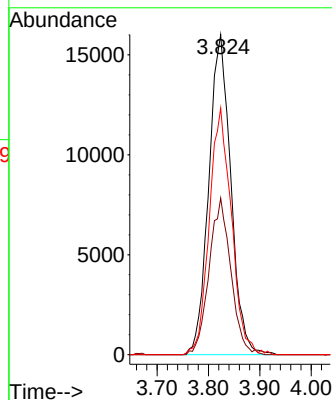
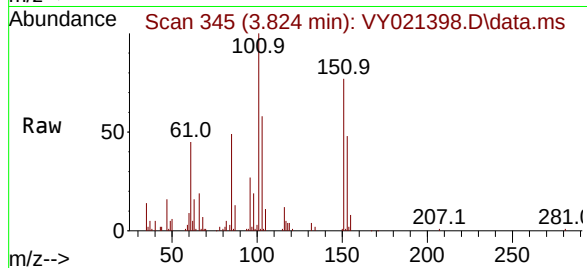
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.003 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 4759
Ion Ratio Lower Upper
101 100
85 48.2 37.1 55.7
151 77.8 62.1 93.1

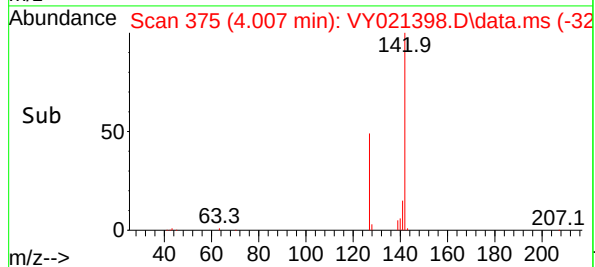
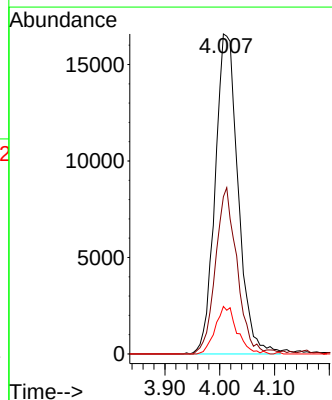
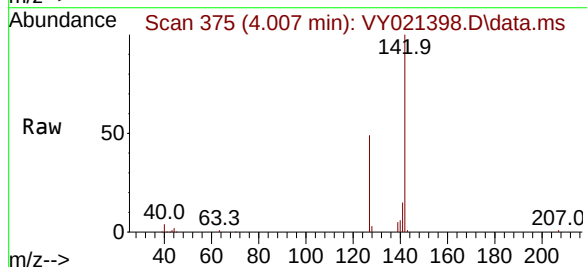
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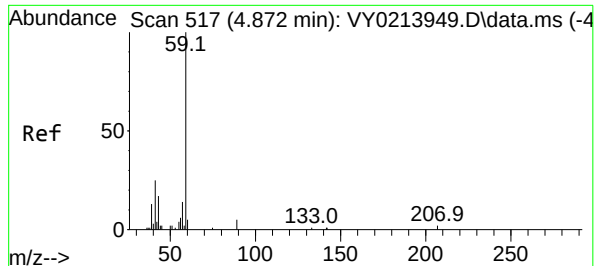
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 17.994 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion:142 Resp: 48356
Ion Ratio Lower Upper
142 100
127 48.5 39.1 58.7
141 14.1 11.8 17.6





#11

Tert butyl alcohol

Concen: 91.100 ug/l

RT: 4.866 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 1698

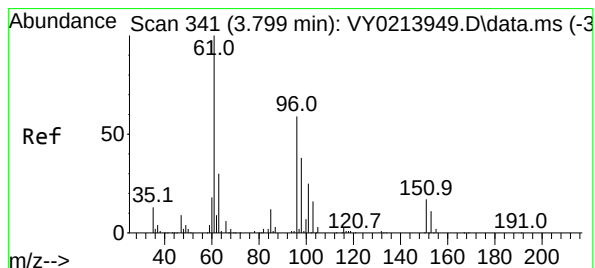
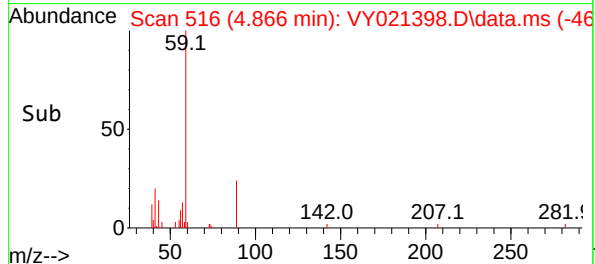
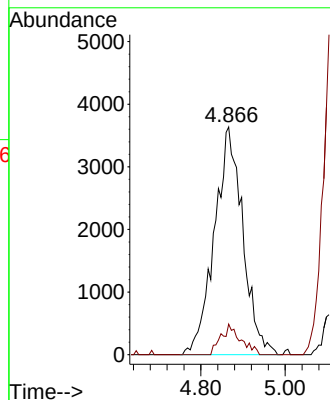
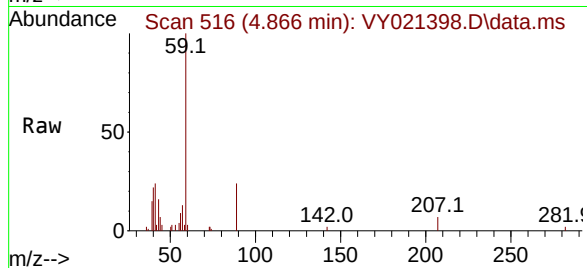
Ion Ratio Lower Upper

59 100

57 9.2 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#12

1,1-Dichloroethene

Concen: 17.924 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

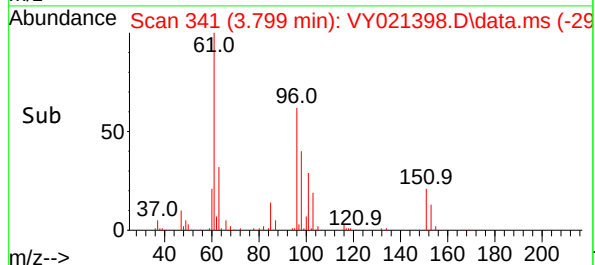
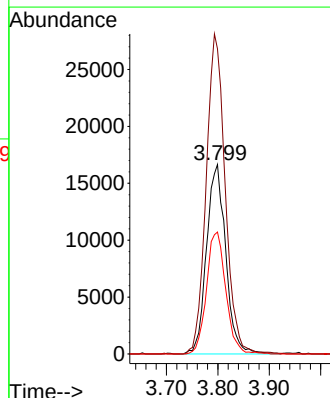
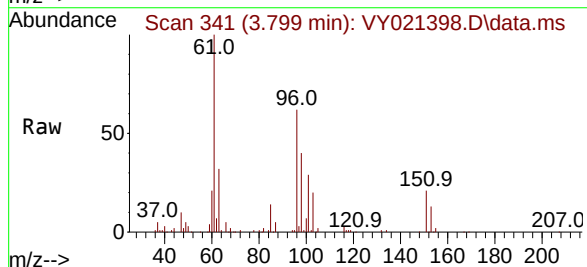
Tgt Ion: 96 Resp: 43203

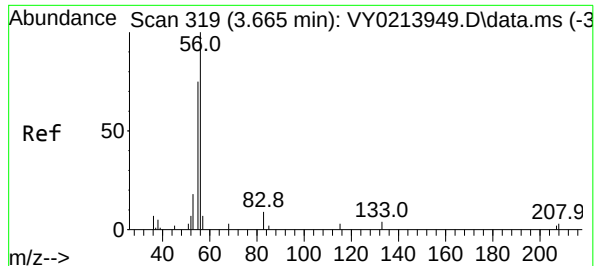
Ion Ratio Lower Upper

96 100

61 161.1 135.2 202.8

98 64.4 51.4 77.2





#13

Acrolein

Concen: 160.575 ug/l

RT: 3.659 min Scan# 319

Delta R.T. -0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 20250

Ion Ratio Lower Upper

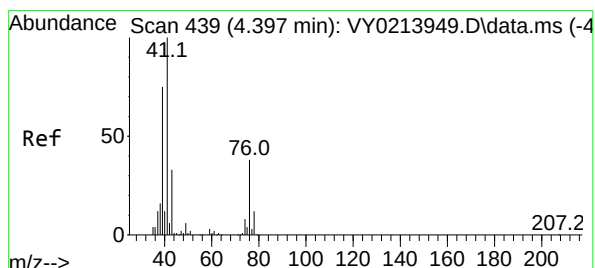
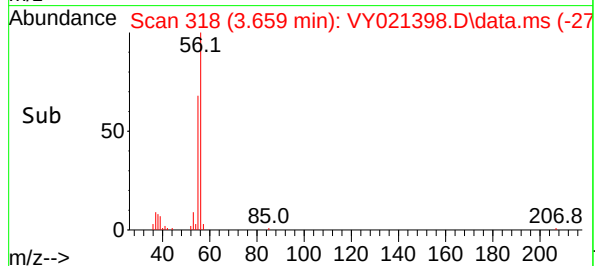
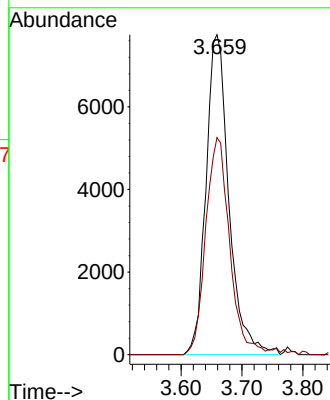
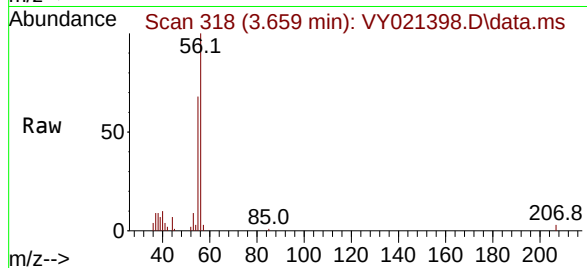
56 100

55 70.4 63.4 95.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#14

Allyl chloride

Concen: 17.935 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

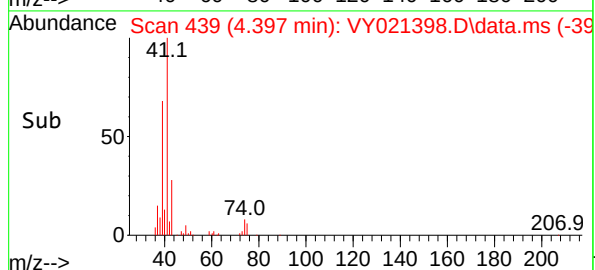
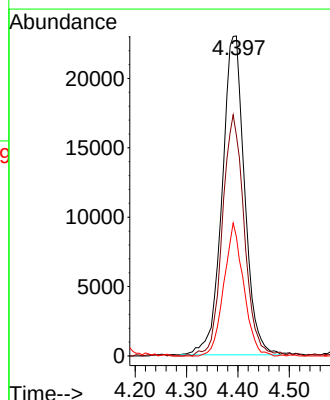
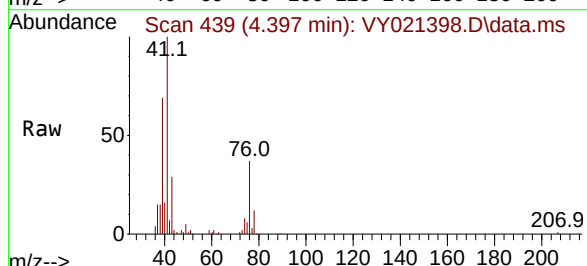
Tgt Ion: 41 Resp: 69859

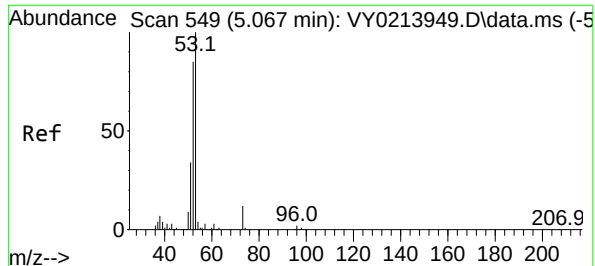
Ion Ratio Lower Upper

41 100

39 73.8 59.3 88.9

76 36.7 29.8 44.8





#15

Acrylonitrile

Concen: 90.413 ug/l

RT: 5.067 min Scan# 549

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

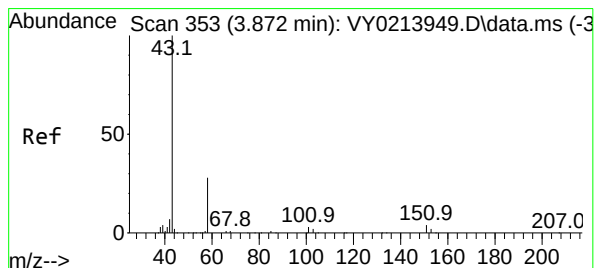
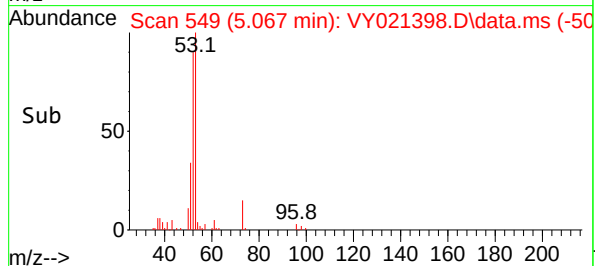
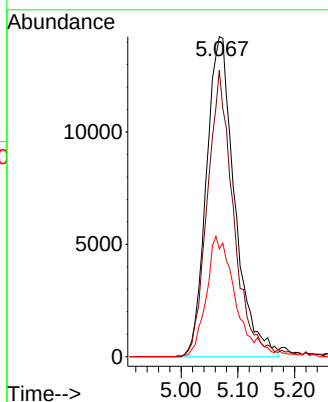
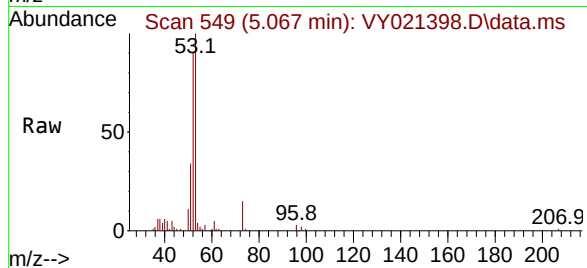
VSTDICC020

Tgt Ion:	53	Resp:	49390
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.3	99.5
51	38.6	30.3	45.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#16

Acetone

Concen: 79.267 ug/l

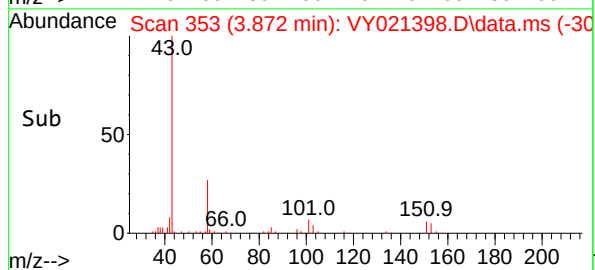
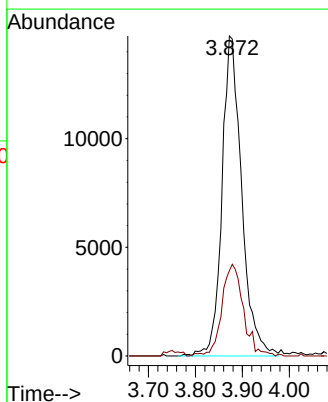
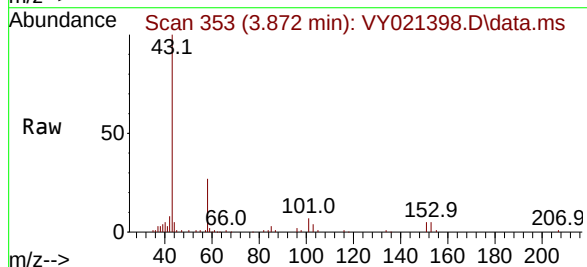
RT: 3.872 min Scan# 353

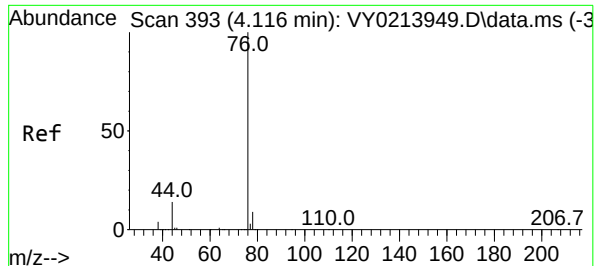
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	43	Resp:	42878
Ion	Ratio	Lower	Upper
43	100		
58	26.1	22.1	33.1





#17

Carbon Disulfide

Concen: 17.710 ug/l

RT: 4.110 min Scan# 393

Delta R.T. -0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 13378

Ion Ratio Lower Upper

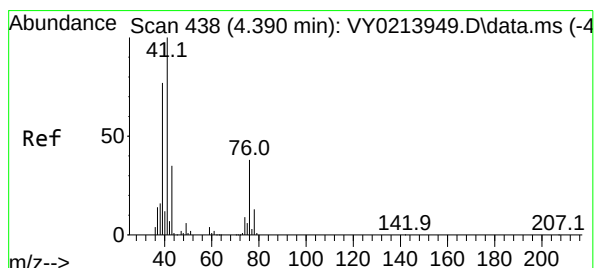
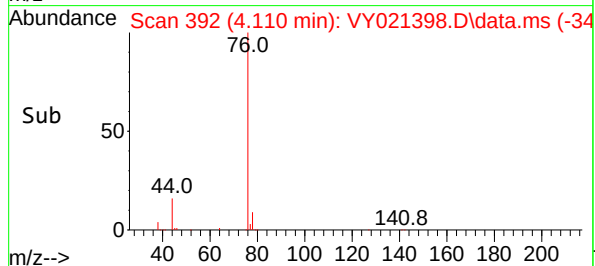
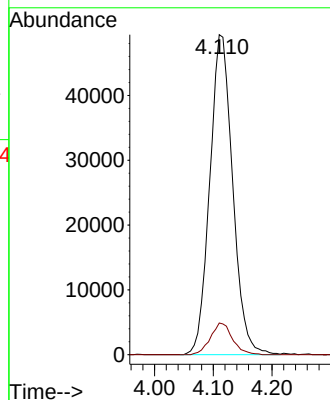
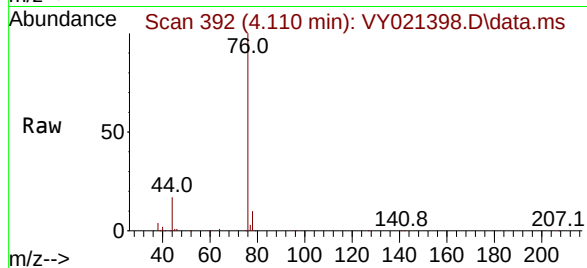
76 100

78 9.9 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#18

Methyl Acetate

Concen: 17.780 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY021398.D

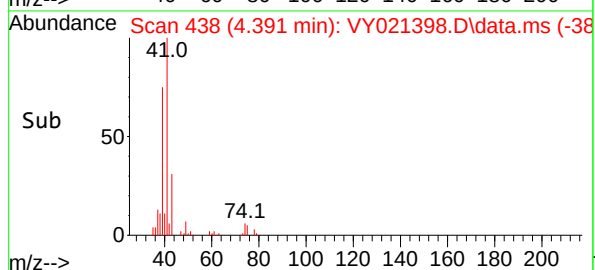
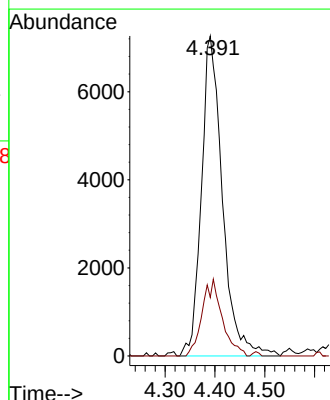
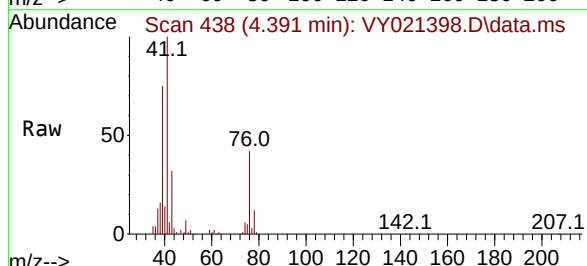
Acq: 04 Mar 2025 10:09

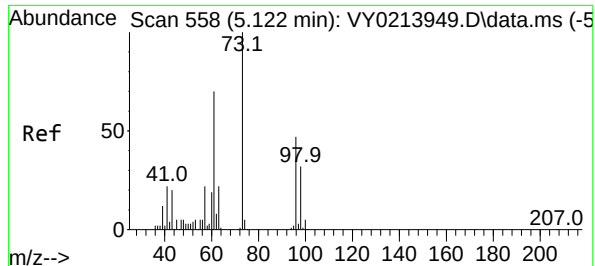
Tgt Ion: 43 Resp: 21340

Ion Ratio Lower Upper

43 100

74 22.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 18.085 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 73 Resp: 11048

Ion Ratio Lower Upper

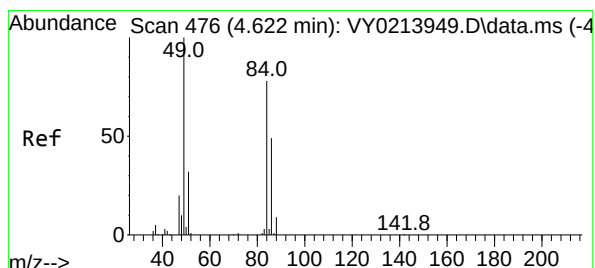
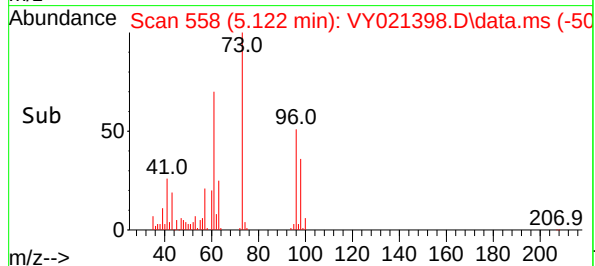
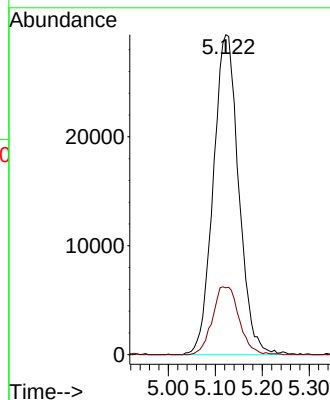
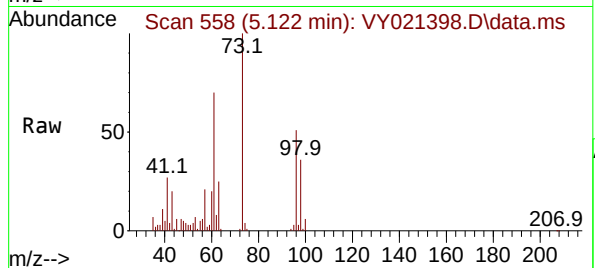
73 100

57 20.9 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#20

Methylene Chloride

Concen: 17.772 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion: 84 Resp: 50462

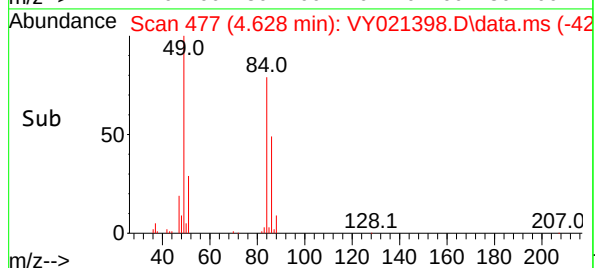
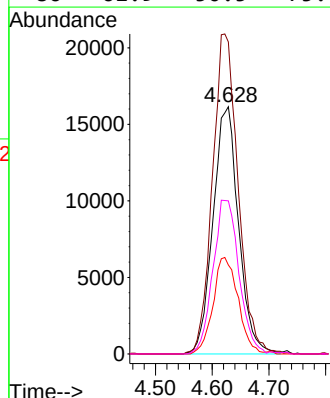
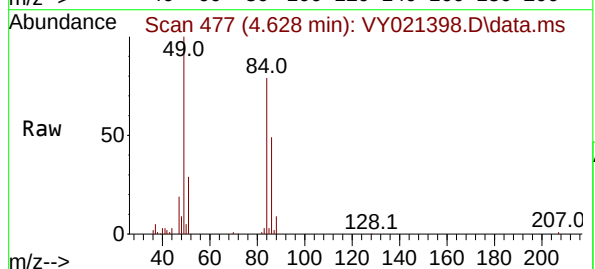
Ion Ratio Lower Upper

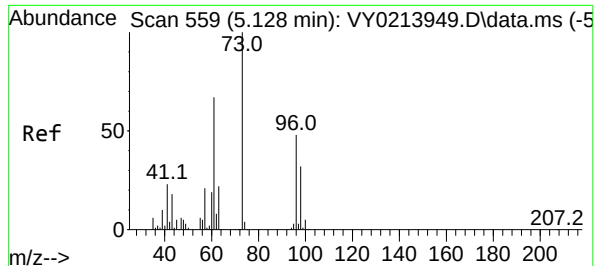
84 100

49 126.3 102.0 153.0

51 36.0 33.0 49.6

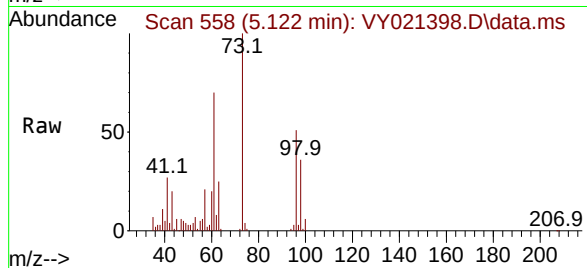
86 61.9 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 17.935 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

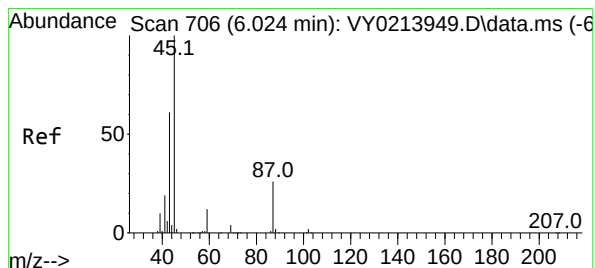
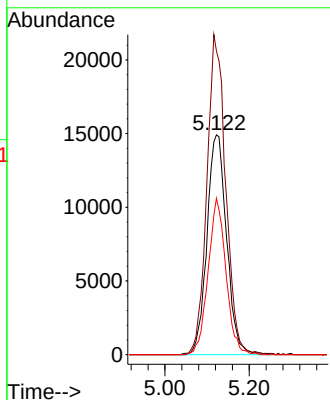
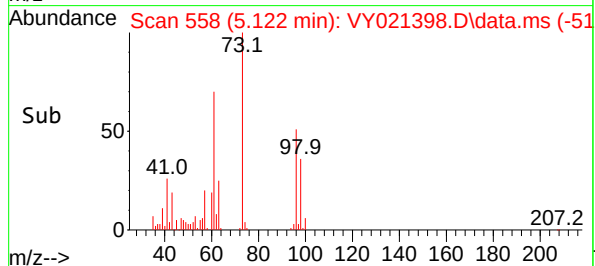
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 4841
Ion Ratio Lower Upper
96 100
61 138.1 111.5 167.3
98 71.2 53.8 80.8

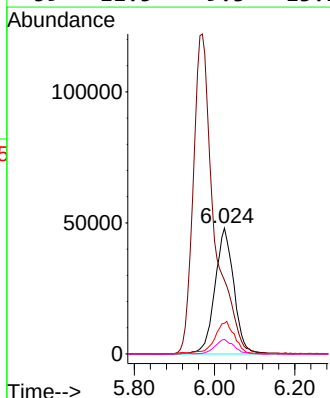
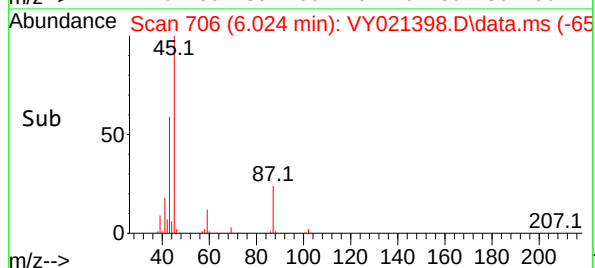
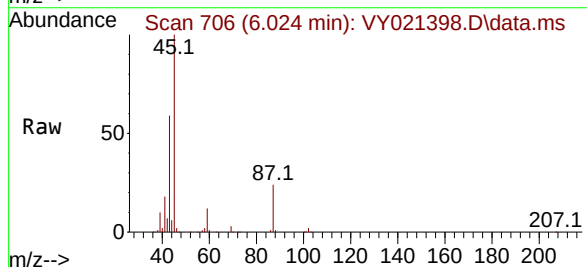
Manual Integrations
APPROVED

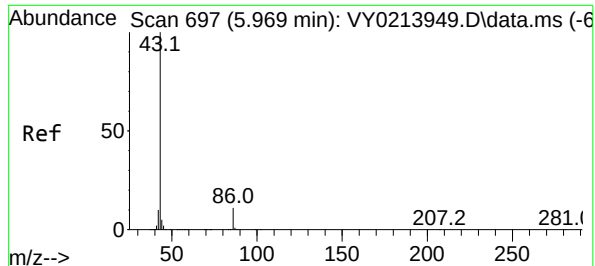
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 18.732 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 45 Resp: 157248
Ion Ratio Lower Upper
45 100
43 58.0 48.7 73.1
87 24.4 21.5 32.3
59 11.5 9.3 13.9





#23

Vinyl Acetate

Concen: 91.773 ug/l

RT: 5.970 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 43967

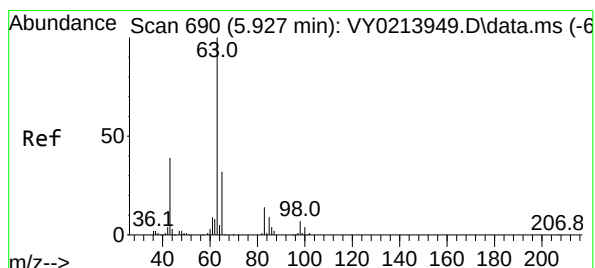
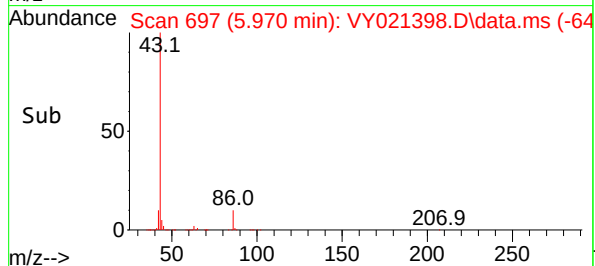
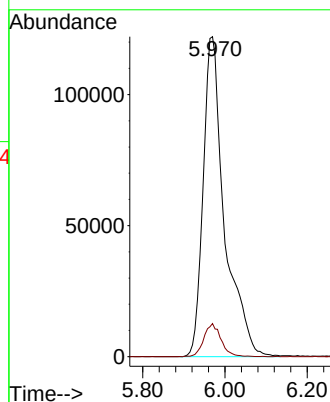
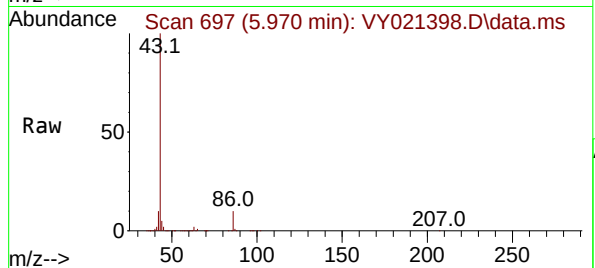
Ion Ratio Lower Upper

43 100

86 10.3 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#24

1,1-Dichloroethane

Concen: 18.090 ug/l

RT: 5.921 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

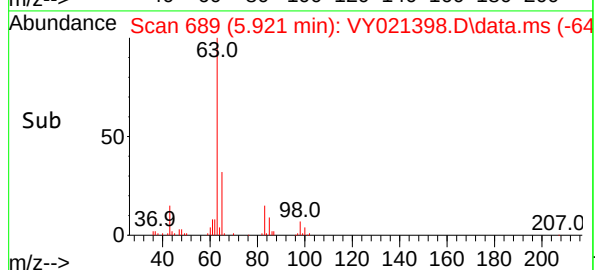
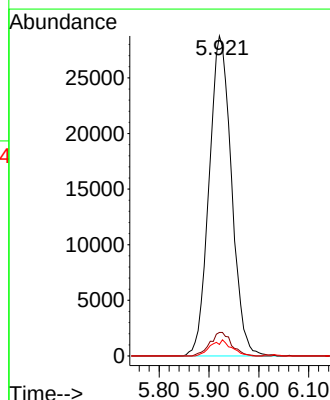
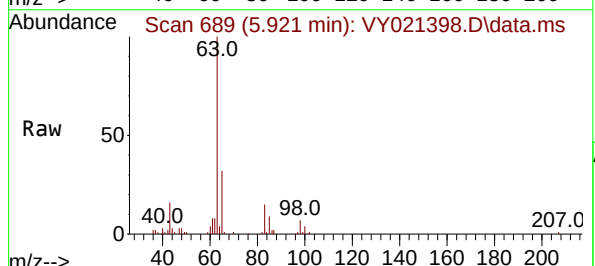
Tgt Ion: 63 Resp: 89625

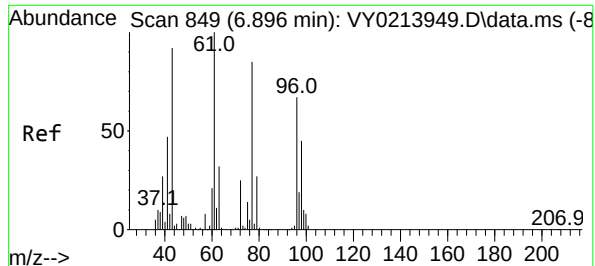
Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.9

100 3.6 2.1 6.5





#25

2-Butanone

Concen: 85.523 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 63994

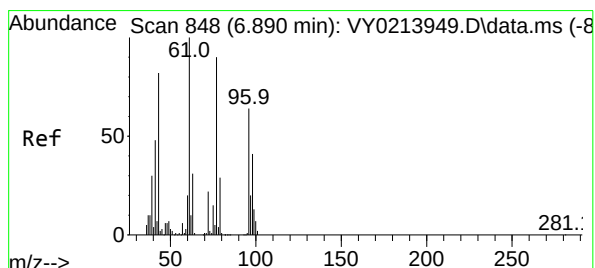
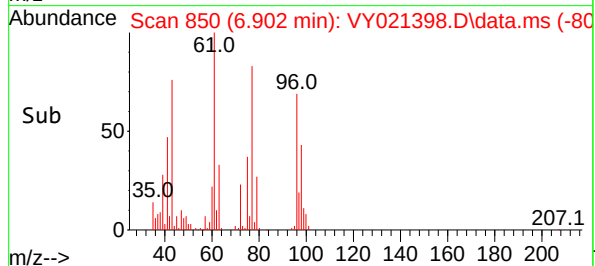
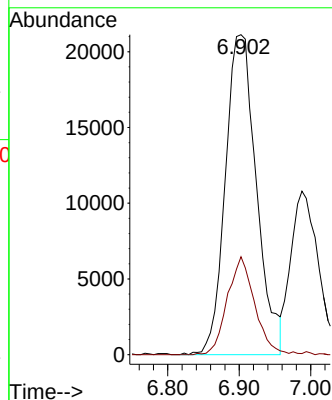
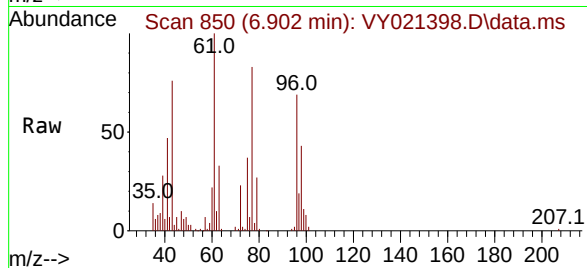
Ion Ratio Lower Upper

43 100

72 30.6 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#26

2,2-Dichloropropane

Concen: 17.702 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021398.D

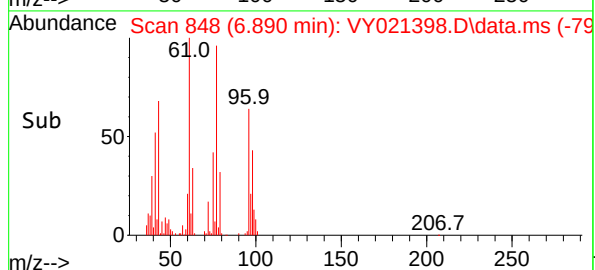
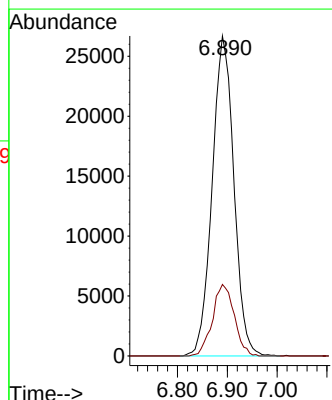
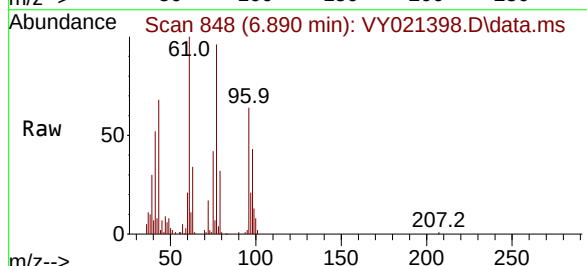
Acq: 04 Mar 2025 10:09

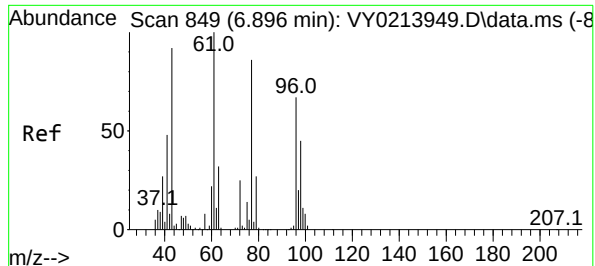
Tgt Ion: 77 Resp: 80697

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.130 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

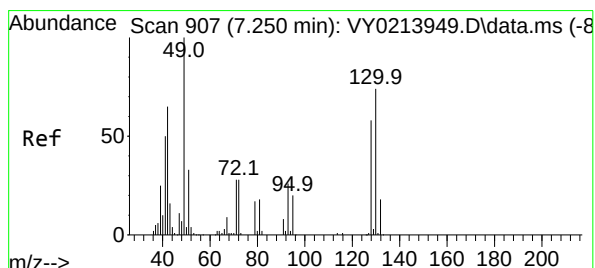
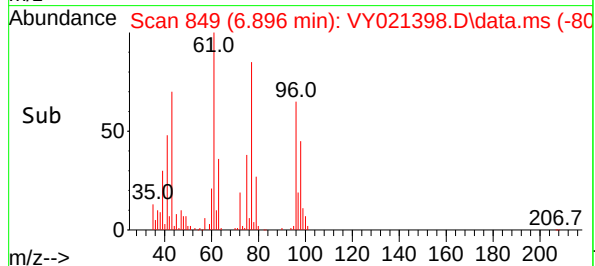
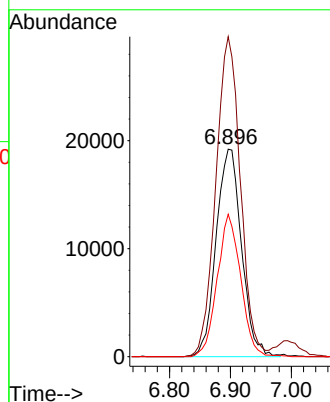
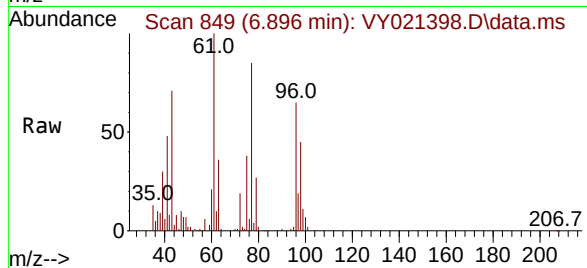
VSTDIC020

Tgt Ion:	96	Resp:	5559
Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	300.8
98	63.5	0.0	130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#28

Bromochloromethane

Concen: 19.118 ug/l

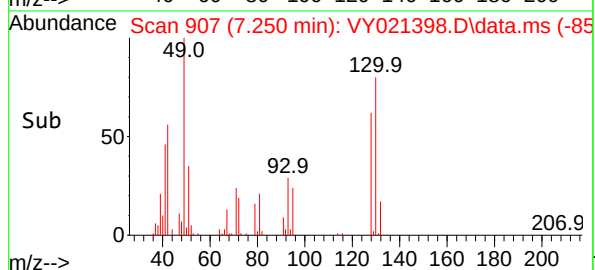
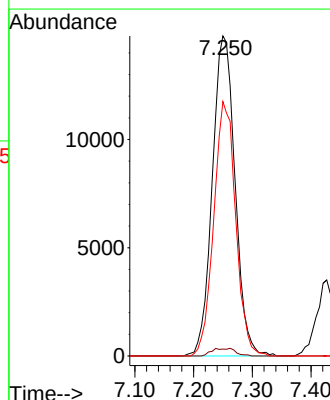
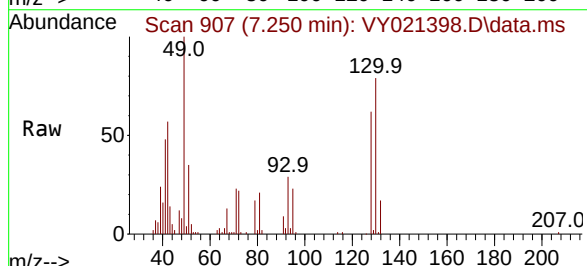
RT: 7.250 min Scan# 907

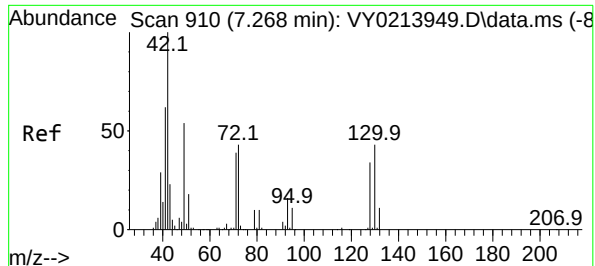
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	49	Resp:	39711
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	76.6	59.6	89.4





#29

Tetrahydrofuran

Concen: 90.885 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

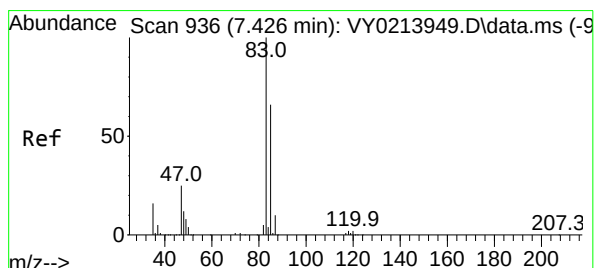
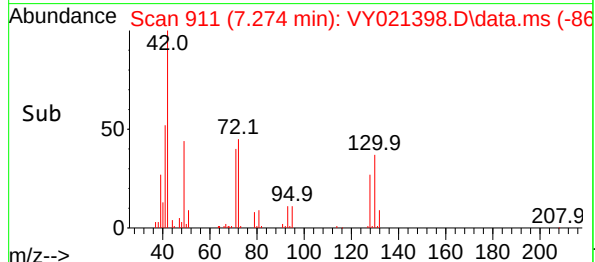
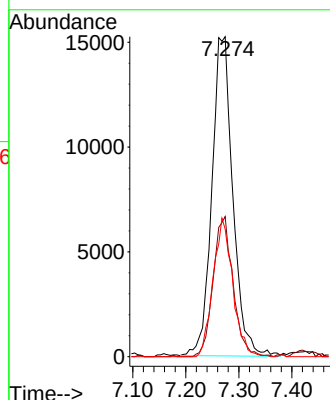
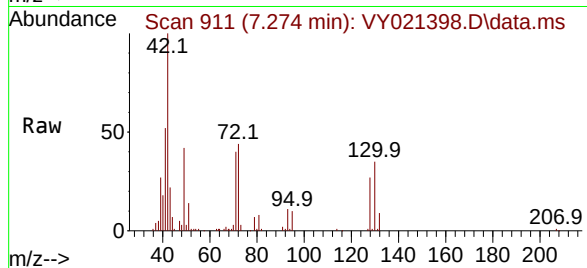
VSTDIC020

Tgt Ion:	42	Resp:	41984
Ion Ratio	Lower	Upper	
42	100		
72	41.7	34.8	52.2
71	40.4	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#30

Chloroform

Concen: 18.092 ug/l

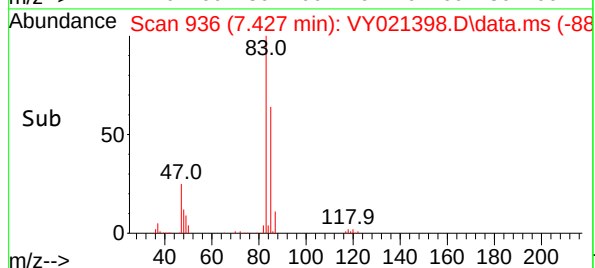
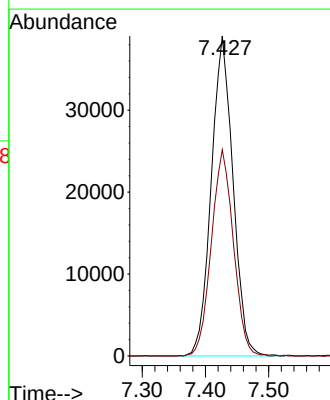
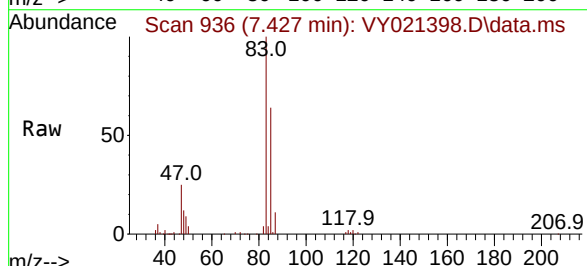
RT: 7.427 min Scan# 936

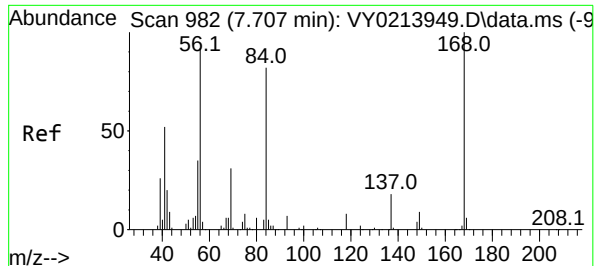
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	83	Resp:	93077
Ion Ratio	Lower	Upper	
83	100		
85	64.4	53.1	79.7





#31

Cyclohexane

Concen: 17.884 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 8306

Ion Ratio Lower Upper

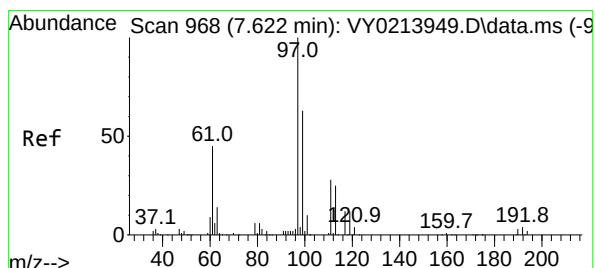
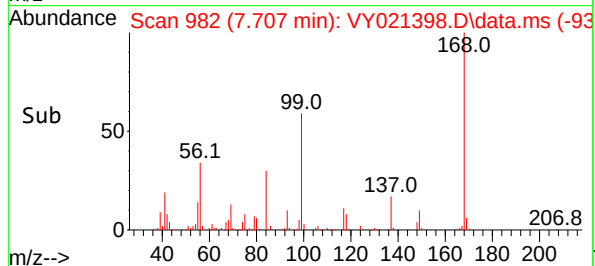
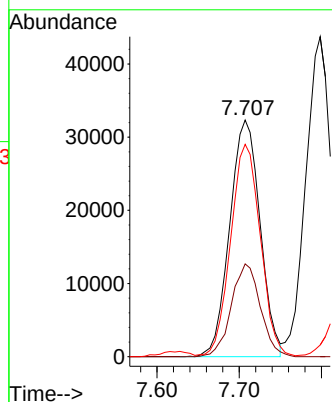
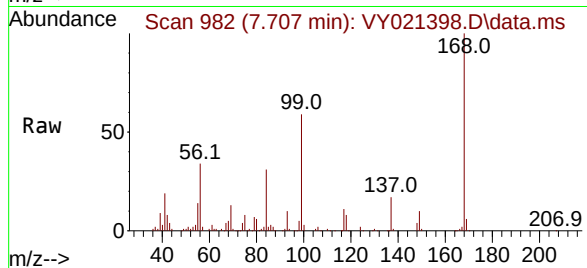
56 100

69 39.2 27.0 40.4

84 87.2 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#32

1,1,1-Trichloroethane

Concen: 17.807 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

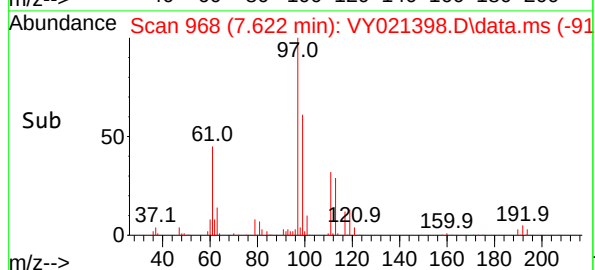
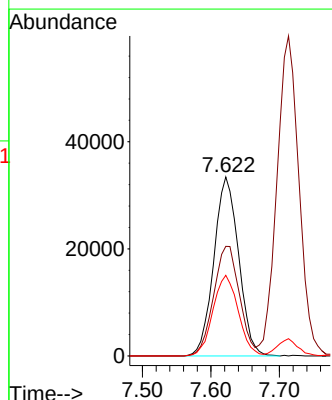
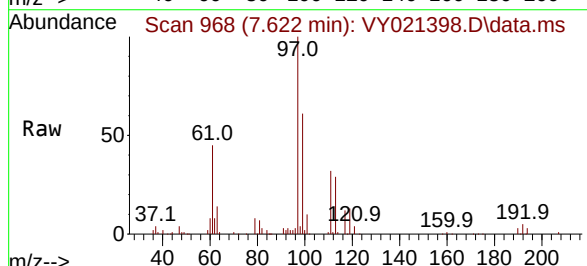
Tgt Ion: 97 Resp: 83884

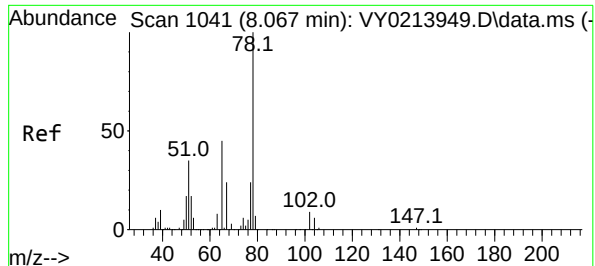
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 46.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 19.468 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4828

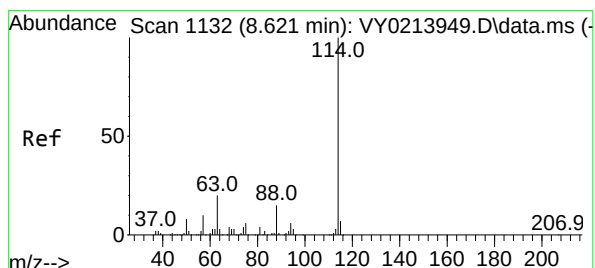
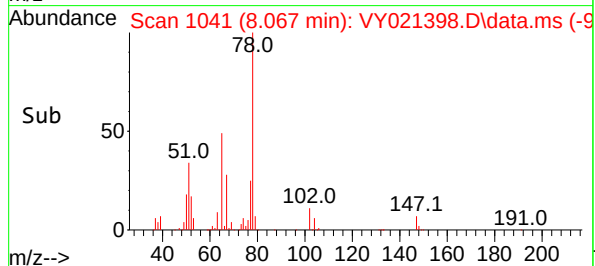
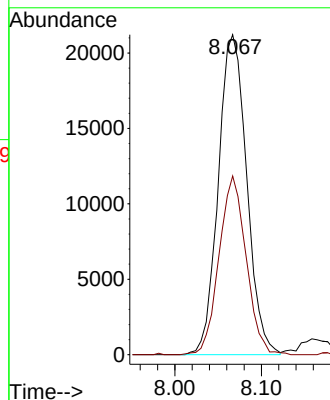
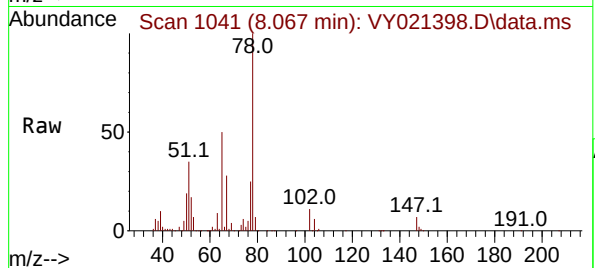
Ion Ratio Lower Upper

65 100

67 53.3 0.0 102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

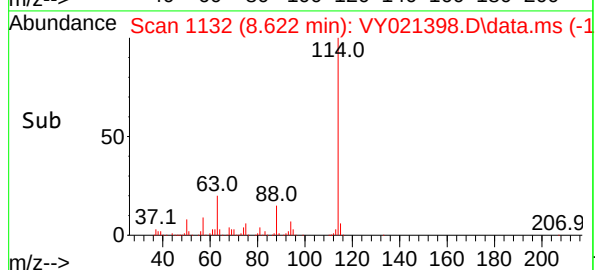
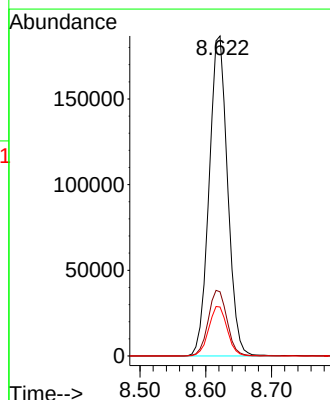
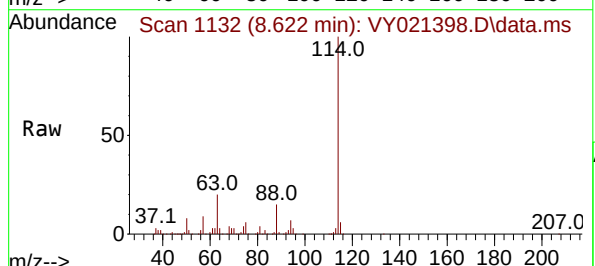
Tgt Ion:114 Resp: 364702

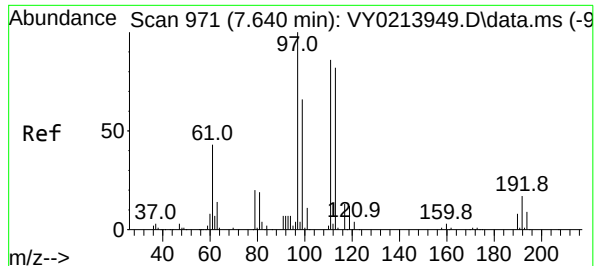
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 19.149 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

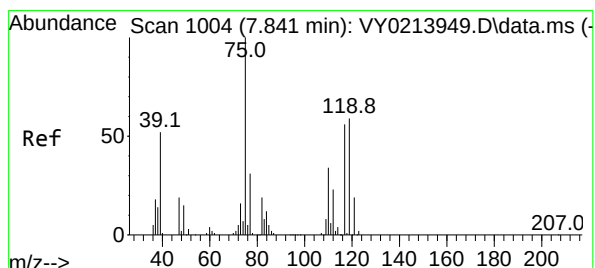
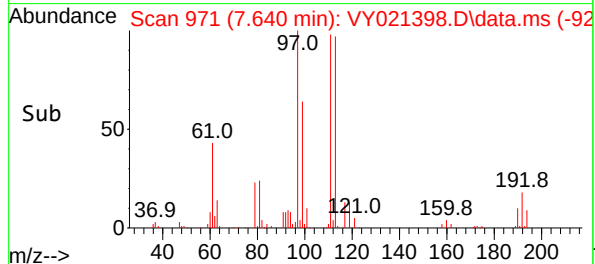
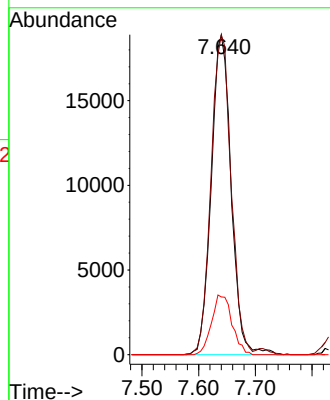
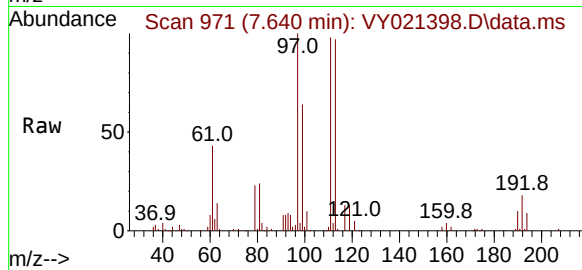
VSTDIC020

Tgt Ion:	113	Resp:	45904
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.0	123.0
192	19.2	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#36

1,1-Dichloropropene

Concen: 17.972 ug/l

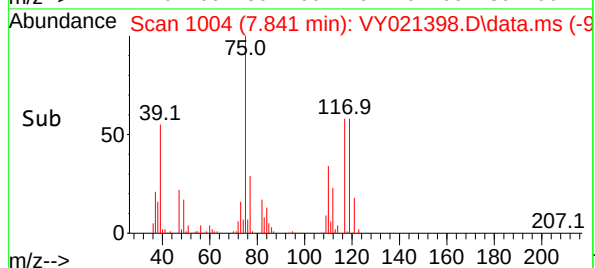
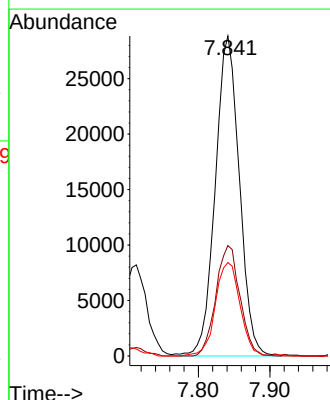
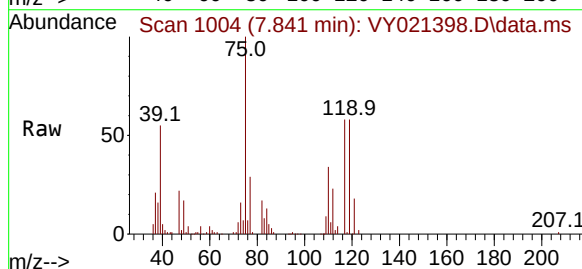
RT: 7.841 min Scan# 1004

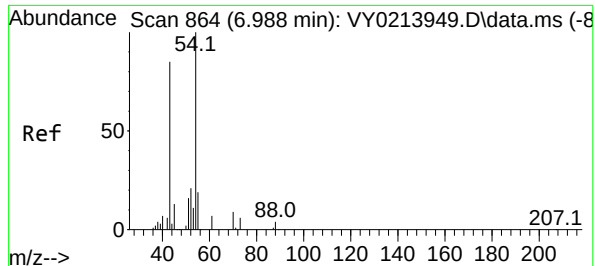
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	75	Resp:	67437
Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.3	51.7
77	29.9	25.4	38.2





#37

Ethyl Acetate

Concen: 17.733 ug/l m

RT: 6.988 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

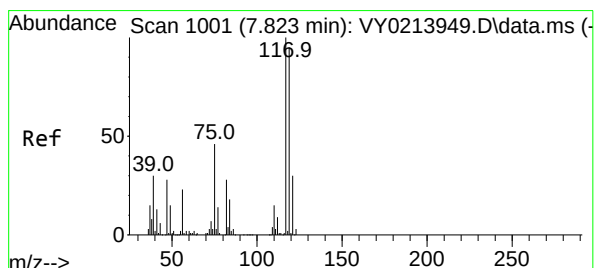
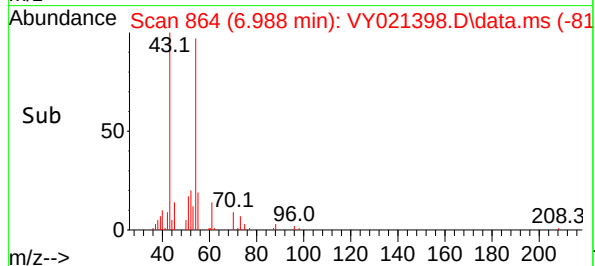
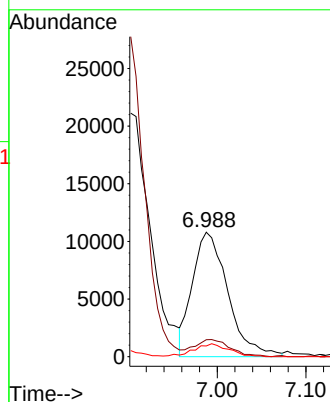
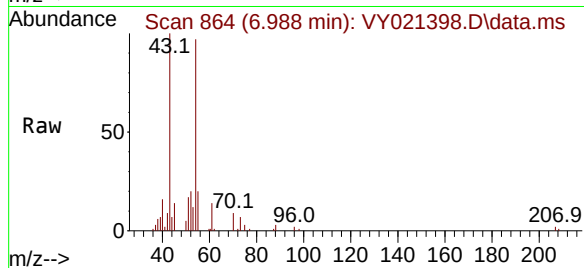
VSTDICC020

Tgt Ion:	43	Resp:	3001
Ion Ratio	Lower	Upper	
43	100		
61	13.5	11.4	17.0
70	10.3	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#38

Carbon Tetrachloride

Concen: 18.176 ug/l

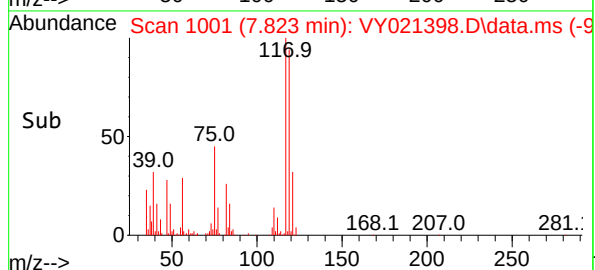
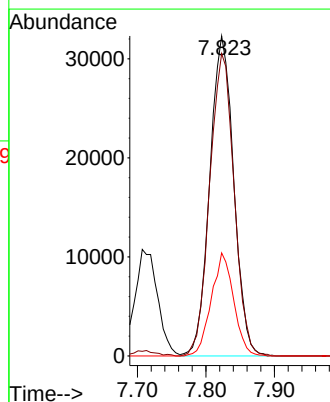
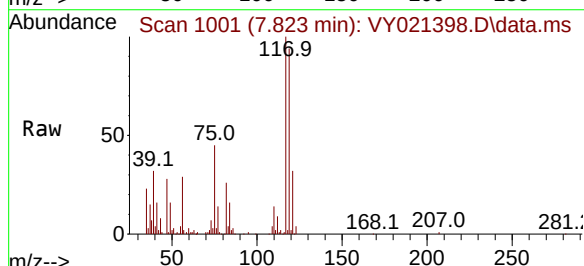
RT: 7.823 min Scan# 1001

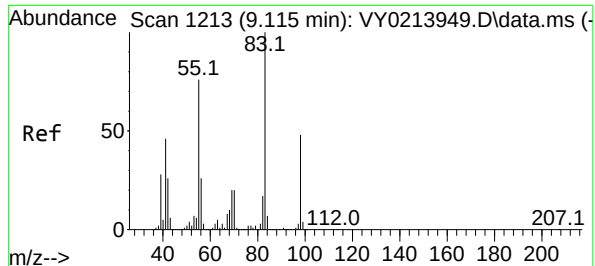
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	117	Resp:	78440
Ion Ratio	Lower	Upper	
117	100		
119	94.5	75.8	113.8
121	32.2	23.9	35.9





#39

Methylcyclohexane

Concen: 17.422 ug/l

RT: 9.115 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

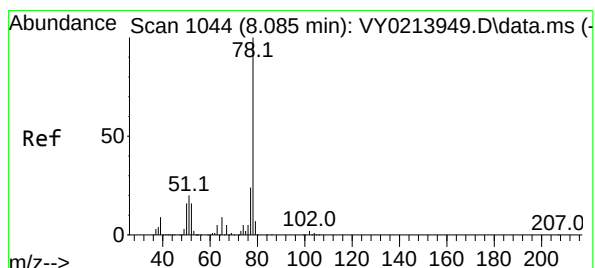
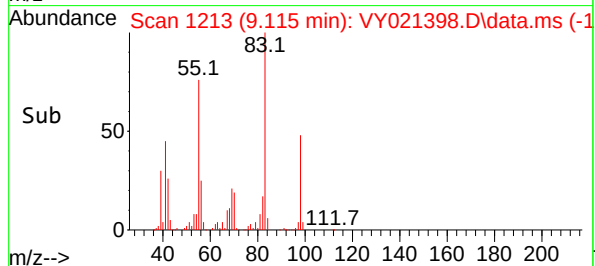
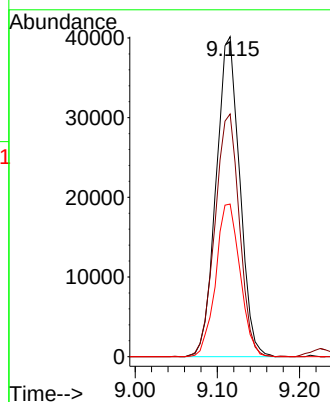
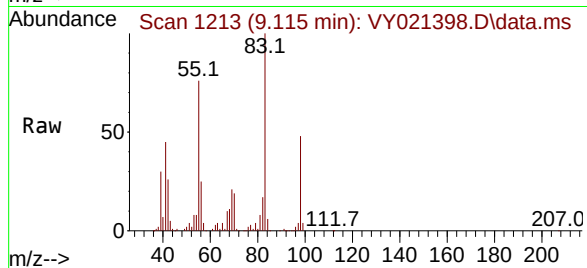
VSTDIC020

Tgt Ion:	83	Resp:	80192
Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.7	91.1
98	47.7	38.6	57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#40

Benzene

Concen: 18.027 ug/l

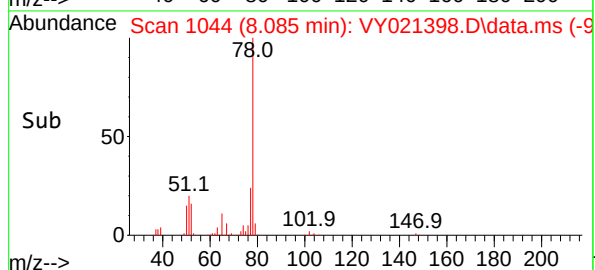
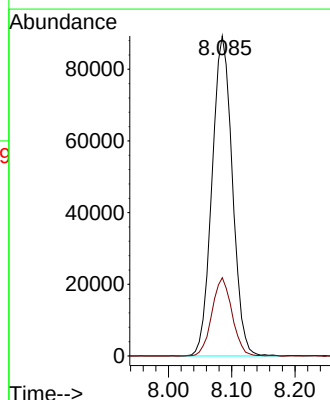
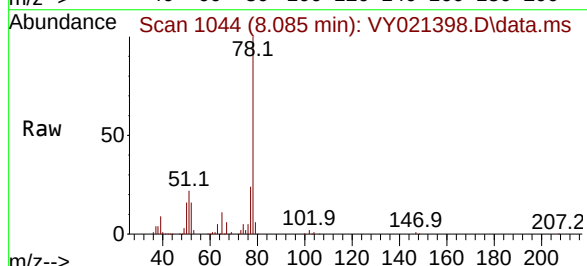
RT: 8.085 min Scan# 1044

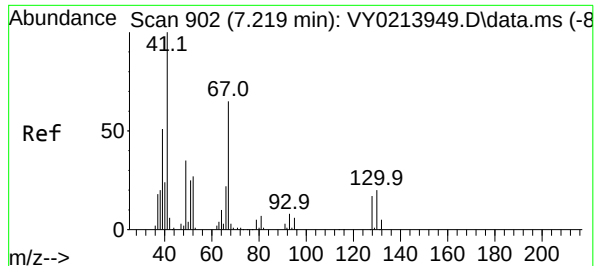
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	78	Resp:	199273
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





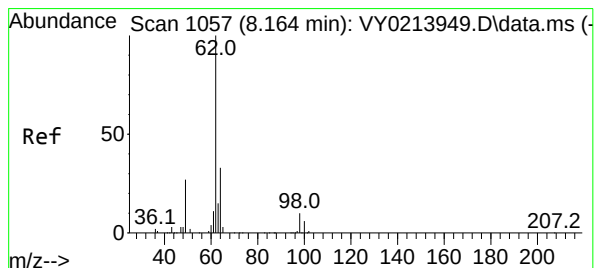
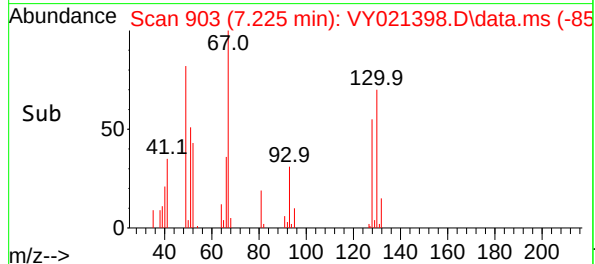
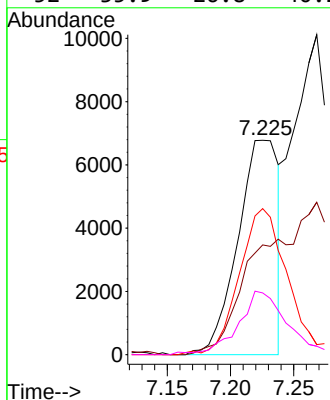
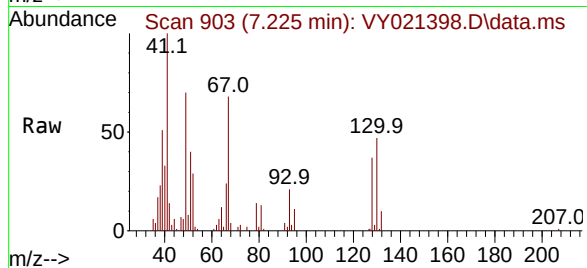
#41
Methacrylonitrile
Concen: 16.416 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 1513
Ion Ratio Lower Upper
41 100
39 0.0 35.0 52.6
67 81.9 61.2 91.8
52 35.9 26.8 40.2

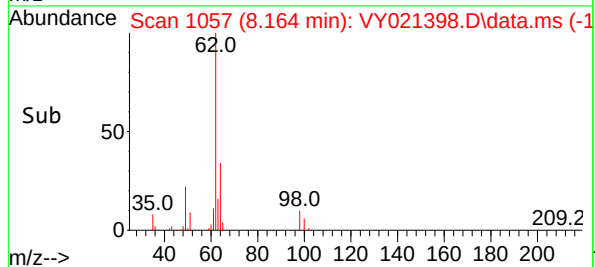
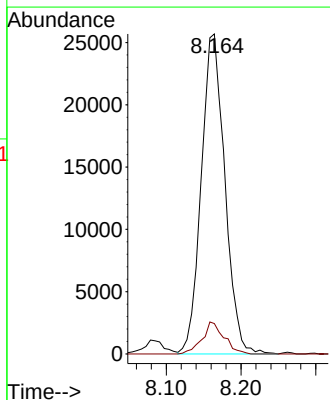
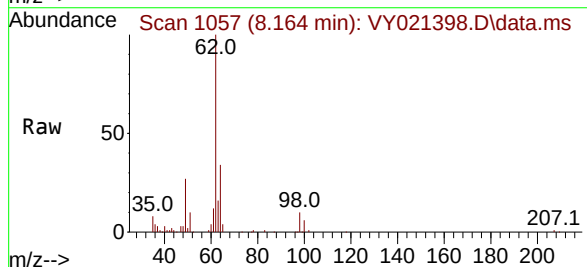
Manual Integrations
APPROVED

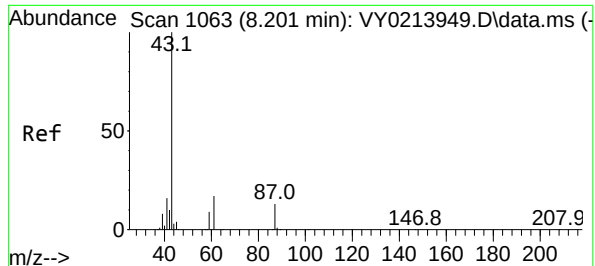
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#42
1,2-Dichloroethane
Concen: 18.224 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 62 Resp: 56356
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.2





#43

Isopropyl Acetate

Concen: 17.474 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

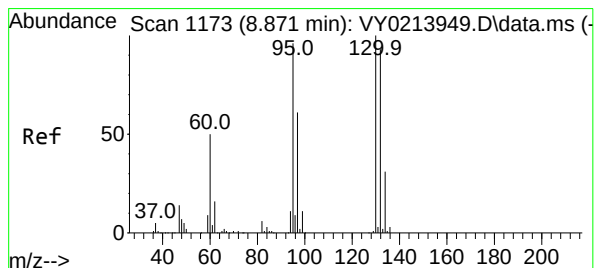
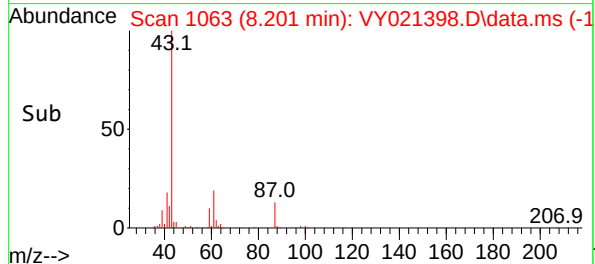
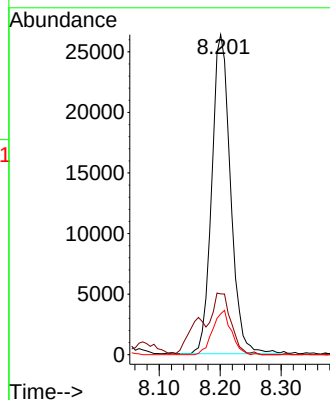
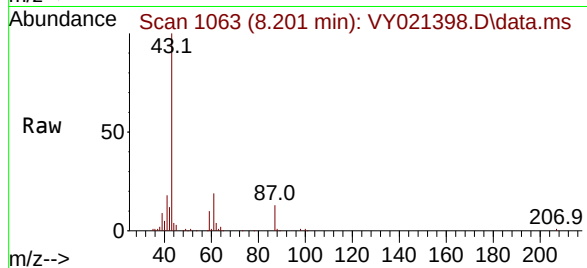
VSTDIC020

Tgt Ion:	43	Resp:	56260
Ion	Ratio	Lower	Upper
43	100		
61	19.8	23.4	35.0
87	13.8	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#44

Trichloroethene

Concen: 18.244 ug/l

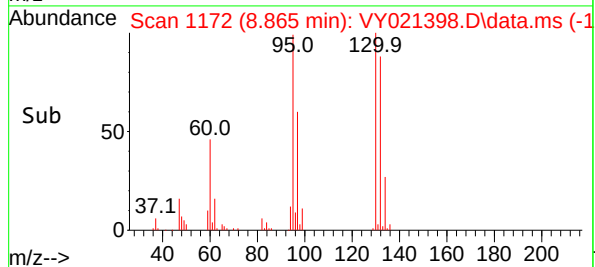
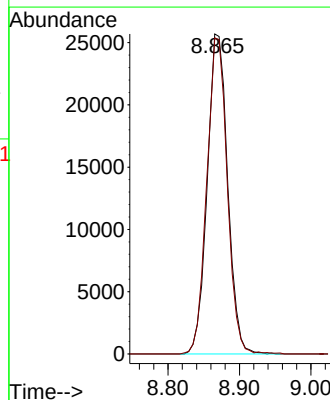
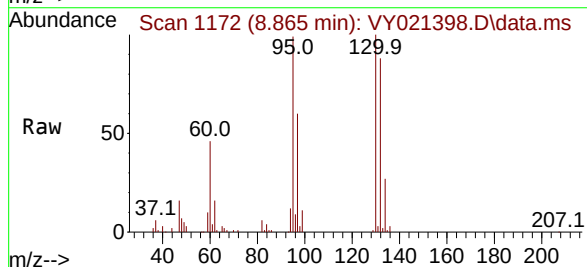
RT: 8.865 min Scan# 1172

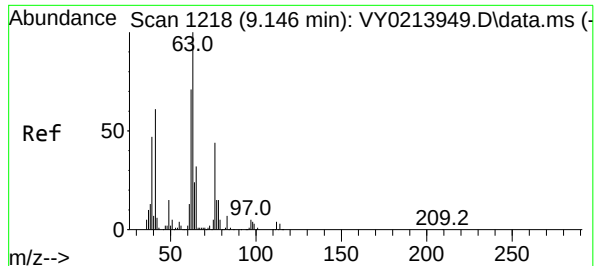
Delta R.T. -0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	130	Resp:	50961
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	191.6





#45

1,2-Dichloropropane

Concen: 18.460 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 4856

Ion Ratio Lower Upper

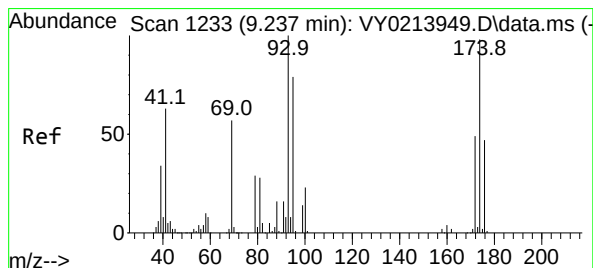
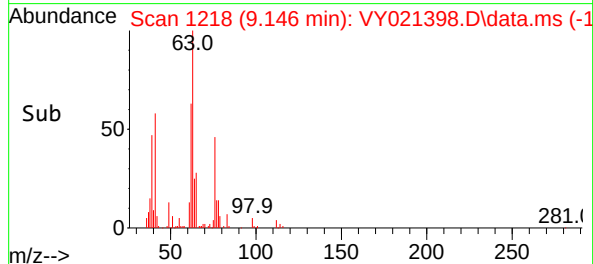
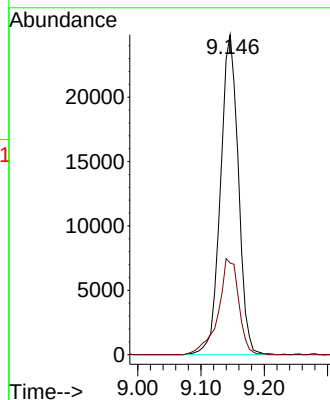
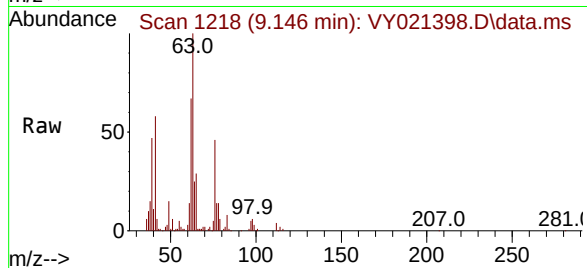
63 100

65 28.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#46

Dibromomethane

Concen: 18.426 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

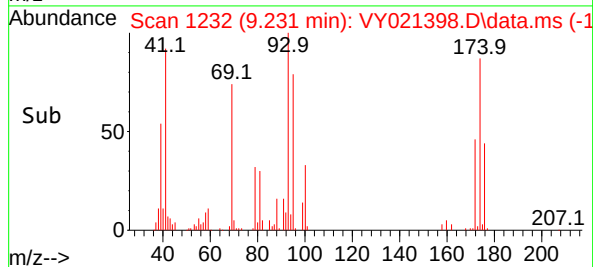
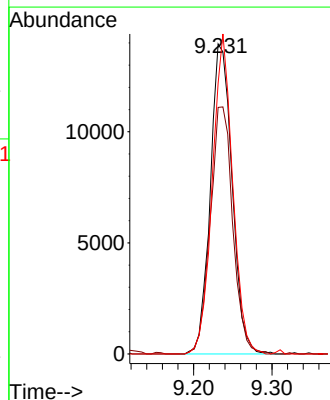
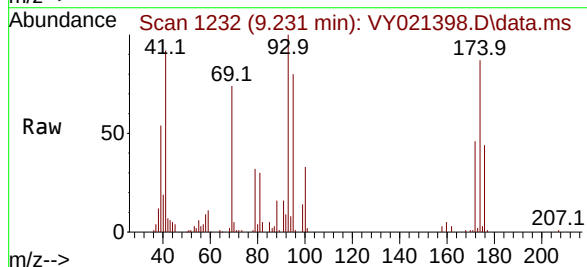
Tgt Ion: 93 Resp: 26972

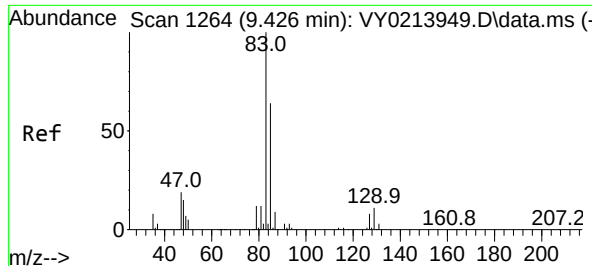
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

174 96.4 77.9 116.9





#47

Bromodichloromethane

Concen: 18.205 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

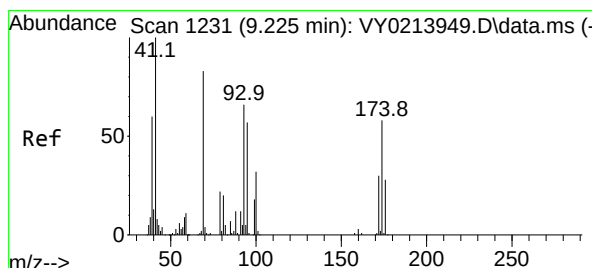
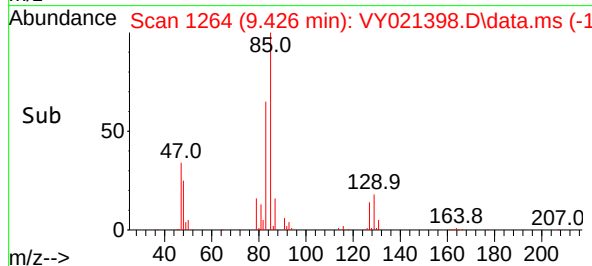
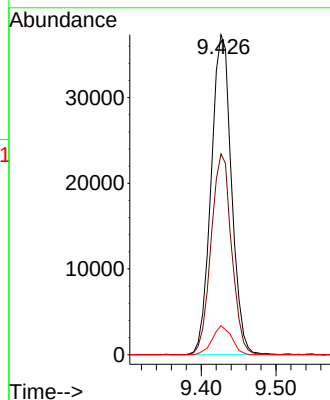
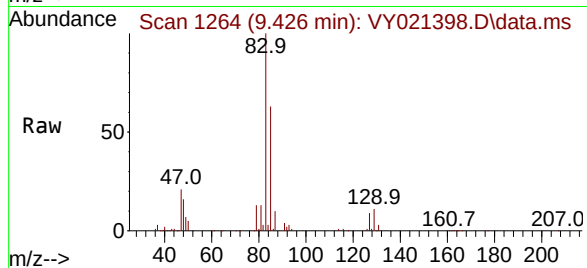
VSTDIC020

Tgt Ion:	83	Resp:	70770
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.1	76.7
127	9.0	6.7	10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#48

Methyl methacrylate

Concen: 17.976 ug/l

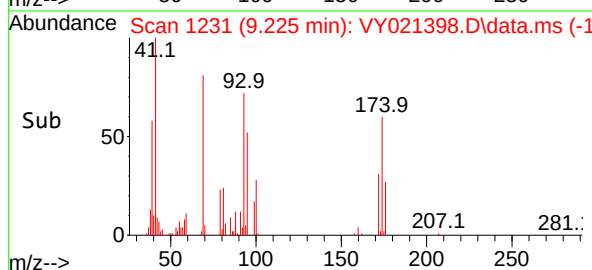
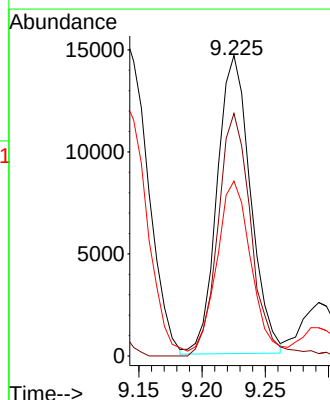
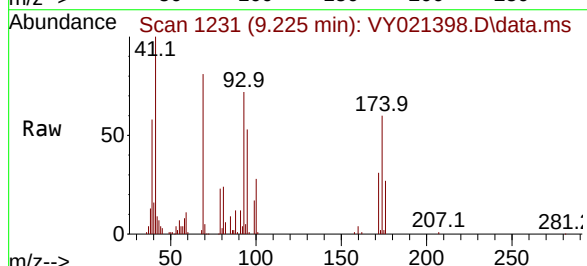
RT: 9.225 min Scan# 1231

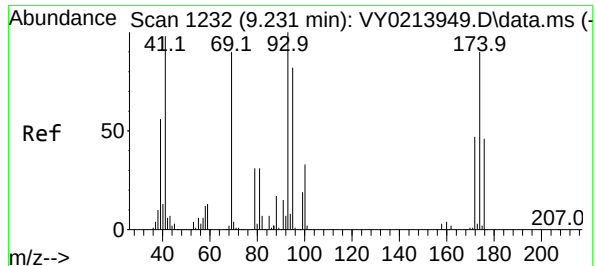
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	41	Resp:	26835
Ion	Ratio	Lower	Upper
41	100		
69	80.9	67.8	101.8
39	59.0	46.4	69.6





#49

1,4-Dioxane

Concen: 379.181 ug/l

RT: 9.237 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 544

Ion Ratio Lower Upper

88 100

43 36.7 25.0 37.4

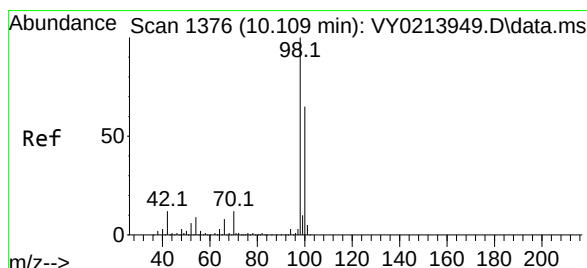
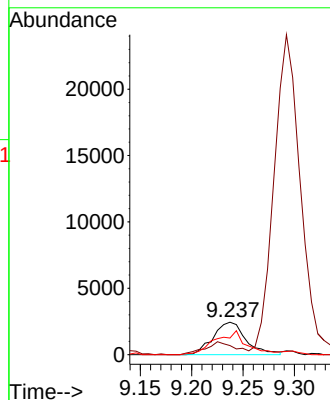
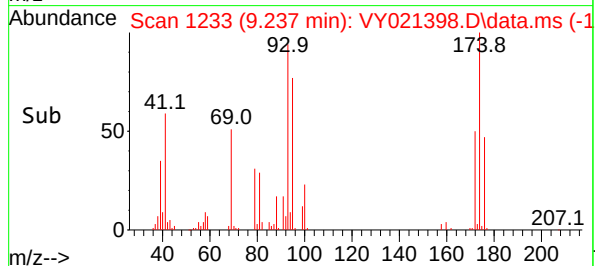
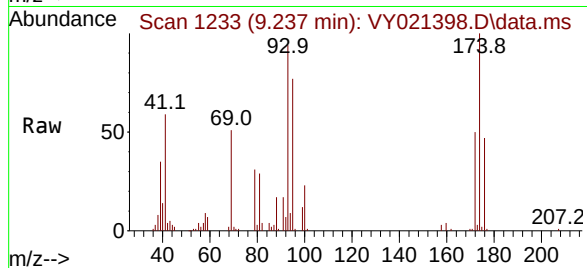
58 69.5 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#50

Toluene-d8

Concen: 18.951 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021398.D

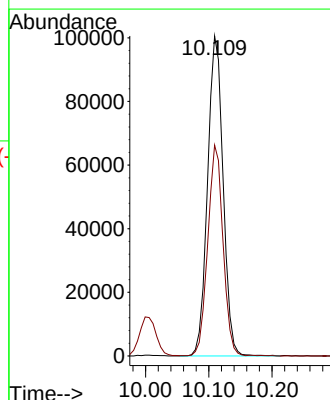
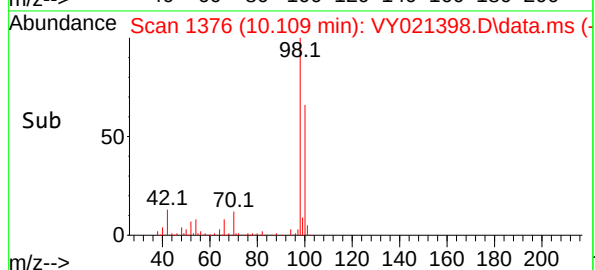
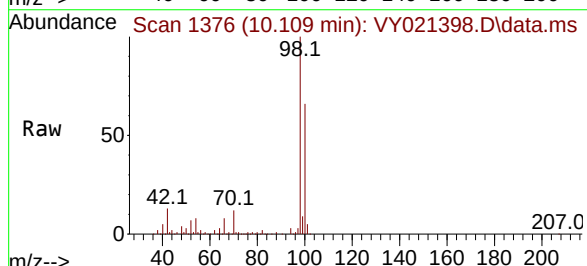
Acq: 04 Mar 2025 10:09

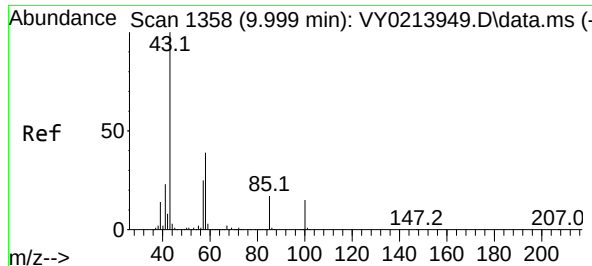
Tgt Ion: 98 Resp: 172011

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1





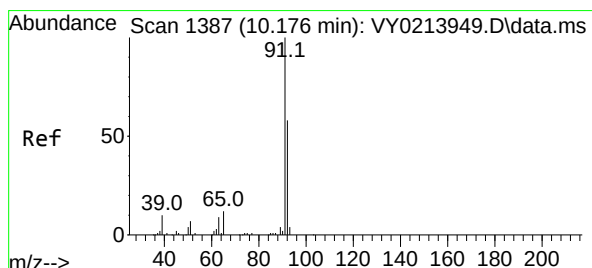
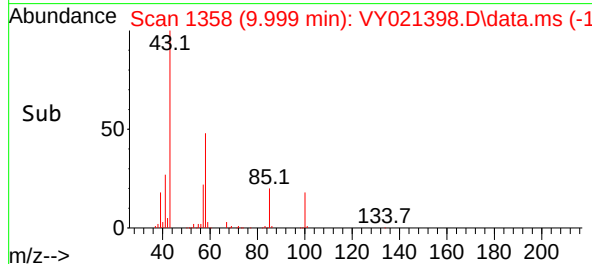
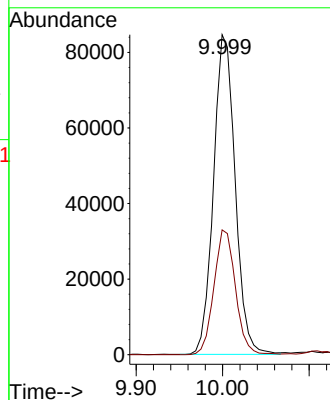
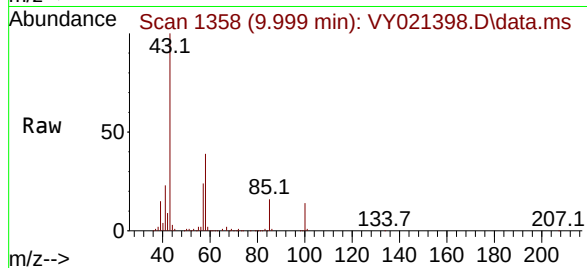
#51
4-Methyl-2-Pentanone
Concen: 88.535 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 147070
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.2

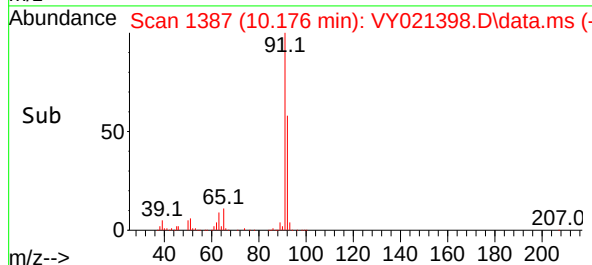
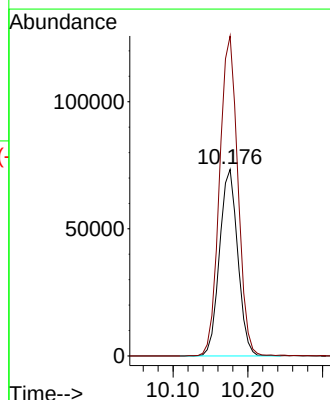
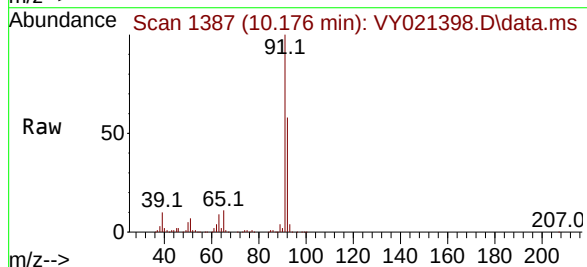
Manual Integrations
APPROVED

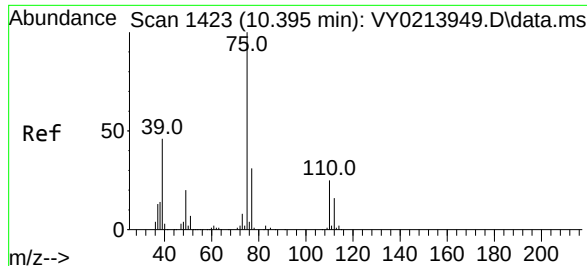
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 17.858 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 92 Resp: 124450
Ion Ratio Lower Upper
92 100
91 173.2 138.2 207.2





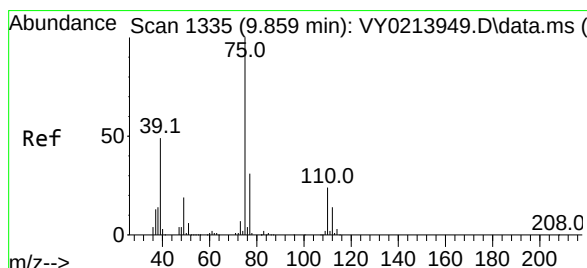
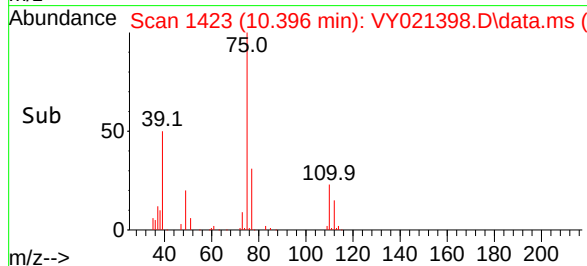
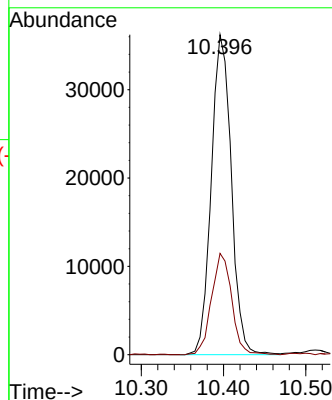
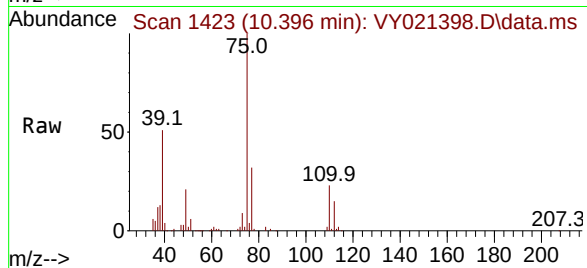
#53
t-1,3-Dichloropropene
Concen: 17.911 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 6134
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6

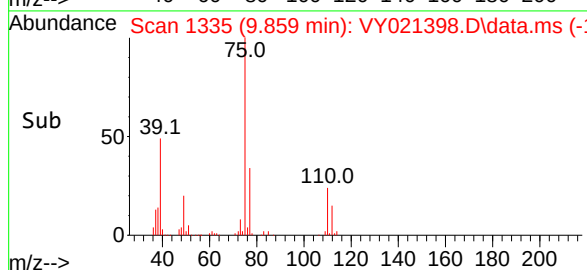
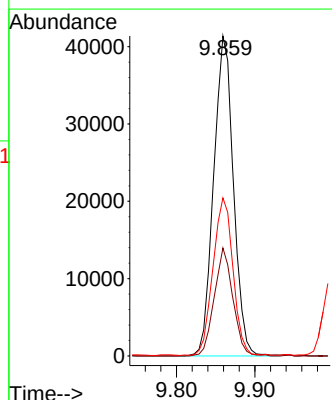
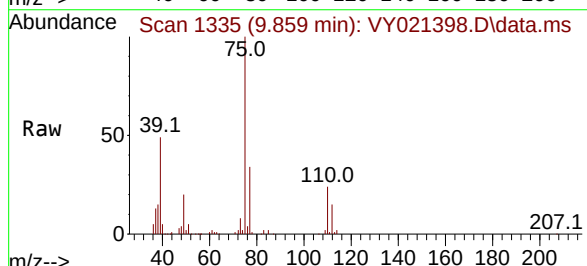
Manual Integrations
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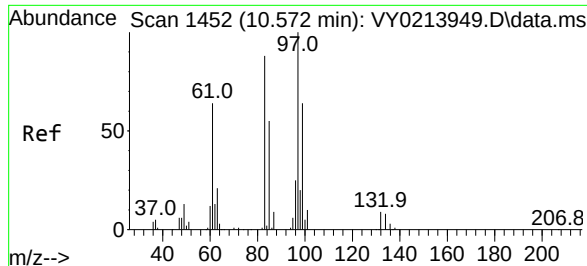
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 17.873 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 75 Resp: 72678
Ion Ratio Lower Upper
75 100
77 33.7 24.6 37.0
39 49.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 18.085 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 34630

Ion Ratio Lower Upper

97 100

83 90.7 70.0 105.0

85 54.8 44.3 66.5

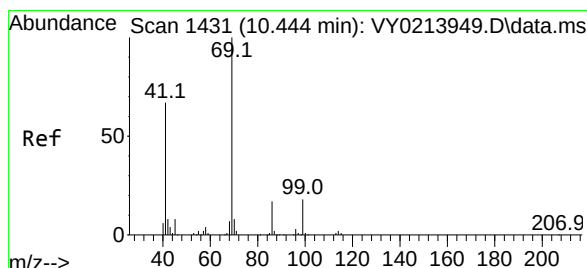
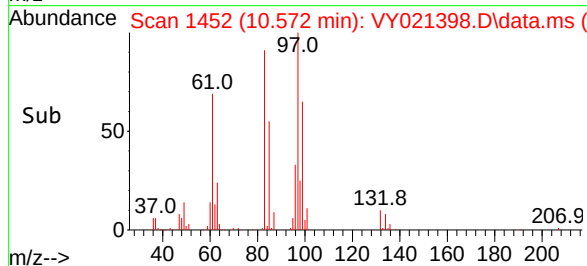
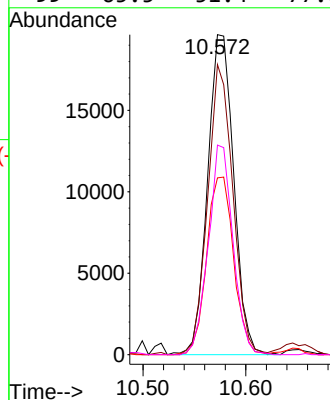
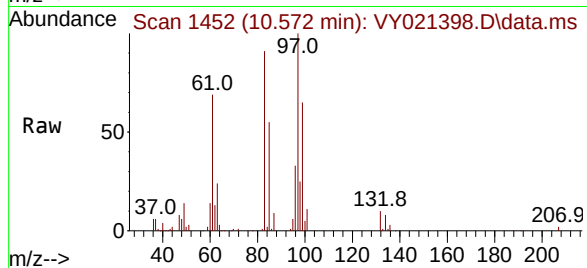
99 65.5 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#56

Ethyl methacrylate

Concen: 17.253 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

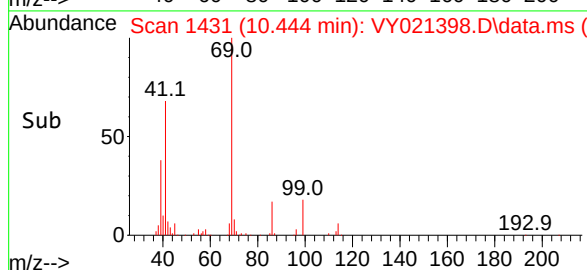
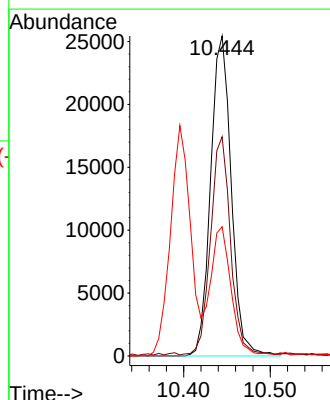
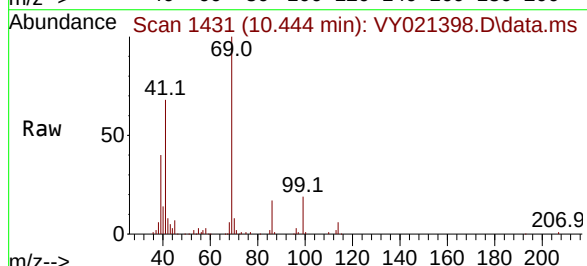
Tgt Ion: 69 Resp: 42134

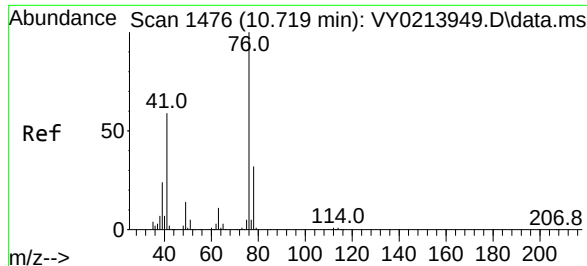
Ion Ratio Lower Upper

69 100

41 65.8 53.3 79.9

39 39.6 31.0 46.6





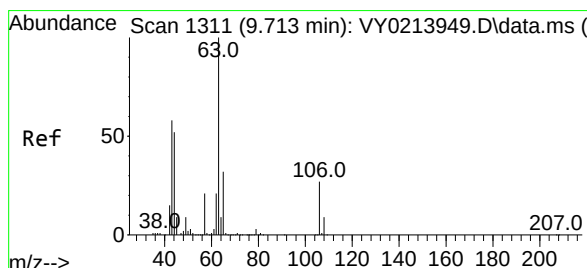
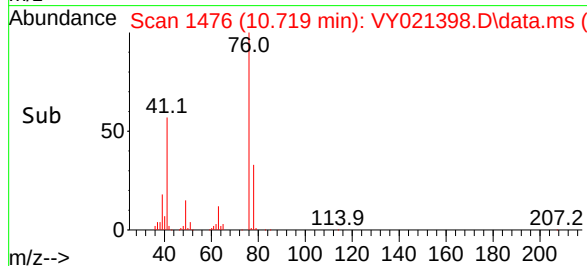
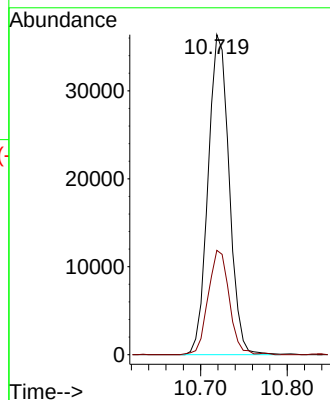
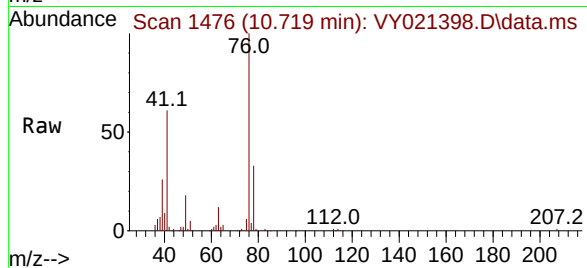
#57
1,3-Dichloropropane
Concen: 18.514 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 6144
Ion Ratio Lower Upper
76 100
78 32.5 26.3 39.5

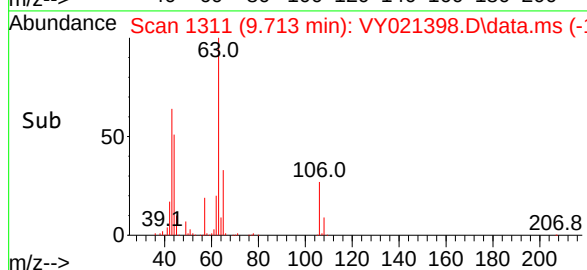
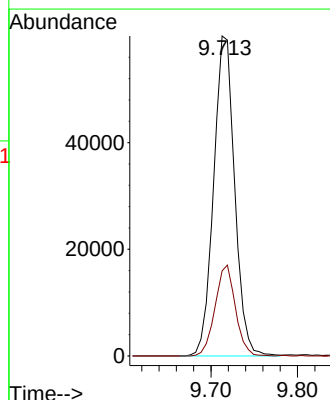
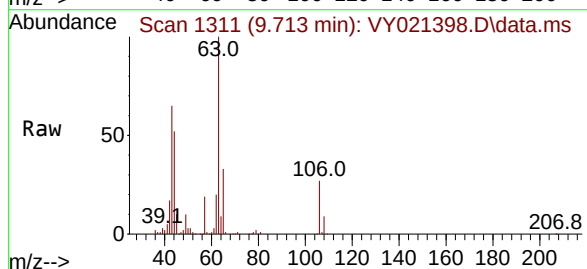
Manual Integrations
APPROVED

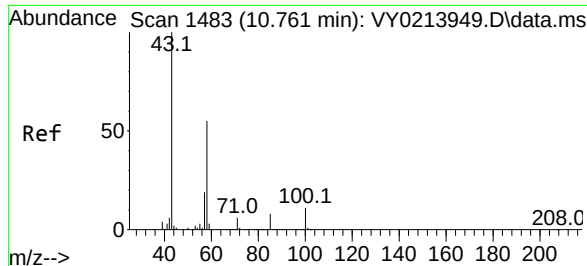
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 89.786 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

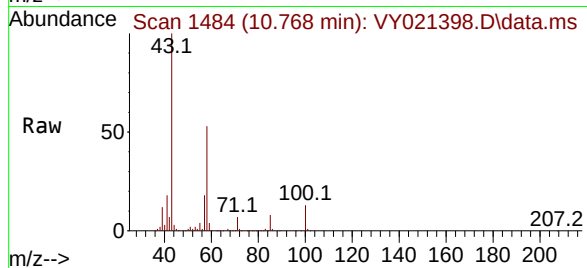
Tgt Ion: 63 Resp: 101217
Ion Ratio Lower Upper
63 100
106 27.4 22.1 33.1





#59
2-Hexanone
Concen: 85.937 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

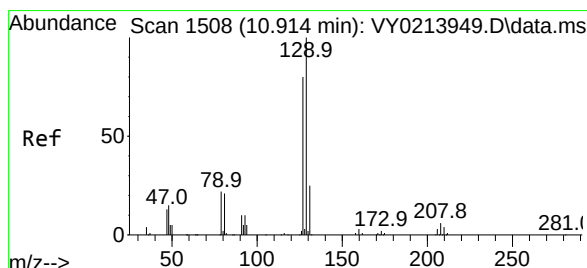
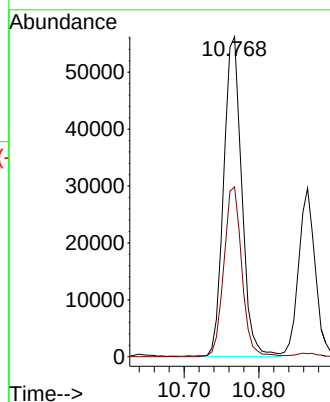
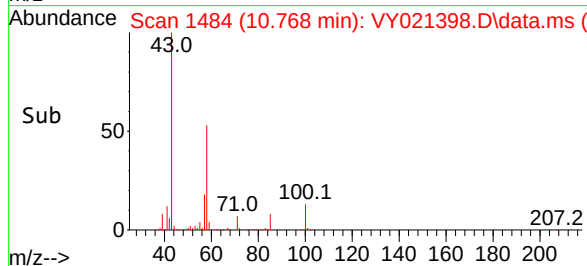
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 9439
Ion Ratio Lower Upper
43 100
58 52.8 27.3 81.8

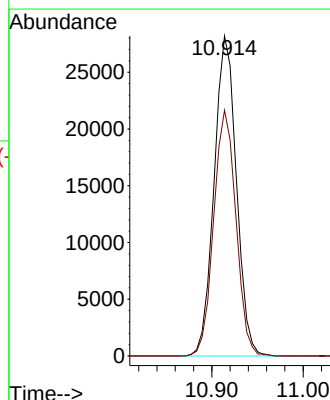
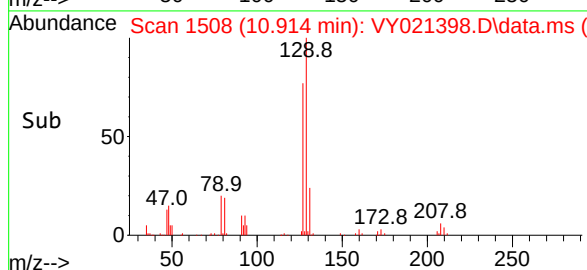
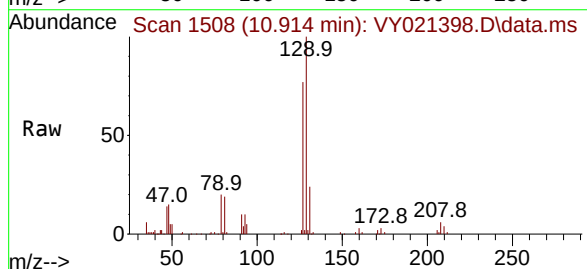
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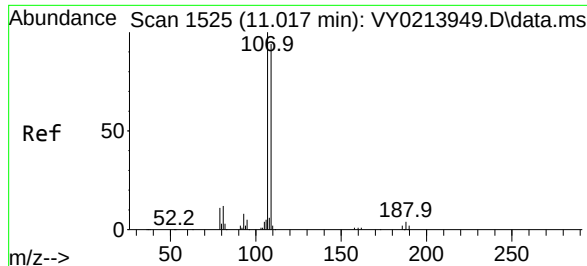
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60
Dibromochloromethane
Concen: 18.176 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion:129 Resp: 47714
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3





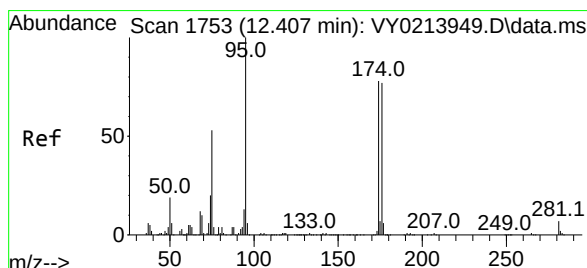
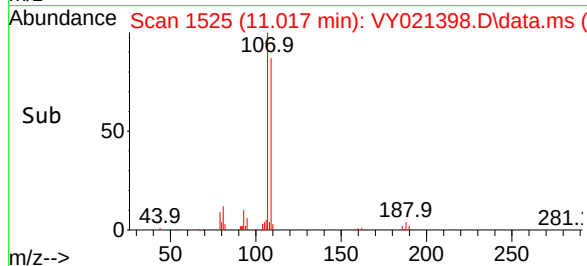
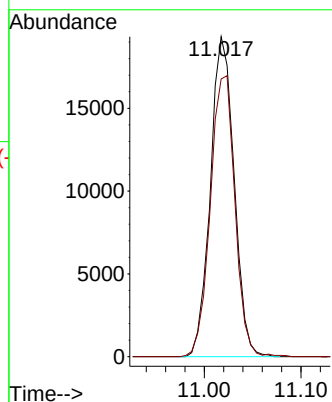
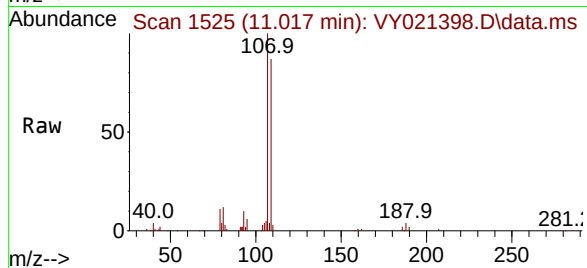
#61
1,2-Dibromoethane
Concen: 18.220 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 3292
Ion Ratio Lower Upper
107 100
109 91.2 75.8 113.8

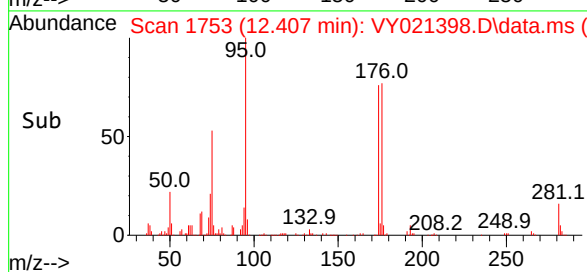
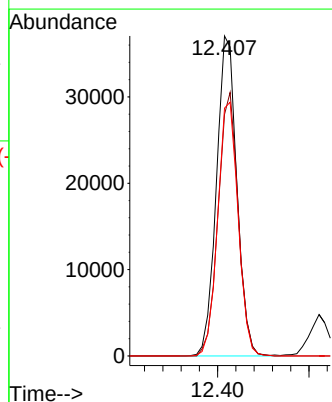
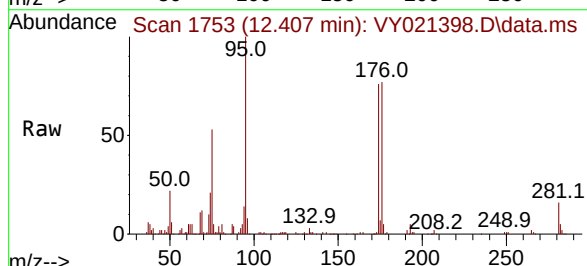
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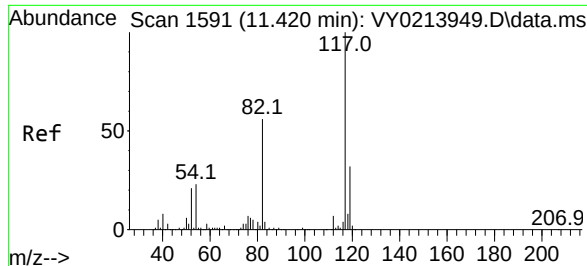
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 18.609 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

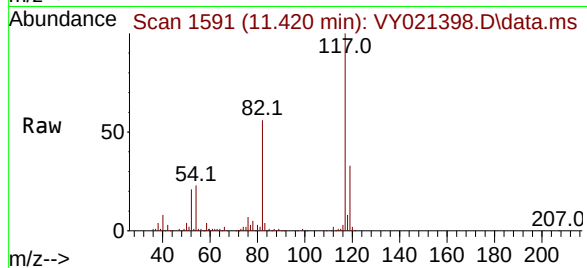
Tgt Ion: 95 Resp: 57456
Ion Ratio Lower Upper
95 100
174 81.0 0.0 165.0
176 79.3 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

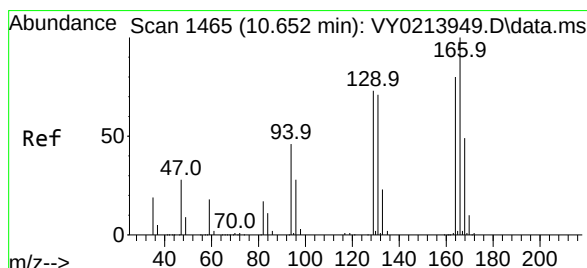
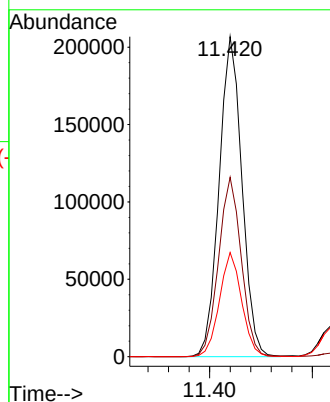
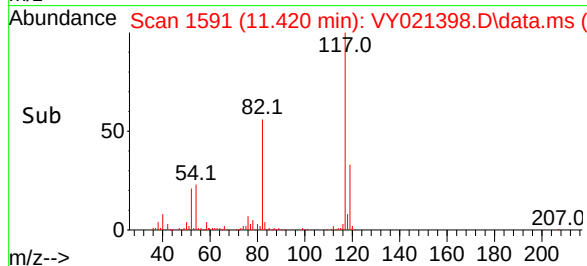
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 318510
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 32.6 25.4 38.0

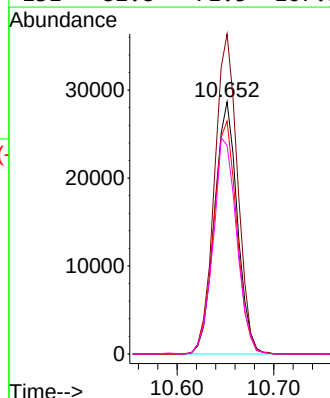
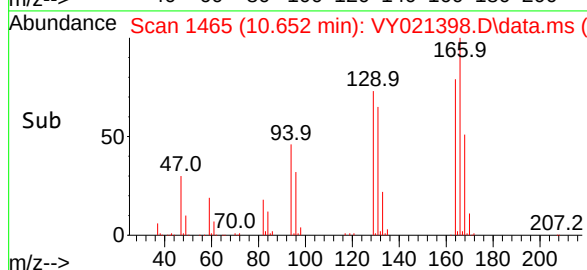
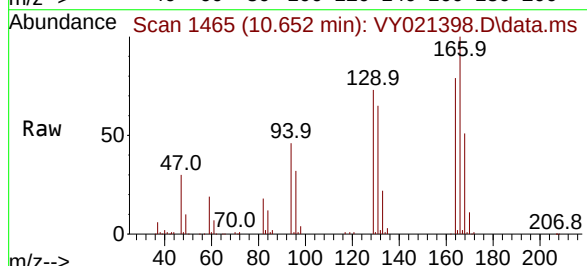
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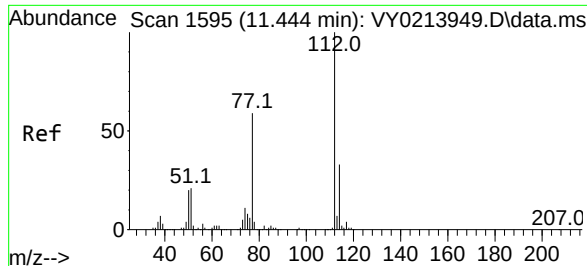
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#64
Tetrachloroethene
Concen: 18.193 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion:164 Resp: 47121
Ion Ratio Lower Upper
164 100
166 126.9 100.4 150.6
129 92.4 73.8 110.8
131 82.8 71.5 107.3





#65

Chlorobenzene

Concen: 18.035 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:112 Resp: 13564

Ion Ratio Lower Upper

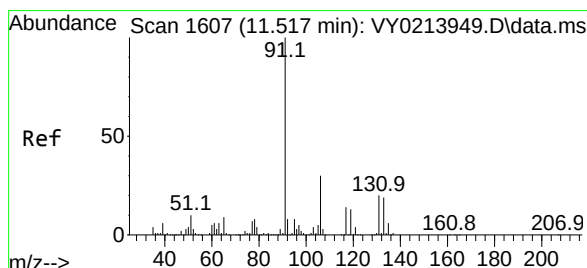
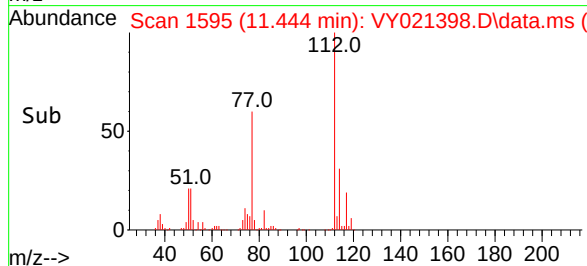
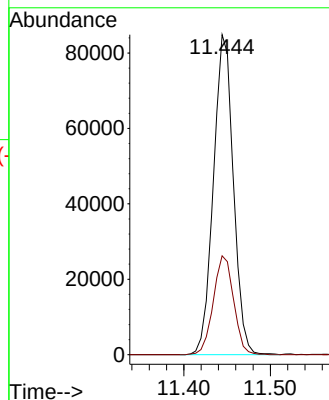
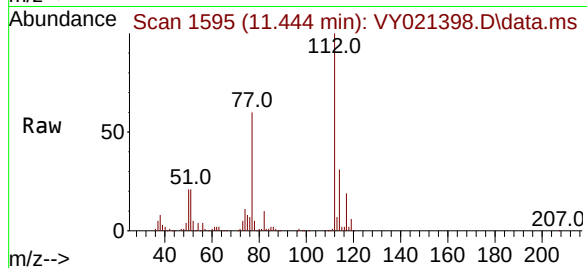
112 100

114 30.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 18.050 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

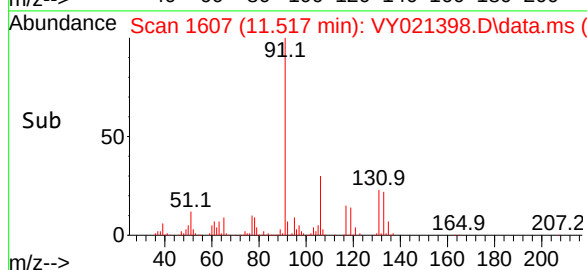
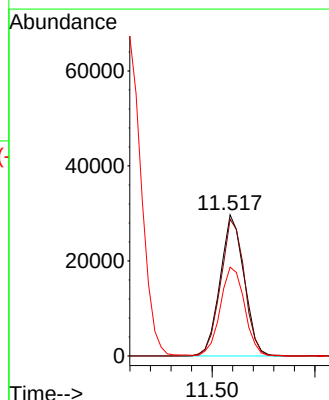
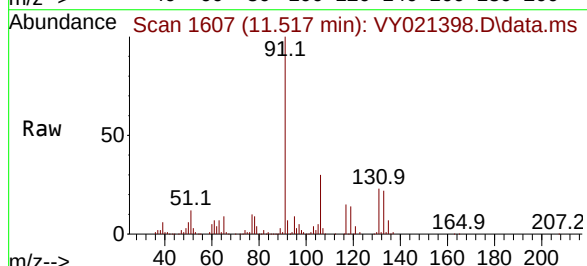
Tgt Ion:131 Resp: 47998

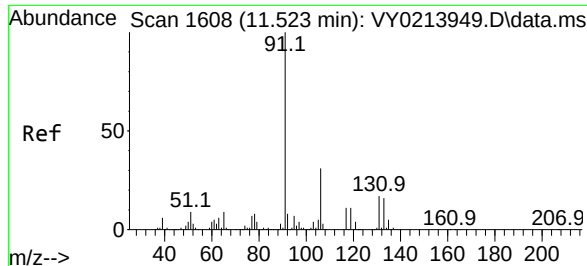
Ion Ratio Lower Upper

131 100

133 96.5 47.6 142.9

119 64.0 32.3 96.9





#67

Ethyl Benzene

Concen: 17.609 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 232468

Ion Ratio Lower Upper

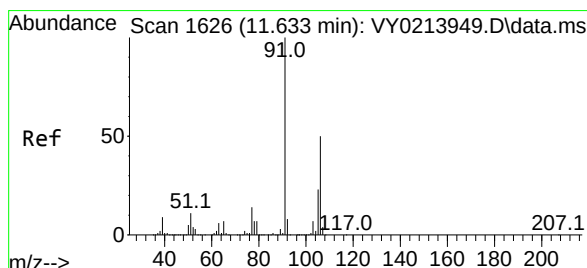
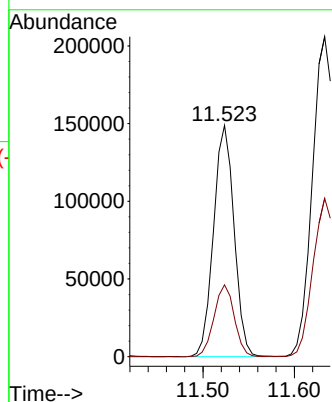
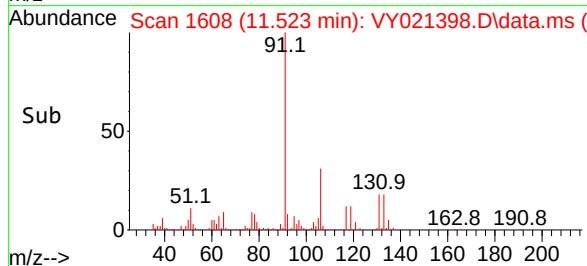
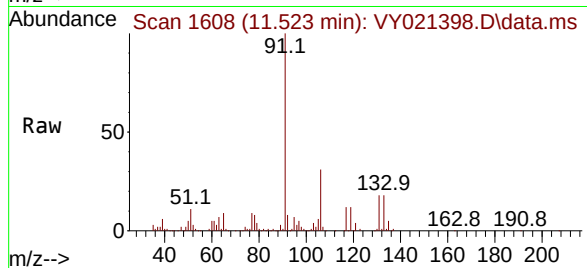
91 100

106 31.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#68

m/p-Xylenes

Concen: 35.847 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021398.D

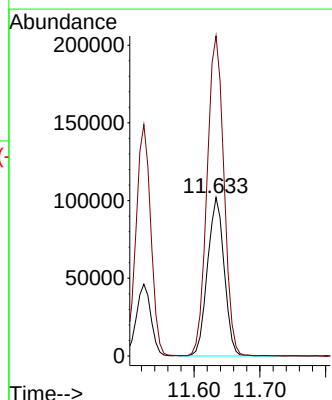
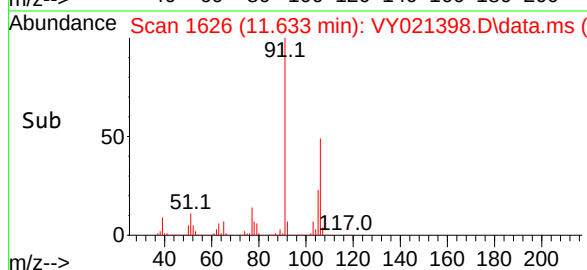
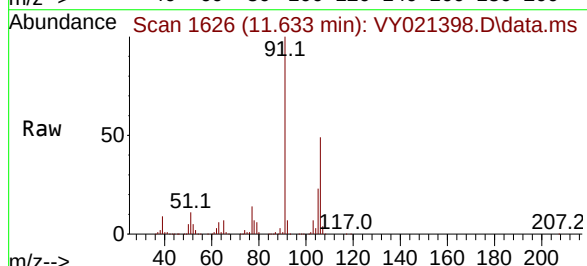
Acq: 04 Mar 2025 10:09

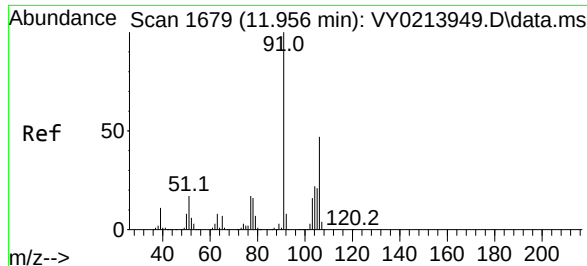
Tgt Ion:106 Resp: 179664

Ion Ratio Lower Upper

106 100

91 203.8 161.7 242.5





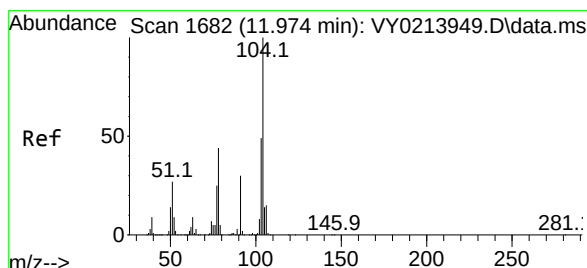
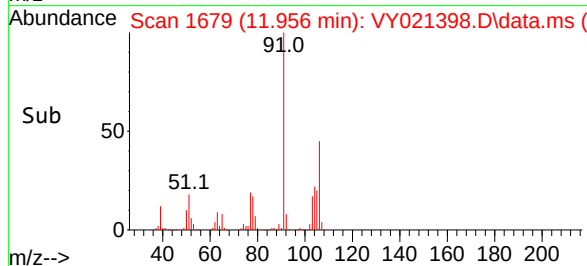
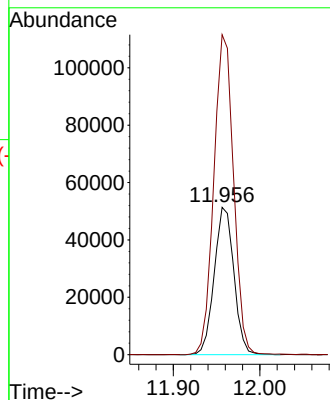
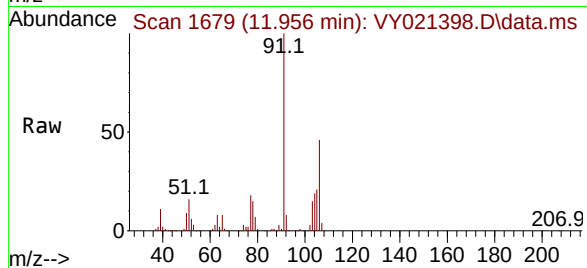
#69
o-Xylene
Concen: 17.516 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 80909
Ion Ratio Lower Upper
106 100
91 218.6 107.6 322.8

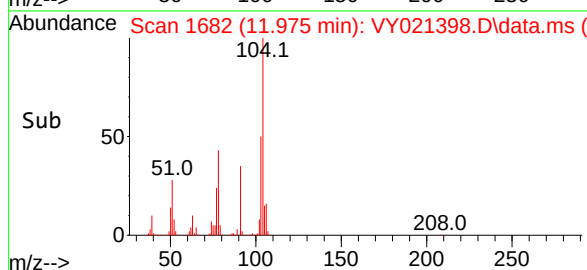
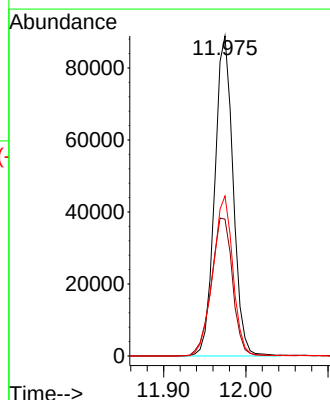
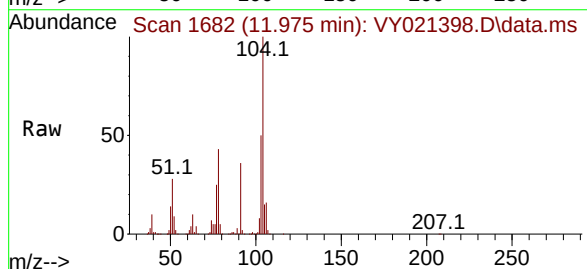
Manual Integrations
APPROVED

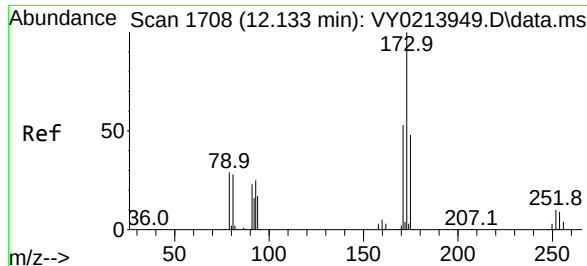
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#70
Styrene
Concen: 18.027 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

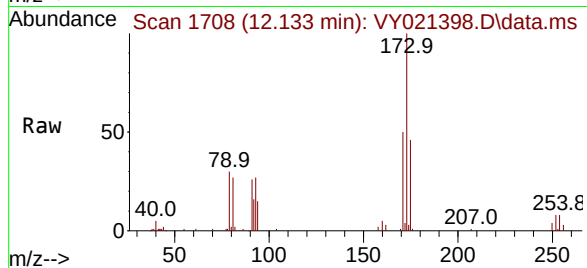
Tgt Ion:104 Resp: 138147
Ion Ratio Lower Upper
104 100
78 50.0 40.7 61.1
103 54.4 44.1 66.1





#71
Bromoform
Concen: 18.288 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

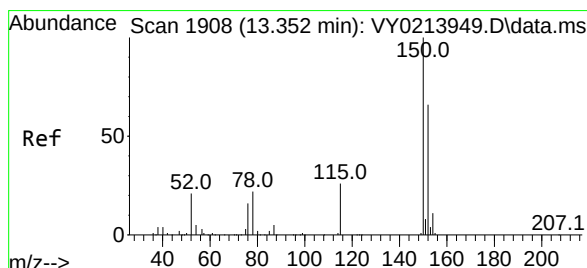
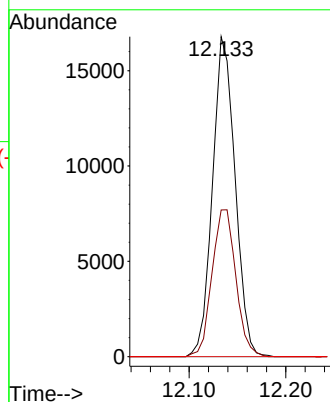
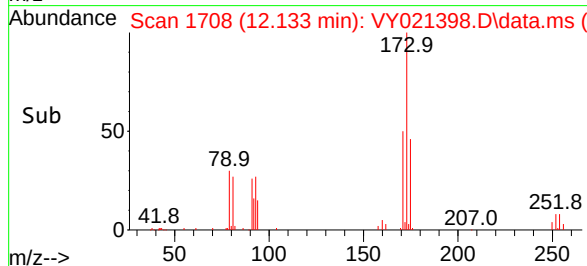
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



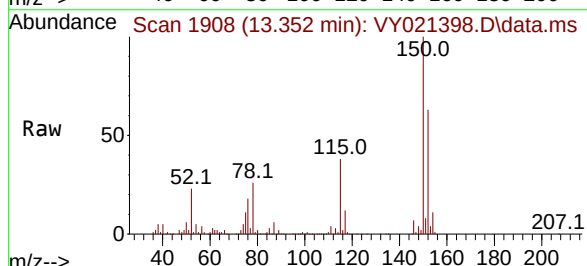
Tgt Ion:173 Resp: 27180
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

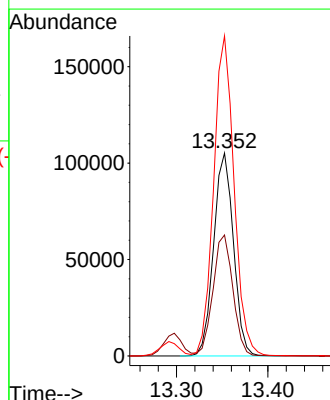
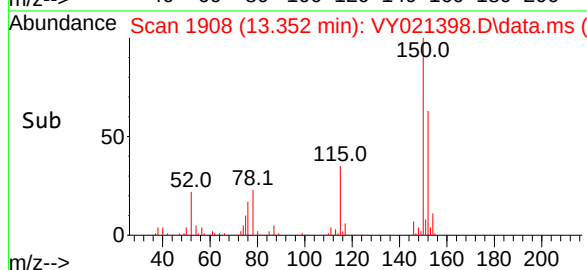
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

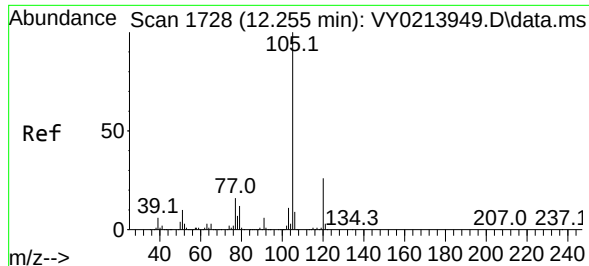


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09



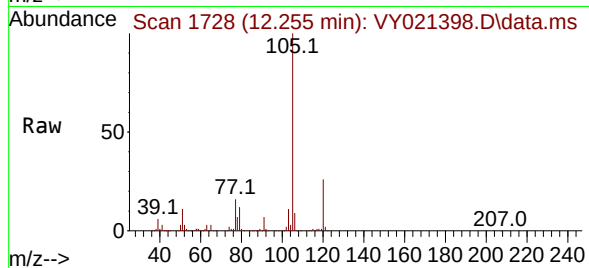
Tgt Ion:152 Resp: 158359
Ion Ratio Lower Upper
152 100
115 59.9 29.0 87.0
150 162.4 0.0 347.2





#73
Isopropylbenzene
Concen: 17.612 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

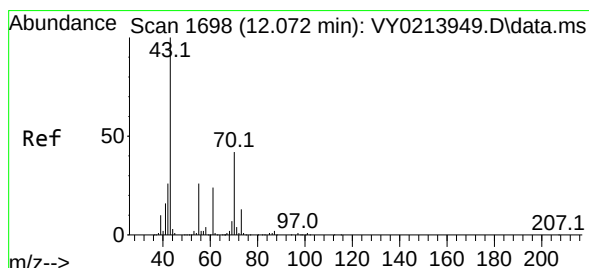
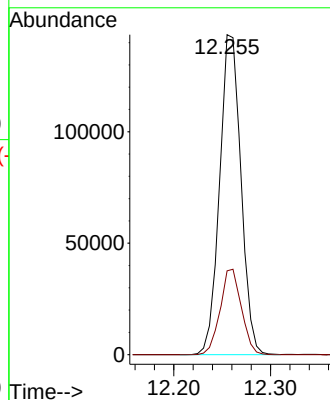
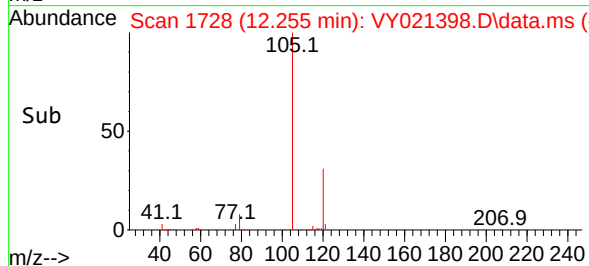
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 105 Resp: 21969
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

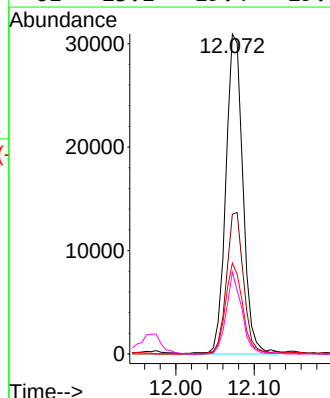
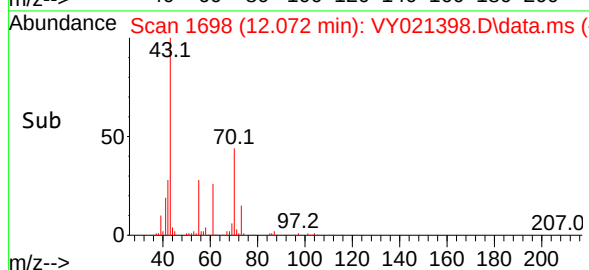
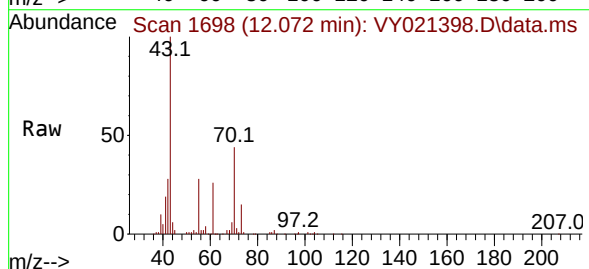
Manual Integrations
APPROVED

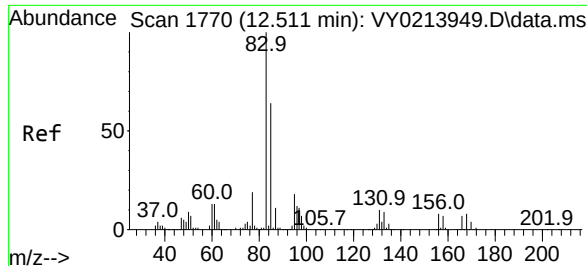
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 17.372 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 43 Resp: 47062
Ion Ratio Lower Upper
43 100
70 44.4 34.6 51.8
55 28.7 21.1 31.7
61 23.1 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.341 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

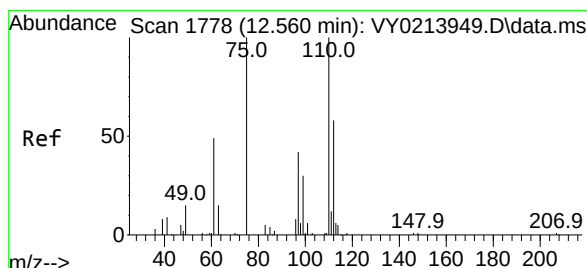
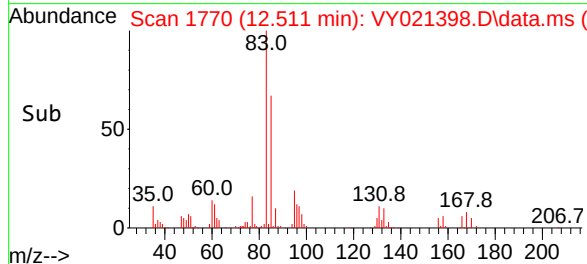
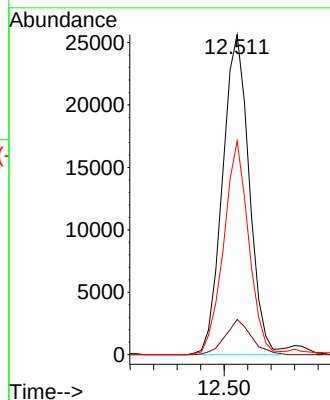
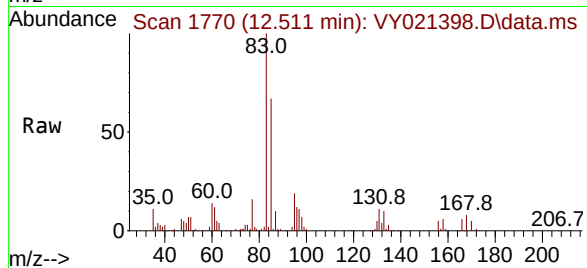
VSTDIC020

Tgt Ion:	83	Resp:	4037
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.3	16.1
85	63.0	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#76

1,2,3-Trichloropropane

Concen: 17.055 ug/l m

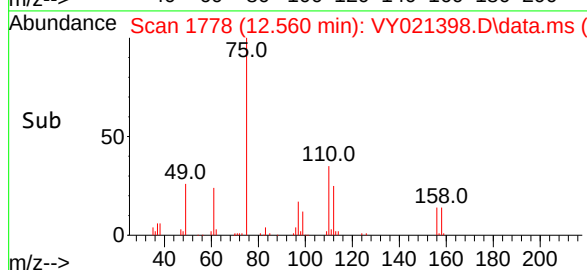
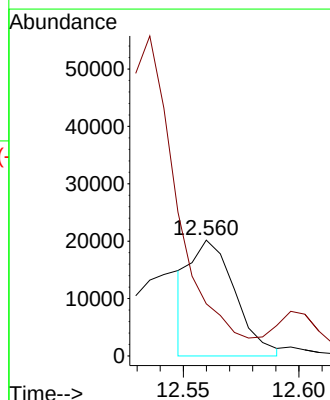
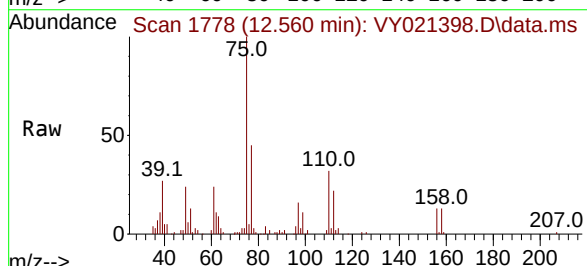
RT: 12.560 min Scan# 1778

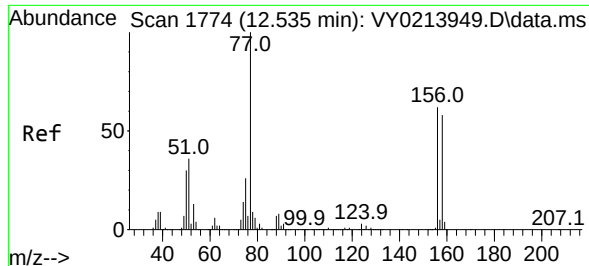
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	75	Resp:	27215
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.874 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

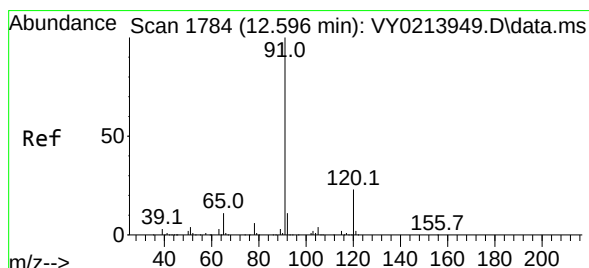
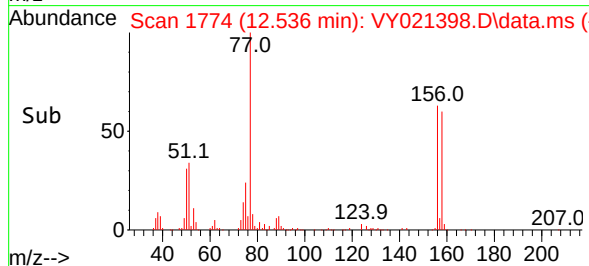
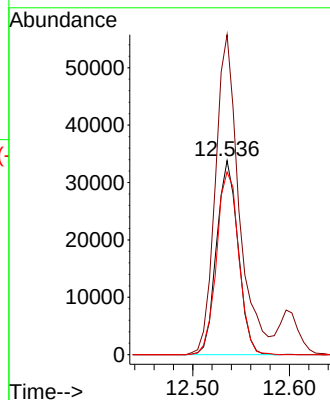
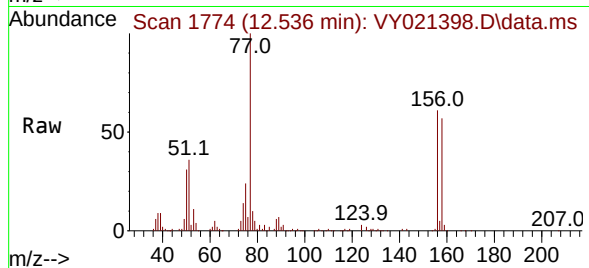
VSTDIC020

Tgt Ion:	156	Resp:	5216
Ion Ratio	Lower	Upper	
156	100		
77	181.3	93.6	280.8
158	97.3	48.3	144.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78

n-propylbenzene

Concen: 17.819 ug/l

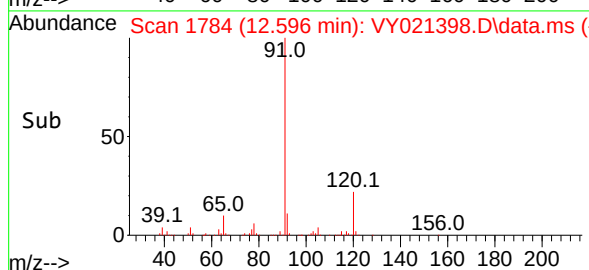
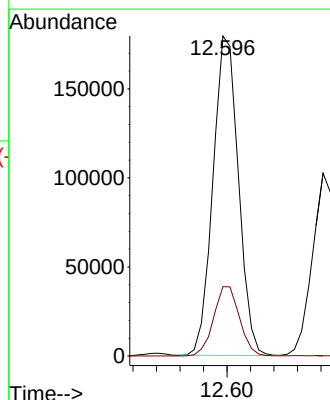
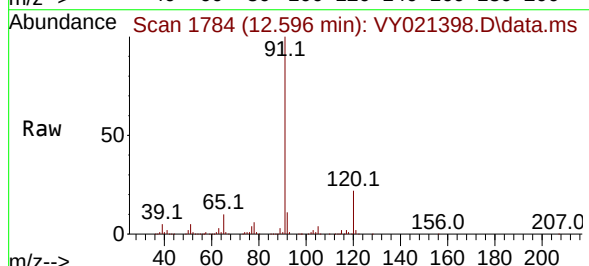
RT: 12.596 min Scan# 1784

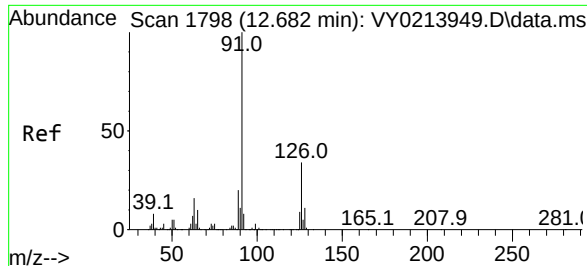
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

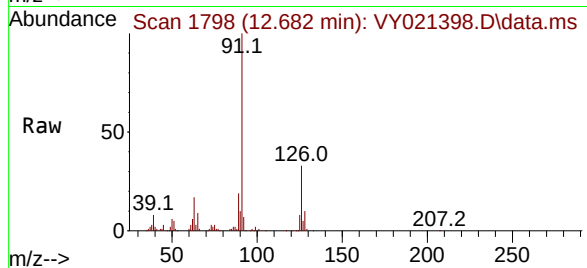
Tgt Ion:	91	Resp:	269961
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.3	33.8





#79
2-Chlorotoluene
Concen: 17.906 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

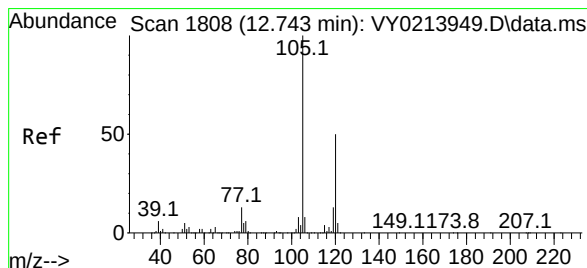
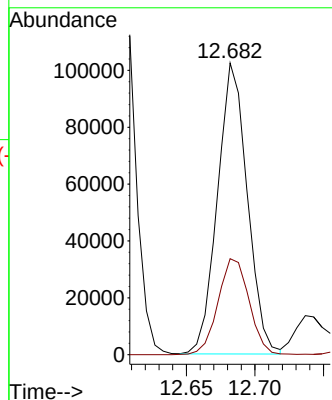
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 155109
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6

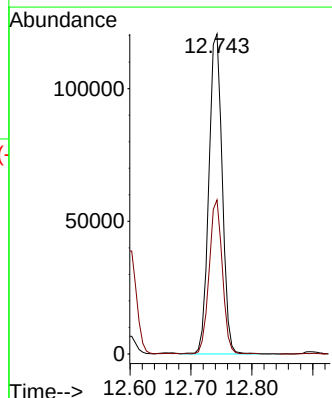
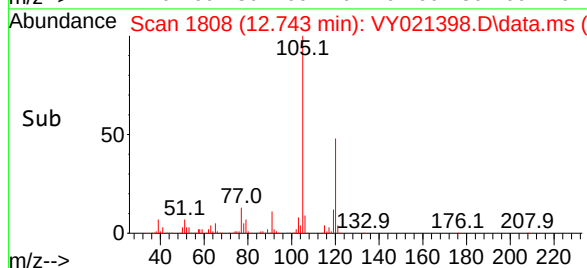
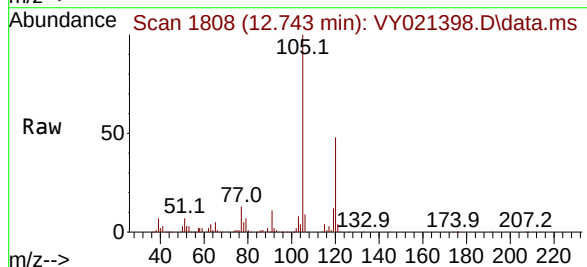
Manual Integrations
APPROVED

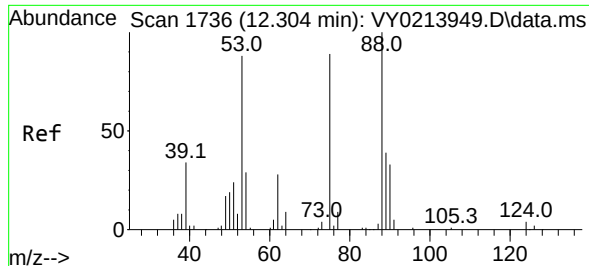
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.091 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion:105 Resp: 183398
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6





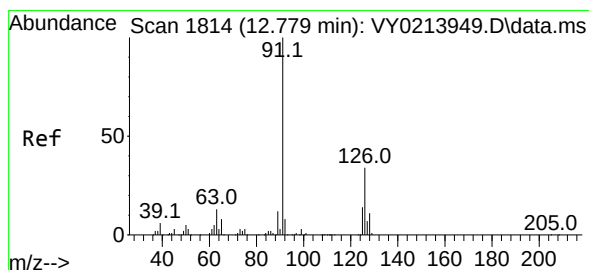
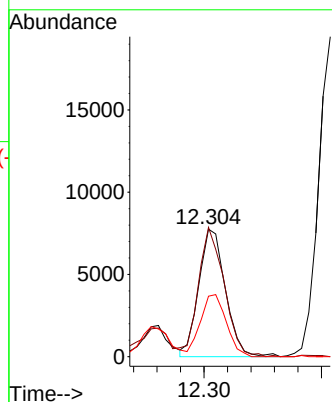
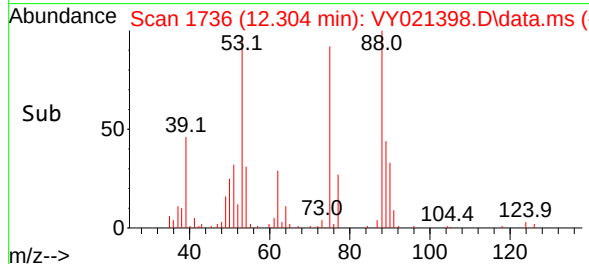
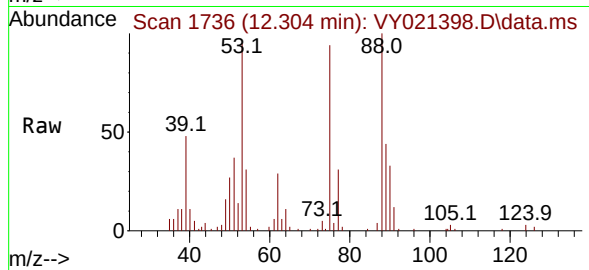
#81
trans-1,4-Dichloro-2-butene
Concen: 17.456 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 1225
Ion Ratio Lower Upper
75 100
53 99.1 81.0 121.4
89 46.9 36.9 55.3

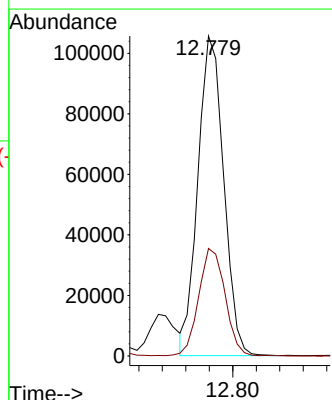
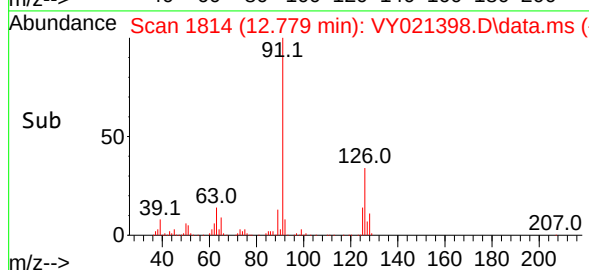
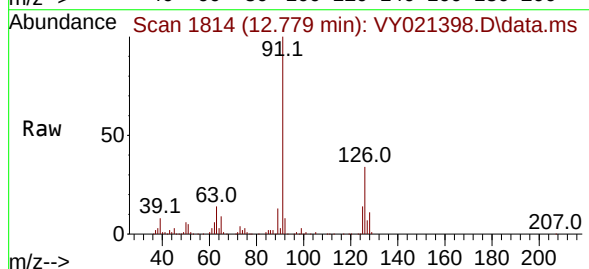
Manual Integrations
APPROVED

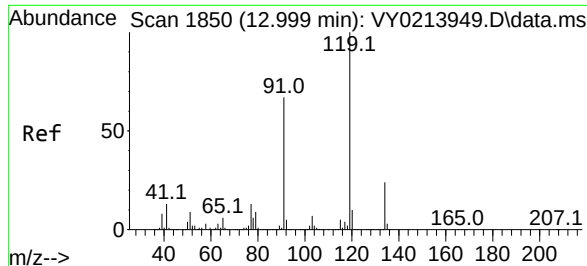
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#82
4-Chlorotoluene
Concen: 17.893 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 91 Resp: 160509
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0





#83

tert-Butylbenzene

Concen: 17.461 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

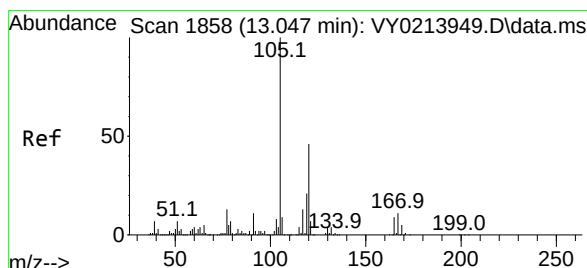
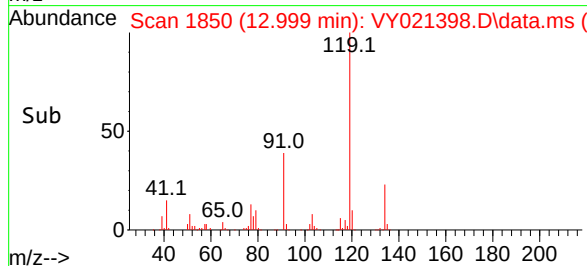
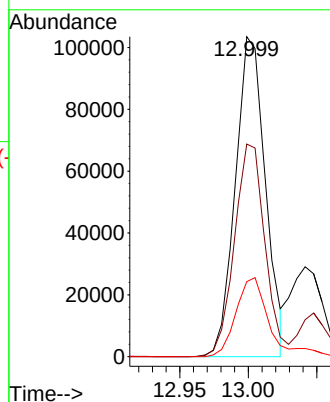
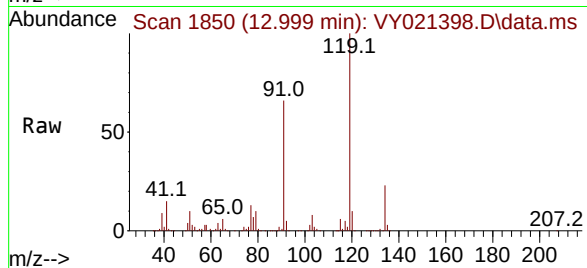
VSTDIC020

Tgt Ion:	119	Resp:	15791
Ion	Ratio	Lower	Upper
119	100		
91	67.7	33.2	99.6
134	27.3	13.5	40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 18.254 ug/l

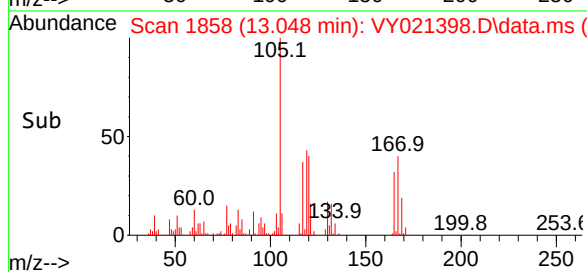
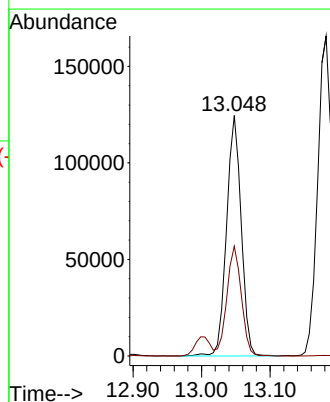
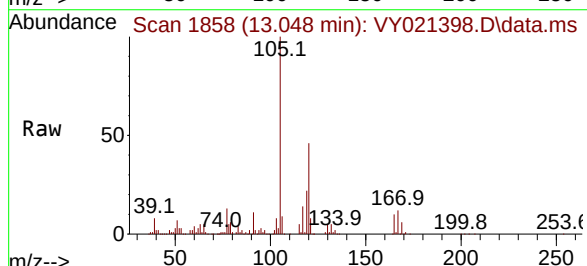
RT: 13.048 min Scan# 1858

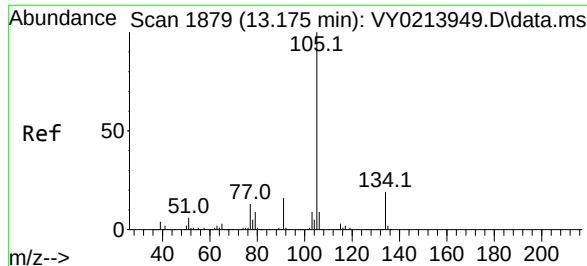
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	105	Resp:	183733
Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.1





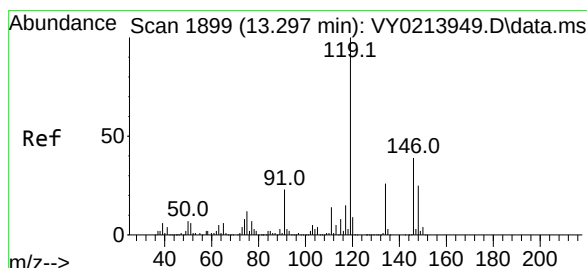
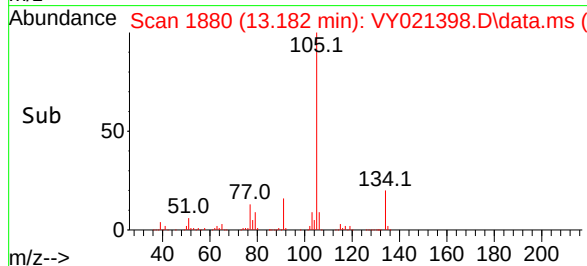
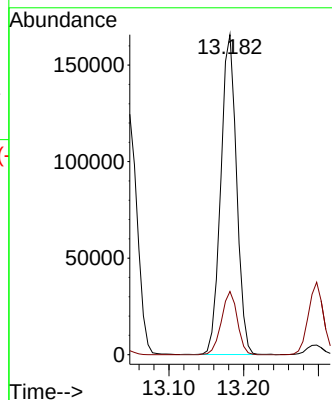
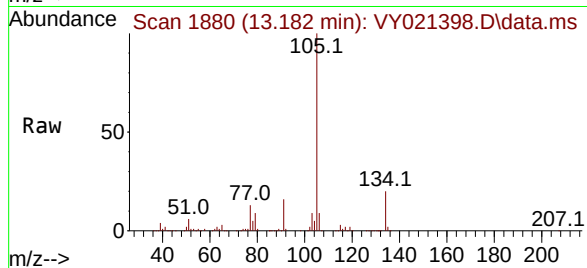
#85
sec-Butylbenzene
Concen: 18.113 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 243719
Ion Ratio Lower Upper
105 100
134 19.9 9.9 29.7

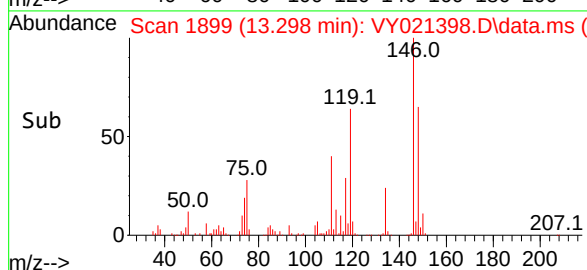
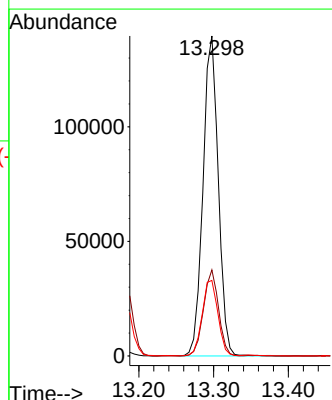
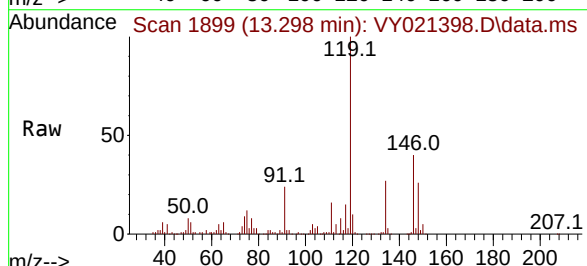
Manual Integrations
APPROVED

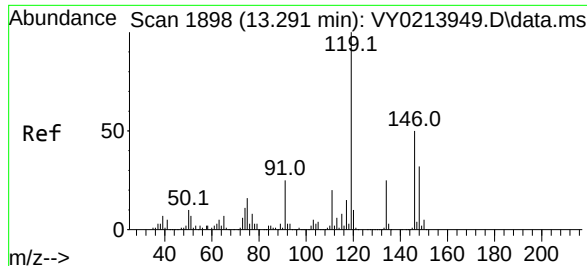
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#86
p-Isopropyltoluene
Concen: 17.900 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion:119 Resp: 198423
Ion Ratio Lower Upper
119 100
134 26.5 13.1 39.1
91 24.2 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 17.882 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 103878

Ion Ratio Lower Upper

146 100

111 41.2 20.0 60.0

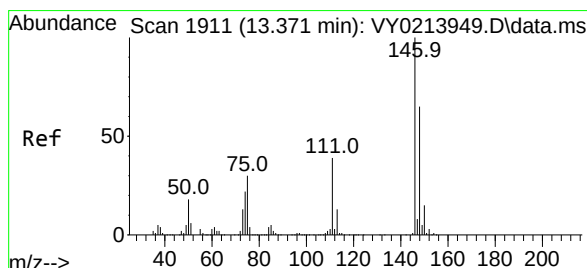
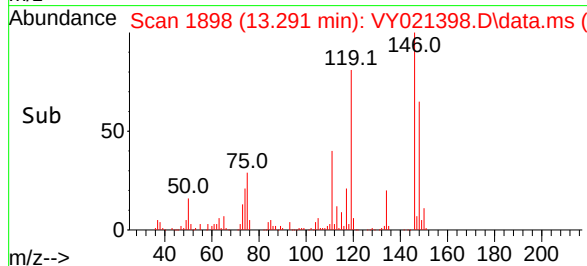
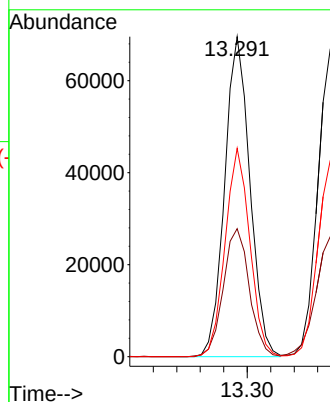
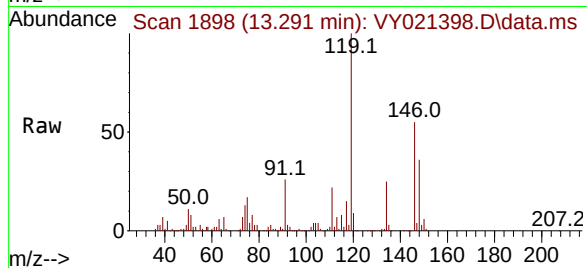
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#88

1,4-Dichlorobenzene

Concen: 18.106 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

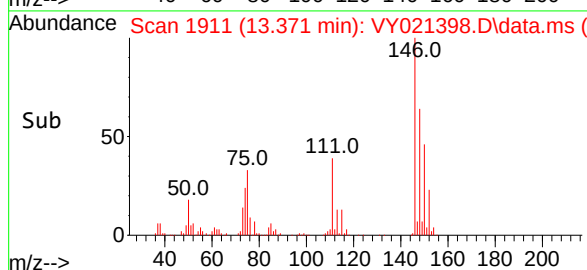
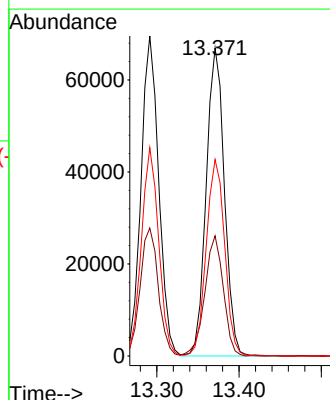
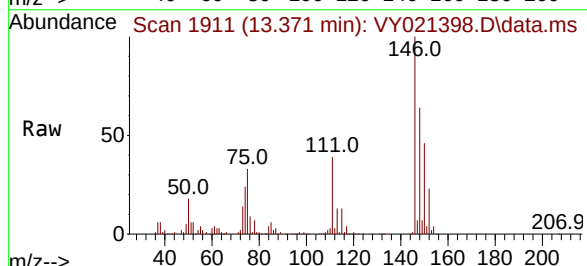
Tgt Ion:146 Resp: 102862

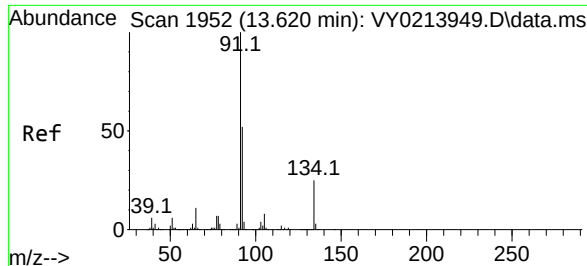
Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.8

148 64.7 32.3 96.8





#89

n-Butylbenzene

Concen: 17.741 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

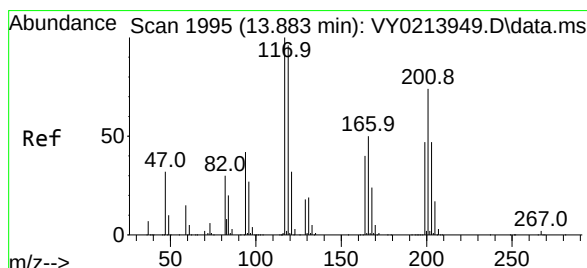
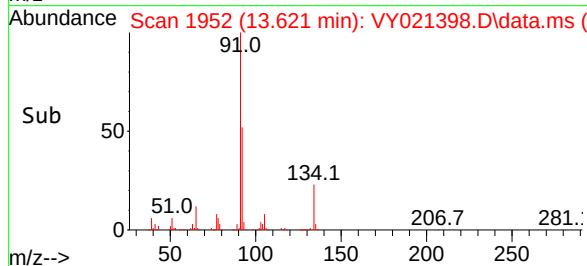
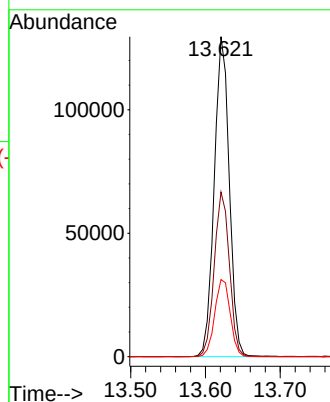
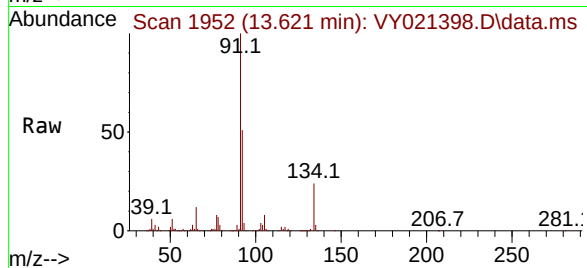
VSTDIC020

Tgt Ion:	91	Resp:	18160
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.1	78.3
134	24.8	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#90

Hexachloroethane

Concen: 17.379 ug/l

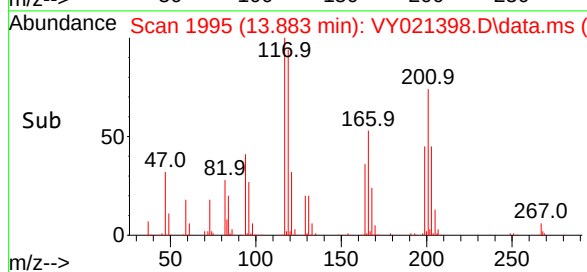
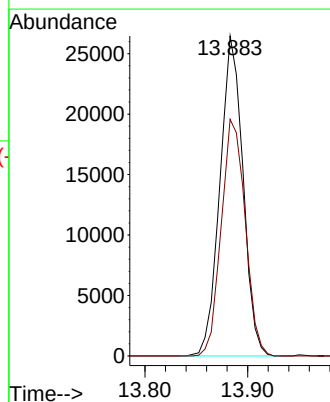
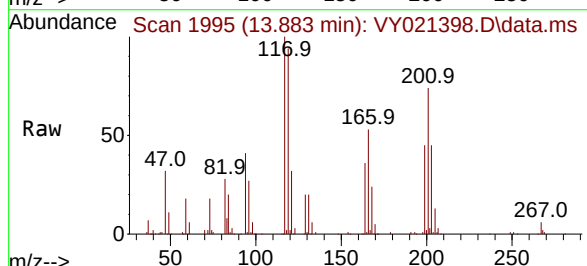
RT: 13.883 min Scan# 1995

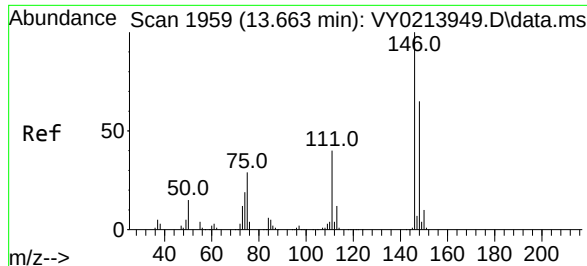
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Tgt Ion:	117	Resp:	41098
Ion	Ratio	Lower	Upper
117	100		
201	76.9	37.4	112.2





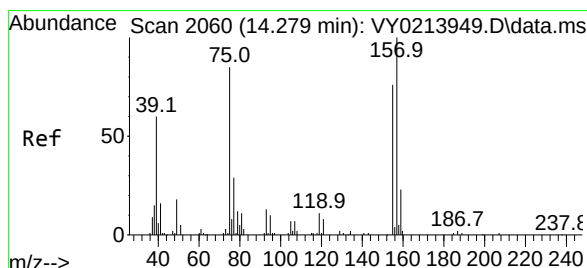
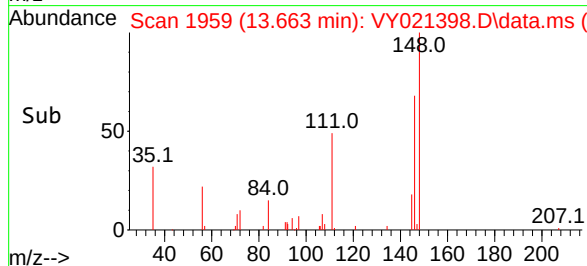
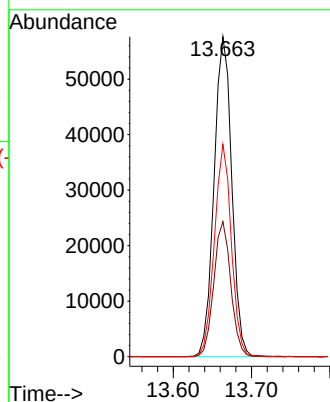
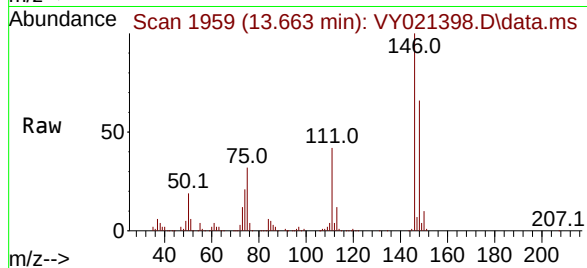
#91
1,2-Dichlorobenzene
Concen: 18.208 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 90658
Ion Ratio Lower Upper
146 100
111 40.5 20.7 62.1
148 63.5 32.1 96.5

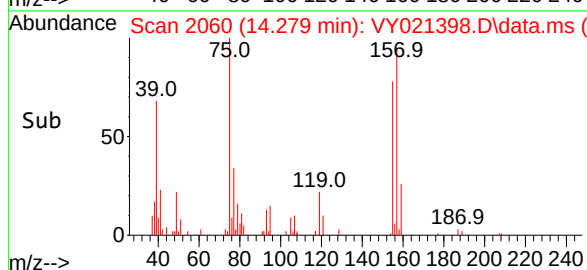
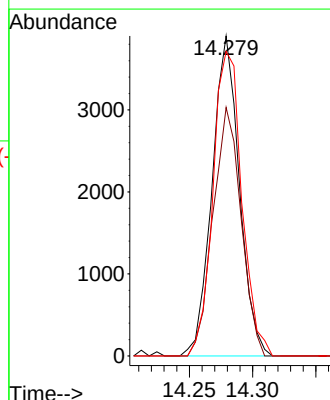
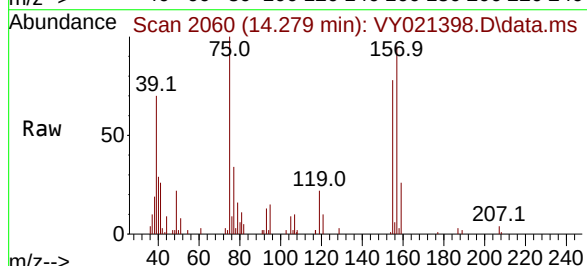
Manual Integrations
APPROVED

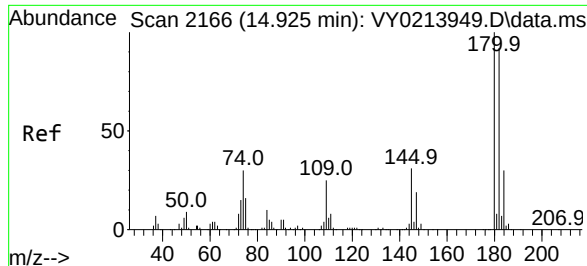
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.741 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 75 Resp: 5850
Ion Ratio Lower Upper
75 100
155 79.9 43.5 130.5
157 100.7 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 17.127 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

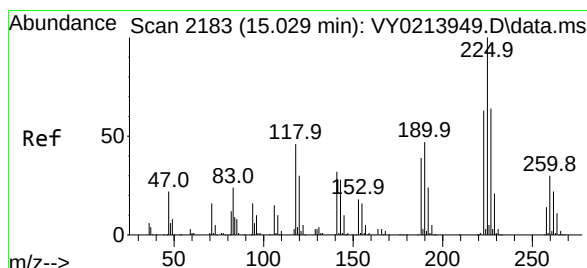
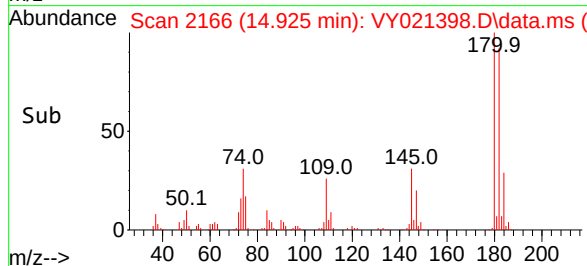
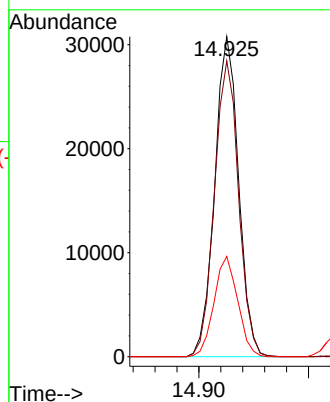
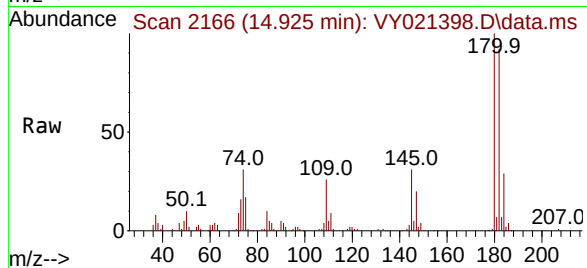
VSTDIC020

Tgt Ion:180	Resp:	46578
Ion Ratio	Lower	Upper
180	100	
182	93.5	46.7 140.0
145	31.0	15.6 46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#94

Hexachlorobutadiene

Concen: 17.851 ug/l

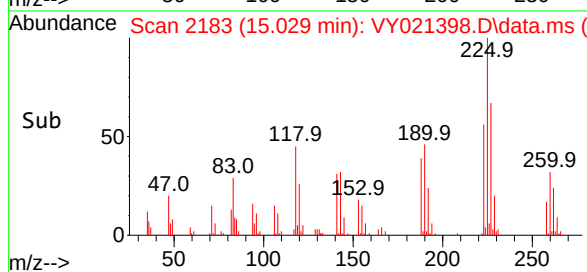
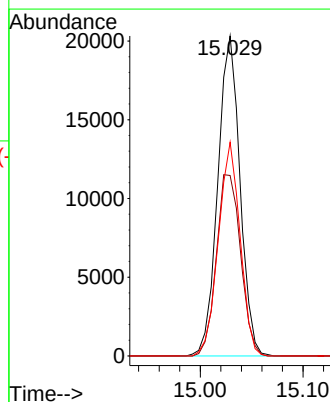
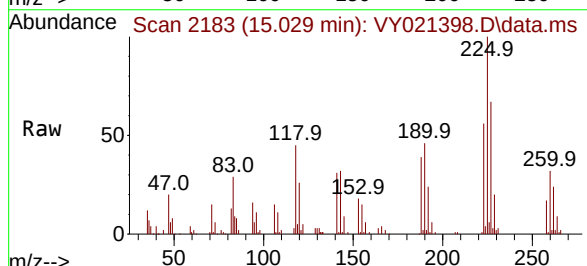
RT: 15.029 min Scan# 2183

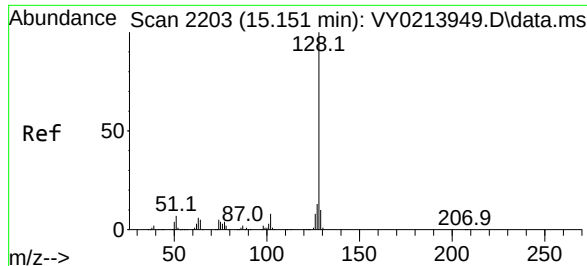
Delta R.T. 0.000 min

Lab File: VY021398.D

Acq: 04 Mar 2025 10:09

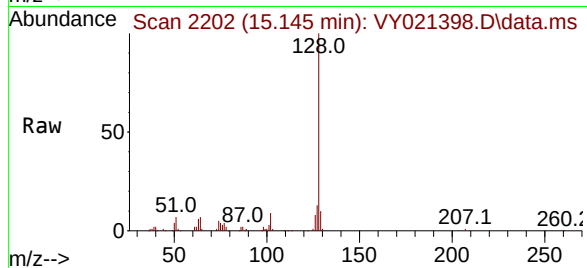
Tgt Ion:225	Resp:	30431
Ion Ratio	Lower	Upper
225	100	
223	61.9	31.4 94.2
227	65.4	31.8 95.4





#95
Naphthalene
Concen: 17.845 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

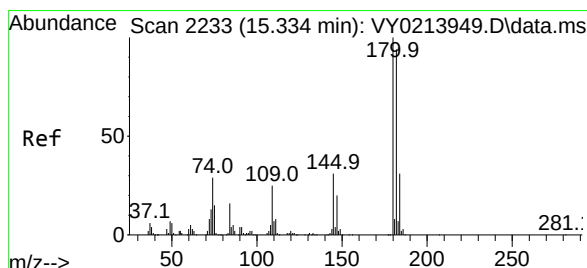
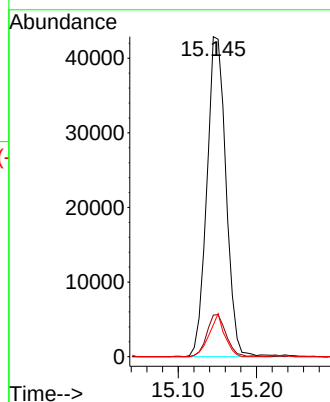
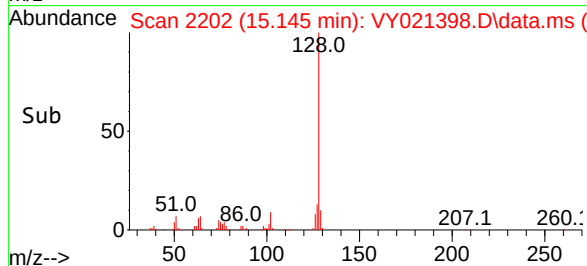
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 72734
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.6 13.0

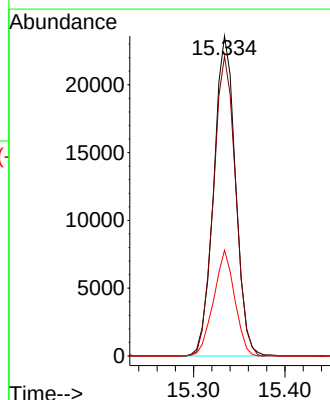
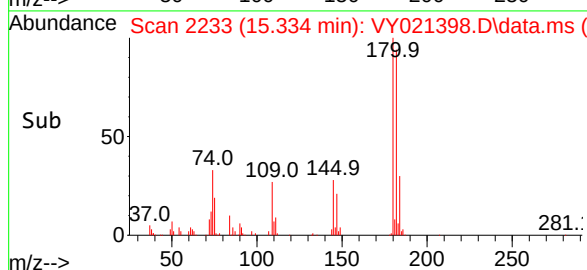
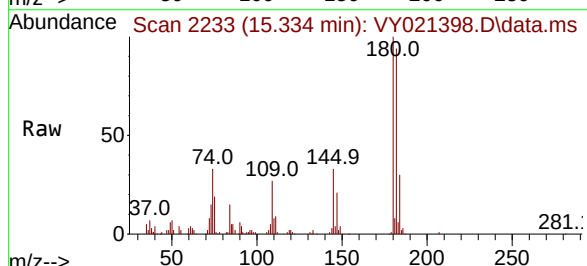
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.996 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021398.D
Acq: 04 Mar 2025 10:09

Tgt Ion:180 Resp: 38873
Ion Ratio Lower Upper
180 100
182 95.5 47.2 141.6
145 32.1 16.4 49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021399.D
 Acq On : 04 Mar 2025 10:30
 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 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:59:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	235140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	360221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	321260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	162486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	113391	45.625	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.240%		
35) Dibromofluoromethane	7.640	113	106487	44.973	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.940%		
50) Toluene-d8	10.109	98	408759	45.594	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.180%		
62) 4-Bromofluorobenzene	12.407	95	139117	45.618	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	105206	48.756	ug/l	100
3) Chloromethane	2.074	50	145113	47.700	ug/l	100
4) Vinyl Chloride	2.208	62	162385	48.845	ug/l	100
5) Bromomethane	2.604	94	110008	45.784	ug/l	100
6) Chloroethane	2.738	64	108266	49.279	ug/l	100
7) Trichlorofluoromethane	3.067	101	227308	48.986	ug/l	100
8) Diethyl Ether	3.458	74	66509	51.720	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	126512	47.753	ug/l	100
10) Methyl Iodide	4.012	142	148683	55.210	ug/l	100
11) Tert butyl alcohol	4.872	59	44476	277.793	ug/l	100
12) 1,1-Dichloroethene	3.799	96	118986	49.262	ug/l	100
13) Acrolein	3.665	56	5354	42.354	ug/l	100
14) Allyl chloride	4.397	41	197932	50.708	ug/l	100
15) Acrylonitrile	5.067	53	146888	268.329	ug/l	100
16) Acetone	3.872	43	157979	291.440	ug/l	100
17) Carbon Disulfide	4.116	76	383514	50.664	ug/l	100
18) Methyl Acetate	4.390	43	66880	55.606	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	321178	52.463	ug/l	100
20) Methylene Chloride	4.622	84	129715	45.588	ug/l	100
21) trans-1,2-Dichloroethene	5.128	96	132731	49.068	ug/l	100
22) Diisopropyl ether	6.024	45	435305	51.747	ug/l	100
23) Vinyl Acetate	5.969	43	1305446	271.918	ug/l	100
24) 1,1-Dichloroethane	5.927	63	247003	49.750	ug/l	100
25) 2-Butanone	6.896	43	212274	283.093	ug/l	100
26) 2,2-Dichloropropane	6.890	77	220625	48.295	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	153891	50.078	ug/l	100
28) Bromochloromethane	7.250	49	109912	52.805	ug/l	100
29) Tetrahydrofuran	7.268	42	129976	280.779	ug/l	100
30) Chloroform	7.426	83	255675	49.593	ug/l	100
31) Cyclohexane	7.707	56	221181	47.519	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	230018	48.727	ug/l	100
36) 1,1-Dichloropropene	7.841	75	186577	50.340	ug/l	100
37) Ethyl Acetate	6.988	43	89317	53.423	ug/l	100
38) Carbon Tetrachloride	7.823	117	211310	49.573	ug/l	100
39) Methylcyclohexane	9.115	83	234520	51.585	ug/l	100
40) Benzene	8.085	78	555364	50.867	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021399.D
 Acq On : 04 Mar 2025 10:30
 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 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:59:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	47147	51.774	ug/l	100
42) 1,2-Dichloroethane	8.164	62	157205	51.469	ug/l	100
43) Isopropyl Acetate	8.201	43	173913	54.689	ug/l	100
44) Trichloroethene	8.871	130	137378	49.793	ug/l	100
45) 1,2-Dichloropropane	9.146	63	132392	50.949	ug/l	100
46) Dibromomethane	9.237	93	76517	52.923	ug/l	100
47) Bromodichloromethane	9.426	83	197243	51.370	ug/l	100
48) Methyl methacrylate	9.225	41	82355	55.853	ug/l	100
49) 1,4-Dioxane	9.231	88	16238	1144.224	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	472885	288.203	ug/l	100
52) Toluene	10.176	92	356029	51.723	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	179810	53.154	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	211622	52.691	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	101913	53.886	ug/l	100
56) Ethyl methacrylate	10.444	69	137939	57.187	ug/l	100
57) 1,3-Dichloropropane	10.719	76	172259	52.551	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	313349	281.418	ug/l	100
59) 2-Hexanone	10.761	43	327200	301.583	ug/l	100
60) Dibromochloromethane	10.914	129	135595	52.296	ug/l	100
61) 1,2-Dibromoethane	11.017	107	94280	52.819	ug/l	100
64) Tetrachloroethene	10.652	164	129562	49.596	ug/l	100
65) Chlorobenzene	11.444	112	381086	50.233	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	135273	50.434	ug/l	100
67) Ethyl Benzene	11.523	91	685789	51.502	ug/l	100
68) m/p-Xylenes	11.633	106	528037	104.452	ug/l	100
69) o-Xylene	11.956	106	243863	52.341	ug/l	100
70) Styrene	11.974	104	410178	53.068	ug/l	100
71) Bromoform	12.133	173	80342	53.584	ug/l	100
73) Isopropylbenzene	12.255	105	655492	51.212	ug/l	100
74) N-amyl acetate	12.072	43	154403	55.547	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	118077	52.277	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	79840m	48.762	ug/l	
77) Bromobenzene	12.535	156	150460	50.247	ug/l	100
78) n-propylbenzene	12.596	91	797005	51.272	ug/l	100
79) 2-Chlorotoluene	12.682	91	445409	50.112	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	528974	50.855	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	38697	53.727	ug/l	100
82) 4-Chlorotoluene	12.779	91	462879	50.291	ug/l	100
83) tert-Butylbenzene	12.999	119	475042	51.194	ug/l	100
84) 1,2,4-Trimethylbenzene	13.047	105	531919	51.505	ug/l	100
85) sec-Butylbenzene	13.175	105	708040	51.284	ug/l	100
86) p-Isopropyltoluene	13.297	119	583517	51.302	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	294406	49.392	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	289572	49.675	ug/l	100
89) n-Butylbenzene	13.620	91	550274	52.392	ug/l	100
90) Hexachloroethane	13.883	117	118465	48.822	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	258078	50.517	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	17568	51.924	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	147587	52.891	ug/l	100
94) Hexachlorobutadiene	15.029	225	89592	51.220	ug/l	100
95) Naphthalene	15.151	128	256660	53.894	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	125962	53.673	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021399.D
Acq On : 04 Mar 2025 10:30
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 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 02:59:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

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

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

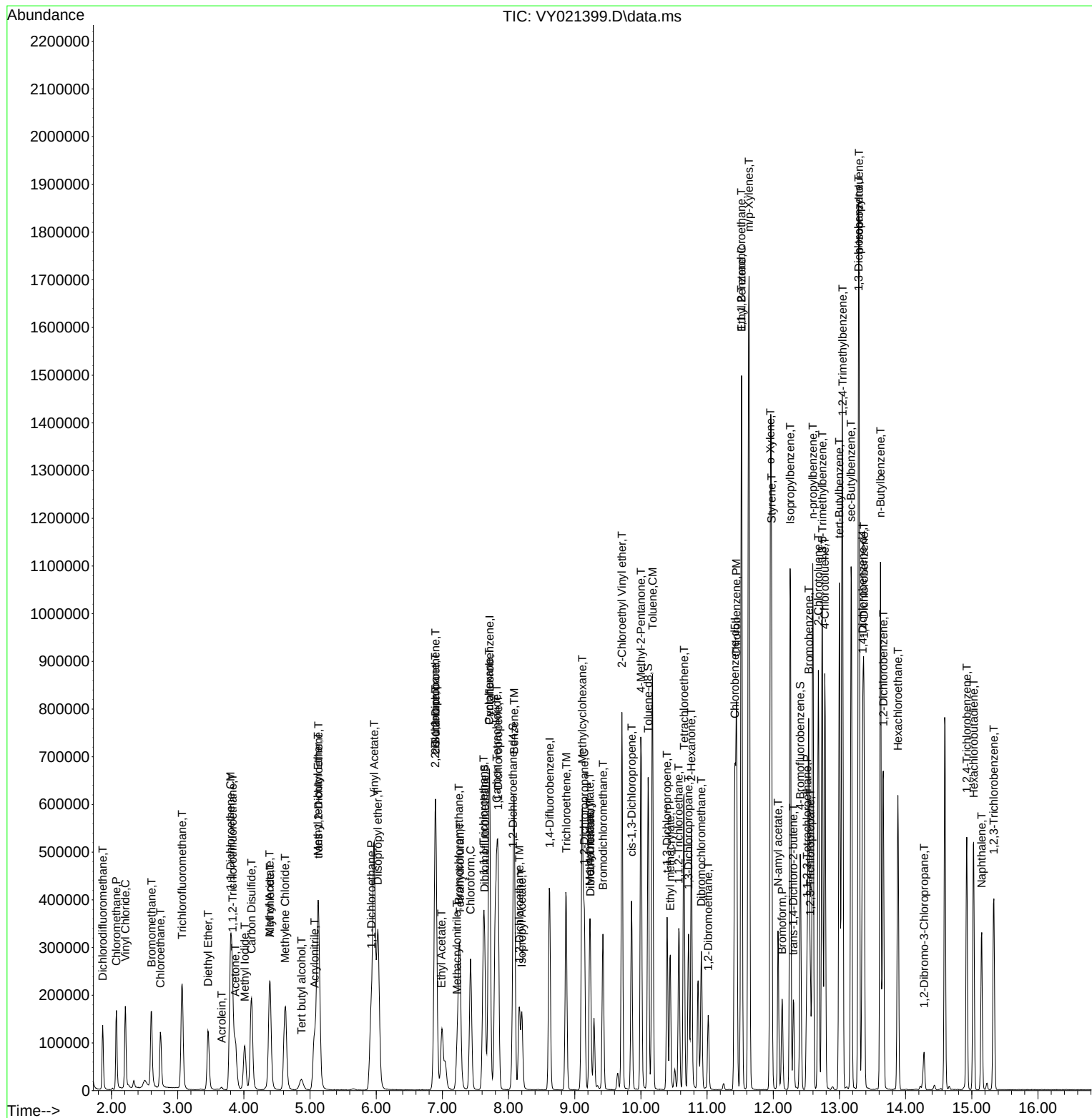
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021399.D
Acq On : 04 Mar 2025 10:30
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

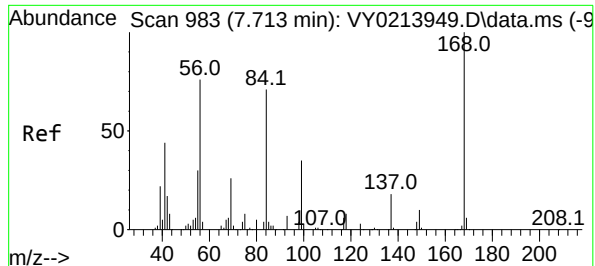
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

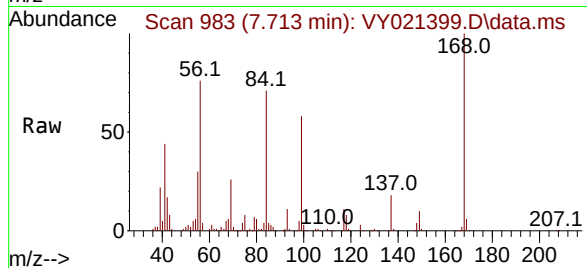
Quant Time: Mar 05 02:59:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

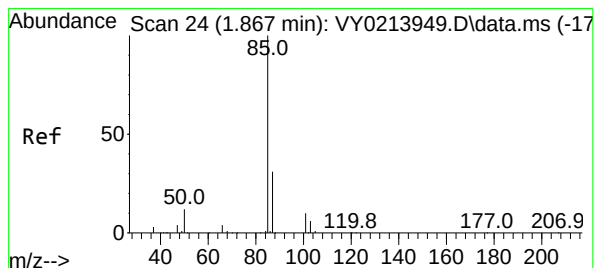
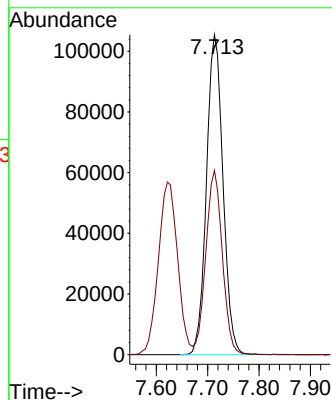
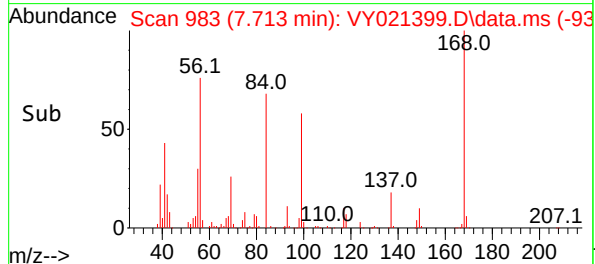
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 235140
Ion Ratio Lower Upper
168 100
99 57.5 46.0 69.0

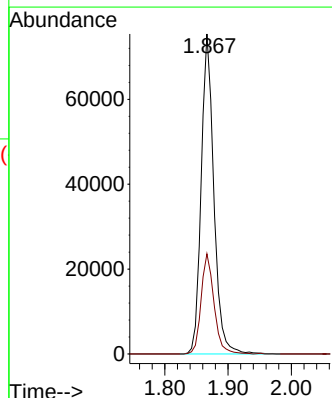
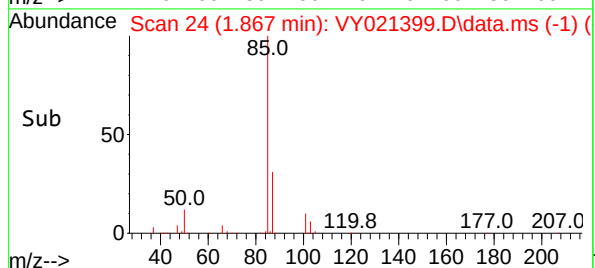
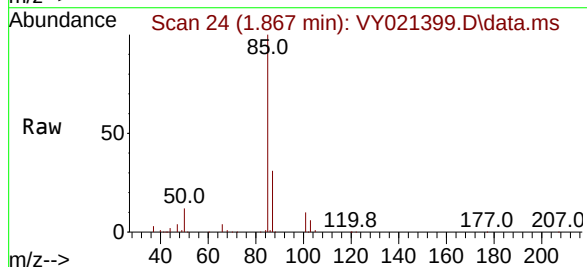
Manual Integrations
APPROVED

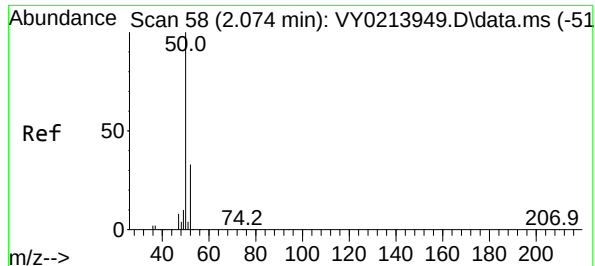
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 48.756 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 85 Resp: 105206
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0





#3

Chloromethane

Concen: 47.700 ug/l

RT: 2.074 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 14511

Ion Ratio Lower Upper

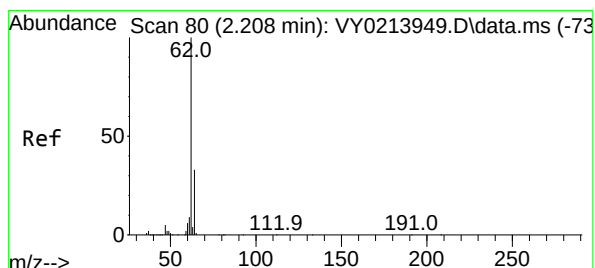
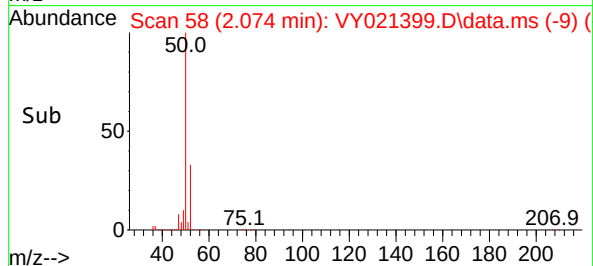
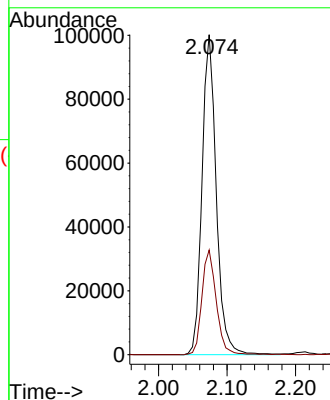
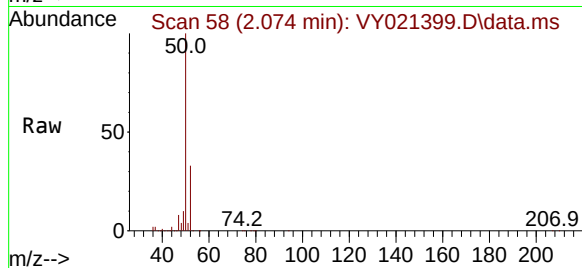
50 100

52 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#4

Vinyl Chloride

Concen: 48.845 ug/l

RT: 2.208 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021399.D

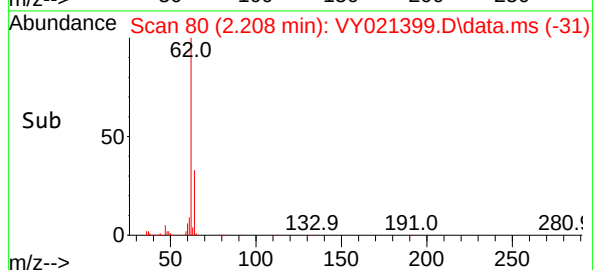
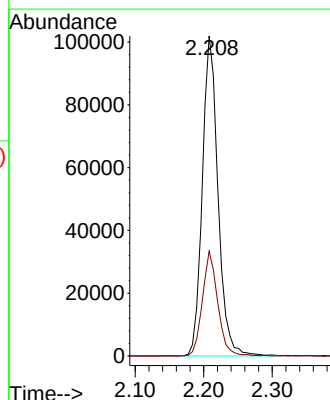
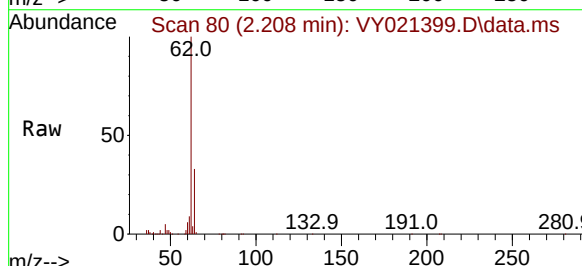
Acq: 04 Mar 2025 10:30

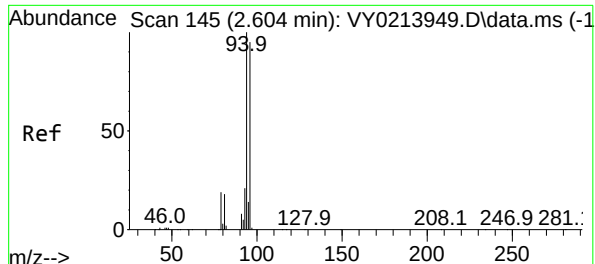
Tgt Ion: 62 Resp: 162385

Ion Ratio Lower Upper

62 100

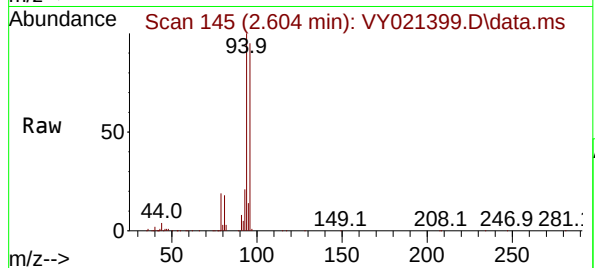
64 32.7 26.2 39.2





#5
Bromomethane
Concen: 45.784 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

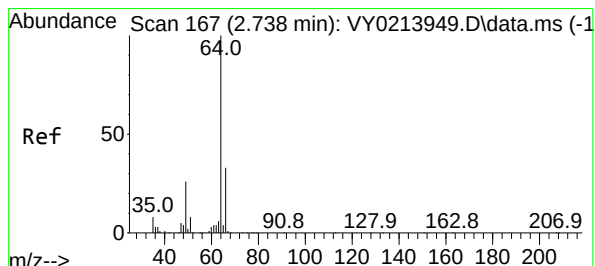
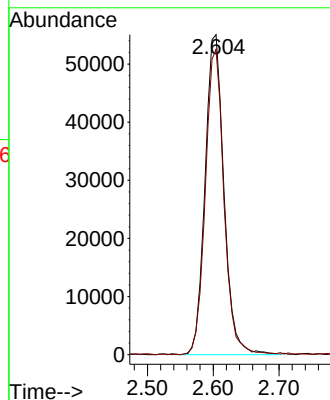
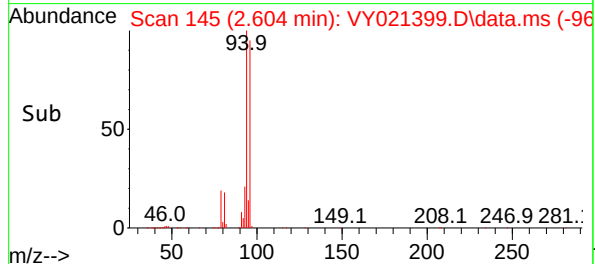
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 94 Resp: 110000
Ion Ratio Lower Upper
94 100
96 95.4 76.3 114.5

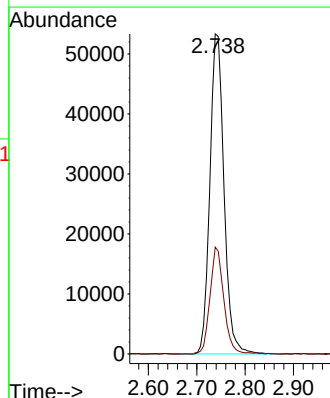
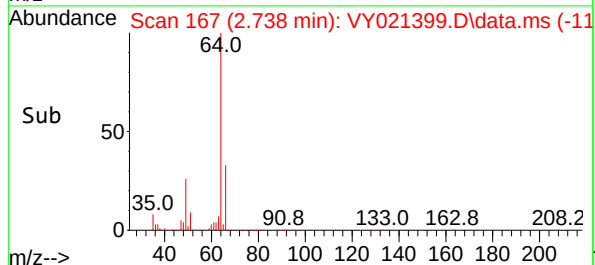
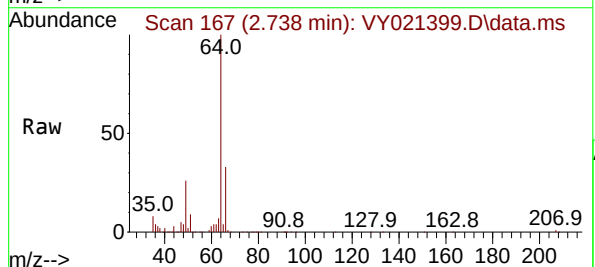
Manual Integrations
APPROVED

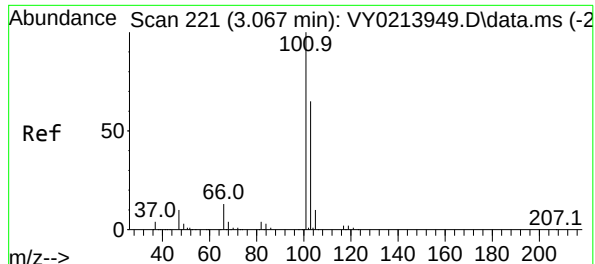
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#6
Chloroethane
Concen: 49.279 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 64 Resp: 108266
Ion Ratio Lower Upper
64 100
66 33.4 26.7 40.1





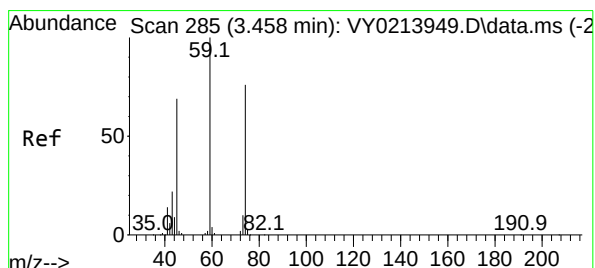
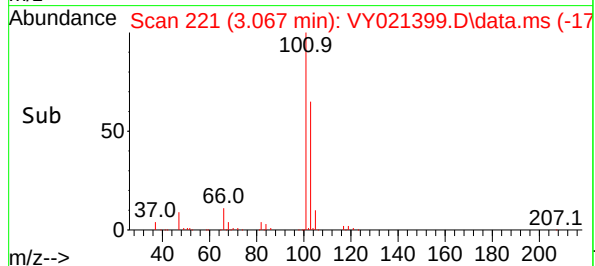
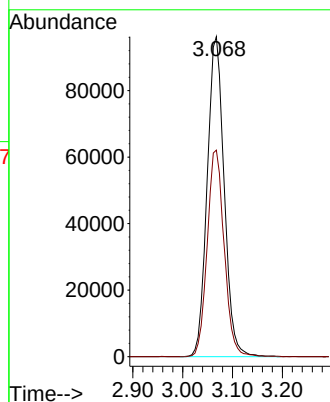
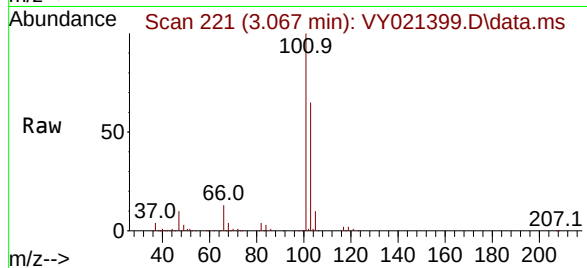
#7
Trichlorofluoromethane
Concen: 48.986 ug/l
RT: 3.067 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 227308
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

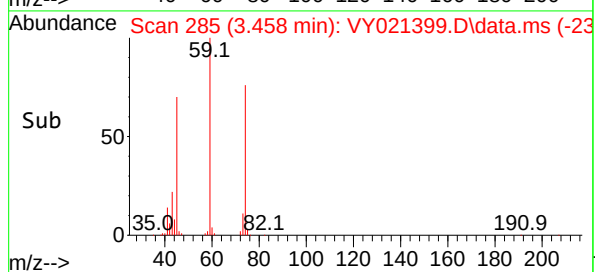
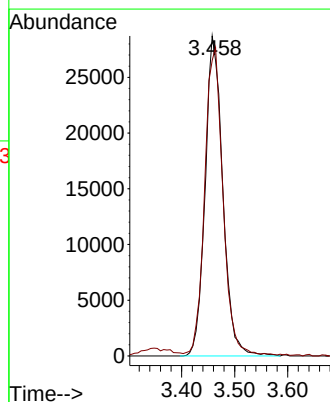
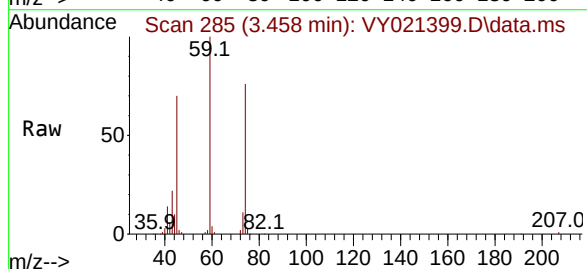
Manual Integrations
APPROVED

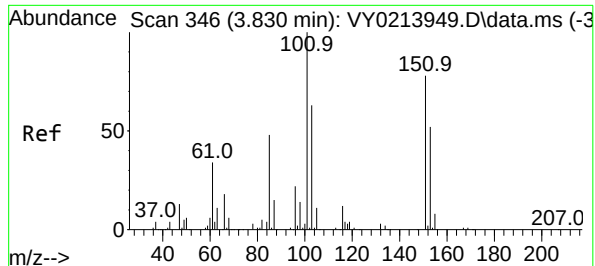
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#8
Diethyl Ether
Concen: 51.720 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 74 Resp: 66509
Ion Ratio Lower Upper
74 100
45 99.4 49.7 149.1





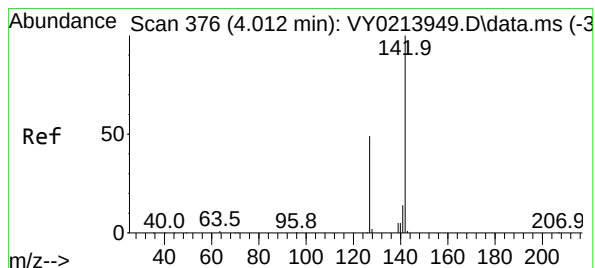
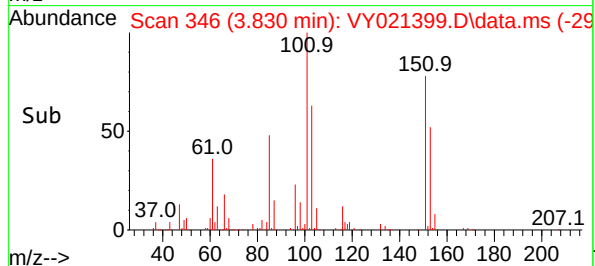
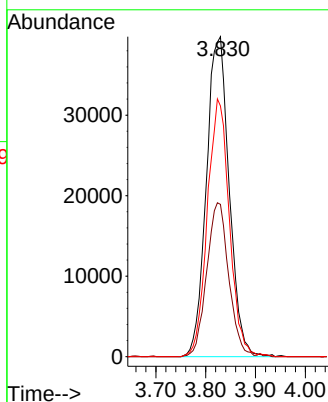
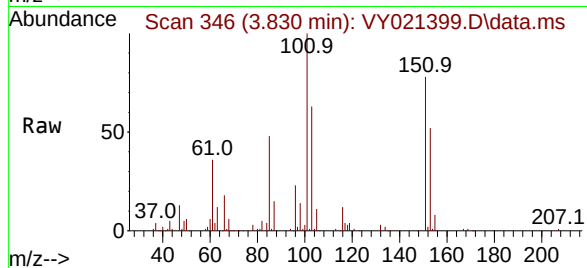
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.753 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 126512
Ion Ratio Lower Upper
101 100
85 46.4 37.1 55.7
151 77.6 62.1 93.1

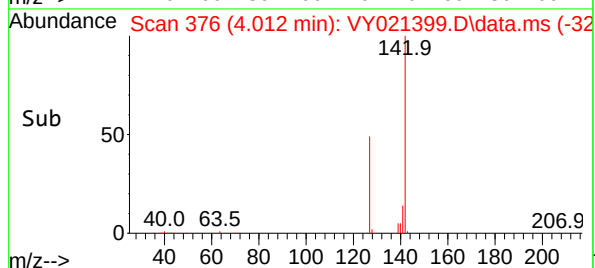
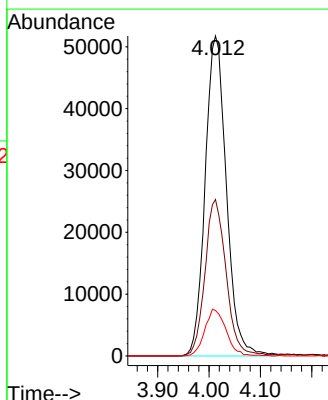
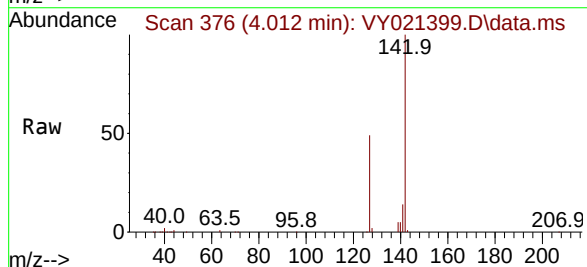
Manual Integrations
APPROVED

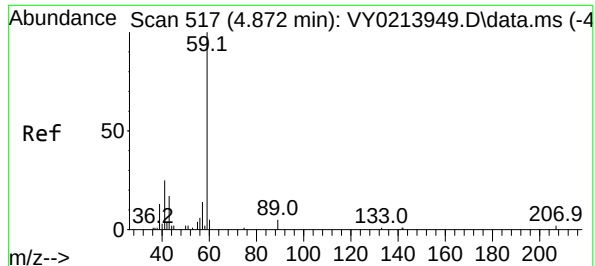
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 55.210 ug/l
RT: 4.012 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion:142 Resp: 148683
Ion Ratio Lower Upper
142 100
127 48.9 39.1 58.7
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 277.793 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 44470

Ion Ratio Lower Upper

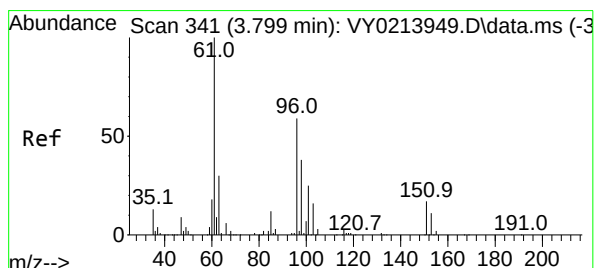
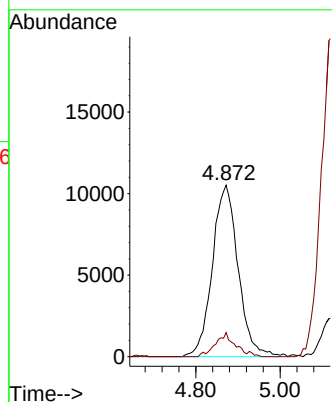
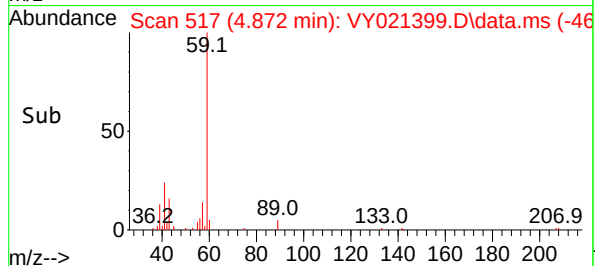
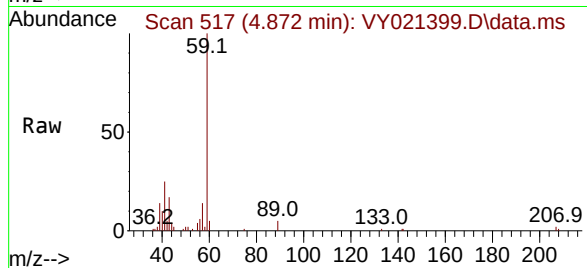
59 100

57 10.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#12

1,1-Dichloroethene

Concen: 49.262 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

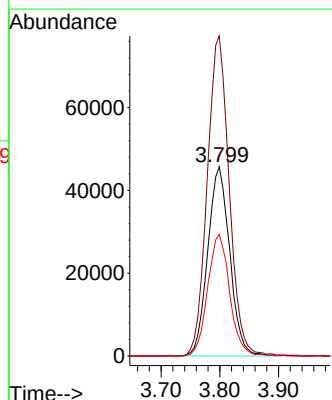
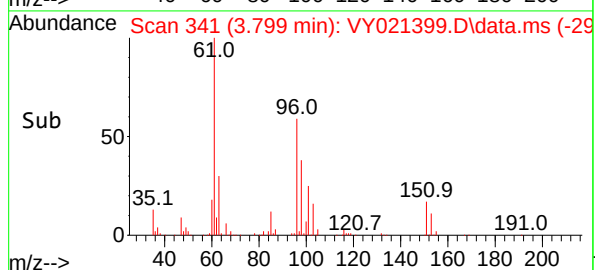
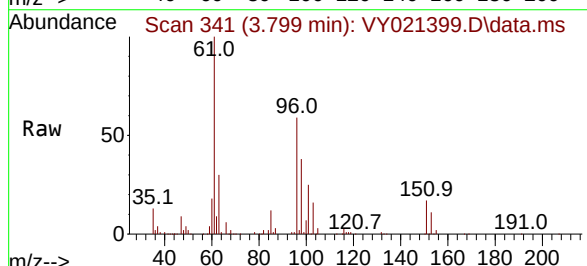
Tgt Ion: 96 Resp: 118986

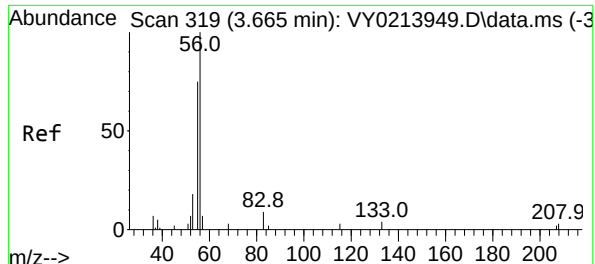
Ion Ratio Lower Upper

96 100

61 169.0 135.2 202.8

98 64.3 51.4 77.2





#13

Acrolein

Concen: 42.354 ug/l

RT: 3.665 min Scan# 319

Delta R.T. -0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 5354

Ion Ratio Lower Upper

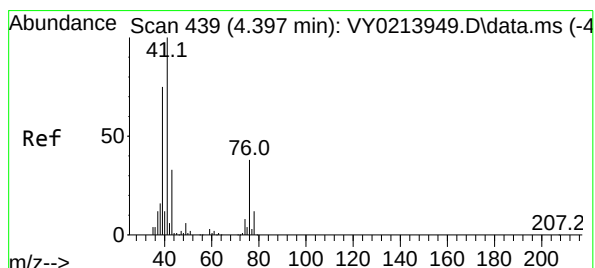
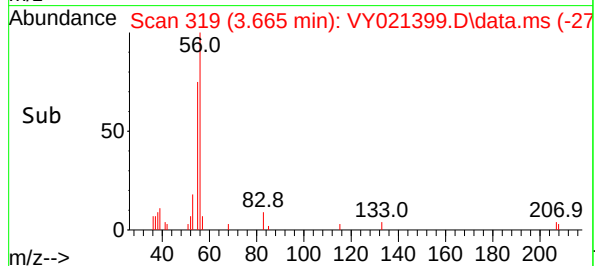
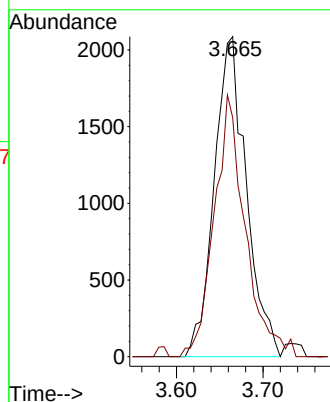
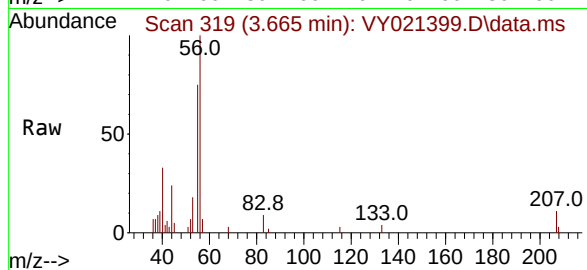
56 100

55 79.3 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#14

Allyl chloride

Concen: 50.708 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

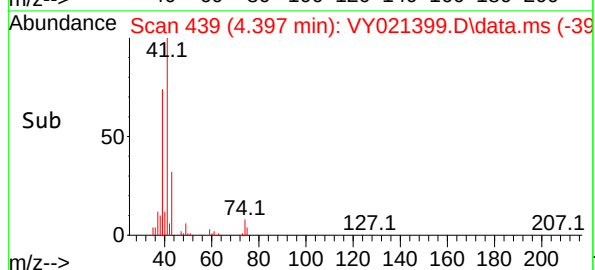
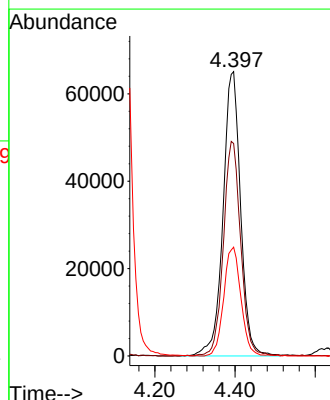
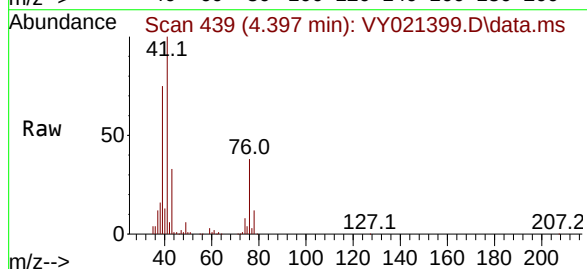
Tgt Ion: 41 Resp: 197932

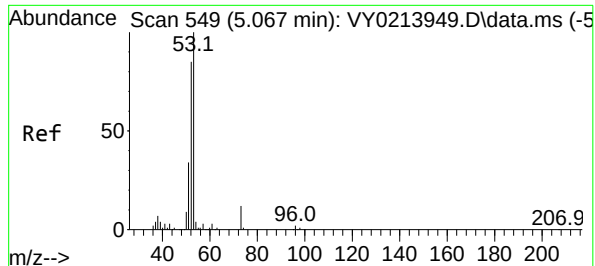
Ion Ratio Lower Upper

41 100

39 74.1 59.3 88.9

76 37.3 29.8 44.8





#15

Acrylonitrile

Concen: 268.329 ug/l

RT: 5.067 min Scan# 549

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 53 Resp: 14688

Ion Ratio Lower Upper

53 100

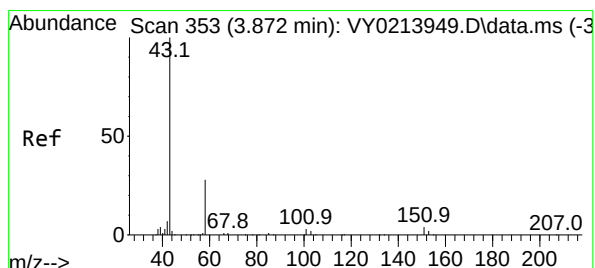
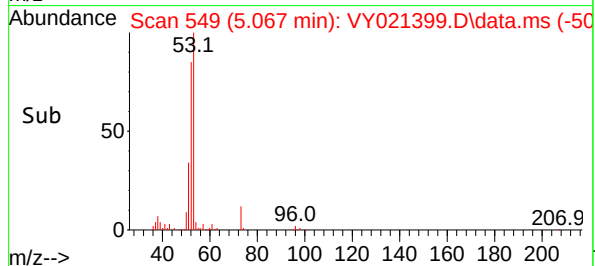
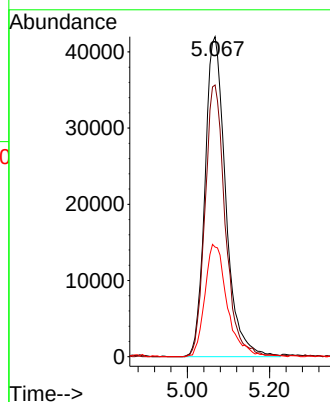
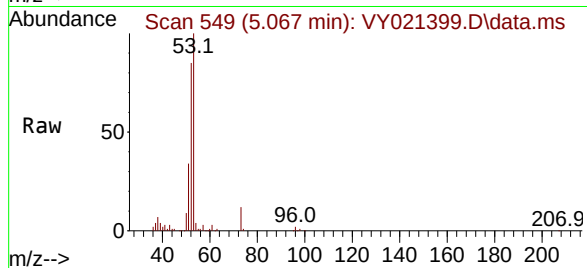
52 82.9 66.3 99.5

51 37.9 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#16

Acetone

Concen: 291.440 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY021399.D

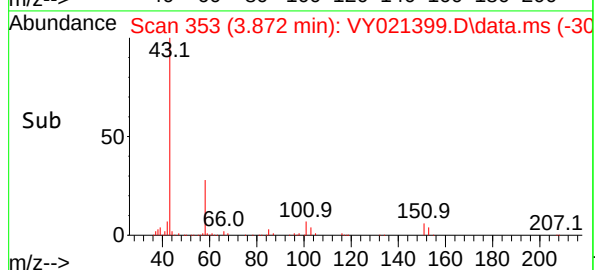
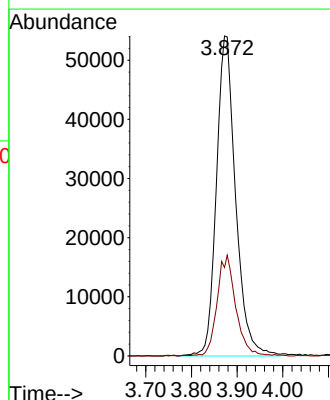
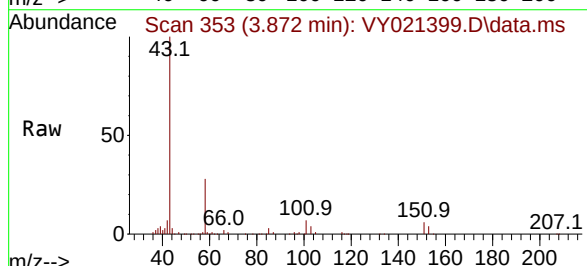
Acq: 04 Mar 2025 10:30

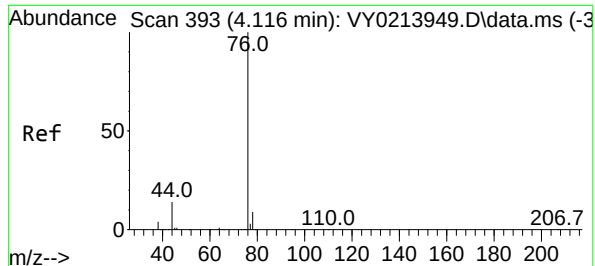
Tgt Ion: 43 Resp: 157979

Ion Ratio Lower Upper

43 100

58 27.6 22.1 33.1





#17

Carbon Disulfide

Concen: 50.664 ug/l

RT: 4.116 min Scan# 393

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 383514

Ion Ratio Lower Upper

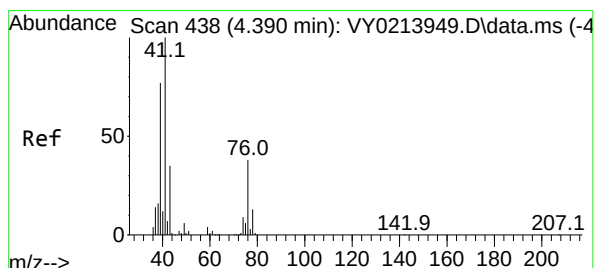
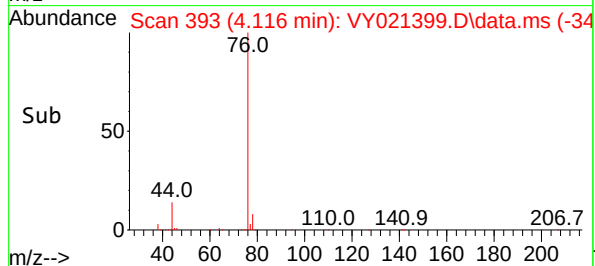
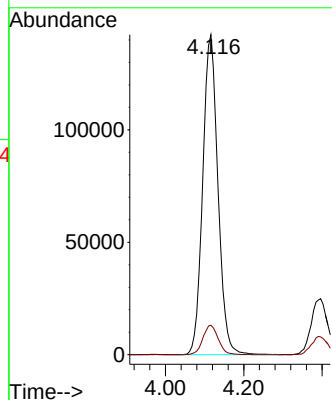
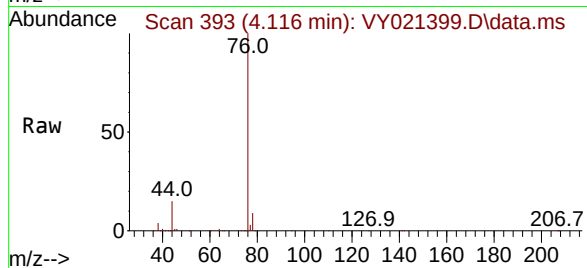
76 100

78 9.2 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#18

Methyl Acetate

Concen: 55.606 ug/l

RT: 4.390 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY021399.D

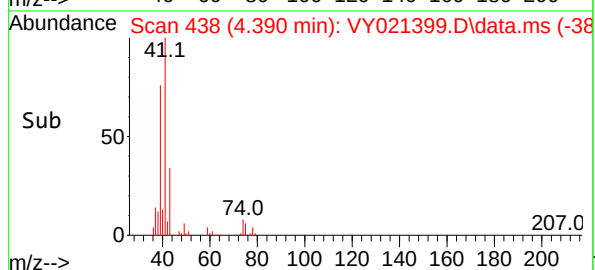
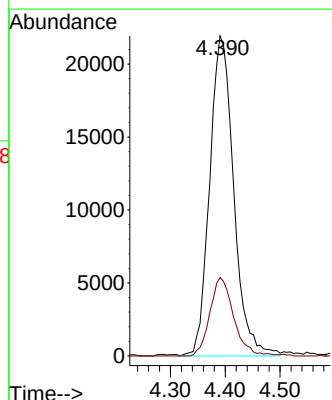
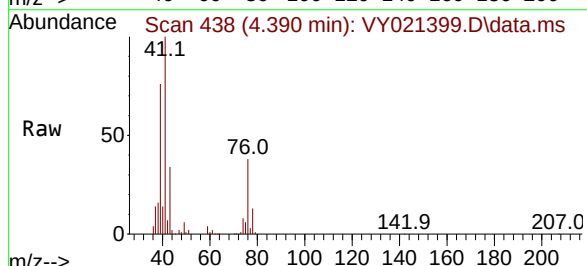
Acq: 04 Mar 2025 10:30

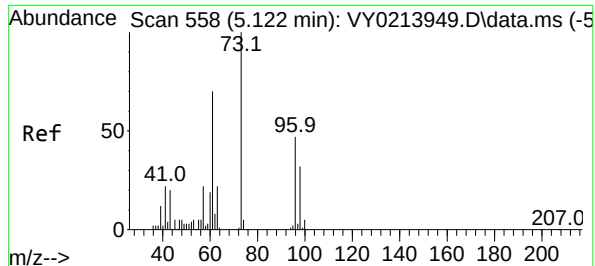
Tgt Ion: 43 Resp: 66880

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 52.463 ug/l

RT: 5.122 min Scan# 511

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 73 Resp: 321178

Ion Ratio Lower Upper

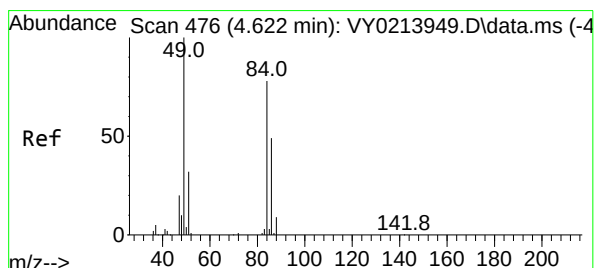
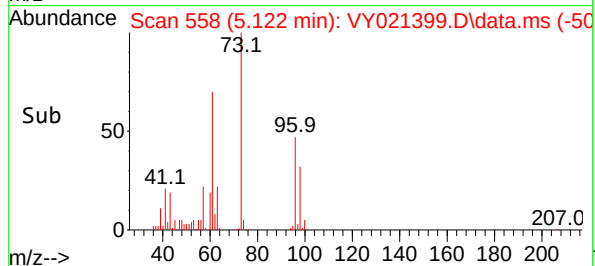
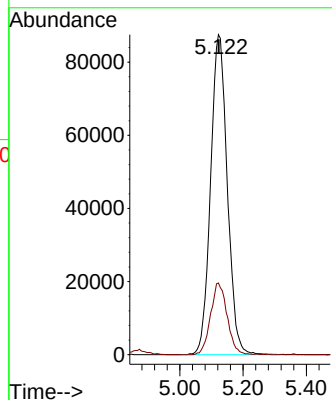
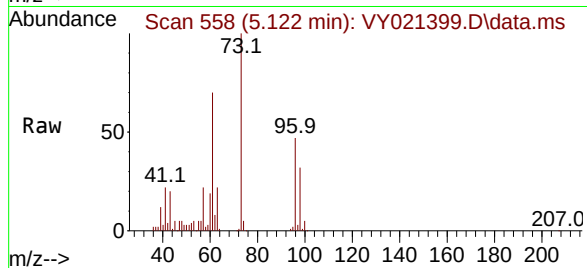
73 100

57 22.4 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#20

Methylene Chloride

Concen: 45.588 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Tgt Ion: 84 Resp: 129715

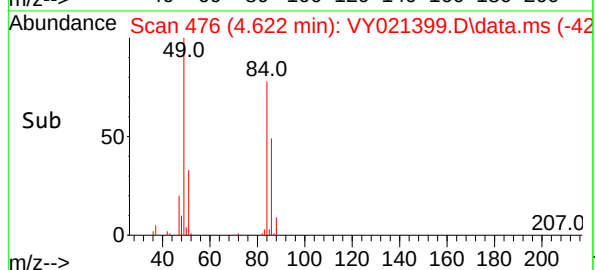
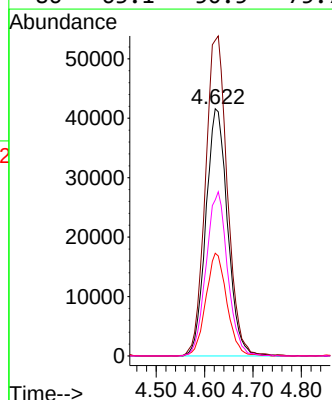
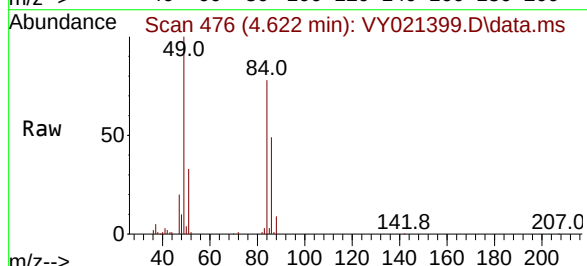
Ion Ratio Lower Upper

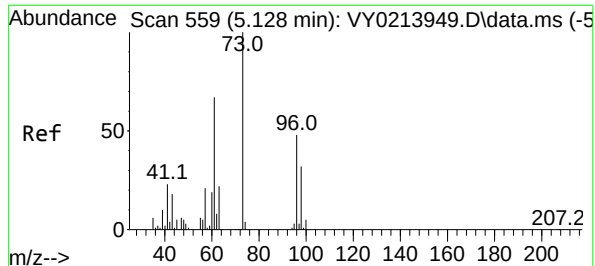
84 100

49 127.5 102.0 153.0

51 41.3 33.0 49.6

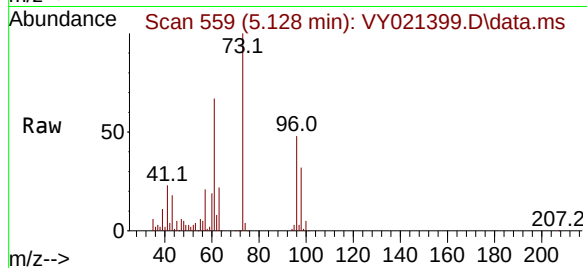
86 63.1 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 49.068 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

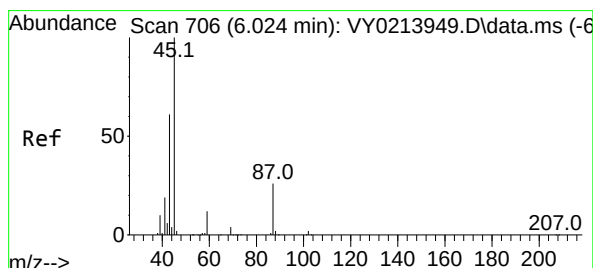
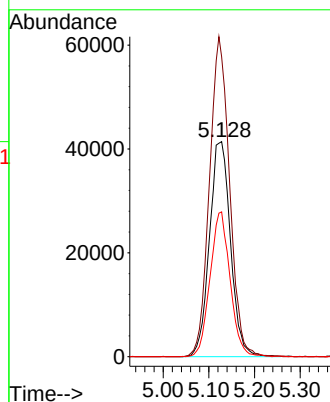
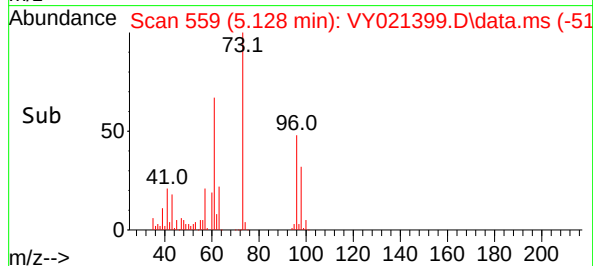
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 13273
Ion Ratio Lower Upper
96 100
61 139.4 111.5 167.3
98 67.3 53.8 80.8

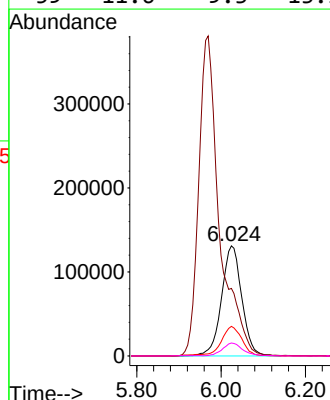
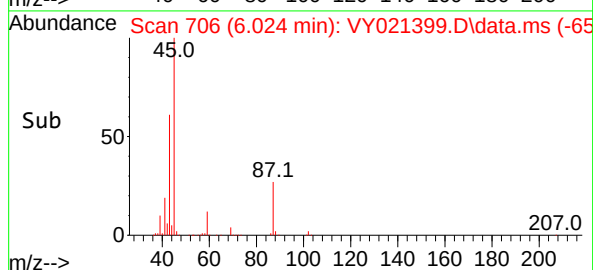
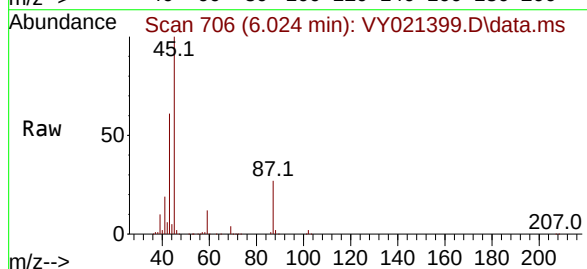
Manual Integrations
APPROVED

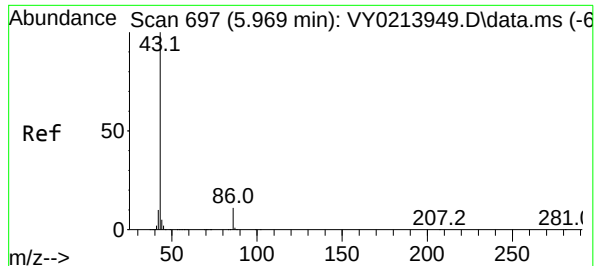
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 51.747 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 45 Resp: 435305
Ion Ratio Lower Upper
45 100
43 60.9 48.7 73.1
87 26.9 21.5 32.3
59 11.6 9.3 13.9





#23

Vinyl Acetate

Concen: 271.918 ug/l

RT: 5.969 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 130544

Ion Ratio Lower Upper

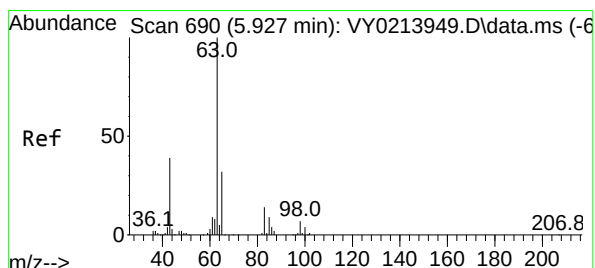
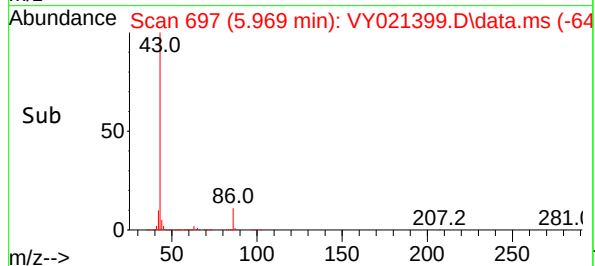
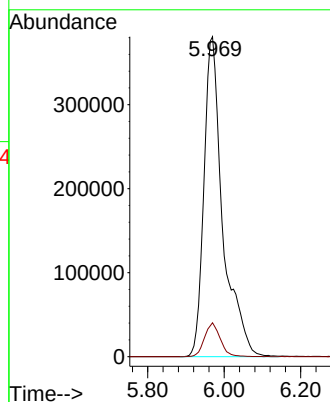
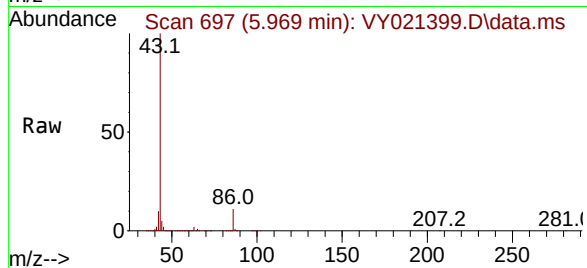
43 100

86 10.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#24

1,1-Dichloroethane

Concen: 49.750 ug/l

RT: 5.927 min Scan# 690

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

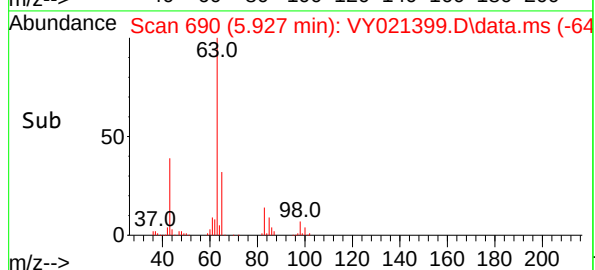
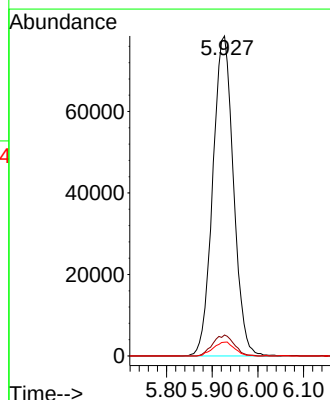
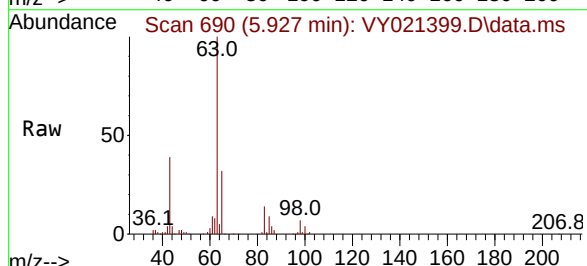
Tgt Ion: 63 Resp: 247003

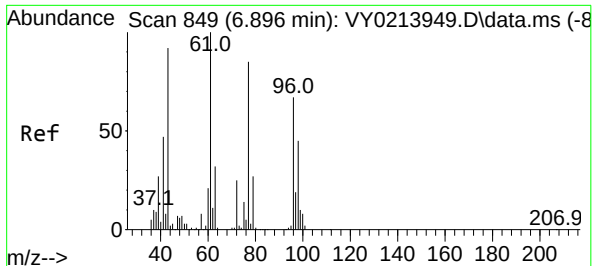
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 283.093 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 212274

Ion Ratio Lower Upper

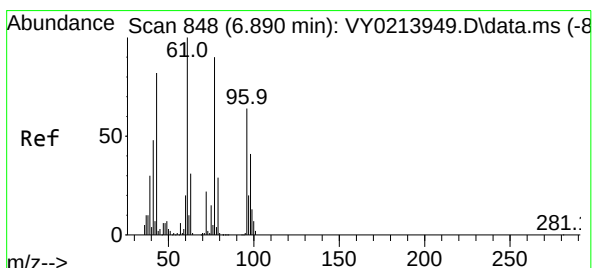
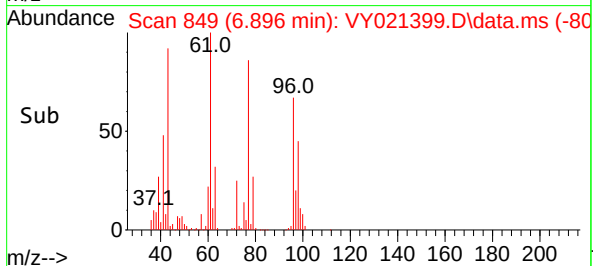
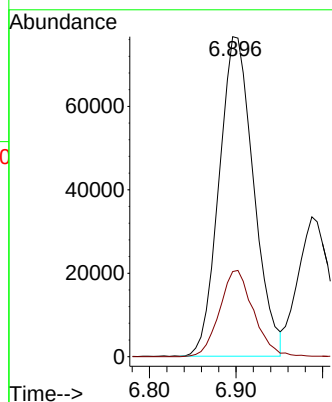
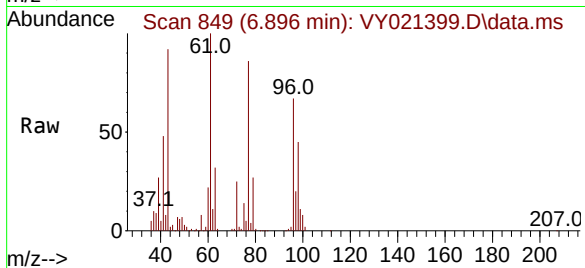
43 100

72 26.7 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#26

2,2-Dichloropropane

Concen: 48.295 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021399.D

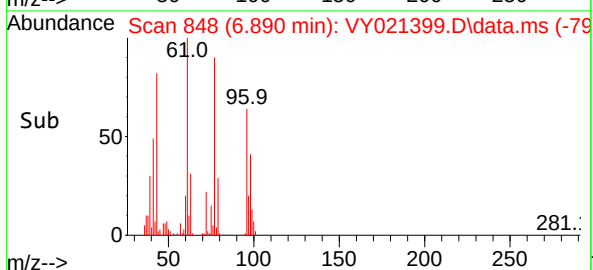
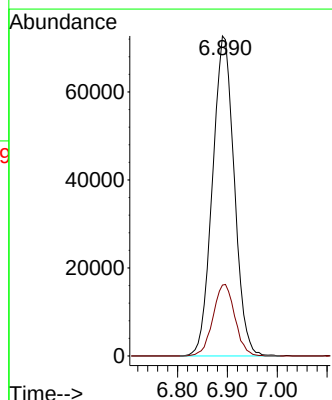
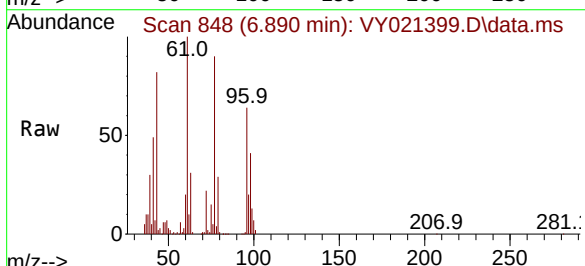
Acq: 04 Mar 2025 10:30

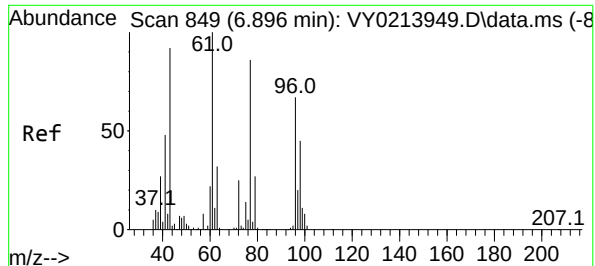
Tgt Ion: 77 Resp: 220625

Ion Ratio Lower Upper

77 100

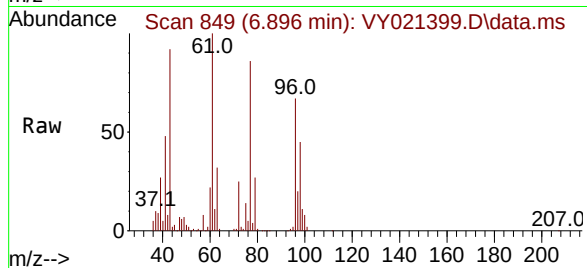
97 22.5 11.3 33.8





#27
cis-1,2-Dichloroethene
Concen: 50.078 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

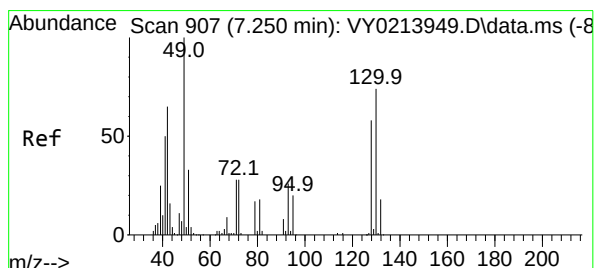
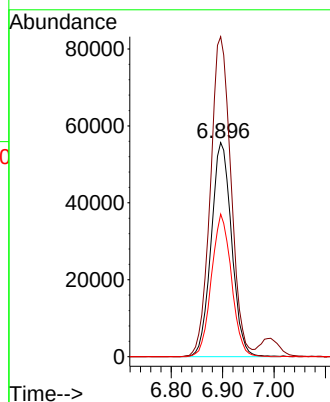
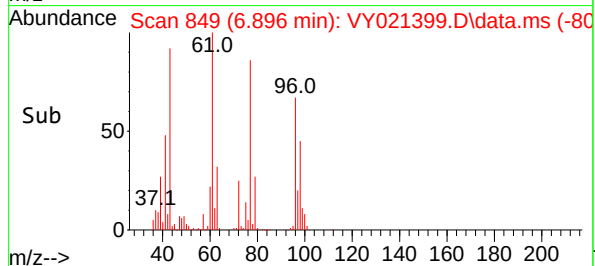
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 15389
Ion Ratio Lower Upper
96 100
61 150.4 0.0 300.8
98 65.0 0.0 130.0

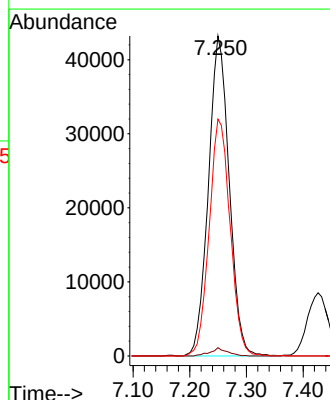
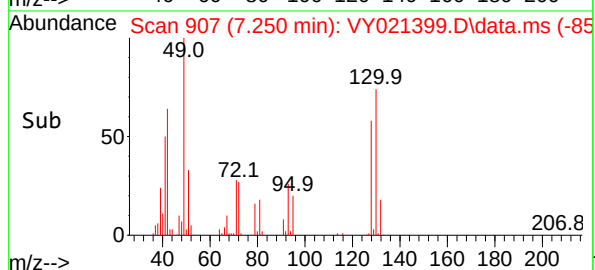
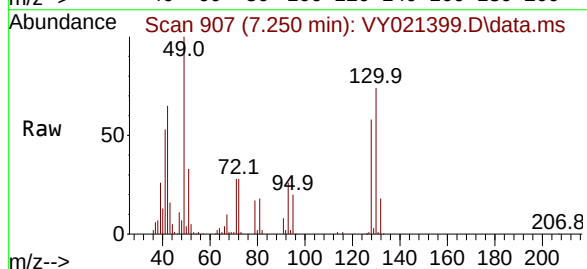
Manual Integrations
APPROVED

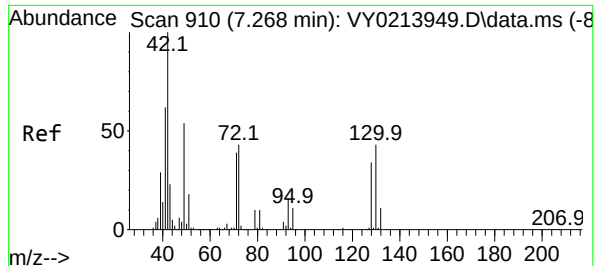
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#28
Bromochloromethane
Concen: 52.805 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 49 Resp: 109912
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 74.5 59.6 89.4





#29

Tetrahydrofuran

Concen: 280.779 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 129970

Ion Ratio Lower Upper

42 100

72 43.5 34.8 52.2

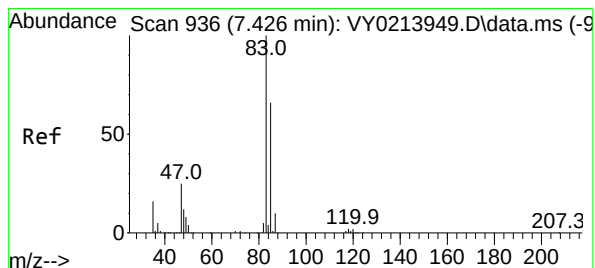
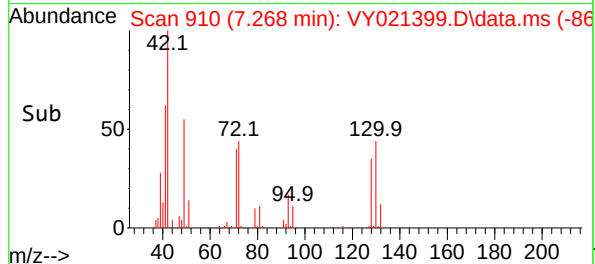
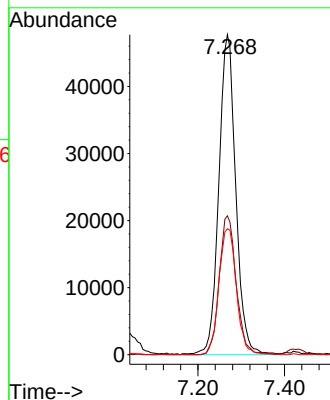
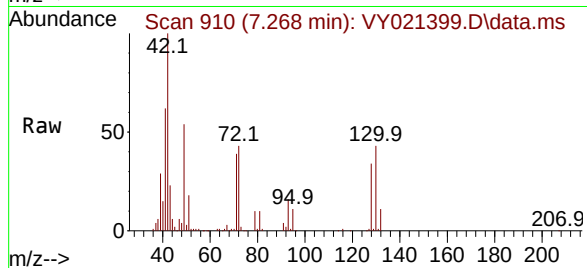
71 40.7 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#30

Chloroform

Concen: 49.593 ug/l

RT: 7.426 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021399.D

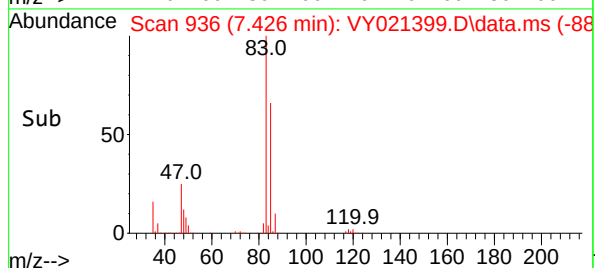
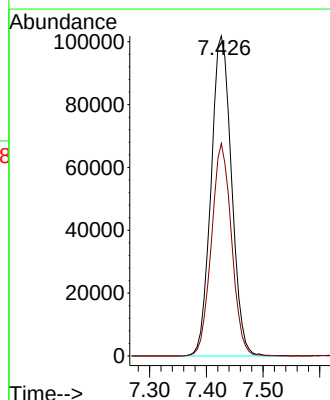
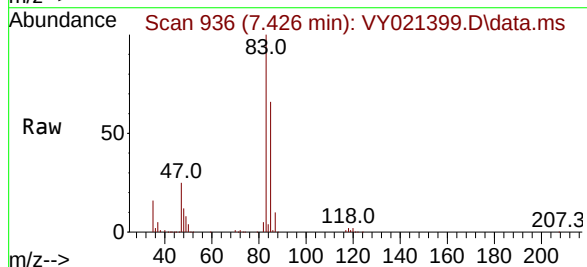
Acq: 04 Mar 2025 10:30

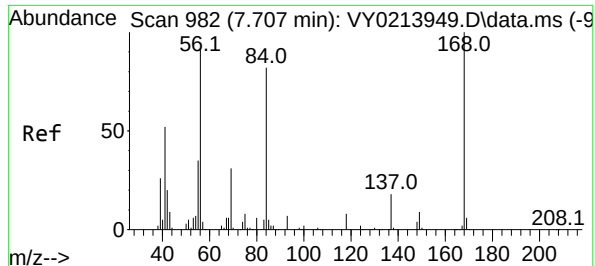
Tgt Ion: 83 Resp: 255675

Ion Ratio Lower Upper

83 100

85 66.4 53.1 79.7





#31

Cyclohexane

Concen: 47.519 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 22118

Ion Ratio Lower Upper

56 100

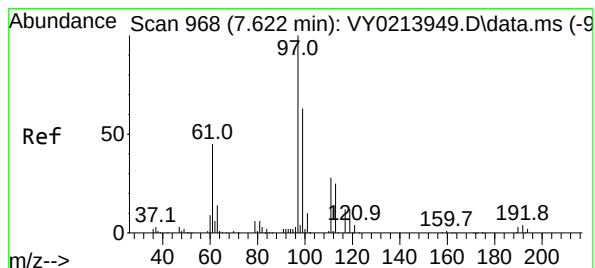
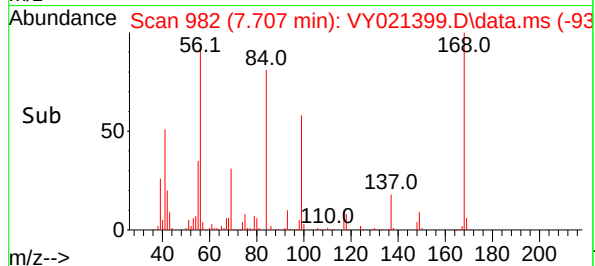
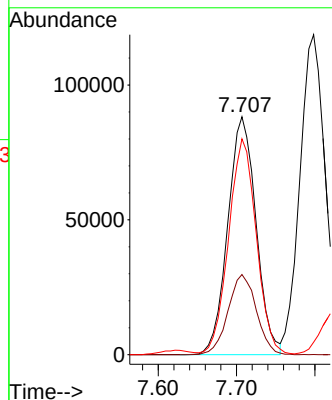
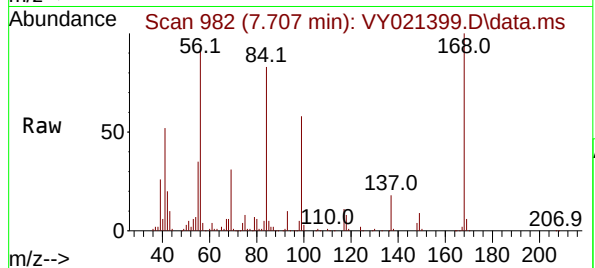
69 33.7 27.0 40.4

84 88.9 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#32

1,1,1-Trichloroethane

Concen: 48.727 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

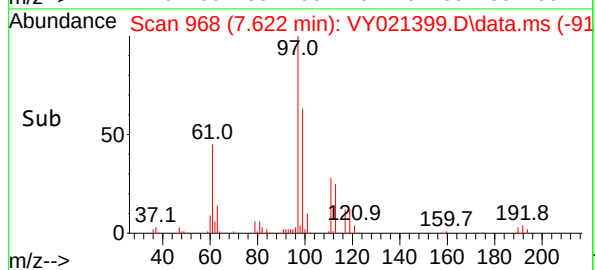
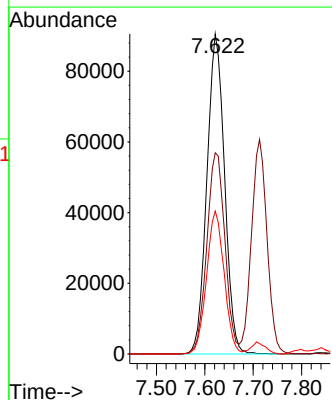
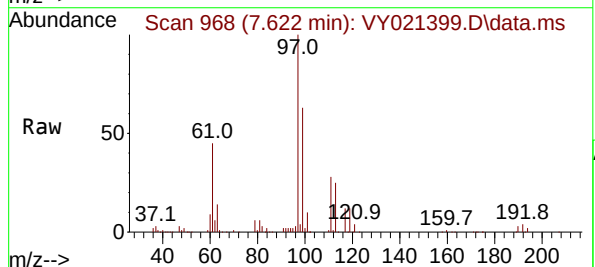
Tgt Ion: 97 Resp: 230018

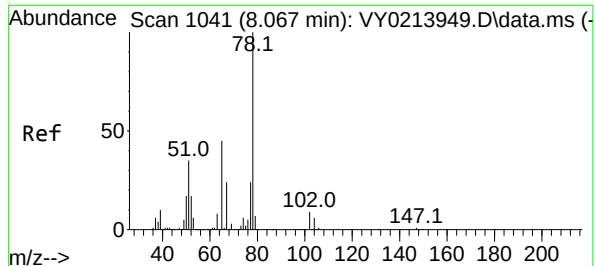
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 44.6 35.7 53.5





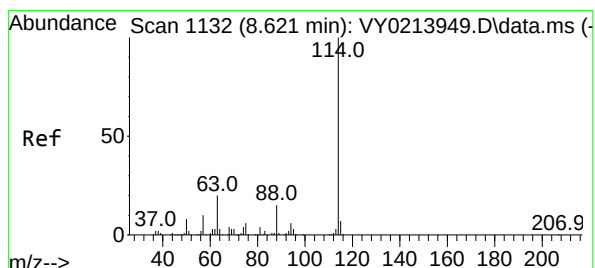
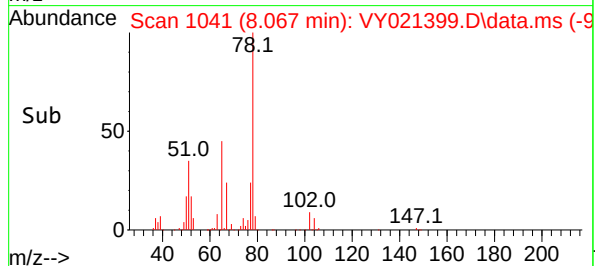
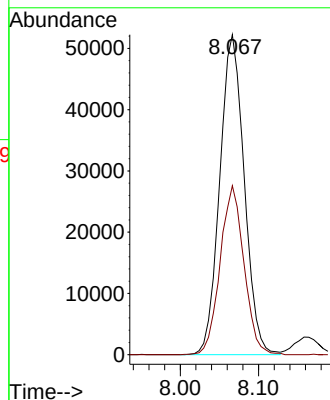
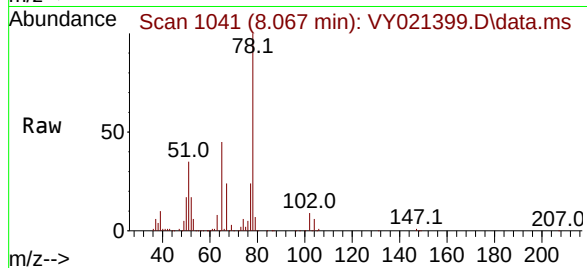
#33
1,2-Dichloroethane-d4
Concen: 45.625 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 11339
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.8

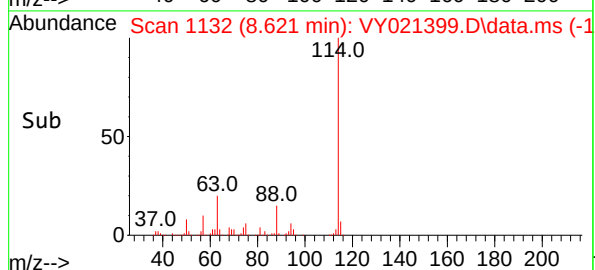
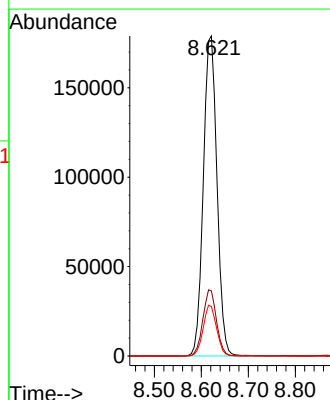
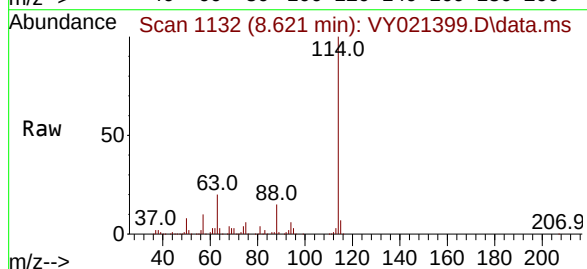
Manual Integrations
APPROVED

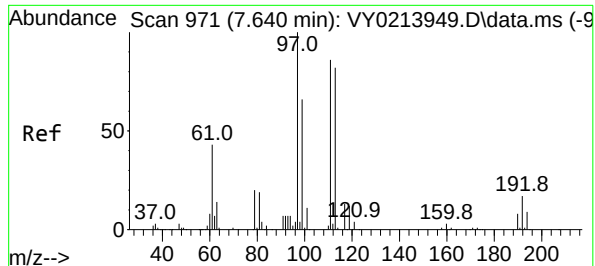
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion:114 Resp: 360221
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 44.973 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 10648

Ion Ratio Lower Upper

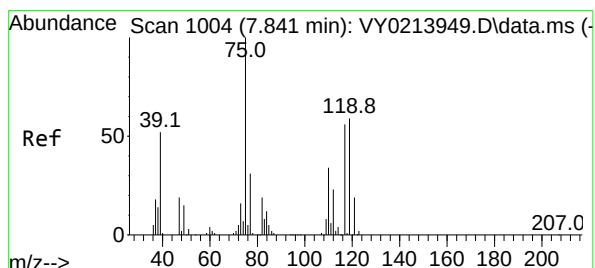
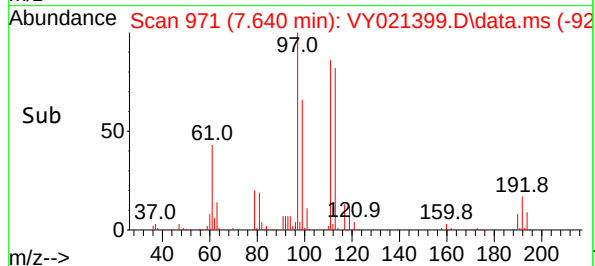
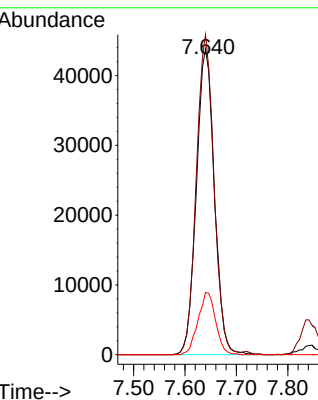
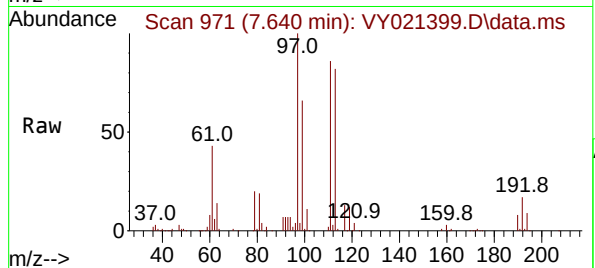
113 100

111 102.5 82.0 123.0

192 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#36

1,1-Dichloropropene

Concen: 50.340 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

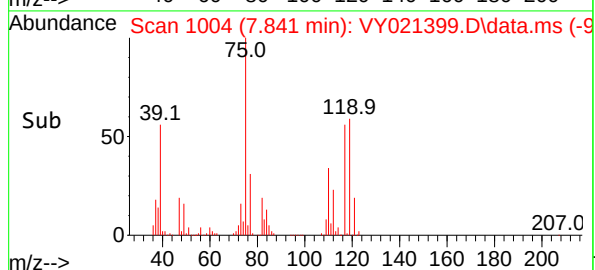
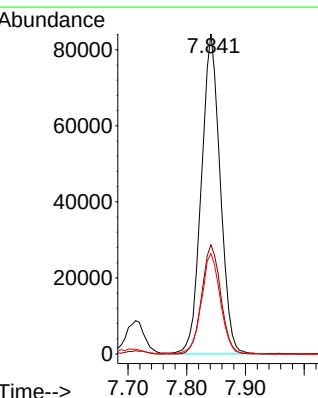
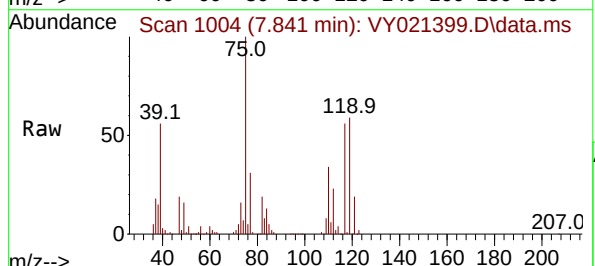
Tgt Ion: 75 Resp: 186577

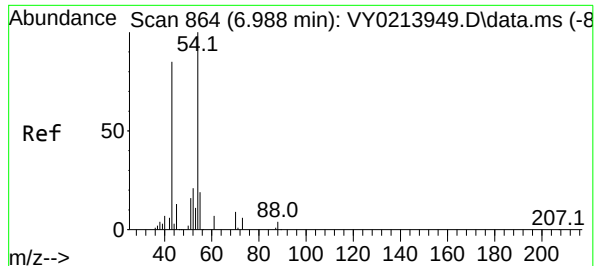
Ion Ratio Lower Upper

75 100

110 34.5 17.3 51.7

77 31.8 25.4 38.2





#37

Ethyl Acetate

Concen: 53.423 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

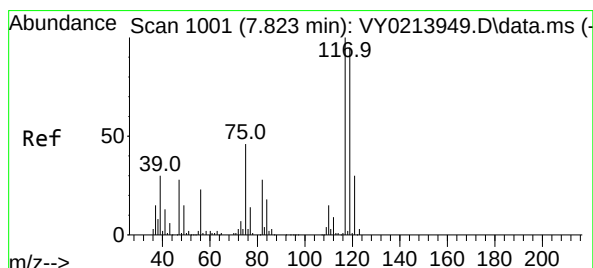
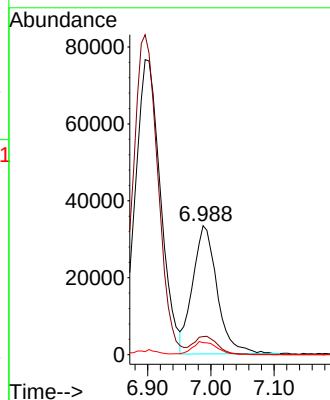
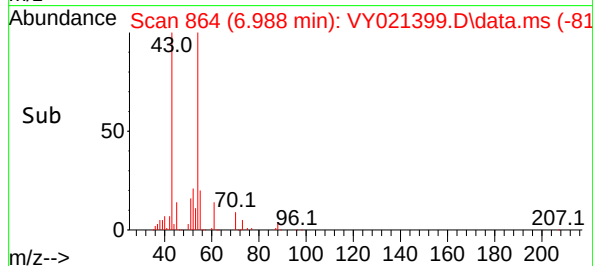
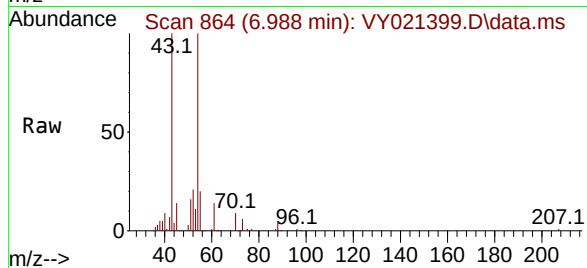
VSTDICCC050

Tgt Ion:	43	Resp:	8931
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.4	17.0
70	10.2	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#38

Carbon Tetrachloride

Concen: 49.573 ug/l

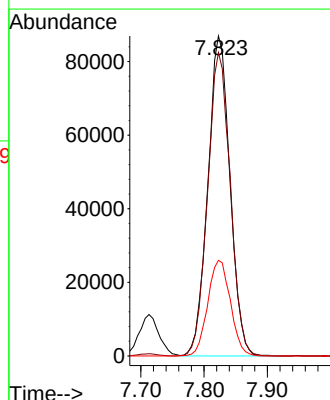
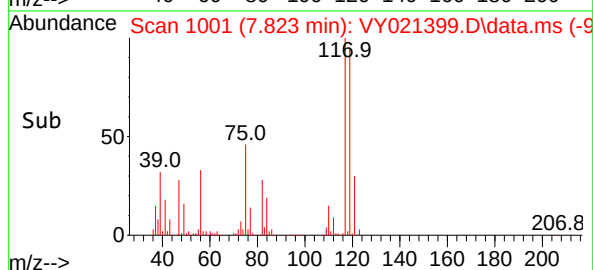
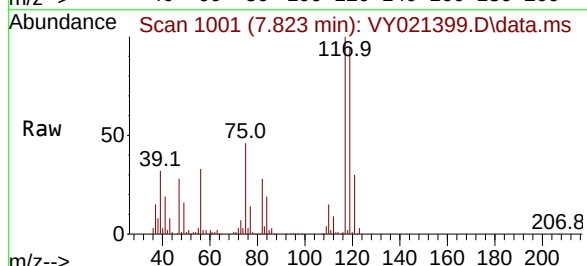
RT: 7.823 min Scan# 1001

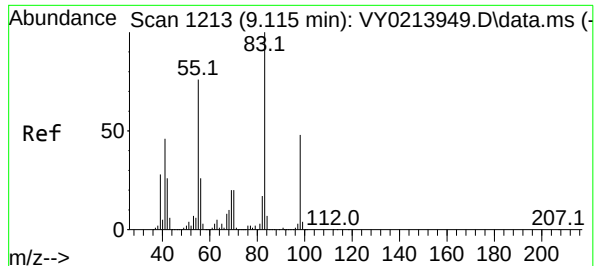
Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Tgt Ion:	117	Resp:	211310
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
121	29.9	23.9	35.9





#39

Methylcyclohexane

Concen: 51.585 ug/l

RT: 9.115 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 234520

Ion Ratio Lower Upper

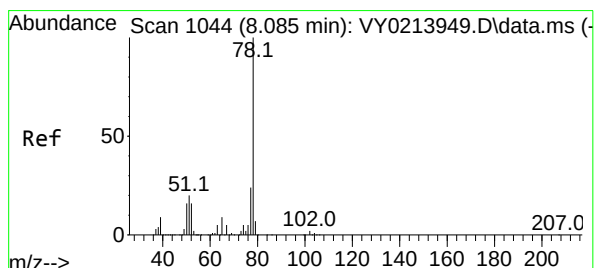
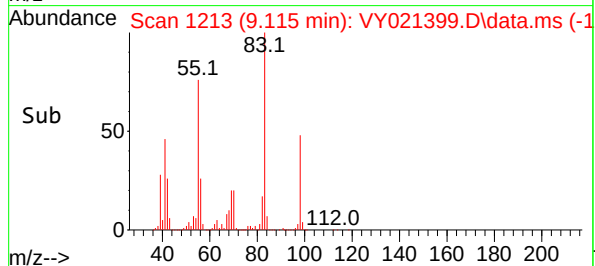
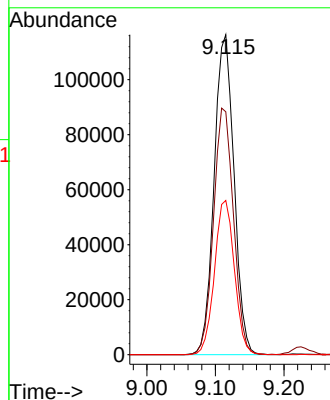
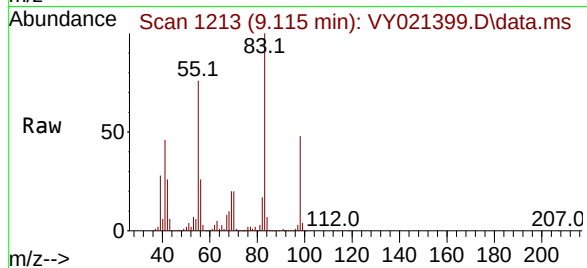
83 100

55 75.9 60.7 91.1

98 48.2 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#40

Benzene

Concen: 50.867 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY021399.D

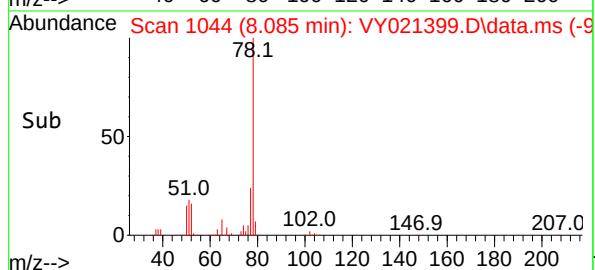
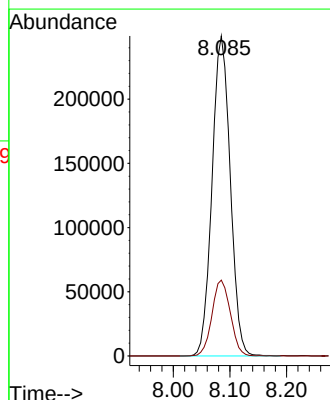
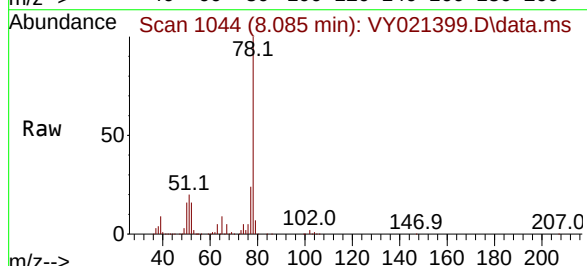
Acq: 04 Mar 2025 10:30

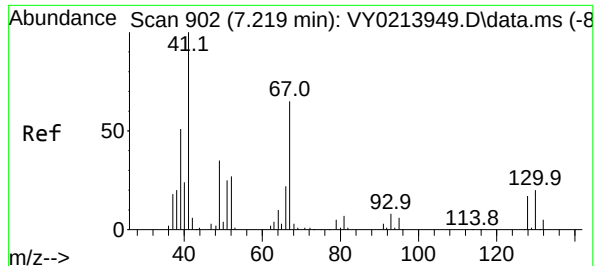
Tgt Ion: 78 Resp: 555364

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4





#41

Methacrylonitrile

Concen: 51.774 ug/l

RT: 7.219 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 4714

Ion Ratio Lower Upper

41 100

39 43.8 35.0 52.6

67 76.5 61.2 91.8

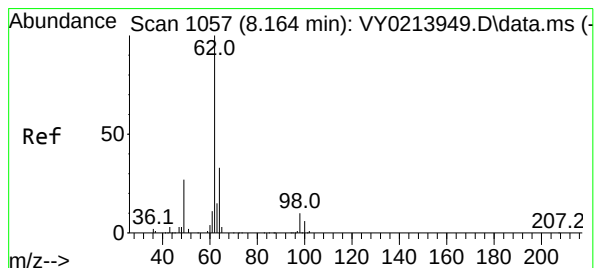
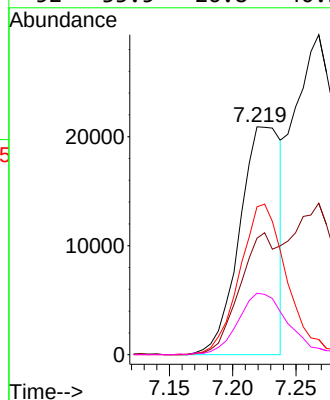
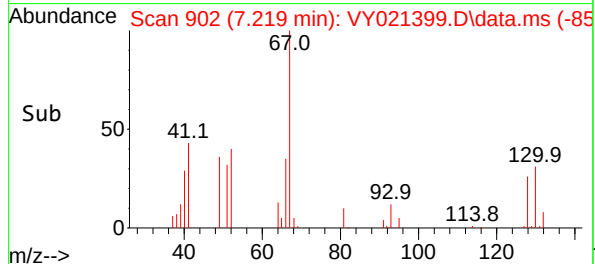
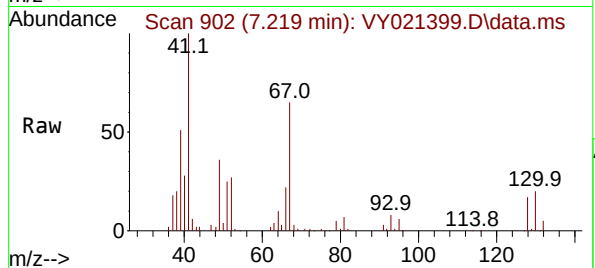
52 33.5 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#42

1,2-Dichloroethane

Concen: 51.469 ug/l

RT: 8.164 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VY021399.D

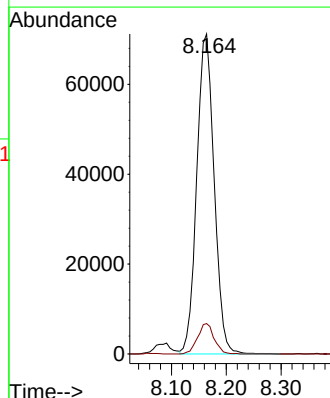
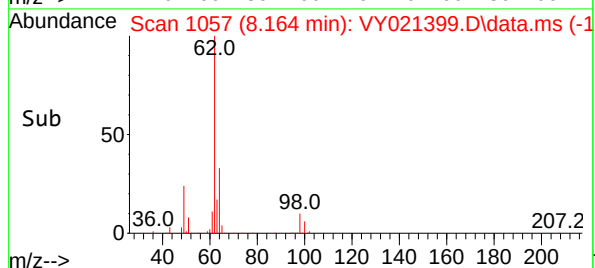
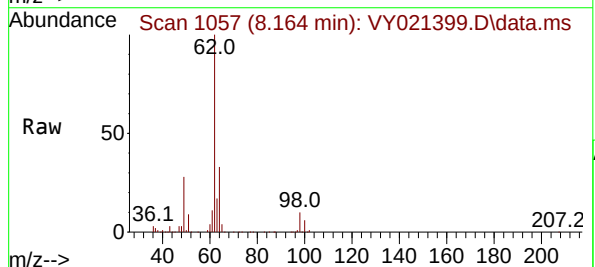
Acq: 04 Mar 2025 10:30

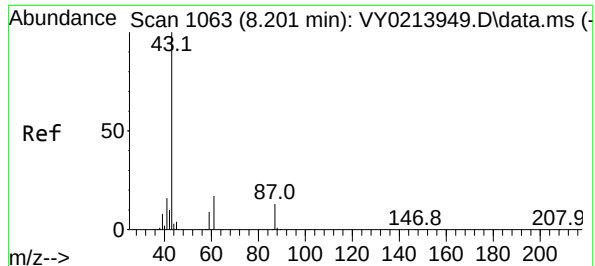
Tgt Ion: 62 Resp: 157205

Ion Ratio Lower Upper

62 100

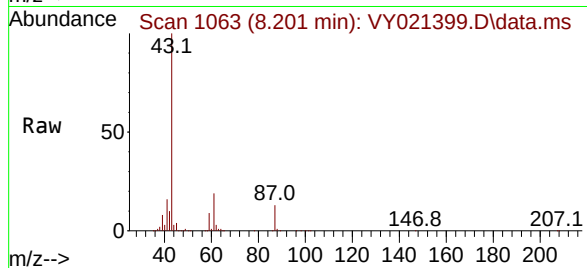
98 9.1 0.0 18.2





#43
Isopropyl Acetate
Concen: 54.689 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

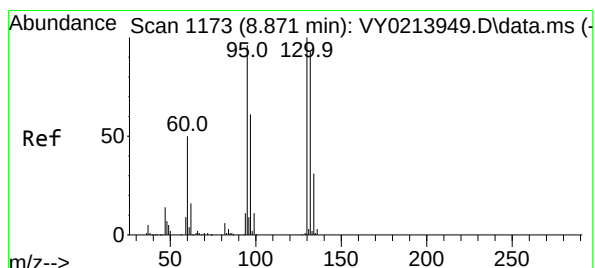
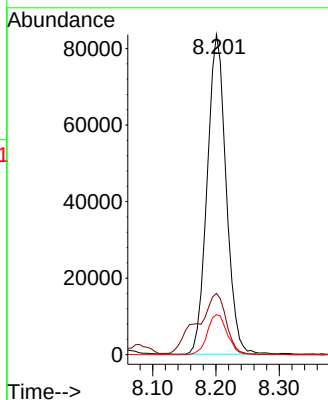
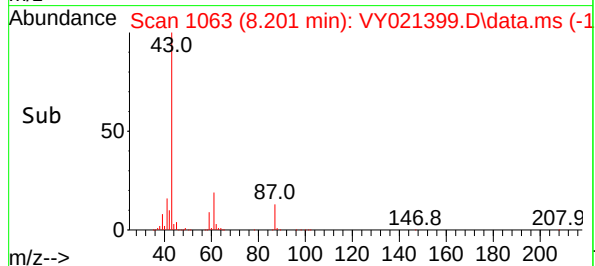
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 17391
Ion Ratio Lower Upper
43 100
61 29.2 23.4 35.0
87 13.1 10.5 15.7

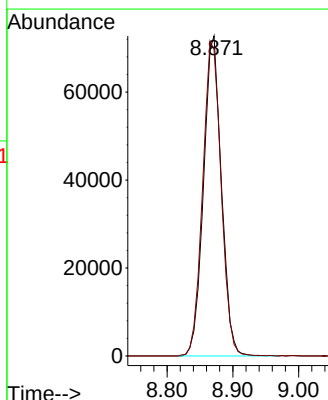
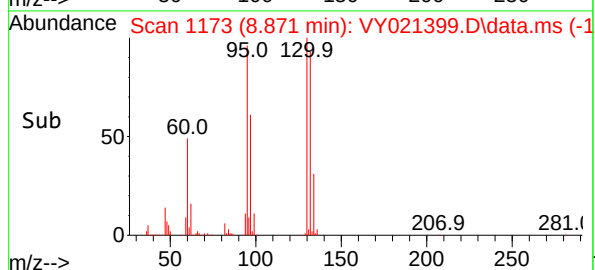
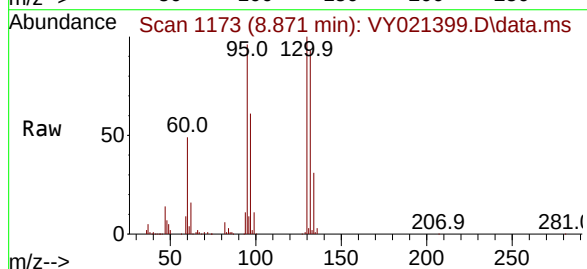
Manual Integrations
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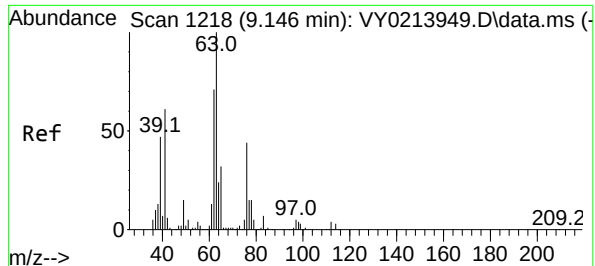
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#44
Trichloroethene
Concen: 49.793 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion:130 Resp: 137378
Ion Ratio Lower Upper
130 100
95 95.8 0.0 191.6





#45

1,2-Dichloropropane

Concen: 50.949 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 132392

Ion Ratio Lower Upper

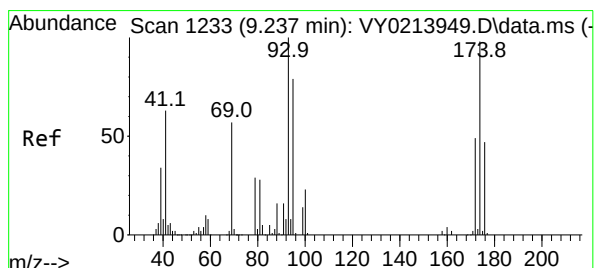
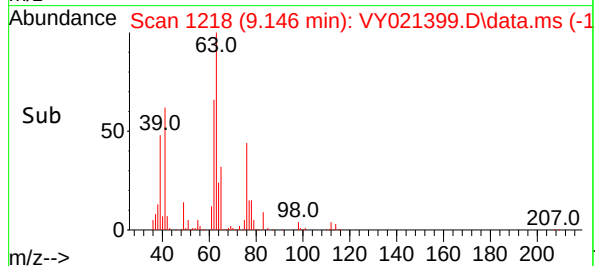
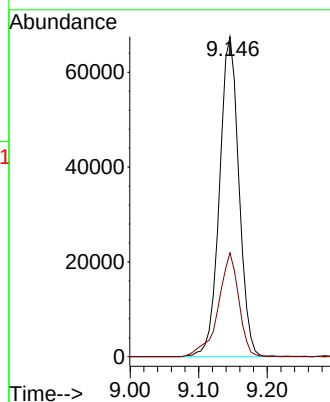
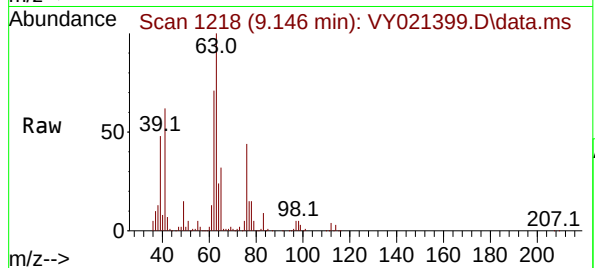
63 100

65 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#46

Dibromomethane

Concen: 52.923 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

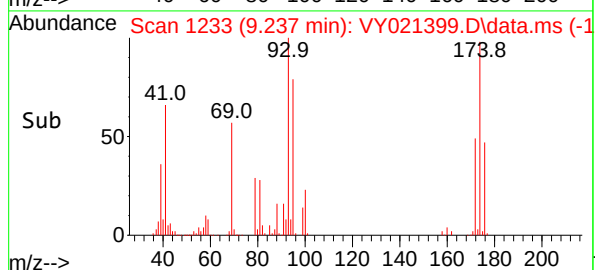
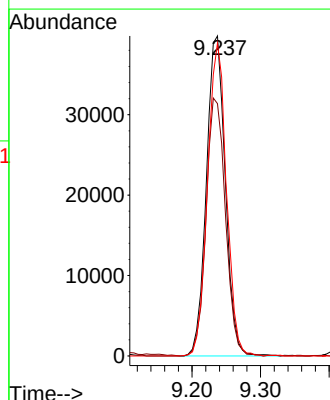
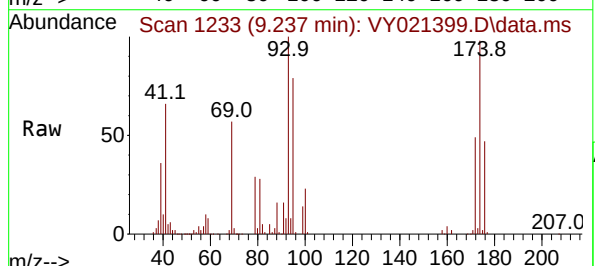
Tgt Ion: 93 Resp: 76517

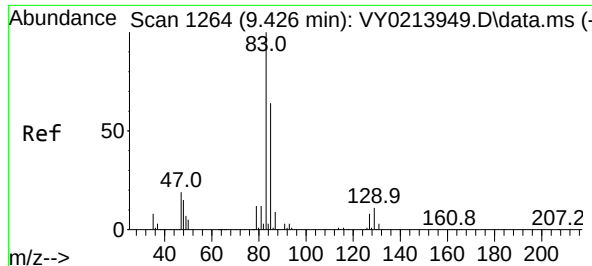
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

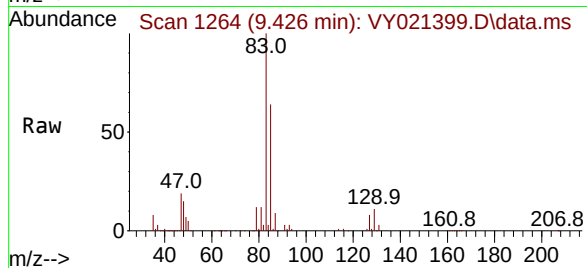
174 97.4 77.9 116.9





#47
Bromodichloromethane
Concen: 51.370 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

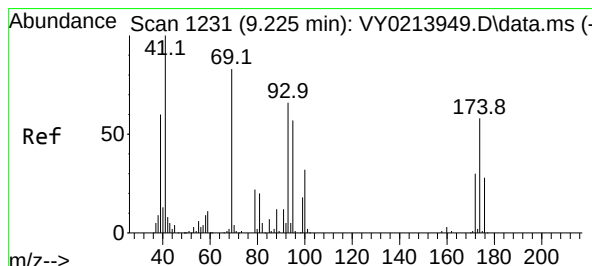
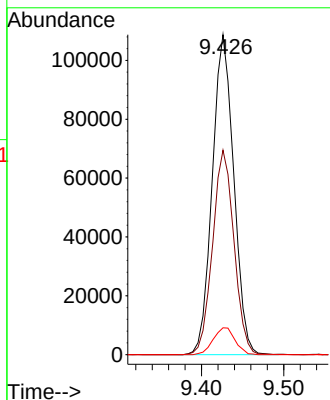
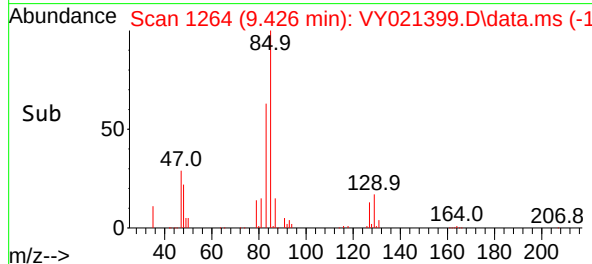
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 19724
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.4 6.7 10.1

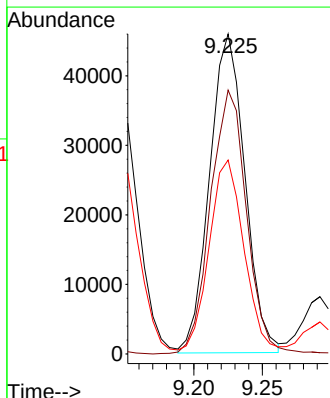
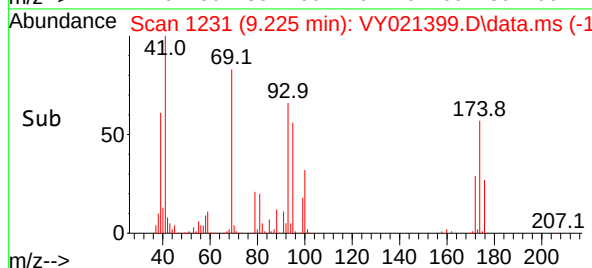
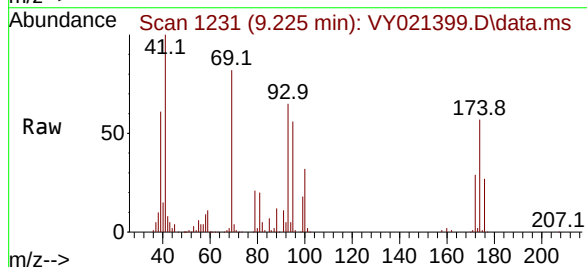
Manual Integrations
APPROVED

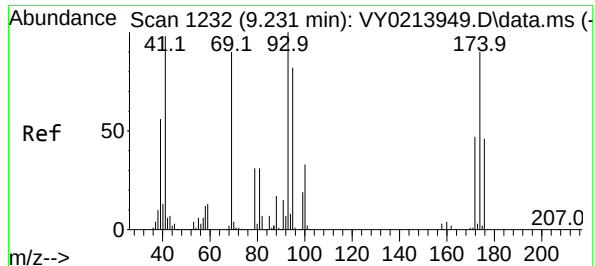
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#48
Methyl methacrylate
Concen: 55.853 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 41 Resp: 82355
Ion Ratio Lower Upper
41 100
69 84.8 67.8 101.8
39 58.0 46.4 69.6





#49

1,4-Dioxane

Concen: 1144.224 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 16238

Ion Ratio Lower Upper

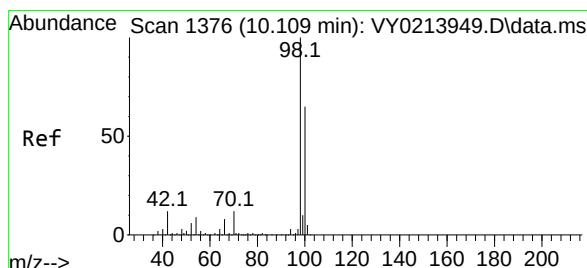
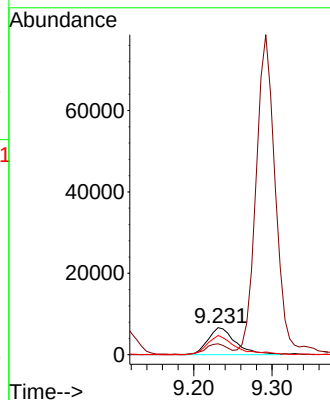
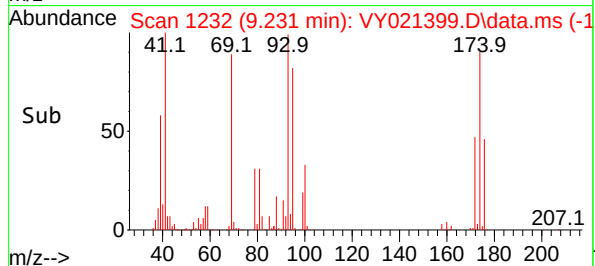
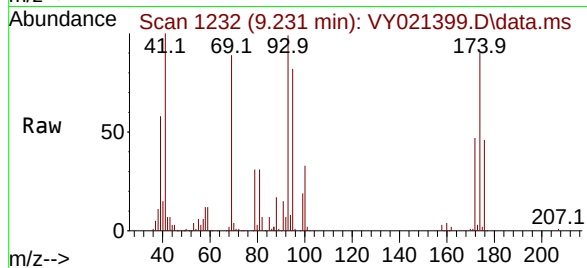
88 100

43 31.2 25.0 37.4

58 73.0 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#50

Toluene-d8

Concen: 45.594 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021399.D

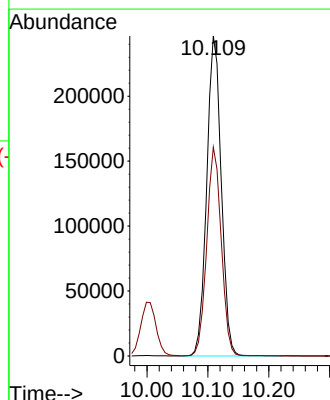
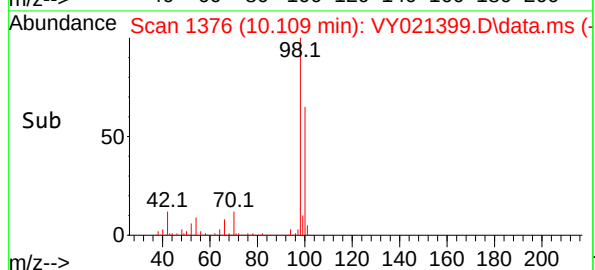
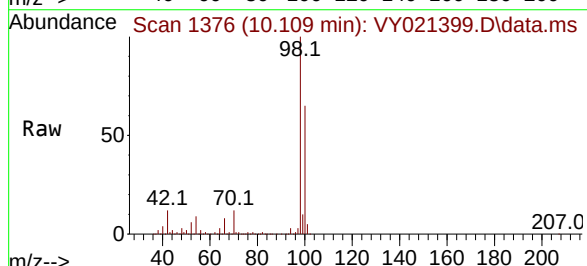
Acq: 04 Mar 2025 10:30

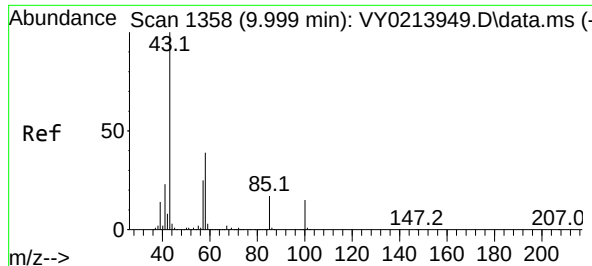
Tgt Ion: 98 Resp: 408759

Ion Ratio Lower Upper

98 100

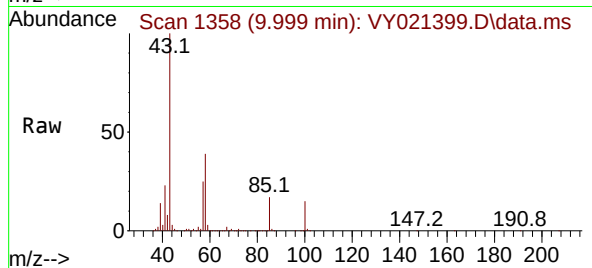
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 288.203 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

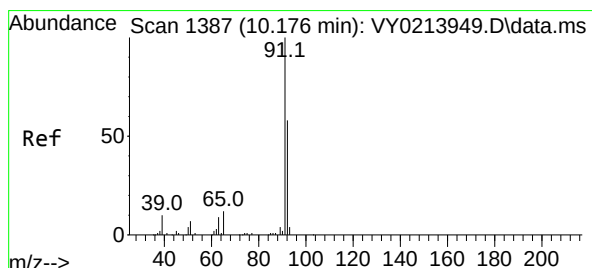
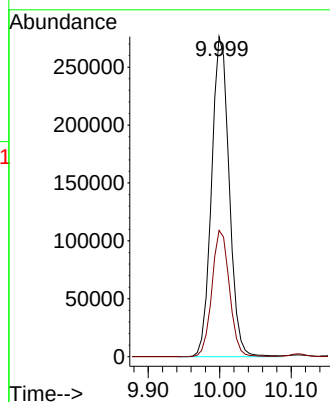
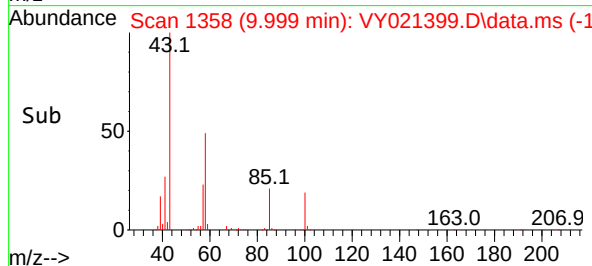
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 472885
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.2

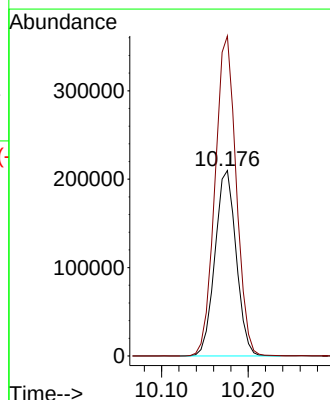
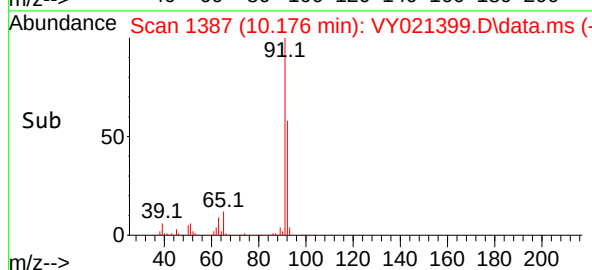
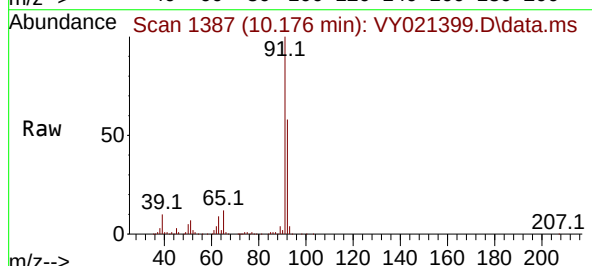
Manual Integrations
APPROVED

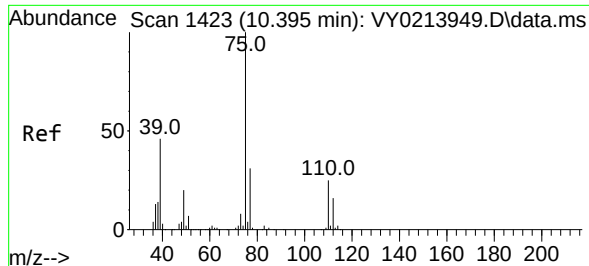
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 51.723 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

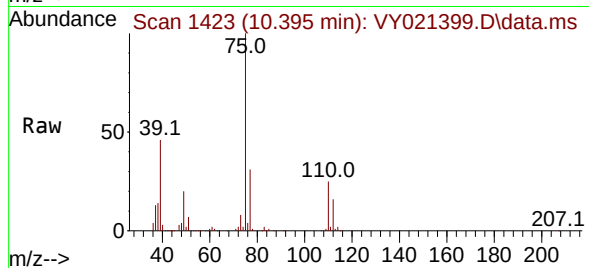
Tgt Ion: 92 Resp: 356029
Ion Ratio Lower Upper
92 100
91 172.7 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 53.154 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

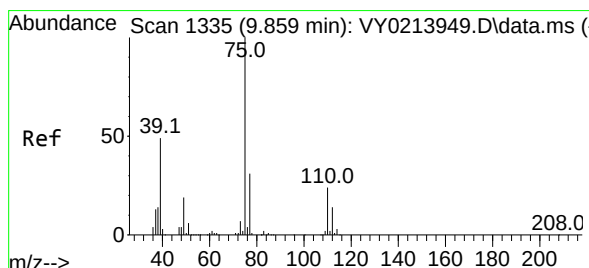
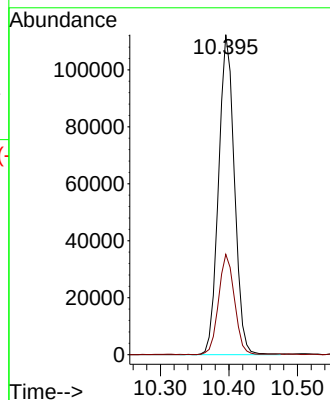
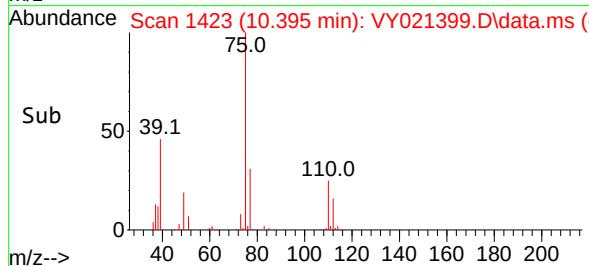
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 179810
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6

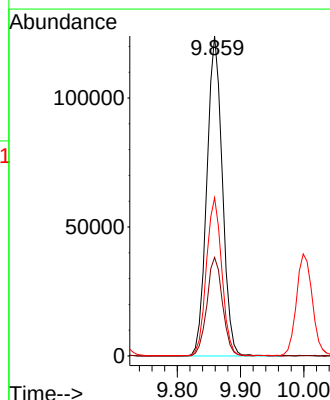
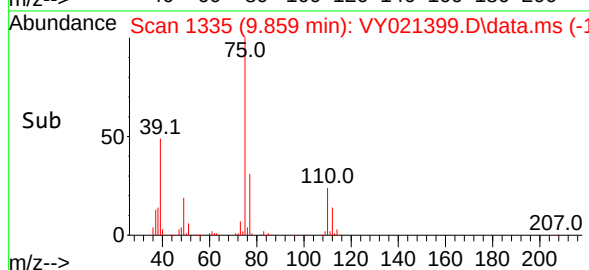
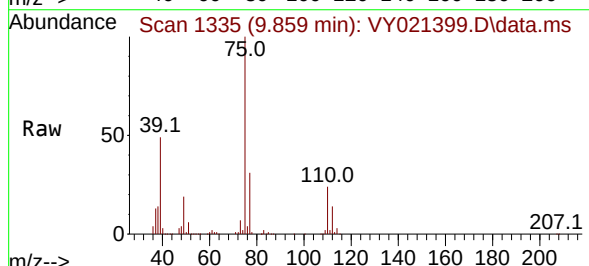
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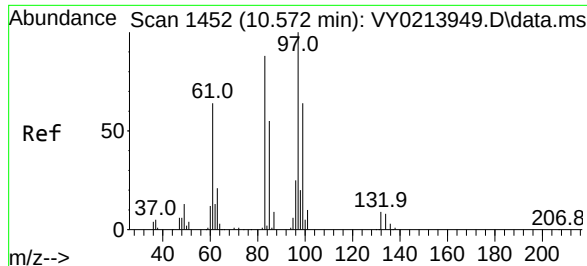
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 52.691 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 75 Resp: 211622
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0
39 49.3 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 53.886 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 10191

Ion Ratio Lower Upper

97 100

83 87.5 70.0 105.0

85 55.4 44.3 66.5

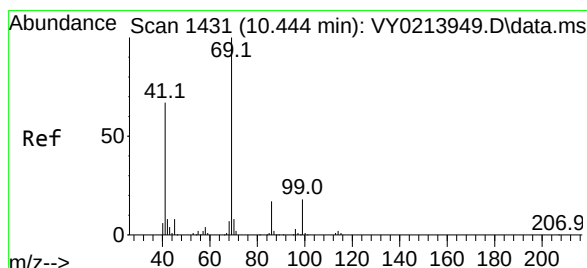
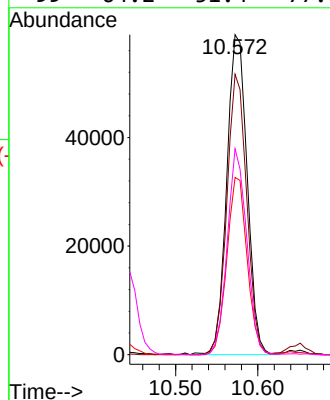
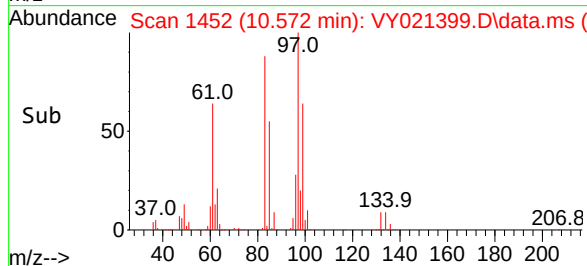
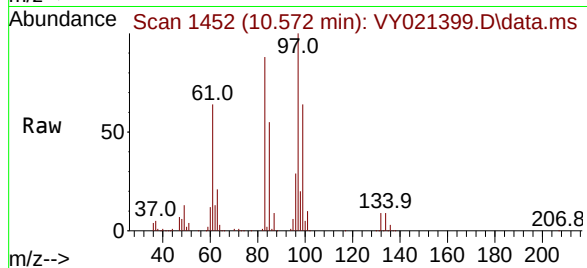
99 64.2 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#56

Ethyl methacrylate

Concen: 57.187 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

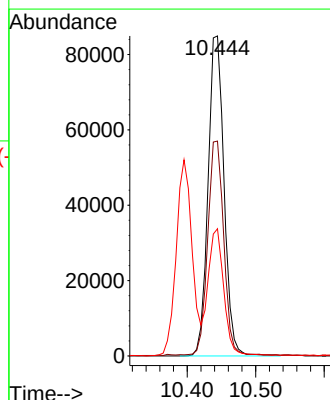
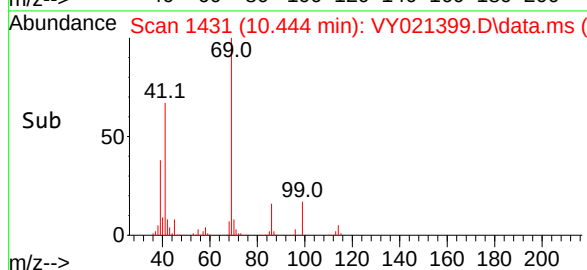
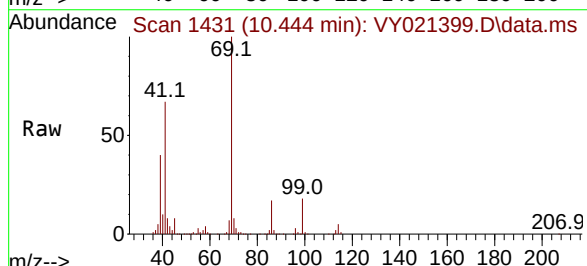
Tgt Ion: 69 Resp: 137939

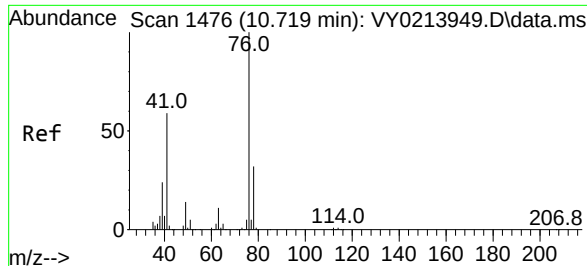
Ion Ratio Lower Upper

69 100

41 66.6 53.3 79.9

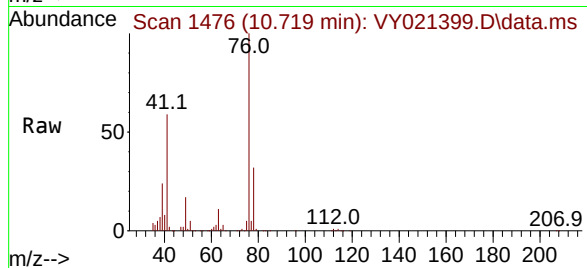
39 38.8 31.0 46.6





#57
1,3-Dichloropropane
Concen: 52.551 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

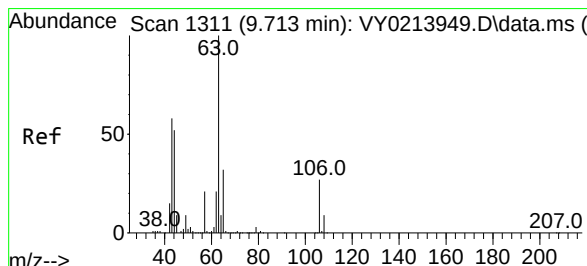
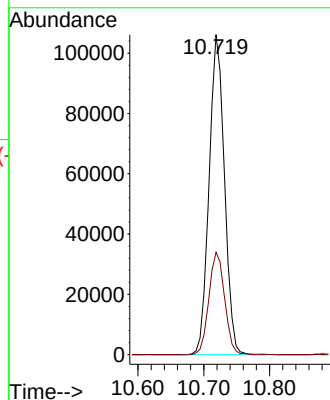
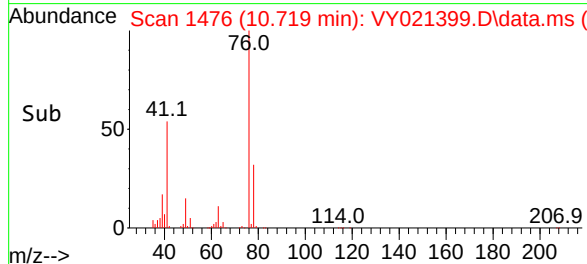
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 172259
Ion Ratio Lower Upper
76 100
78 32.9 26.3 39.5

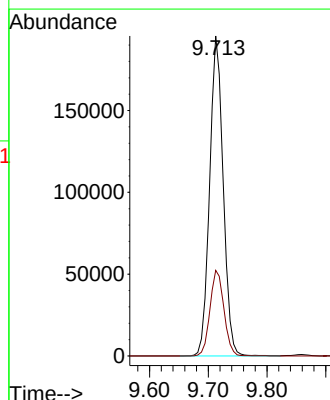
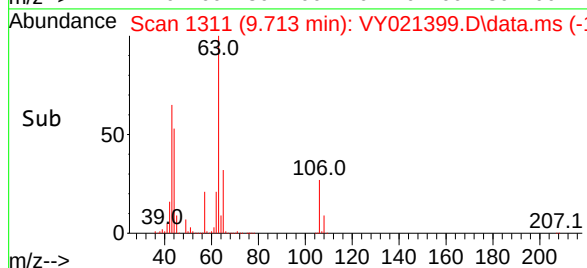
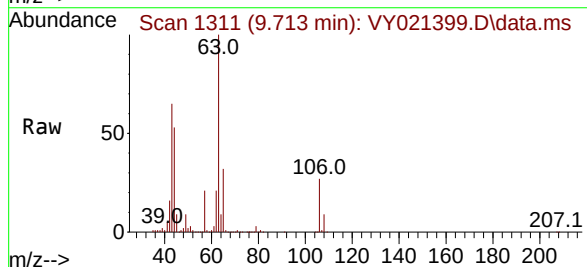
Manual Integrations
APPROVED

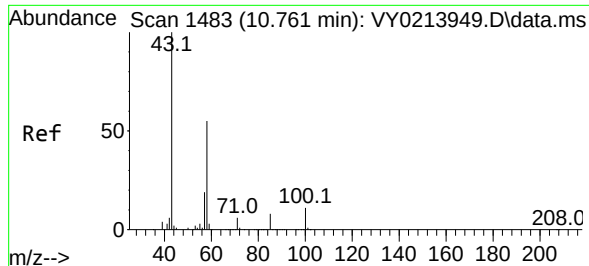
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 281.418 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

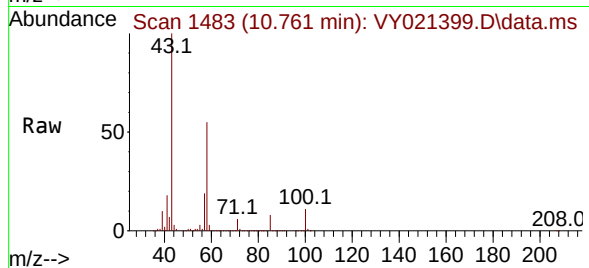
Tgt Ion: 63 Resp: 313349
Ion Ratio Lower Upper
63 100
106 27.6 22.1 33.1





#59
2-Hexanone
Concen: 301.583 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

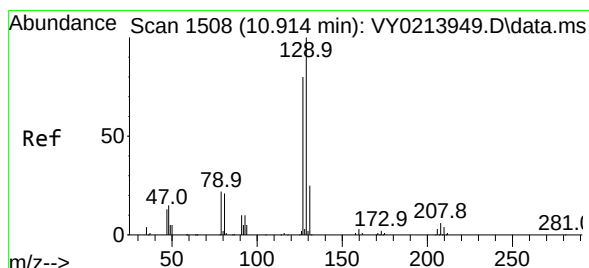
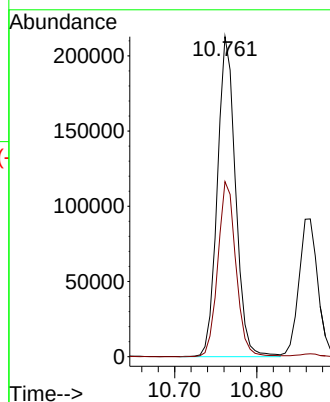
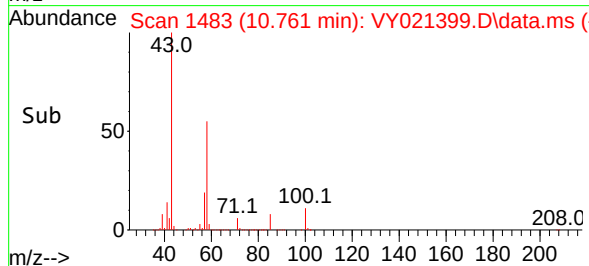
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 327200
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8

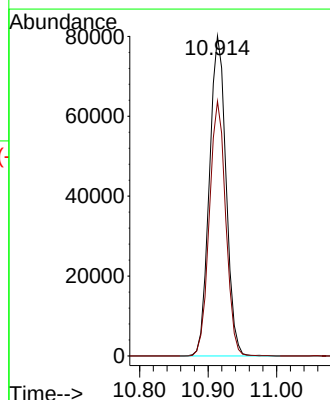
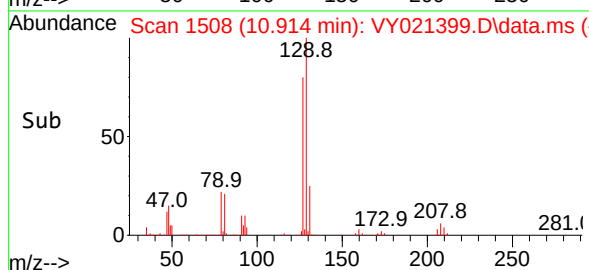
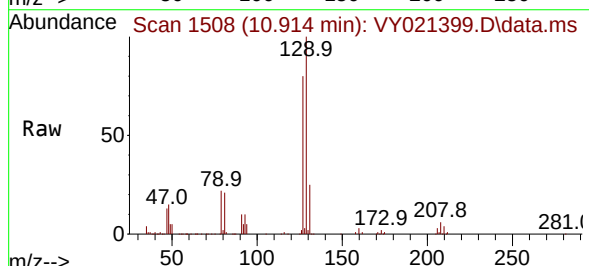
Manual Integrations
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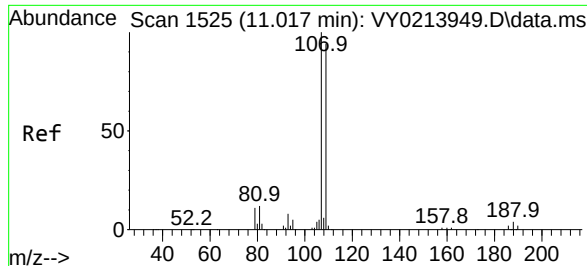
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60
Dibromochloromethane
Concen: 52.296 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion:129 Resp: 135595
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3





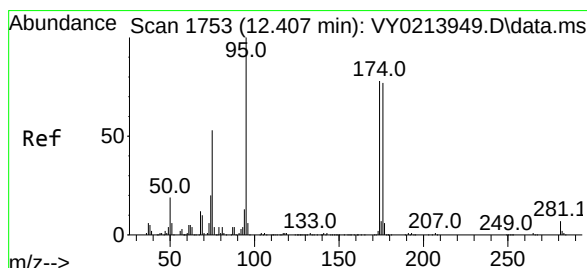
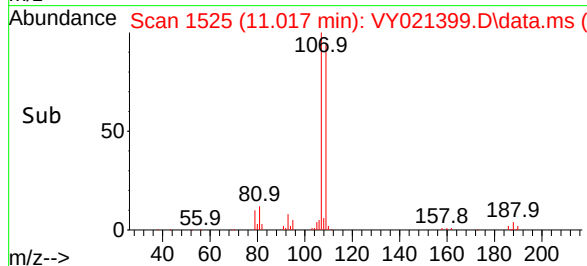
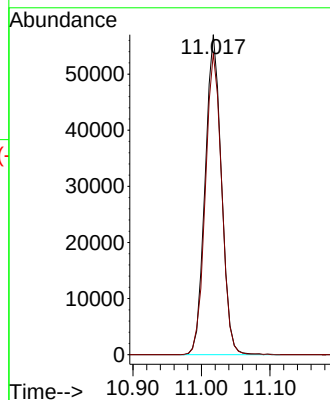
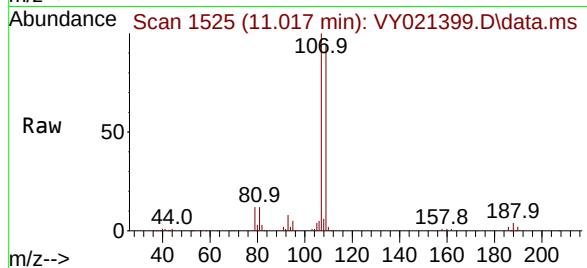
#61
1,2-Dibromoethane
Concen: 52.819 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 94280
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8

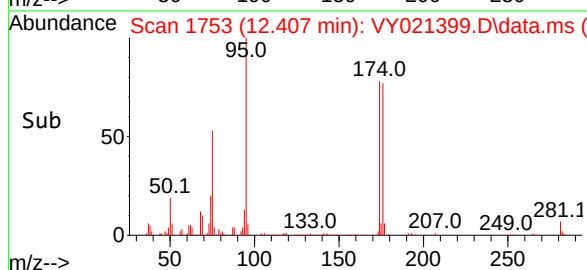
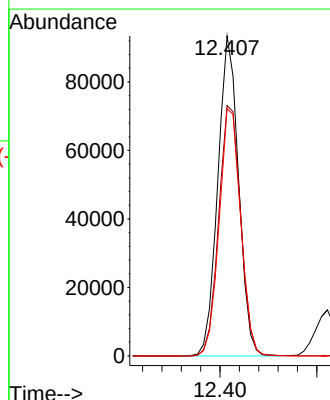
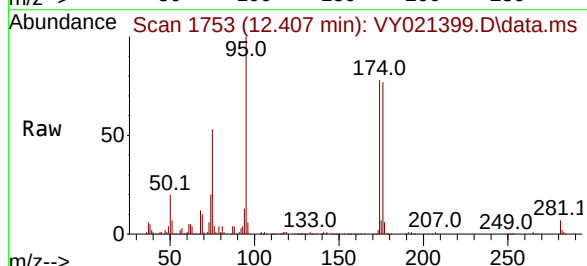
Manual Integrations
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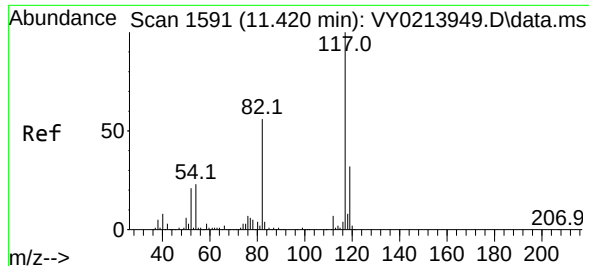
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 45.618 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

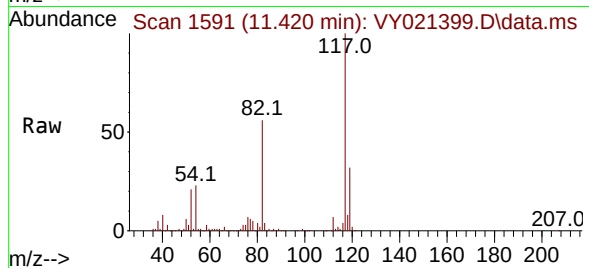
Tgt Ion: 95 Resp: 139117
Ion Ratio Lower Upper
95 100
174 82.5 0.0 165.0
176 80.0 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

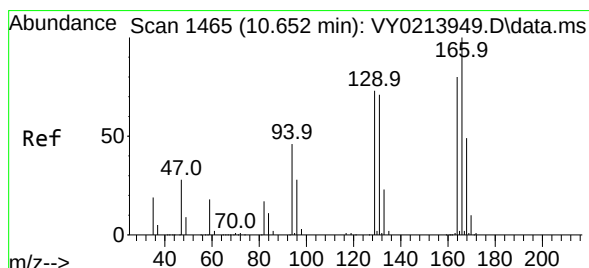
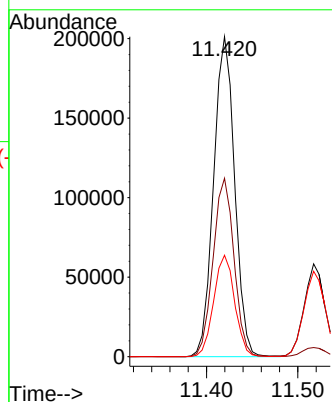
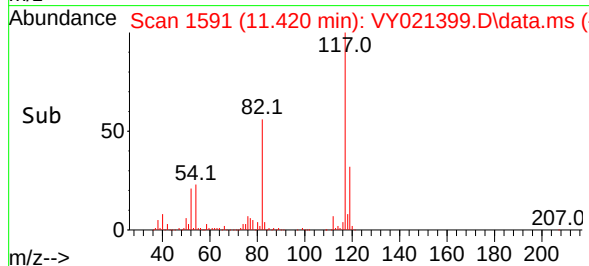
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 321260
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 31.7 25.4 38.0

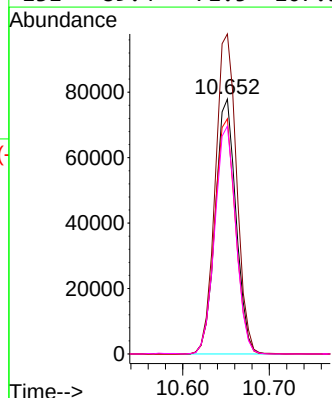
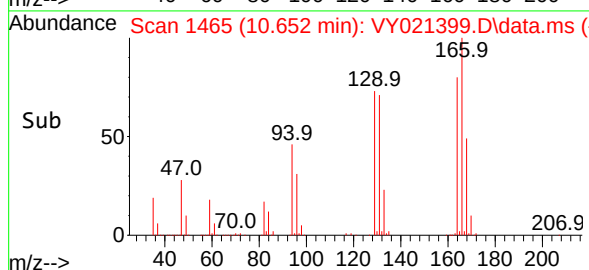
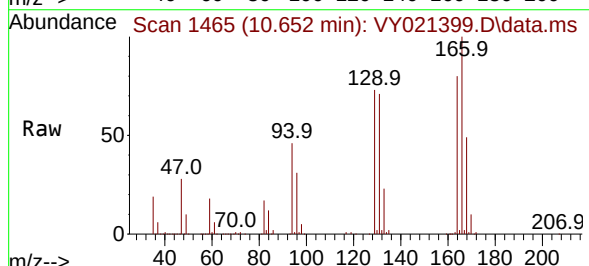
Manual Integrations
APPROVED

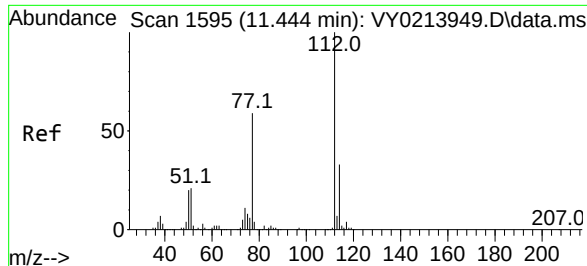
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#64
Tetrachloroethene
Concen: 49.596 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion:164 Resp: 129562
Ion Ratio Lower Upper
164 100
166 125.5 100.4 150.6
129 92.3 73.8 110.8
131 89.4 71.5 107.3





#65

Chlorobenzene

Concen: 50.233 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:112 Resp: 38108

Ion Ratio Lower Upper

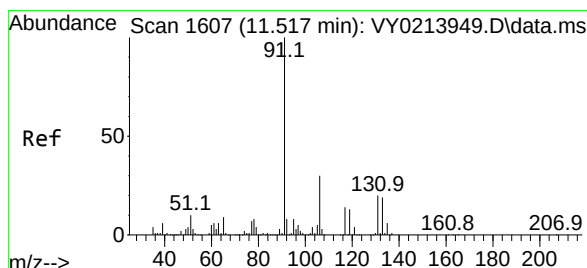
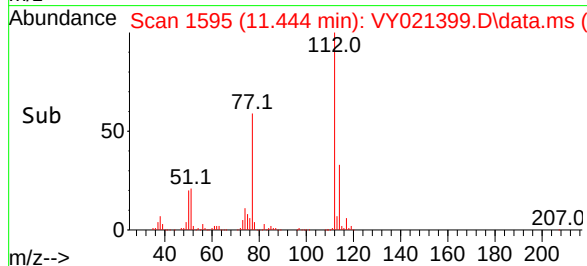
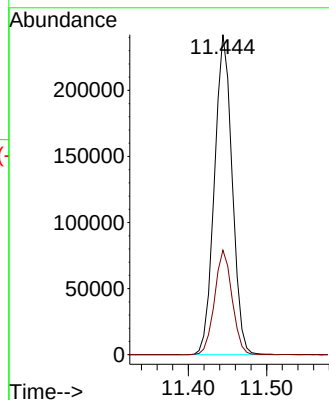
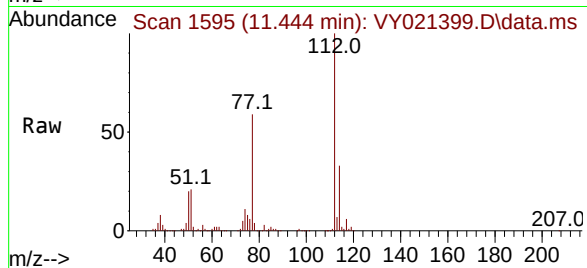
112 100

114 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 50.434 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

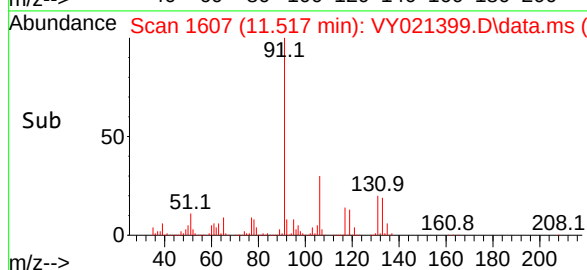
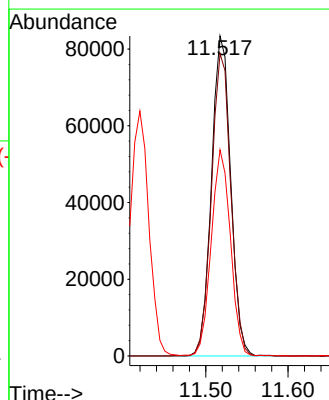
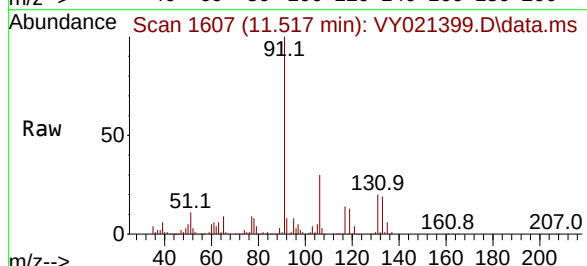
Tgt Ion:131 Resp: 135273

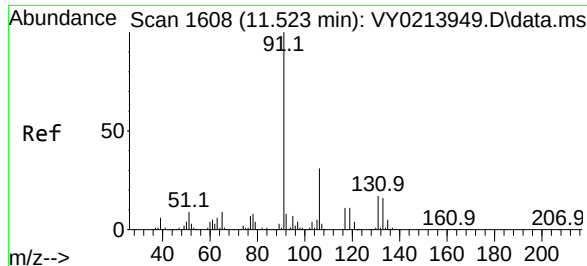
Ion Ratio Lower Upper

131 100

133 95.3 47.6 142.9

119 64.6 32.3 96.9





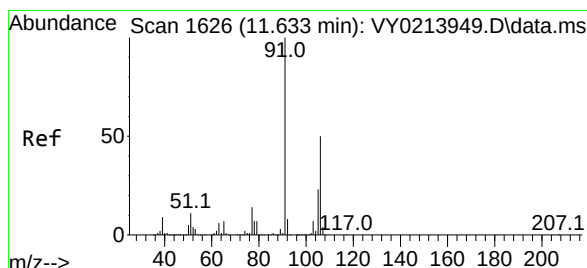
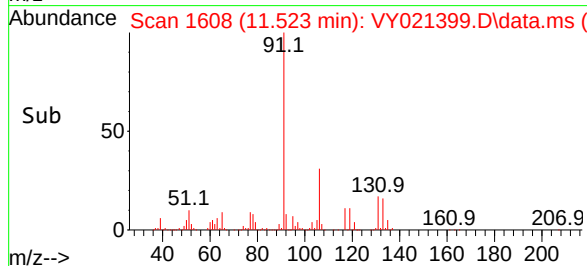
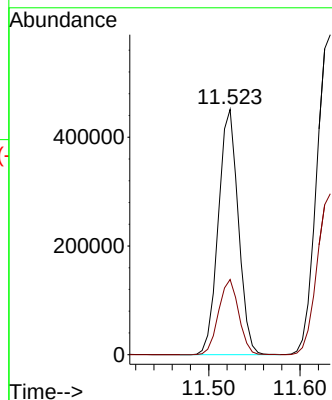
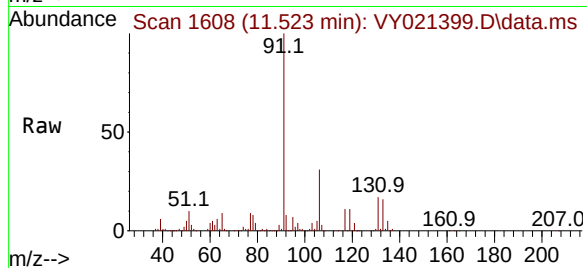
#67
Ethyl Benzene
Concen: 51.502 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 685789
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

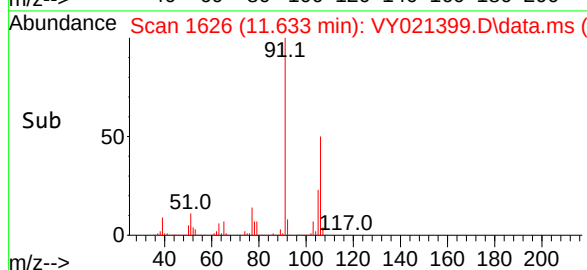
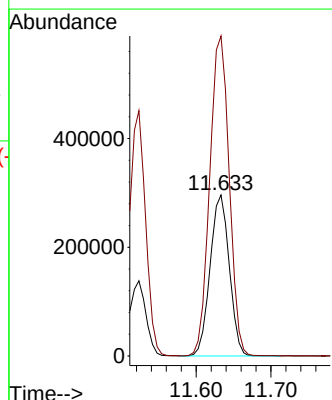
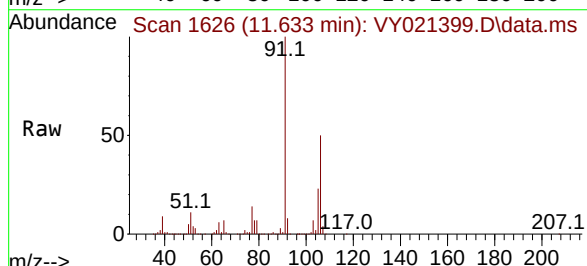
Manual Integrations
APPROVED

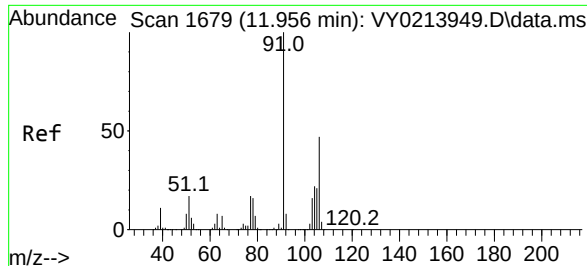
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#68
m/p-Xylenes
Concen: 104.452 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion:106 Resp: 528037
Ion Ratio Lower Upper
106 100
91 202.1 161.7 242.5





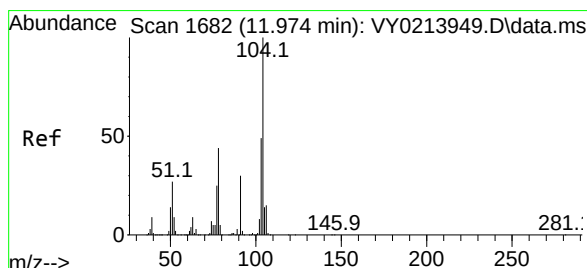
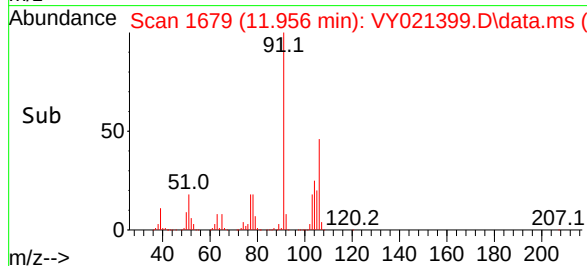
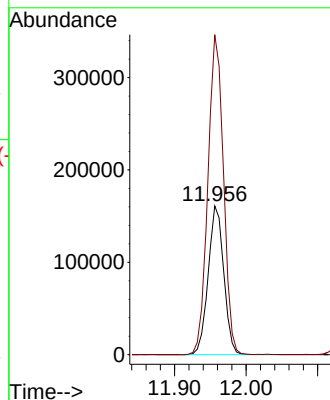
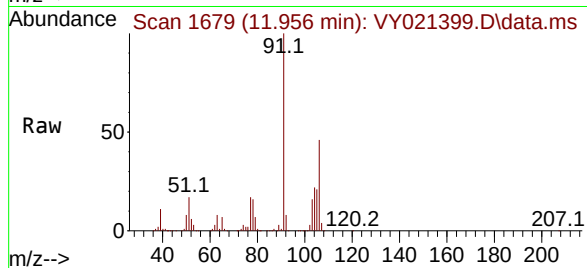
#69
o-Xylene
Concen: 52.341 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 24386
Ion Ratio Lower Upper
106 100
91 215.2 107.6 322.8

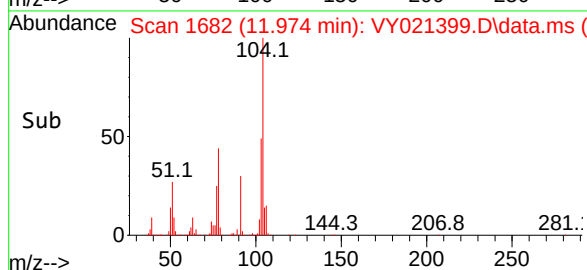
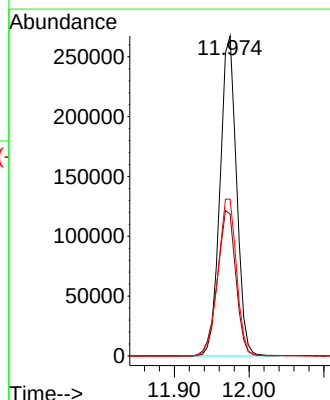
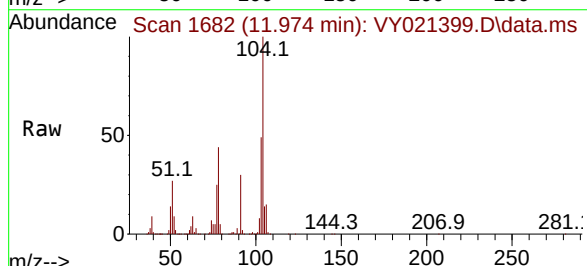
Manual Integrations
APPROVED

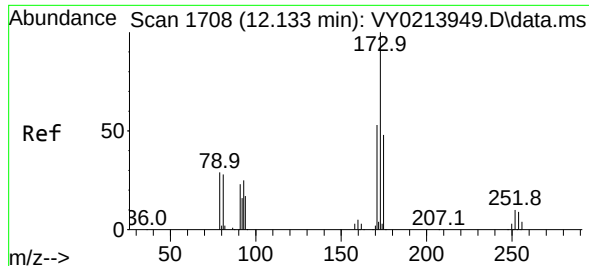
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#70
Styrene
Concen: 53.068 ug/l
RT: 11.974 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion:104 Resp: 410178
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 55.1 44.1 66.1





#71

Bromoform

Concen: 53.584 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 8034

Ion Ratio Lower Upper

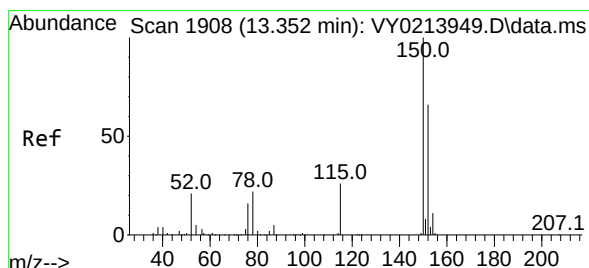
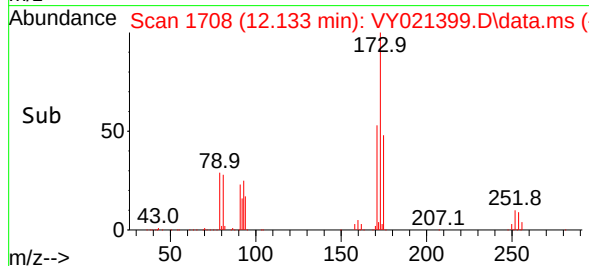
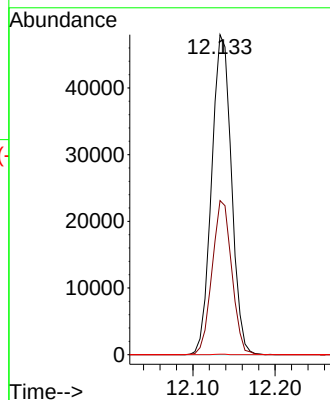
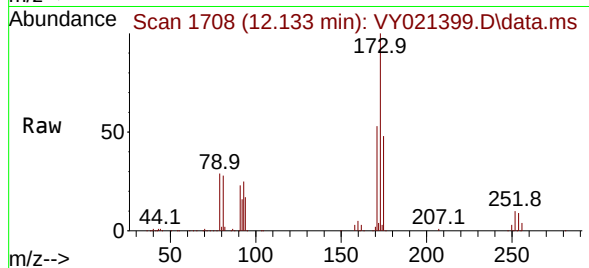
173 100

175 47.8 23.9 71.7

254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

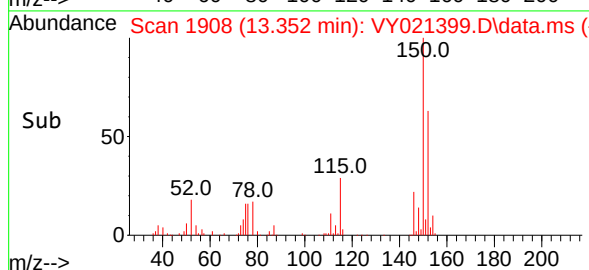
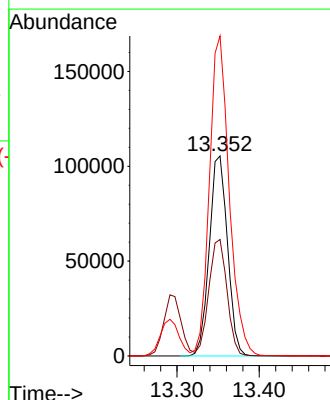
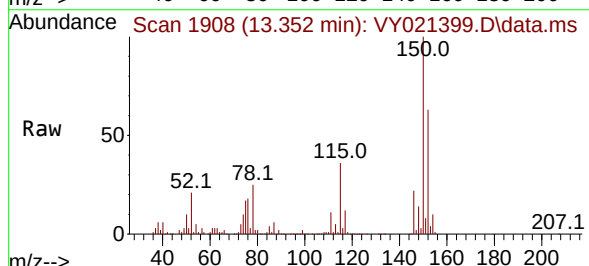
Tgt Ion:152 Resp: 162486

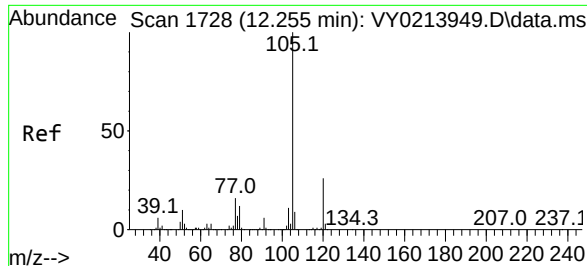
Ion Ratio Lower Upper

152 100

115 58.0 29.0 87.0

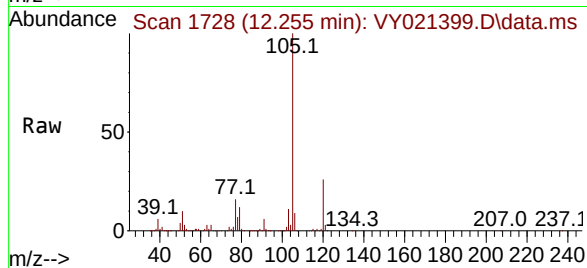
150 173.6 0.0 347.2





#73
Isopropylbenzene
Concen: 51.212 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

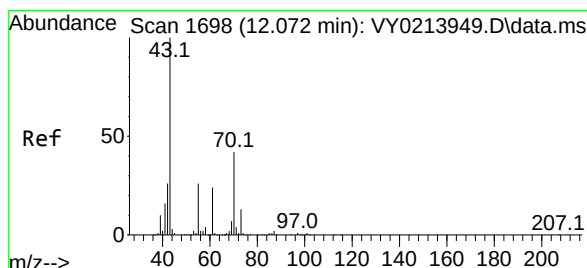
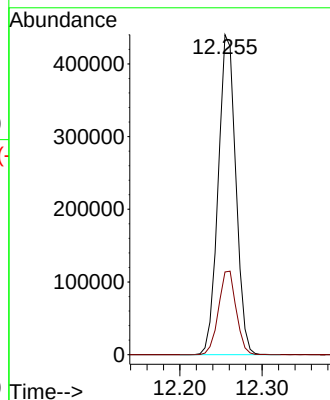
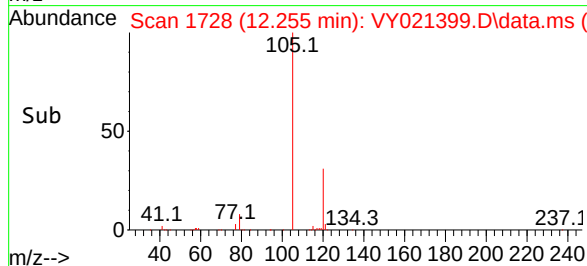
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 105 Resp: 655492
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

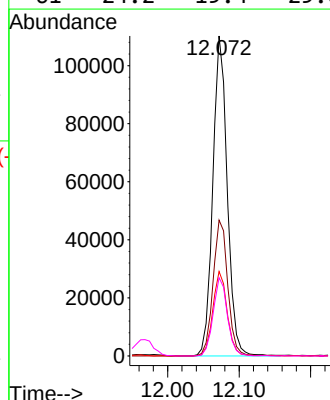
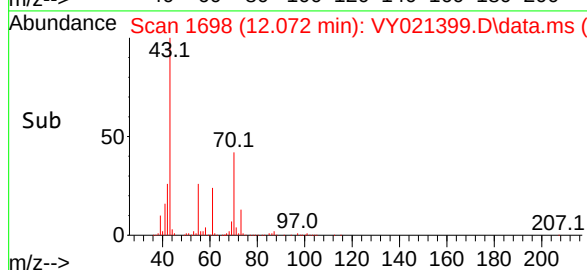
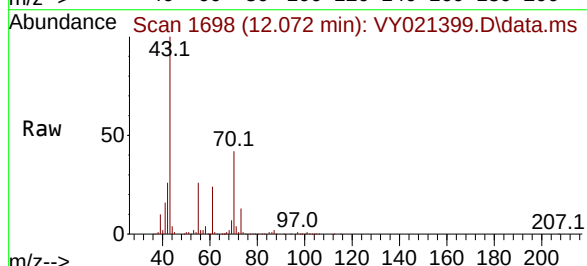
Manual Integrations
APPROVED

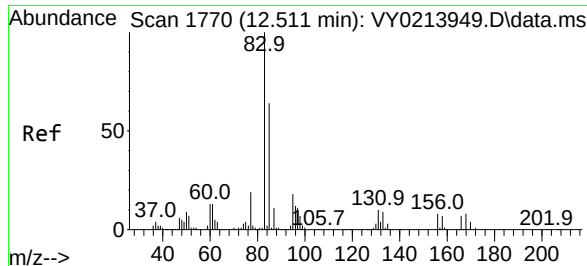
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 55.547 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

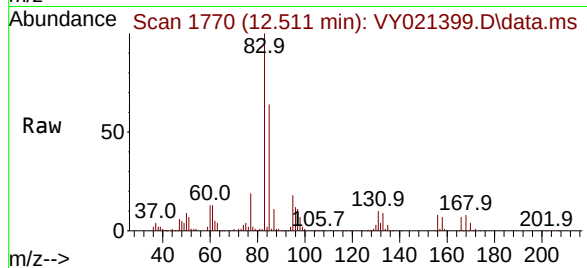
Tgt Ion: 43 Resp: 154403
Ion Ratio Lower Upper
43 100
70 43.2 34.6 51.8
55 26.4 21.1 31.7
61 24.2 19.4 29.0





#75
1,1,2-Tetrachloroethane
Concen: 52.277 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

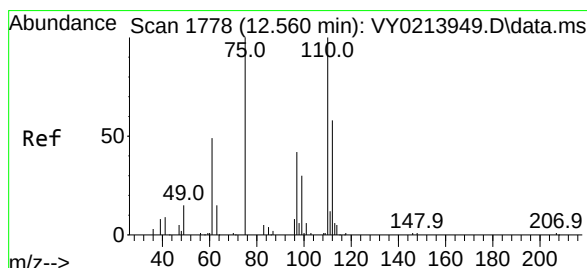
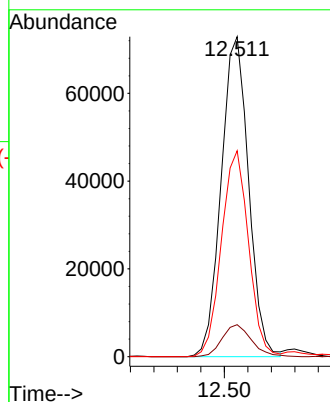
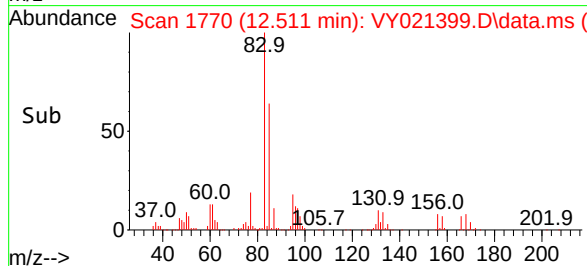
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 11807
Ion Ratio Lower Upper
83 100
131 10.7 5.3 16.1
85 63.7 31.9 95.5

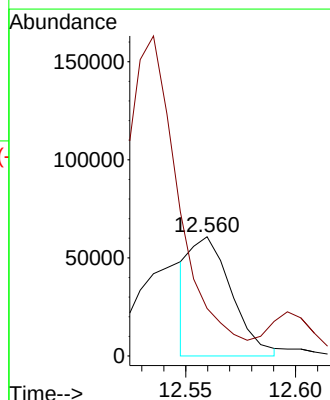
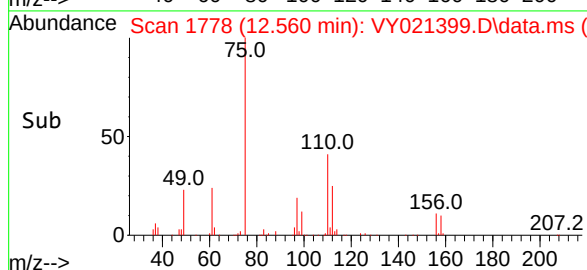
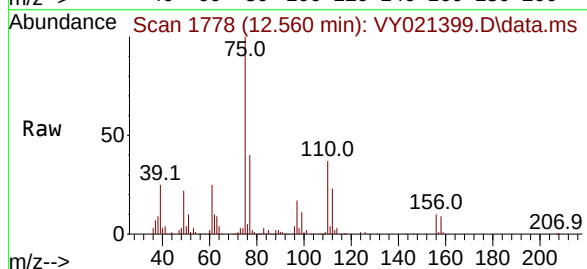
Manual Integrations
APPROVED

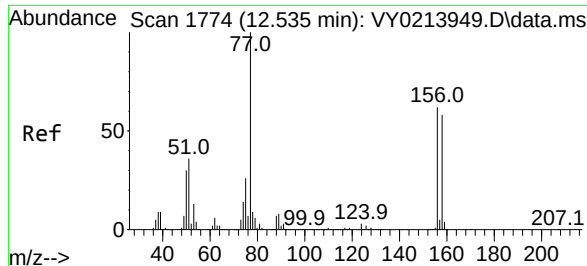
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#76
1,2,3-Trichloropropane
Concen: 48.762 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

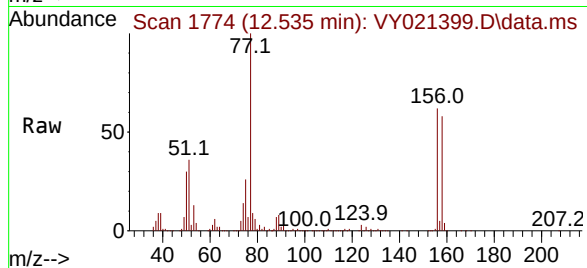
Tgt Ion: 75 Resp: 79840
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.247 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

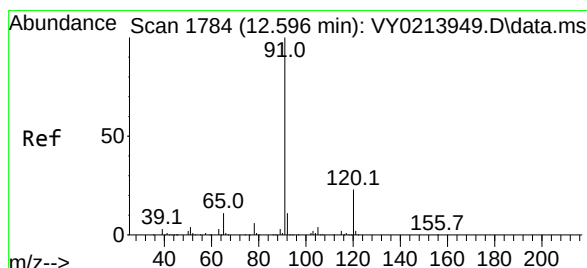
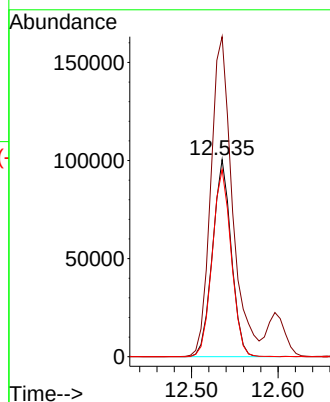
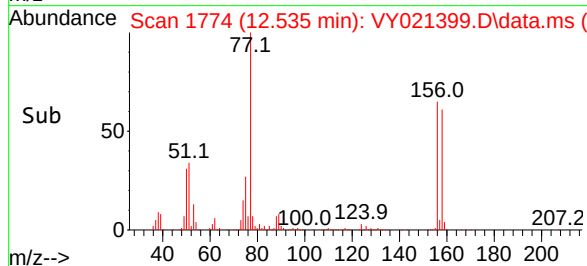
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 156 Resp: 150460
Ion Ratio Lower Upper
156 100
77 187.2 93.6 280.8
158 96.5 48.3 144.8

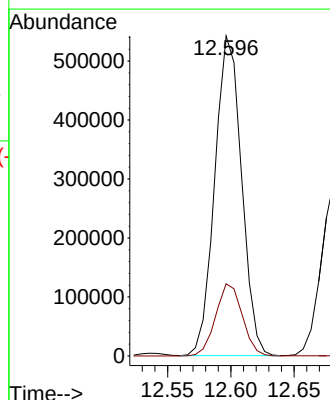
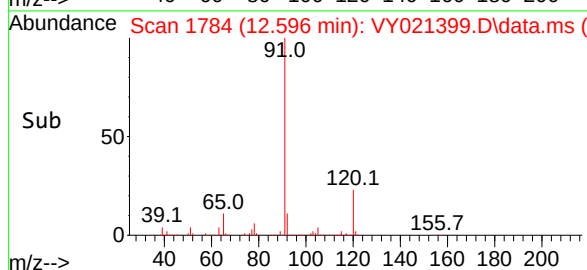
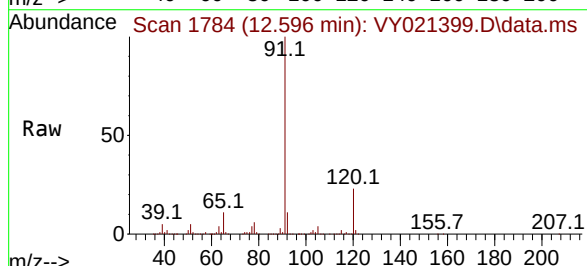
Manual Integrations
APPROVED

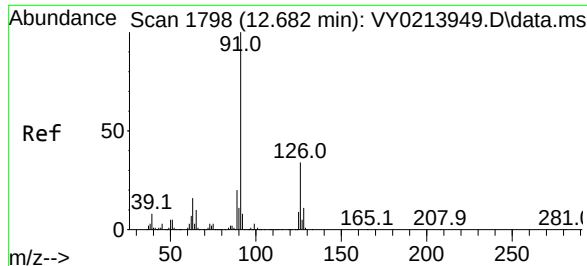
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78
n-propylbenzene
Concen: 51.272 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 91 Resp: 797005
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 50.112 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 445409

Ion Ratio Lower Upper

91 100

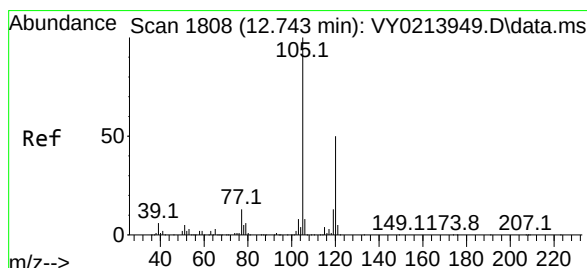
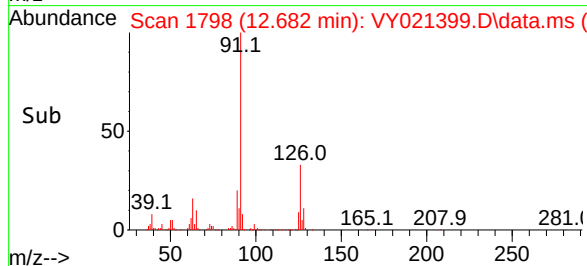
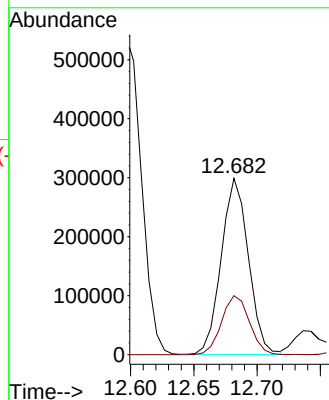
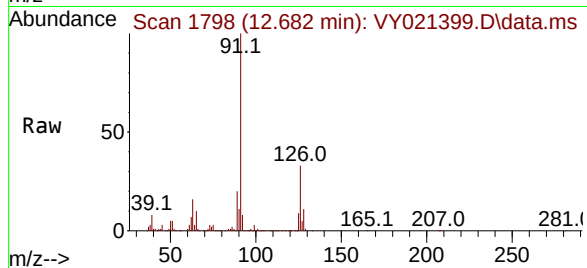
126 34.4 17.2 51.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#80

1,3,5-Trimethylbenzene

Concen: 50.855 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY021399.D

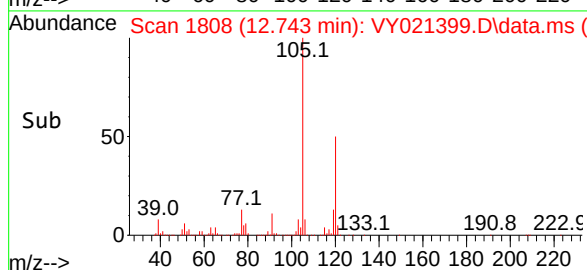
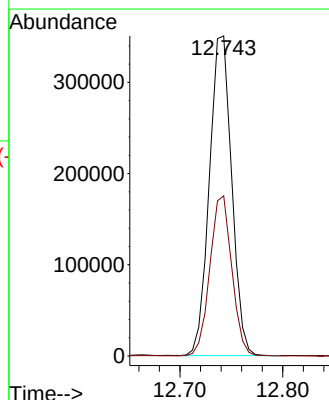
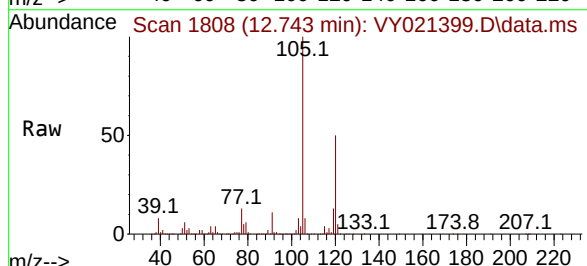
Acq: 04 Mar 2025 10:30

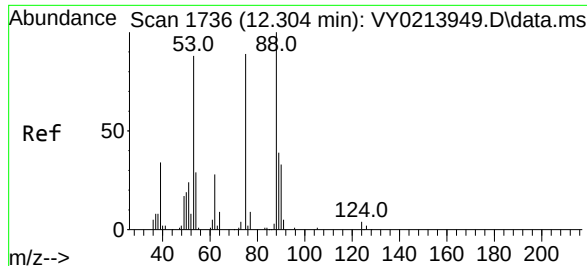
Tgt Ion:105 Resp: 528974

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.6





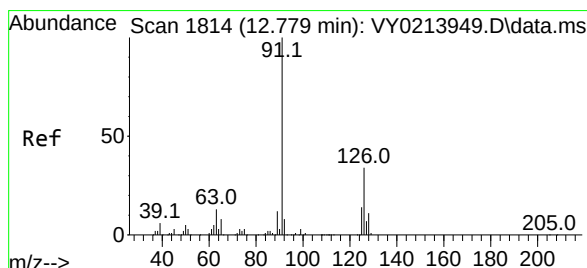
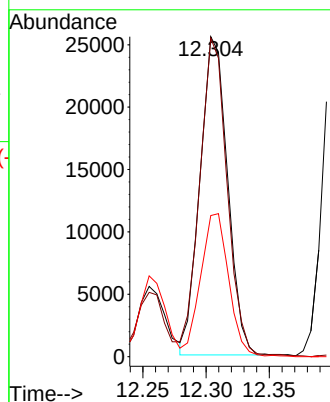
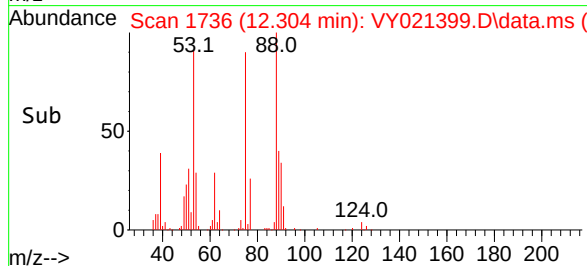
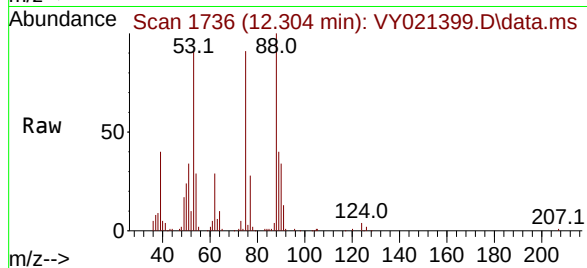
#81
trans-1,4-Dichloro-2-butene
Concen: 53.727 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 3869
Ion Ratio Lower Upper
75 100
53 101.2 81.0 121.4
89 46.1 36.9 55.3

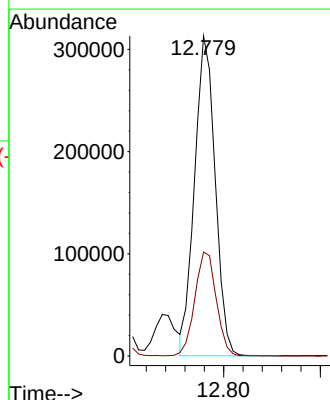
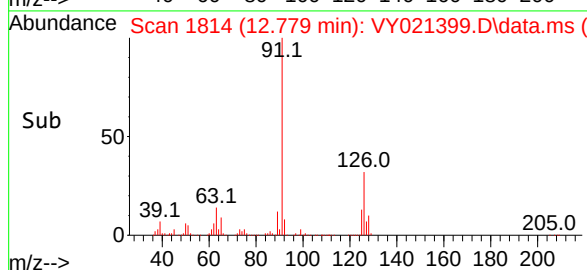
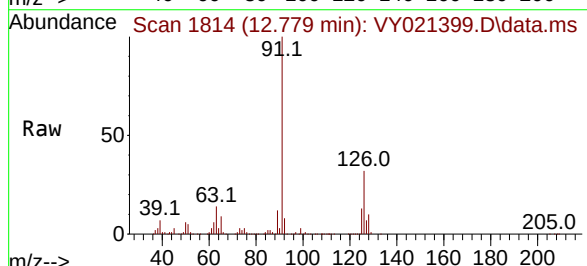
Manual Integrations
APPROVED

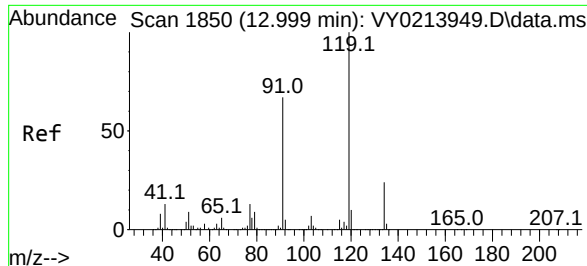
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#82
4-Chlorotoluene
Concen: 50.291 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 91 Resp: 462879
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 51.194 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

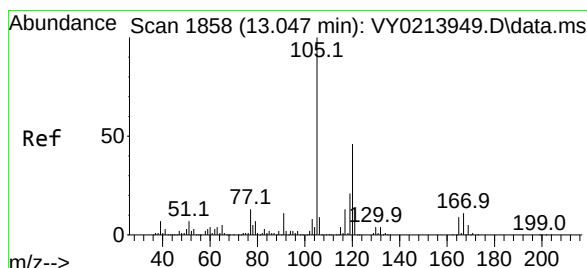
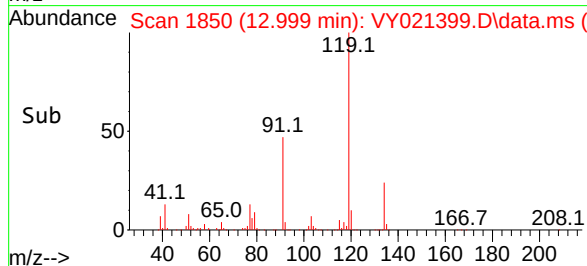
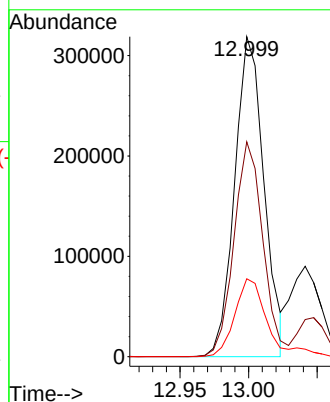
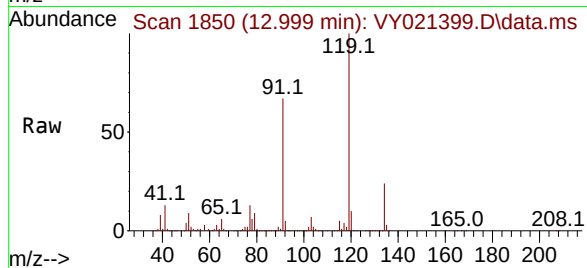
VSTDICCC050

Tgt Ion:	119	Resp:	47504
Ion Ratio	Lower	Upper	
119	100		
91	66.4	33.2	99.6
134	27.0	13.5	40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.505 ug/l

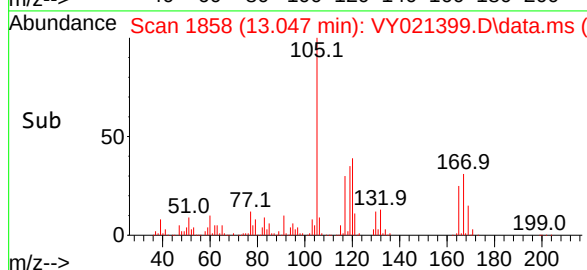
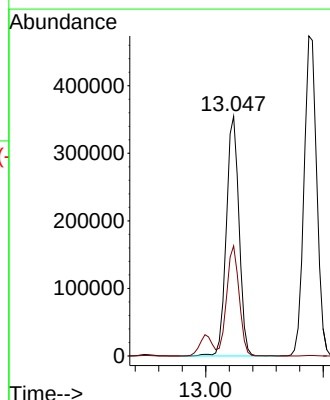
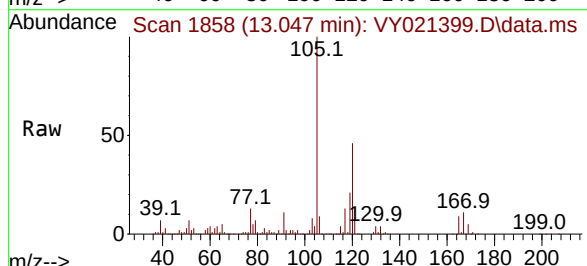
RT: 13.047 min Scan# 1858

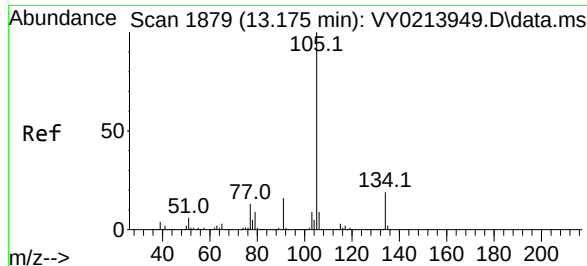
Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Tgt Ion:	105	Resp:	531919
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.7	68.1





#85

sec-Butylbenzene

Concen: 51.284 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 708040

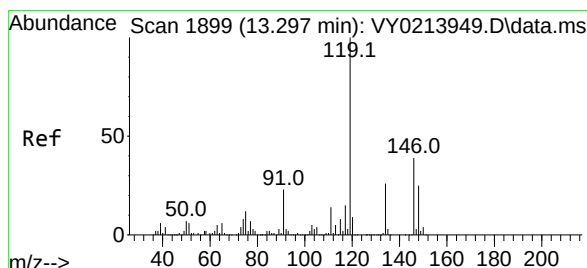
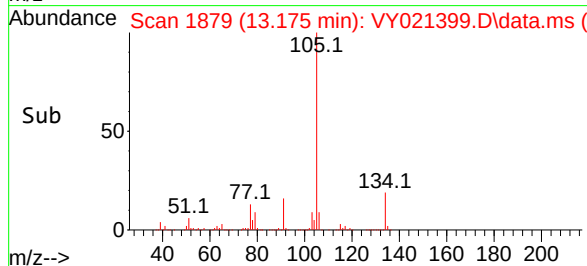
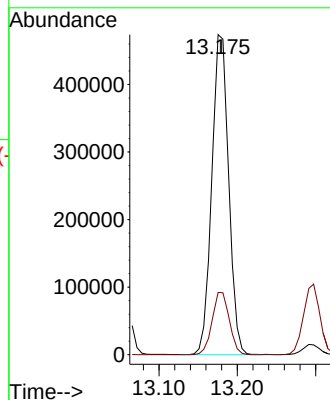
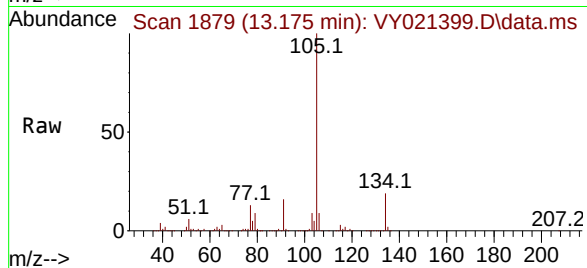
Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#86

p-Isopropyltoluene

Concen: 51.302 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

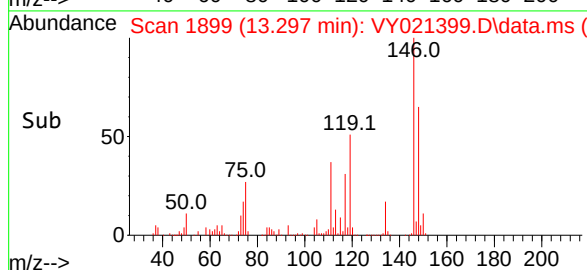
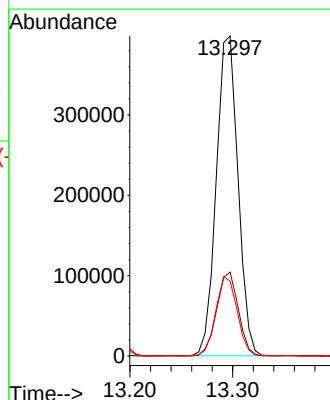
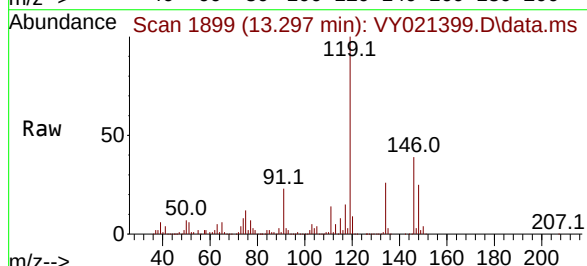
Tgt Ion:119 Resp: 583517

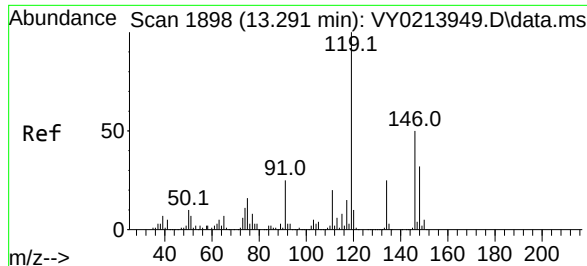
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.4 12.2 36.6





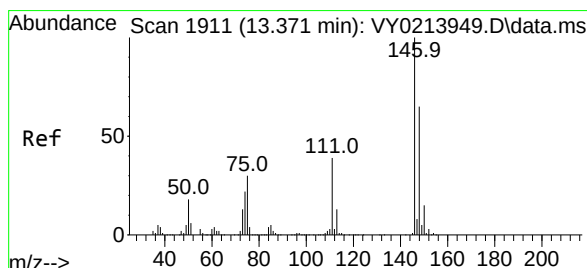
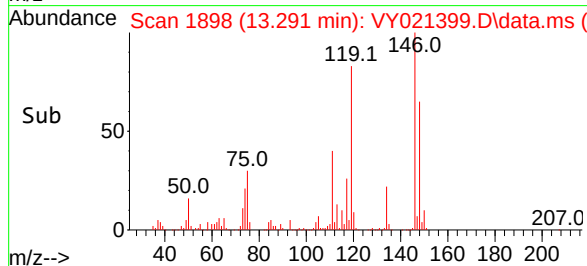
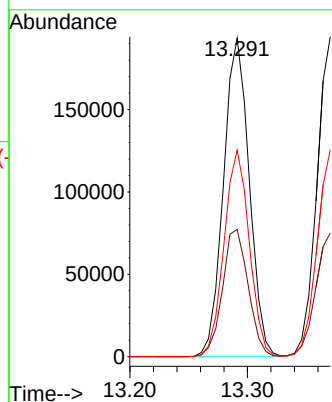
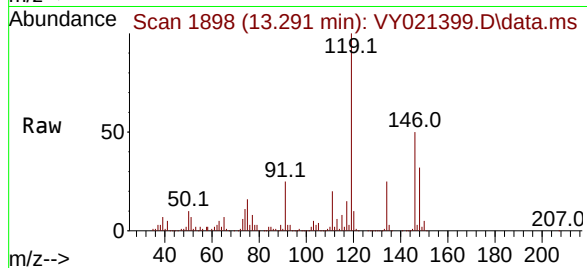
#87
1,3-Dichlorobenzene
Concen: 49.392 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 294400
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 63.5 31.8 95.3

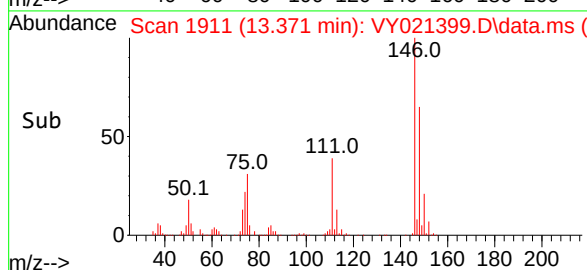
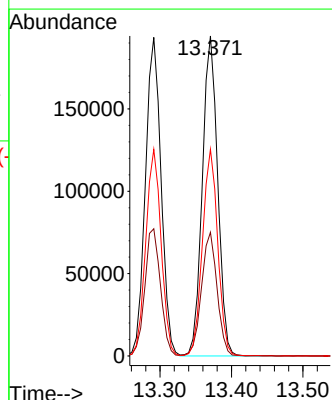
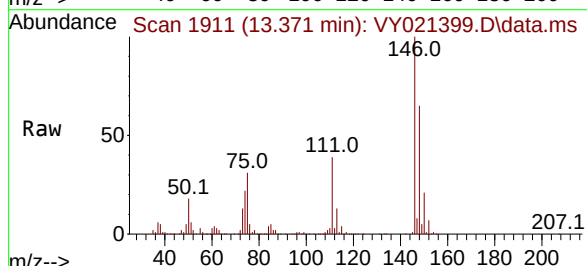
Manual Integrations
APPROVED

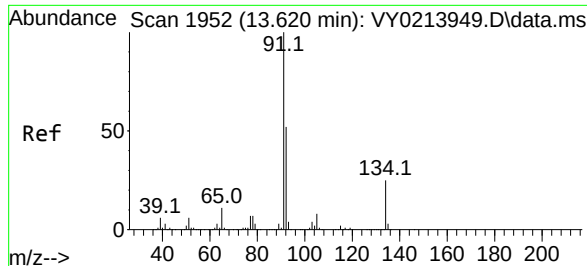
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#88
1,4-Dichlorobenzene
Concen: 49.675 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion:146 Resp: 289572
Ion Ratio Lower Upper
146 100
111 39.2 19.6 58.8
148 64.5 32.3 96.8





#89

n-Butylbenzene

Concen: 52.392 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

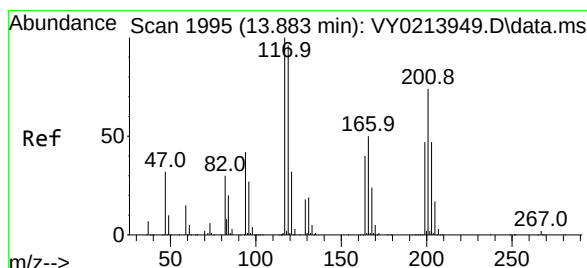
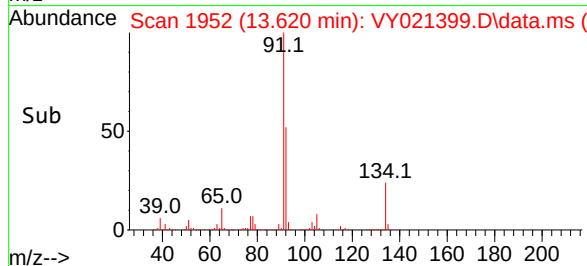
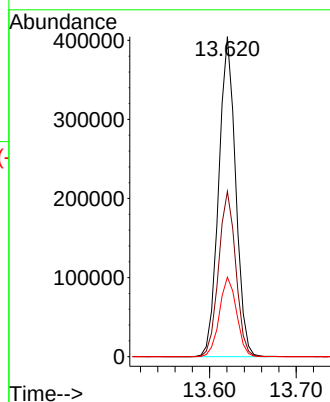
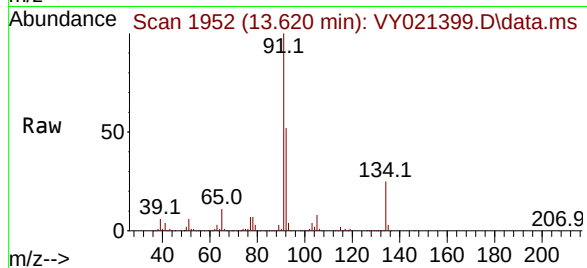
VSTDICCC050

Tgt Ion:	91	Resp:	550274
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.3
134	25.2	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#90

Hexachloroethane

Concen: 48.822 ug/l

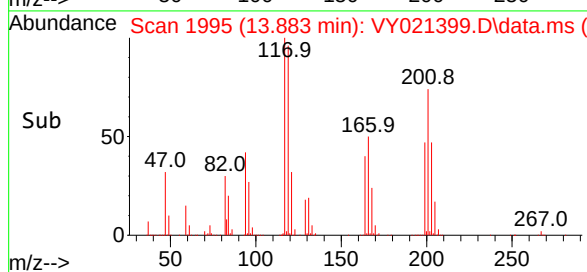
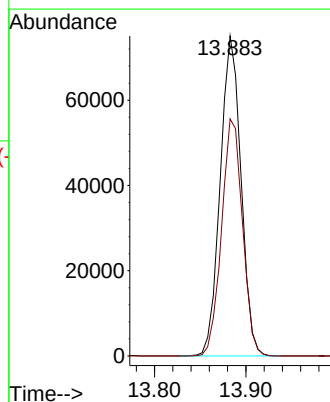
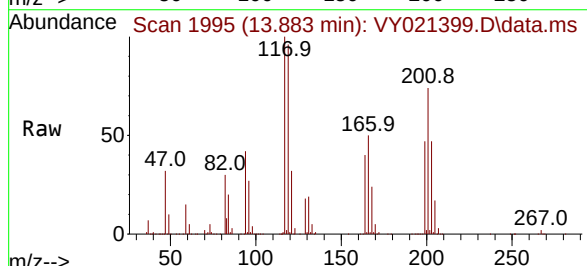
RT: 13.883 min Scan# 1995

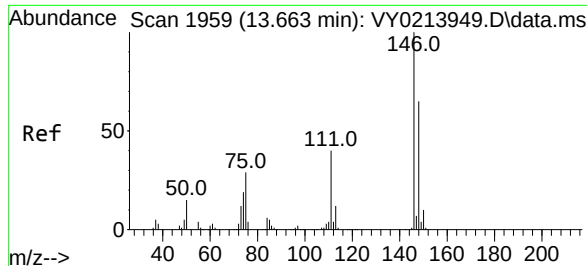
Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Tgt Ion:	117	Resp:	118465
Ion	Ratio	Lower	Upper
117	100		
201	74.8	37.4	112.2





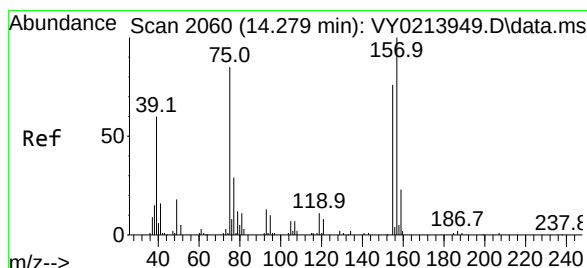
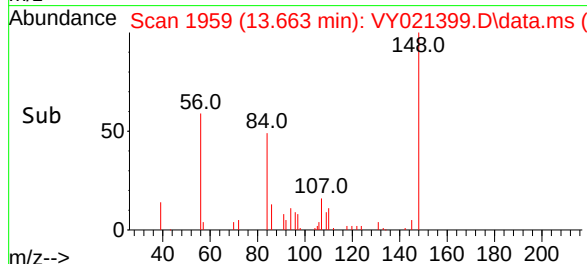
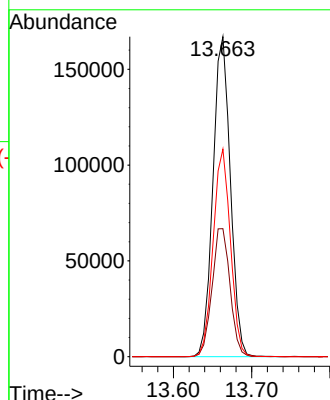
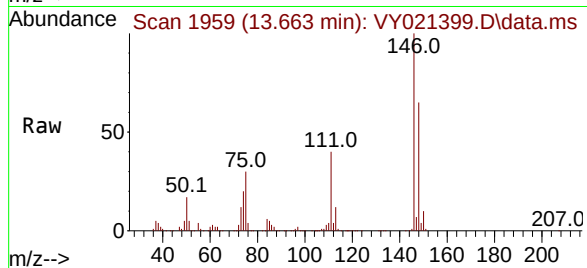
#91
1,2-Dichlorobenzene
Concen: 50.517 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 258078
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 64.3 32.1 96.5

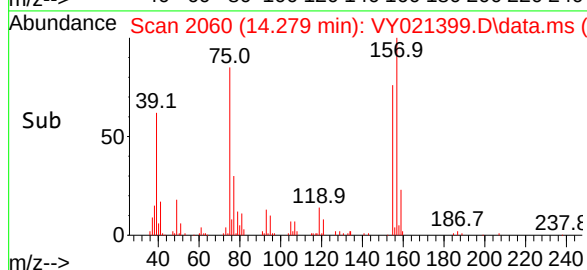
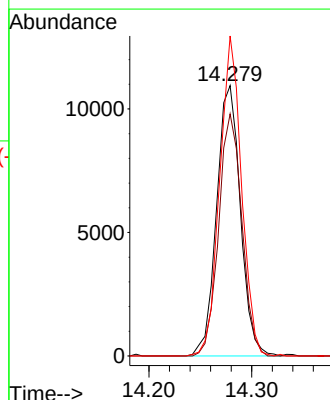
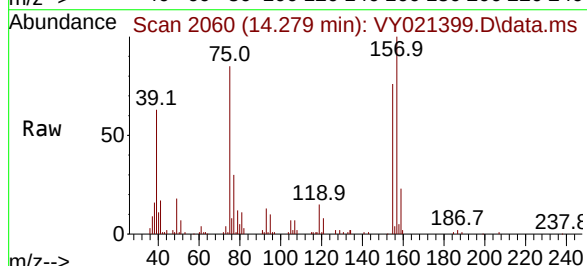
Manual Integrations
APPROVED

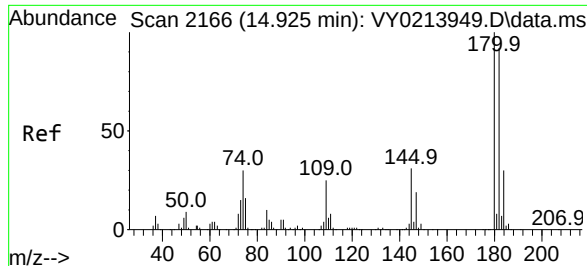
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.924 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021399.D
Acq: 04 Mar 2025 10:30

Tgt Ion: 75 Resp: 17568
Ion Ratio Lower Upper
75 100
155 87.0 43.5 130.5
157 108.8 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 52.891 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 14758

Ion Ratio Lower Upper

180 100

182 93.3 46.7 140.0

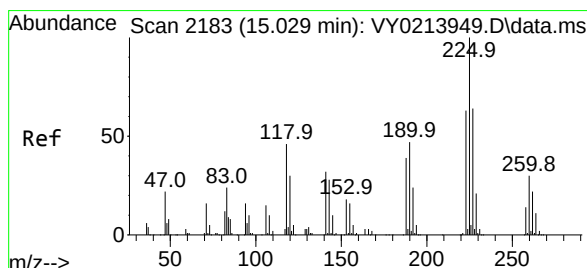
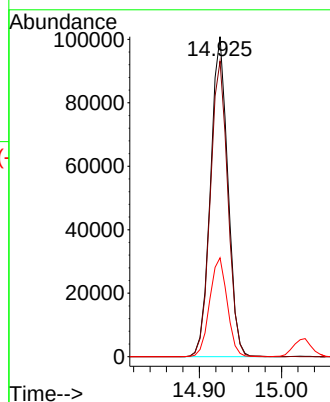
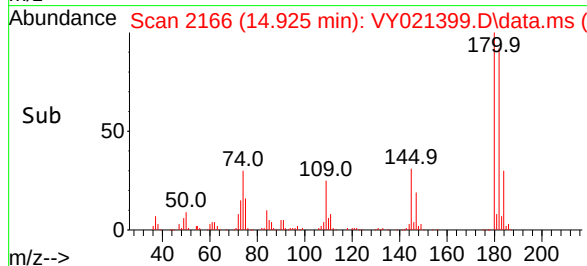
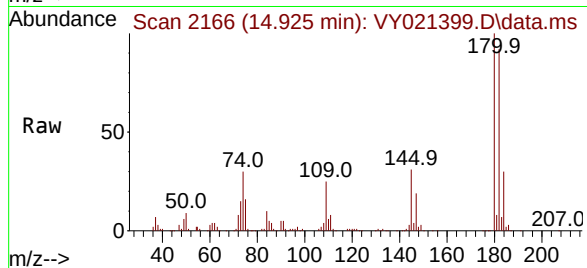
145 31.2 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#94

Hexachlorobutadiene

Concen: 51.220 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

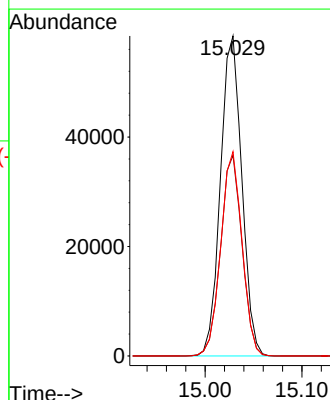
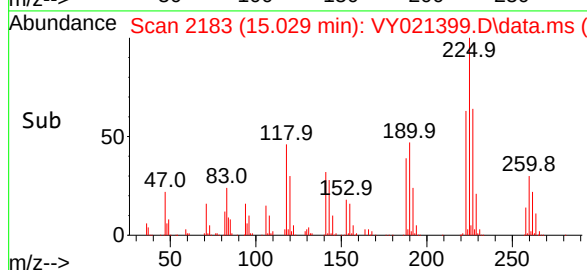
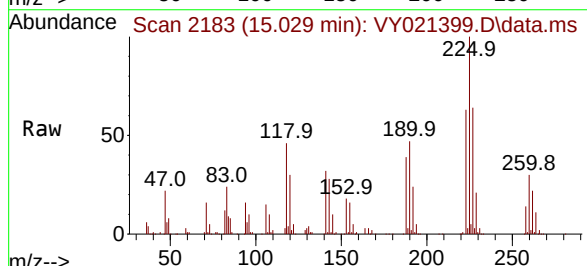
Tgt Ion:225 Resp: 89592

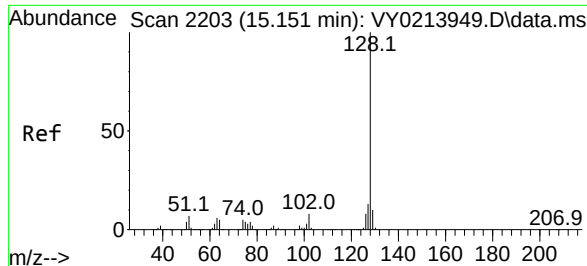
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.2

227 63.6 31.8 95.4





#95

Naphthalene

Concen: 53.894 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:128 Resp: 256660

Ion Ratio Lower Upper

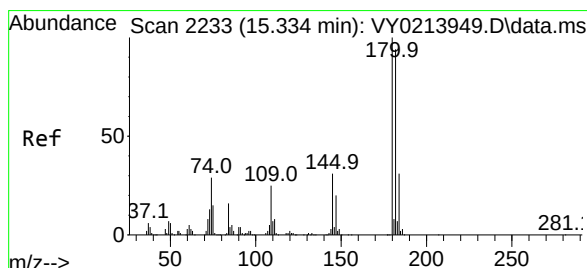
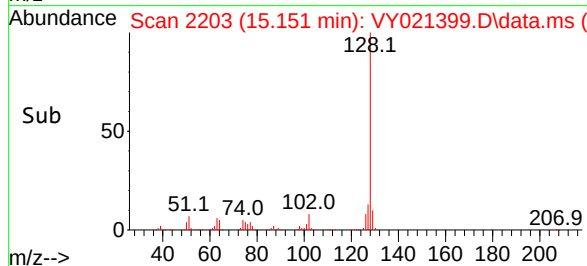
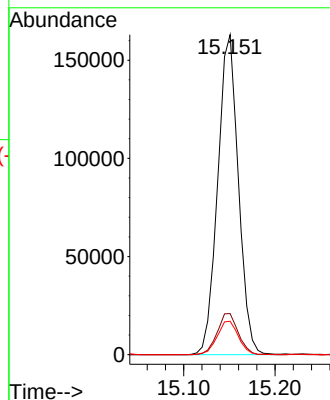
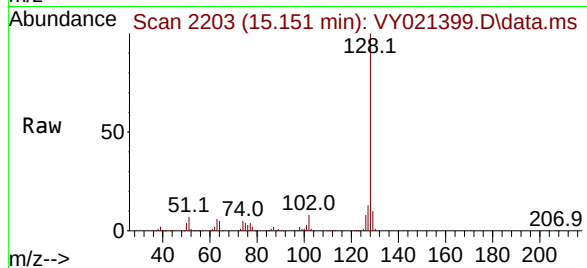
128 100

127 13.2 10.6 15.8

129 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#96

1,2,3-Trichlorobenzene

Concen: 53.673 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021399.D

Acq: 04 Mar 2025 10:30

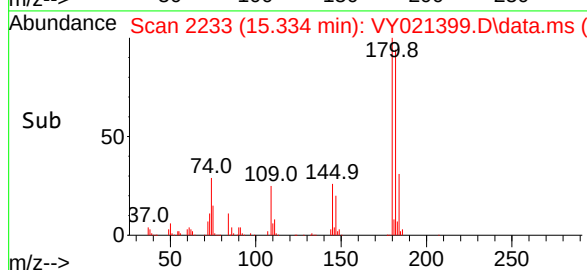
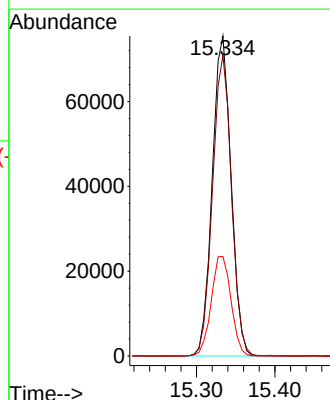
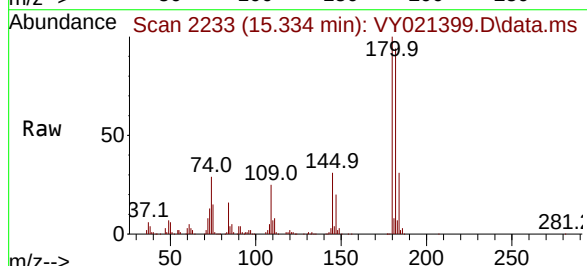
Tgt Ion:180 Resp: 125962

Ion Ratio Lower Upper

180 100

182 94.4 47.2 141.6

145 32.7 16.4 49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021400.D
 Acq On : 04 Mar 2025 11:06
 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 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:00:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	244207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	369748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	325902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	161237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	249506	96.666	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 193.340%#			
35) Dibromofluoromethane	7.640	113	245300	100.930	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 201.860%#			
50) Toluene-d8	10.115	98	953319	103.596	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 207.200%#			
62) 4-Bromofluorobenzene	12.414	95	320008	102.231	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 204.460%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	214851	95.873	ug/l	98
3) Chloromethane	2.074	50	297027	94.011	ug/l	99
4) Vinyl Chloride	2.208	62	344887	99.889	ug/l	98
5) Bromomethane	2.598	94	236127	94.624	ug/l	99
6) Chloroethane	2.739	64	223479	97.944	ug/l	97
7) Trichlorofluoromethane	3.068	101	470472	97.624	ug/l	99
8) Diethyl Ether	3.464	74	129160	96.710	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.824	101	264663	96.189	ug/l	99
10) Methyl Iodide	4.013	142	306871	109.719	ug/l	100
11) Tert butyl alcohol	4.872	59	74090	460.479	ug/l	99
12) 1,1-Dichloroethene	3.799	96	250255	99.762	ug/l	99
13) Acrolein	3.659	56	10283	78.325	ug/l	89
14) Allyl chloride	4.397	41	413704	102.051	ug/l	99
15) Acrylonitrile	5.067	53	271919	478.287	ug/l	98
16) Acetone	3.872	43	252046	447.711	ug/l	94
17) Carbon Disulfide	4.116	76	790255	100.521	ug/l	100
18) Methyl Acetate	4.391	43	119905	95.992	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	634643	99.817	ug/l	100
20) Methylene Chloride	4.628	84	258664	87.531	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	278418	99.104	ug/l	96
22) Diisopropyl ether	6.025	45	878111	100.510	ug/l	97
23) Vinyl Acetate	5.970	43	2520516	505.518	ug/l	100
24) 1,1-Dichloroethane	5.921	63	505607	98.056	ug/l	99
25) 2-Butanone	6.902	43	363091	466.248	ug/l	100
26) 2,2-Dichloropropane	6.890	77	466669	98.362	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	321461	100.724	ug/l	99
28) Bromochloromethane	7.250	49	208133	96.281	ug/l	99
29) Tetrahydrofuran	7.268	42	228343	474.960	ug/l	99
30) Chloroform	7.427	83	520812	97.270	ug/l	97
31) Cyclohexane	7.707	56	460568	95.275	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	480163	97.941	ug/l	100
36) 1,1-Dichloropropene	7.841	75	388384	102.089	ug/l	99
37) Ethyl Acetate	6.994	43	162380	94.621	ug/l	98
38) Carbon Tetrachloride	7.823	117	439762	100.510	ug/l	98
39) Methylcyclohexane	9.115	83	503172	107.827	ug/l	98
40) Benzene	8.085	78	1138841	101.621	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021400.D
 Acq On : 04 Mar 2025 11:06
 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 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:00:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	95564	102.238	ug/l #	88
42) 1,2-Dichloroethane	8.164	62	305782	97.534	ug/l	100
43) Isopropyl Acetate	8.201	43	327171	100.231	ug/l	99
44) Trichloroethene	8.872	130	284312	100.395	ug/l	97
45) 1,2-Dichloropropane	9.146	63	264690	99.238	ug/l	97
46) Dibromomethane	9.237	93	146713	98.859	ug/l	100
47) Bromodichloromethane	9.426	83	395676	100.395	ug/l	99
48) Methyl methacrylate	9.225	41	156771	103.582	ug/l	100
49) 1,4-Dioxane	9.237	88	29902	2052.779	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	850519	504.998	ug/l	100
52) Toluene	10.176	92	737467	104.377	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	365825	105.356	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	428305	103.894	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	191894	98.848	ug/l	99
56) Ethyl methacrylate	10.444	69	271599	109.699	ug/l	98
57) 1,3-Dichloropropane	10.725	76	334146	99.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	600796	525.670	ug/l	100
59) 2-Hexanone	10.768	43	575211	516.516	ug/l	100
60) Dibromochloromethane	10.914	129	268359	100.834	ug/l	100
61) 1,2-Dibromoethane	11.024	107	183206	99.993	ug/l	99
64) Tetrachloroethene	10.652	164	265100	100.033	ug/l	97
65) Chlorobenzene	11.450	112	776963	100.956	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	275635	101.302	ug/l	99
67) Ethyl Benzene	11.524	91	1439764	106.585	ug/l	100
68) m/p-Xylenes	11.633	106	1085642	211.694	ug/l	99
69) o-Xylene	11.962	106	507619	107.399	ug/l	100
70) Styrene	11.975	104	851456	108.590	ug/l	99
71) Bromoform	12.139	173	154505	101.579	ug/l	99
73) Isopropylbenzene	12.261	105	1364499	107.432	ug/l	99
74) N-amyl acetate	12.078	43	298318	108.151	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	215229	96.028	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	157519m	96.949	ug/l	
77) Bromobenzene	12.536	156	301928	101.611	ug/l	99
78) n-propylbenzene	12.603	91	1627111	105.485	ug/l	100
79) 2-Chlorotoluene	12.688	91	910543	103.236	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	1087821	105.392	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	73701	103.120	ug/l	97
82) 4-Chlorotoluene	12.786	91	945021	103.470	ug/l	99
83) tert-Butylbenzene	13.005	119	998366	108.425	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	1081299	105.512	ug/l	99
85) sec-Butylbenzene	13.182	105	1441675	105.232	ug/l	99
86) p-Isopropyltoluene	13.298	119	1212941	107.466	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	593203	100.292	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	575089	99.419	ug/l	99
89) n-Butylbenzene	13.621	91	1139920	109.374	ug/l	99
90) Hexachloroethane	13.889	117	244664	101.612	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	505733	99.761	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	31708	94.443	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	298684	107.869	ug/l	98
94) Hexachlorobutadiene	15.029	225	182747	105.287	ug/l	100
95) Naphthalene	15.151	128	506570	97.607	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	248728	106.805	ug/l	99

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Data File : VY021400.D
Acq On : 04 Mar 2025 11:06
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 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:00:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

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

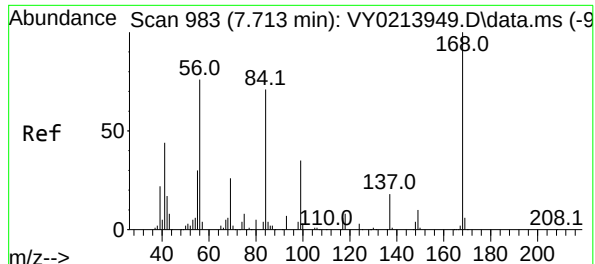
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations

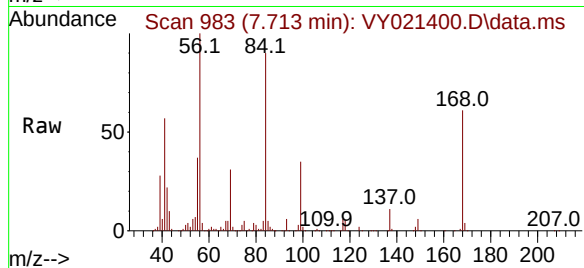
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

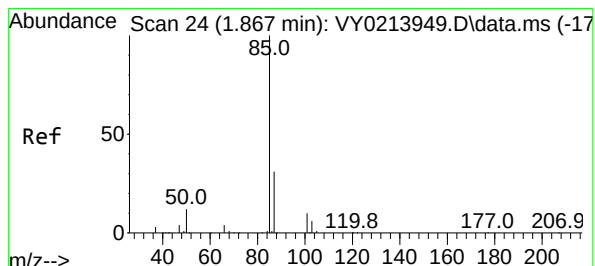
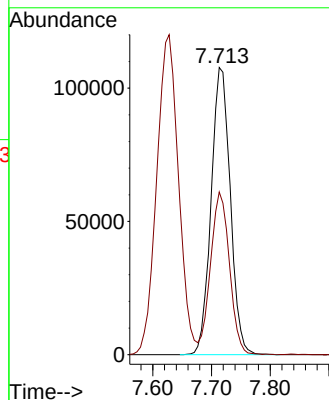
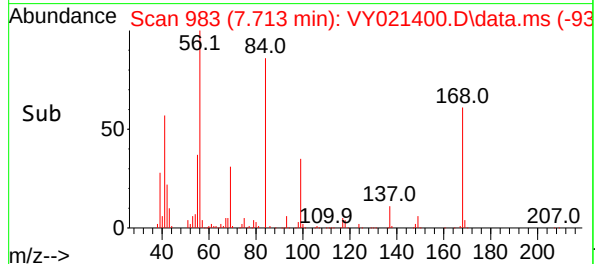
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 24420
Ion Ratio Lower Upper
168 100
99 56.6 46.0 69.0

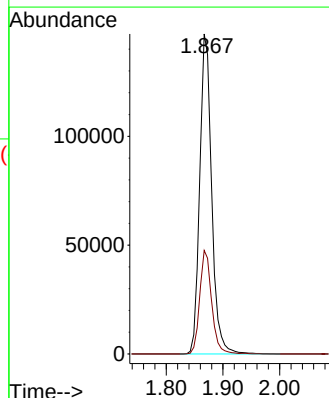
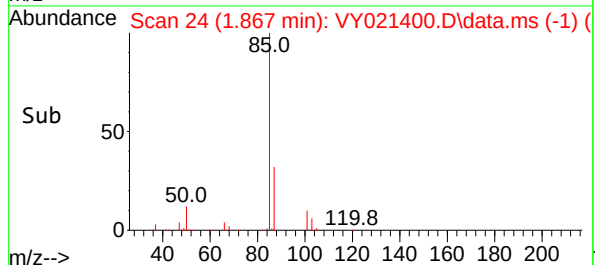
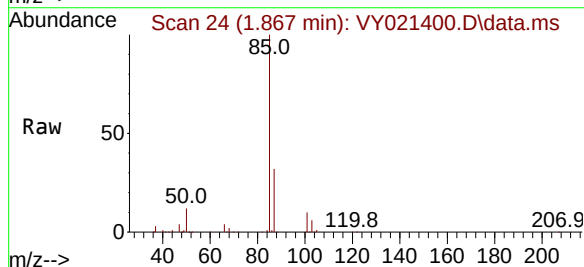
Manual Integrations
APPROVED

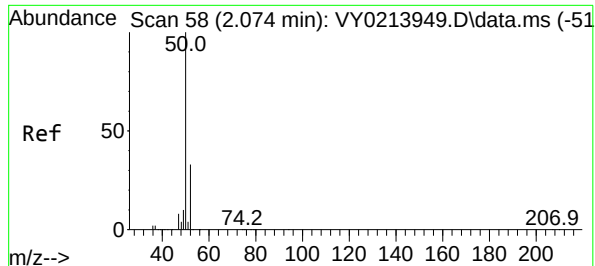
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 95.873 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

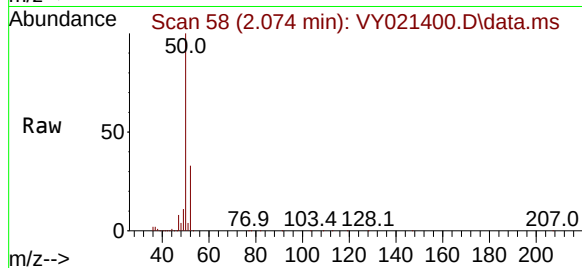
Tgt Ion: 85 Resp: 214851
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.0





#3
Chloromethane
Concen: 94.011 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

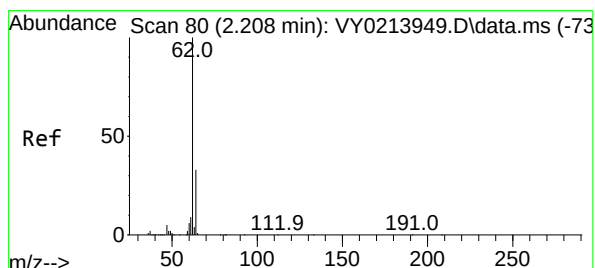
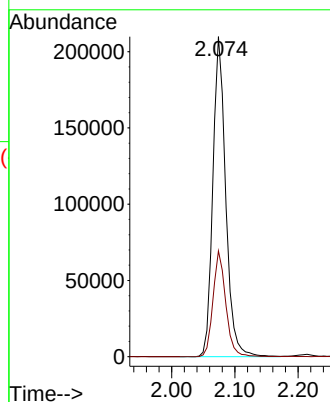
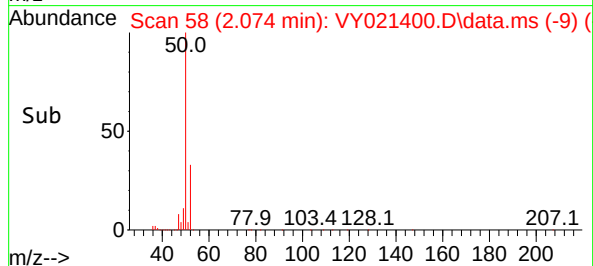
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 29702
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.2

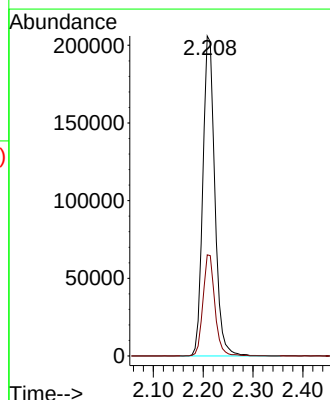
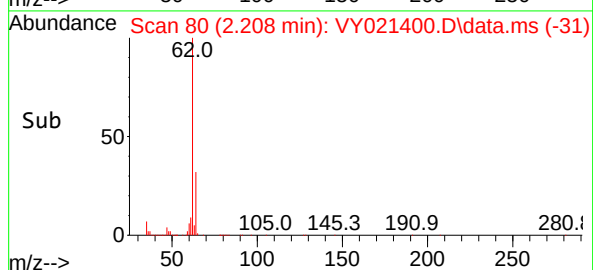
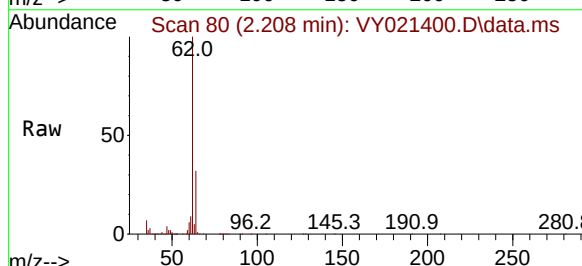
Manual Integrations
APPROVED

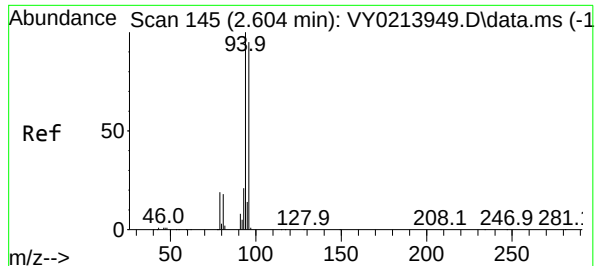
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#4
Vinyl Chloride
Concen: 99.889 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

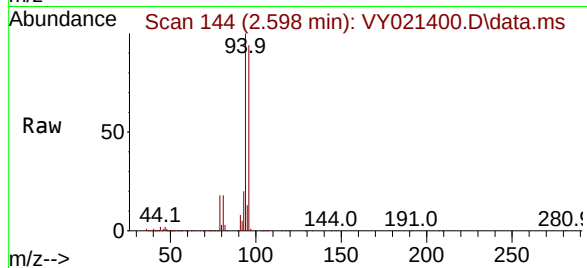
Tgt Ion: 62 Resp: 344887
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2





#5
Bromomethane
Concen: 94.624 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

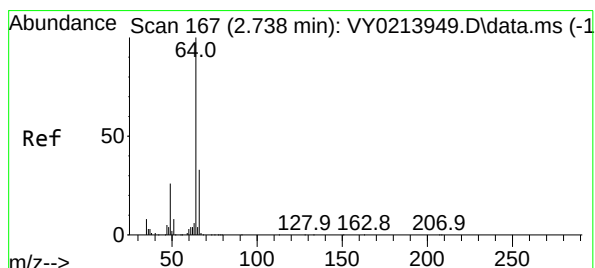
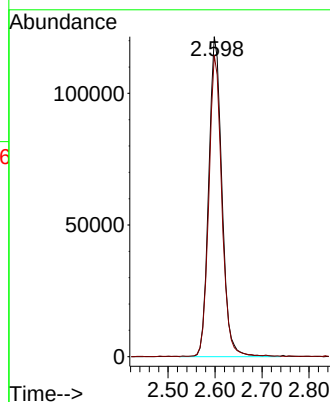
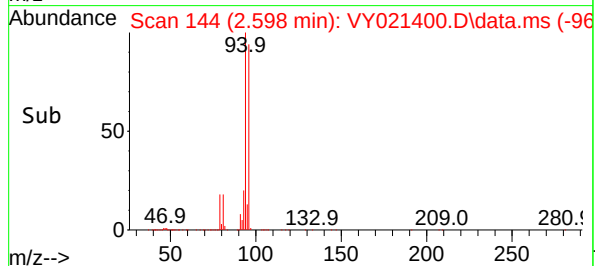
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 94 Resp: 23612
Ion Ratio Lower Upper
94 100
96 94.0 76.3 114.5

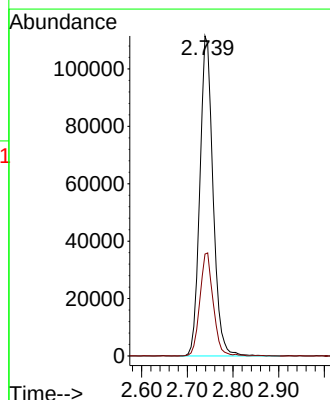
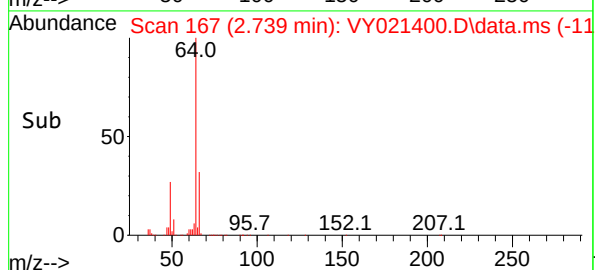
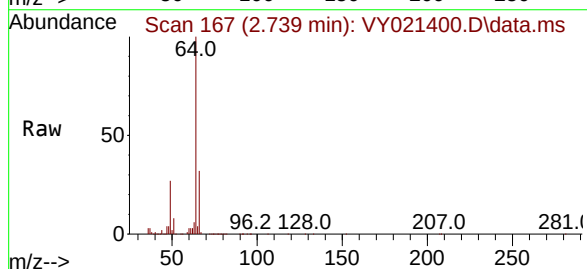
Manual Integrations
APPROVED

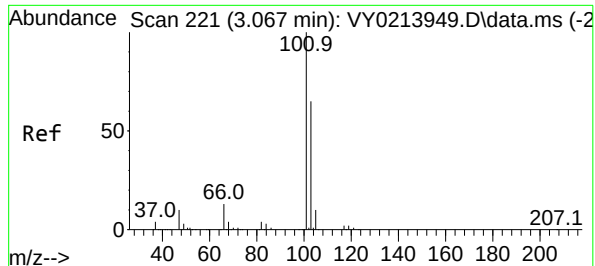
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#6
Chloroethane
Concen: 97.944 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

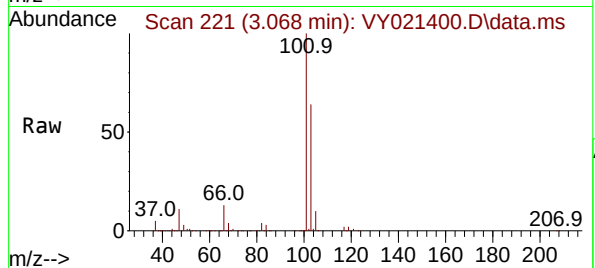
Tgt Ion: 64 Resp: 223479
Ion Ratio Lower Upper
64 100
66 31.8 26.7 40.1





#7
Trichlorofluoromethane
Concen: 97.624 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

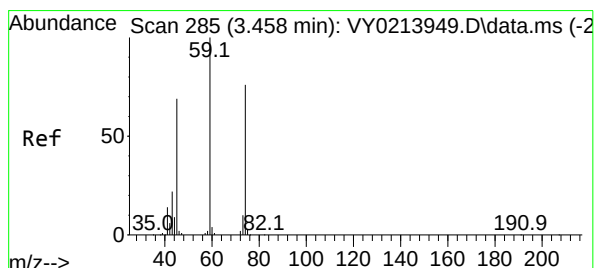
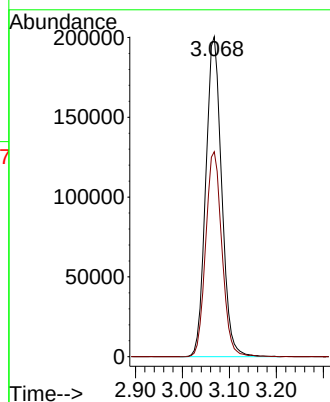
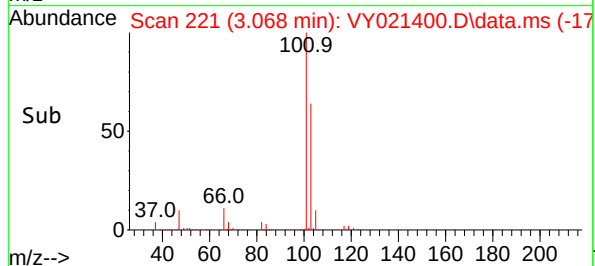
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



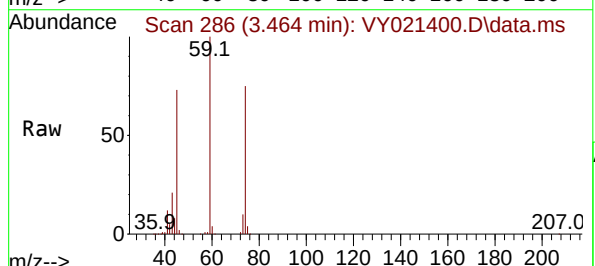
Tgt Ion:101 Resp: 470472
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5

Manual Integrations
APPROVED

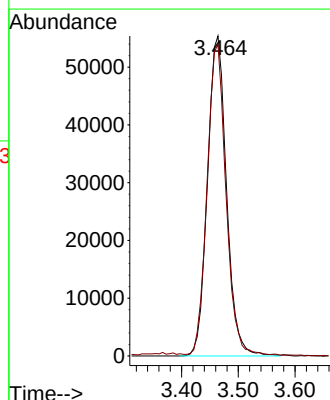
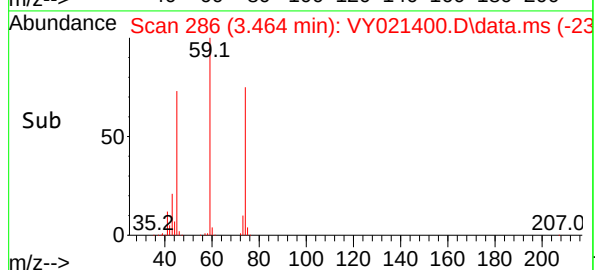
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

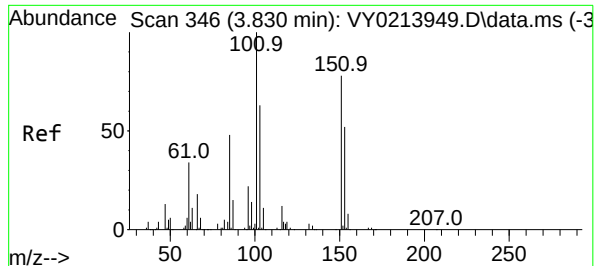


#8
Diethyl Ether
Concen: 96.710 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06



Tgt Ion: 74 Resp: 129160
Ion Ratio Lower Upper
74 100
45 95.8 49.7 149.1





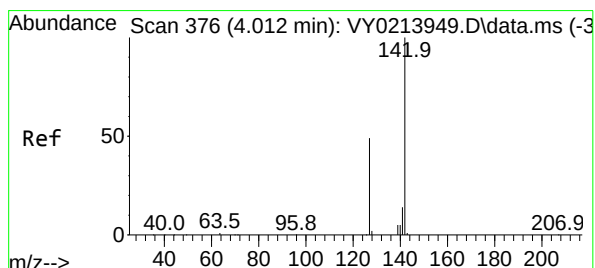
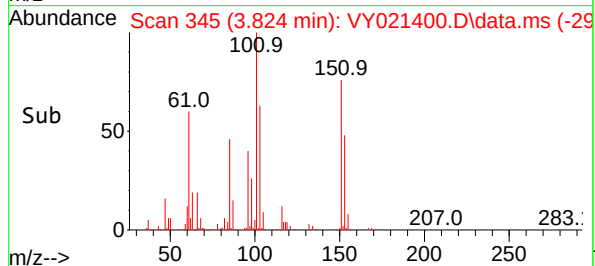
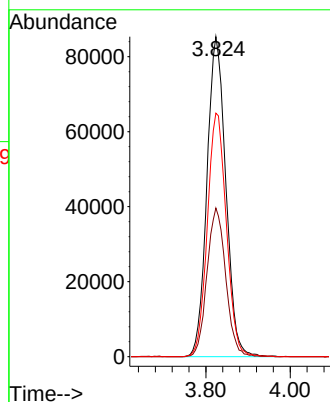
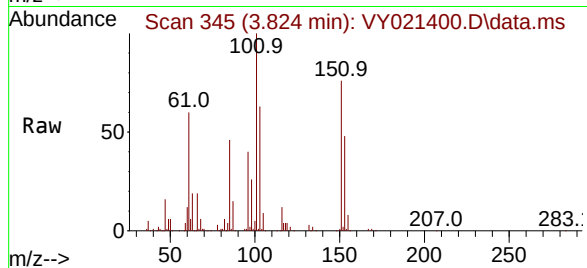
#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.189 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 26466
Ion Ratio Lower Upper
101 100
85 46.2 37.1 55.7
151 76.9 62.1 93.1

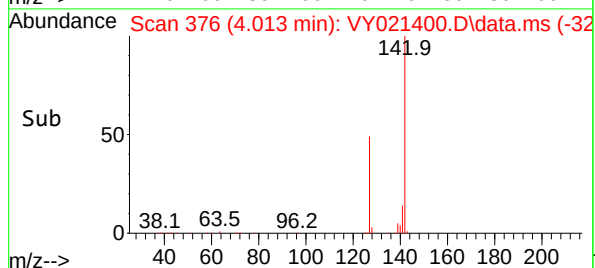
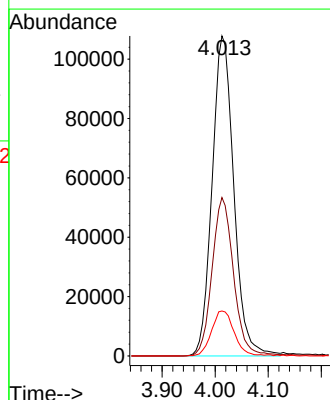
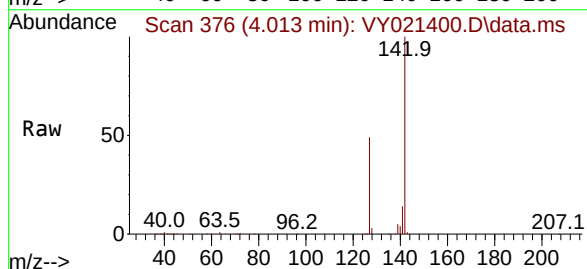
Manual Integrations
APPROVED

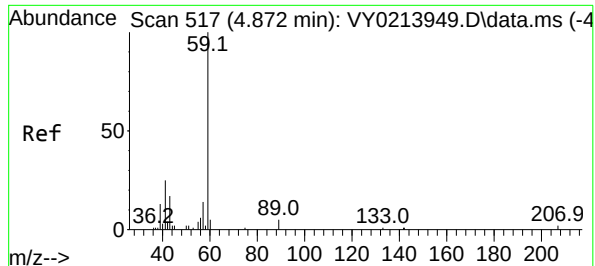
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 109.719 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion:142 Resp: 306871
Ion Ratio Lower Upper
142 100
127 49.0 39.1 58.7
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 460.479 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 59 Resp: 74090

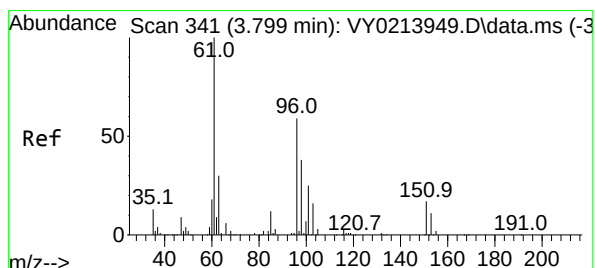
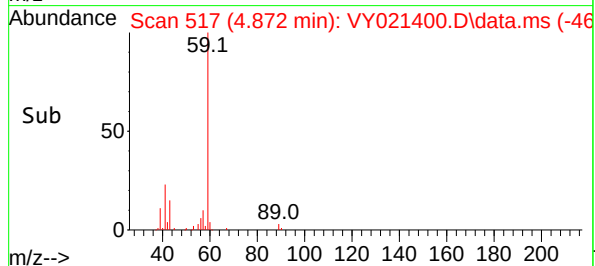
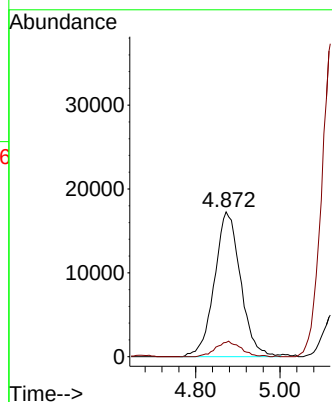
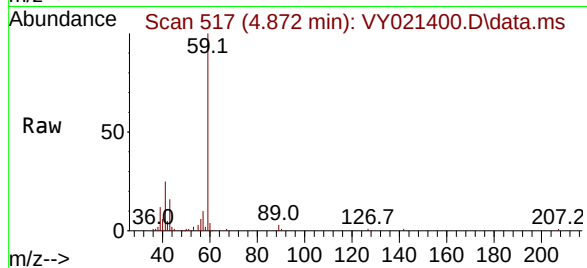
Ion Ratio Lower Upper

59 100

57 10.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#12

1,1-Dichloroethene

Concen: 99.762 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

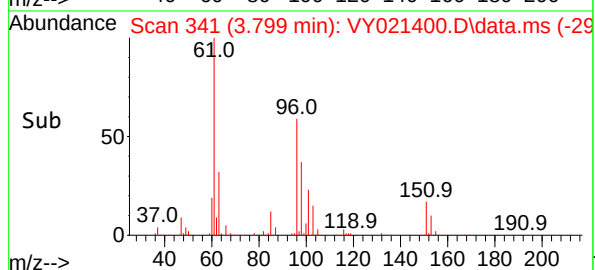
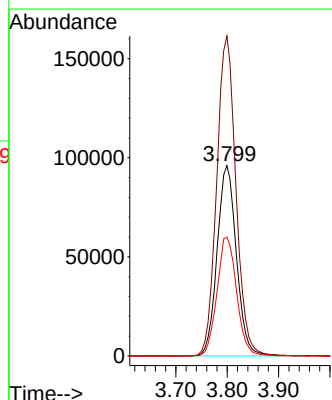
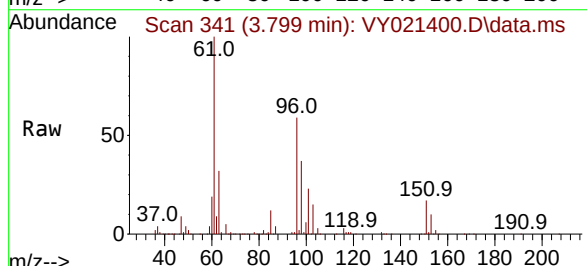
Tgt Ion: 96 Resp: 250255

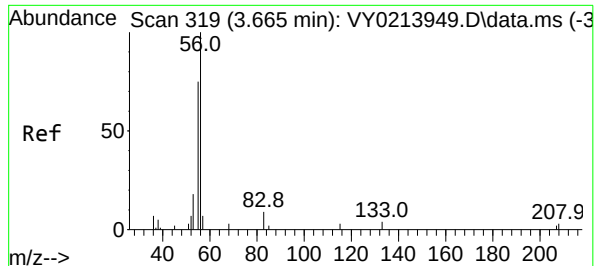
Ion Ratio Lower Upper

96 100

61 168.1 135.2 202.8

98 62.4 51.4 77.2





#13

Acrolein

Concen: 78.325 ug/l

RT: 3.659 min Scan# 319

Delta R.T. -0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Tgt Ion: 56 Resp: 1028

Ion Ratio Lower Upper

56 100

55 69.8 63.4 95.2

Instrument :

MSVOA_Y

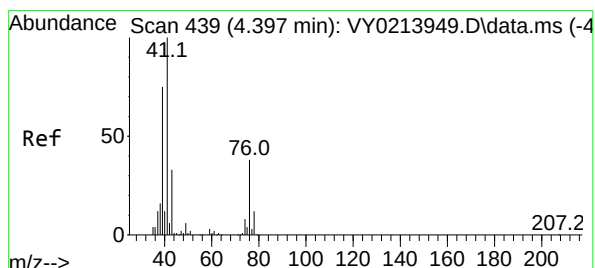
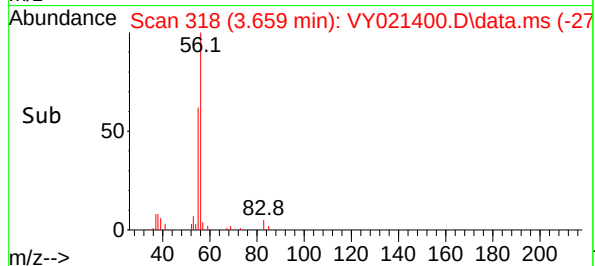
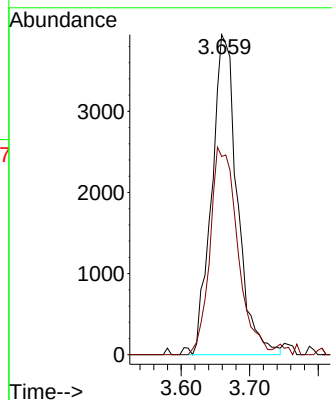
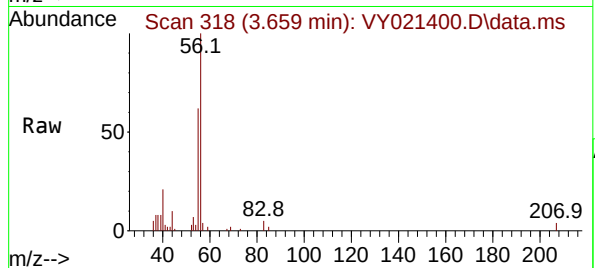
ClientSampleId :

VSTDICC100

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#14

Allyl chloride

Concen: 102.051 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

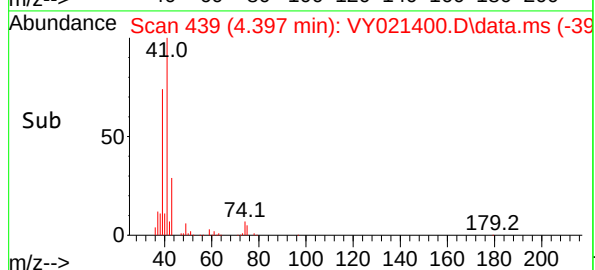
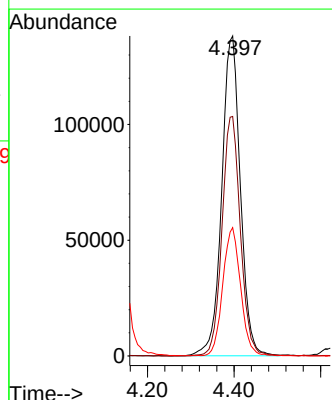
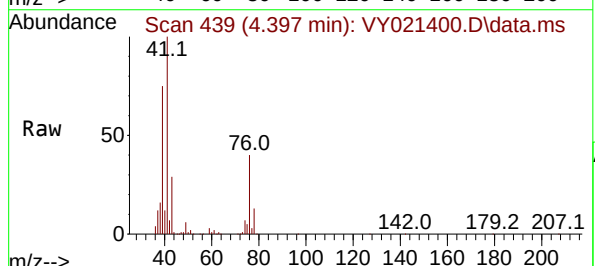
Tgt Ion: 41 Resp: 413704

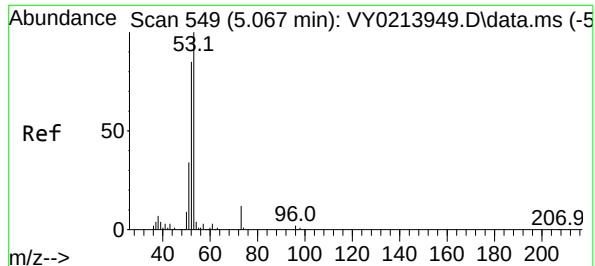
Ion Ratio Lower Upper

41 100

39 74.0 59.3 88.9

76 38.3 29.8 44.8





#15

Acrylonitrile

Concen: 478.287 ug/l

RT: 5.067 min Scan# 549

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 53 Resp: 271919

Ion Ratio Lower Upper

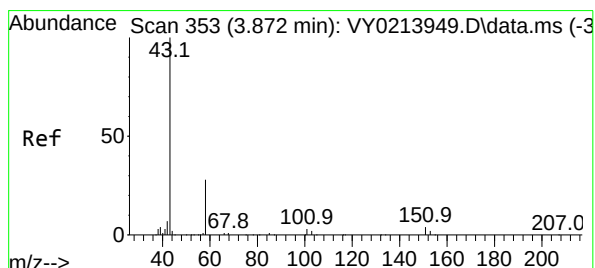
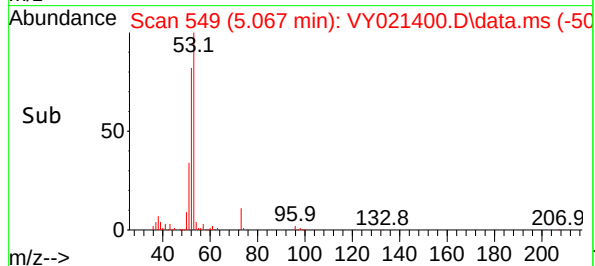
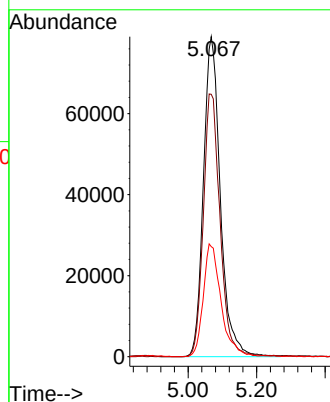
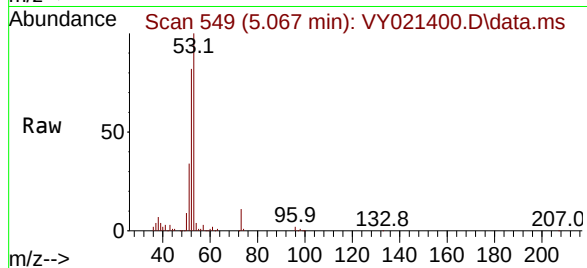
53 100

52 81.1 66.3 99.5

51 37.0 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#16

Acetone

Concen: 447.711 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY021400.D

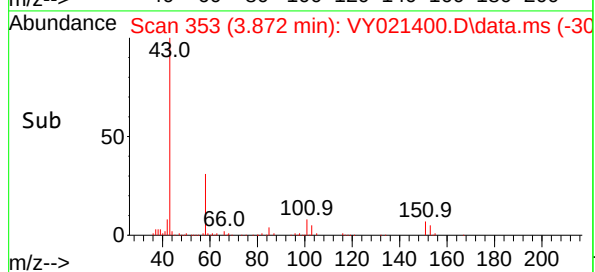
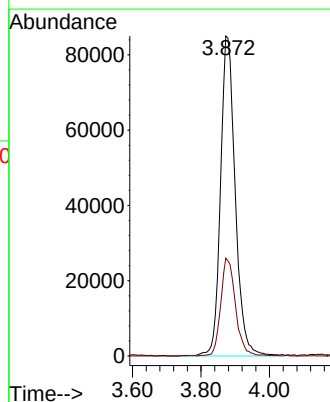
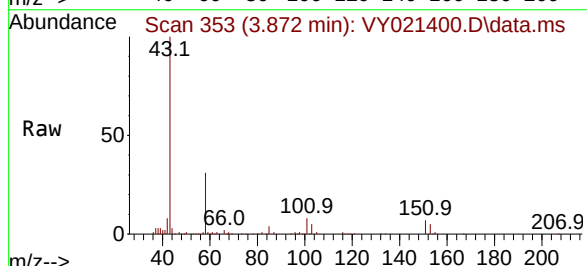
Acq: 04 Mar 2025 11:06

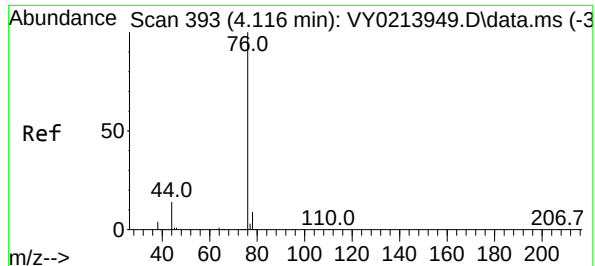
Tgt Ion: 43 Resp: 252046

Ion Ratio Lower Upper

43 100

58 30.5 22.1 33.1





#17

Carbon Disulfide

Concen: 100.521 ug/l

RT: 4.116 min Scan# 393

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 79025

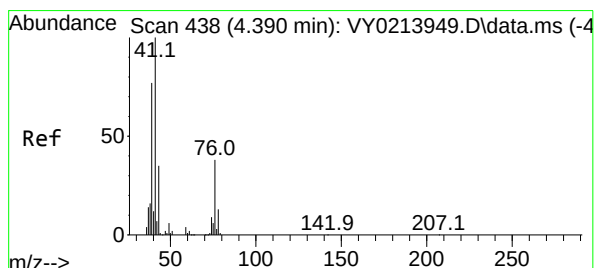
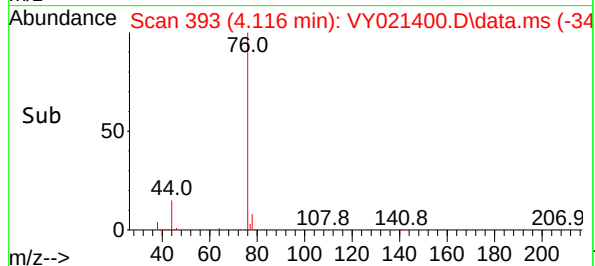
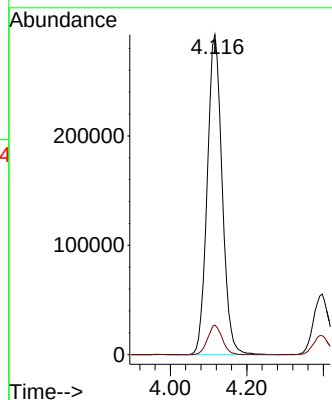
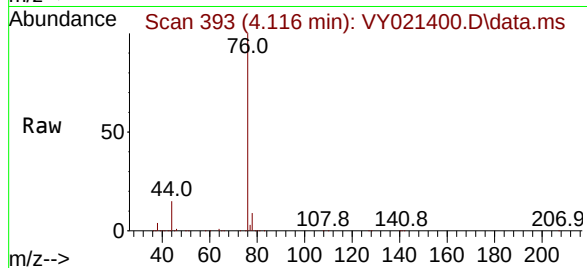
Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#18

Methyl Acetate

Concen: 95.992 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY021400.D

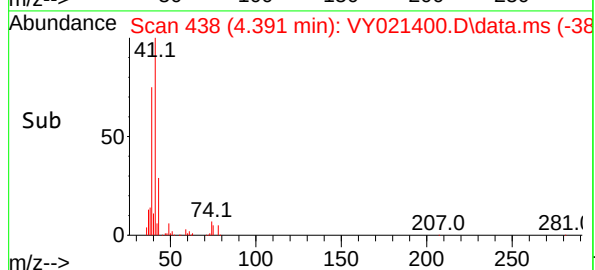
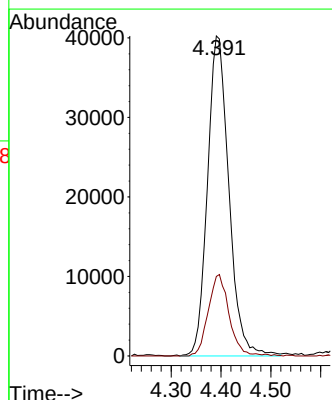
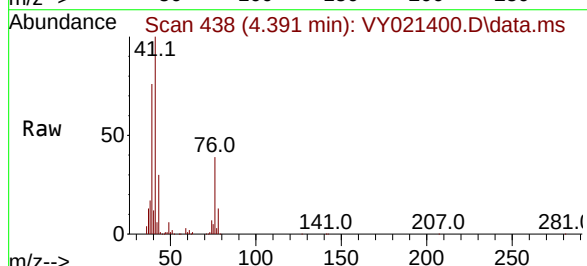
Acq: 04 Mar 2025 11:06

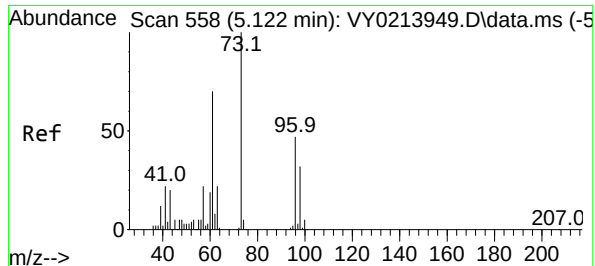
Tgt Ion: 43 Resp: 119905

Ion Ratio Lower Upper

43 100

74 24.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 99.817 ug/l

RT: 5.122 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 73 Resp: 63464

Ion Ratio Lower Upper

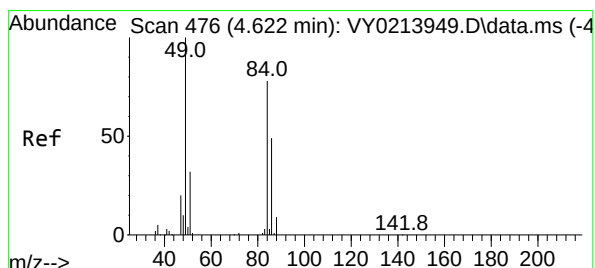
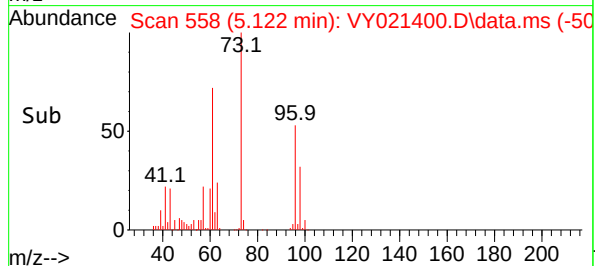
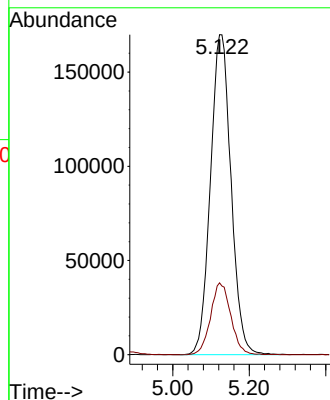
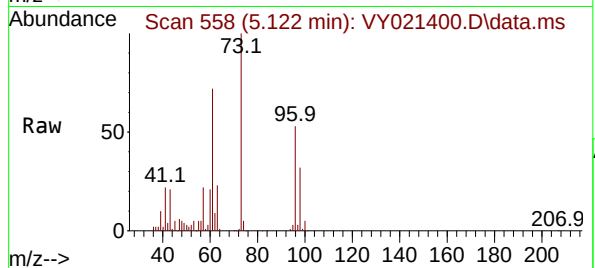
73 100

57 22.5 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#20

Methylene Chloride

Concen: 87.531 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Tgt Ion: 84 Resp: 258664

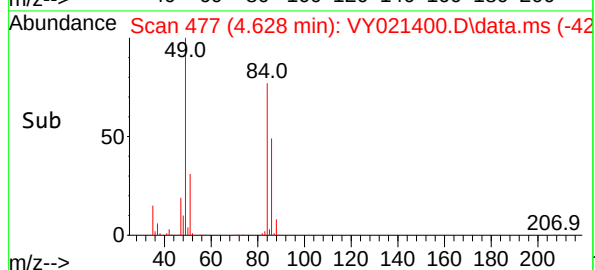
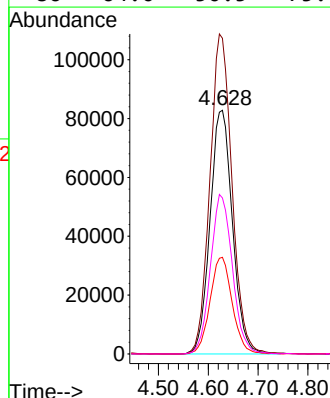
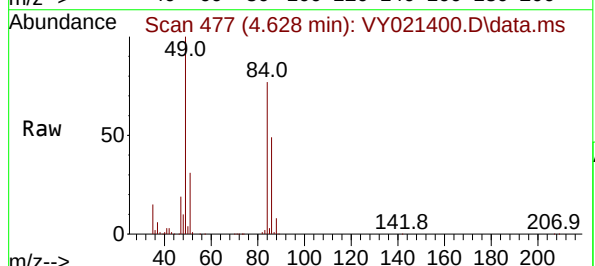
Ion Ratio Lower Upper

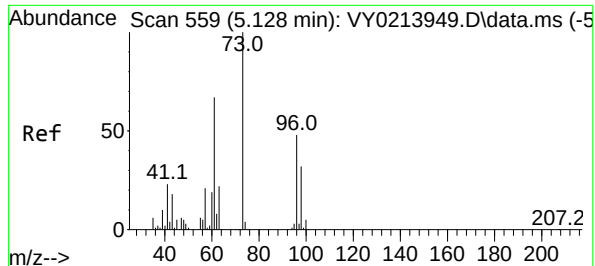
84 100

49 129.5 102.0 153.0

51 39.6 33.0 49.6

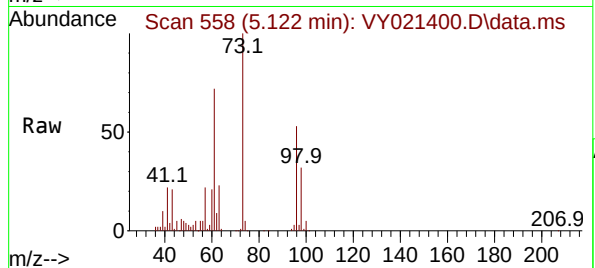
86 64.0 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 99.104 ug/l
RT: 5.122 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

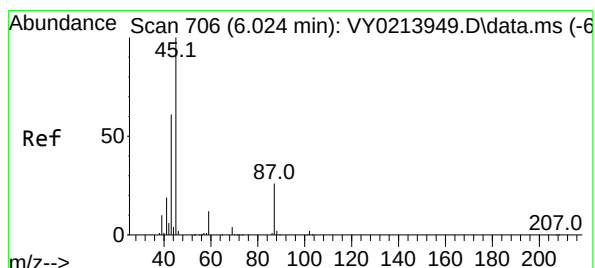
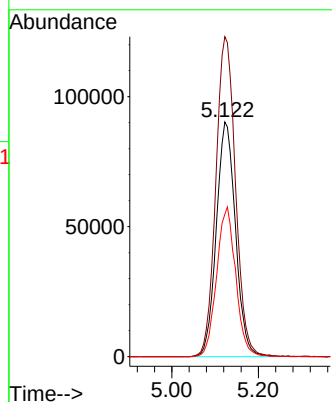
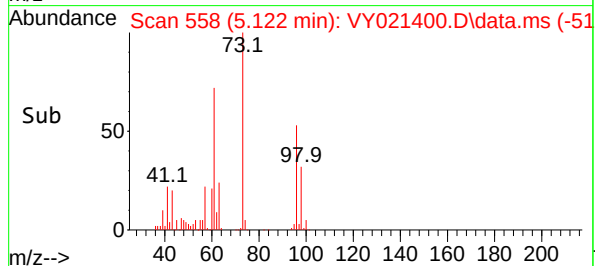
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 278418
Ion Ratio Lower Upper
96 100
61 136.3 111.5 167.3
98 60.6 53.8 80.8

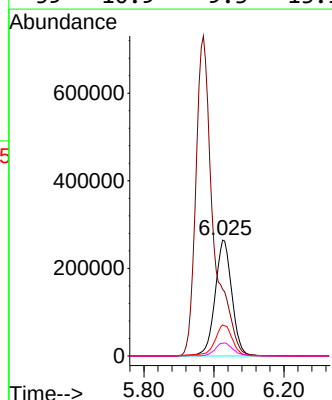
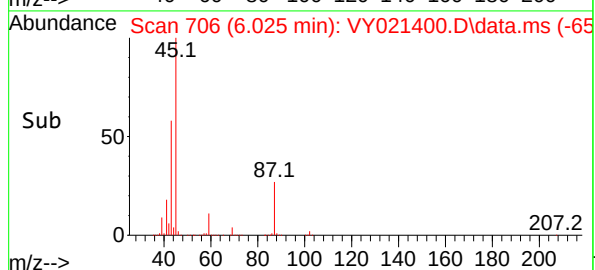
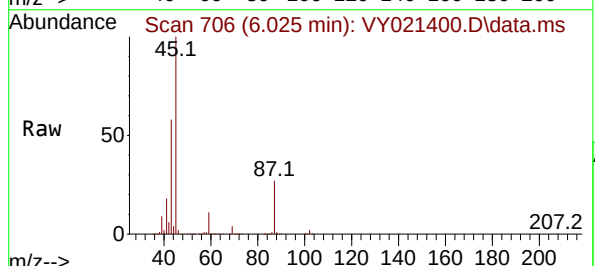
Manual Integrations
APPROVED

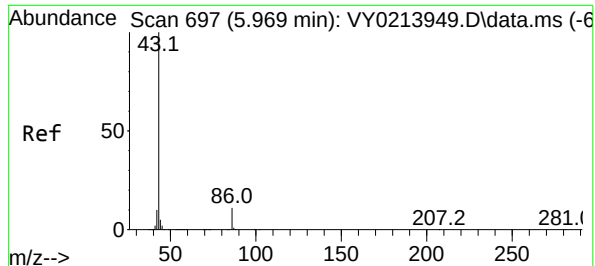
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 100.510 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 45 Resp: 878111
Ion Ratio Lower Upper
45 100
43 57.4 48.7 73.1
87 26.8 21.5 32.3
59 10.9 9.3 13.9





#23

Vinyl Acetate

Concen: 505.518 ug/l

RT: 5.970 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 2520510

Ion Ratio Lower Upper

43

100

86

10.6

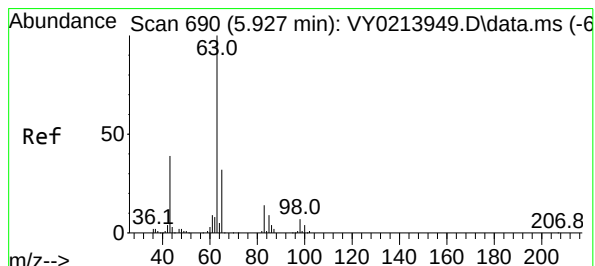
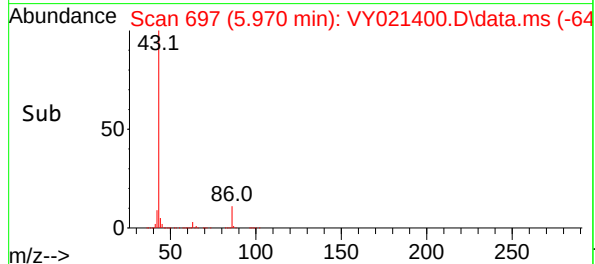
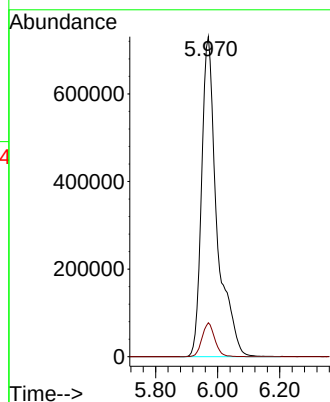
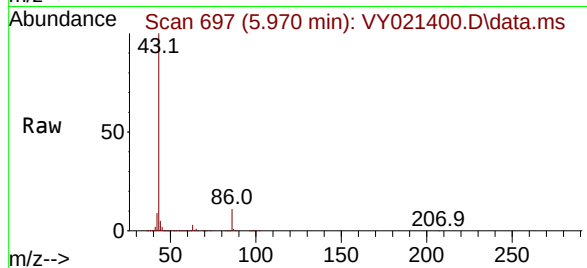
8.5

12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#24

1,1-Dichloroethane

Concen: 98.056 ug/l

RT: 5.921 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Tgt Ion: 63 Resp: 505607

Ion Ratio Lower Upper

63

100

98

6.3

3.3

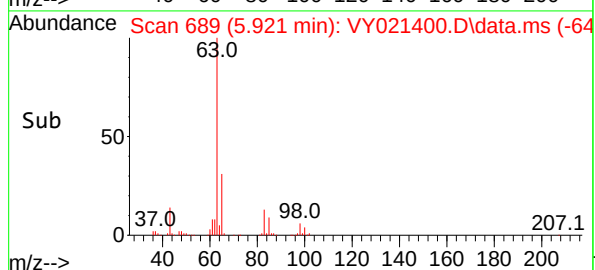
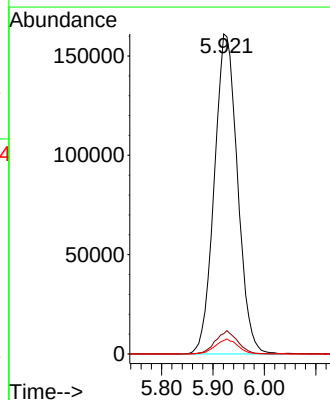
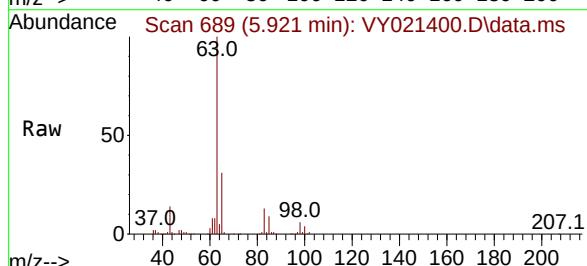
9.9

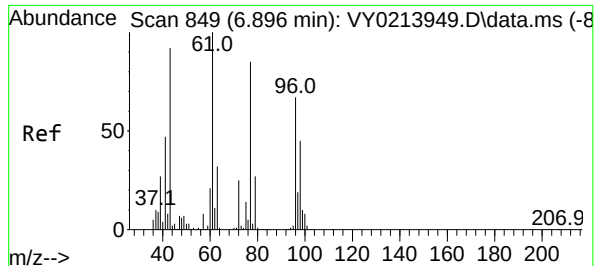
100

4.2

2.1

6.5





#25

2-Butanone

Concen: 466.248 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 36309

Ion Ratio Lower Upper

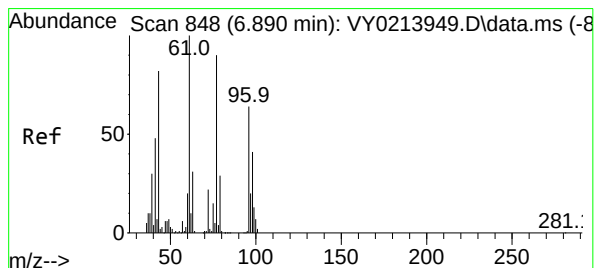
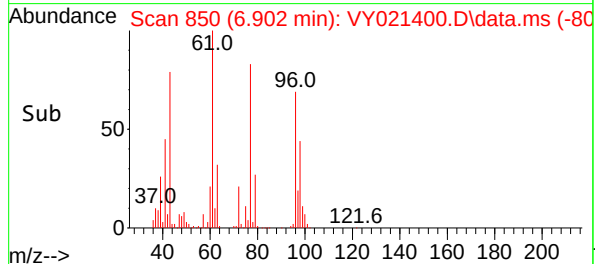
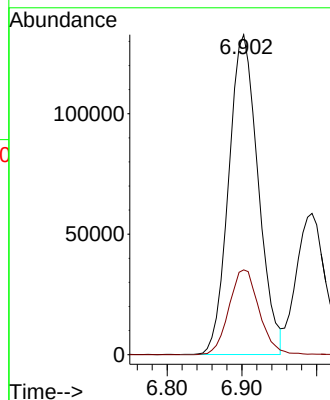
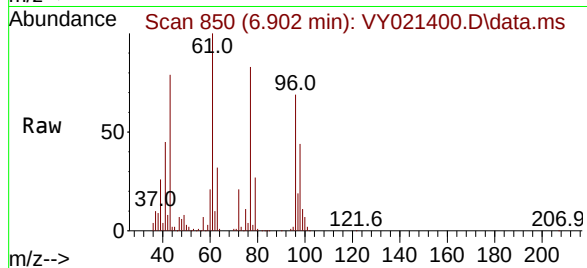
43 100

72 26.5 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#26

2,2-Dichloropropane

Concen: 98.362 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021400.D

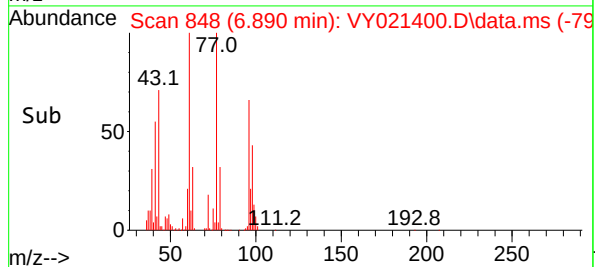
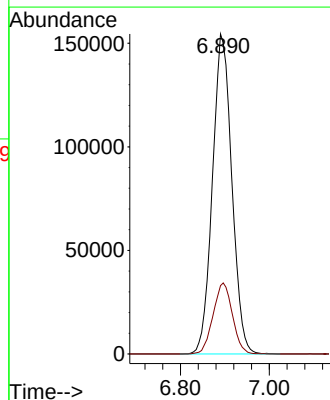
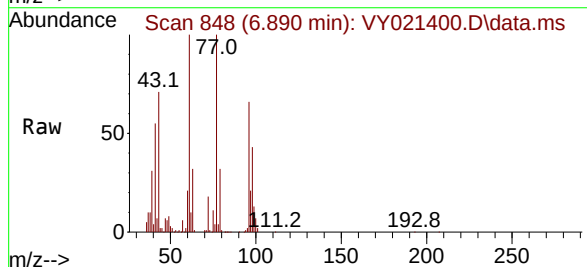
Acq: 04 Mar 2025 11:06

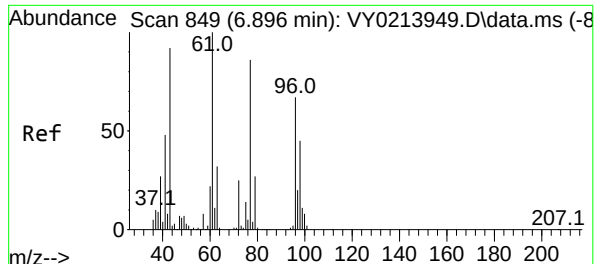
Tgt Ion: 77 Resp: 466669

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 100.724 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 32146

Ion Ratio Lower Upper

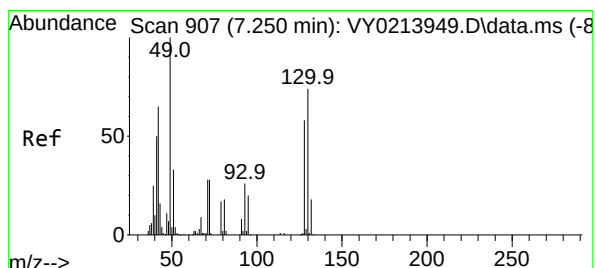
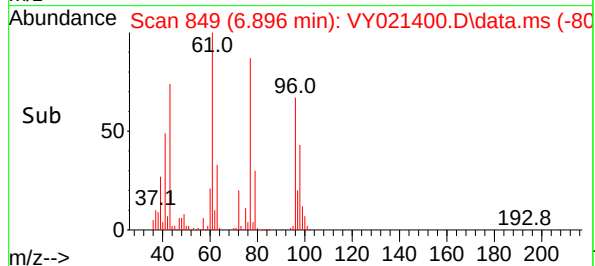
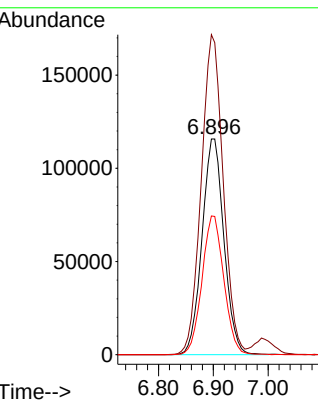
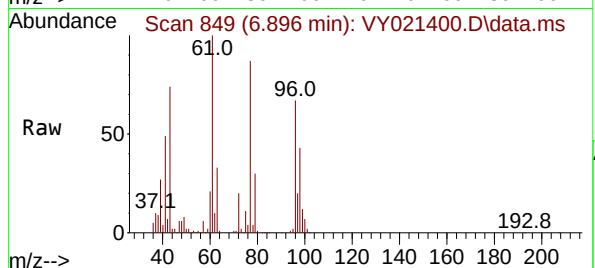
96 100

61 148.7 0.0 300.8

98 64.2 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#28

Bromochloromethane

Concen: 96.281 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

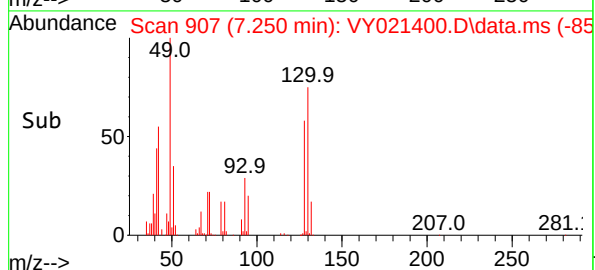
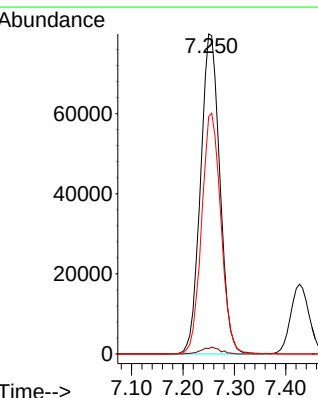
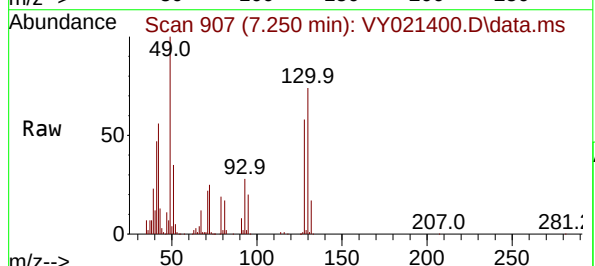
Tgt Ion: 49 Resp: 208133

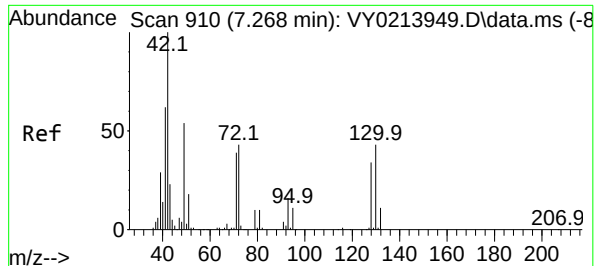
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 75.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 474.960 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 22834

Ion Ratio Lower Upper

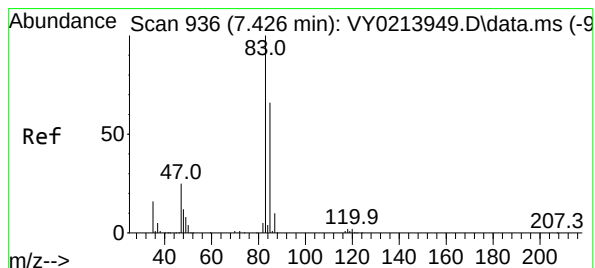
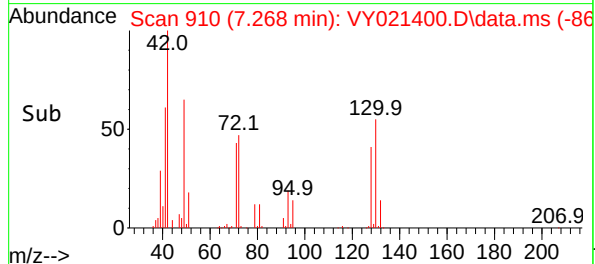
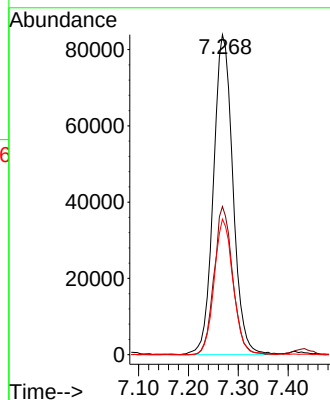
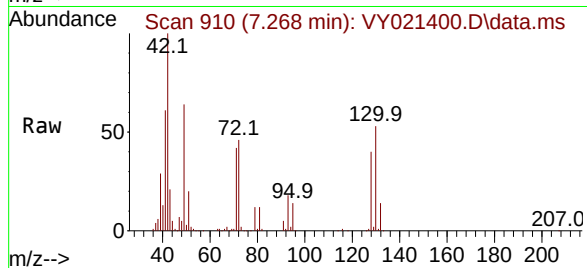
42 100

72 44.2 34.8 52.2

71 41.1 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#30

Chloroform

Concen: 97.270 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021400.D

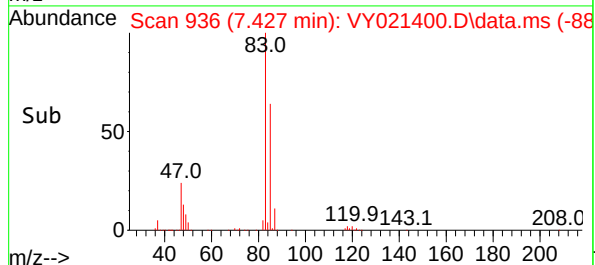
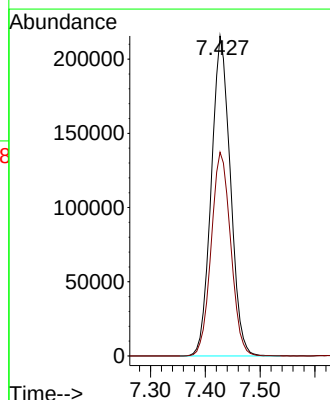
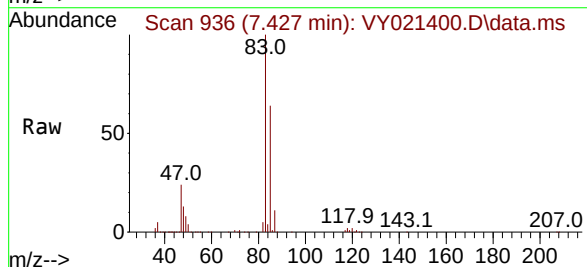
Acq: 04 Mar 2025 11:06

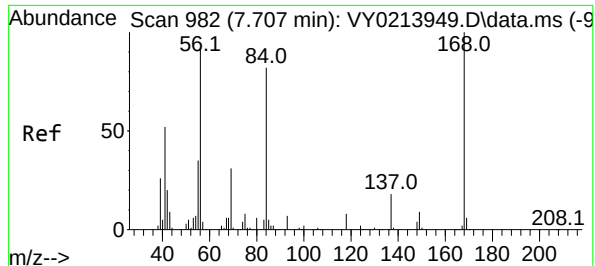
Tgt Ion: 83 Resp: 520812

Ion Ratio Lower Upper

83 100

85 63.6 53.1 79.7





#31

Cyclohexane

Concen: 95.275 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 46056

Ion Ratio Lower Upper

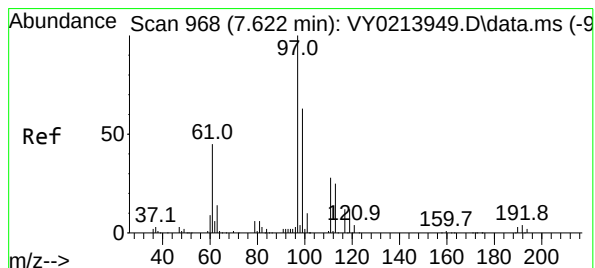
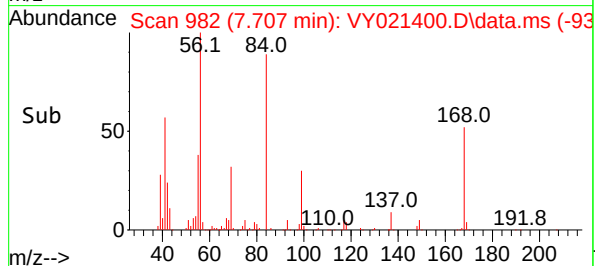
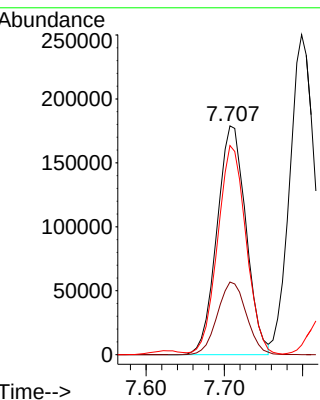
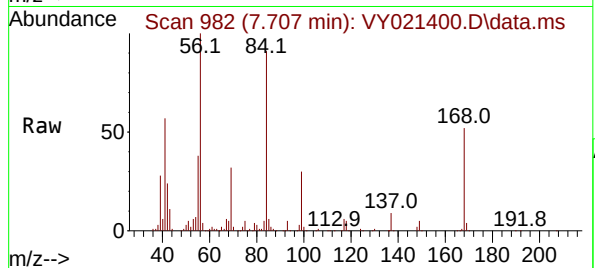
56 100

69 31.7 27.0 40.4

84 89.7 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#32

1,1,1-Trichloroethane

Concen: 97.941 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

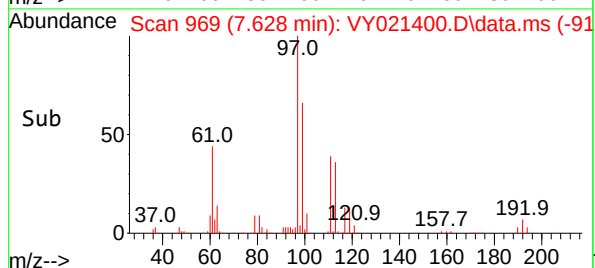
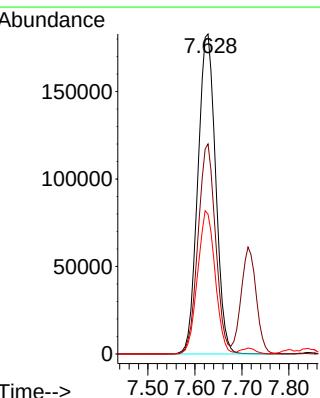
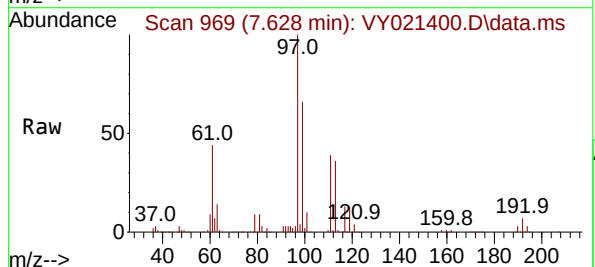
Tgt Ion: 97 Resp: 480163

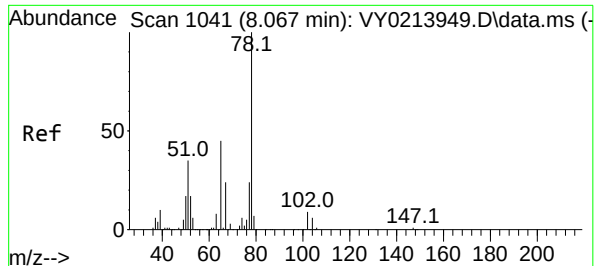
Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 44.2 35.7 53.5





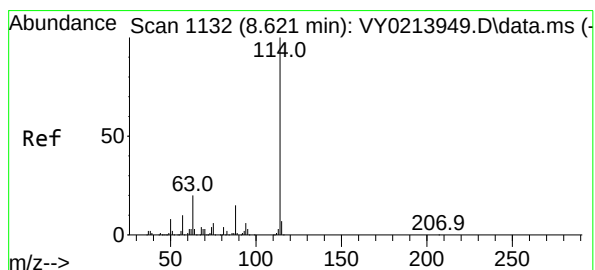
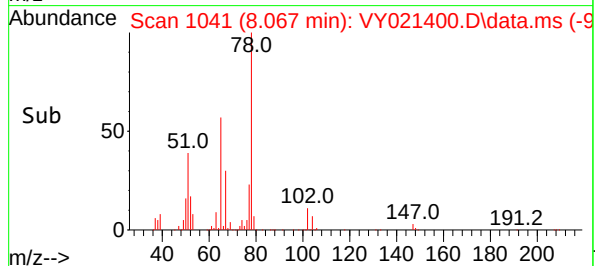
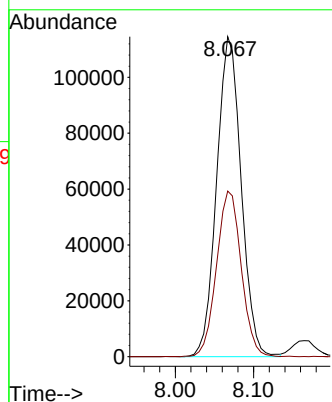
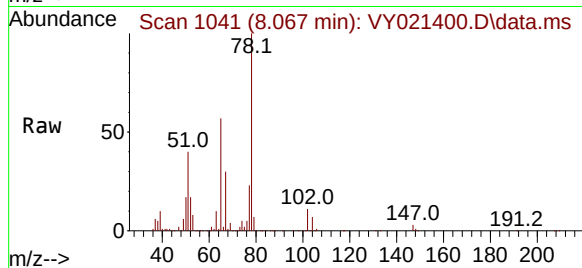
#33
1,2-Dichloroethane-d4
Concen: 96.666 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 249500
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.8

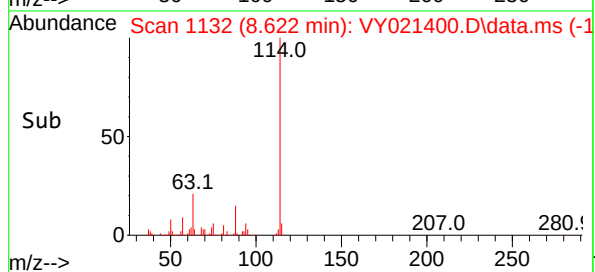
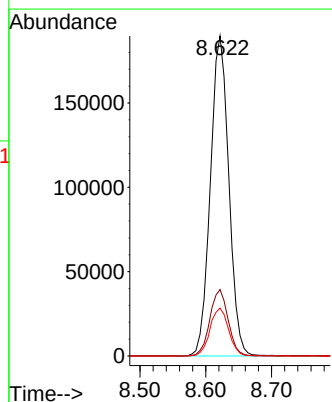
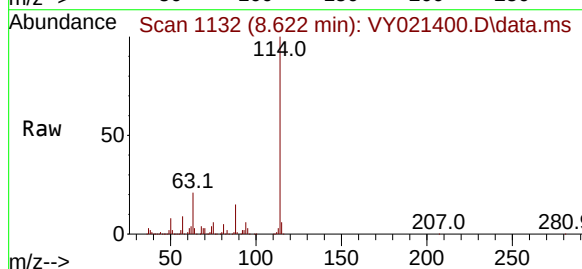
Manual Integrations
APPROVED

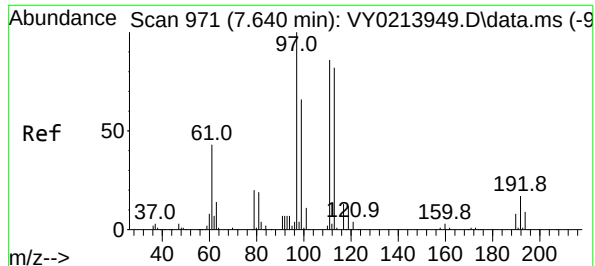
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion:114 Resp: 369748
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 100.930 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 245300

Ion Ratio Lower Upper

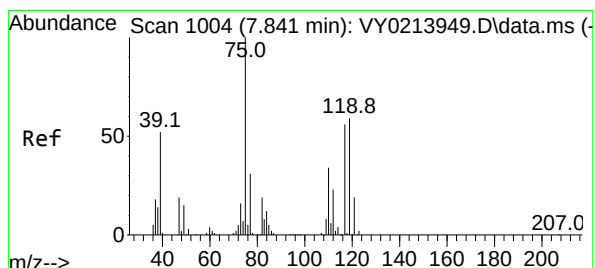
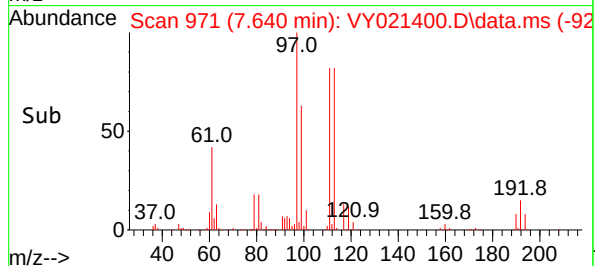
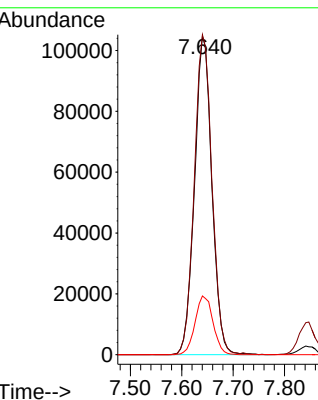
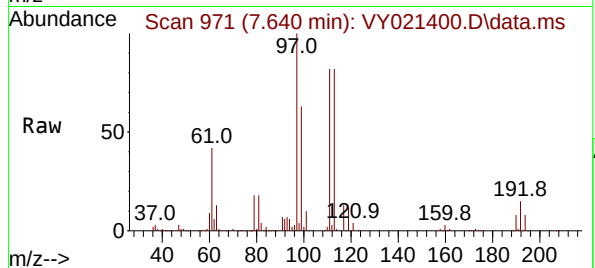
113 100

111 102.5 82.0 123.0

192 19.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#36

1,1-Dichloropropene

Concen: 102.089 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

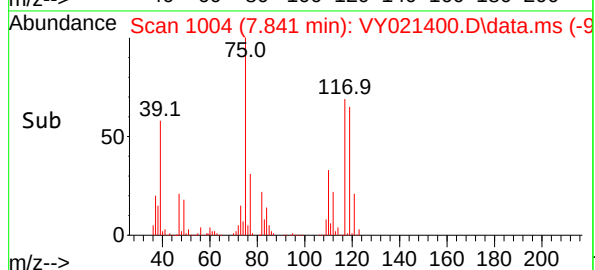
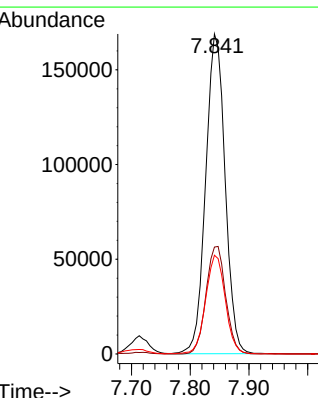
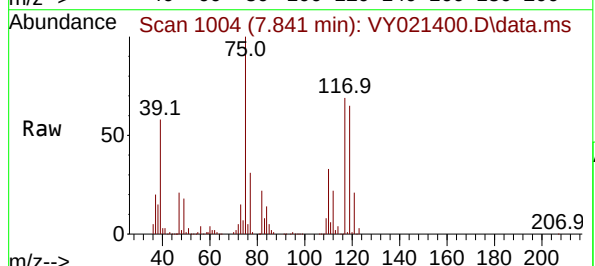
Tgt Ion: 75 Resp: 388384

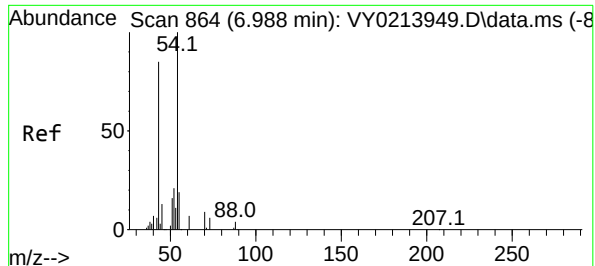
Ion Ratio Lower Upper

75 100

110 34.0 17.3 51.7

77 31.2 25.4 38.2





#37

Ethyl Acetate

Concen: 94.621 ug/l

RT: 6.994 min Scan# 865

Delta R.T. 0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 162380

Ion Ratio Lower Upper

43 100

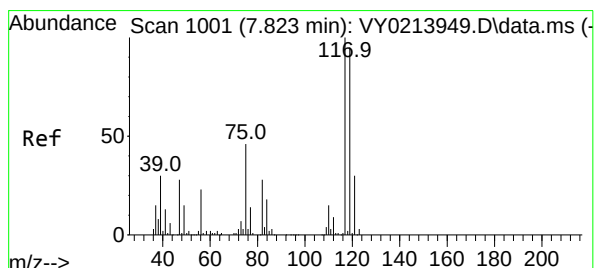
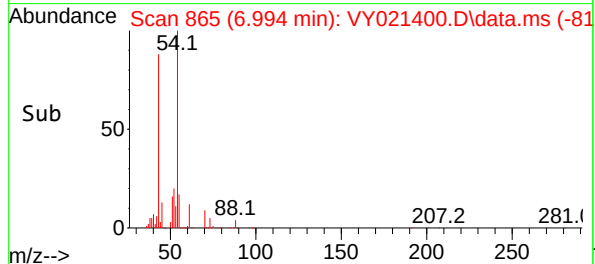
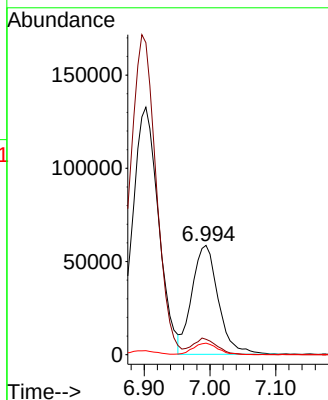
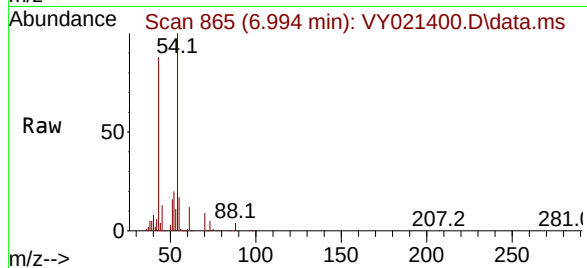
61 13.2 11.4 17.0

70 10.0 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#38

Carbon Tetrachloride

Concen: 100.510 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

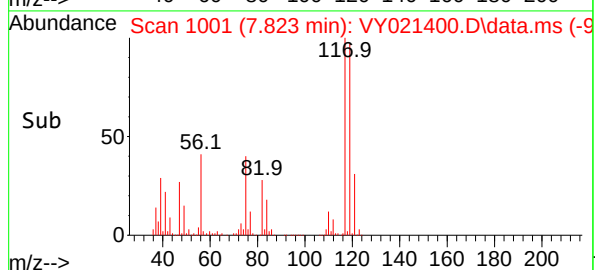
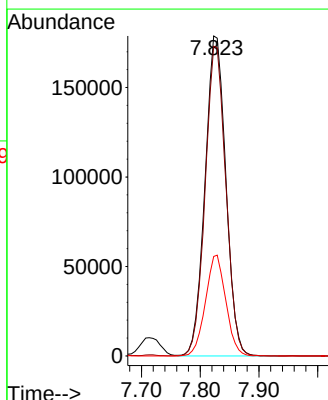
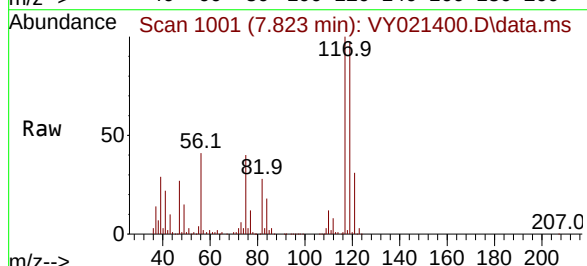
Tgt Ion:117 Resp: 439762

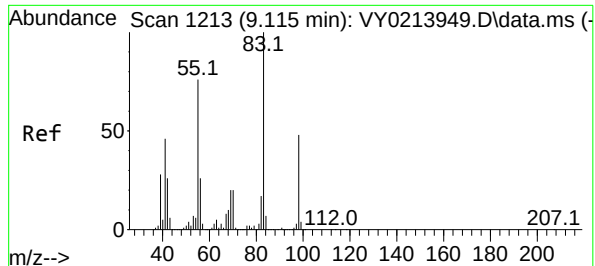
Ion Ratio Lower Upper

117 100

119 96.8 75.8 113.8

121 31.1 23.9 35.9





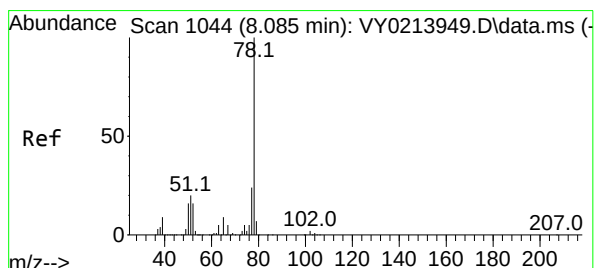
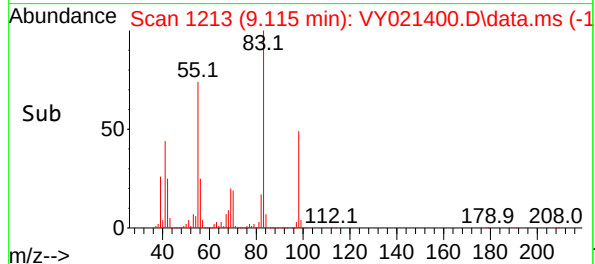
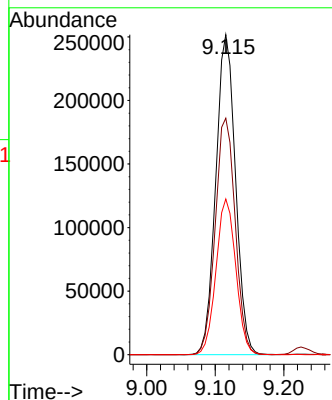
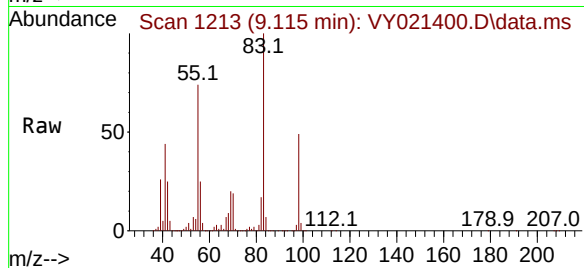
#39
Methylcyclohexane
Concen: 107.827 ug/l
RT: 9.115 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 503172
Ion Ratio Lower Upper
83 100
55 73.9 60.7 91.1
98 48.6 38.6 57.8

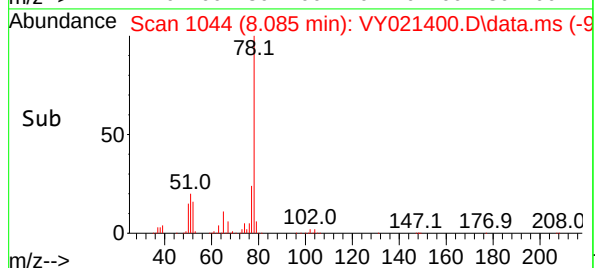
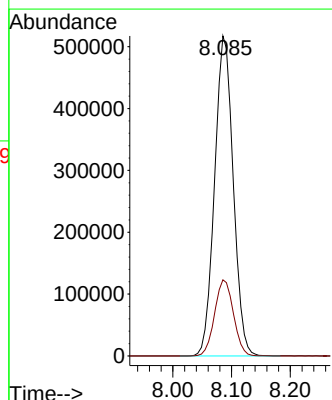
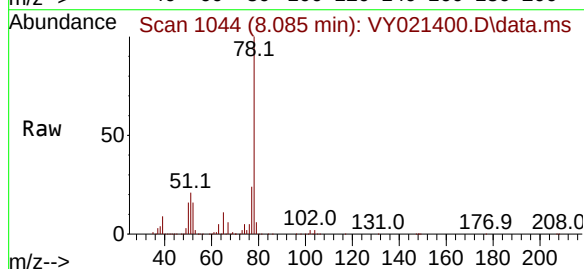
Manual Integrations
APPROVED

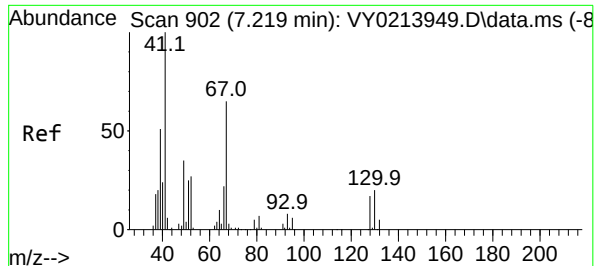
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#40
Benzene
Concen: 101.621 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

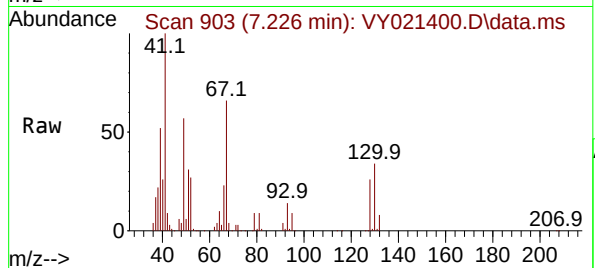
Tgt Ion: 78 Resp: 1138841
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





#41
Methacrylonitrile
Concen: 102.238 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

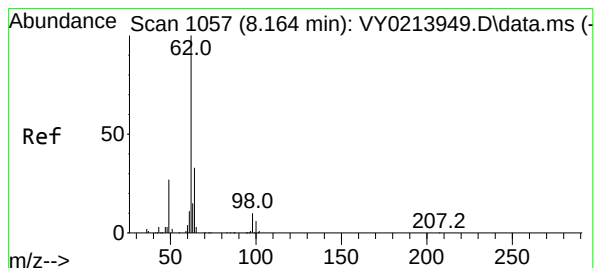
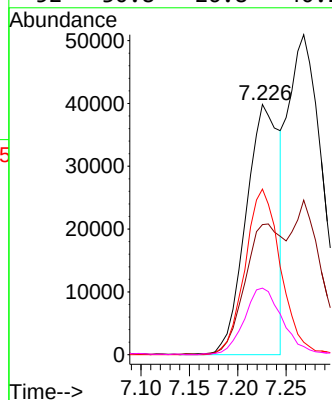
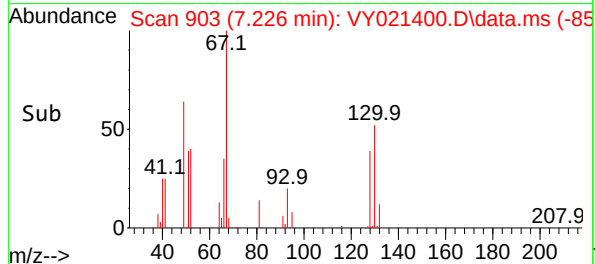
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 95564
Ion Ratio Lower Upper
41 100
39 61.0 35.0 52.6
67 71.2 61.2 91.8
52 30.8 26.8 40.2

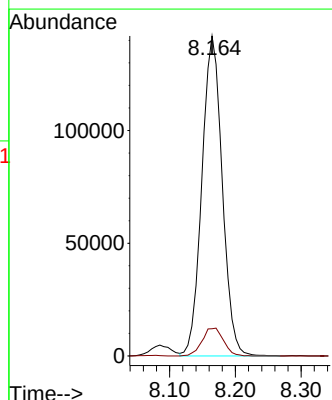
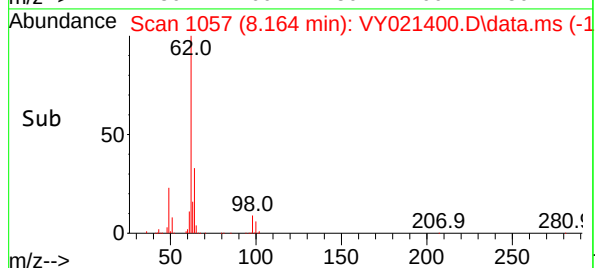
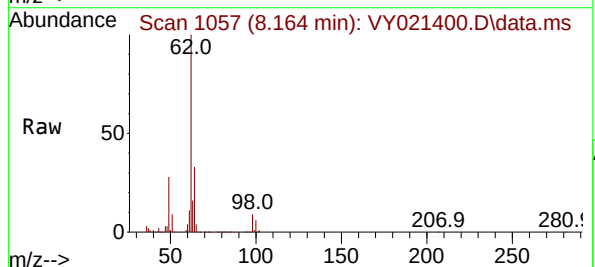
Manual Integrations
APPROVED

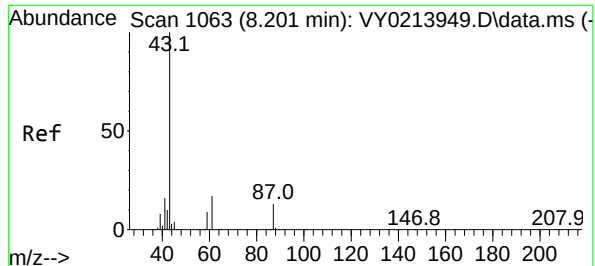
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#42
1,2-Dichloroethane
Concen: 97.534 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 62 Resp: 305782
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.2





#43

Isopropyl Acetate

Concen: 100.231 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

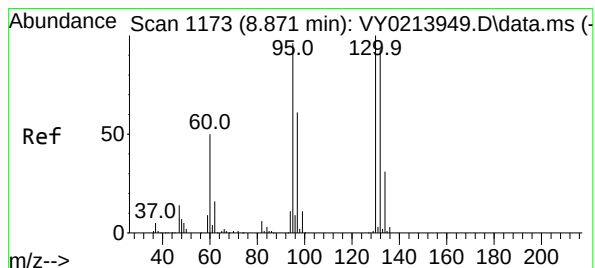
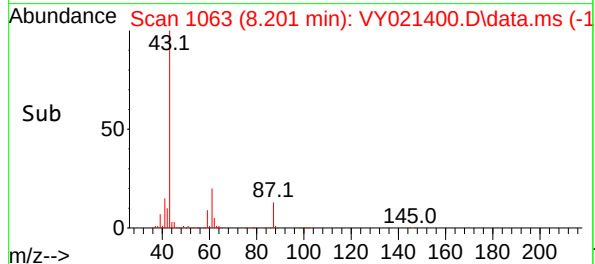
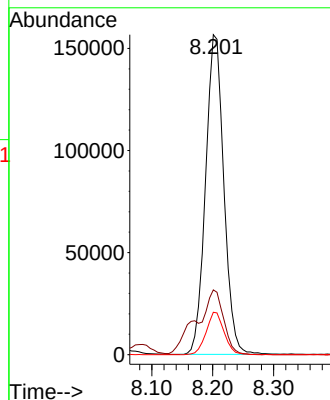
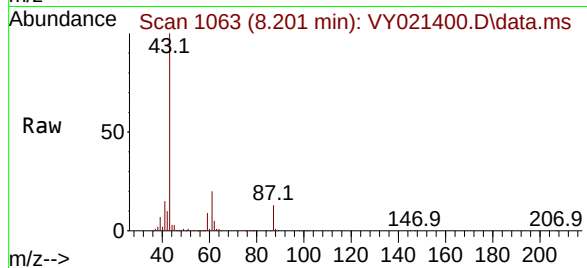
VSTDIC100

Tgt Ion:	43	Resp:	32717
Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.4	35.0
87	13.0	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#44

Trichloroethene

Concen: 100.395 ug/l

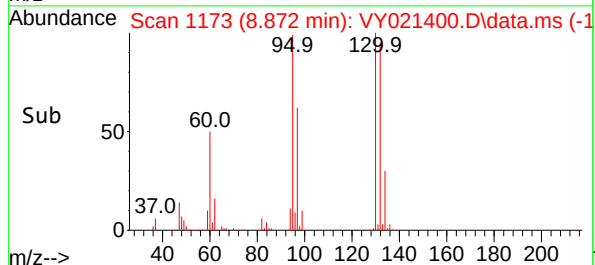
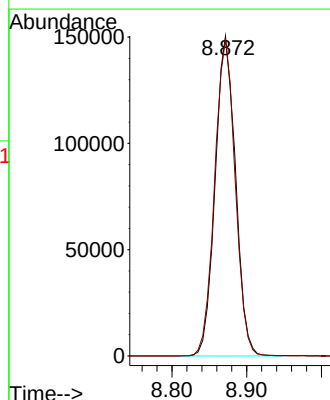
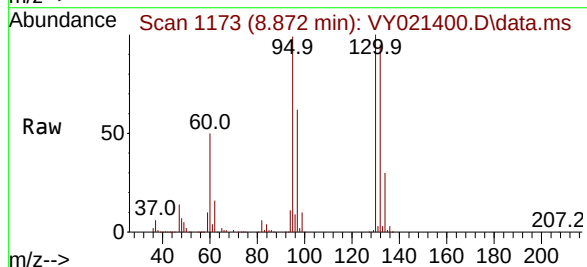
RT: 8.872 min Scan# 1173

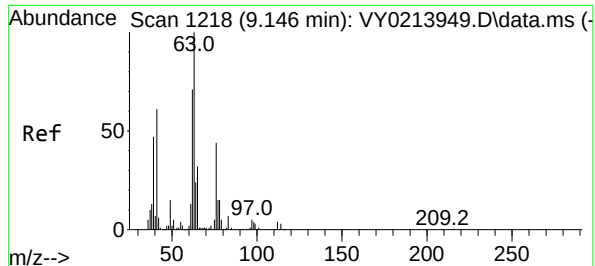
Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Tgt Ion:	130	Resp:	284312
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	191.6





#45

1,2-Dichloropropane

Concen: 99.238 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 264690

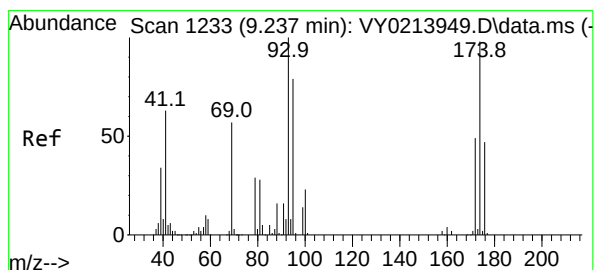
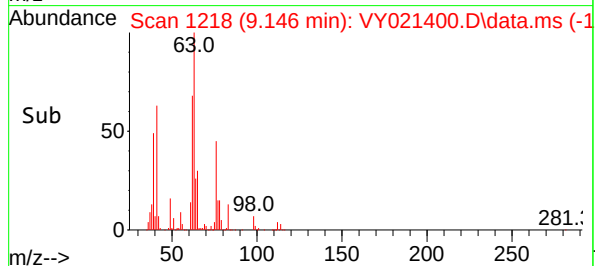
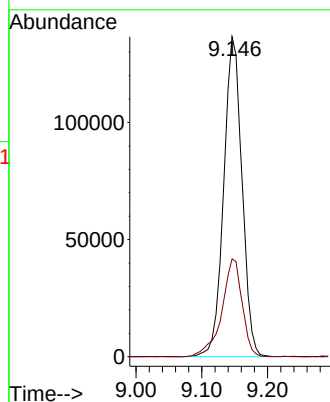
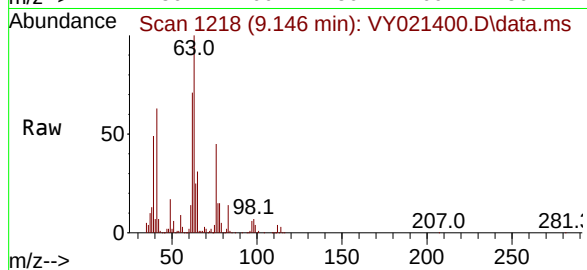
Ion Ratio Lower Upper

63 100

65 30.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#46

Dibromomethane

Concen: 98.859 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

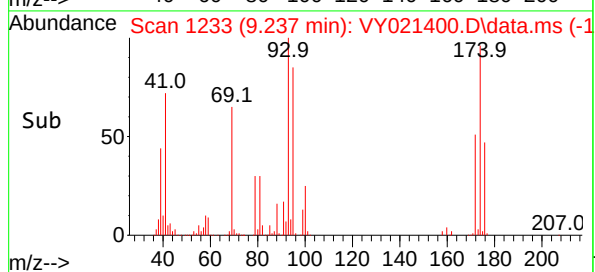
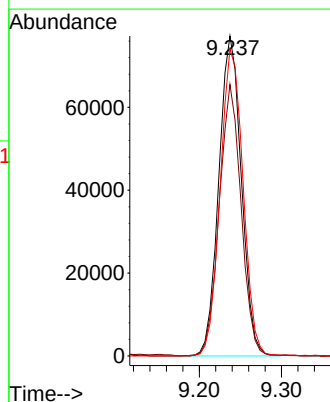
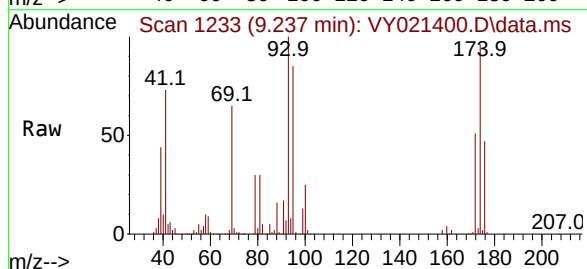
Tgt Ion: 93 Resp: 146713

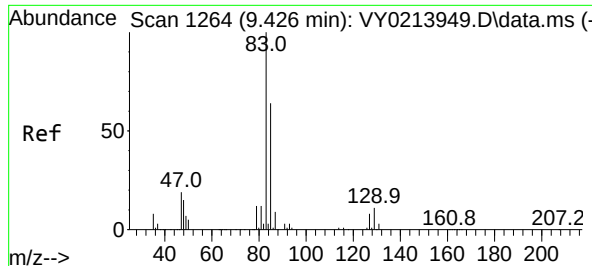
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.8

174 97.6 77.9 116.9





#47

Bromodichloromethane

Concen: 100.395 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 395670

Ion Ratio Lower Upper

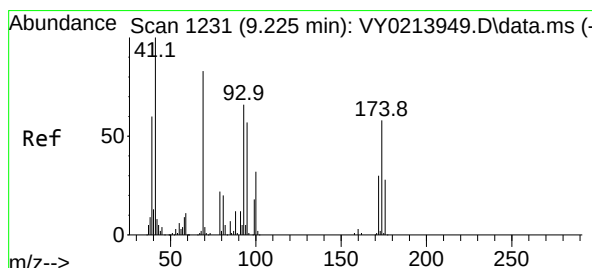
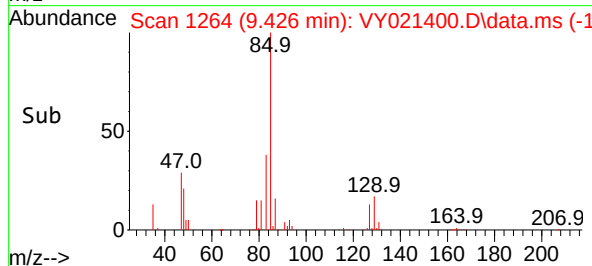
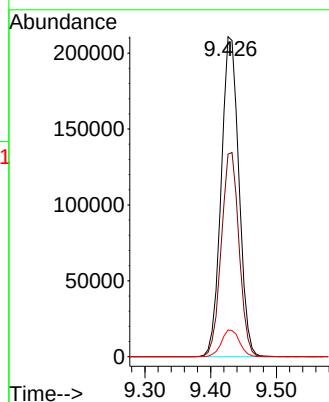
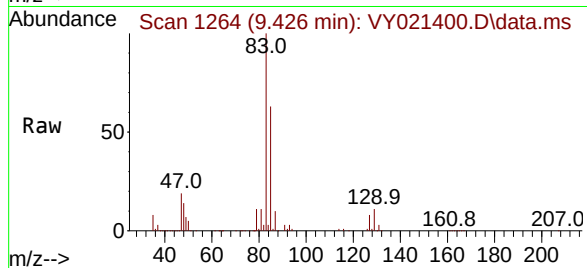
83 100

85 63.3 51.1 76.7

127 8.4 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#48

Methyl methacrylate

Concen: 103.582 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

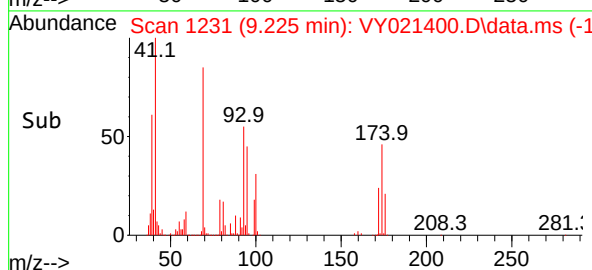
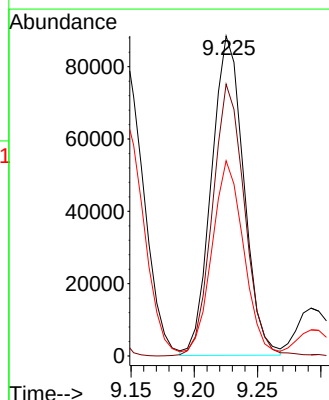
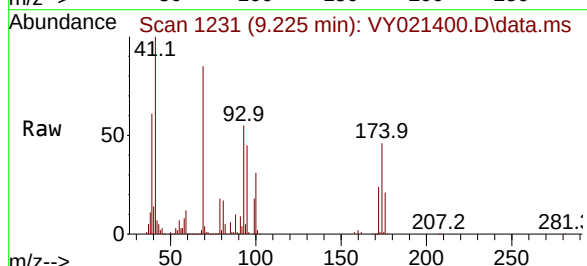
Tgt Ion: 41 Resp: 156771

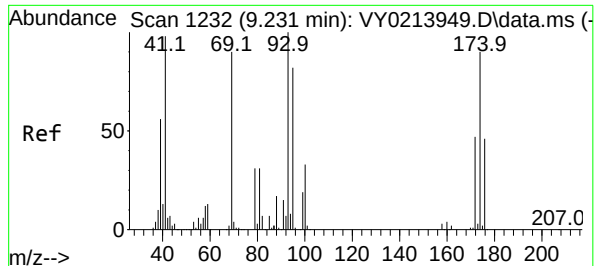
Ion Ratio Lower Upper

41 100

69 84.9 67.8 101.8

39 57.7 46.4 69.6





#49

1,4-Dioxane

Concen: 2052.779 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 88 Resp: 2990

Ion Ratio Lower Upper

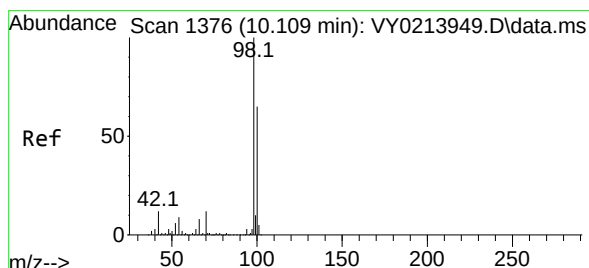
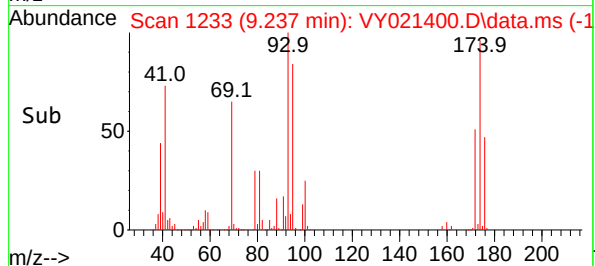
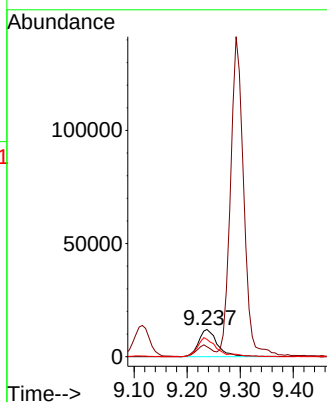
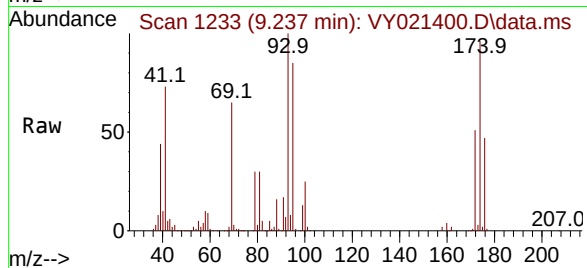
88 100

43 34.6 25.0 37.4

58 71.6 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#50

Toluene-d8

Concen: 103.596 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021400.D

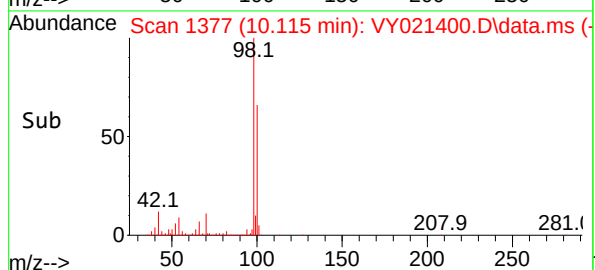
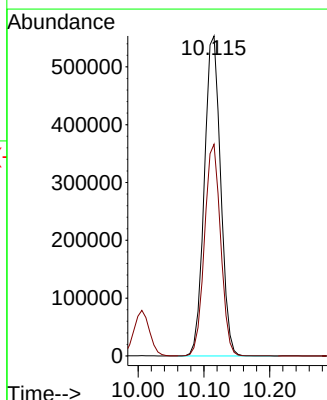
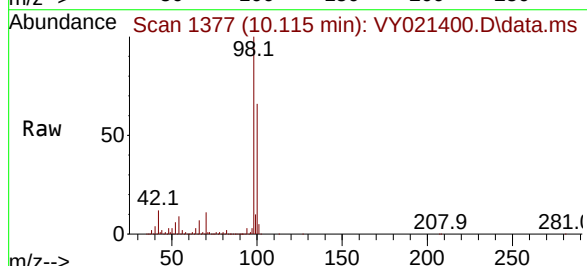
Acq: 04 Mar 2025 11:06

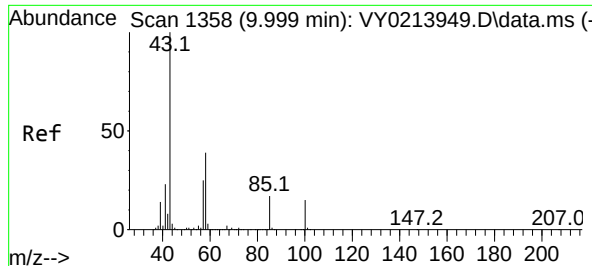
Tgt Ion: 98 Resp: 953319

Ion Ratio Lower Upper

98 100

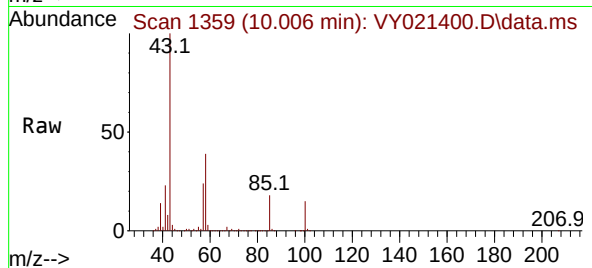
100 65.7 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 504.998 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

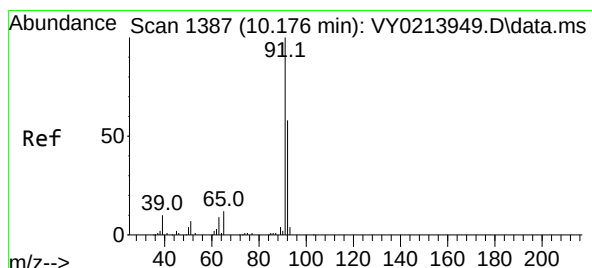
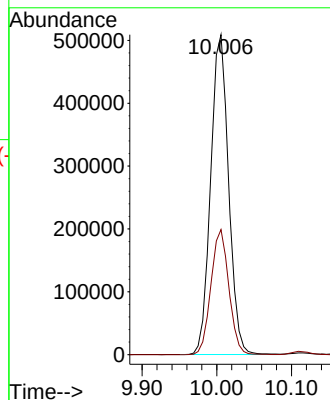
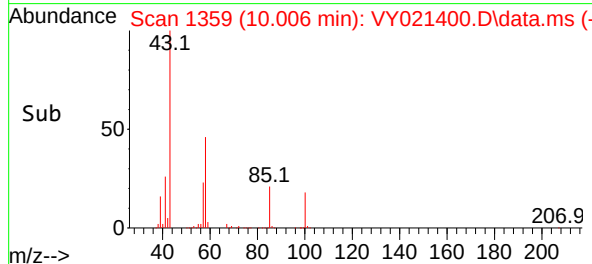
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 850519
Ion Ratio Lower Upper
43 100
58 39.1 31.4 47.2

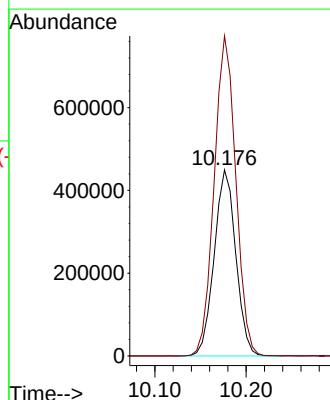
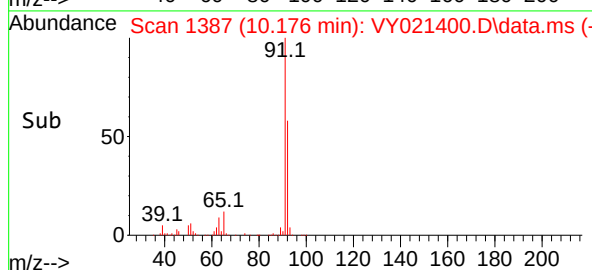
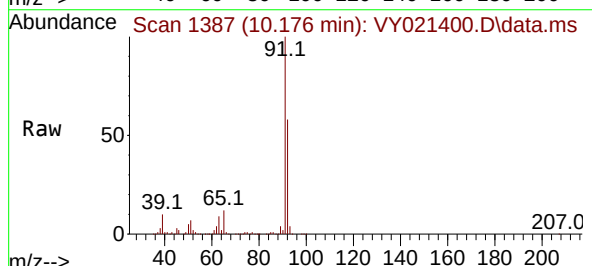
Manual Integrations
APPROVED

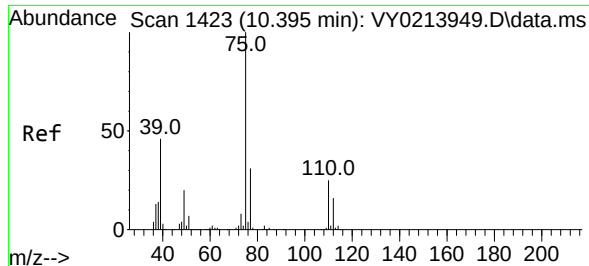
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 104.377 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 92 Resp: 737467
Ion Ratio Lower Upper
92 100
91 172.8 138.2 207.2





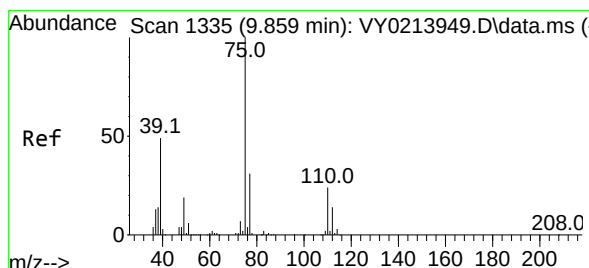
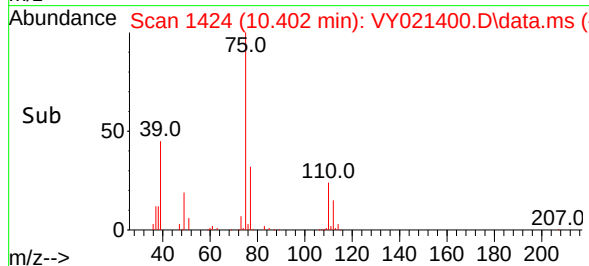
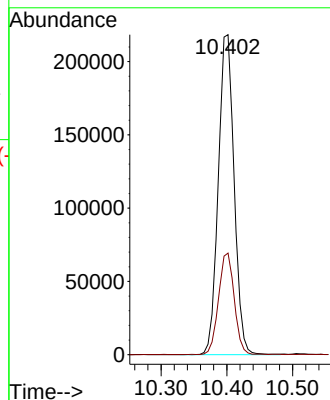
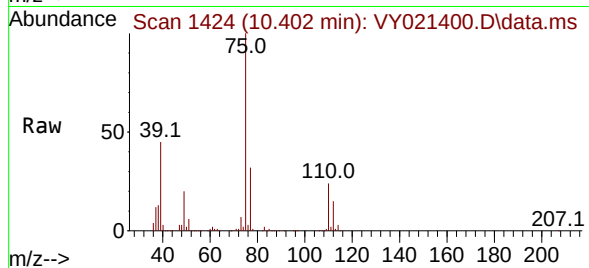
#53
t-1,3-Dichloropropene
Concen: 105.356 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 365825
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6

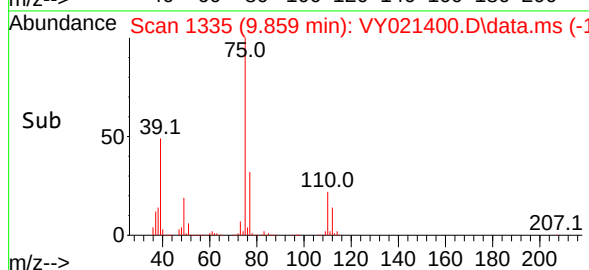
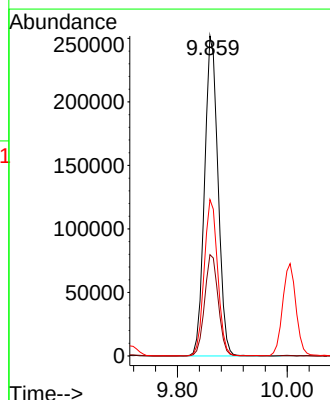
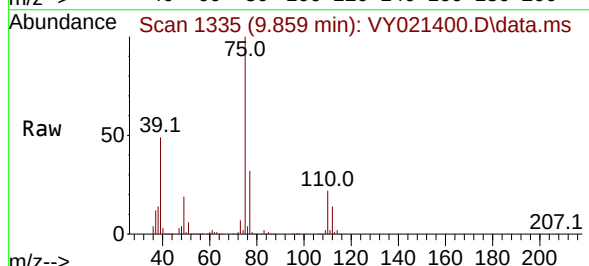
Manual Integrations
APPROVED

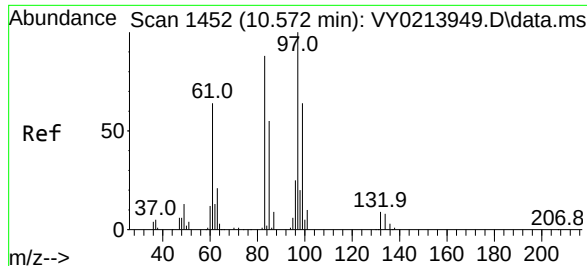
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 103.894 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

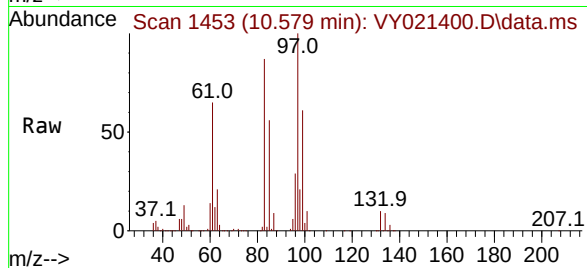
Tgt Ion: 75 Resp: 428305
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0
39 48.8 39.4 59.2





#55
1,1,2-Trichloroethane
Concen: 98.848 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

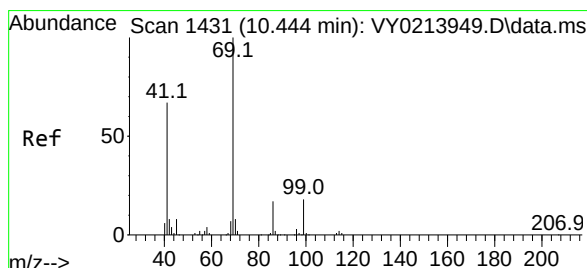
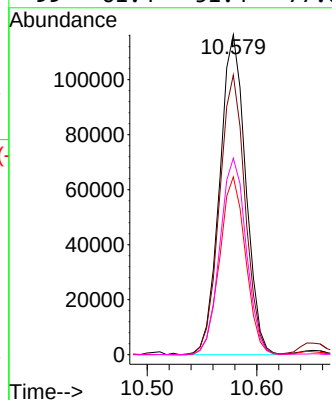
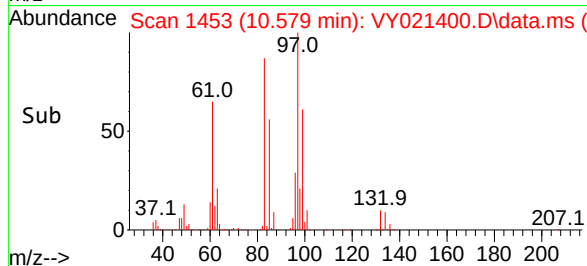
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 97 Resp: 191894
Ion Ratio Lower Upper
97 100
83 87.4 70.0 105.0
85 55.5 44.3 66.5
99 61.4 51.4 77.0

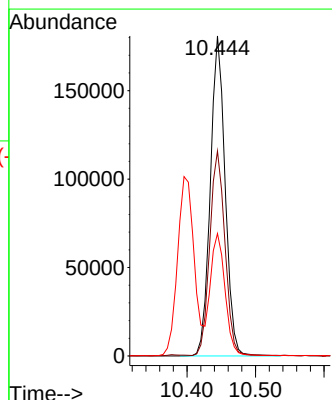
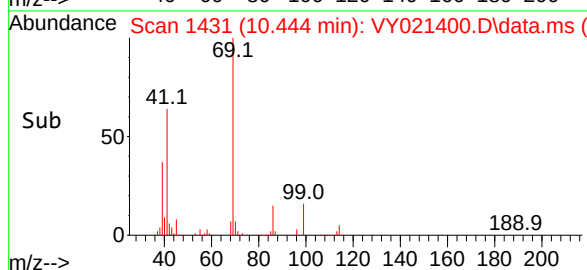
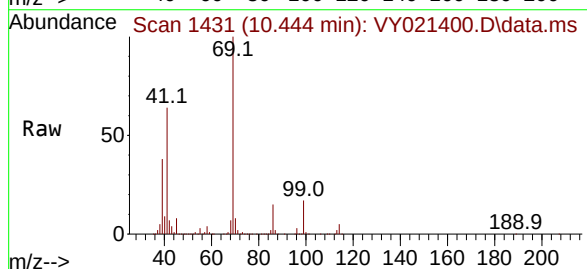
Manual Integrations
APPROVED

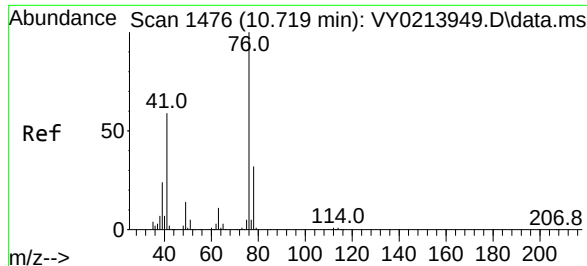
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#56
Ethyl methacrylate
Concen: 109.699 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 69 Resp: 271599
Ion Ratio Lower Upper
69 100
41 65.3 53.3 79.9
39 36.8 31.0 46.6





#57

1,3-Dichloropropane

Concen: 99.311 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 334140

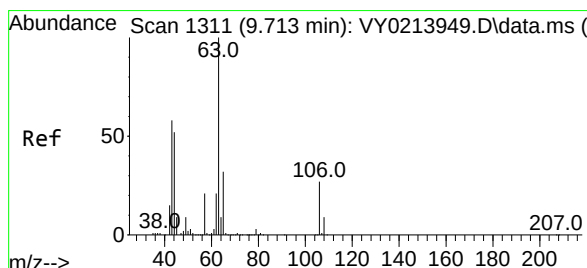
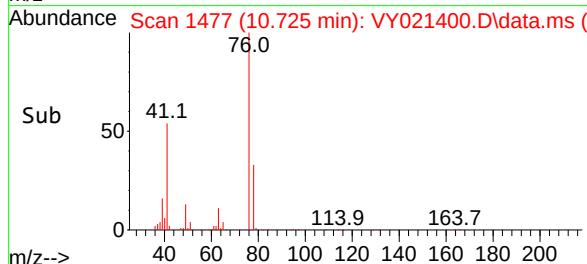
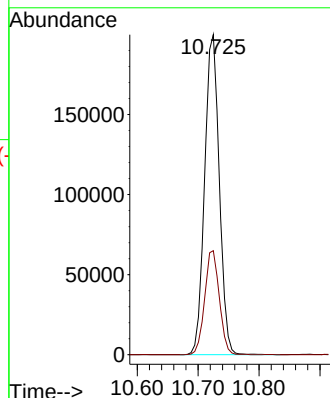
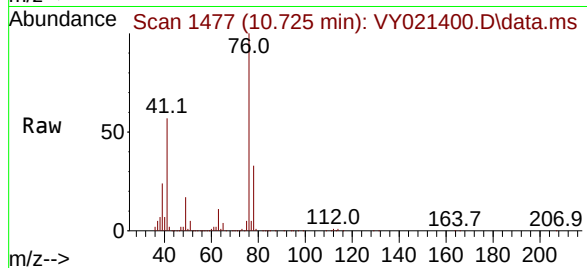
Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#58

2-Chloroethyl Vinyl ether

Concen: 525.670 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021400.D

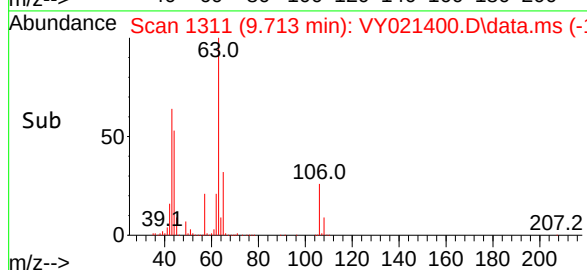
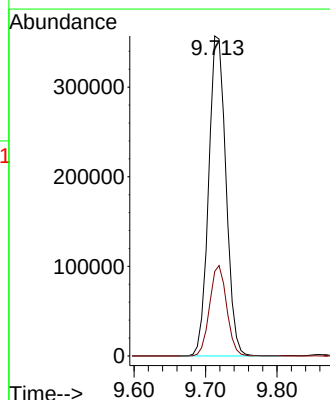
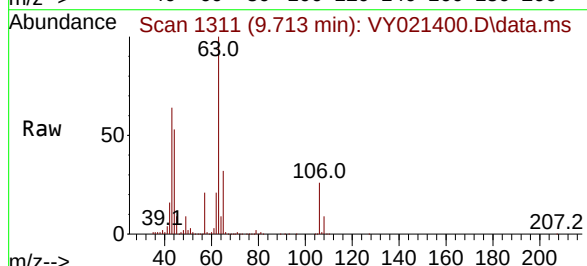
Acq: 04 Mar 2025 11:06

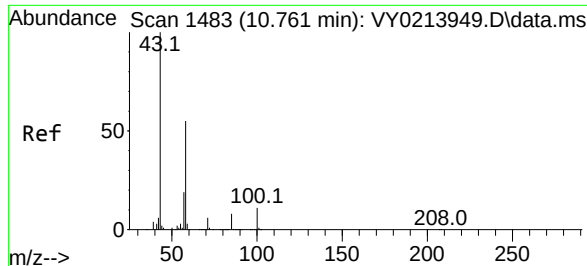
Tgt Ion: 63 Resp: 600796

Ion Ratio Lower Upper

63 100

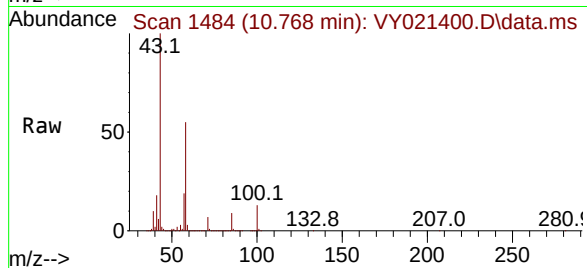
106 27.8 22.1 33.1





#59
2-Hexanone
Concen: 516.516 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

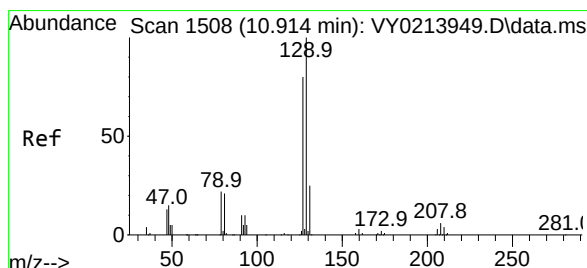
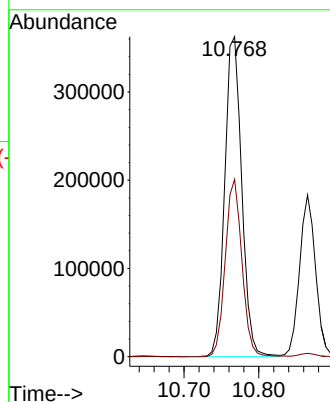
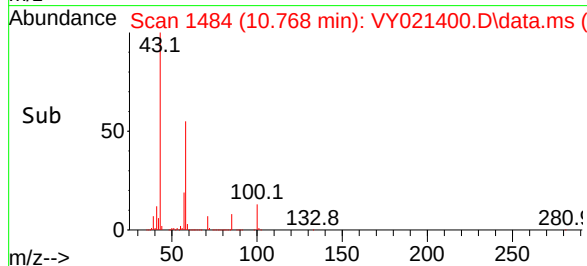
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 57521
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.8

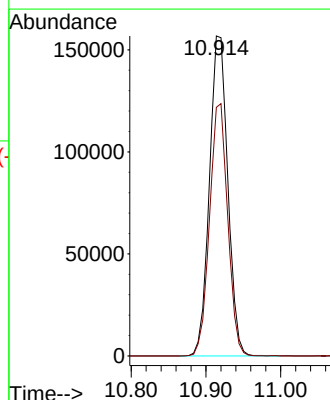
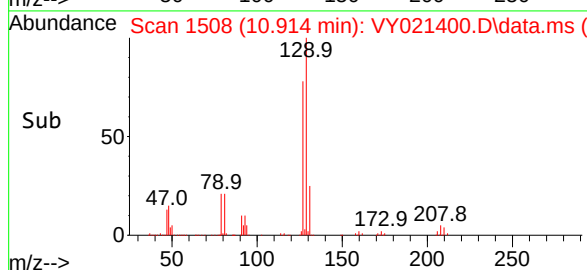
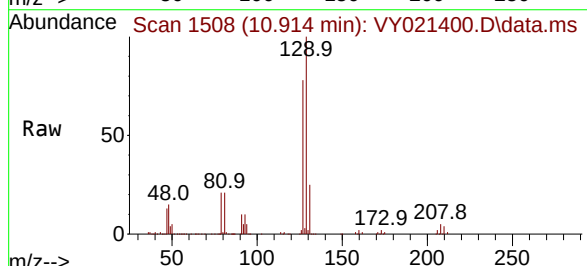
Manual Integrations
APPROVED

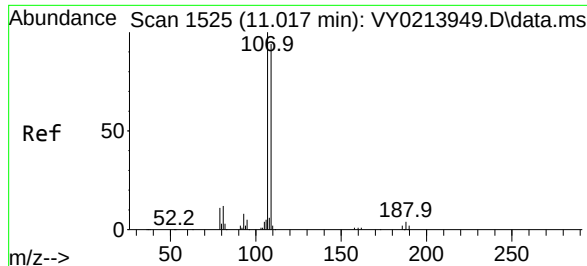
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60
Dibromochloromethane
Concen: 100.834 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion:129 Resp: 268359
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





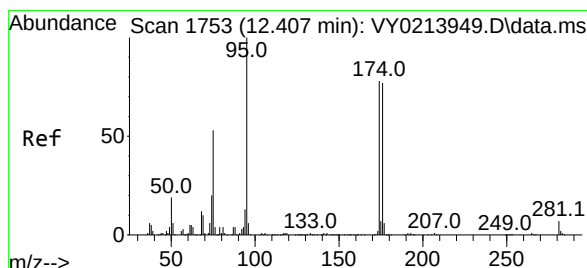
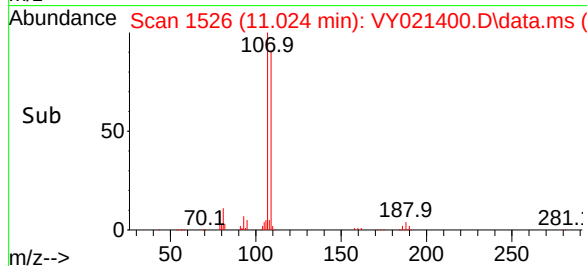
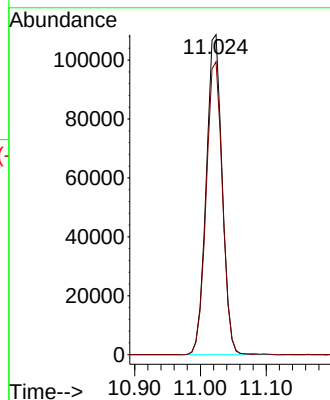
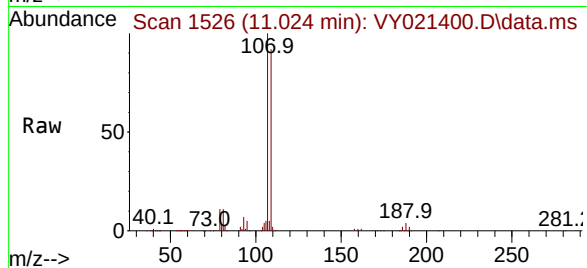
#61
1,2-Dibromoethane
Concen: 99.993 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 183200
Ion Ratio Lower Upper
107 100
109 93.4 75.8 113.8

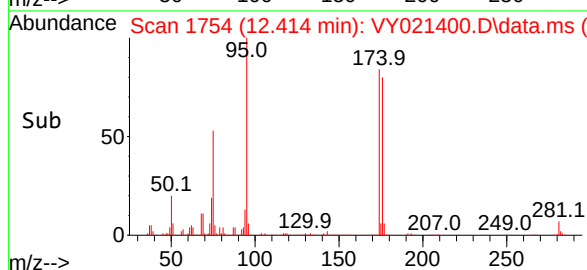
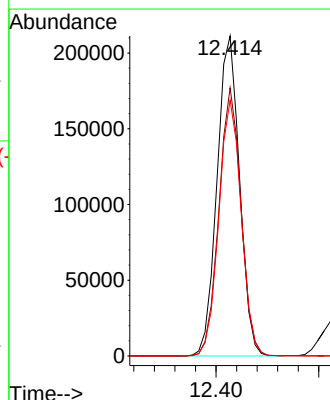
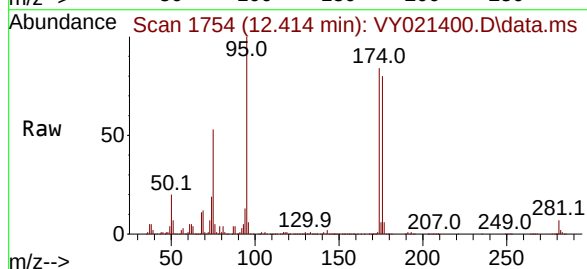
Manual Integrations
APPROVED

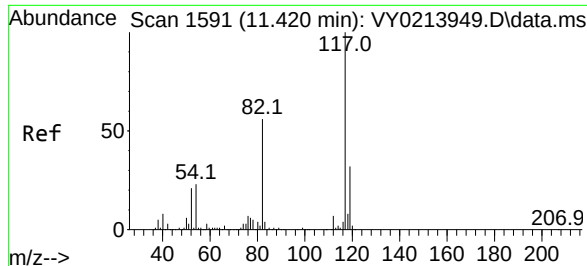
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 102.231 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

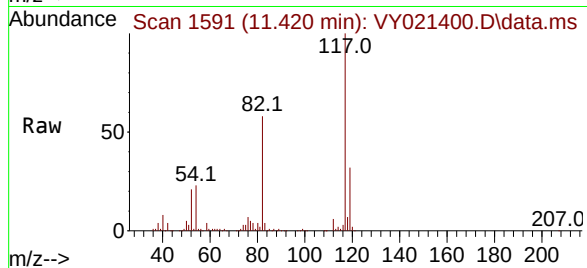
Tgt Ion: 95 Resp: 320008
Ion Ratio Lower Upper
95 100
174 82.5 0.0 165.0
176 79.5 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

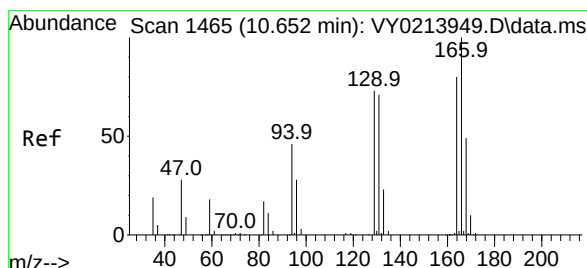
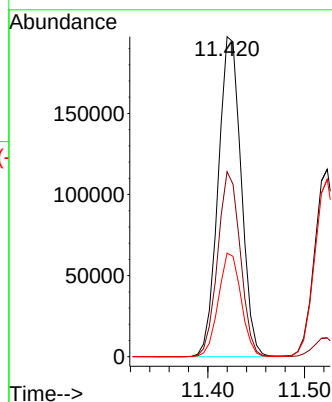
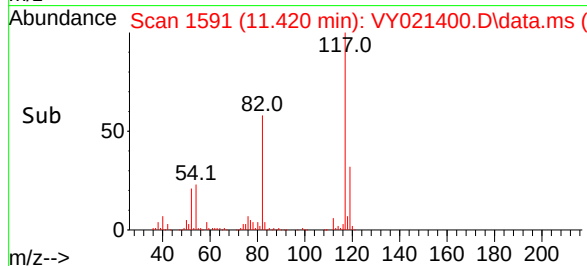
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 325902
Ion Ratio Lower Upper
117 100
82 57.8 44.6 67.0
119 32.4 25.4 38.0

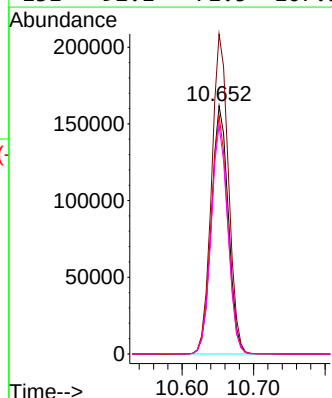
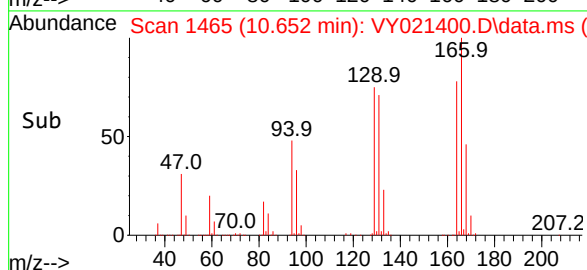
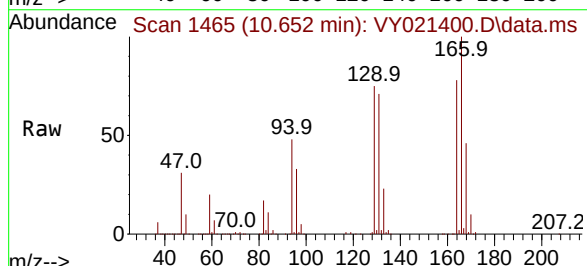
Manual Integrations
APPROVED

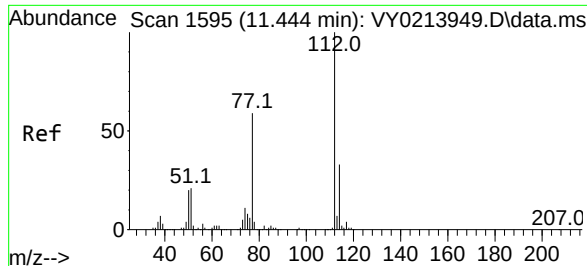
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#64
Tetrachloroethene
Concen: 100.033 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

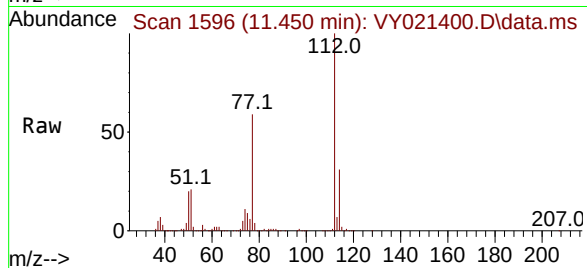
Tgt Ion:164 Resp: 265100
Ion Ratio Lower Upper
164 100
166 128.9 100.4 150.6
129 96.0 73.8 110.8
131 92.1 71.5 107.3





#65
Chlorobenzene
Concen: 100.956 ug/l
RT: 11.450 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

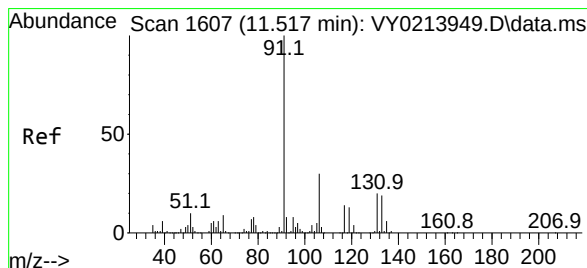
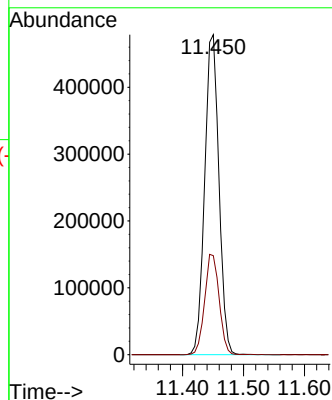
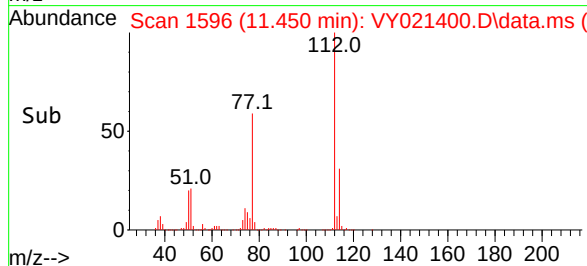
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:112 Resp: 776963
Ion Ratio Lower Upper
112 100
114 31.0 26.1 39.1

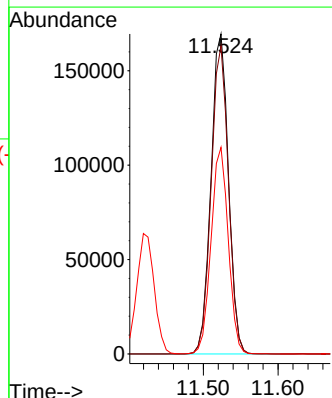
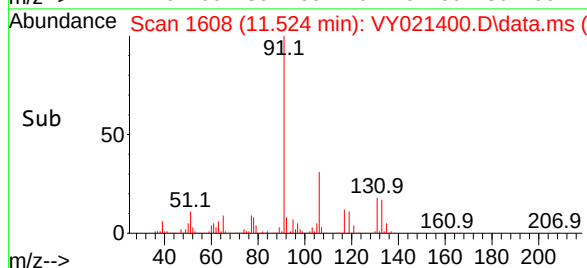
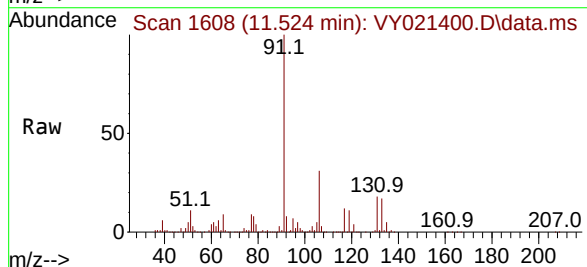
Manual Integrations
APPROVED

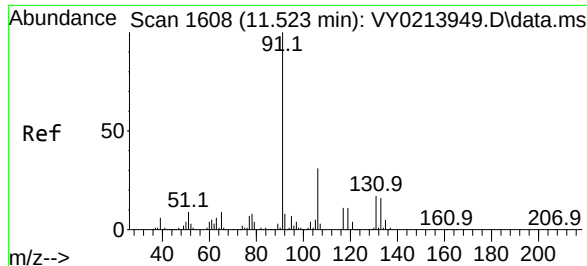
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 101.302 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion:131 Resp: 275635
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 63.7 32.3 96.9





#67

Ethyl Benzene

Concen: 106.585 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1439764

Ion Ratio Lower Upper

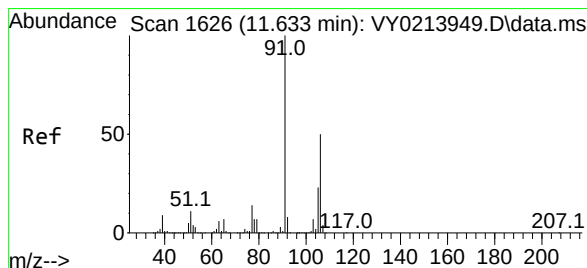
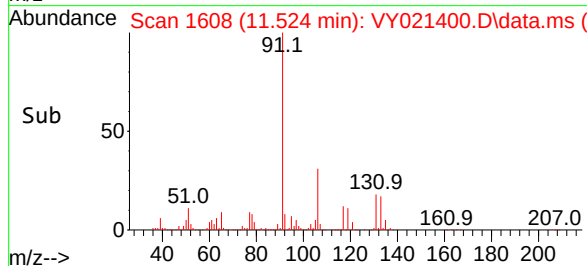
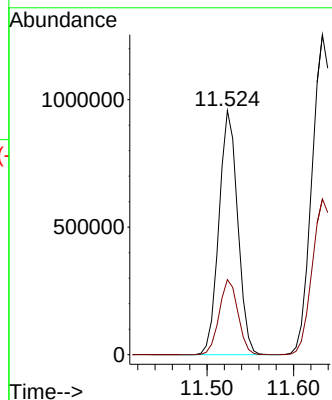
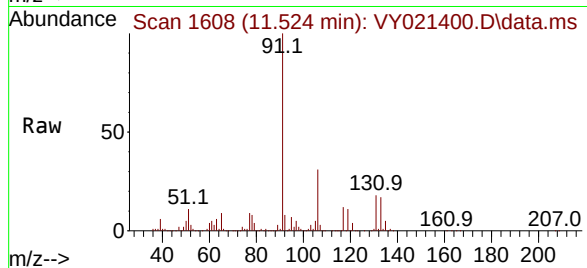
91 100

106 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#68

m/p-Xylenes

Concen: 211.694 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021400.D

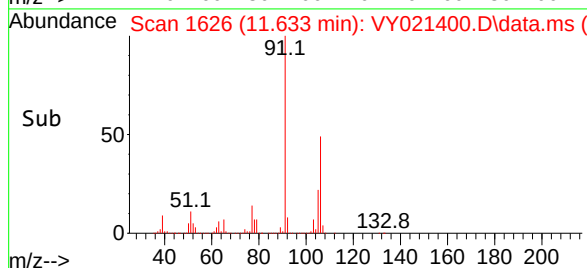
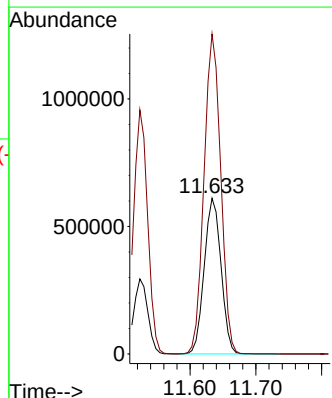
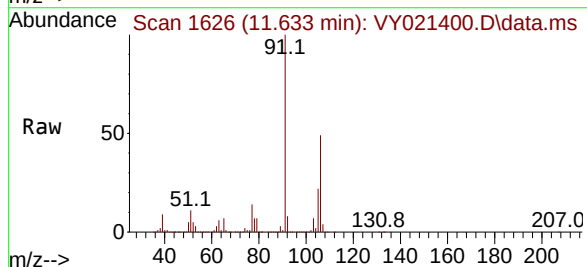
Acq: 04 Mar 2025 11:06

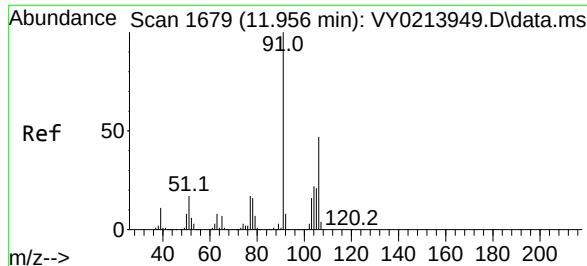
Tgt Ion:106 Resp: 1085642

Ion Ratio Lower Upper

106 100

91 204.3 161.7 242.5





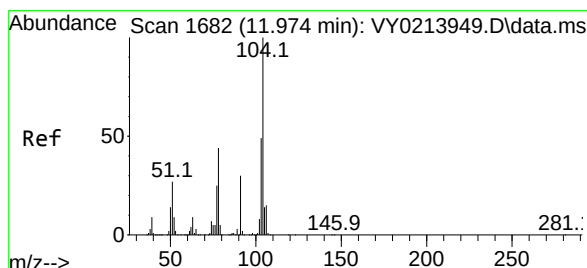
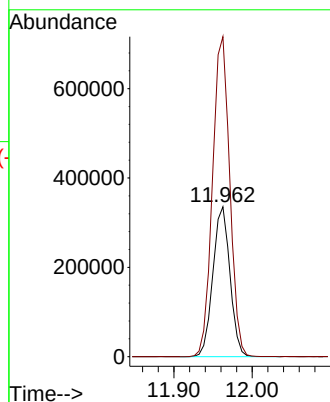
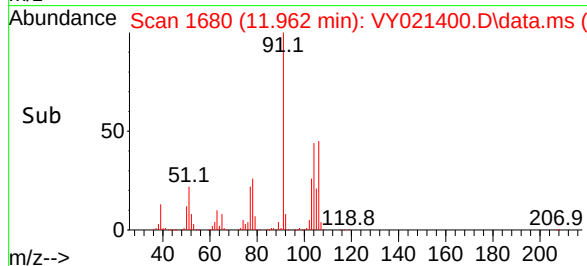
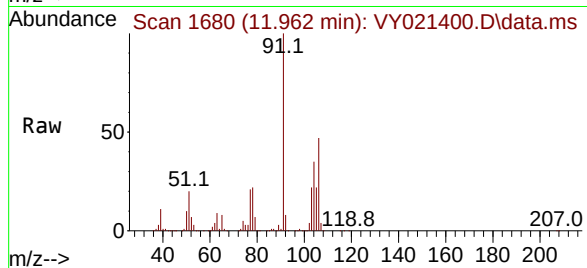
#69
o-Xylene
Concen: 107.399 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 507619
Ion Ratio Lower Upper
106 100
91 215.7 107.6 322.8

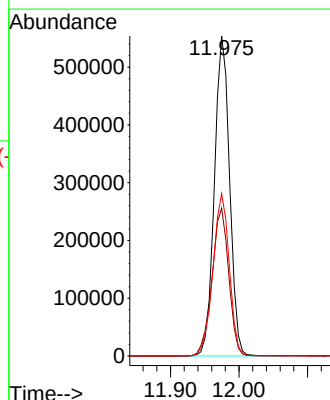
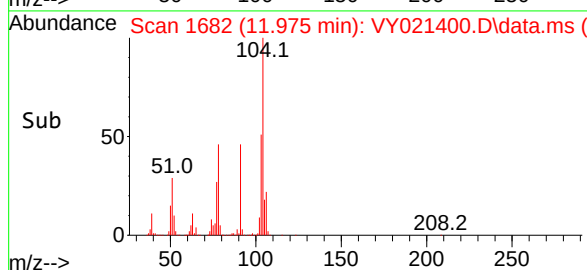
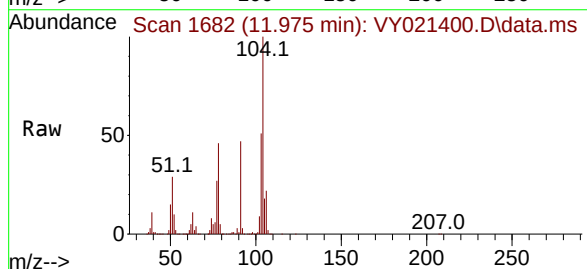
Manual Integrations
APPROVED

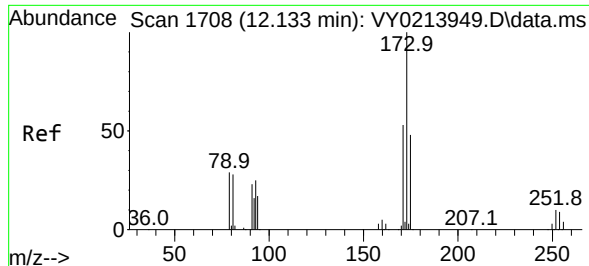
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#70
Styrene
Concen: 108.590 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

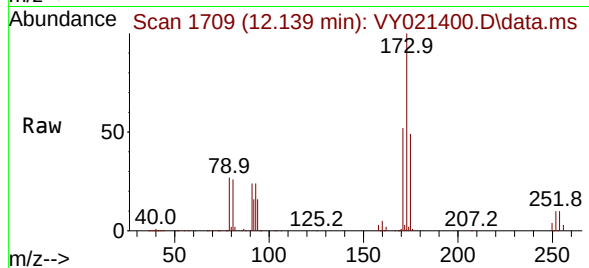
Tgt Ion:104 Resp: 851456
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 54.6 44.1 66.1





#71
Bromoform
Concen: 101.579 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

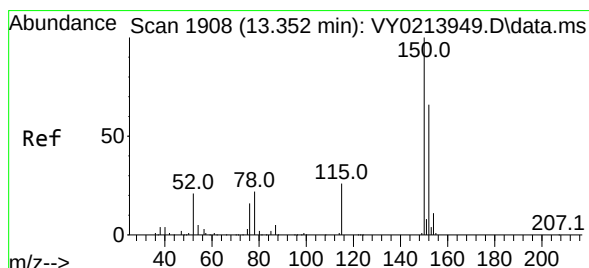
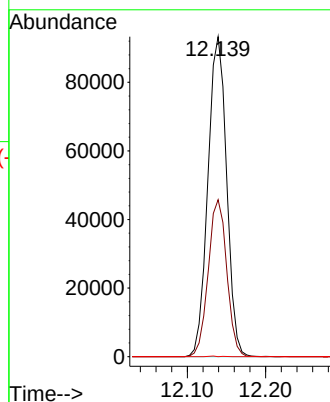
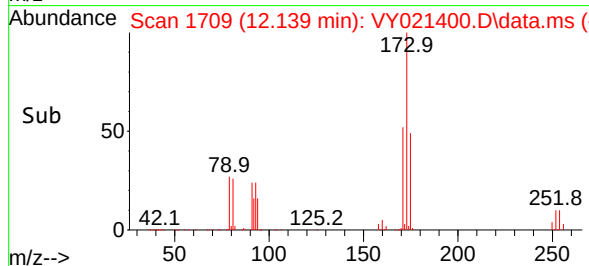
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 15450
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.7
254 0.1 0.1 0.1

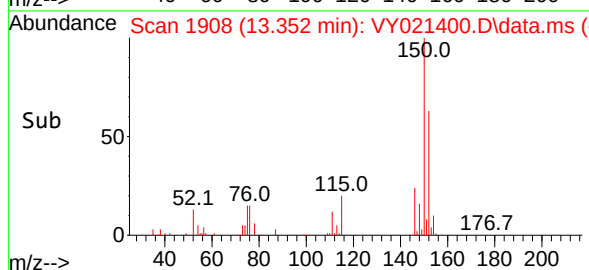
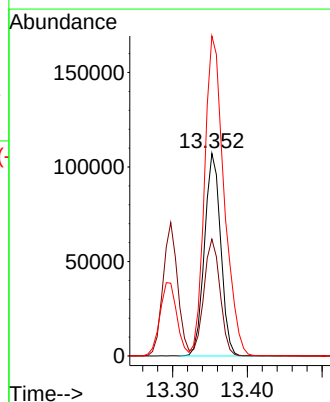
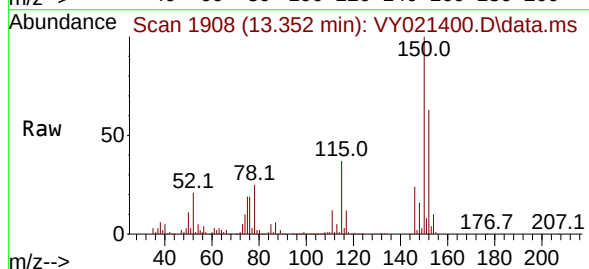
Manual Integrations
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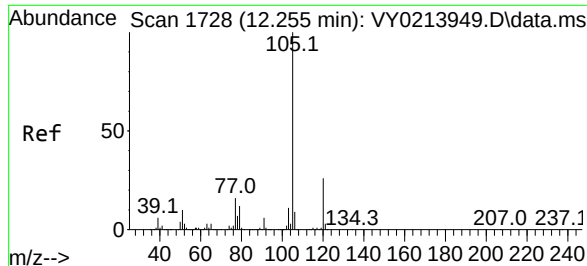
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

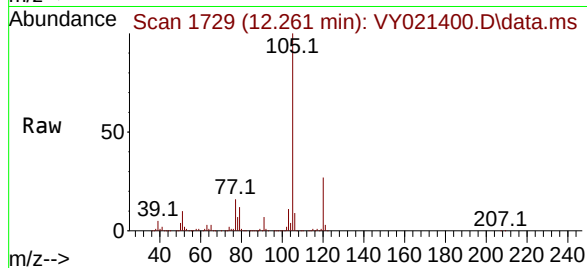
Tgt Ion:152 Resp: 161237
Ion Ratio Lower Upper
152 100
115 57.6 29.0 87.0
150 190.1 0.0 347.2





#73
Isopropylbenzene
Concen: 107.432 ug/l
RT: 12.261 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

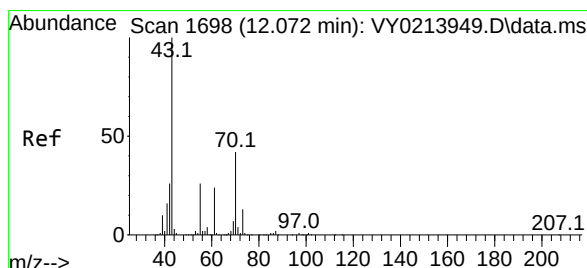
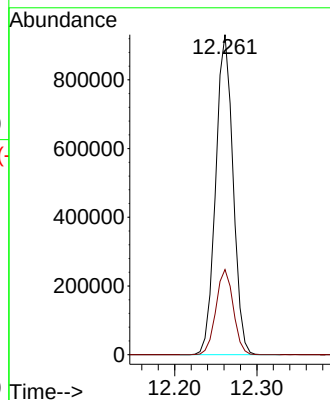
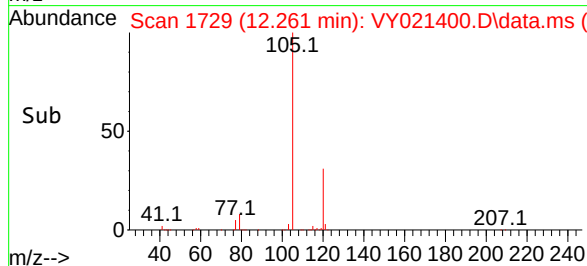
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:105 Resp: 136449
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

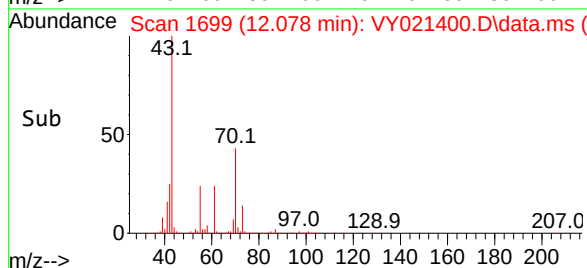
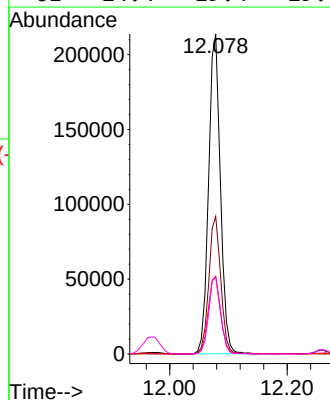
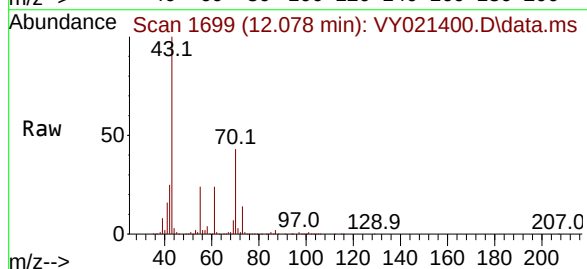
Manual Integrations
APPROVED

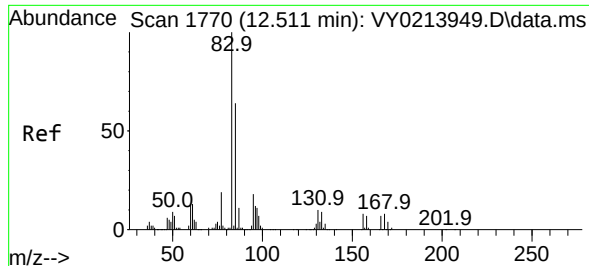
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 108.151 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 43 Resp: 298318
Ion Ratio Lower Upper
43 100
70 43.4 34.6 51.8
55 25.5 21.1 31.7
61 24.4 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 96.028 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 215229

Ion Ratio Lower Upper

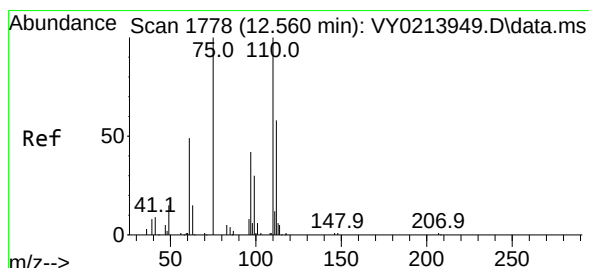
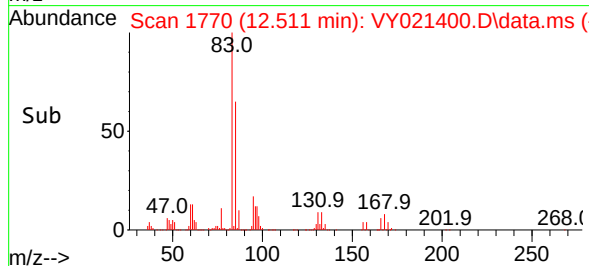
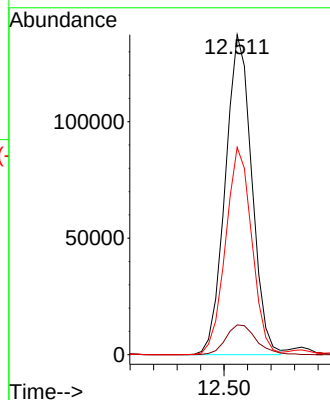
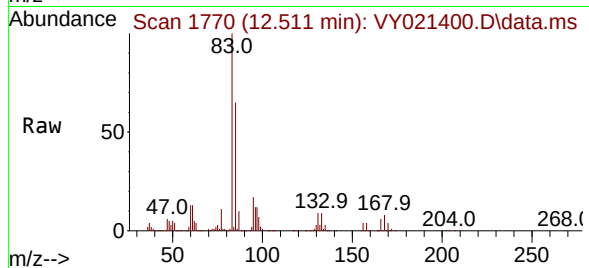
83 100

131 10.7 5.3 16.1

85 64.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#76

1,2,3-Trichloropropane

Concen: 96.949 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021400.D

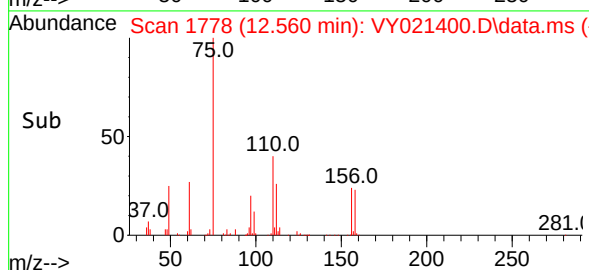
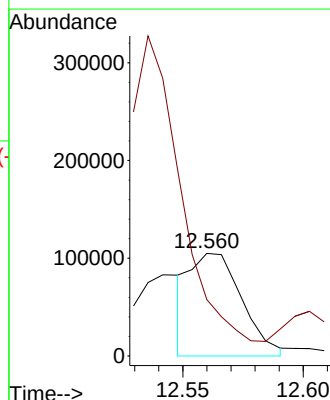
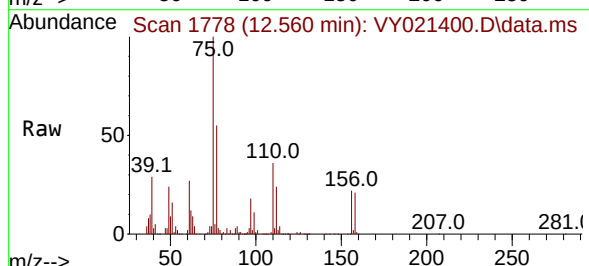
Acq: 04 Mar 2025 11:06

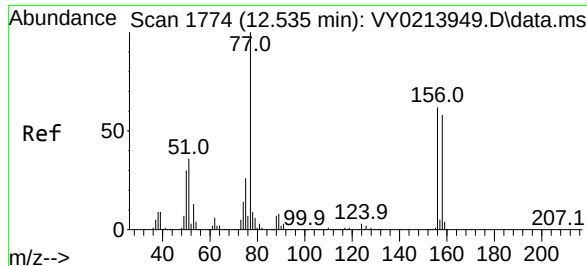
Tgt Ion: 75 Resp: 157519

Ion Ratio Lower Upper

75 100

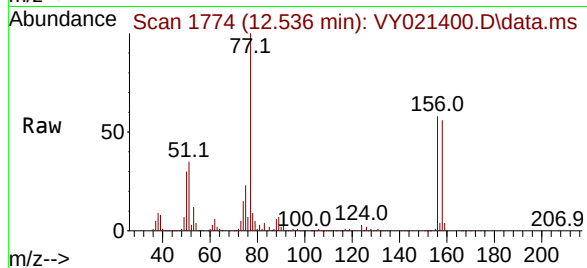
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 101.611 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

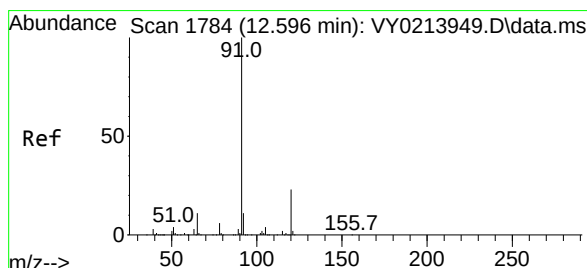
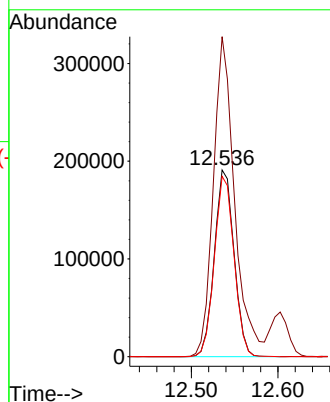
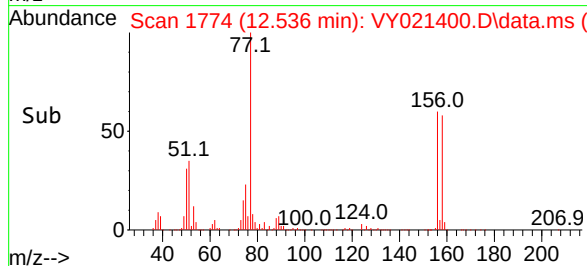
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 156 Resp: 301928
Ion Ratio Lower Upper
156 100
77 184.8 93.6 280.8
158 96.4 48.3 144.8

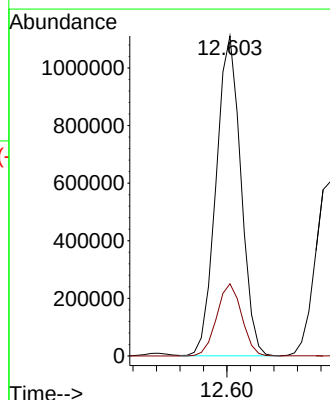
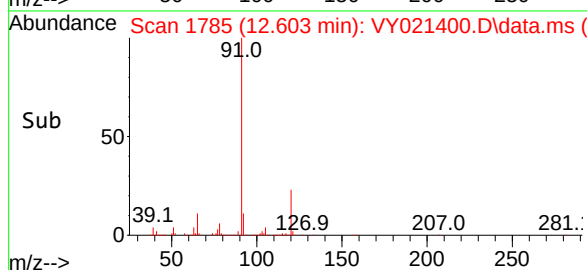
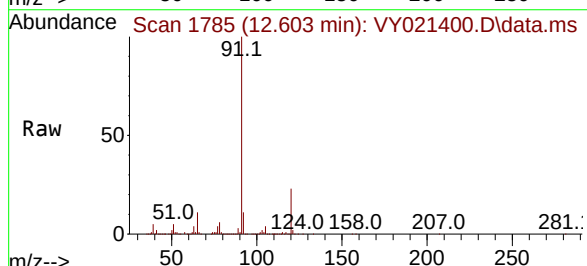
Manual Integrations
APPROVED

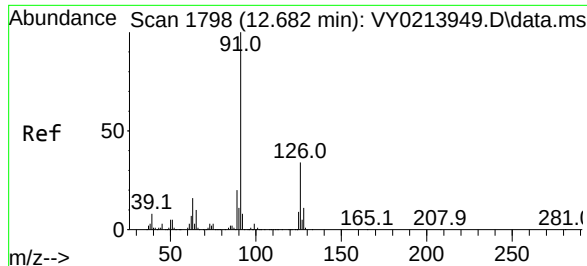
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78
n-propylbenzene
Concen: 105.485 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 91 Resp: 1627111
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





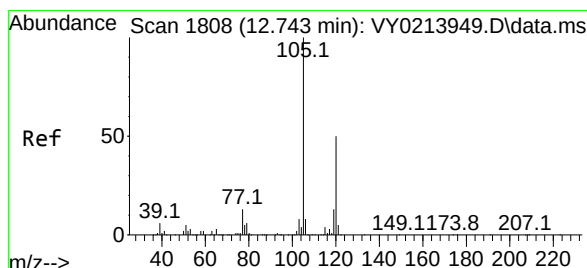
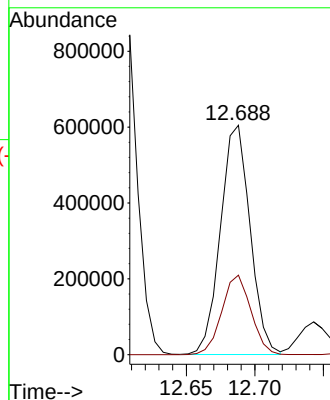
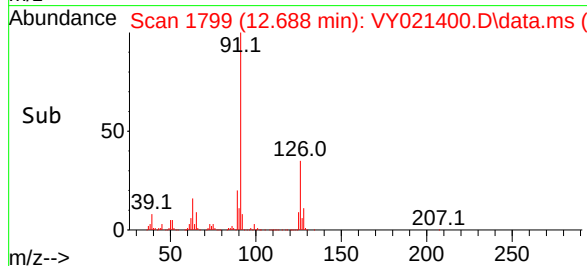
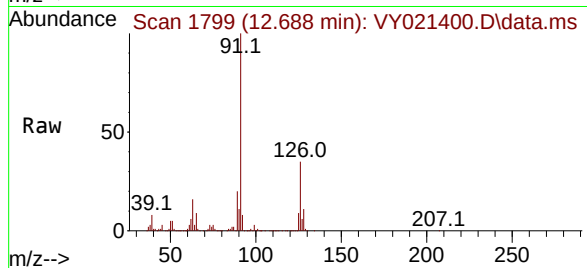
#79
2-Chlorotoluene
Concen: 103.236 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 91054
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6

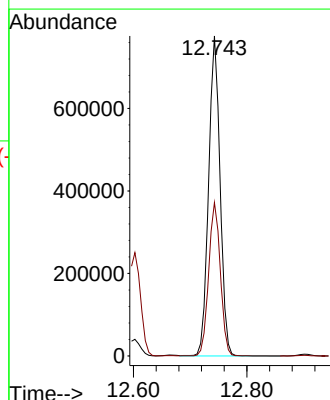
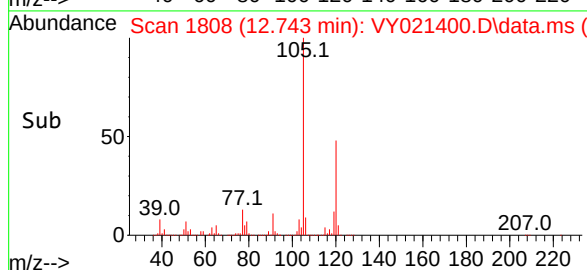
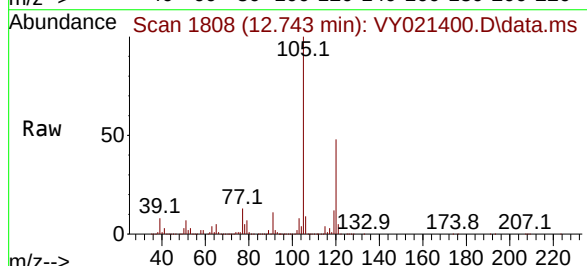
Manual Integrations
APPROVED

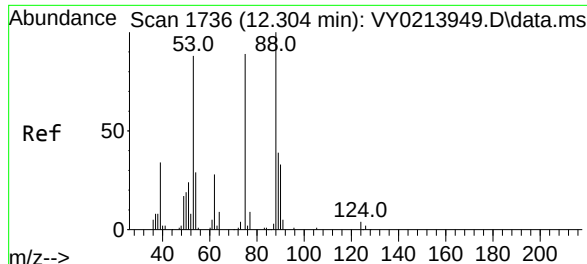
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 105.392 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion:105 Resp: 1087821
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6





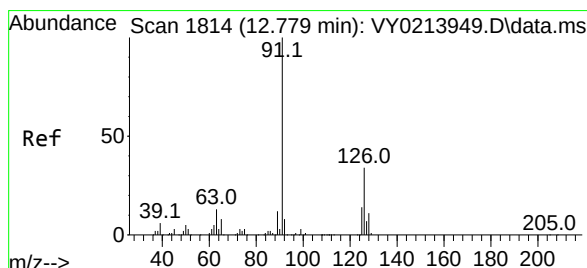
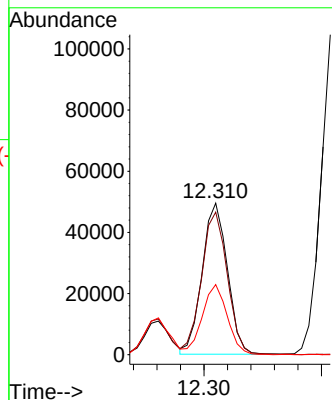
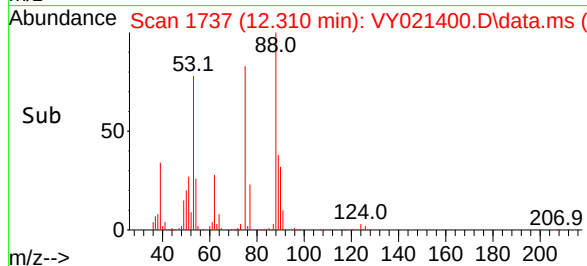
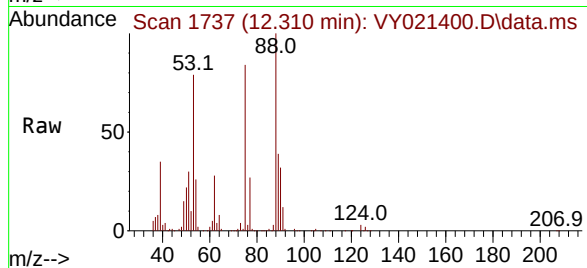
#81
trans-1,4-Dichloro-2-butene
Concen: 103.120 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 7370
Ion Ratio Lower Upper
75 100
53 97.5 81.0 121.4
89 46.3 36.9 55.3

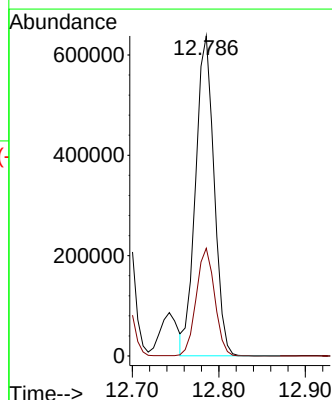
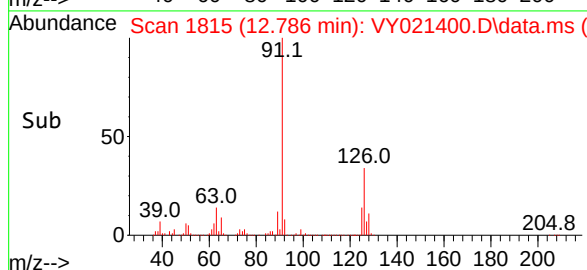
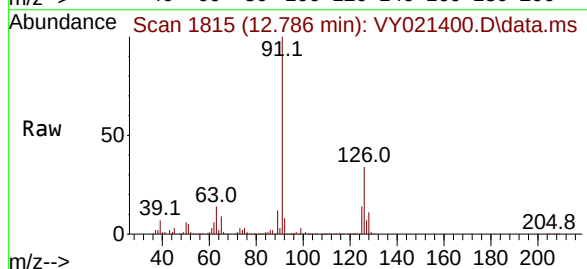
Manual Integrations
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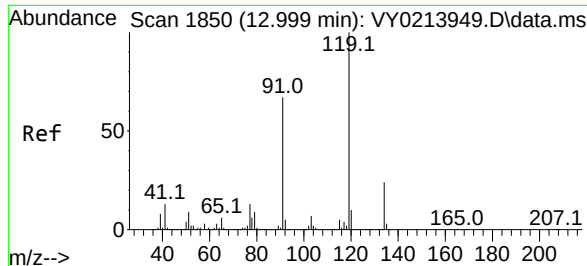
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#82
4-Chlorotoluene
Concen: 103.470 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 91 Resp: 945021
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0





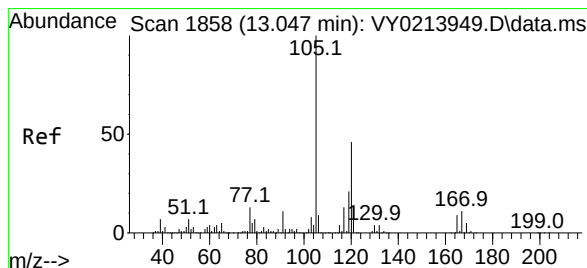
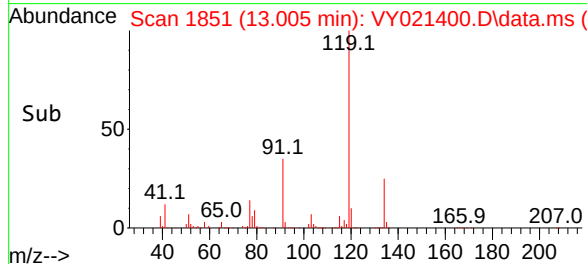
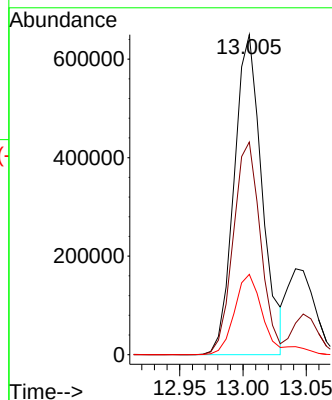
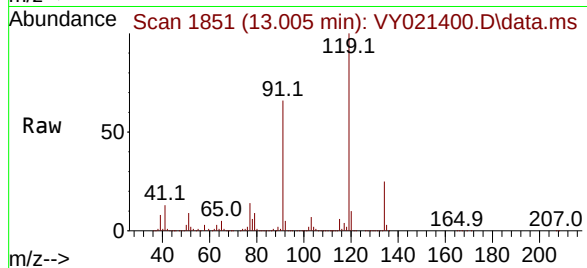
#83
tert-Butylbenzene
Concen: 108.425 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 998360
Ion Ratio Lower Upper
119 100
91 64.9 33.2 99.6
134 26.6 13.5 40.5

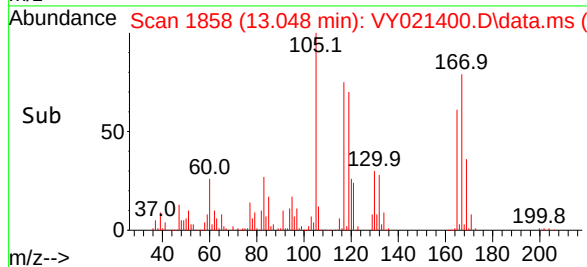
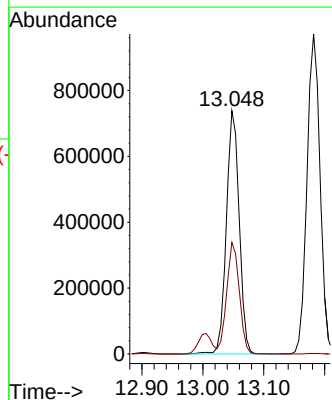
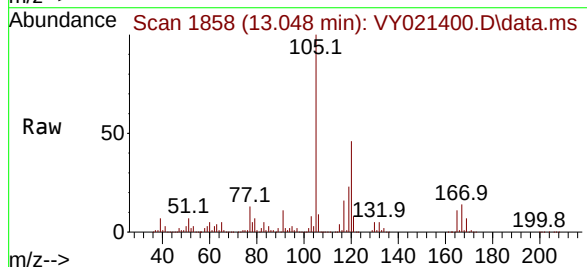
Manual Integrations
APPROVED

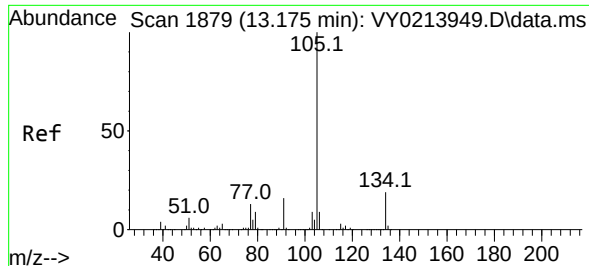
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#84
1,2,4-Trimethylbenzene
Concen: 105.512 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion:105 Resp: 1081299
Ion Ratio Lower Upper
105 100
120 45.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 105.232 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 144167

Ion Ratio Lower Upper

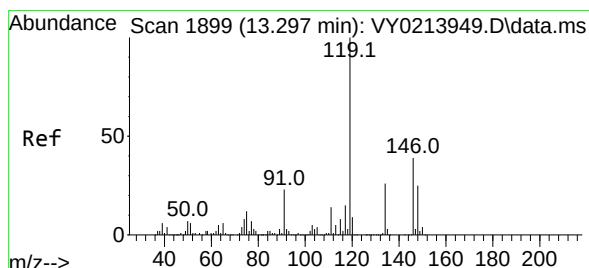
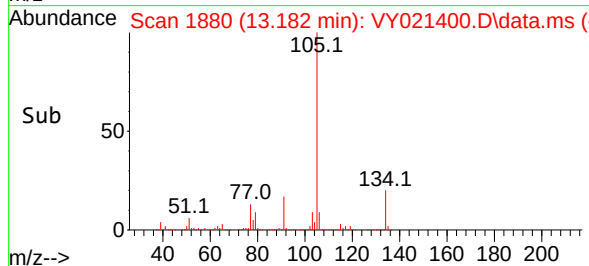
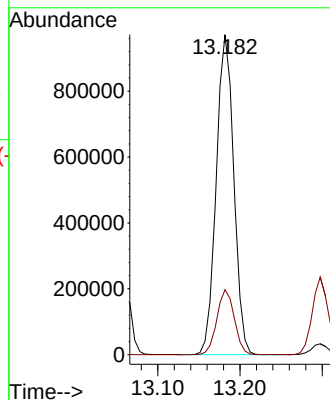
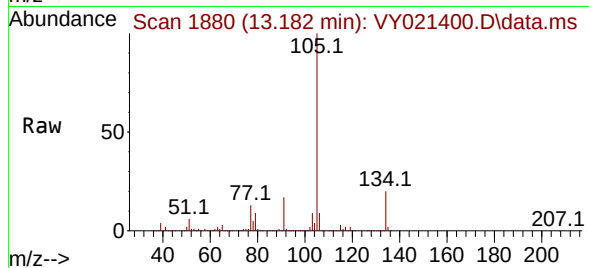
105 100

134 20.2 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025



#86

p-Isopropyltoluene

Concen: 107.466 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

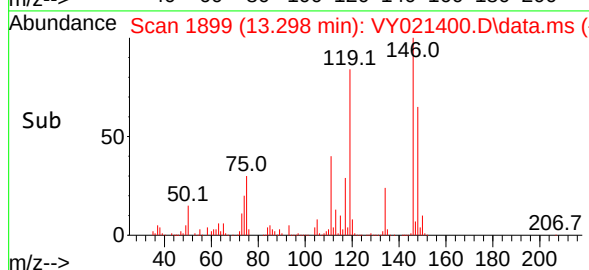
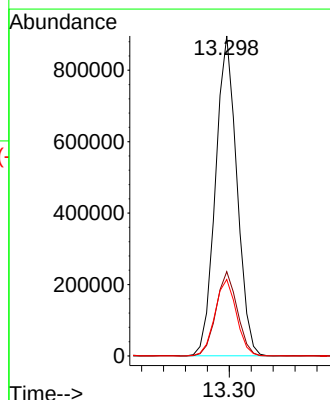
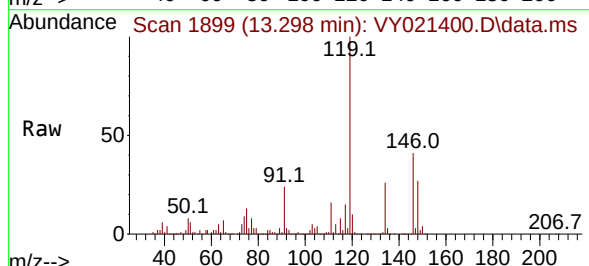
Tgt Ion:119 Resp: 1212941

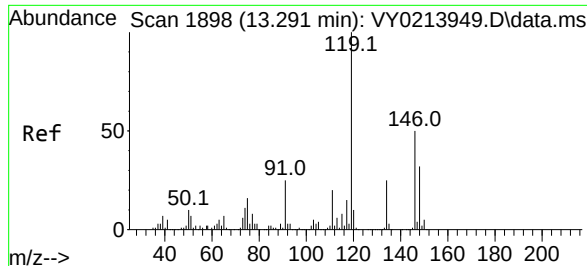
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 24.2 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 100.292 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 59320

Ion Ratio Lower Upper

146 100

111 40.4 20.0 60.0

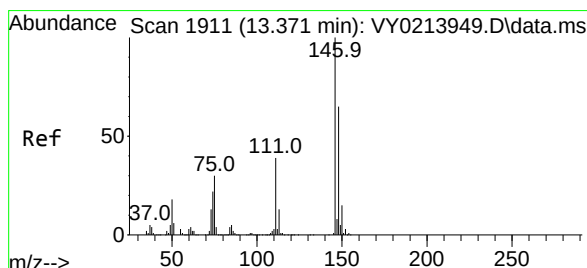
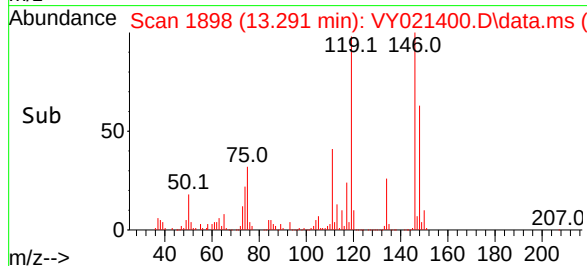
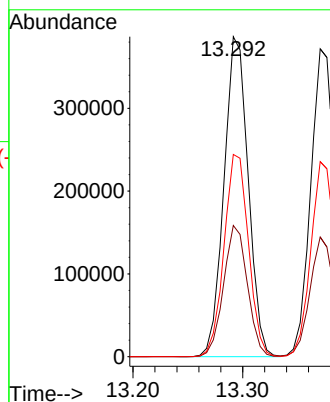
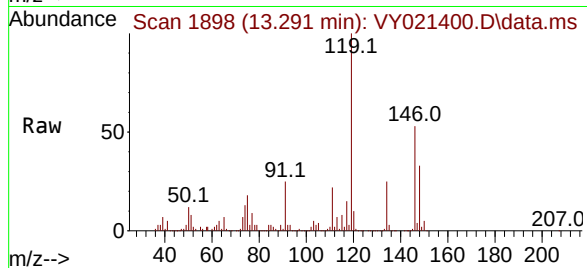
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#88

1,4-Dichlorobenzene

Concen: 99.419 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

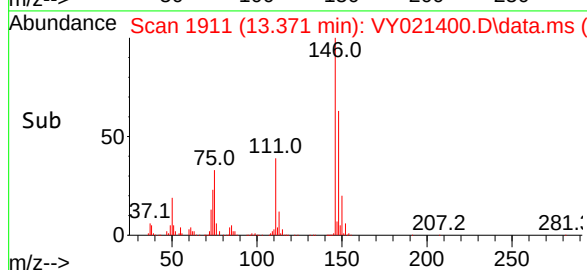
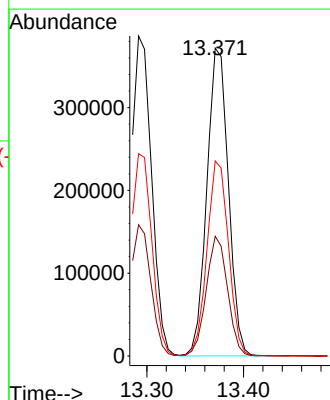
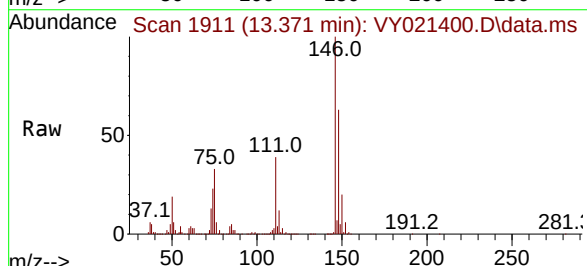
Tgt Ion:146 Resp: 575089

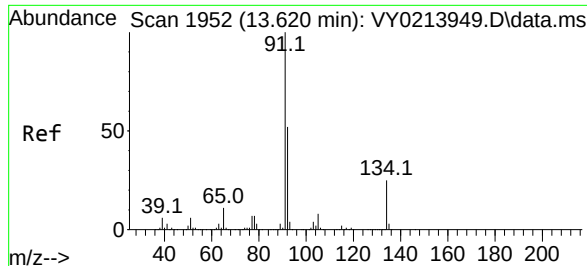
Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.8

148 63.3 32.3 96.8





#89

n-Butylbenzene

Concen: 109.374 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021400.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1139920

Ion Ratio Lower Upper

91 100

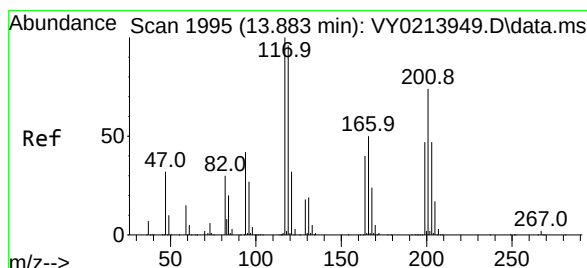
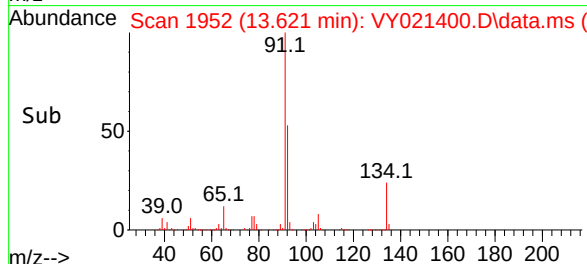
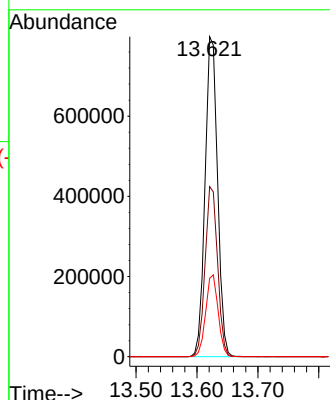
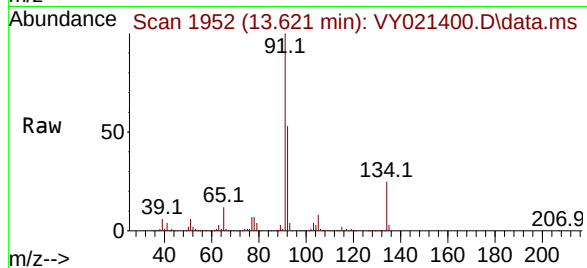
92 53.2 26.1 78.3

134 25.5 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#90

Hexachloroethane

Concen: 101.612 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY021400.D

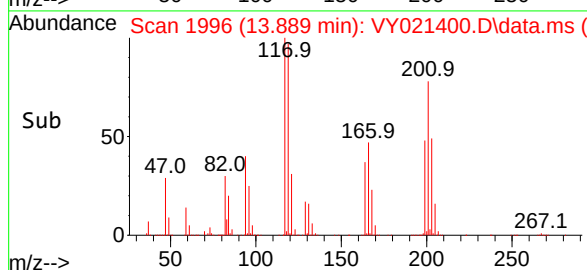
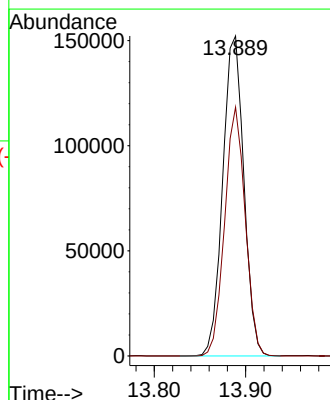
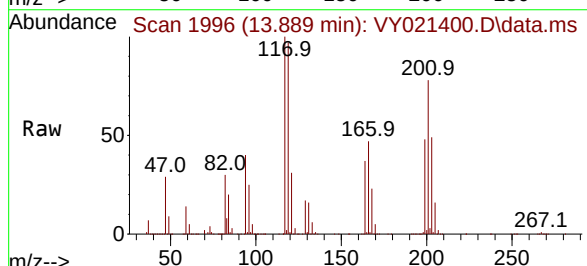
Acq: 04 Mar 2025 11:06

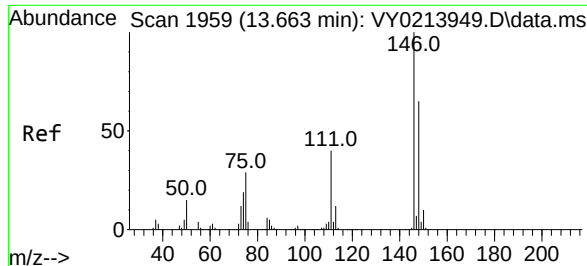
Tgt Ion:117 Resp: 244664

Ion Ratio Lower Upper

117 100

201 75.6 37.4 112.2





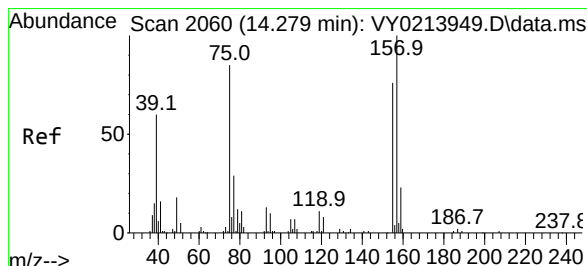
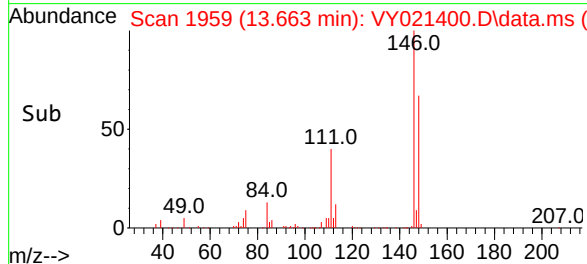
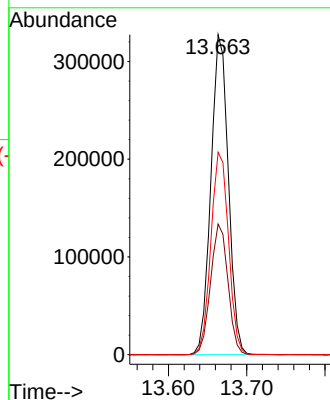
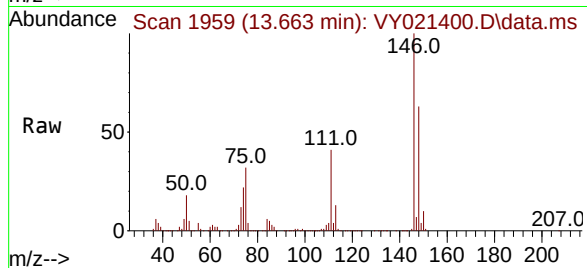
#91
1,2-Dichlorobenzene
Concen: 99.761 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 50573
Ion Ratio Lower Upper
146 100
111 40.7 20.7 62.1
148 64.2 32.1 96.5

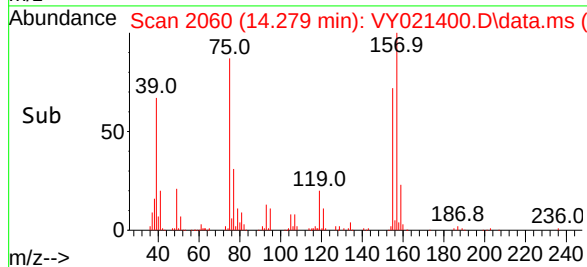
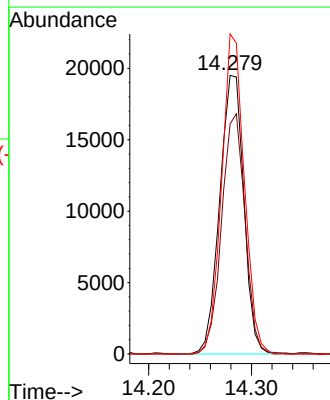
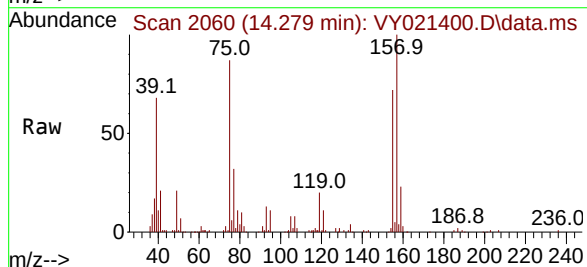
Manual Integrations
APPROVED

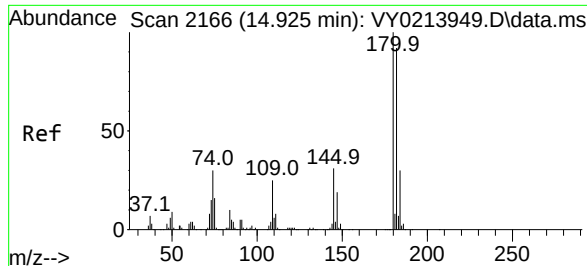
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 94.443 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

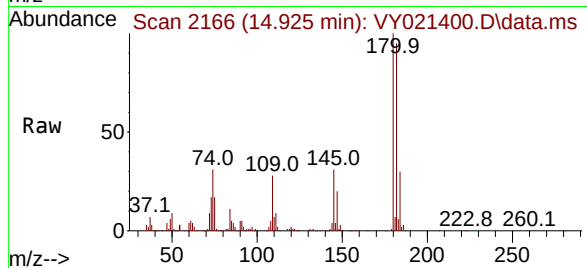
Tgt Ion: 75 Resp: 31708
Ion Ratio Lower Upper
75 100
155 83.8 43.5 130.5
157 108.1 54.4 163.2





#93
1,2,4-Trichlorobenzene
Concen: 107.869 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

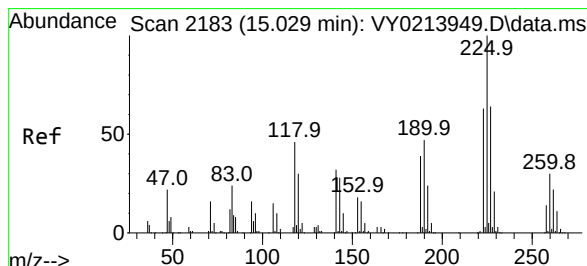
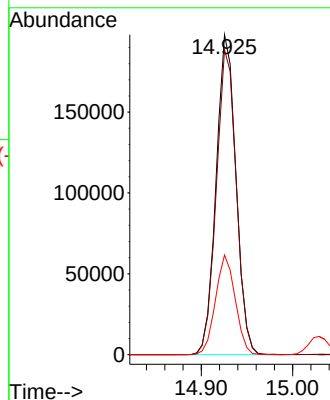
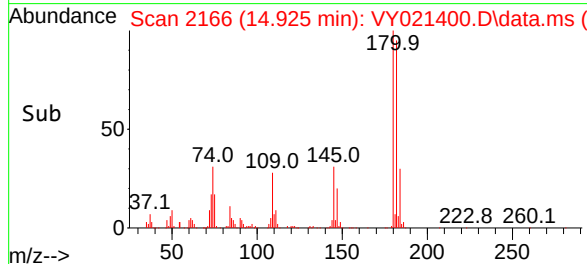
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



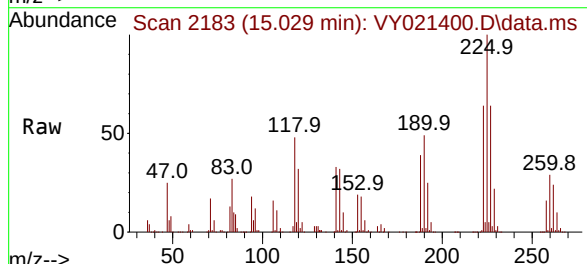
Tgt Ion:180 Resp: 298684
Ion Ratio Lower Upper
180 100
182 95.9 46.7 140.0
145 30.9 15.6 46.8

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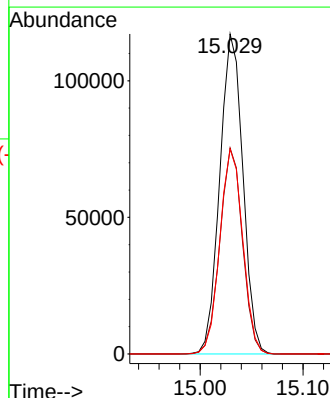
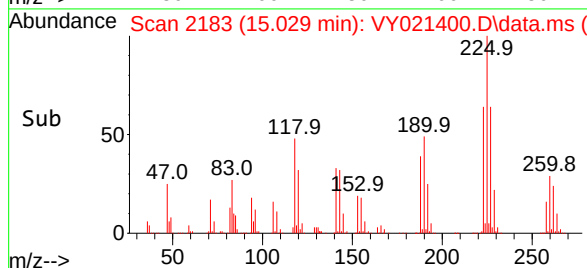
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

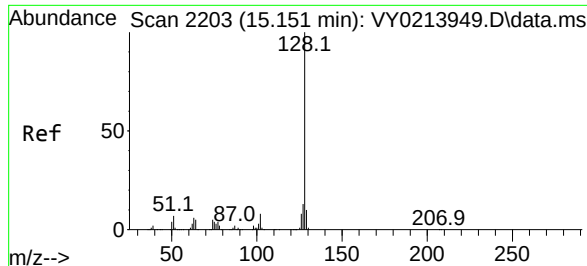


#94
Hexachlorobutadiene
Concen: 105.287 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06



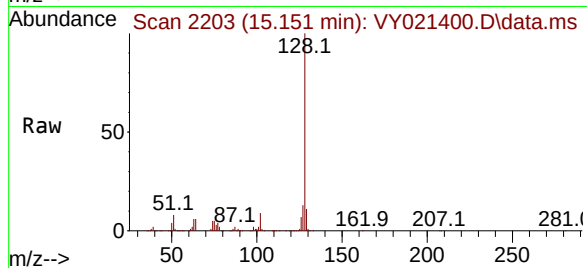
Tgt Ion:225 Resp: 182747
Ion Ratio Lower Upper
225 100
223 62.8 31.4 94.2
227 63.5 31.8 95.4





#95
Naphthalene
Concen: 97.607 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

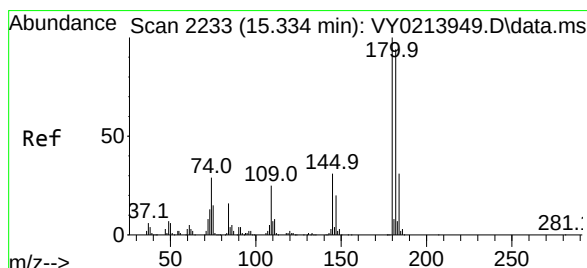
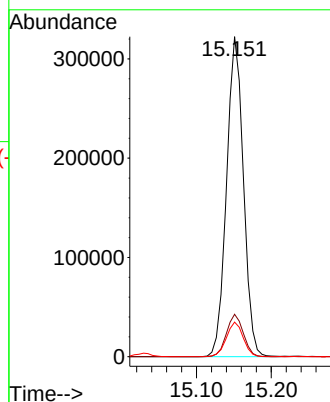
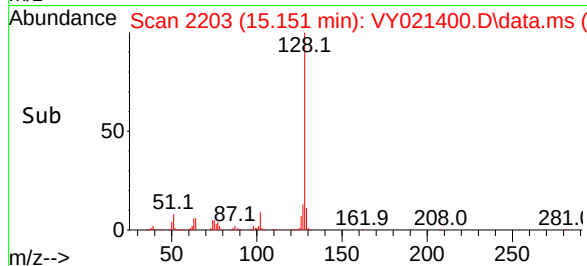
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 506570
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.8 8.6 13.0

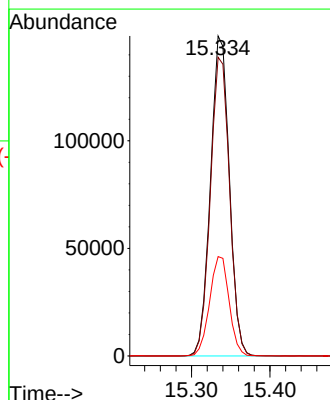
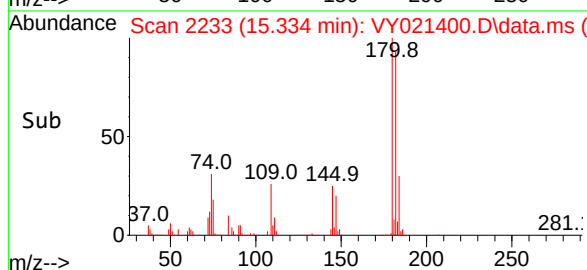
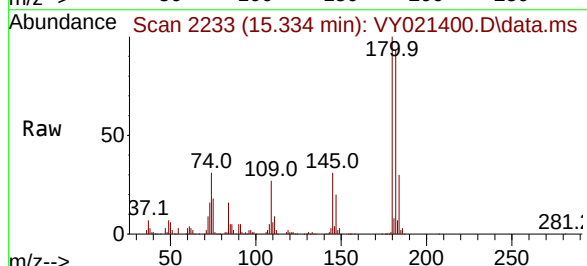
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 106.805 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021400.D
Acq: 04 Mar 2025 11:06

Tgt Ion:180 Resp: 248728
Ion Ratio Lower Upper
180 100
182 95.0 47.2 141.6
145 32.0 16.4 49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021401.D
 Acq On : 04 Mar 2025 11:29
 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 03/06/2025
 Supervised By : Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:01:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	266755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	403017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	355825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	173358	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	382016	135.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 270.980%#	
35) Dibromofluoromethane	7.640	113	376382	142.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 284.160%#	
50) Toluene-d8	10.109	98	1454175	144.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 289.960%#	
62) 4-Bromofluorobenzene	12.408	95	489437	143.450	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 286.900%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	343152	140.181	ug/l	97
3) Chloromethane	2.074	50	464459	134.578	ug/l	99
4) Vinyl Chloride	2.208	62	532492	141.188	ug/l	99
5) Bromomethane	2.592	94	374688	137.459	ug/l	98
6) Chloroethane	2.739	64	345714	138.708	ug/l	97
7) Trichlorofluoromethane	3.062	101	748024	142.097	ug/l	99
8) Diethyl Ether	3.458	74	210548	144.324	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	419826	139.685	ug/l	99
10) Methyl Iodide	4.013	142	485205	158.816	ug/l	98
11) Tert butyl alcohol	4.872	59	132243	768.076	ug/l	100
12) 1,1-Dichloroethene	3.793	96	395483	144.329	ug/l	99
13) Acrolein	3.659	56	16610	115.824	ug/l	89
14) Allyl chloride	4.391	41	650795	146.966	ug/l	99
15) Acrylonitrile	5.061	53	454097	731.212	ug/l	99
16) Acetone	3.873	43	380537	618.814	ug/l	94
17) Carbon Disulfide	4.110	76	1237407	144.094	ug/l	100
18) Methyl Acetate	4.391	43	205359	150.507	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	1052192	151.501	ug/l	99
20) Methylene Chloride	4.622	84	405442	125.603	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	436290	142.173	ug/l	99
22) Diisopropyl ether	6.025	45	1390733	145.730	ug/l	96
23) Vinyl Acetate	5.964	43	4142519	760.601	ug/l	99
24) 1,1-Dichloroethane	5.921	63	793059	140.803	ug/l	99
25) 2-Butanone	6.896	43	604502	710.631	ug/l	99
26) 2,2-Dichloropropane	6.890	77	740961	142.975	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	511211	146.639	ug/l	98
28) Bromochloromethane	7.250	49	304092	128.781	ug/l	98
29) Tetrahydrofuran	7.262	42	392146	746.729	ug/l	99
30) Chloroform	7.427	83	823431	140.790	ug/l	98
31) Cyclohexane	7.707	56	731684	138.566	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	762807	142.442	ug/l	99
36) 1,1-Dichloropropene	7.841	75	609596	147.009	ug/l	99
37) Ethyl Acetate	6.988	43	271579	145.189	ug/l	99
38) Carbon Tetrachloride	7.823	117	700638	146.916	ug/l	100
39) Methylcyclohexane	9.109	83	808497	158.954	ug/l	99
40) Benzene	8.085	78	1781188	145.818	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021401.D
 Acq On : 04 Mar 2025 11:29
 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 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:01:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	150455	147.676	ug/l #	92
42) 1,2-Dichloroethane	8.164	62	493103	144.299	ug/l	99
43) Isopropyl Acetate	8.201	43	557010	156.557	ug/l	99
44) Trichloroethene	8.866	130	456841	148.000	ug/l	96
45) 1,2-Dichloropropane	9.146	63	419433	144.273	ug/l	98
46) Dibromomethane	9.231	93	239577	148.107	ug/l	99
47) Bromodichloromethane	9.426	83	629944	146.641	ug/l	100
48) Methyl methacrylate	9.225	41	268043	162.482	ug/l	99
49) 1,4-Dioxane	9.231	88	51411	3238.027	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	1468813	800.119	ug/l	99
52) Toluene	10.176	92	1158338	150.411	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	598438	158.120	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	684617	152.359	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	310174	146.586	ug/l	99
56) Ethyl methacrylate	10.444	69	466697	172.939	ug/l	99
57) 1,3-Dichloropropane	10.719	76	545711	148.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	1094099	878.264	ug/l	99
59) 2-Hexanone	10.762	43	983959	810.617	ug/l	100
60) Dibromochloromethane	10.914	129	436855	150.595	ug/l	99
61) 1,2-Dibromoethane	11.018	107	298827	149.635	ug/l	98
64) Tetrachloroethene	10.652	164	419107	144.847	ug/l	99
65) Chlorobenzene	11.444	112	1243163	147.949	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	442377	148.911	ug/l	100
67) Ethyl Benzene	11.524	91	2291269	155.358	ug/l	100
68) m/p-Xylenes	11.633	106	1713936	306.103	ug/l	99
69) o-Xylene	11.956	106	805321	156.057	ug/l	99
70) Styrene	11.975	104	1352252	157.956	ug/l	99
71) Bromoform	12.133	173	253882	152.878	ug/l #	98
73) Isopropylbenzene	12.255	105	2144893	157.067	ug/l	99
74) N-amyl acetate	12.072	43	521557	175.863	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	358734	148.865	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	241297m	138.129	ug/l	
77) Bromobenzene	12.536	156	485258	151.891	ug/l	98
78) n-propylbenzene	12.597	91	2550395	153.780	ug/l	100
79) 2-Chlorotoluene	12.682	91	1439597	151.808	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1704391	153.582	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	126267	164.316	ug/l	95
82) 4-Chlorotoluene	12.779	91	1468603	149.554	ug/l	100
83) tert-Butylbenzene	12.999	119	1538803	155.433	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	1713052	155.470	ug/l	99
85) sec-Butylbenzene	13.182	105	2277976	154.650	ug/l	99
86) p-Isopropyltoluene	13.298	119	1940795	159.931	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	947577	149.004	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	917648	147.547	ug/l	99
89) n-Butylbenzene	13.621	91	1818773	162.308	ug/l	98
90) Hexachloroethane	13.883	117	393459	151.984	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	811529	148.890	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	56205	155.702	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	517199	173.726	ug/l	98
94) Hexachlorobutadiene	15.029	225	302517	162.105	ug/l	99
95) Naphthalene	15.151	128	925079	150.626	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	434430	173.503	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021401.D
Acq On : 04 Mar 2025 11:29
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 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:01:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

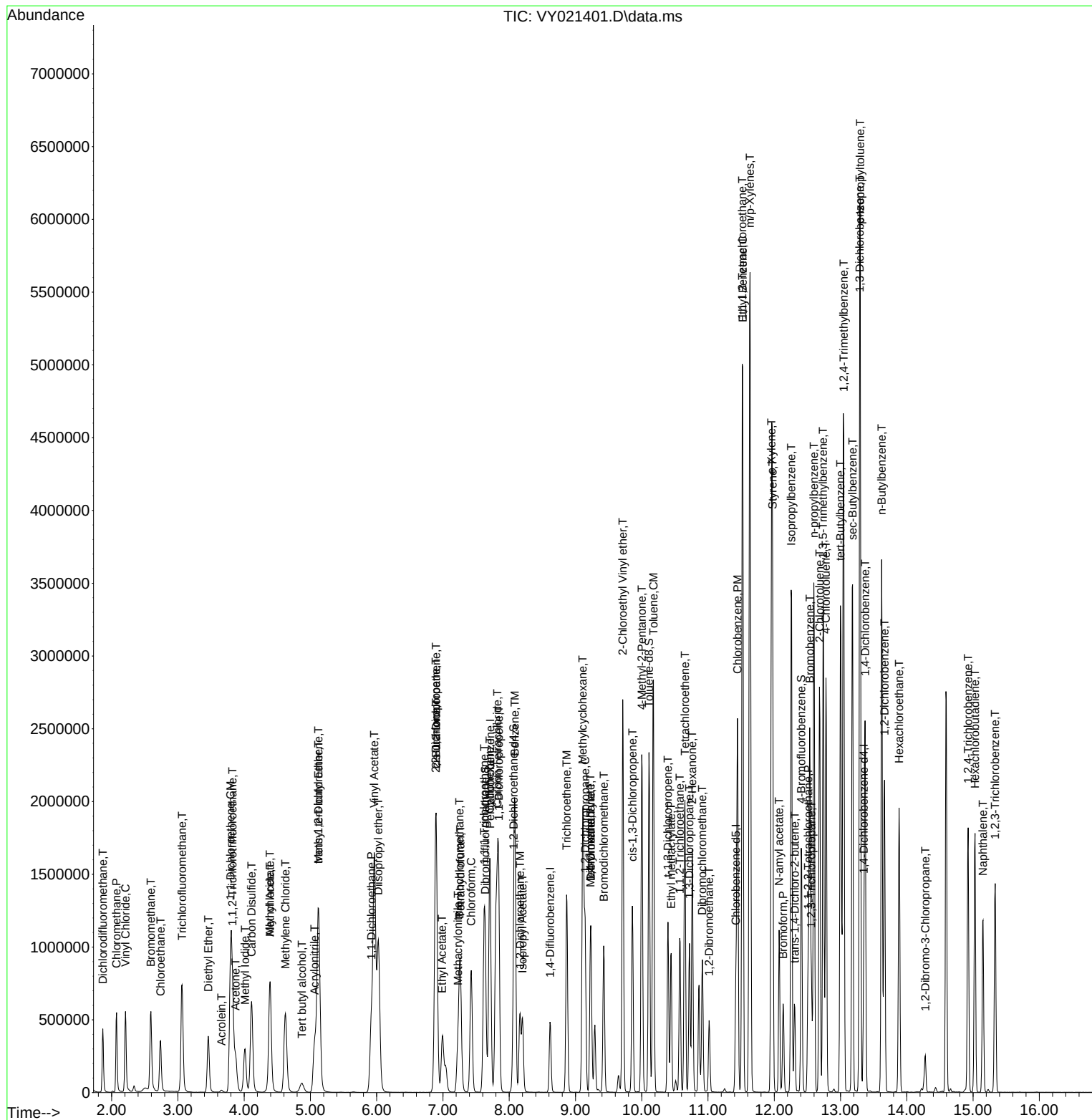
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

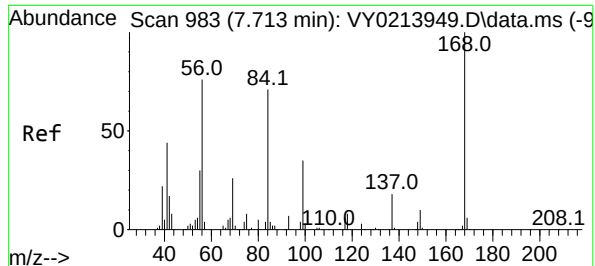
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Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations

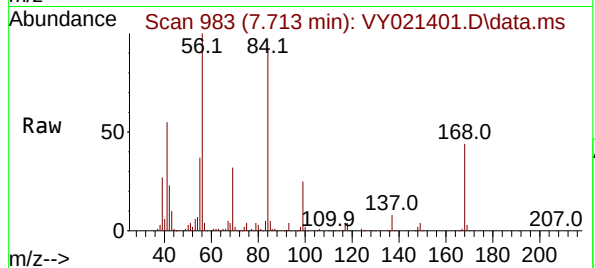
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

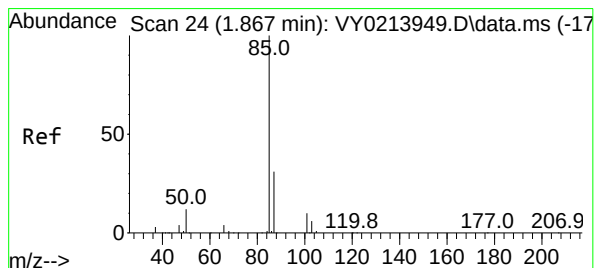
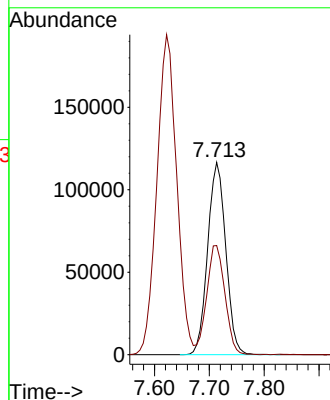
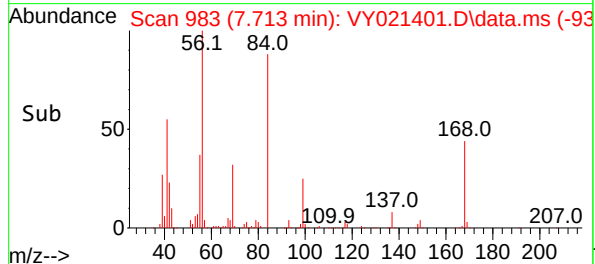
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 168 Resp: 26675
Ion Ratio Lower Upper
168 100
99 56.5 46.0 69.0

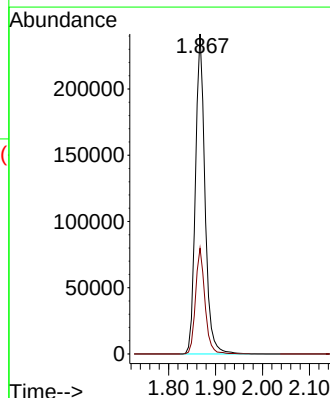
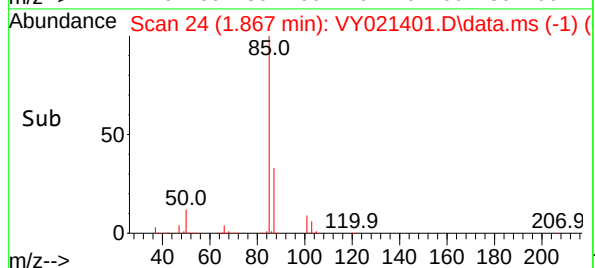
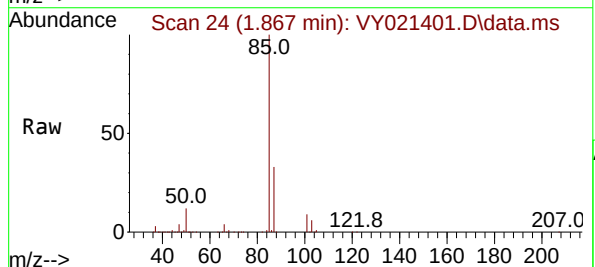
Manual Integrations
APPROVED

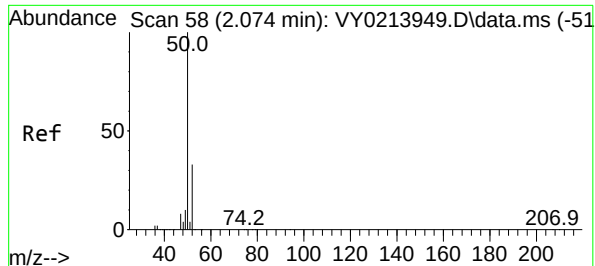
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 140.181 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 85 Resp: 343152
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0





#3

Chloromethane

Concen: 134.578 ug/l

RT: 2.074 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 50 Resp: 464459

Ion Ratio Lower Upper

50 100

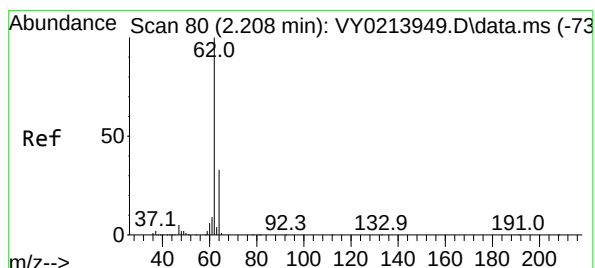
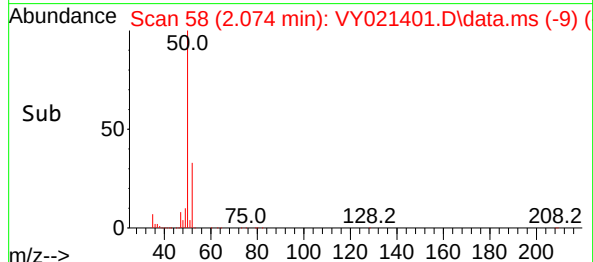
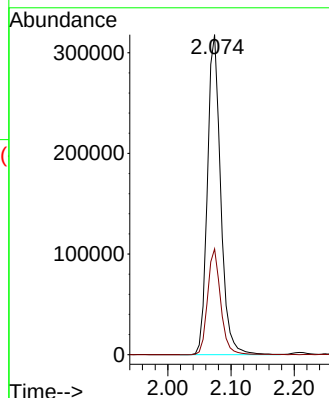
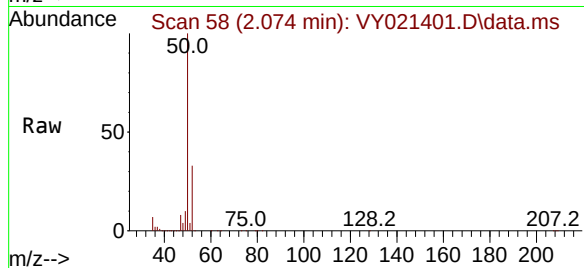
52 33.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#4

Vinyl Chloride

Concen: 141.188 ug/l

RT: 2.208 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021401.D

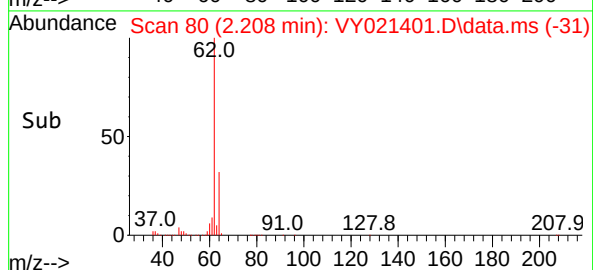
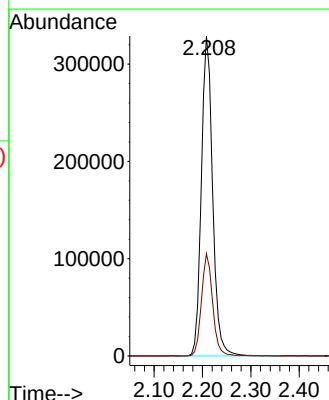
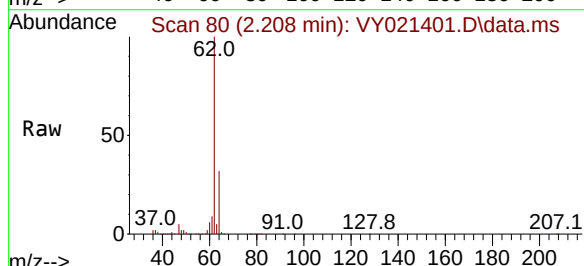
Acq: 04 Mar 2025 11:29

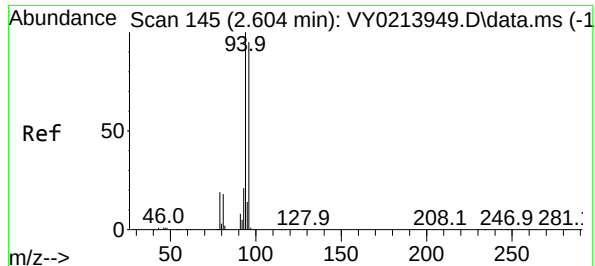
Tgt Ion: 62 Resp: 532492

Ion Ratio Lower Upper

62 100

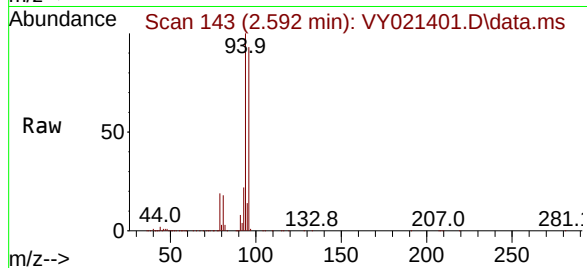
64 31.9 26.2 39.2





#5
Bromomethane
Concen: 137.459 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

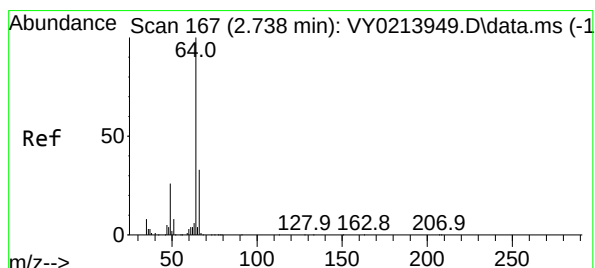
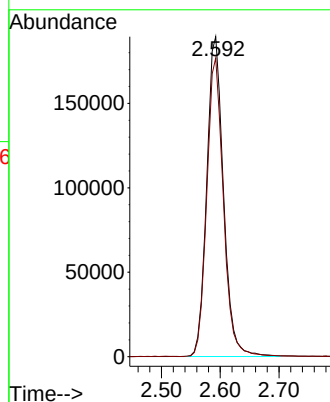
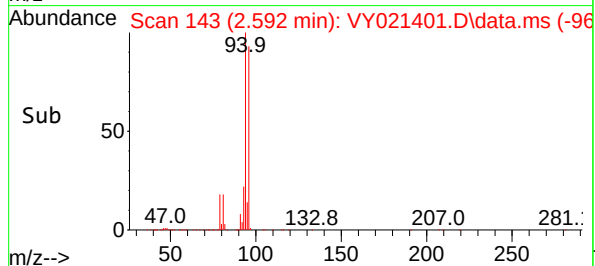
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 374688
Ion Ratio Lower Upper
94 100
96 93.3 76.3 114.5

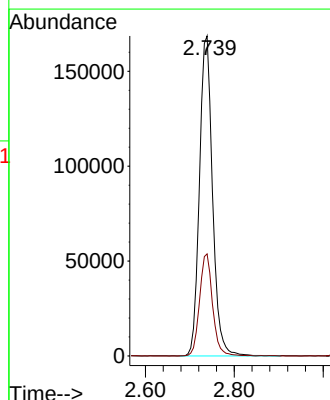
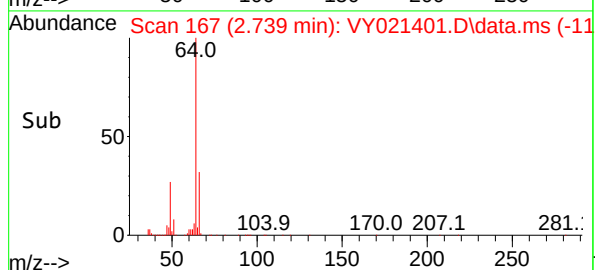
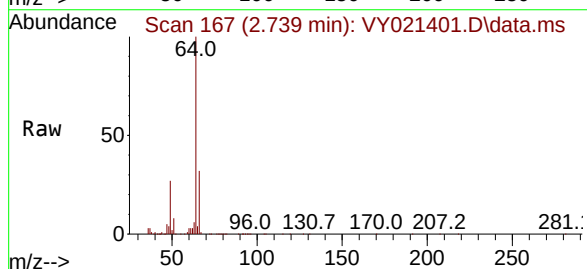
Manual Integrations
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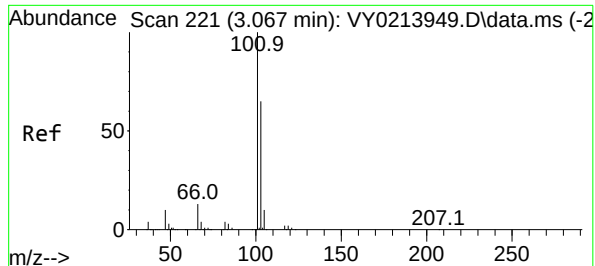
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#6
Chloroethane
Concen: 138.708 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

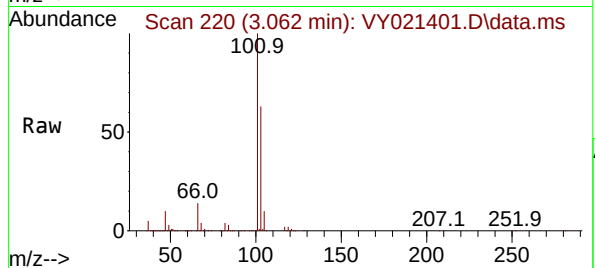
Tgt Ion: 64 Resp: 345714
Ion Ratio Lower Upper
64 100
66 31.9 26.7 40.1





#7
Trichlorofluoromethane
Concen: 142.097 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

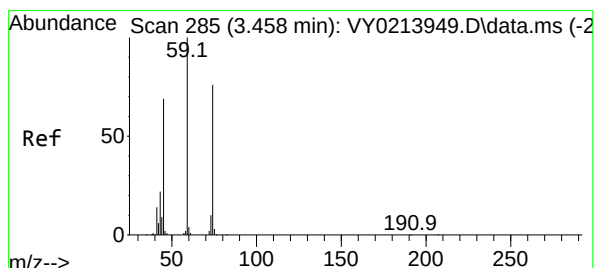
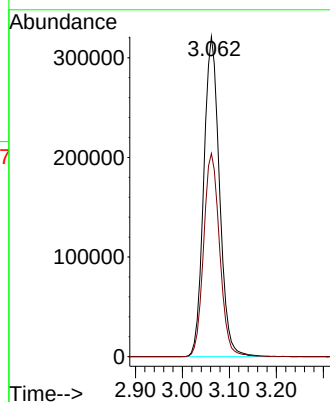
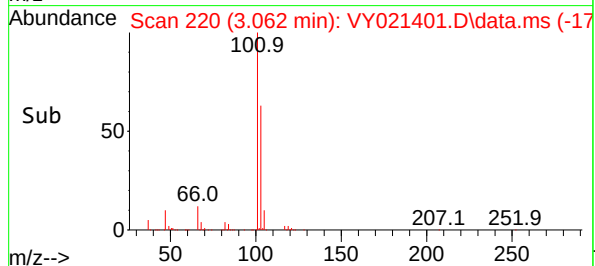
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 748024
Ion Ratio Lower Upper
101 100
103 63.5 51.7 77.5

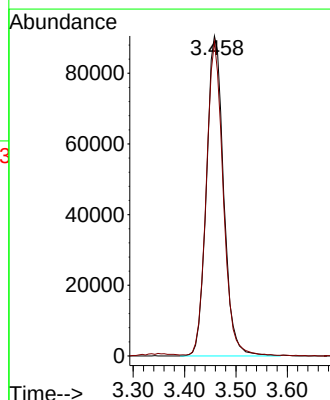
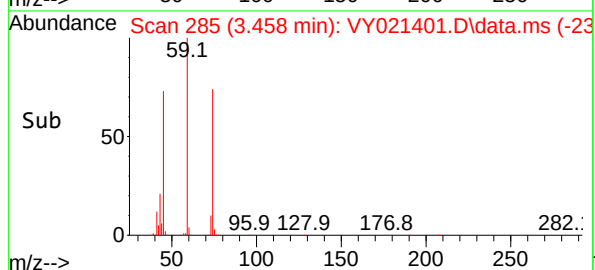
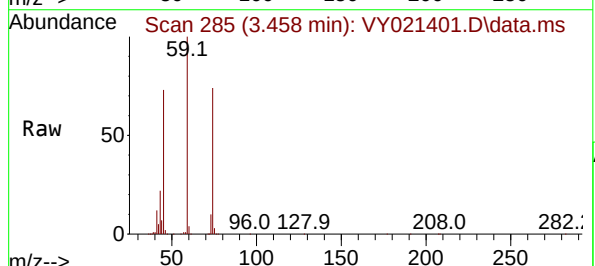
Manual Integrations
APPROVED

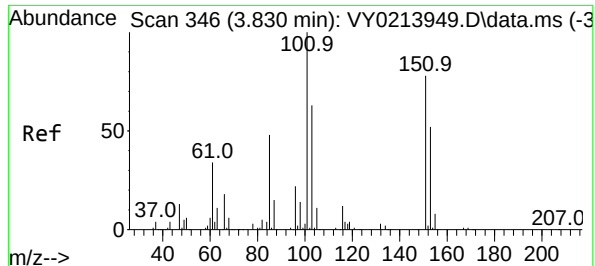
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#8
Diethyl Ether
Concen: 144.324 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 74 Resp: 210548
Ion Ratio Lower Upper
74 100
45 96.0 49.7 149.1





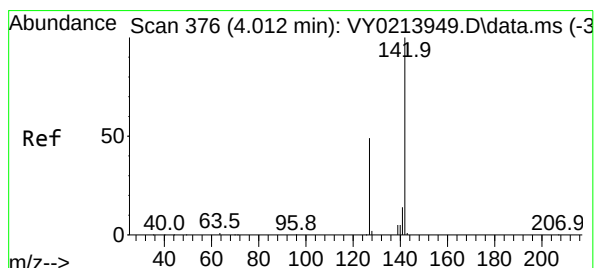
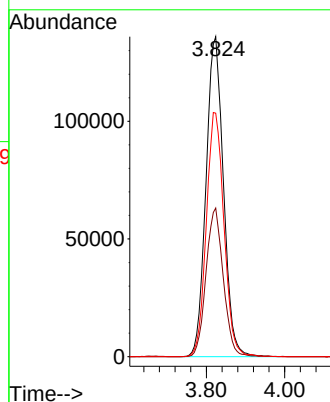
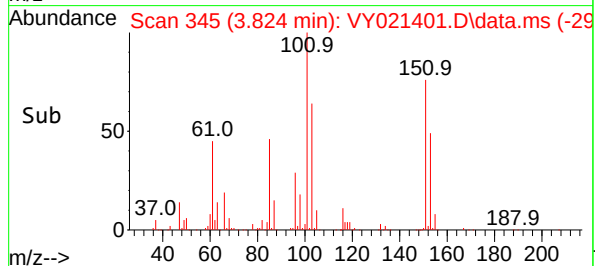
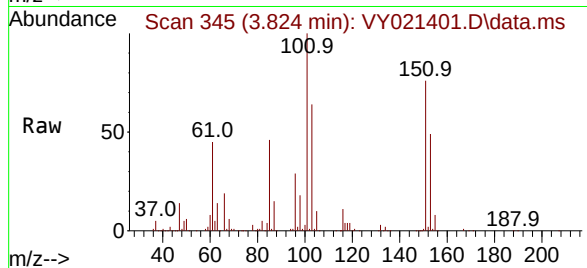
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1,1,2-Trichlorotrifluoroethane
Concen: 139.685 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 419820
Ion Ratio Lower Upper
101 100
85 46.0 37.1 55.7
151 77.2 62.1 93.1

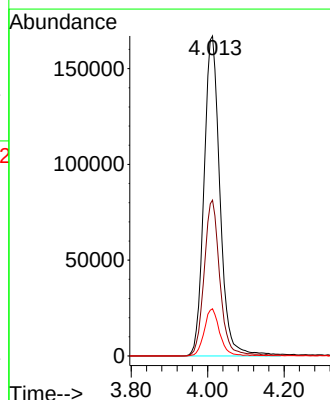
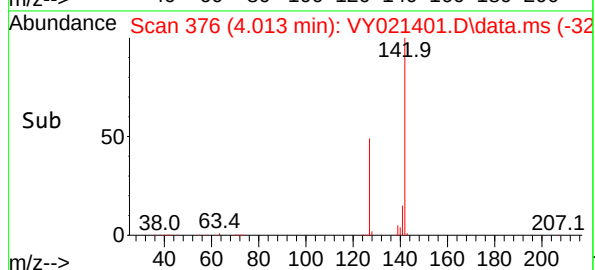
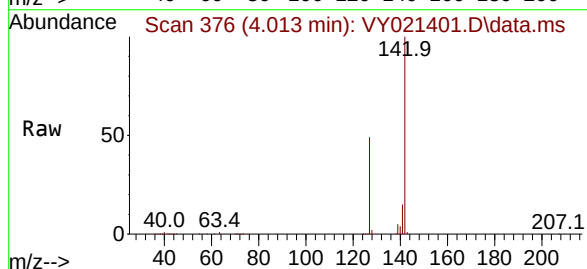
Manual Integrations
APPROVED

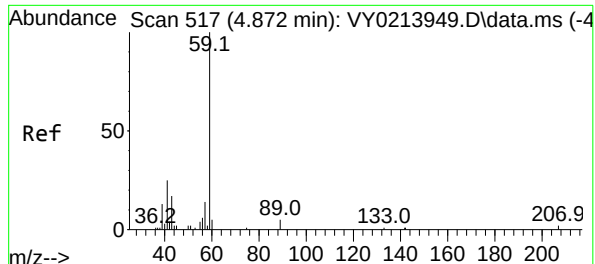
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 158.816 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

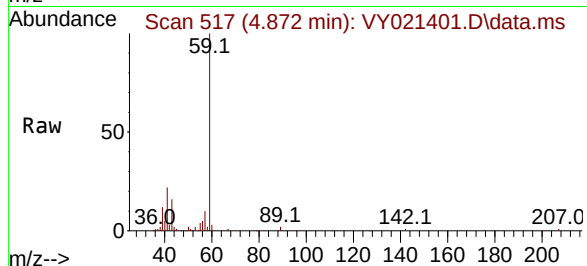
Tgt Ion:142 Resp: 485205
Ion Ratio Lower Upper
142 100
127 47.8 39.1 58.7
141 14.2 11.8 17.6





#11
Tert butyl alcohol
Concen: 768.076 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

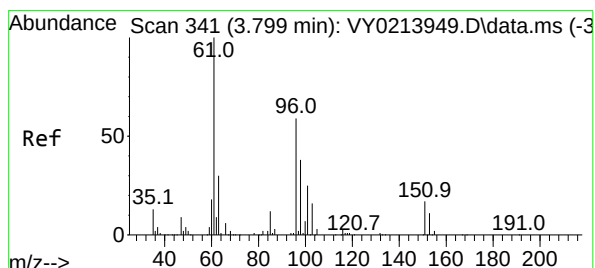
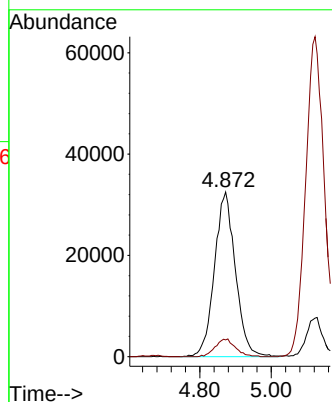
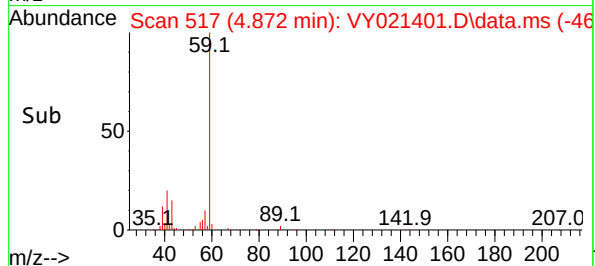
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



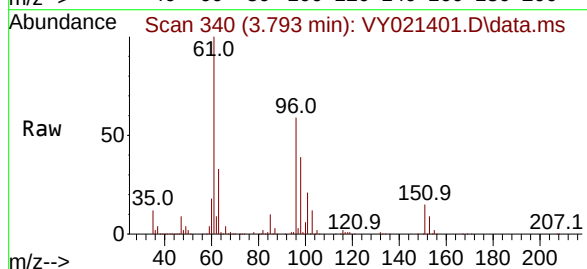
Tgt Ion: 59 Resp: 13224
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

Manual Integrations
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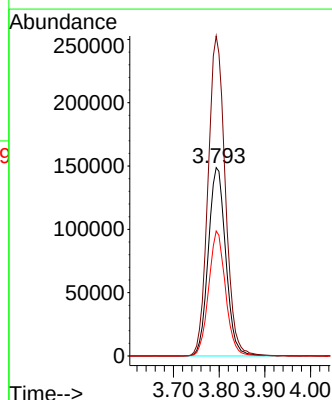
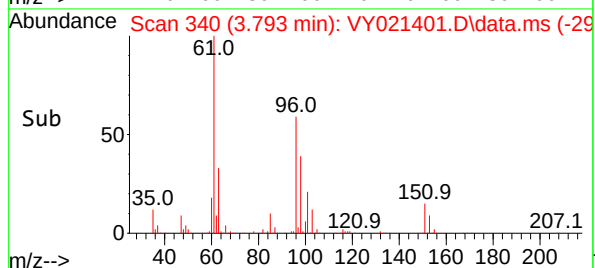
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

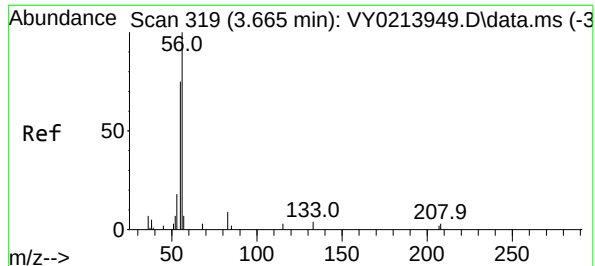


#12
1,1-Dichloroethene
Concen: 144.329 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29



Tgt Ion: 96 Resp: 395483
Ion Ratio Lower Upper
96 100
61 169.9 135.2 202.8
98 66.4 51.4 77.2





#13

Acrolein

Concen: 115.824 ug/l

RT: 3.659 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 16610

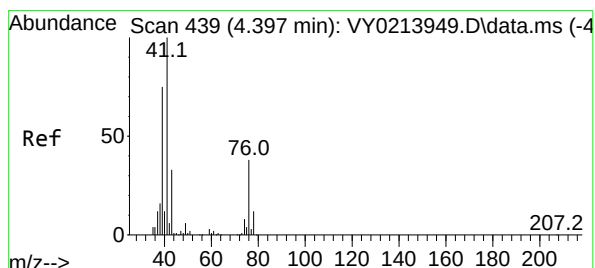
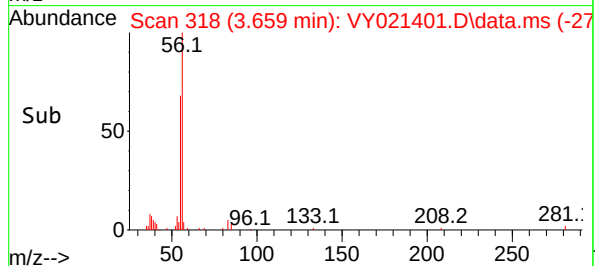
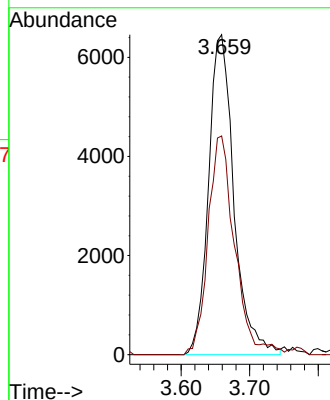
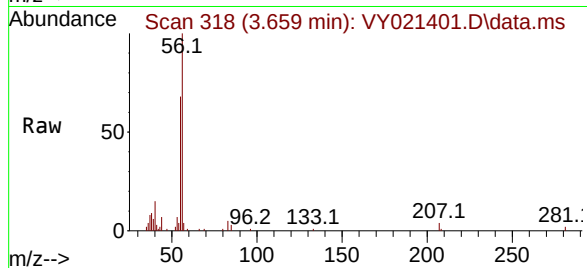
Ion Ratio Lower Upper

56 100

55 69.5 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#14

Allyl chloride

Concen: 146.966 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

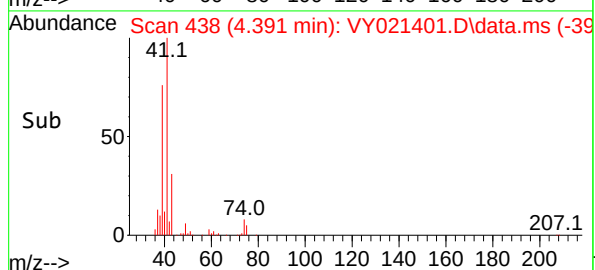
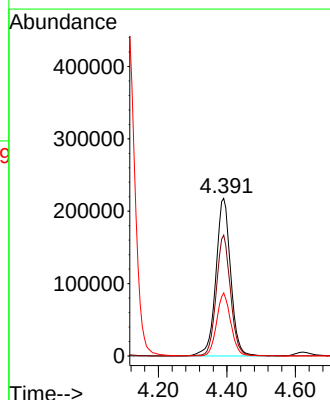
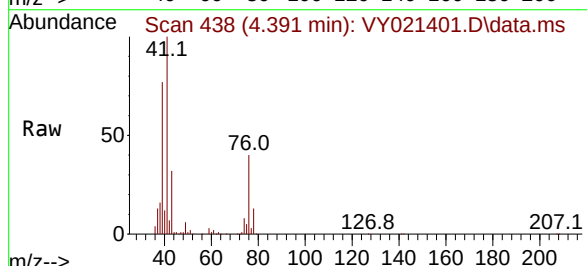
Tgt Ion: 41 Resp: 650795

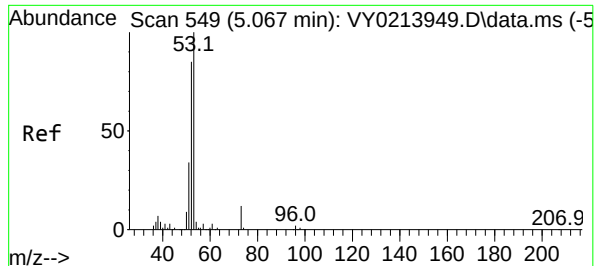
Ion Ratio Lower Upper

41 100

39 73.7 59.3 88.9

76 37.9 29.8 44.8





#15

Acrylonitrile

Concen: 731.212 ug/l

RT: 5.061 min Scan# 549

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

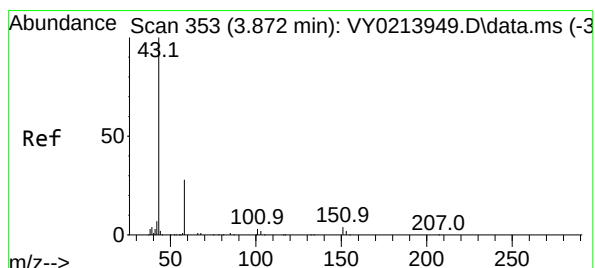
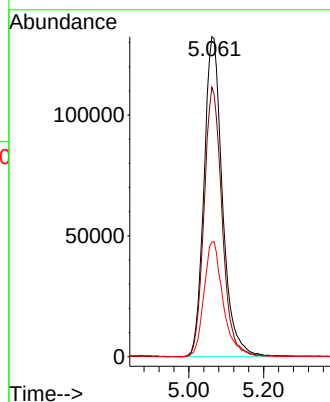
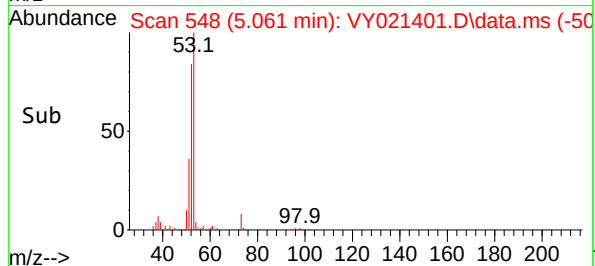
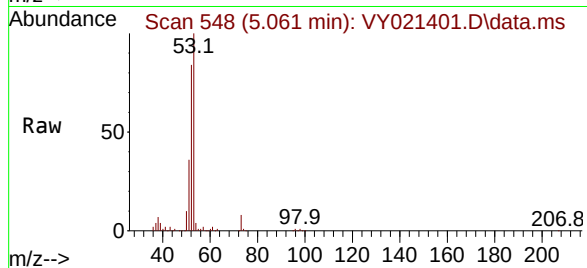
VSTDICC150

Tgt Ion:	53	Resp:	45409
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.3	99.5
51	37.5	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#16

Acetone

Concen: 618.814 ug/l

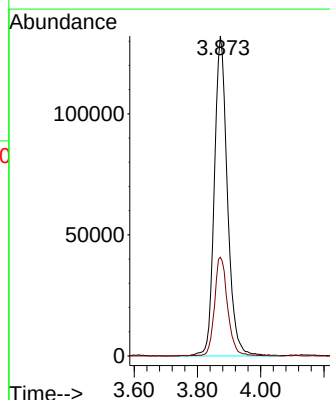
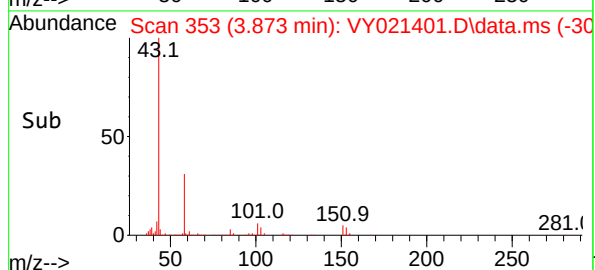
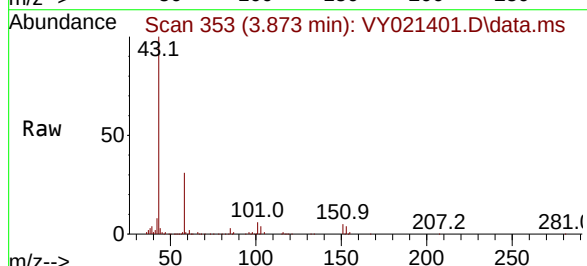
RT: 3.873 min Scan# 353

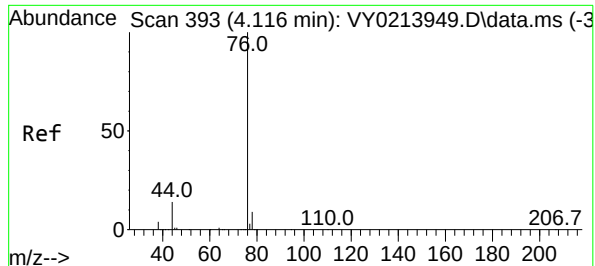
Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

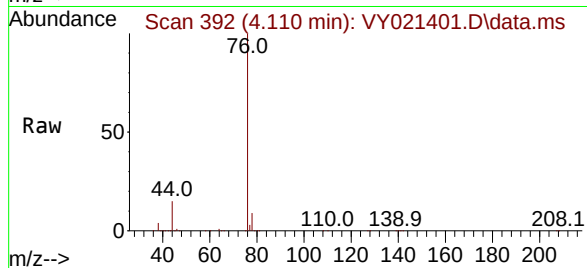
Tgt Ion:	43	Resp:	380537
Ion	Ratio	Lower	Upper
43	100		
58	30.8	22.1	33.1





#17
Carbon Disulfide
Concen: 144.094 ug/l
RT: 4.110 min Scan# 393
Delta R.T. -0.006 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

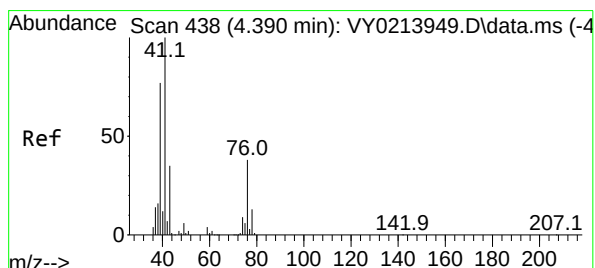
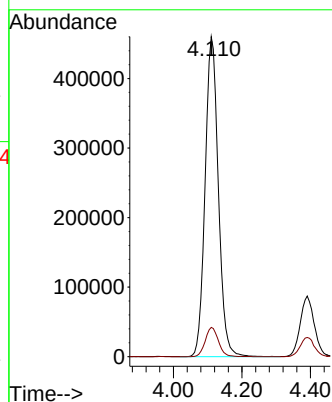
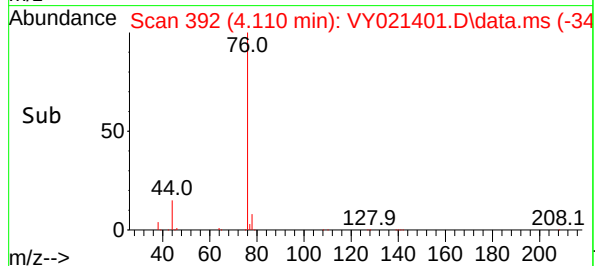
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 123740
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

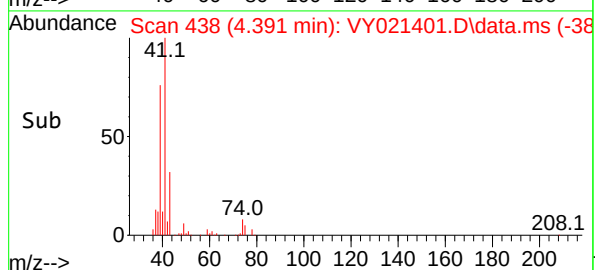
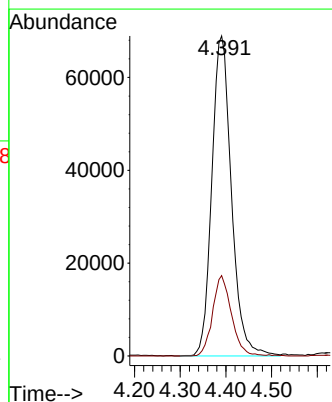
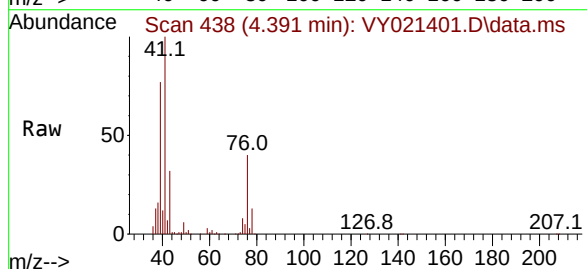
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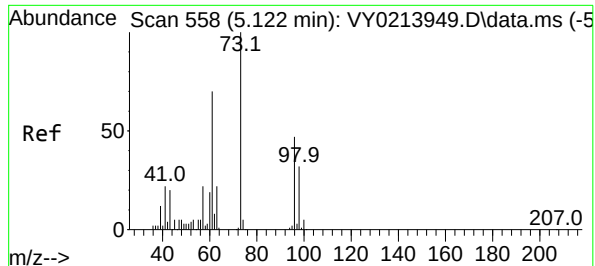
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#18
Methyl Acetate
Concen: 150.507 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 43 Resp: 205359
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.0





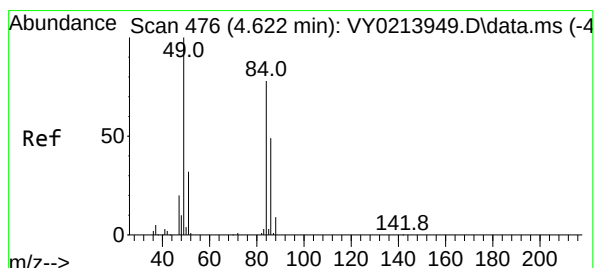
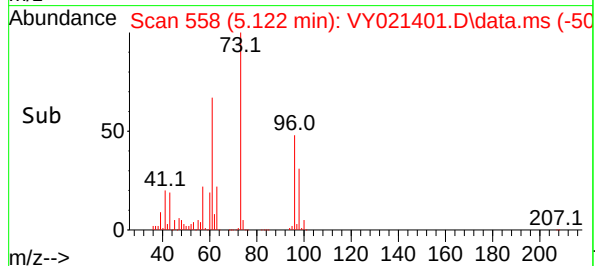
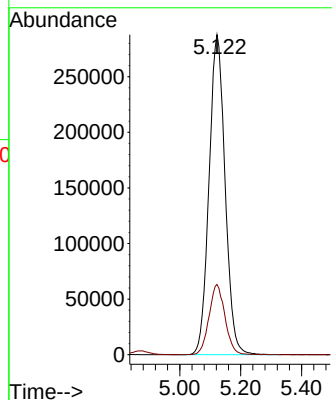
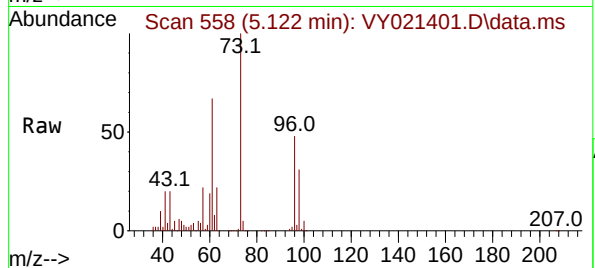
#19
Methyl tert-butyl Ether
Concen: 151.501 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 105219
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9

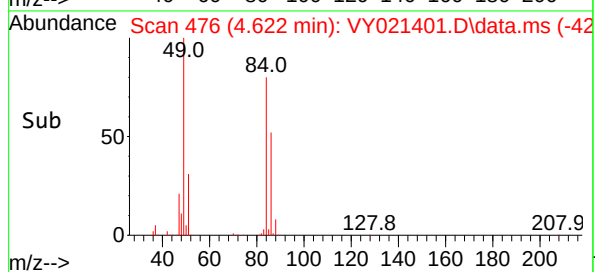
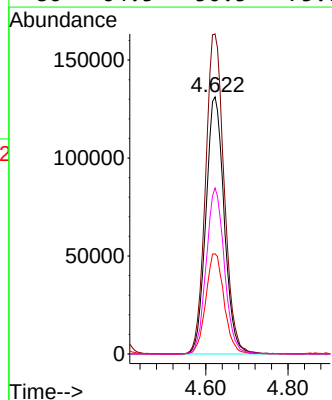
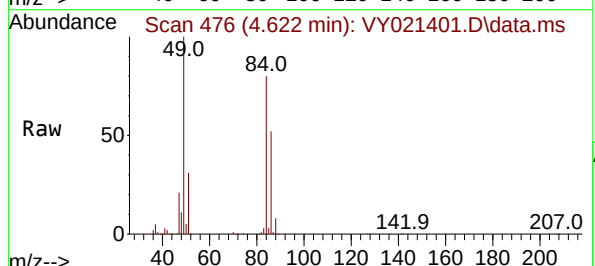
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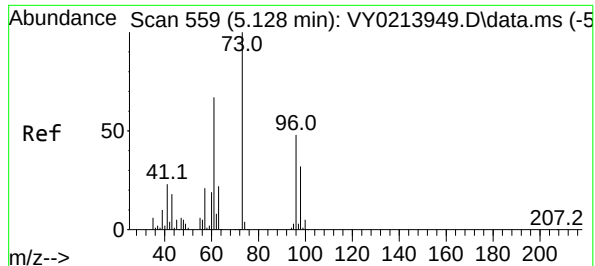
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#20
Methylene Chloride
Concen: 125.603 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 84 Resp: 405442
Ion Ratio Lower Upper
84 100
49 124.4 102.0 153.0
51 38.9 33.0 49.6
86 64.5 50.5 75.7





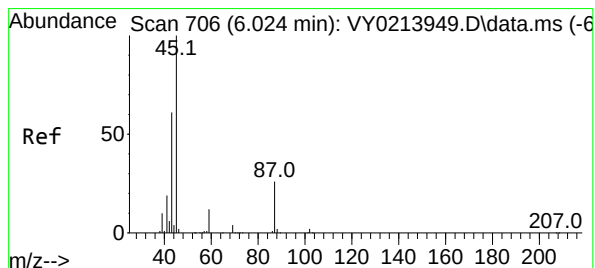
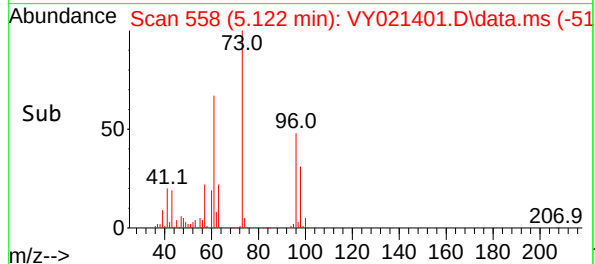
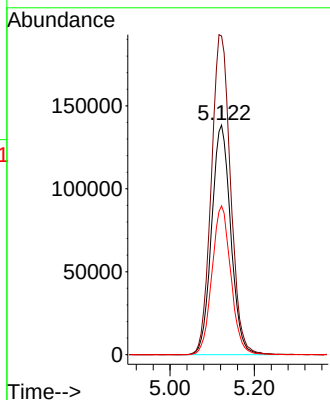
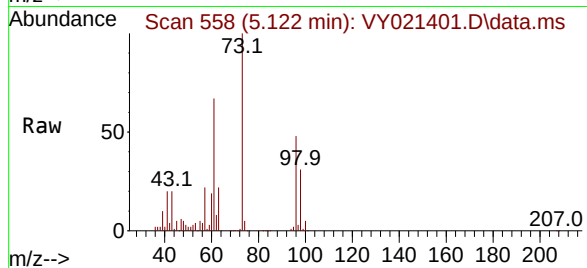
#21
trans-1,2-Dichloroethene
Concen: 142.173 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 436290
Ion Ratio Lower Upper
96 100
61 138.8 111.5 167.3
98 64.8 53.8 80.8

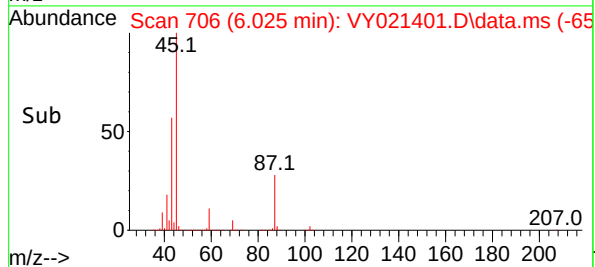
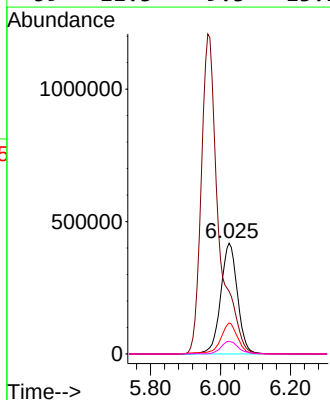
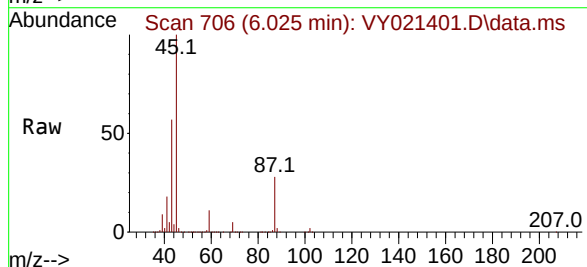
Manual Integrations
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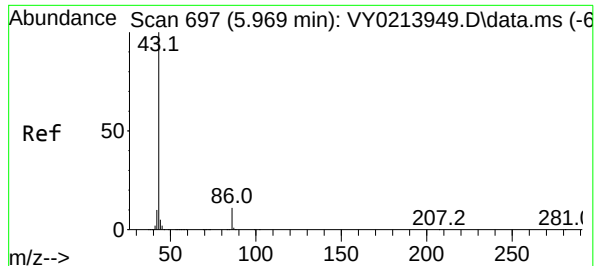
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 145.730 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 45 Resp: 1390733
Ion Ratio Lower Upper
45 100
43 56.6 48.7 73.1
87 28.0 21.5 32.3
59 11.3 9.3 13.9





#23

Vinyl Acetate

Concen: 760.601 ug/l

RT: 5.964 min Scan# 697

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 4142519

Ion Ratio Lower Upper

43

100

86

10.4

8.5

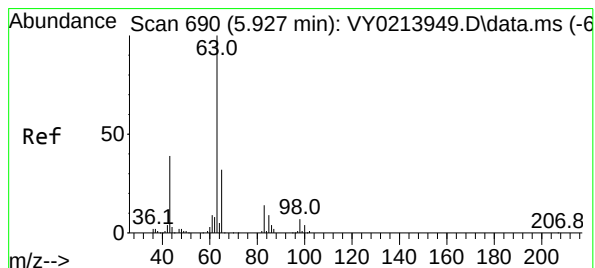
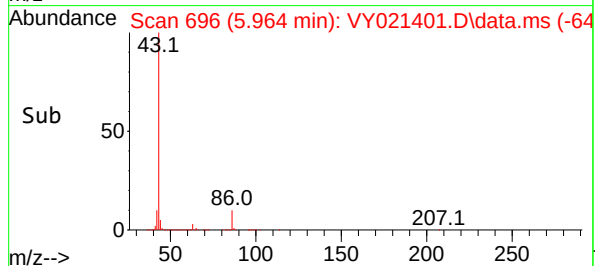
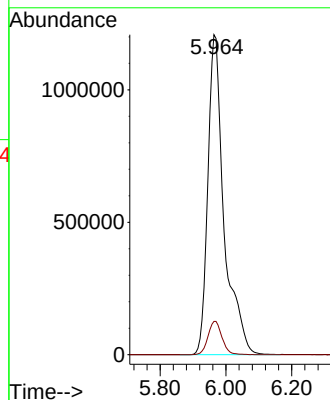
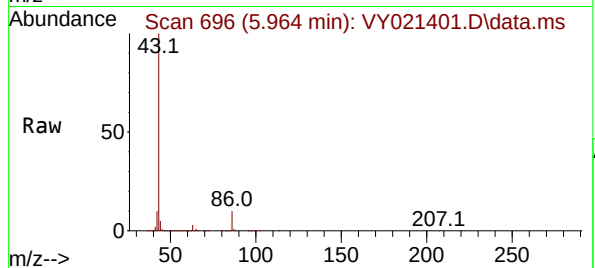
12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#24

1,1-Dichloroethane

Concen: 140.803 ug/l

RT: 5.921 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Tgt Ion: 63 Resp: 793059

Ion Ratio Lower Upper

63

100

98

7.1

3.3

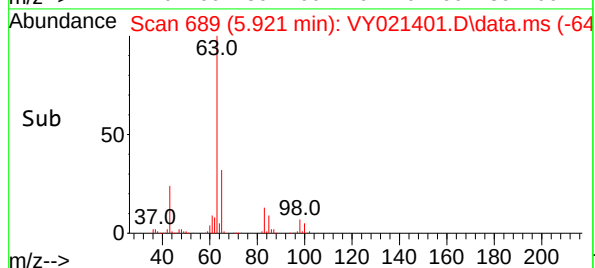
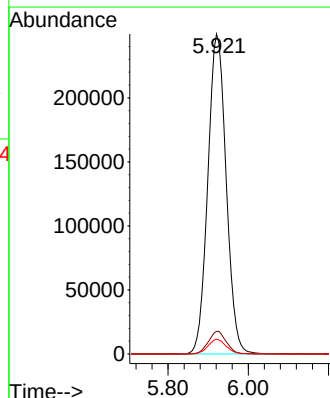
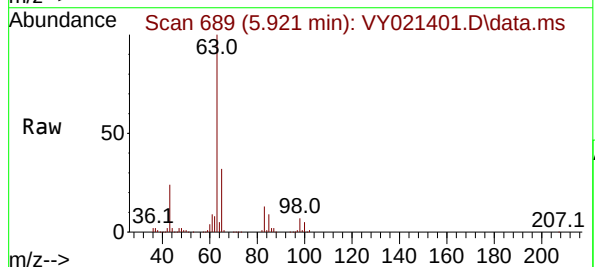
9.9

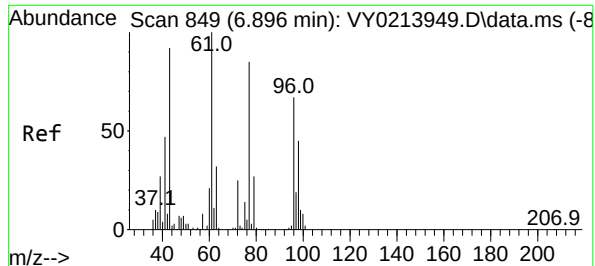
100

4.6

2.1

6.5





#25

2-Butanone

Concen: 710.631 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 604502

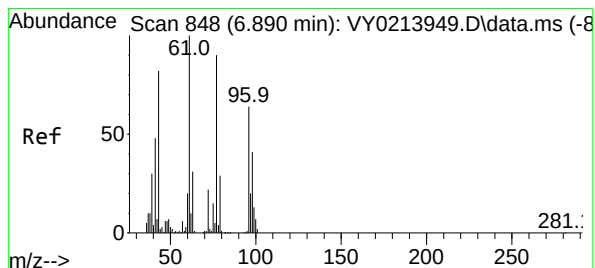
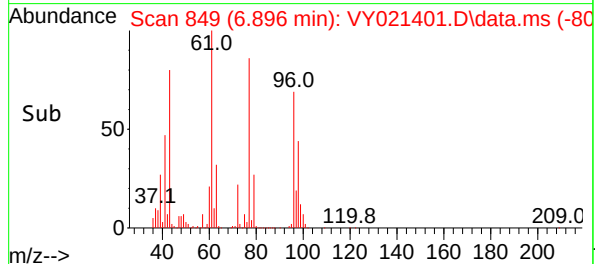
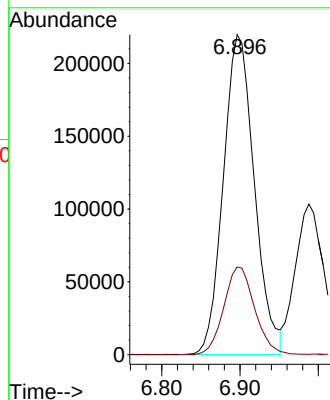
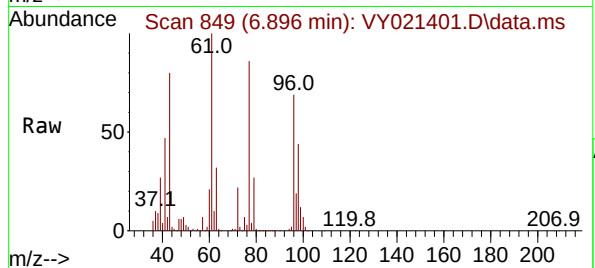
Ion Ratio Lower Upper

43 100

72 27.4 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#26

2,2-Dichloropropane

Concen: 142.975 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021401.D

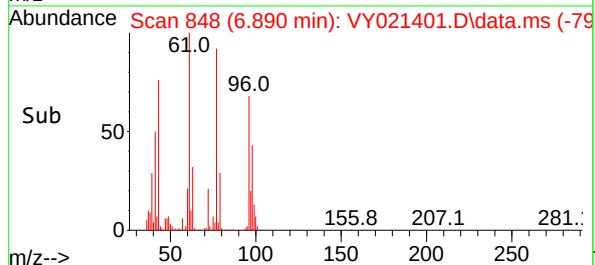
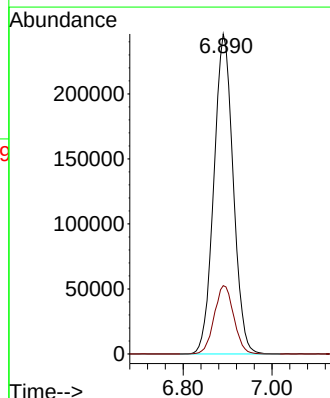
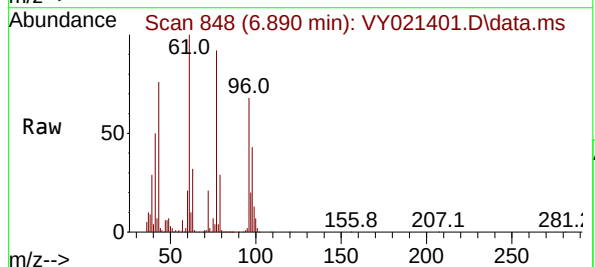
Acq: 04 Mar 2025 11:29

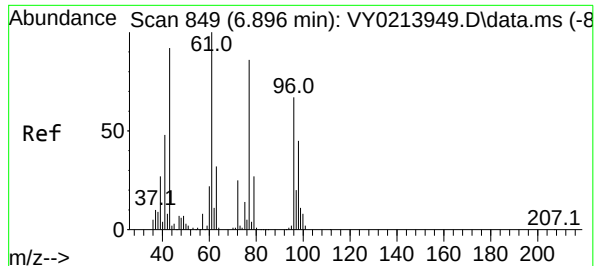
Tgt Ion: 77 Resp: 740961

Ion Ratio Lower Upper

77 100

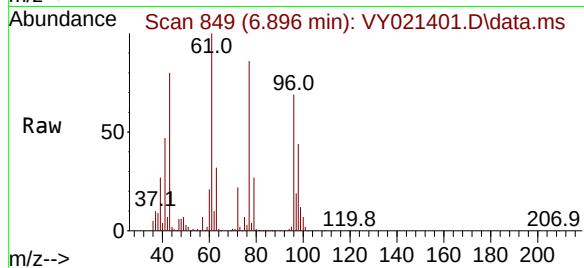
97 21.6 11.3 33.8





#27
cis-1,2-Dichloroethene
Concen: 146.639 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

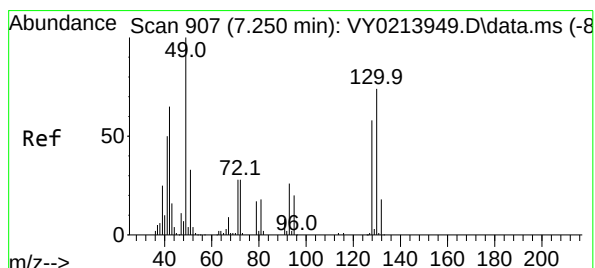
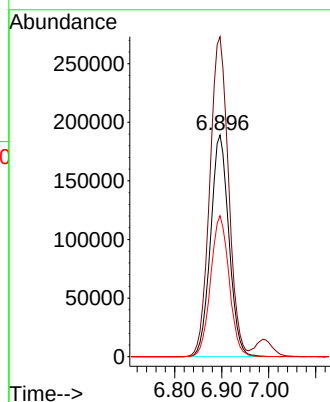
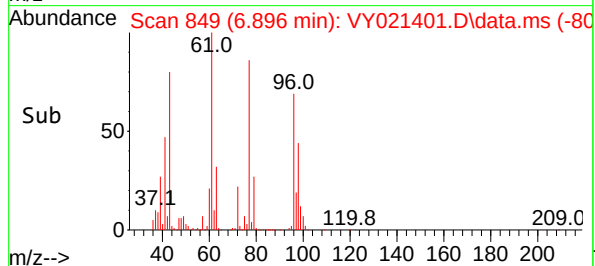
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 51121
Ion Ratio Lower Upper
96 100
61 148.0 0.0 300.8
98 64.2 0.0 130.0

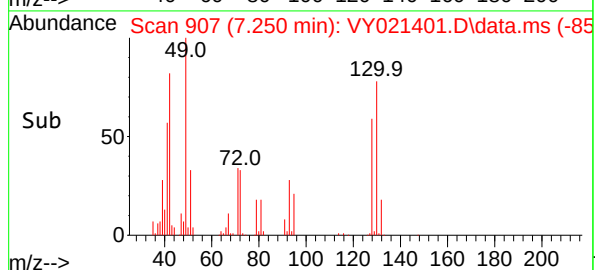
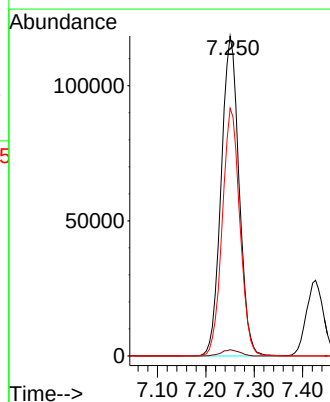
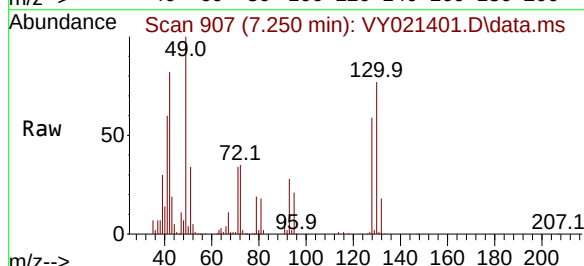
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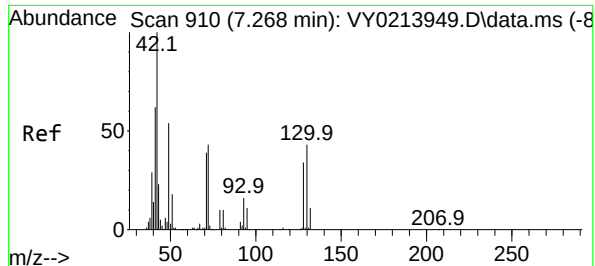
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#28
Bromochloromethane
Concen: 128.781 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 49 Resp: 304092
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 76.0 59.6 89.4





#29

Tetrahydrofuran

Concen: 746.729 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 392140

Ion Ratio Lower Upper

42 100

72 44.3 34.8 52.2

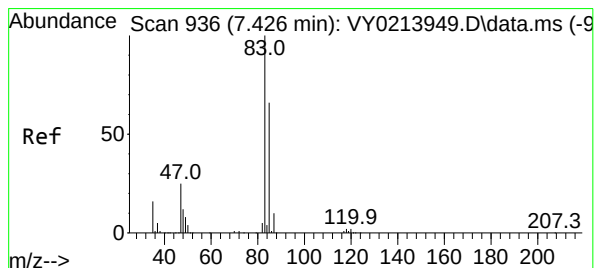
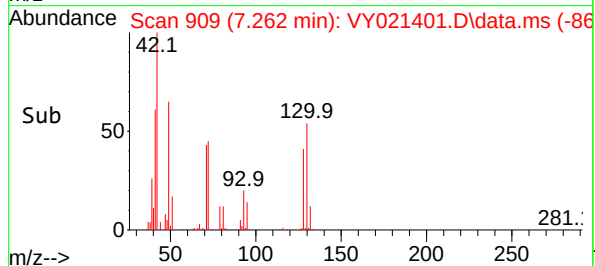
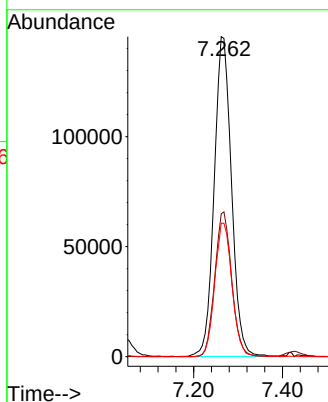
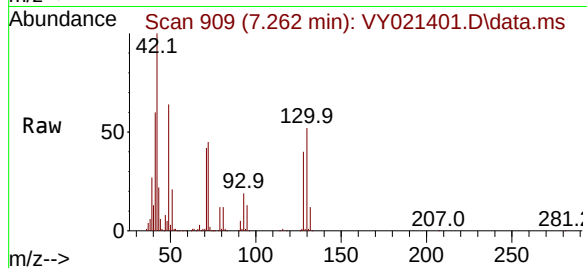
71 41.6 32.6 48.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#30

Chloroform

Concen: 140.790 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021401.D

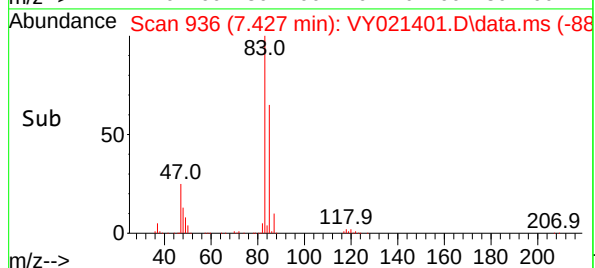
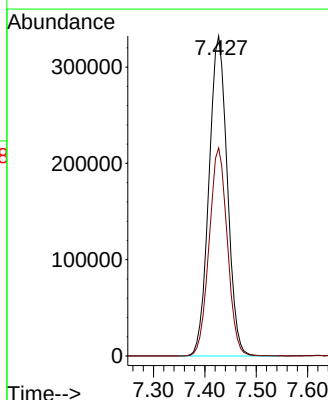
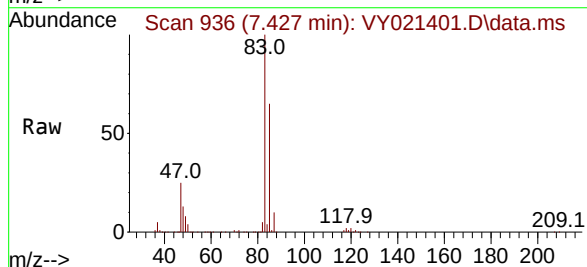
Acq: 04 Mar 2025 11:29

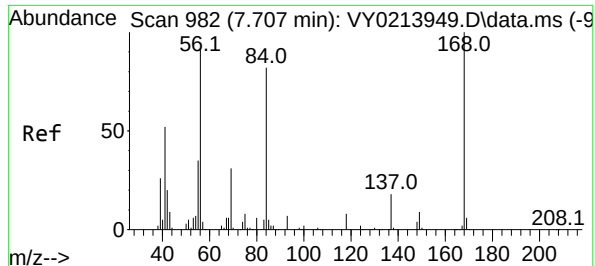
Tgt Ion: 83 Resp: 823431

Ion Ratio Lower Upper

83 100

85 65.0 53.1 79.7





#31

Cyclohexane

Concen: 138.566 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 731684

Ion Ratio Lower Upper

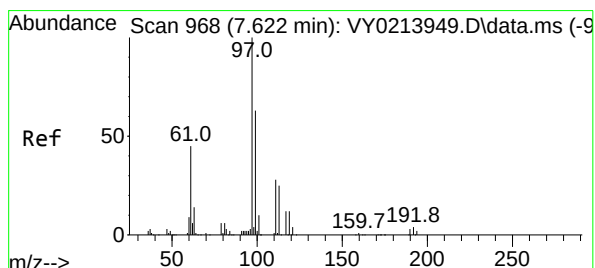
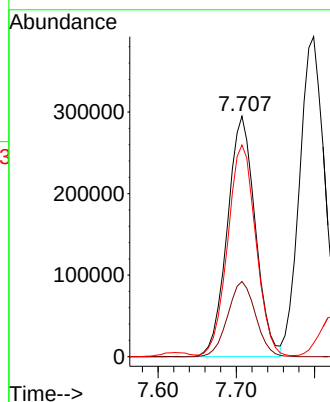
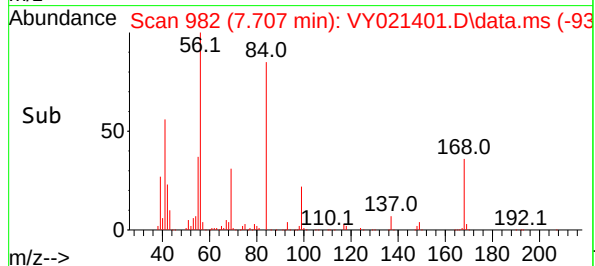
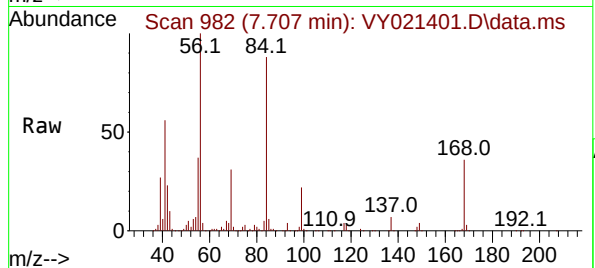
56 100

69 31.3 27.0 40.4

84 86.5 71.1 106.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#32

1,1,1-Trichloroethane

Concen: 142.442 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

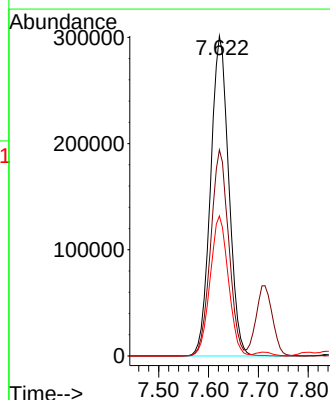
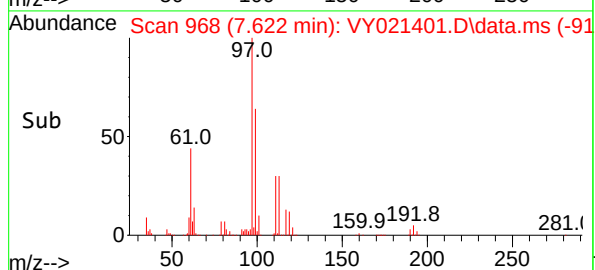
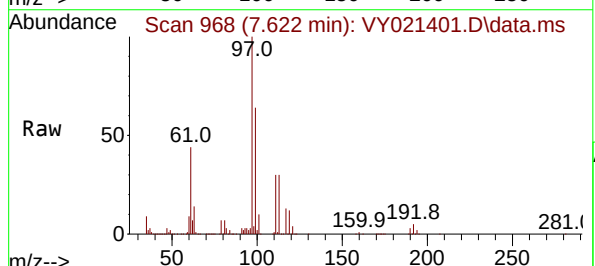
Tgt Ion: 97 Resp: 762807

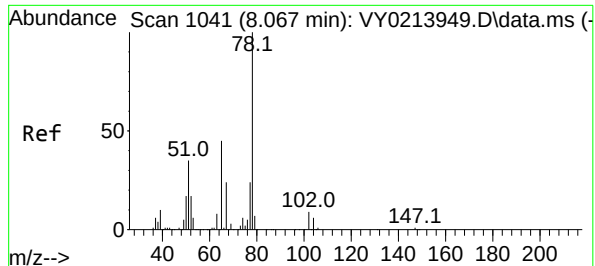
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 43.9 35.7 53.5





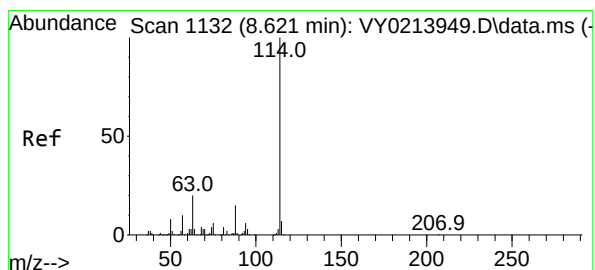
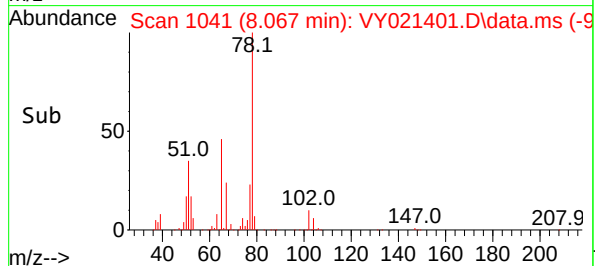
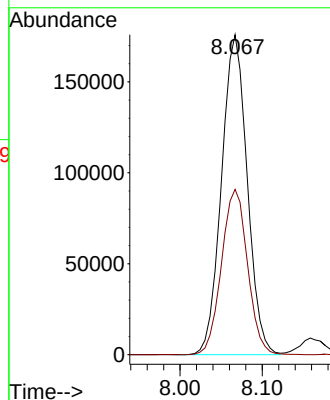
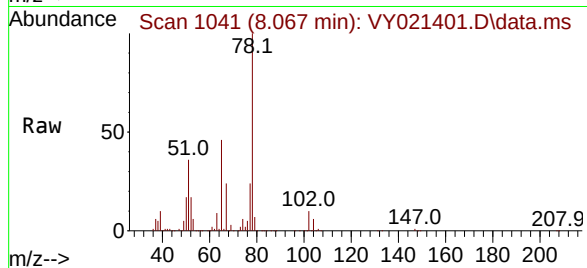
#33
1,2-Dichloroethane-d4
Concen: 135.494 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 382010
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.8

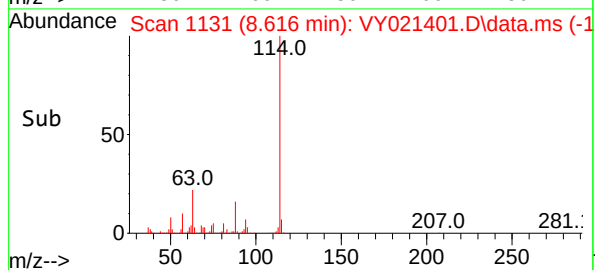
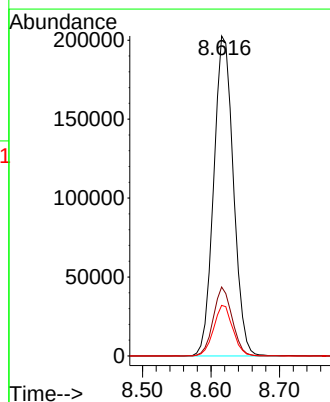
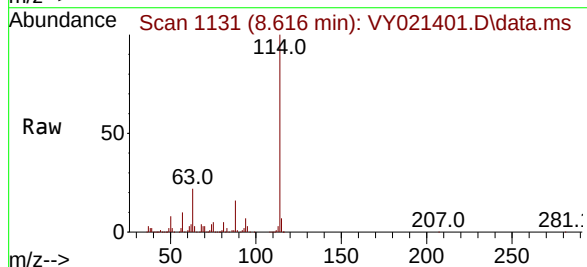
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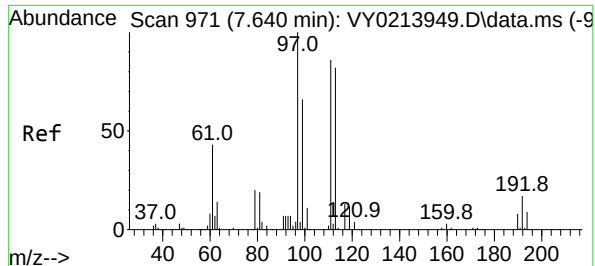
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion:114 Resp: 403017
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 142.080 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 37638

Ion Ratio Lower Upper

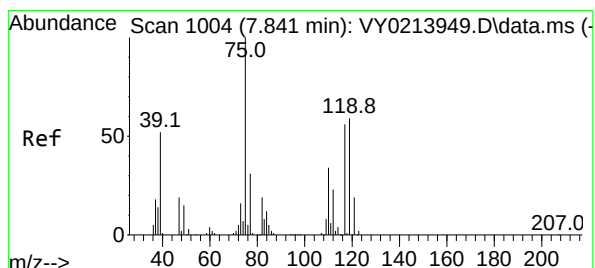
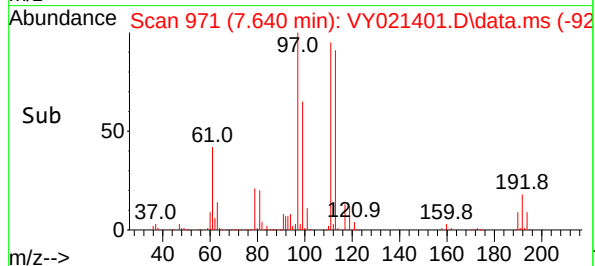
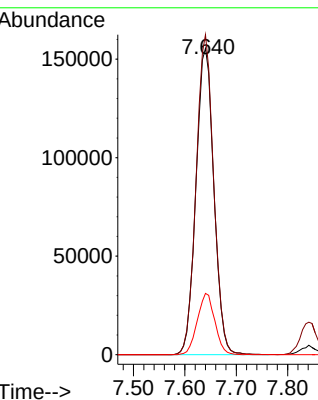
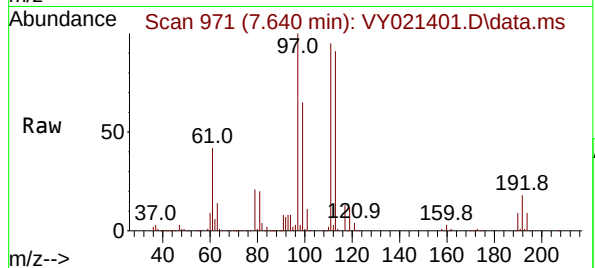
113 100

111 102.5 82.0 123.0

192 19.6 15.9 23.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#36

1,1-Dichloropropene

Concen: 147.009 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

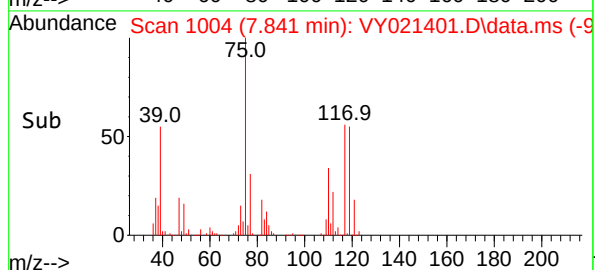
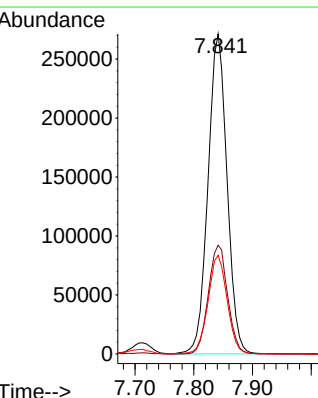
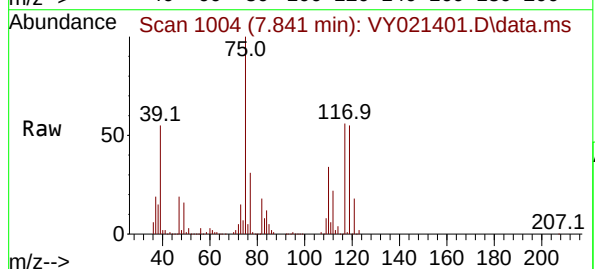
Tgt Ion: 75 Resp: 609596

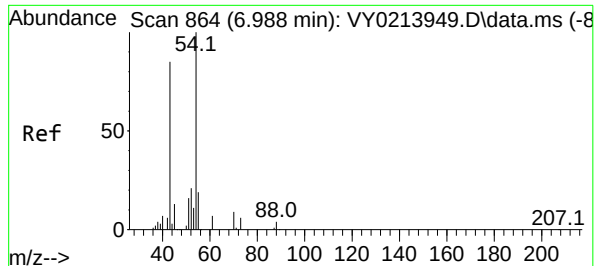
Ion Ratio Lower Upper

75 100

110 34.5 17.3 51.7

77 31.1 25.4 38.2





#37

Ethyl Acetate

Concen: 145.189 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 271579

Ion Ratio Lower Upper

43 100

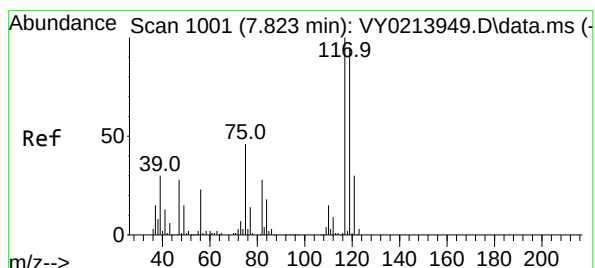
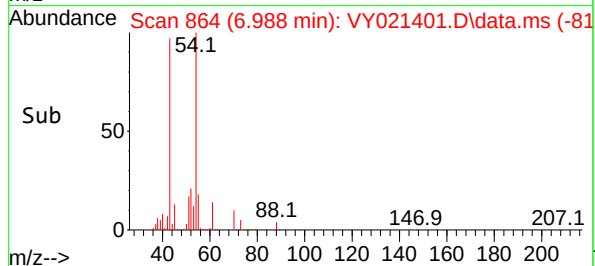
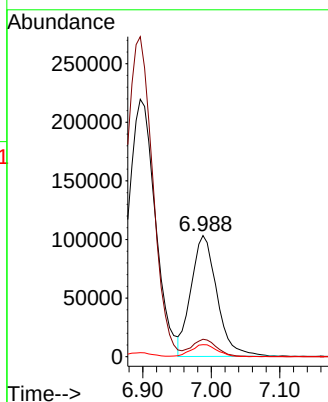
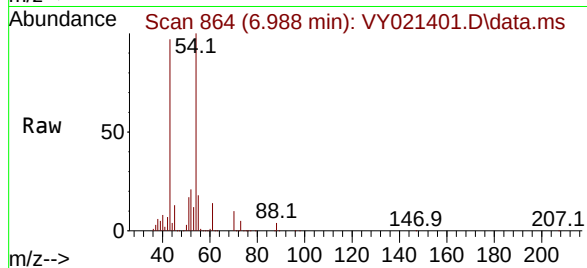
61 13.8 11.4 17.0

70 10.1 8.2 12.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#38

Carbon Tetrachloride

Concen: 146.916 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

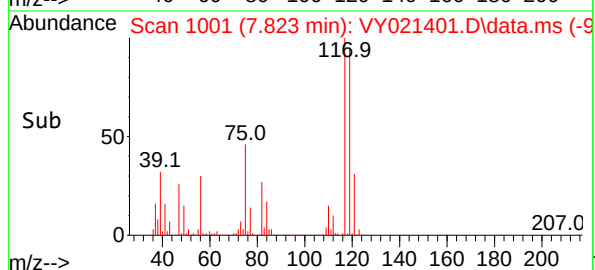
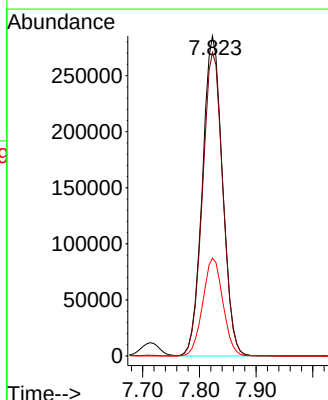
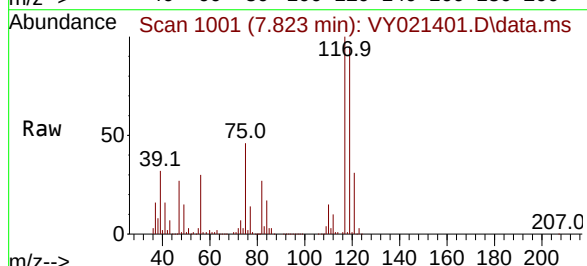
Tgt Ion:117 Resp: 700638

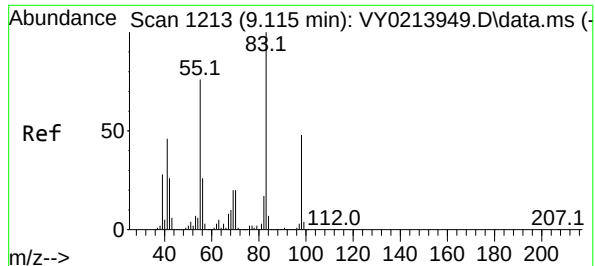
Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8

121 30.6 23.9 35.9





#39

Methylcyclohexane

Concen: 158.954 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 80849

Ion Ratio Lower Upper

83 100

55 76.7 60.7 91.1

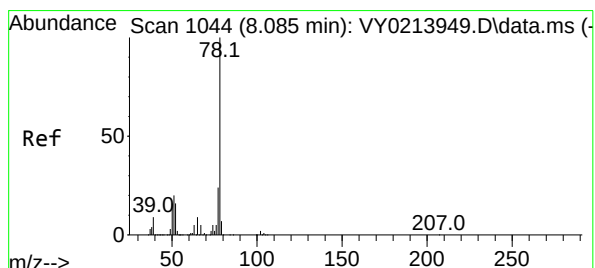
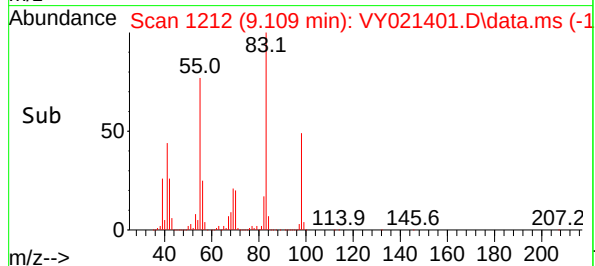
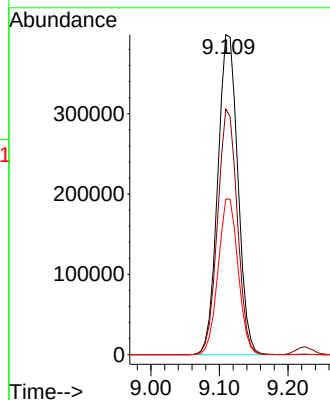
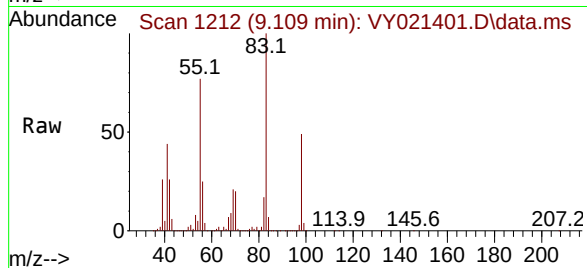
98 48.7 38.6 57.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#40

Benzene

Concen: 145.818 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY021401.D

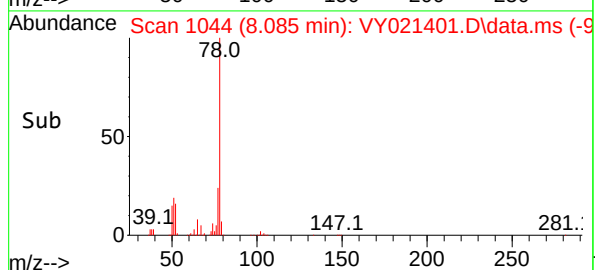
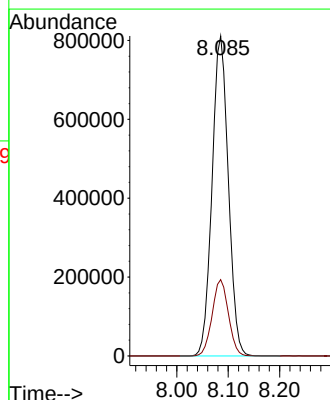
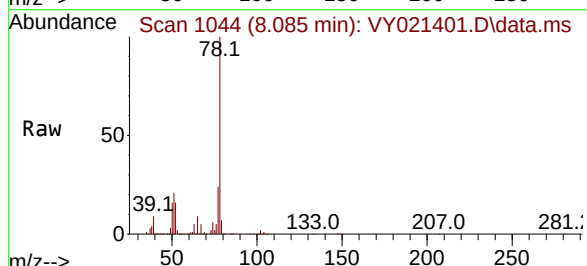
Acq: 04 Mar 2025 11:29

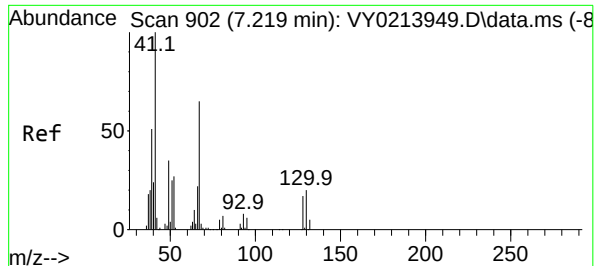
Tgt Ion: 78 Resp: 1781188

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4





#41

Methacrylonitrile

Concen: 147.676 ug/l

RT: 7.226 min Scan# 902

Delta R.T. 0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 15045

Ion Ratio Lower Upper

41 100

39 61.1 35.0 52.6

67 76.9 61.2 91.8

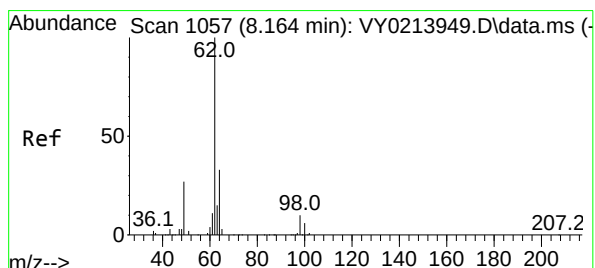
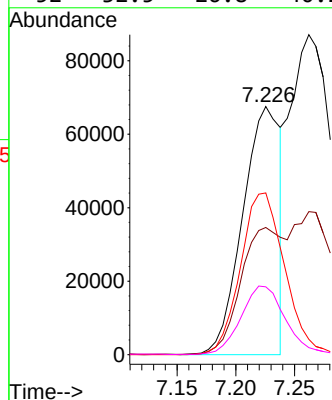
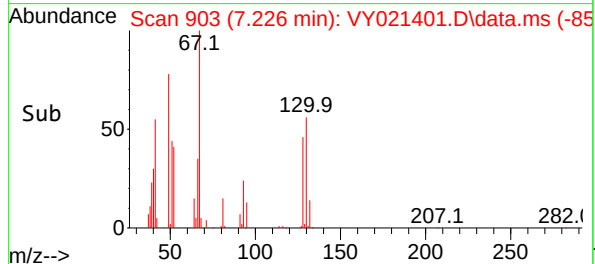
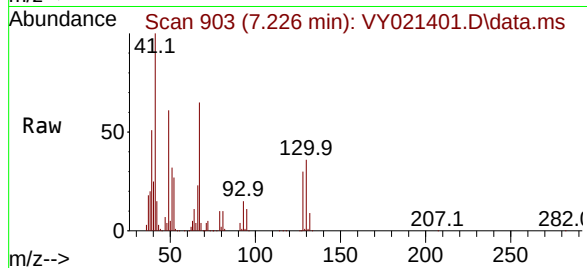
52 32.5 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#42

1,2-Dichloroethane

Concen: 144.299 ug/l

RT: 8.164 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VY021401.D

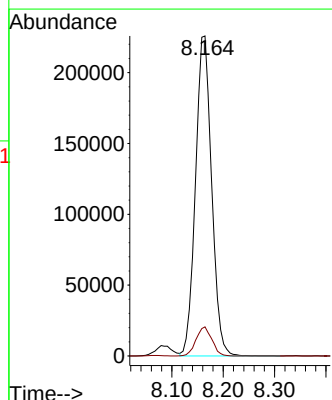
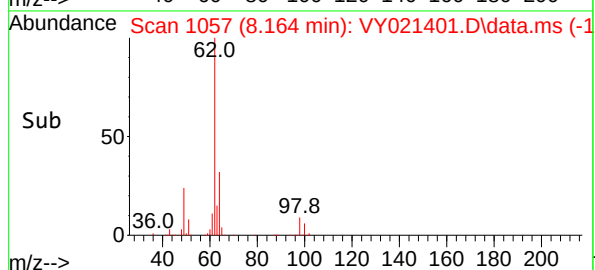
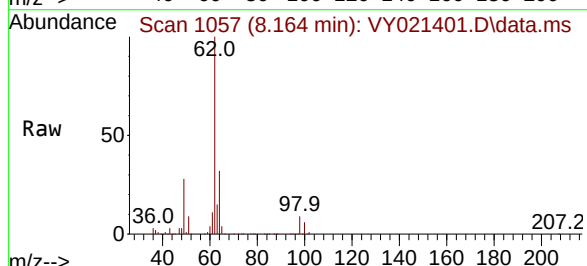
Acq: 04 Mar 2025 11:29

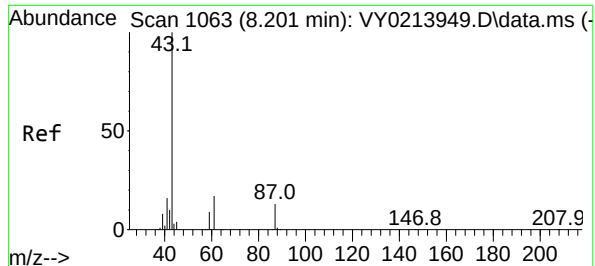
Tgt Ion: 62 Resp: 493103

Ion Ratio Lower Upper

62 100

98 8.9 0.0 18.2





#43

Isopropyl Acetate

Concen: 156.557 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 557010

Ion Ratio Lower Upper

43 100

61 28.8 23.4 35.0

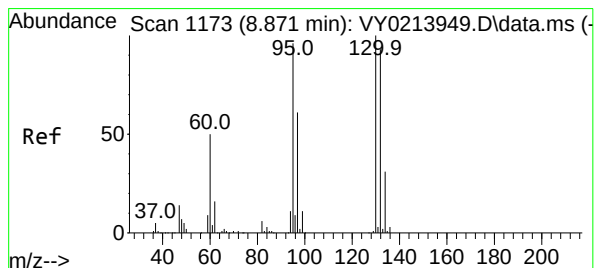
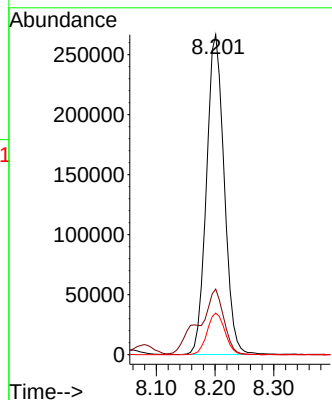
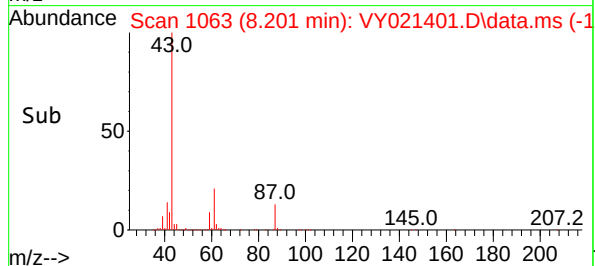
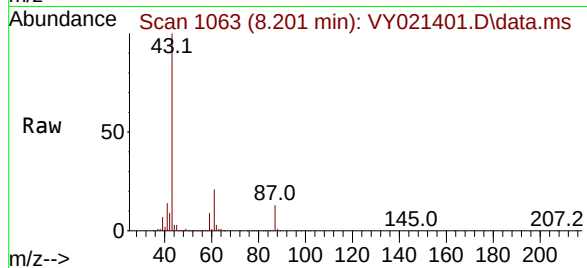
87 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#44

Trichloroethene

Concen: 148.000 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VY021401.D

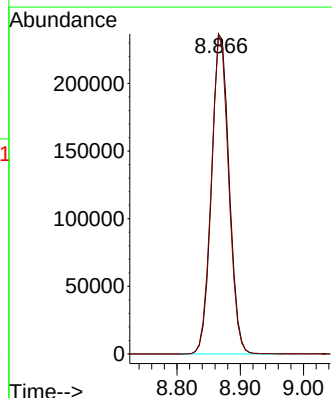
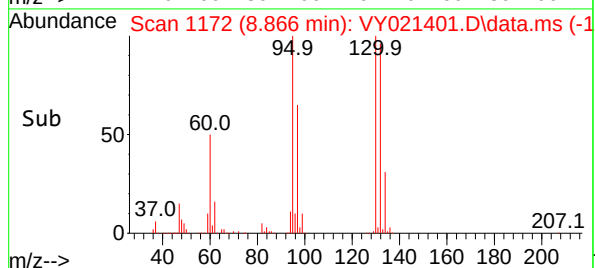
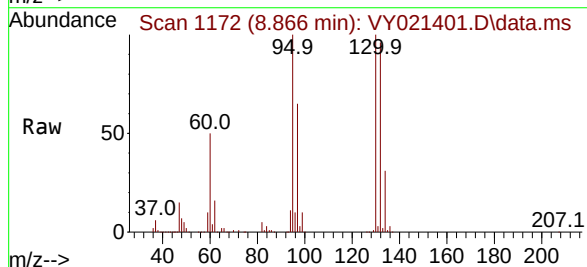
Acq: 04 Mar 2025 11:29

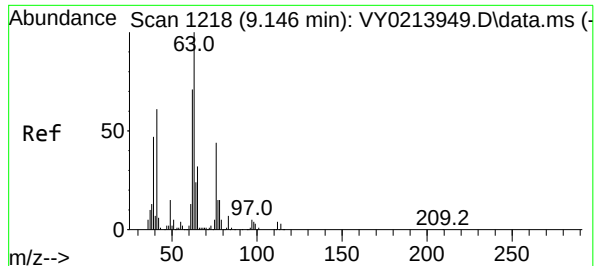
Tgt Ion:130 Resp: 456841

Ion Ratio Lower Upper

130 100

95 99.9 0.0 191.6





#45

1,2-Dichloropropane

Concen: 144.273 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 41943

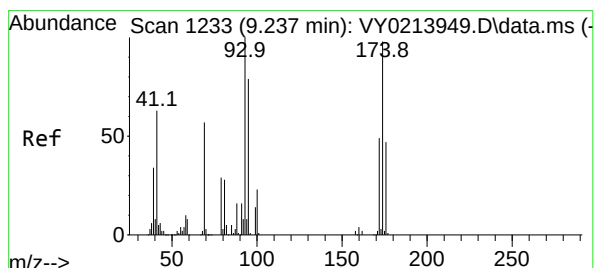
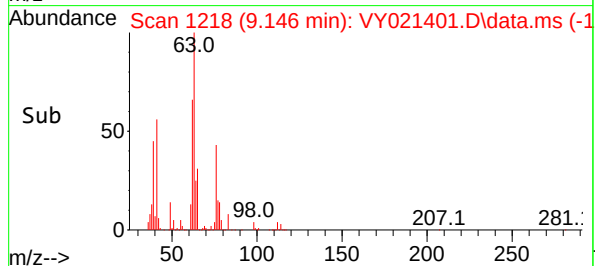
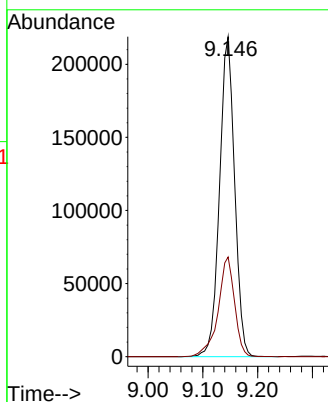
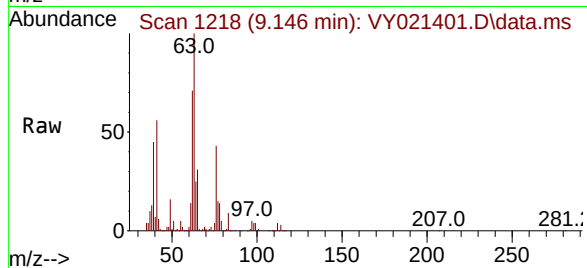
Ion Ratio Lower Upper

63 100

65 31.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#46

Dibromomethane

Concen: 148.107 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

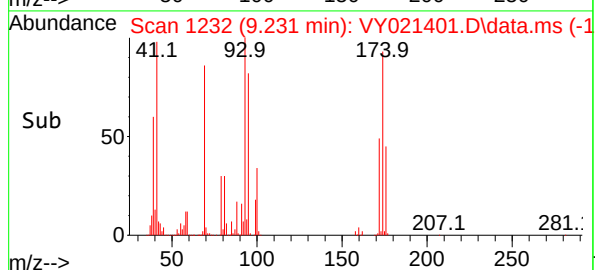
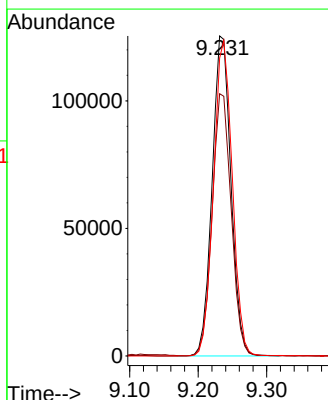
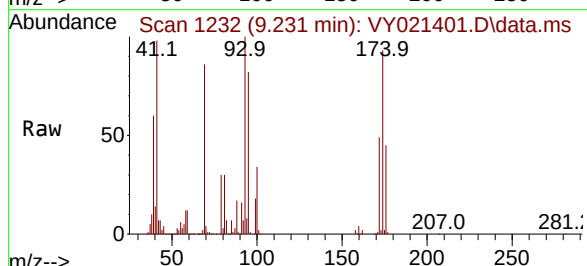
Tgt Ion: 93 Resp: 239577

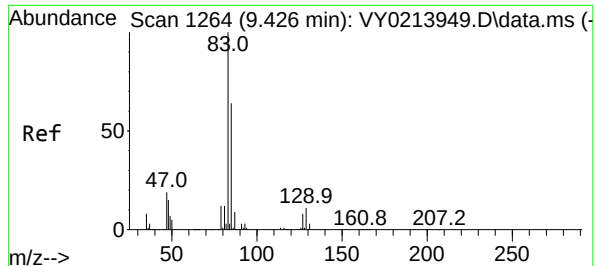
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 98.4 77.9 116.9





#47

Bromodichloromethane

Concen: 146.641 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

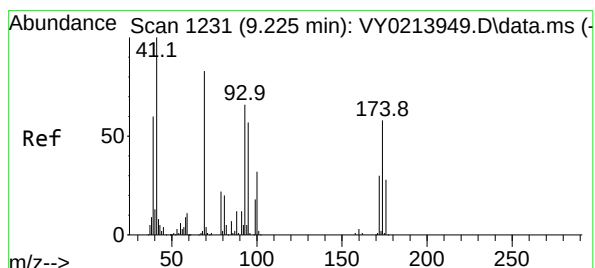
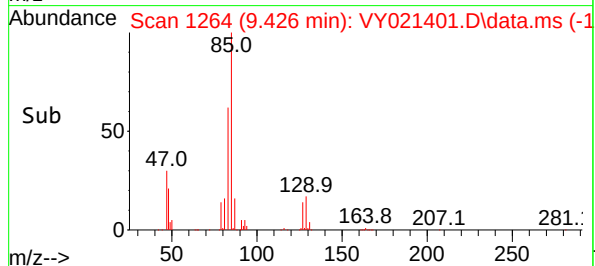
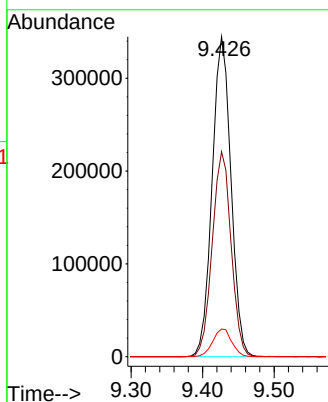
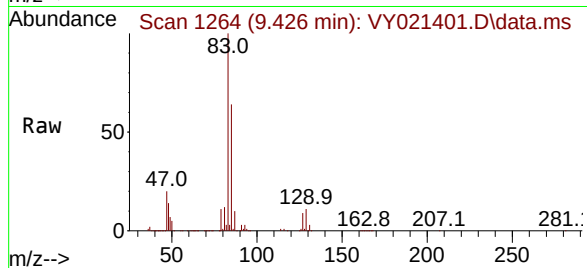
VSTDIC150

Tgt Ion: 83	Resp: 62994
Ion Ratio	Lower Upper
83	100
85	64.1 51.1 76.7
127	8.6 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#48

Methyl methacrylate

Concen: 162.482 ug/l

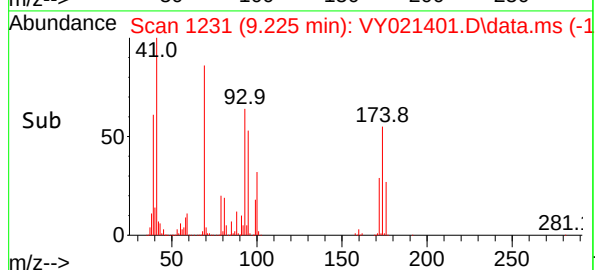
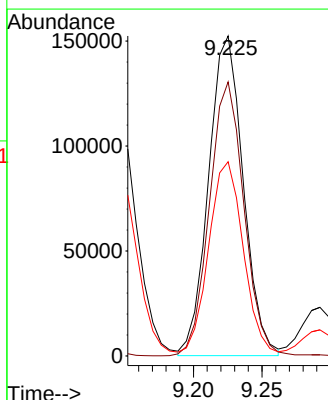
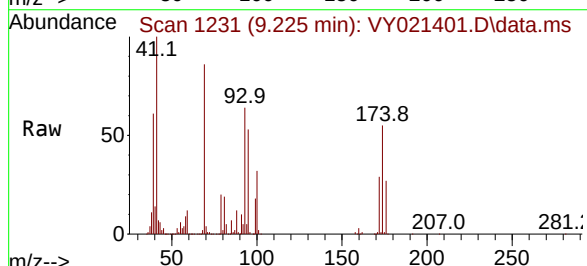
RT: 9.225 min Scan# 1231

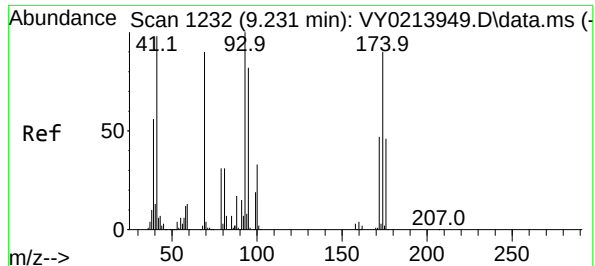
Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Tgt Ion: 41	Resp: 268043
Ion Ratio	Lower Upper
41	100
69	85.6 67.8 101.8
39	58.7 46.4 69.6





#49

1,4-Dioxane

Concen: 3238.027 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 5141

Ion Ratio Lower Upper

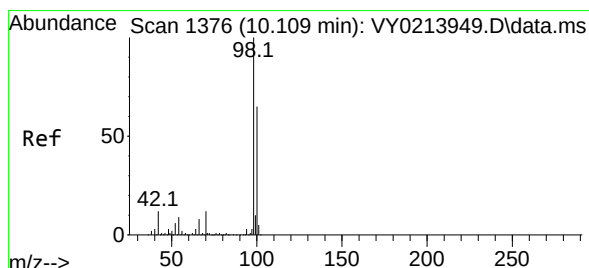
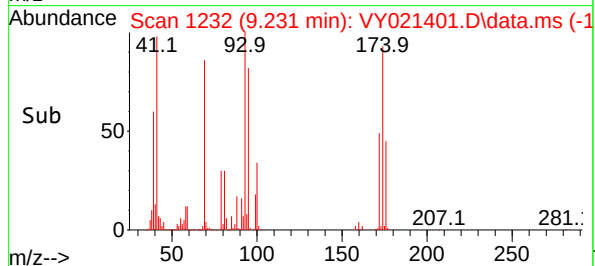
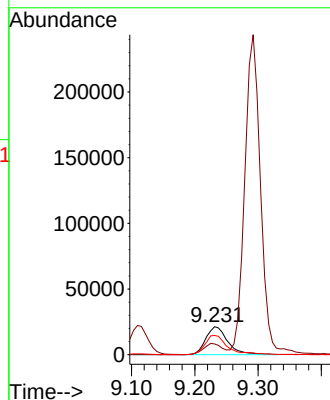
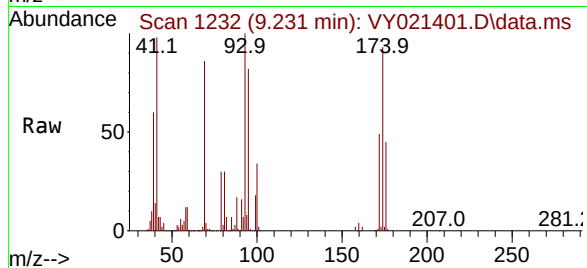
88 100

43 33.1 25.0 37.4

58 71.8 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#50

Toluene-d8

Concen: 144.978 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021401.D

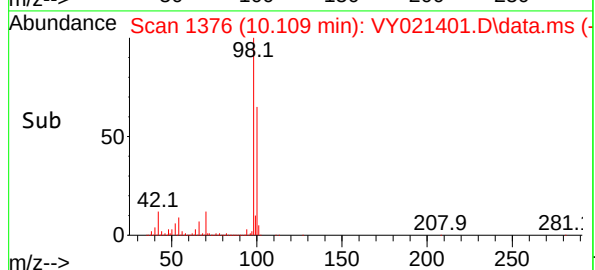
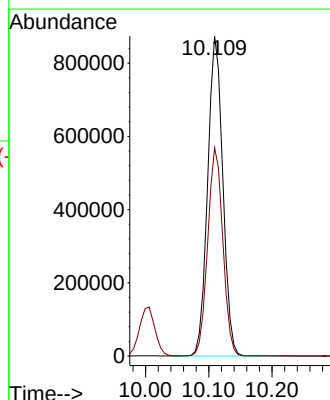
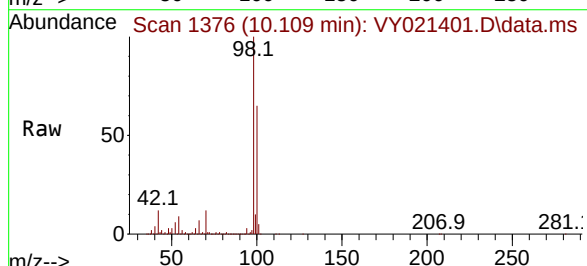
Acq: 04 Mar 2025 11:29

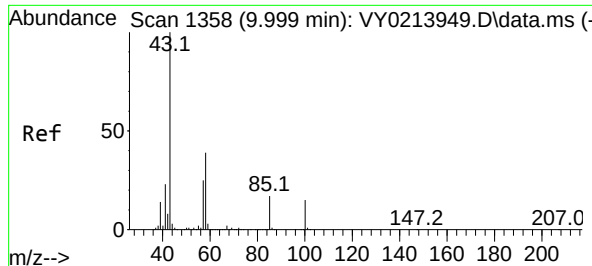
Tgt Ion: 98 Resp: 1454175

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1





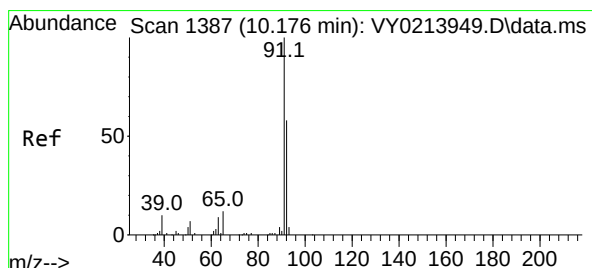
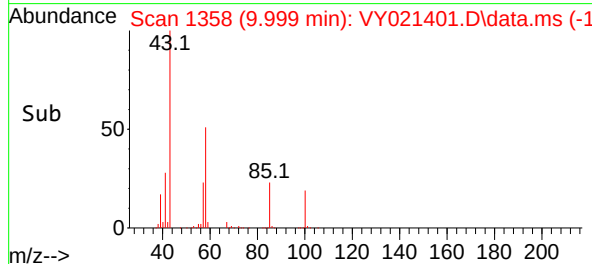
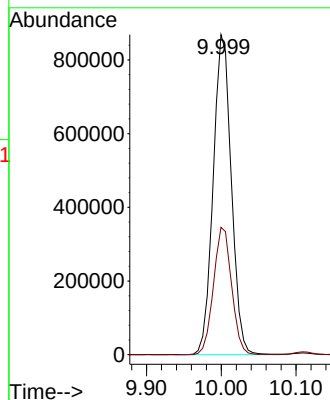
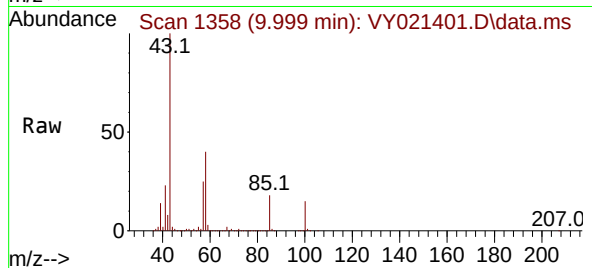
#51
4-Methyl-2-Pentanone
Concen: 800.119 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 146881
Ion Ratio Lower Upper
43 100
58 39.8 31.4 47.2

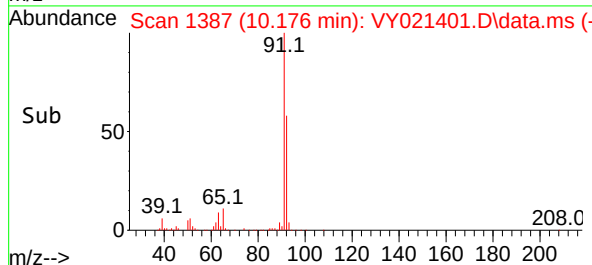
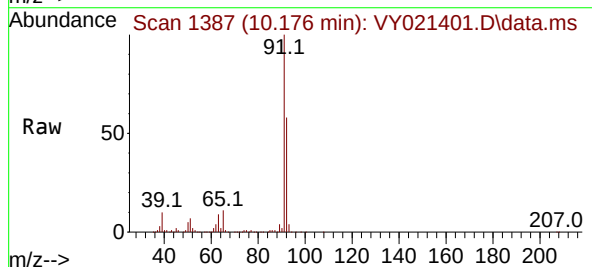
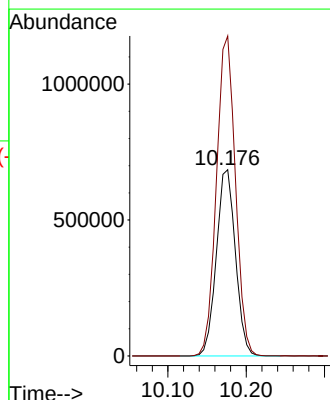
Manual Integrations
APPROVED

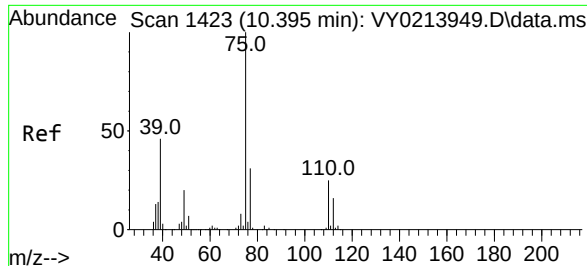
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 150.411 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 92 Resp: 1158338
Ion Ratio Lower Upper
92 100
91 171.2 138.2 207.2





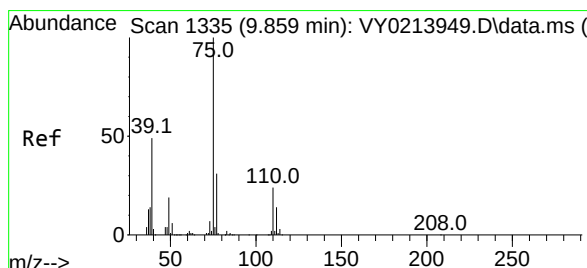
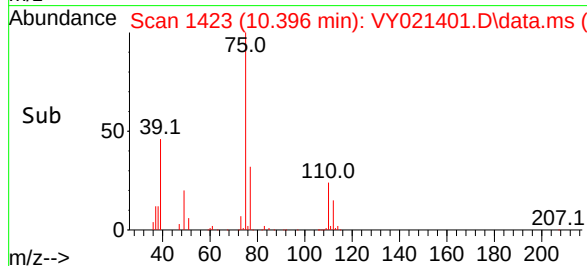
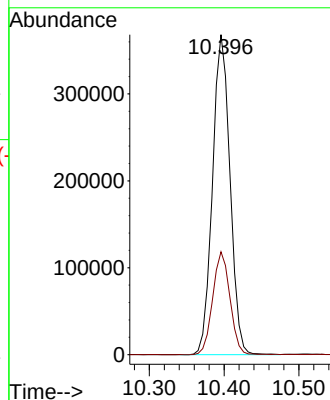
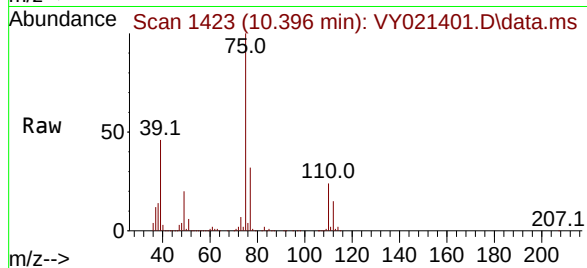
#53
t-1,3-Dichloropropene
Concen: 158.120 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 598438
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6

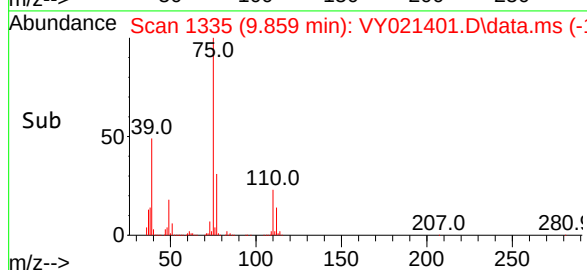
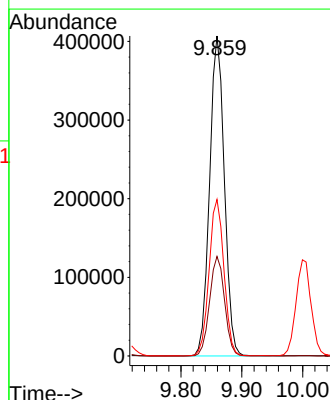
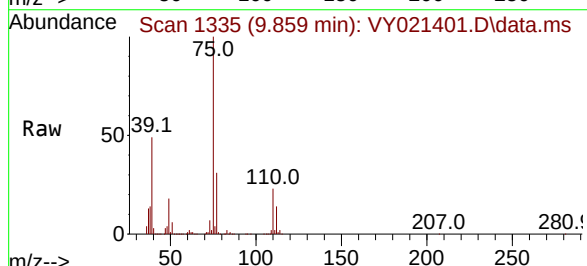
Manual Integrations
APPROVED

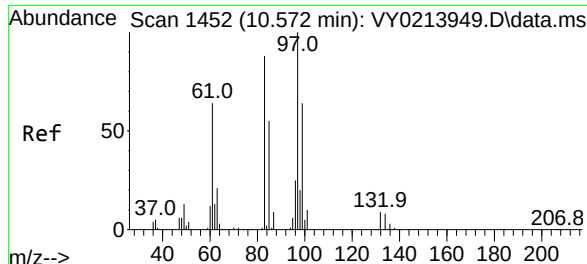
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 152.359 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 75 Resp: 684617
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0
39 48.9 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 146.586 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 310174

Ion Ratio Lower Upper

97 100

83 86.4 70.0 105.0

85 56.1 44.3 66.5

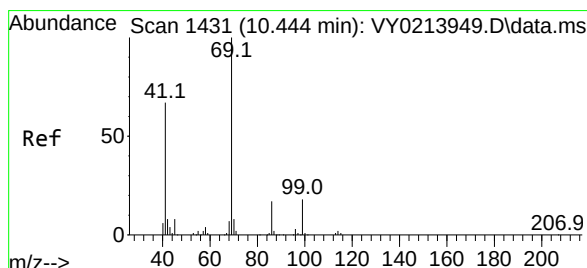
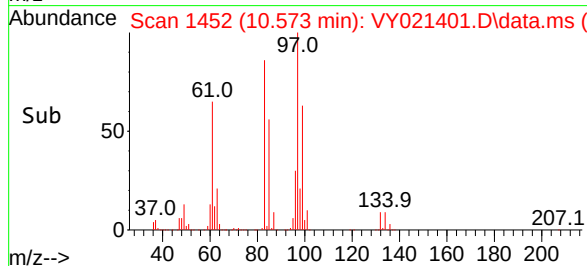
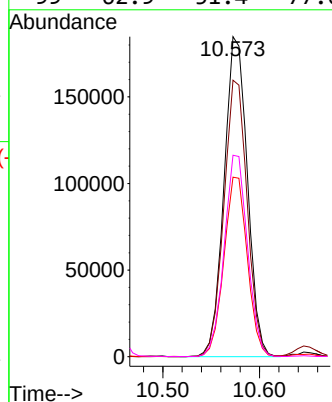
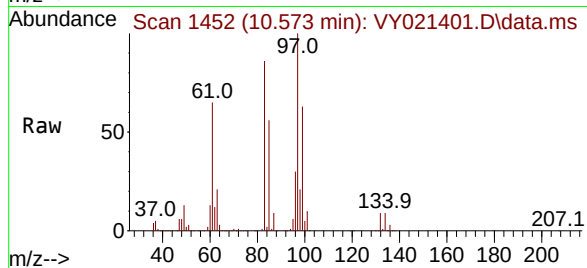
99 62.9 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#56

Ethyl methacrylate

Concen: 172.939 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

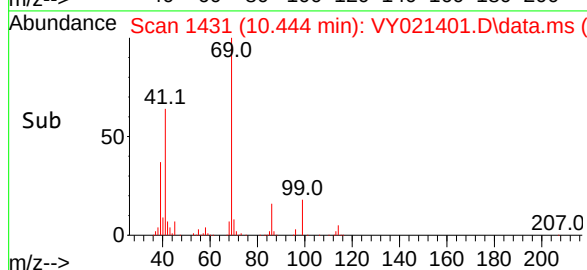
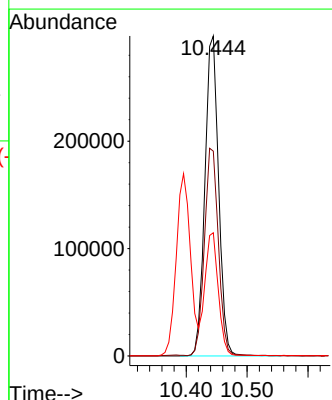
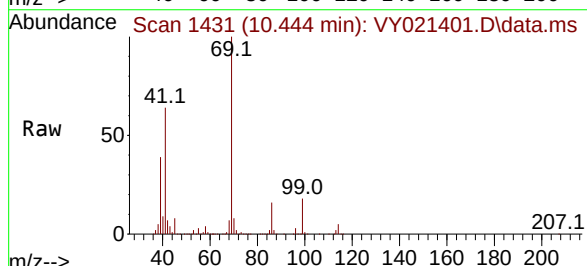
Tgt Ion: 69 Resp: 466697

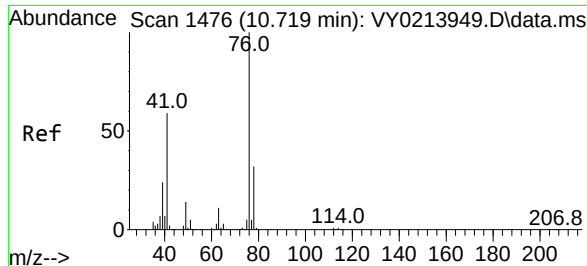
Ion Ratio Lower Upper

69 100

41 65.8 53.3 79.9

39 37.5 31.0 46.6





#57

1,3-Dichloropropane

Concen: 148.802 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 54571

Ion Ratio Lower Upper

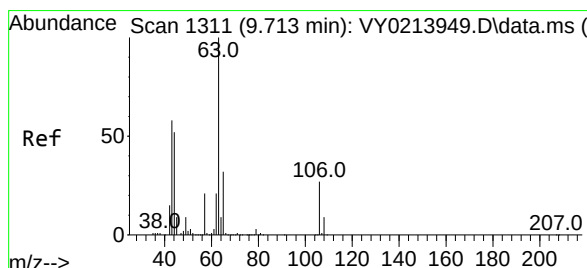
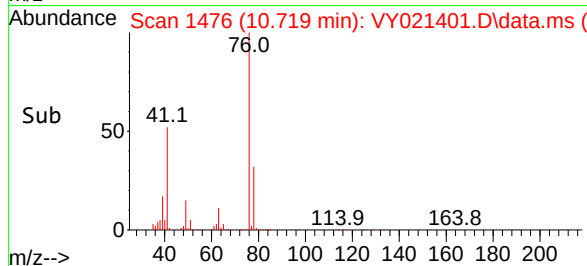
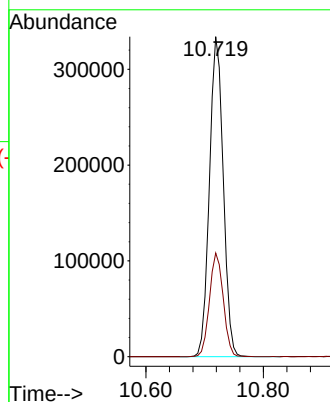
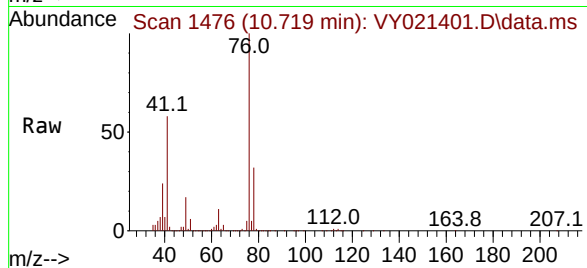
76 100

78 32.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#58

2-Chloroethyl Vinyl ether

Concen: 878.264 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021401.D

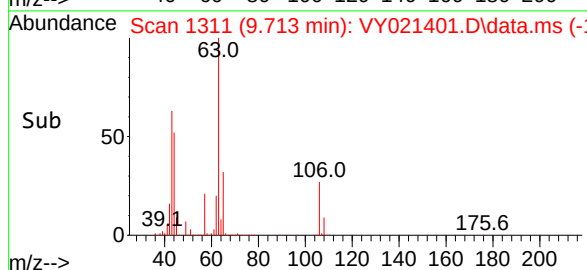
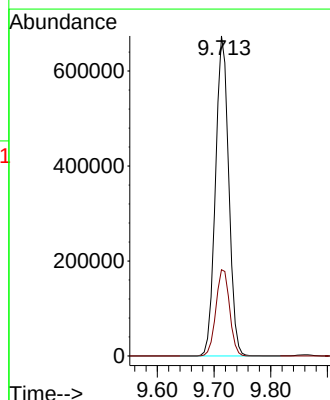
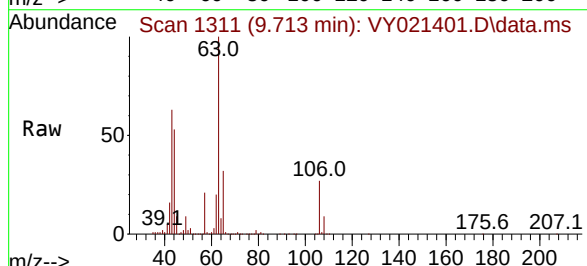
Acq: 04 Mar 2025 11:29

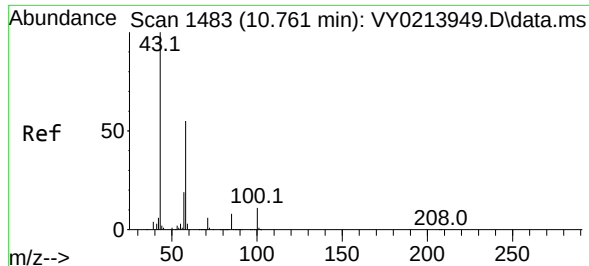
Tgt Ion: 63 Resp: 1094099

Ion Ratio Lower Upper

63 100

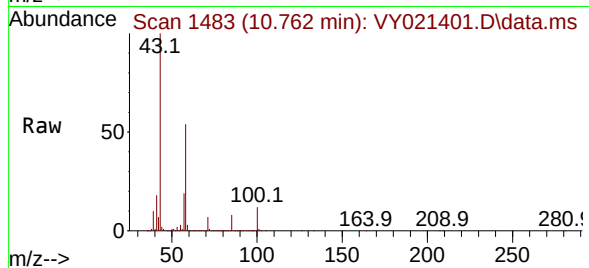
106 27.9 22.1 33.1





#59
2-Hexanone
Concen: 810.617 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

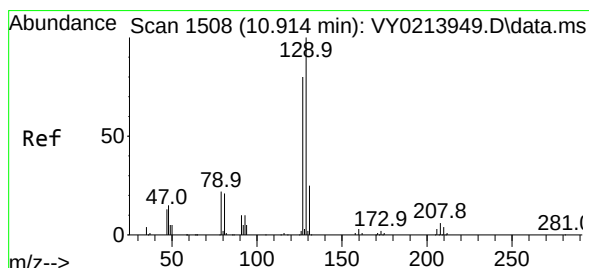
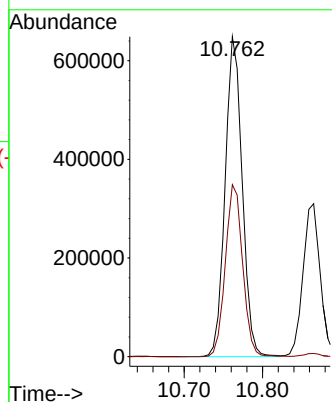
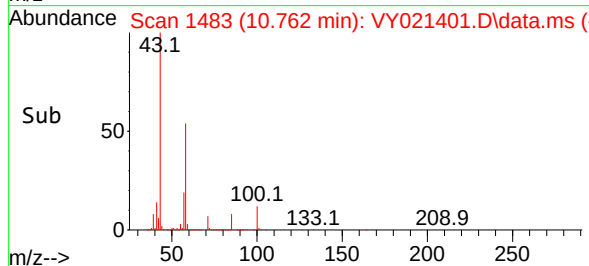
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 983955
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8

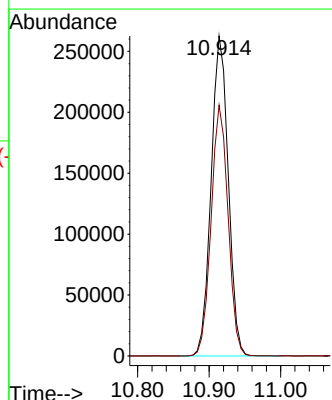
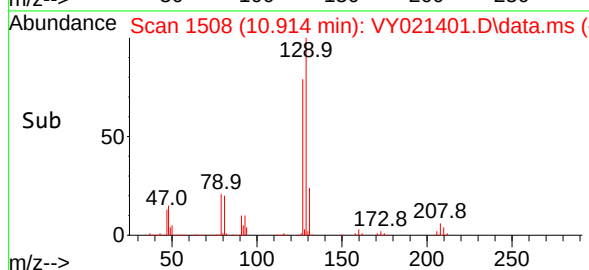
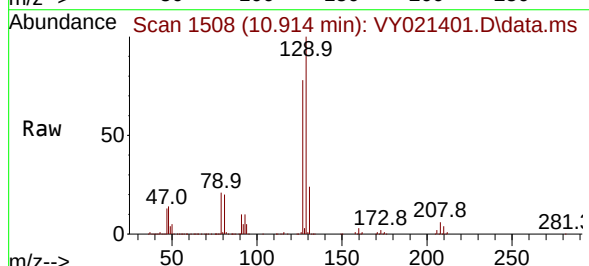
Manual Integrations
APPROVED

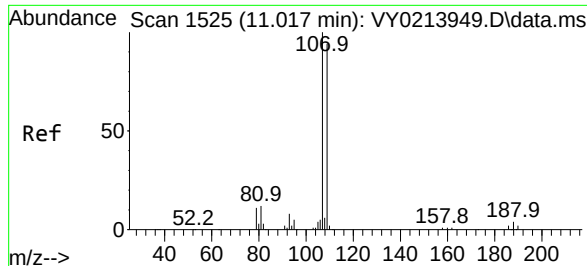
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60
Dibromochloromethane
Concen: 150.595 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

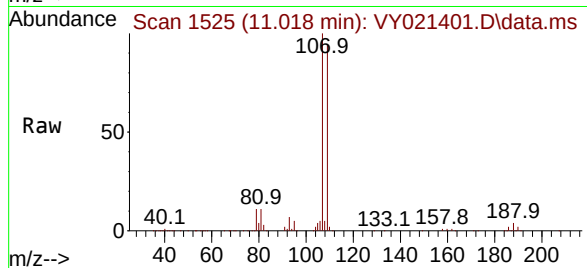
Tgt Ion:129 Resp: 436855
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3





#61
1,2-Dibromoethane
Concen: 149.635 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

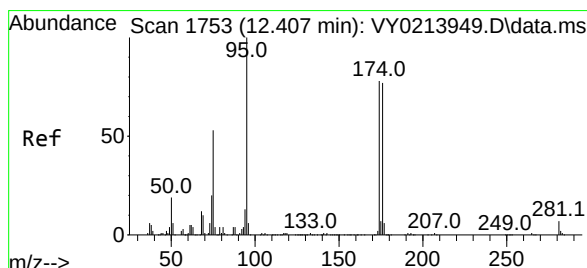
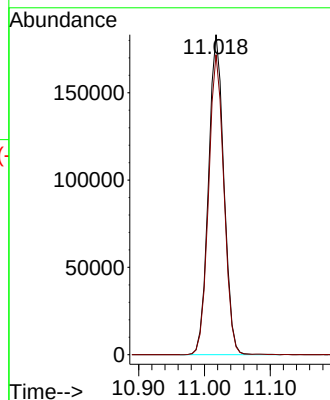
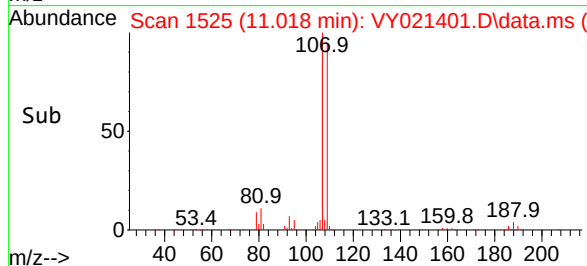
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:107 Resp: 29882
Ion Ratio Lower Upper
107 100
109 93.3 75.8 113.8

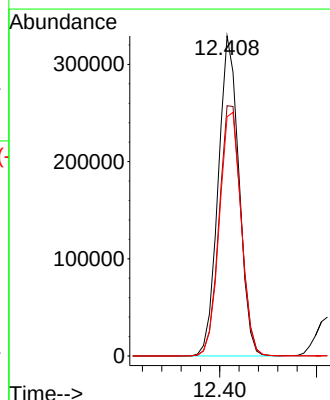
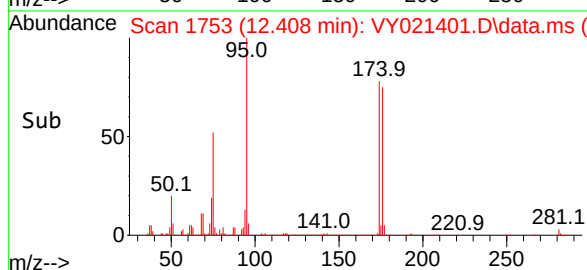
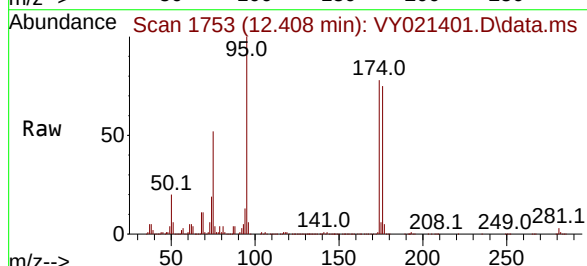
Manual Integrations
APPROVED

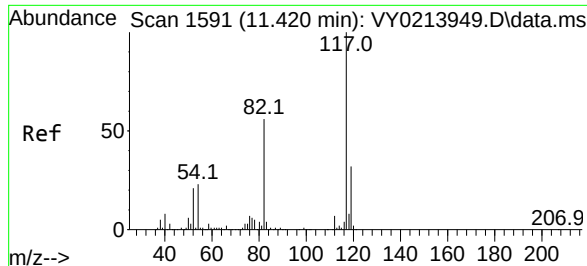
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 143.450 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 95 Resp: 489437
Ion Ratio Lower Upper
95 100
174 82.7 0.0 165.0
176 79.9 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:117 Resp: 35582

Ion Ratio Lower Upper

117 100

82 54.8 44.6 67.0

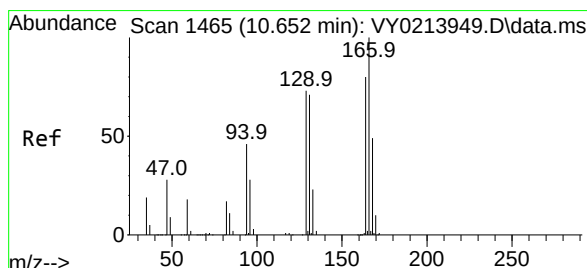
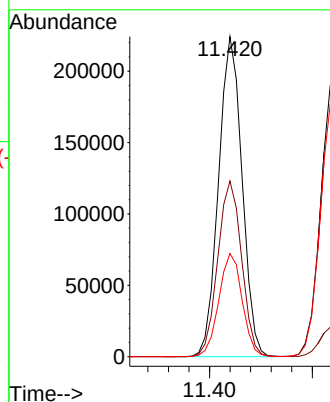
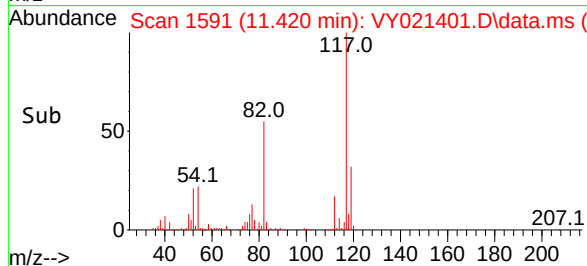
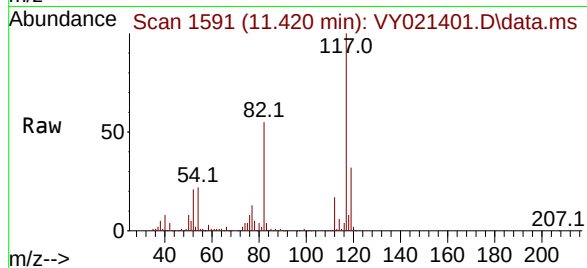
119 32.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#64

Tetrachloroethene

Concen: 144.847 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Tgt Ion:164 Resp: 419107

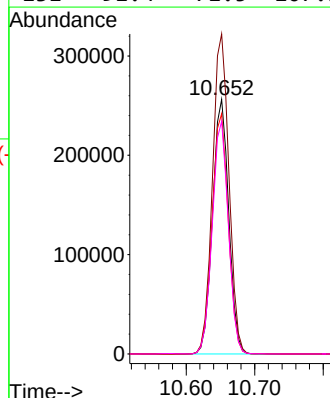
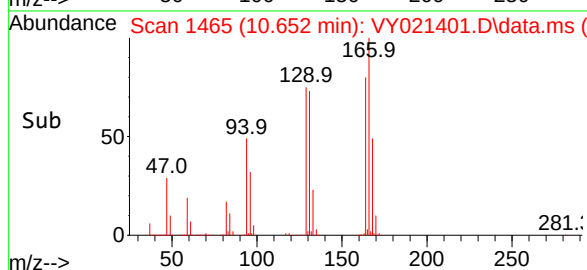
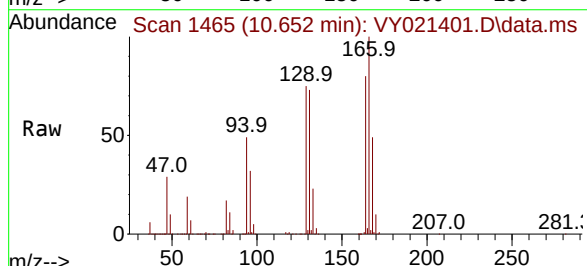
Ion Ratio Lower Upper

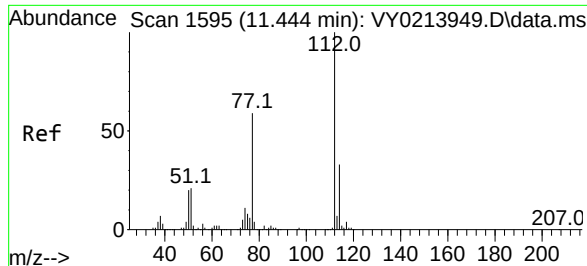
164 100

166 125.7 100.4 150.6

129 94.4 73.8 110.8

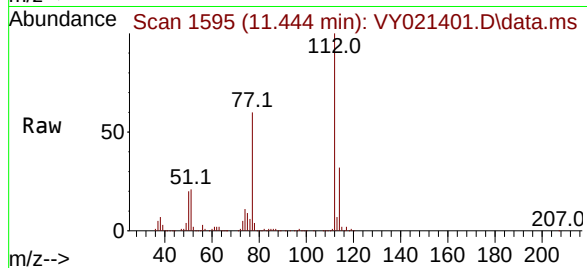
131 91.4 71.5 107.3





#65
Chlorobenzene
Concen: 147.949 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

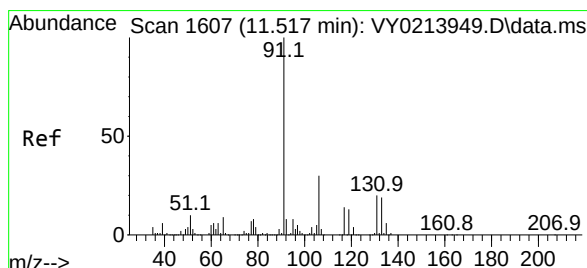
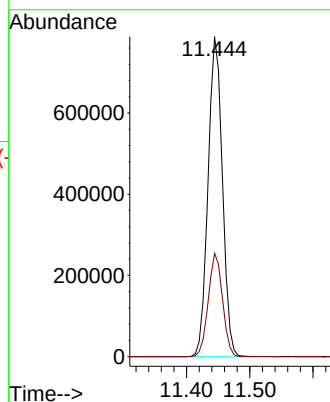
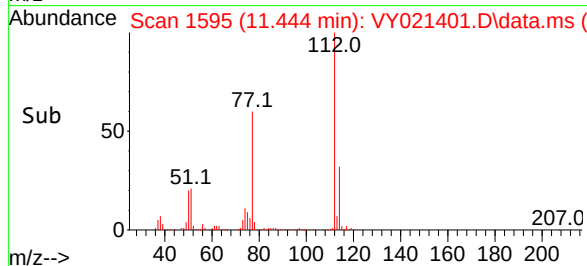
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:112 Resp: 124316
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1

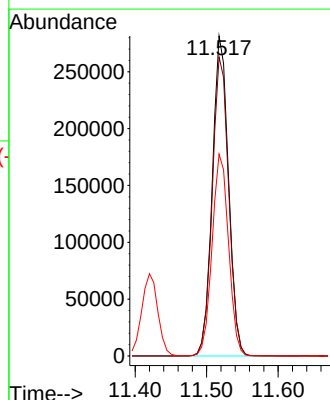
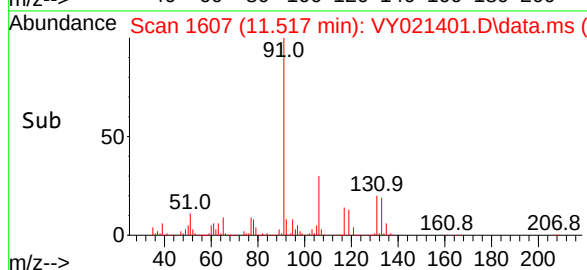
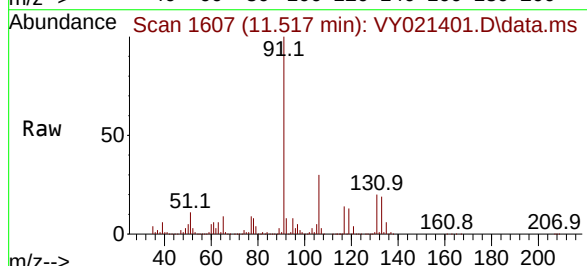
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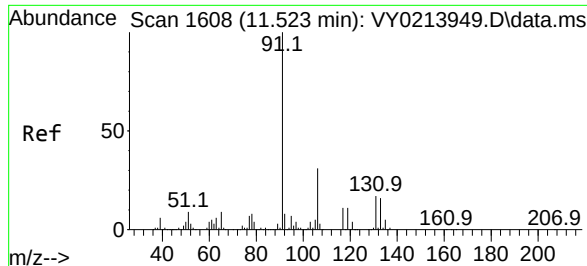
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 148.911 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion:131 Resp: 442377
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.9
119 64.2 32.3 96.9





#67

Ethyl Benzene

Concen: 155.358 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 2291269

Ion Ratio Lower Upper

91 100

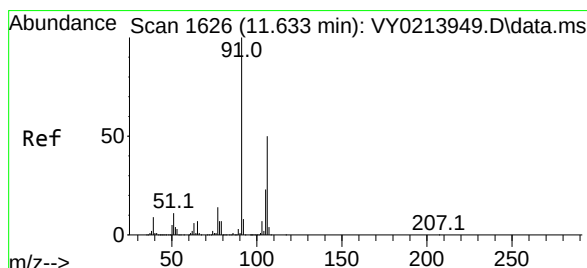
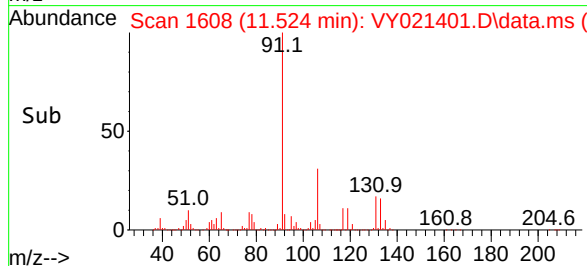
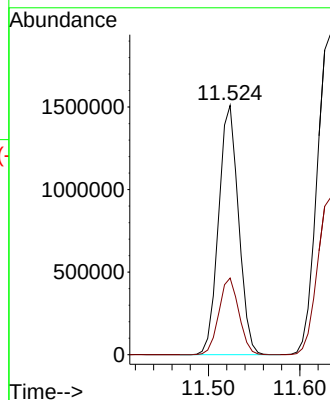
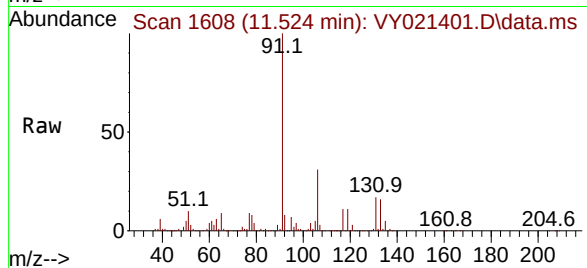
106 30.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#68

m/p-Xylenes

Concen: 306.103 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021401.D

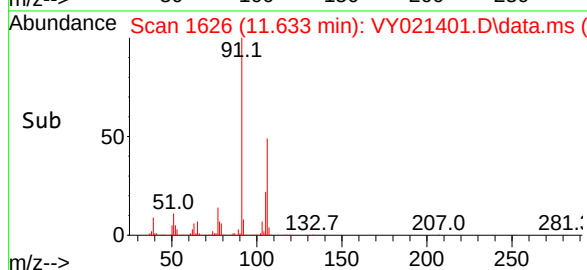
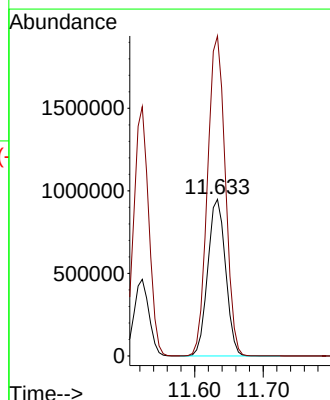
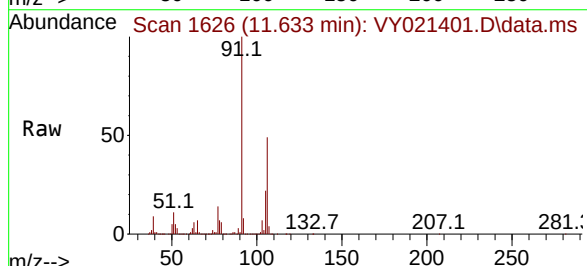
Acq: 04 Mar 2025 11:29

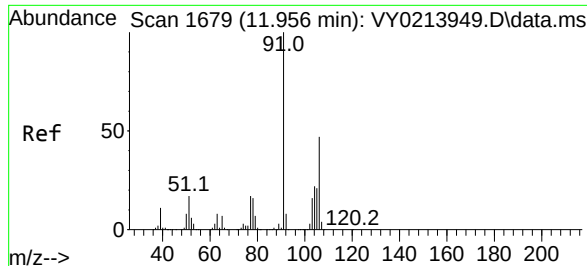
Tgt Ion:106 Resp: 1713936

Ion Ratio Lower Upper

106 100

91 204.1 161.7 242.5





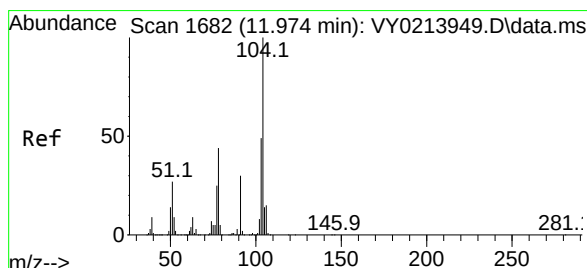
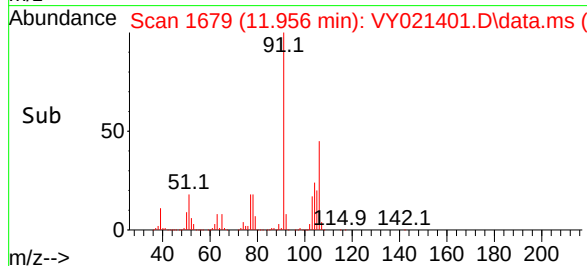
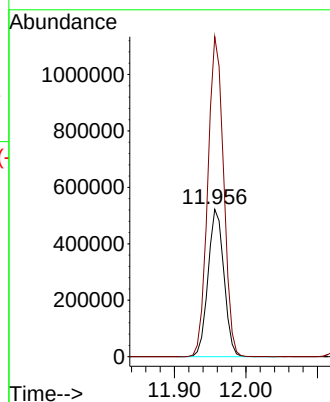
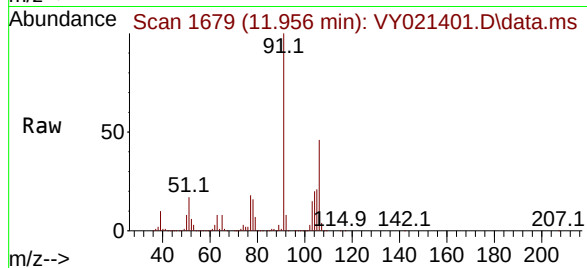
#69
o-Xylene
Concen: 156.057 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 80532
Ion Ratio Lower Upper
106 100
91 216.4 107.6 322.8

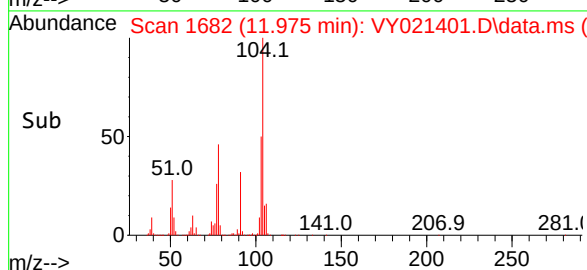
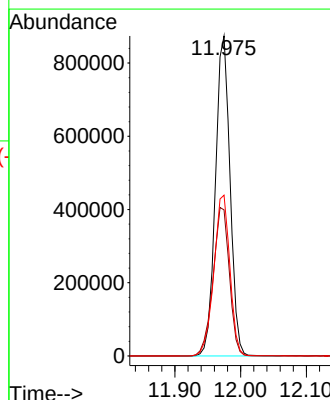
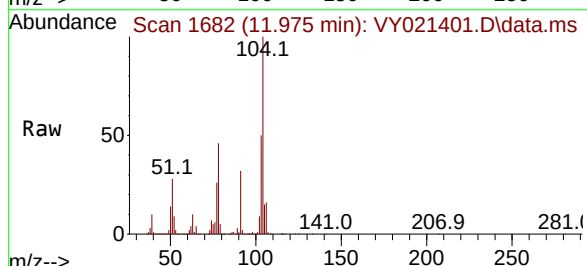
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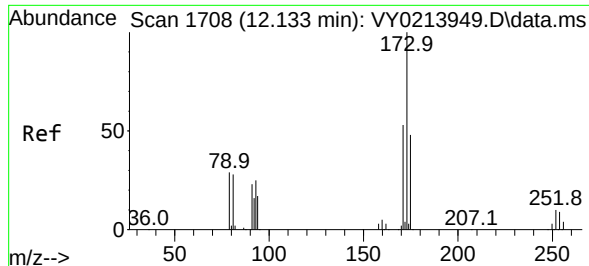
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#70
Styrene
Concen: 157.956 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion:104 Resp: 1352252
Ion Ratio Lower Upper
104 100
78 51.8 40.7 61.1
103 55.1 44.1 66.1





#71

Bromoform

Concen: 152.878 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 25388

Ion Ratio Lower Upper

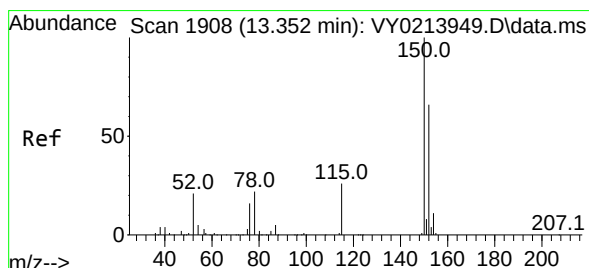
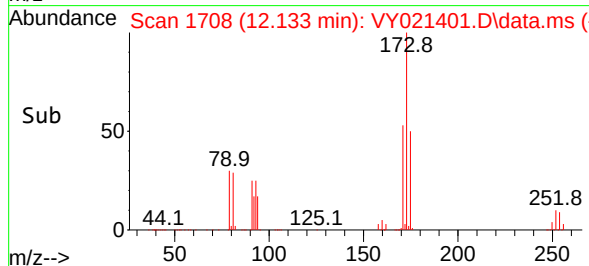
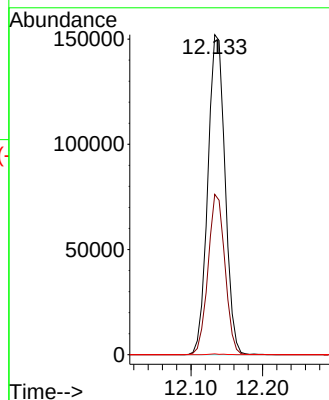
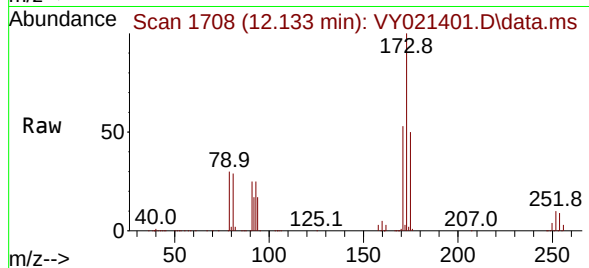
173 100

175 49.3 23.9 71.7

254 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

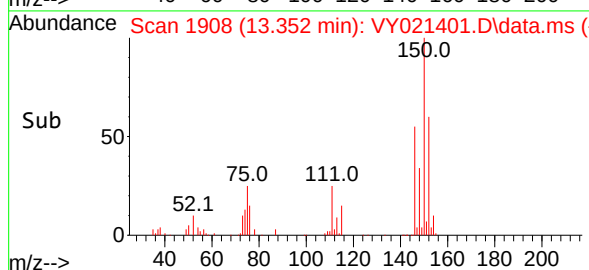
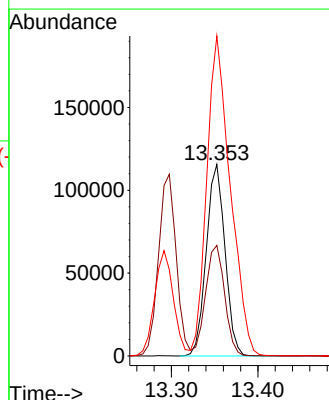
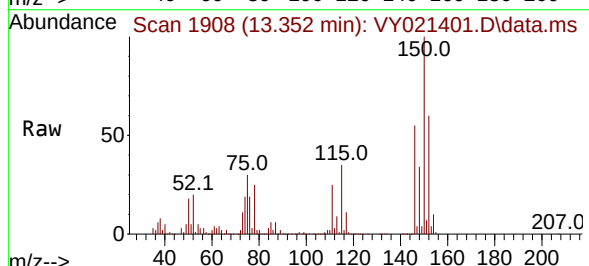
Tgt Ion:152 Resp: 173358

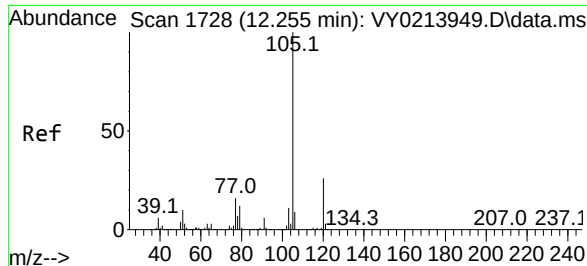
Ion Ratio Lower Upper

152 100

115 58.9 29.0 87.0

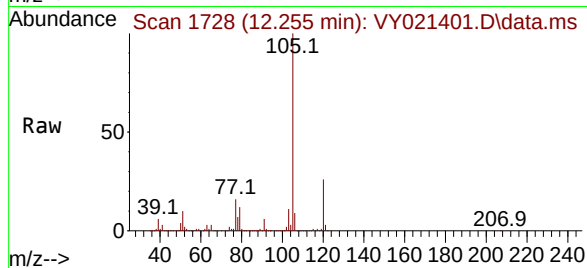
150 209.9 0.0 347.2





#73
Isopropylbenzene
Concen: 157.067 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

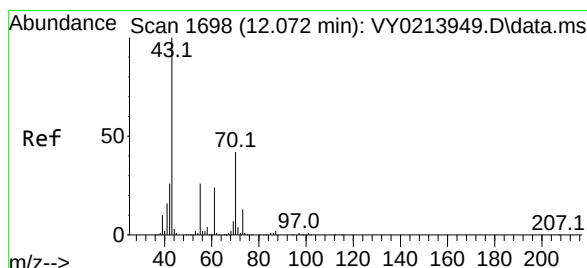
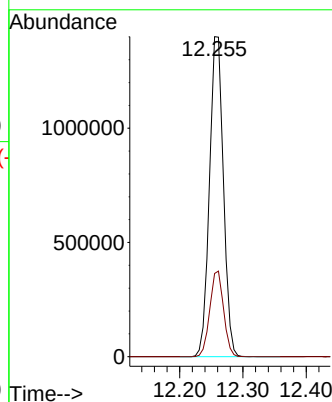
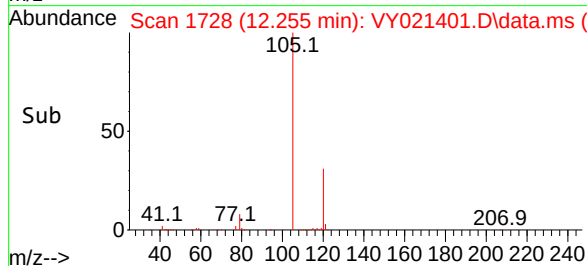
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:105 Resp: 214489
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

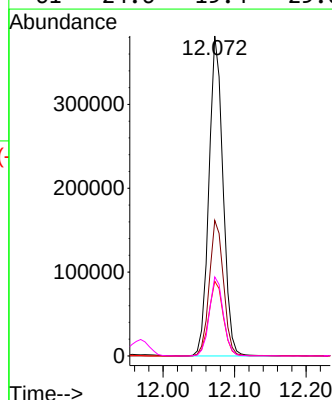
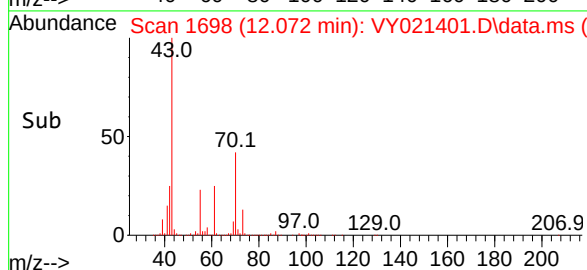
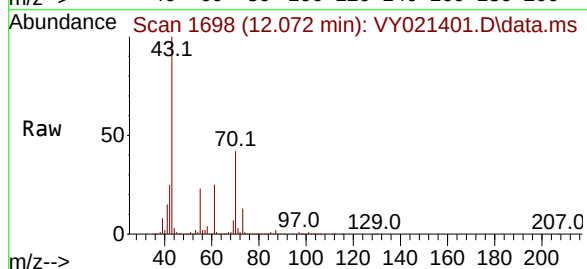
Manual Integrations
APPROVED

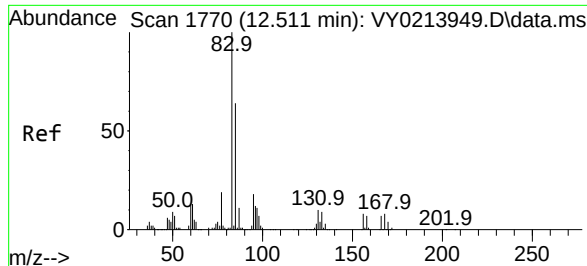
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 175.863 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 43 Resp: 521557
Ion Ratio Lower Upper
43 100
70 42.7 34.6 51.8
55 24.2 21.1 31.7
61 24.6 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 148.865 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

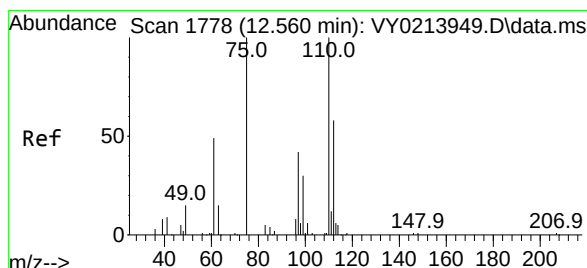
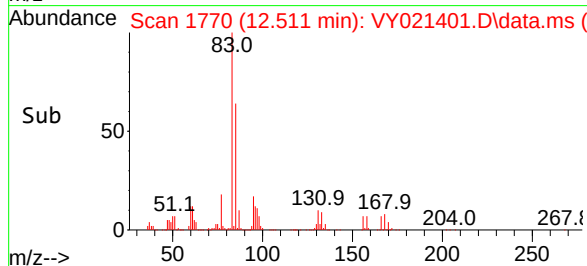
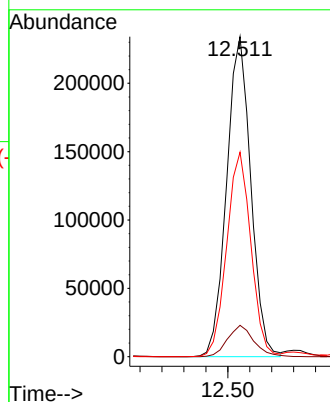
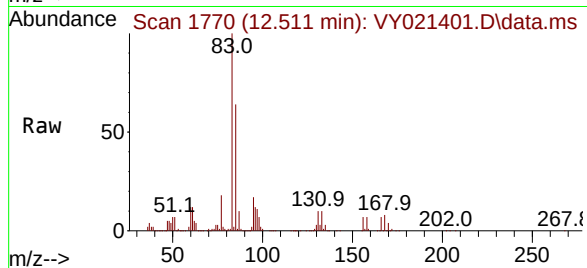
VSTDIC150

Tgt Ion	83	Resp	358734
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	16.1
85	63.9	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#76

1,2,3-Trichloropropane

Concen: 138.129 ug/l m

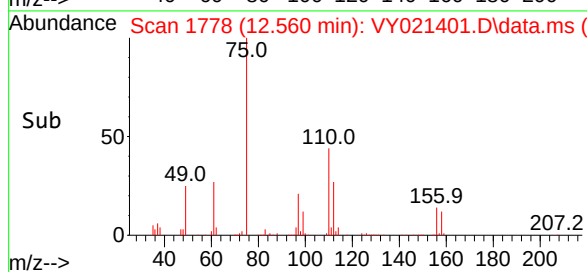
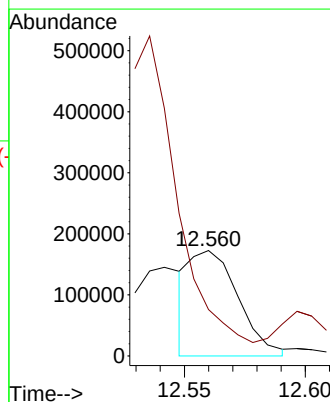
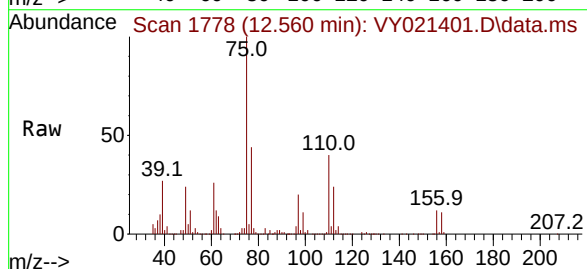
RT: 12.560 min Scan# 1778

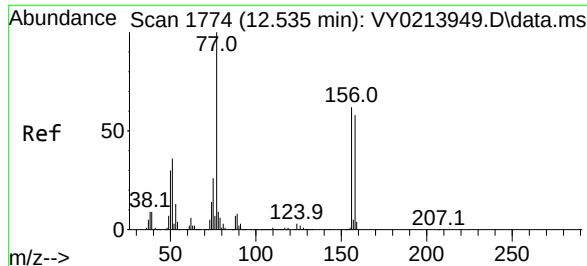
Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Tgt Ion	75	Resp	241297
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





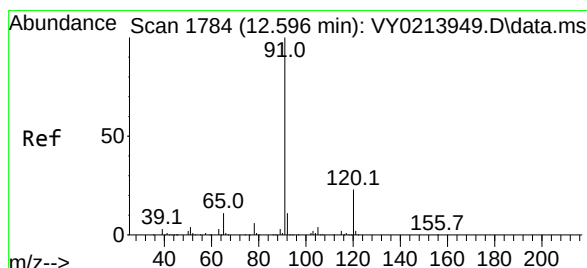
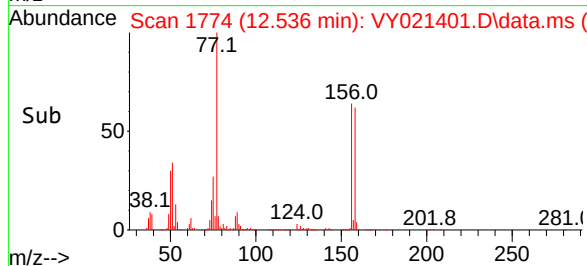
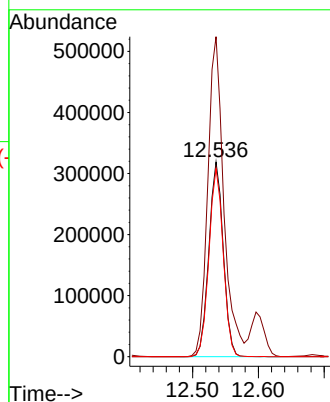
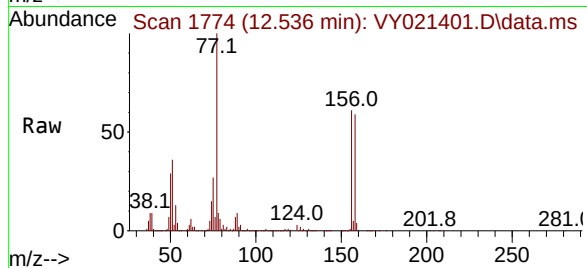
#77
Bromobenzene
Concen: 151.891 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 485258
Ion Ratio Lower Upper
156 100
77 182.8 93.6 280.8
158 96.0 48.3 144.8

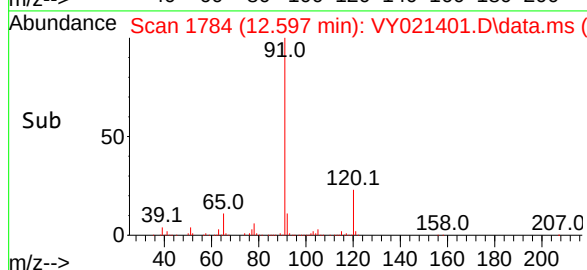
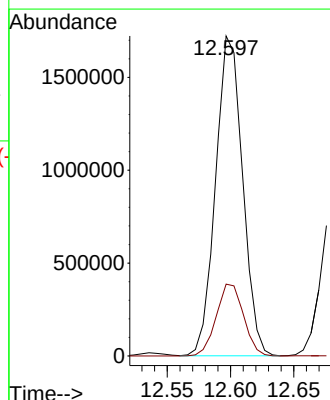
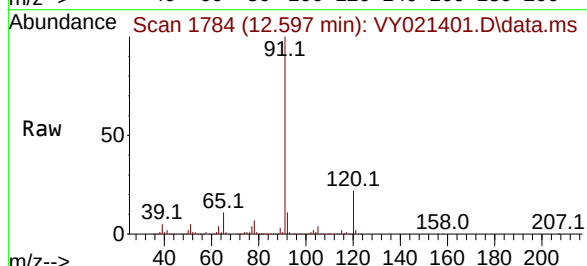
Manual Integrations
APPROVED

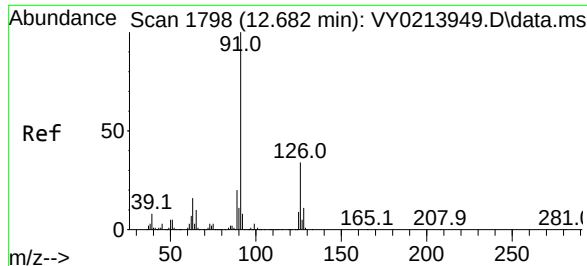
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78
n-propylbenzene
Concen: 153.780 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 91 Resp: 2550395
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





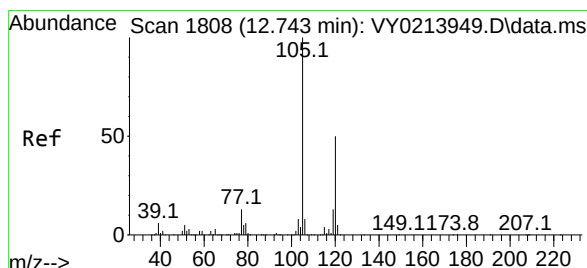
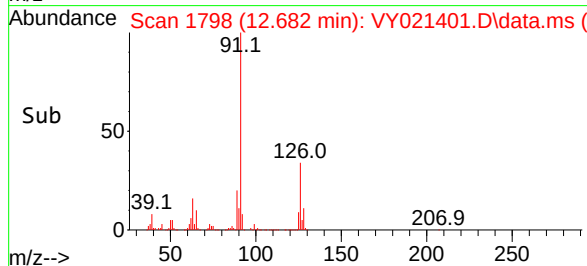
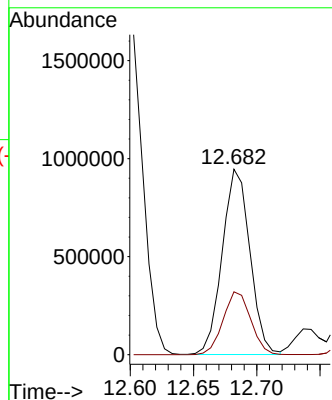
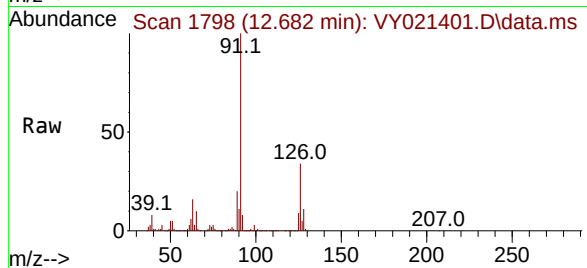
#79
2-Chlorotoluene
Concen: 151.808 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 143959
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6

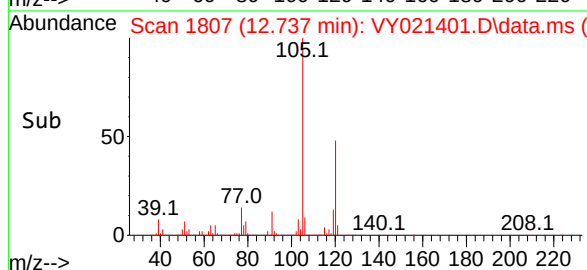
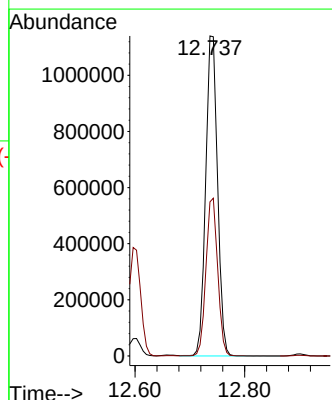
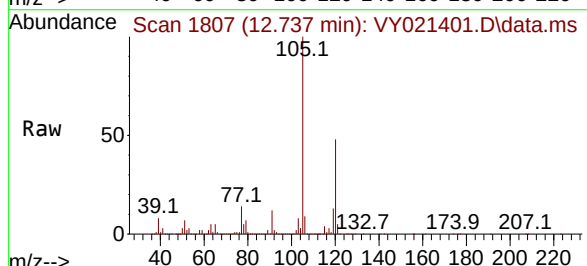
Manual Integrations
APPROVED

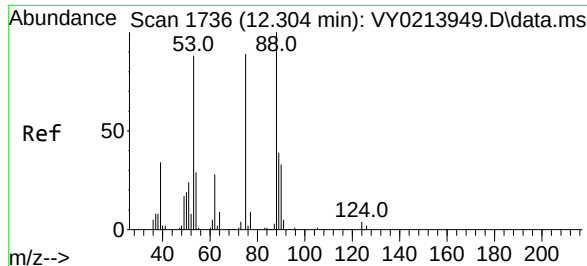
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 153.582 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion:105 Resp: 1704391
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 164.316 ug/l

RT: 12.310 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 12626

Ion Ratio Lower Upper

75 100

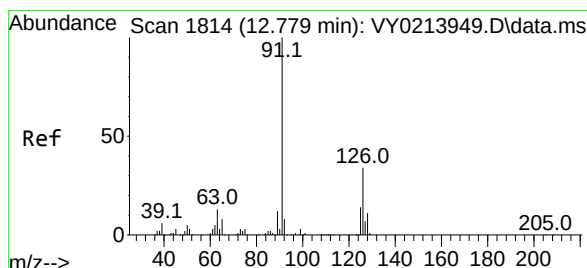
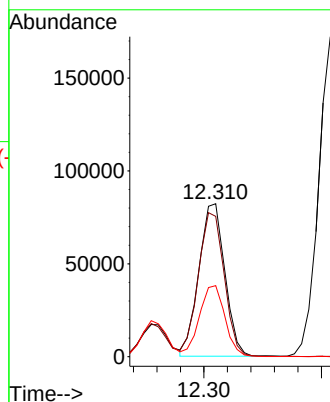
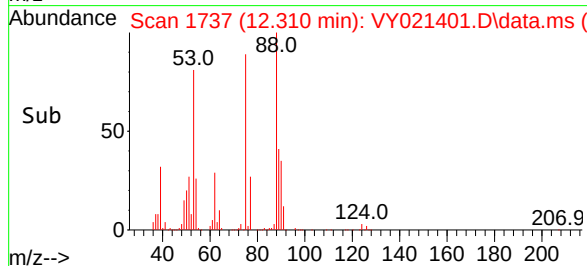
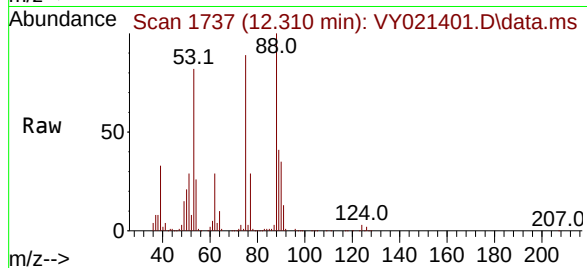
53 94.4 81.0 121.4

89 46.1 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#82

4-Chlorotoluene

Concen: 149.554 ug/l

RT: 12.779 min Scan# 1814

Delta R.T. 0.000 min

Lab File: VY021401.D

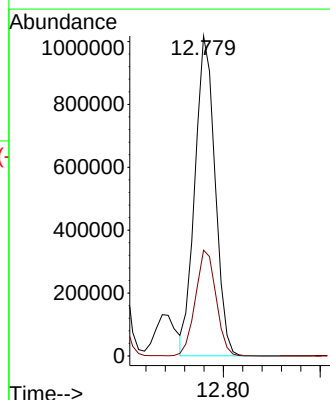
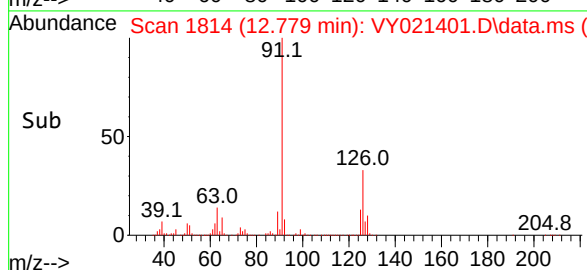
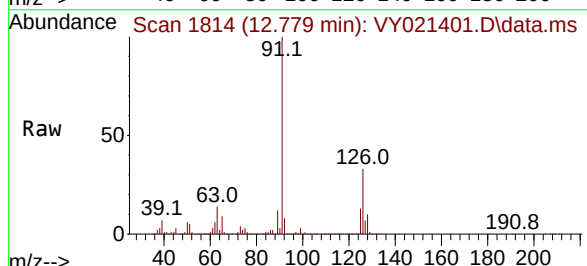
Acq: 04 Mar 2025 11:29

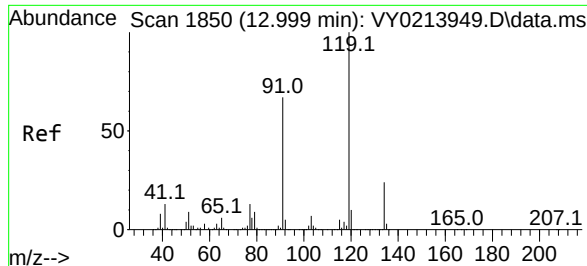
Tgt Ion: 91 Resp: 1468603

Ion Ratio Lower Upper

91 100

126 34.1 17.0 51.0





#83

tert-Butylbenzene

Concen: 155.433 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 153880

Ion Ratio Lower Upper

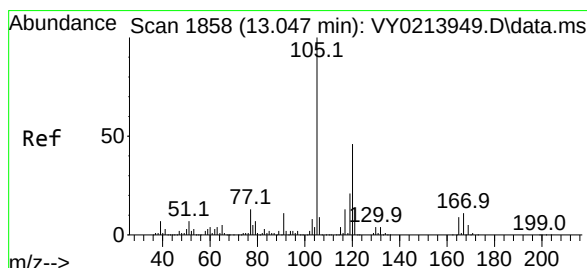
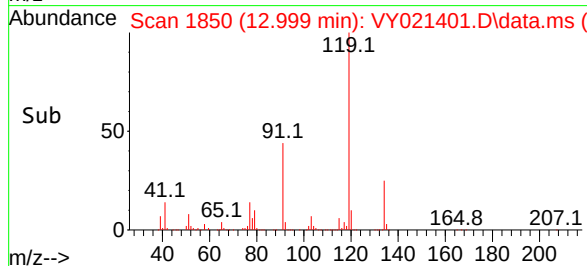
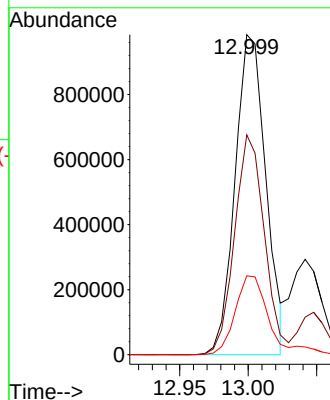
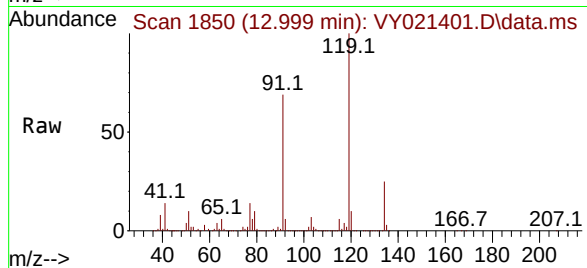
119 100

91 66.6 33.2 99.6

134 27.1 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#84

1,2,4-Trimethylbenzene

Concen: 155.470 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY021401.D

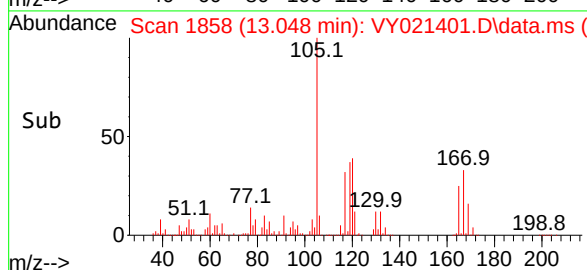
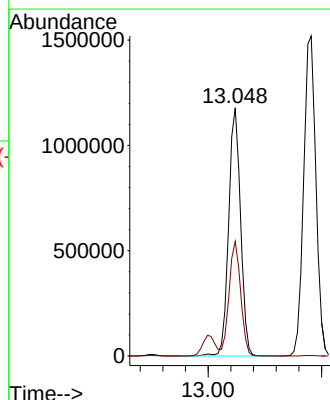
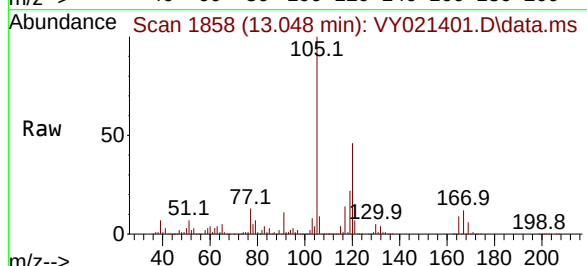
Acq: 04 Mar 2025 11:29

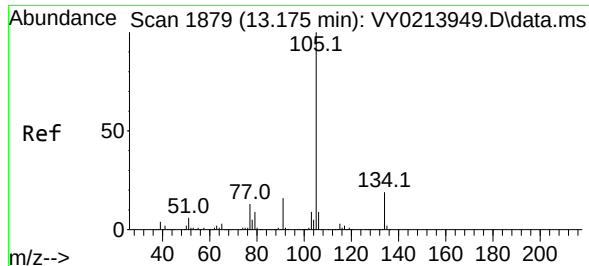
Tgt Ion:105 Resp: 1713052

Ion Ratio Lower Upper

105 100

120 44.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 154.650 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:105 Resp: 2277970

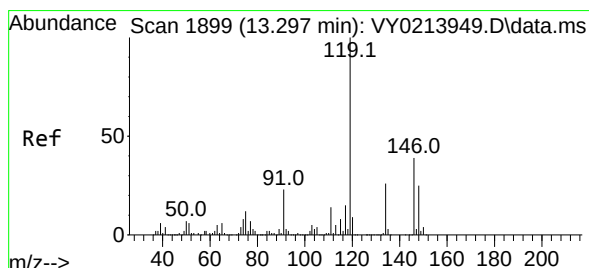
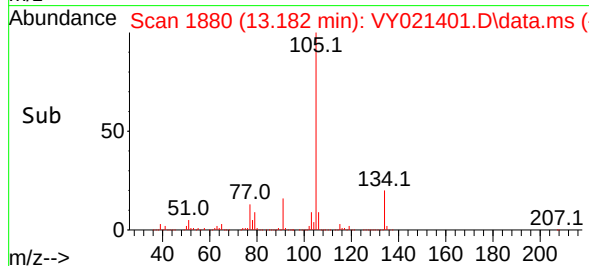
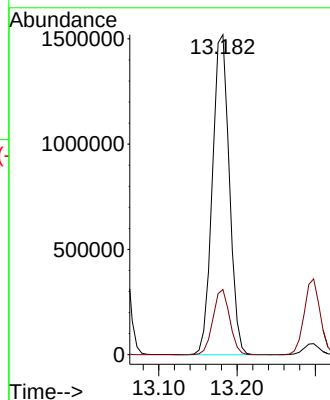
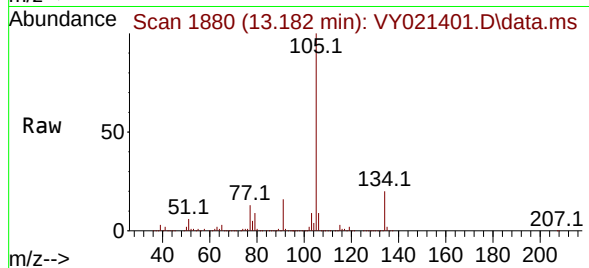
Ion Ratio Lower Upper

105 100

134 20.2 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#86

p-Isopropyltoluene

Concen: 159.931 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

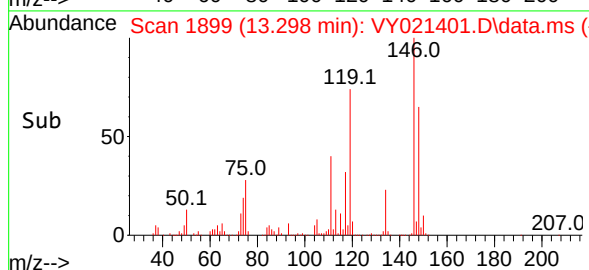
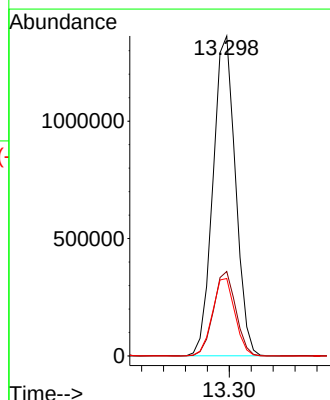
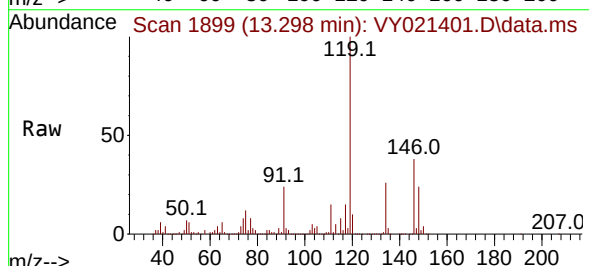
Tgt Ion:119 Resp: 1940795

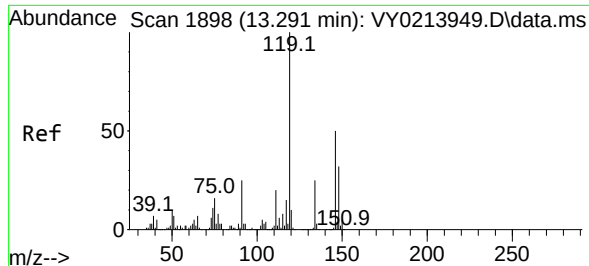
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

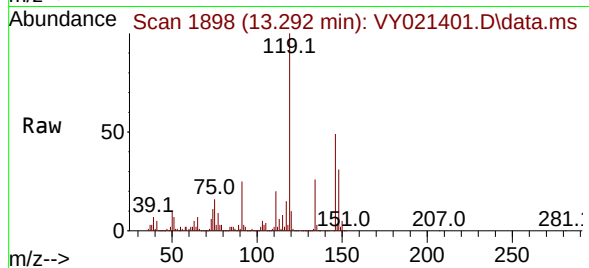
91 24.4 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 149.004 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

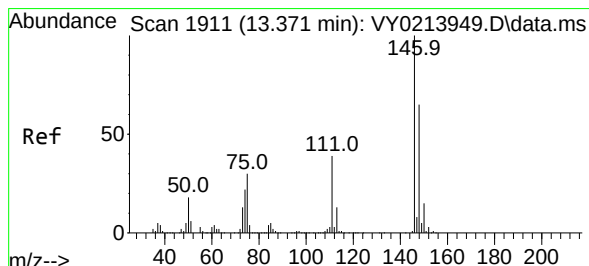
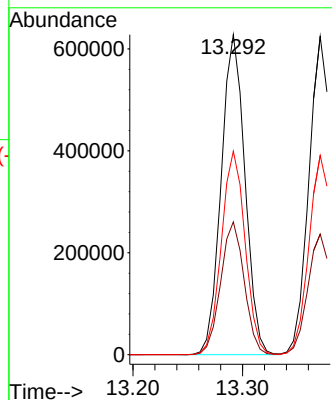
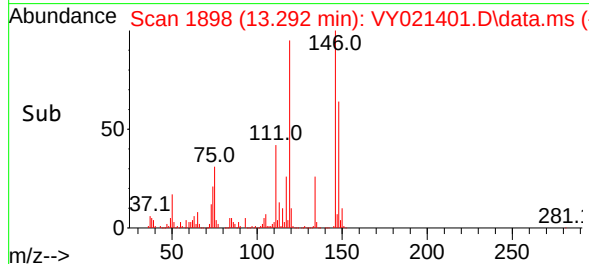
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 94757
Ion Ratio Lower Upper
146 100
111 41.0 20.0 60.0
148 63.5 31.8 95.3

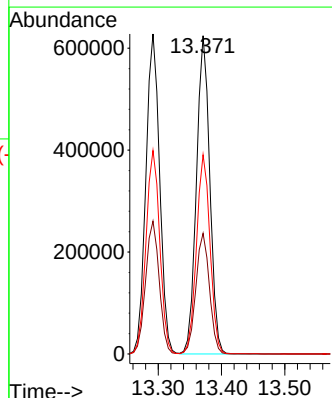
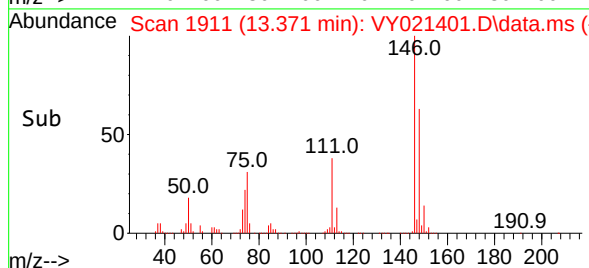
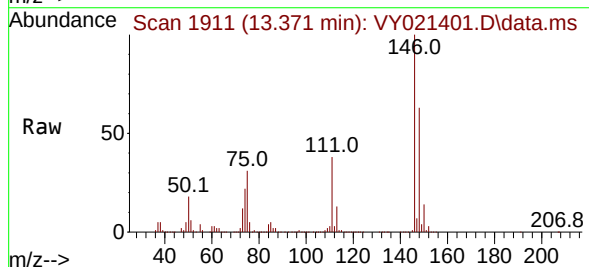
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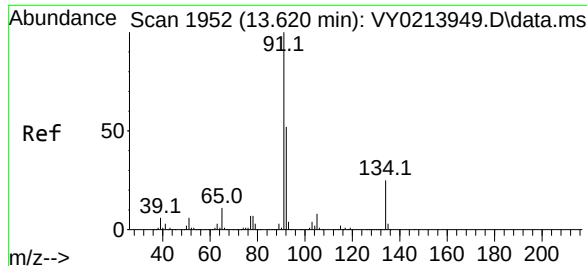
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#88
1,4-Dichlorobenzene
Concen: 147.547 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion:146 Resp: 917648
Ion Ratio Lower Upper
146 100
111 38.6 19.6 58.8
148 63.4 32.3 96.8





#89

n-Butylbenzene

Concen: 162.308 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 181877

Ion Ratio Lower Upper

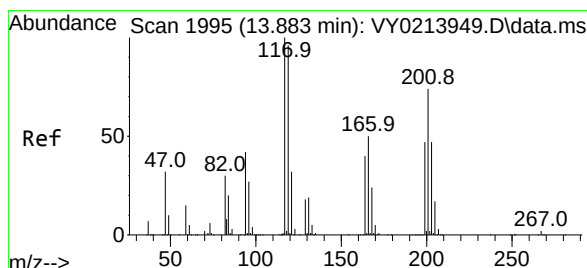
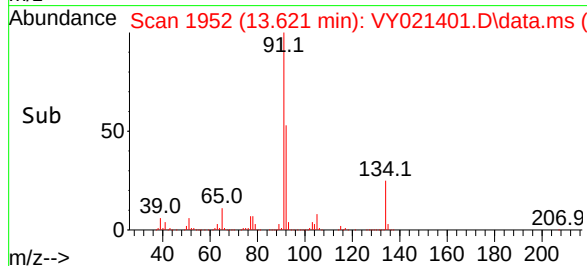
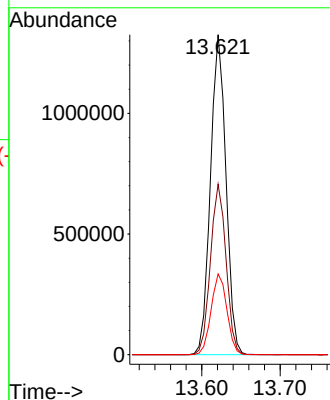
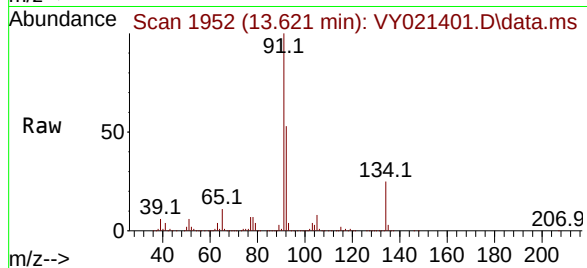
91 100

92 53.6 26.1 78.3

134 25.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#90

Hexachloroethane

Concen: 151.984 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021401.D

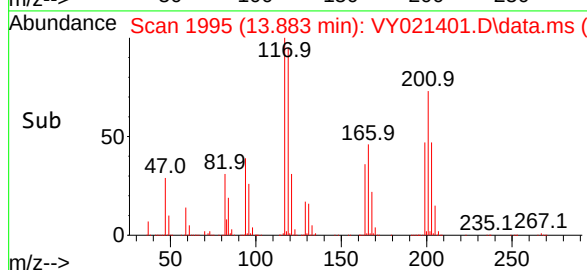
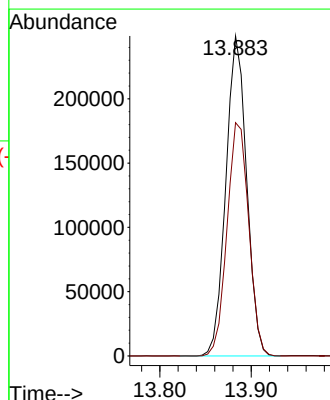
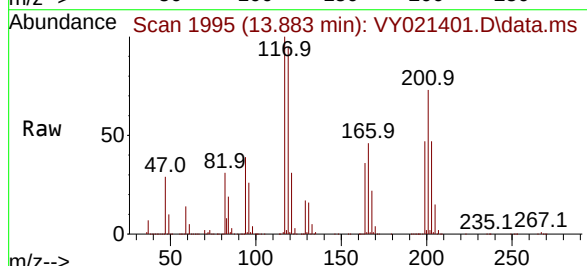
Acq: 04 Mar 2025 11:29

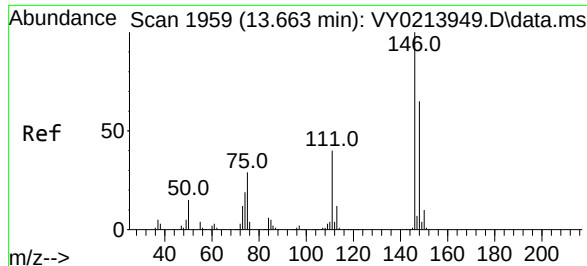
Tgt Ion:117 Resp: 393459

Ion Ratio Lower Upper

117 100

201 76.1 37.4 112.2





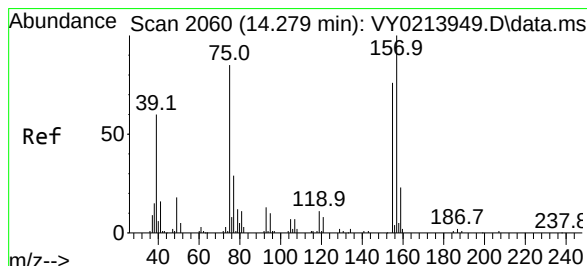
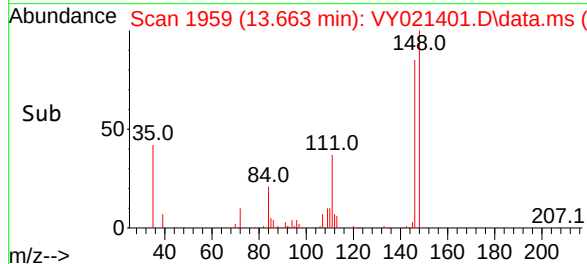
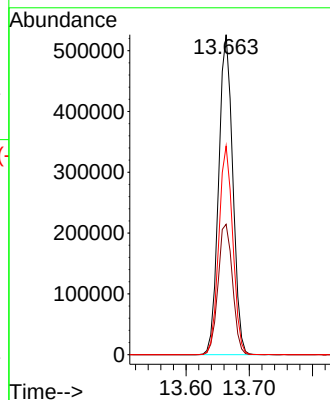
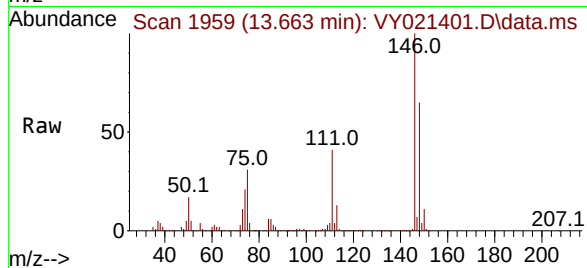
#91
1,2-Dichlorobenzene
Concen: 148.890 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 811529
Ion Ratio Lower Upper
146 100
111 41.9 20.7 62.1
148 64.5 32.1 96.5

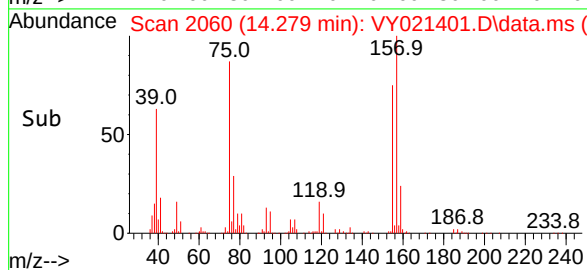
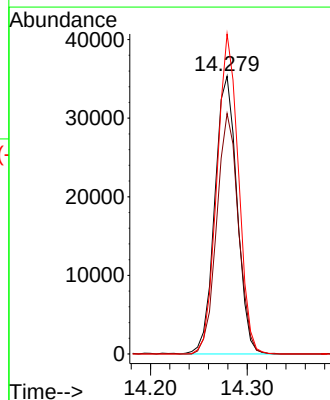
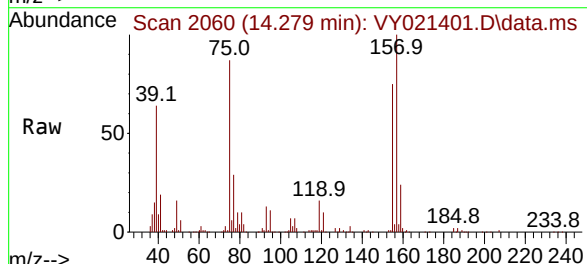
Manual Integrations
APPROVED

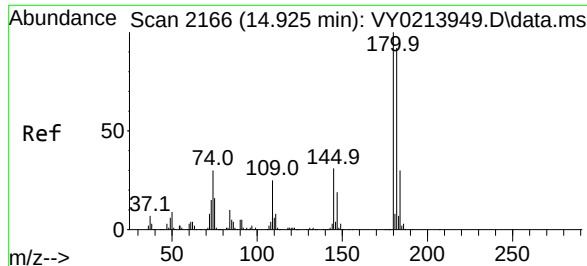
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 155.702 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 75 Resp: 56205
Ion Ratio Lower Upper
75 100
155 84.8 43.5 130.5
157 111.7 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 173.726 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 517199

Ion Ratio Lower Upper

180 100

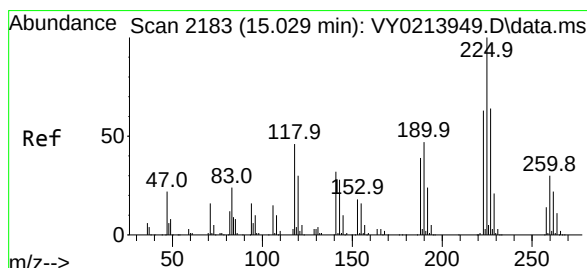
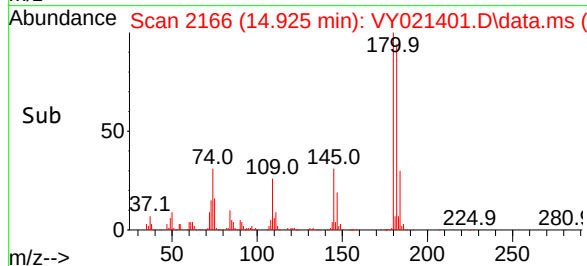
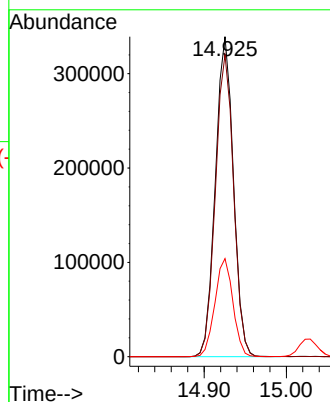
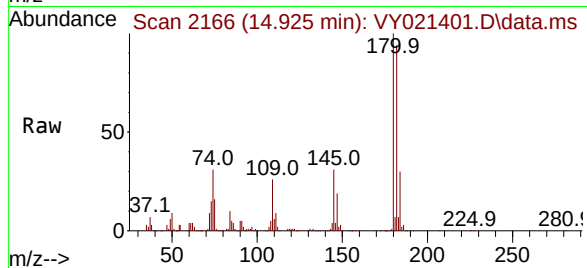
182 95.1 46.7 140.0

145 30.7 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025



#94

Hexachlorobutadiene

Concen: 162.105 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY021401.D

Acq: 04 Mar 2025 11:29

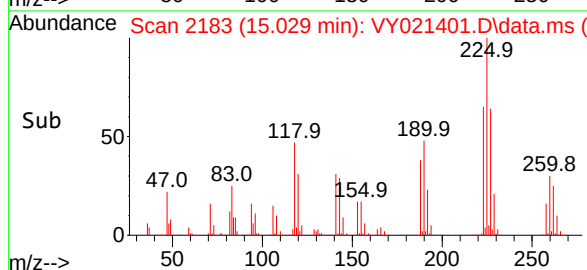
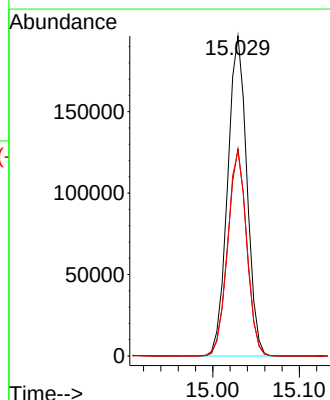
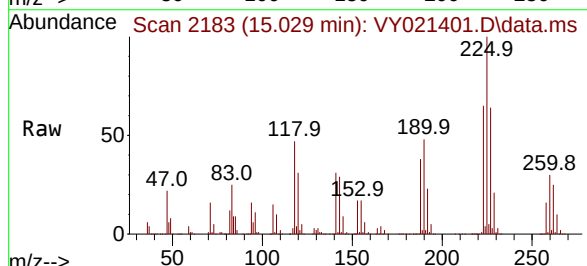
Tgt Ion:225 Resp: 302517

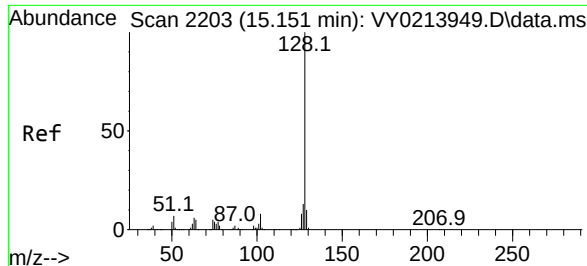
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.2

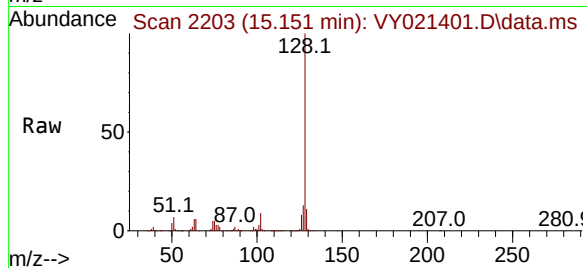
227 63.9 31.8 95.4





#95
Naphthalene
Concen: 150.626 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

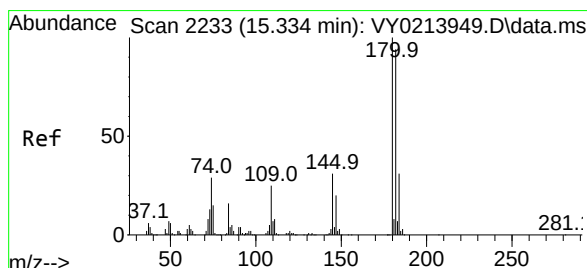
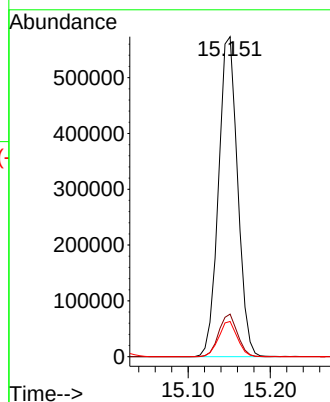
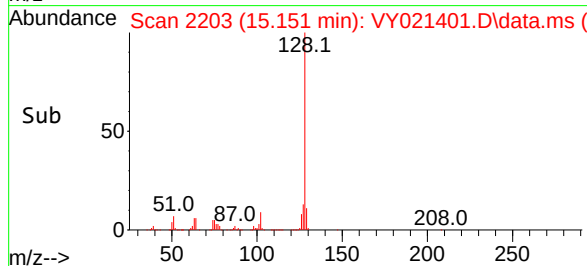
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 925079
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.8 8.6 13.0

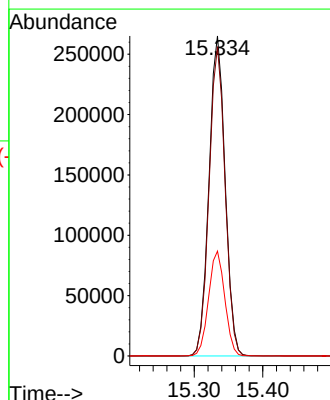
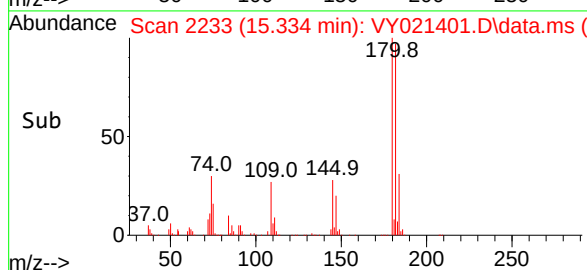
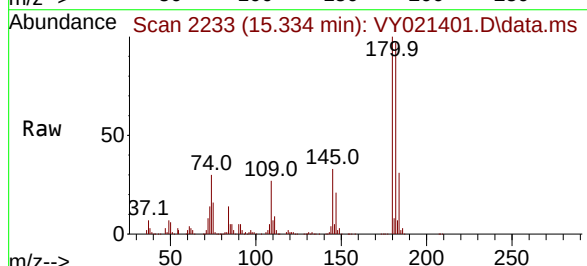
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 173.503 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021401.D
Acq: 04 Mar 2025 11:29

Tgt Ion:180 Resp: 434430
Ion Ratio Lower Upper
180 100
182 95.9 47.2 141.6
145 32.9 16.4 49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021403.D
 Acq On : 04 Mar 2025 12:15
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:02:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	245027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	394876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	337621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	161080	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	14848	5.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.460%#
35) Dibromofluoromethane	7.634	113	14631	5.637	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.280%#
50) Toluene-d8	10.109	98	54665	5.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	11.120%#
62) 4-Bromofluorobenzene	12.408	95	19663	5.882	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	11.760%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	12951	5.760	ug/l	91
3) Chloromethane	2.074	50	19424	6.127	ug/l	98
4) Vinyl Chloride	2.208	62	19070	5.505	ug/l	99
5) Bromomethane	2.605	94	15706	6.273	ug/l	95
6) Chloroethane	2.745	64	12773	5.579	ug/l	98
7) Trichlorofluoromethane	3.068	101	27176	5.620	ug/l	99
8) Diethyl Ether	3.458	74	7381	5.508	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.824	101	16374	5.931	ug/l	99
10) Methyl Iodide	4.013	142	12057	4.296	ug/l	99
11) Tert butyl alcohol	4.872	59	7503	24.295	ug/l #	83
12) 1,1-Dichloroethene	3.800	96	13880	5.515	ug/l	97
13) Acrolein	3.653	56	6605	50.142	ug/l	93
14) Allyl chloride	4.385	41	21629	5.317	ug/l	99
15) Acrylonitrile	5.068	53	14939	26.189	ug/l	100
16) Acetone	3.879	43	17626	31.204	ug/l	99
17) Carbon Disulfide	4.110	76	42440	5.380	ug/l	99
18) Methyl Acetate	4.391	43	6561	5.235	ug/l	94
19) Methyl tert-butyl Ether	5.129	73	33420	5.239	ug/l	94
20) Methylene Chloride	4.629	84	19304	6.511	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	15868	5.629	ug/l	89
22) Diisopropyl ether	6.019	45	45242	5.161	ug/l	88
23) Vinyl Acetate	5.970	43	124260	24.838	ug/l	96
24) 1,1-Dichloroethane	5.921	63	28883	5.583	ug/l	97
25) 2-Butanone	6.903	43	22073	28.249	ug/l	96
26) 2,2-Dichloropropane	6.890	77	27105	5.694	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	17198	5.371	ug/l	93
28) Bromochloromethane	7.250	49	11718	5.403	ug/l	99
29) Tetrahydrofuran	7.274	42	12689	26.305	ug/l	99
30) Chloroform	7.427	83	29950	5.575	ug/l	99
31) Cyclohexane	7.701	56	29806	6.145	ug/l #	93
32) 1,1,1-Trichloroethane	7.622	97	28207	5.734	ug/l	95
36) 1,1-Dichloropropene	7.841	75	21694	5.340	ug/l	98
37) Ethyl Acetate	6.988	43	9539m	5.205	ug/l	
38) Carbon Tetrachloride	7.823	117	24674	5.281	ug/l	96
39) Methylcyclohexane	9.110	83	25312	5.079	ug/l	95
40) Benzene	8.085	78	63894	5.339	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021403.D
 Acq On : 04 Mar 2025 12:15
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:02:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	4825	4.834	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	17906	5.348	ug/l	99
43) Isopropyl Acetate	8.201	43	18016	5.168	ug/l	97
44) Trichloroethene	8.872	130	16384	5.417	ug/l	98
45) 1,2-Dichloropropane	9.146	63	15302	5.372	ug/l	91
46) Dibromomethane	9.238	93	8211	5.181	ug/l	99
47) Bromodichloromethane	9.427	83	22083	5.247	ug/l	95
48) Methyl methacrylate	9.225	41	7383	4.568	ug/l	98
49) 1,4-Dioxane	9.231	88	1424	91.537	ug/l #	90
51) 4-Methyl-2-Pentanone	10.000	43	43306	24.077	ug/l	100
52) Toluene	10.176	92	38833	5.146	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	18188	4.905	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	22504	5.111	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	10837	5.227	ug/l	97
56) Ethyl methacrylate	10.439	69	11475	4.340	ug/l	97
57) 1,3-Dichloropropane	10.719	76	18380	5.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	26908	22.045	ug/l	99
59) 2-Hexanone	10.762	43	27441	23.073	ug/l	97
60) Dibromochloromethane	10.914	129	14771	5.197	ug/l	96
61) 1,2-Dibromoethane	11.018	107	10188	5.207	ug/l	99
64) Tetrachloroethene	10.652	164	15148	5.518	ug/l	95
65) Chlorobenzene	11.444	112	43322	5.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	15173	5.383	ug/l	96
67) Ethyl Benzene	11.524	91	71391	5.102	ug/l	97
68) m/p-Xylenes	11.633	106	53829	10.132	ug/l	99
69) o-Xylene	11.957	106	24421	4.988	ug/l	100
70) Styrene	11.975	104	38858	4.784	ug/l	99
71) Bromoform	12.133	173	7934	5.035	ug/l #	96
73) Isopropylbenzene	12.255	105	64065	5.049	ug/l	98
74) N-amyl acetate	12.072	43	12319	4.470	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	11865	5.299	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	10101m	6.223	ug/l	
77) Bromobenzene	12.536	156	15812	5.327	ug/l	97
78) n-propylbenzene	12.597	91	80203	5.205	ug/l	99
79) 2-Chlorotoluene	12.682	91	47065	5.341	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	53272	5.166	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	3431	4.805	ug/l	92
82) 4-Chlorotoluene	12.780	91	48178	5.280	ug/l	100
83) tert-Butylbenzene	12.999	119	46550	5.060	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	52203	5.099	ug/l	98
85) sec-Butylbenzene	13.176	105	71799	5.246	ug/l	100
86) p-Isopropyltoluene	13.298	119	57131	5.067	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	32709	5.535	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	32045	5.545	ug/l	95
89) n-Butylbenzene	13.621	91	52654	5.057	ug/l	99
90) Hexachloroethane	13.883	117	13537	5.628	ug/l	95
91) 1,2-Dichlorobenzene	13.664	146	27758	5.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1880	5.605	ug/l	86
93) 1,2,4-Trichlorobenzene	14.926	180	13925	5.034	ug/l	98
94) Hexachlorobutadiene	15.029	225	9351	5.393	ug/l	97
95) Naphthalene	15.151	128	19552	5.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	11822	5.081	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021403.D
Acq On : 04 Mar 2025 12:15
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 03:02:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

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

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

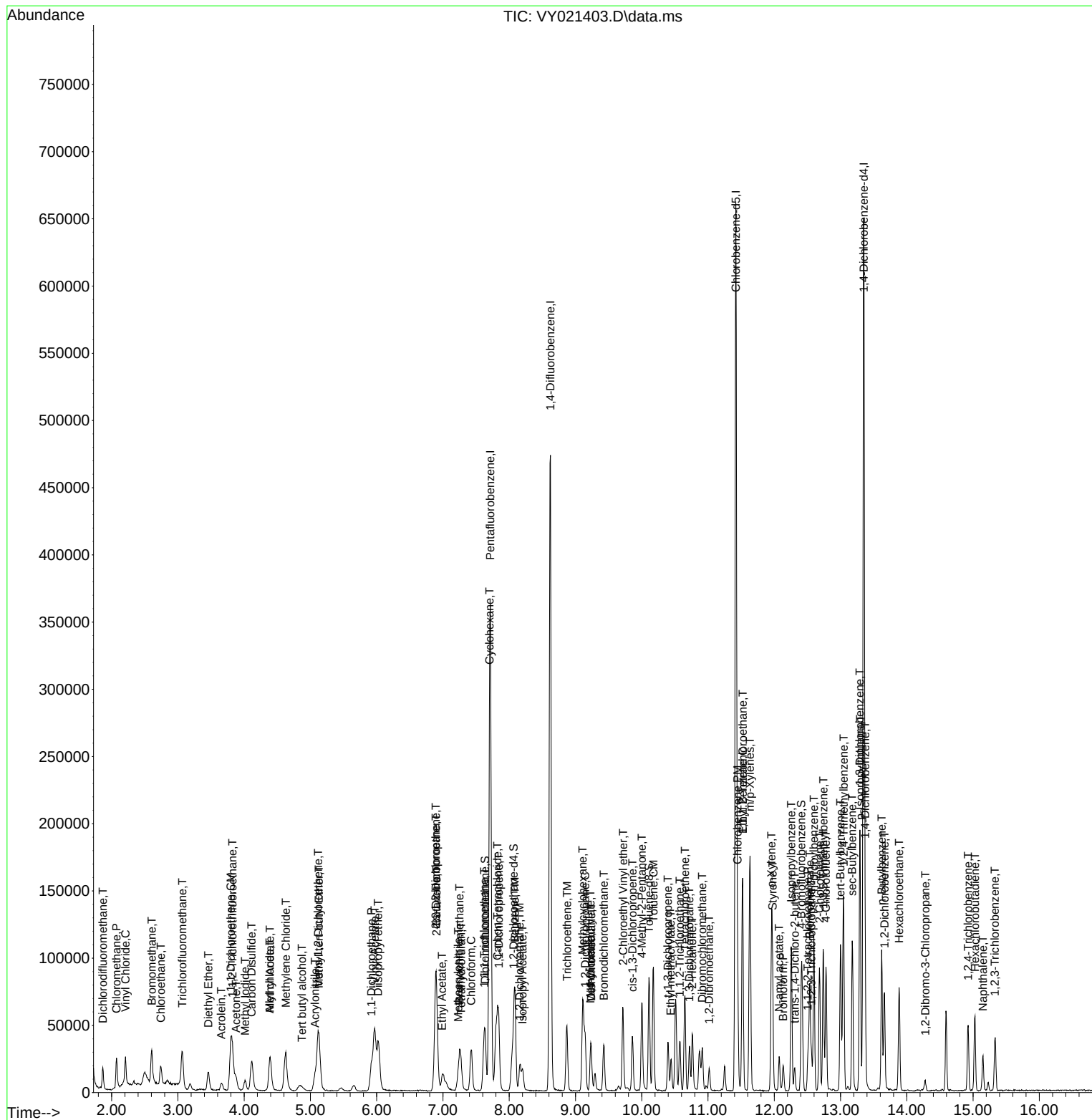
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Data File : VY021403.D
Acq On : 04 Mar 2025 12:15
Operator : SY/MD
Sample : VSTDIC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

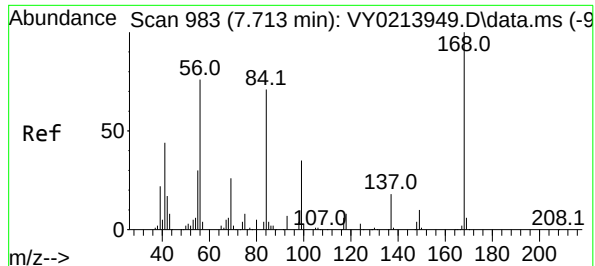
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

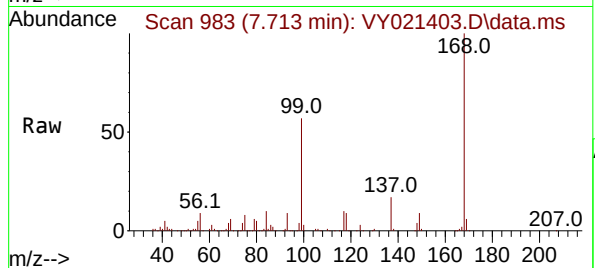
Quant Time: Mar 05 03:02:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

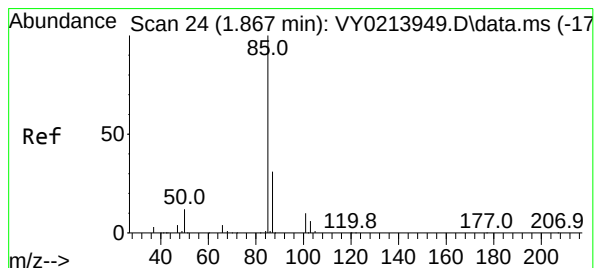
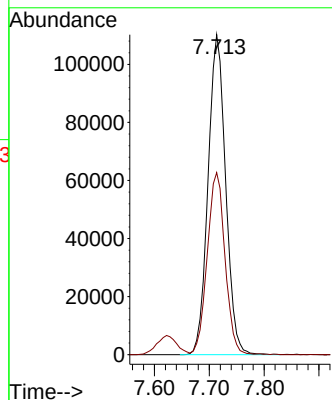
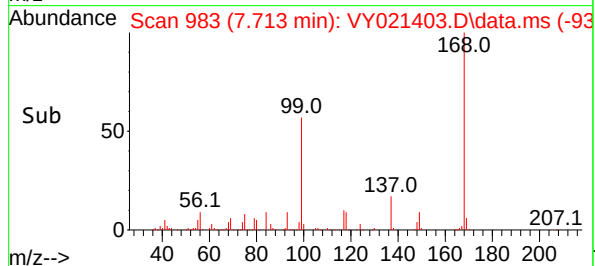
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 24502
Ion Ratio Lower Upper
168 100
99 56.8 46.0 69.0

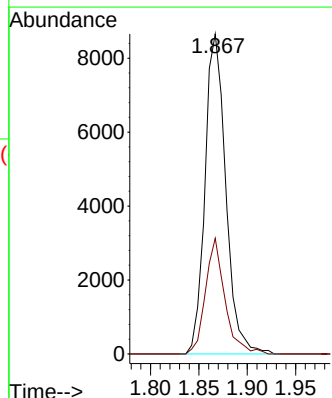
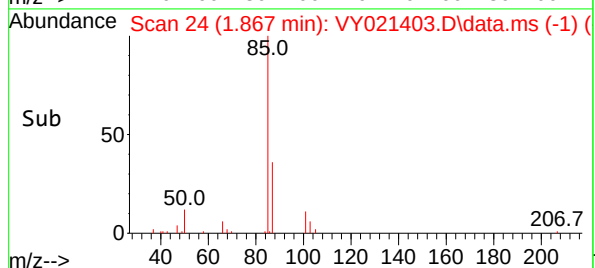
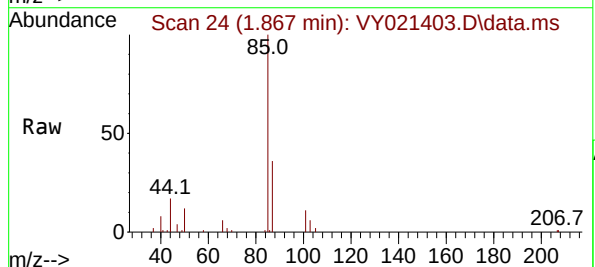
Manual Integrations
APPROVED

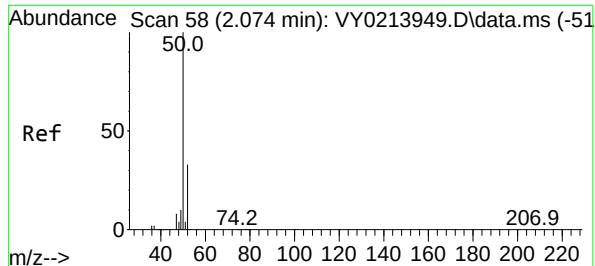
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 5.760 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 85 Resp: 12951
Ion Ratio Lower Upper
85 100
87 36.1 15.7 47.0





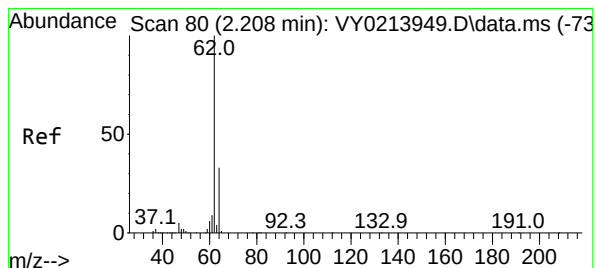
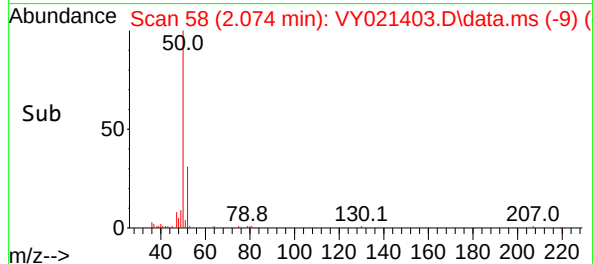
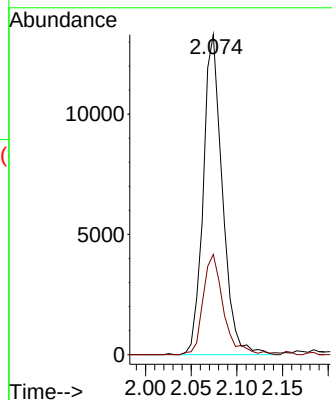
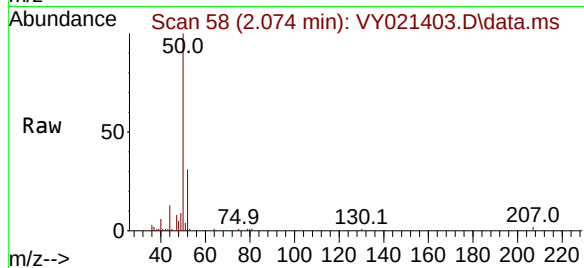
#3
Chloromethane
Concen: 6.127 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 19424
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.2

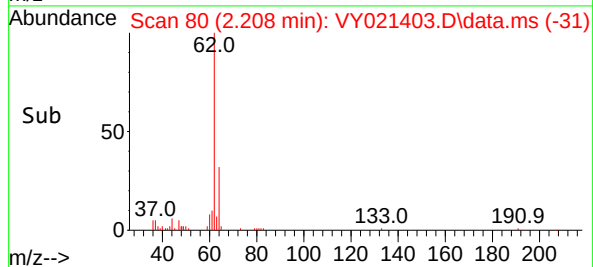
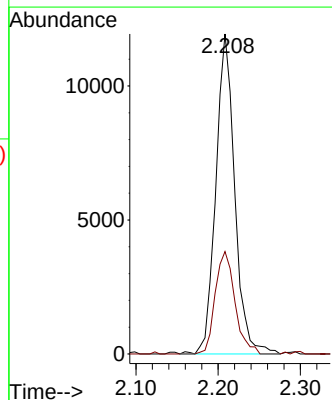
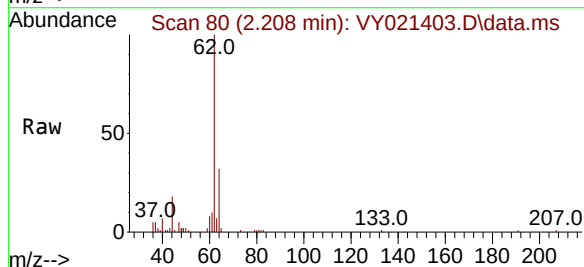
Manual Integrations
APPROVED

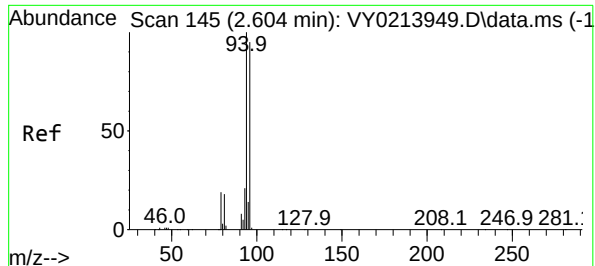
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#4
Vinyl Chloride
Concen: 5.505 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 62 Resp: 19070
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2





#5

Bromomethane

Concen: 6.273 ug/l

RT: 2.605 min Scan# 145

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 15700

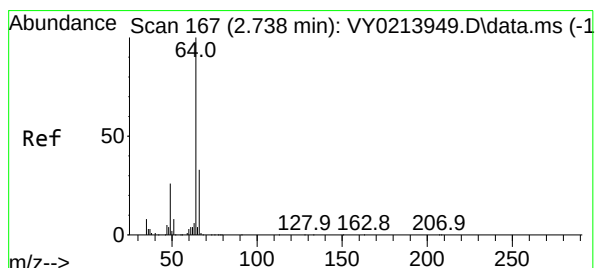
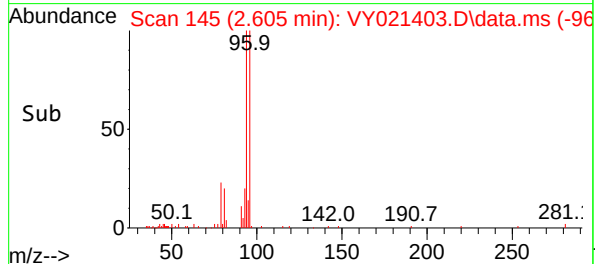
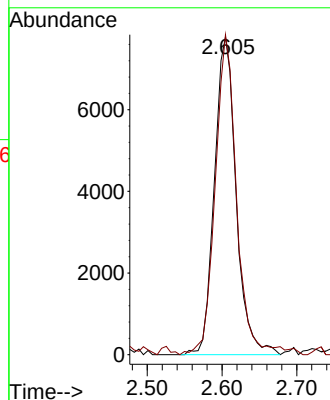
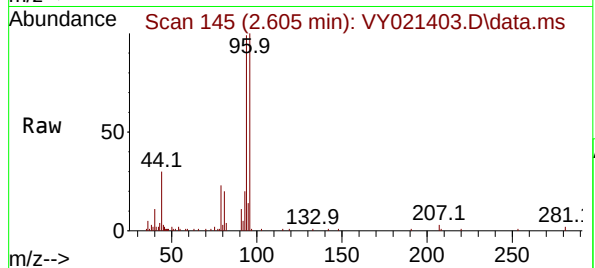
Ion Ratio Lower Upper

94 100

96 100.7 76.3 114.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#6

Chloroethane

Concen: 5.579 ug/l

RT: 2.745 min Scan# 168

Delta R.T. 0.007 min

Lab File: VY021403.D

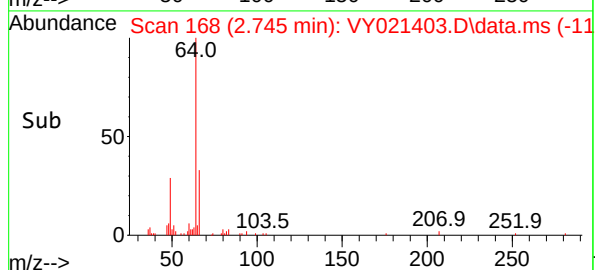
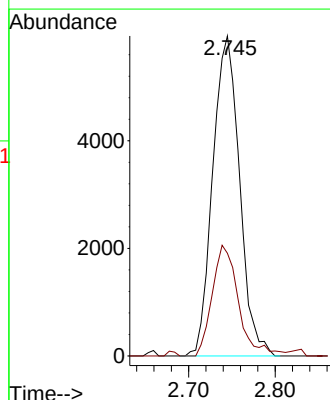
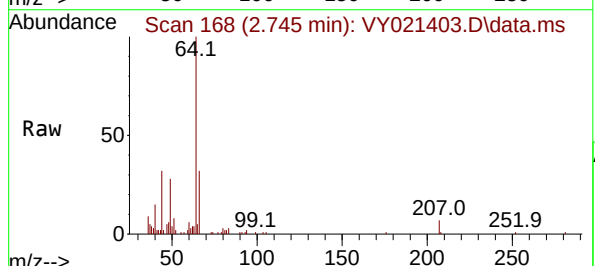
Acq: 04 Mar 2025 12:15

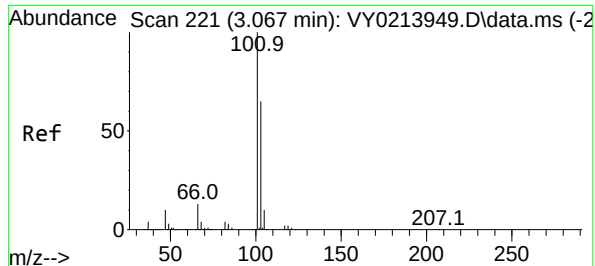
Tgt Ion: 64 Resp: 12773

Ion Ratio Lower Upper

64 100

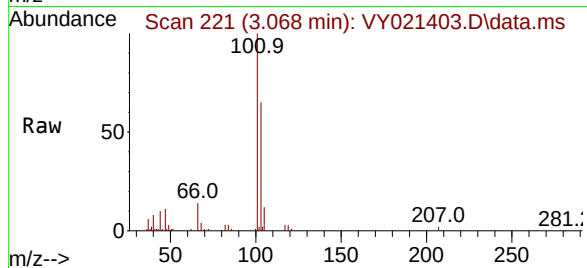
66 32.1 26.7 40.1





#7
Trichlorofluoromethane
Concen: 5.620 ug/l
RT: 3.068 min Scan# 217
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

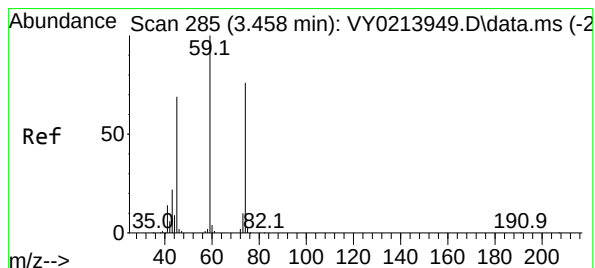
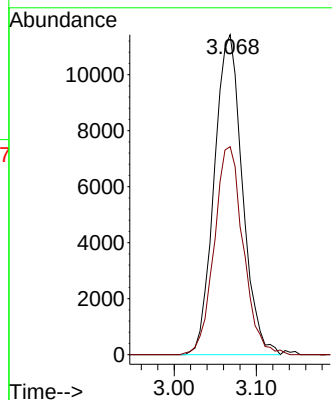
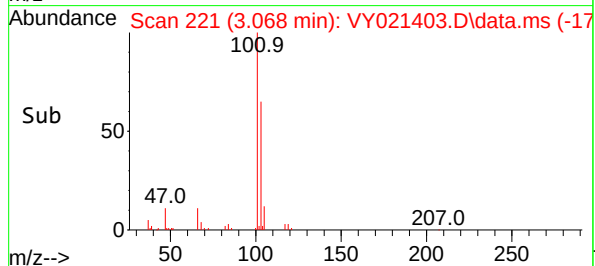
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 27170
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5

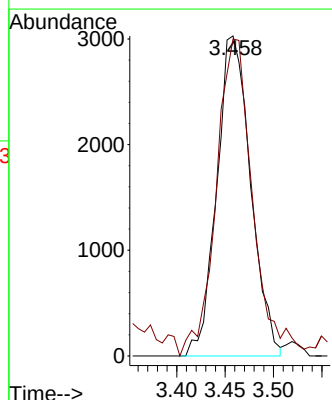
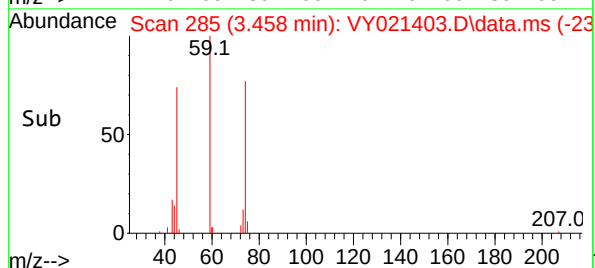
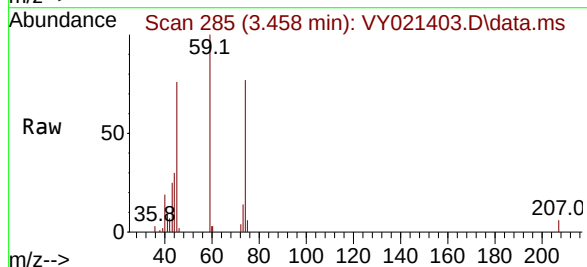
Manual Integrations
APPROVED

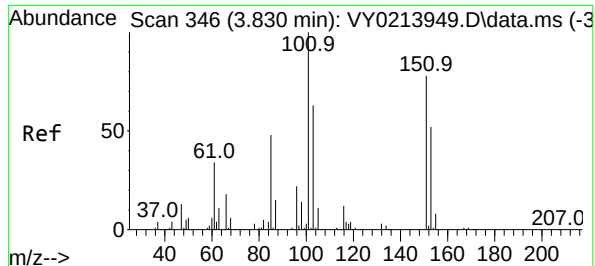
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#8
Diethyl Ether
Concen: 5.508 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 74 Resp: 7381
Ion Ratio Lower Upper
74 100
45 106.2 49.7 149.1





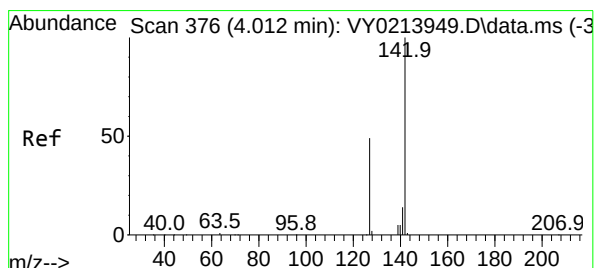
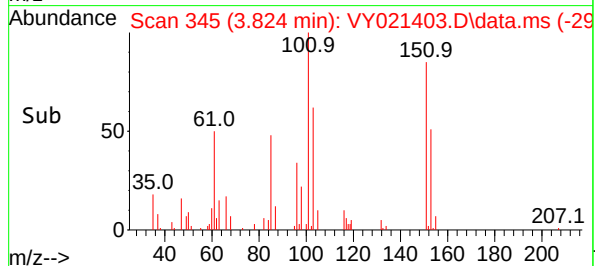
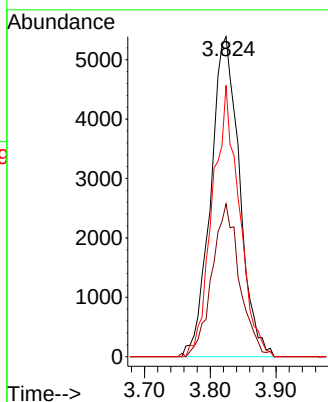
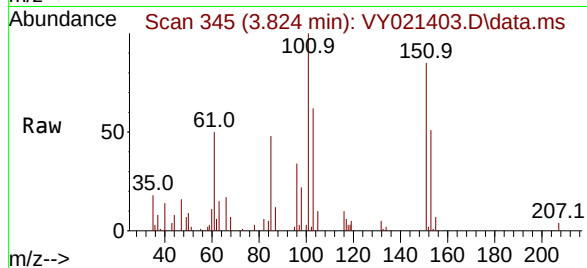
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.931 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion	101	Resp	16374
Ion	Ratio	Lower	Upper
101	100		
85	46.0	37.1	55.7
151	78.9	62.1	93.1

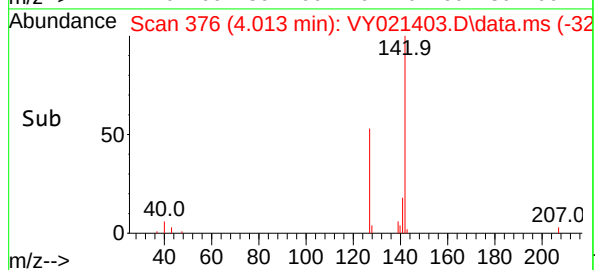
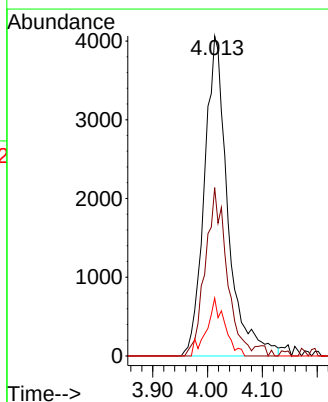
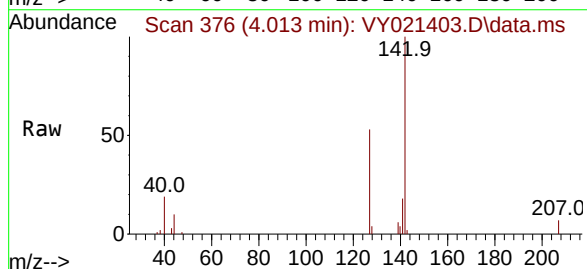
Manual Integrations
APPROVED

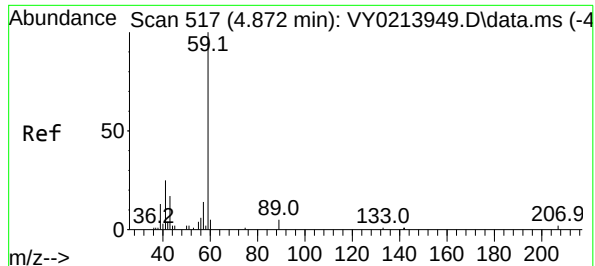
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 4.296 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion	142	Resp	12057
Ion	Ratio	Lower	Upper
142	100		
127	48.2	39.1	58.7
141	14.0	11.8	17.6





#11

Tert butyl alcohol

Concen: 24.295 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 750

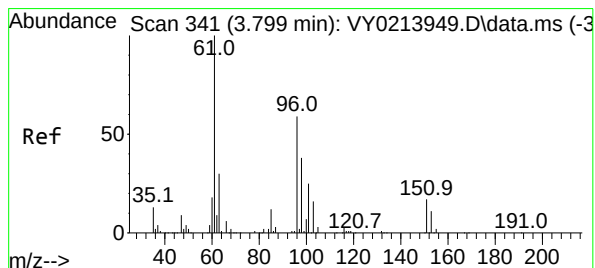
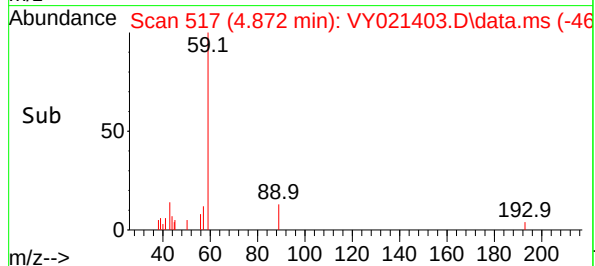
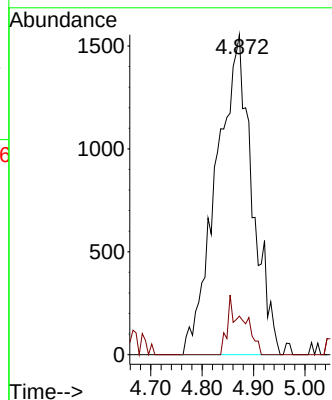
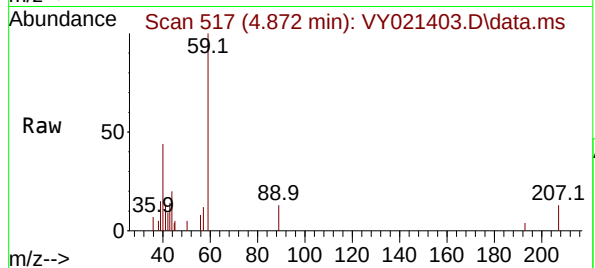
Ion Ratio Lower Upper

59 100

57 3.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#12

1,1-Dichloroethene

Concen: 5.515 ug/l

RT: 3.800 min Scan# 341

Delta R.T. 0.001 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

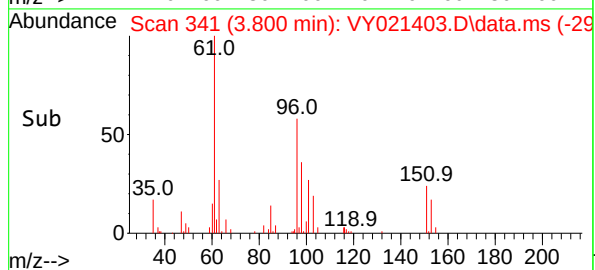
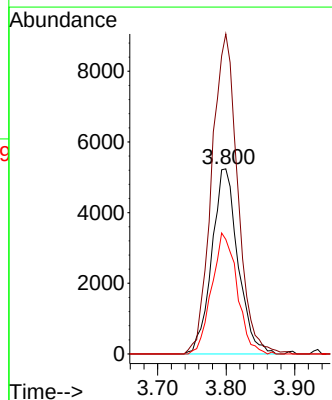
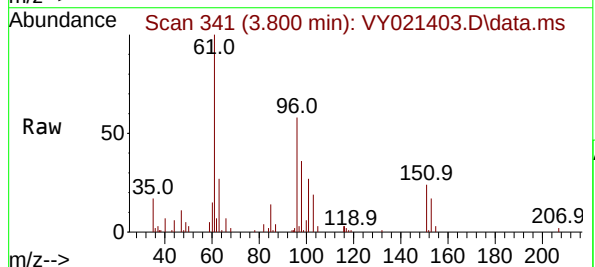
Tgt Ion: 96 Resp: 13880

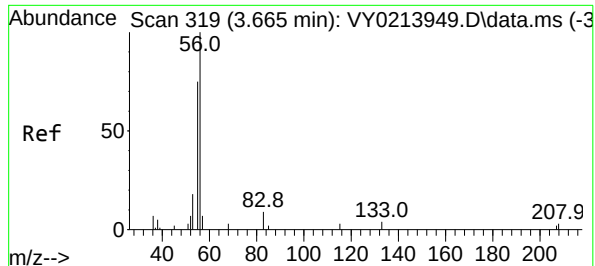
Ion Ratio Lower Upper

96 100

61 172.9 135.2 202.8

98 61.9 51.4 77.2





#13

Acrolein

Concen: 50.142 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.012 min

Lab File: VY021403.D

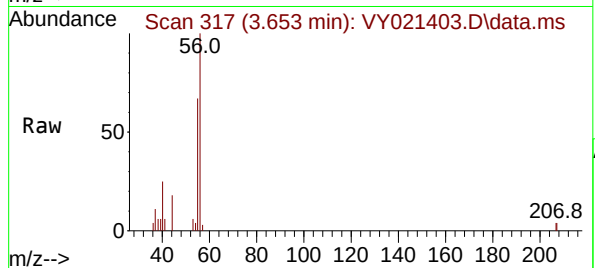
Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

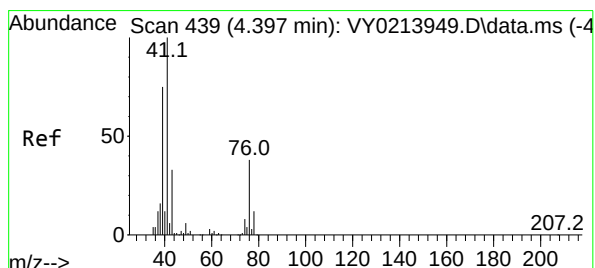
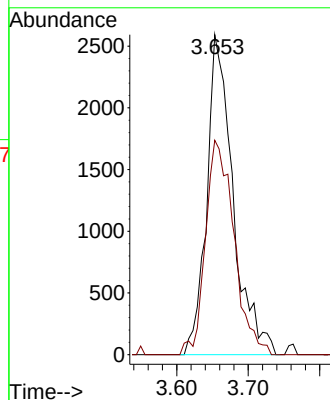
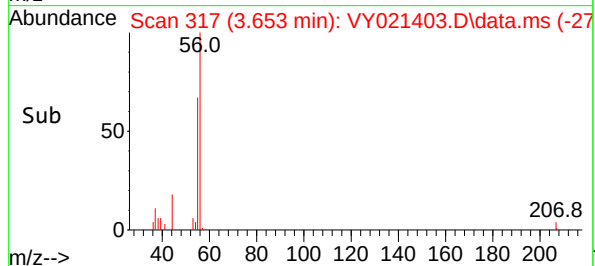


Tgt Ion:	56	Resp:	660
Ion	Ratio	Lower	Upper
56	100		
55	72.9	63.4	95.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#14

Allyl chloride

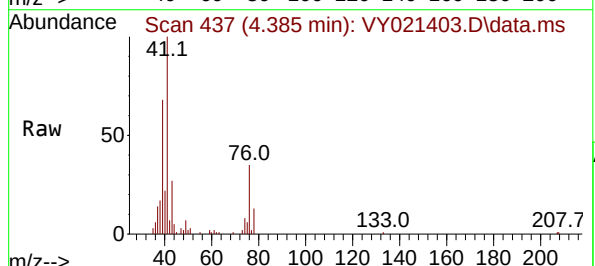
Concen: 5.317 ug/l

RT: 4.385 min Scan# 437

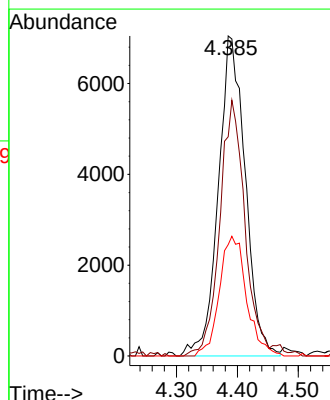
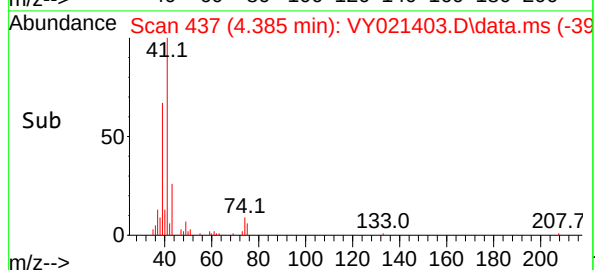
Delta R.T. -0.012 min

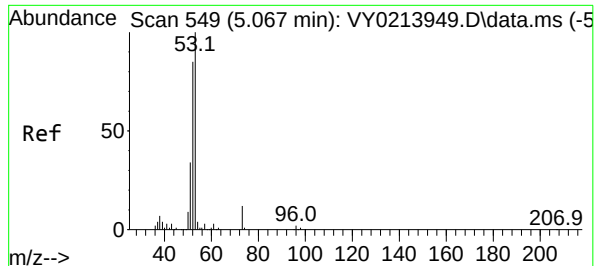
Lab File: VY021403.D

Acq: 04 Mar 2025 12:15



Tgt Ion:	41	Resp:	21629
Ion	Ratio	Lower	Upper
41	100		
39	74.9	59.3	88.9
76	37.8	29.8	44.8





#15

Acrylonitrile

Concen: 26.189 ug/l

RT: 5.068 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

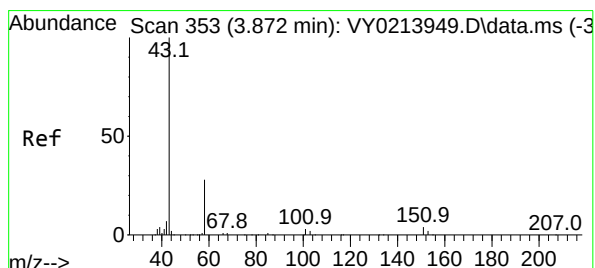
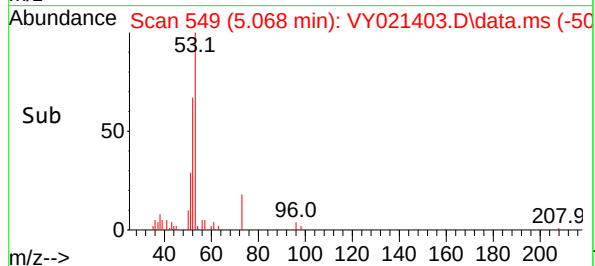
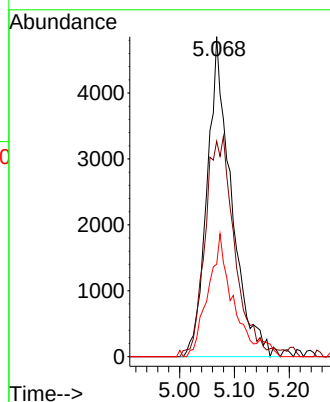
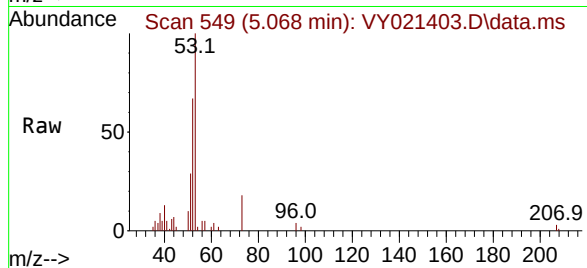
VSTDIC005

Tgt Ion:	53	Resp:	14939
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.3	99.5
51	37.4	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#16

Acetone

Concen: 31.204 ug/l

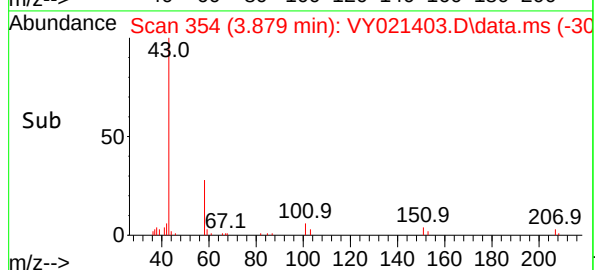
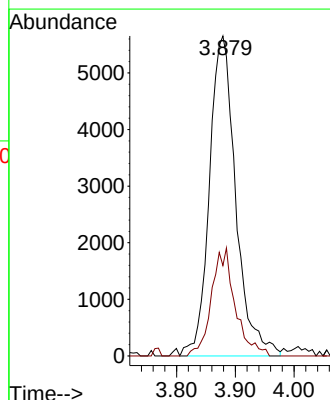
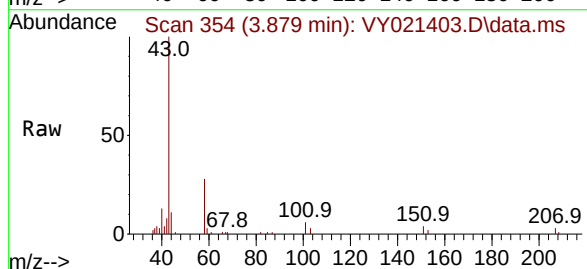
RT: 3.879 min Scan# 354

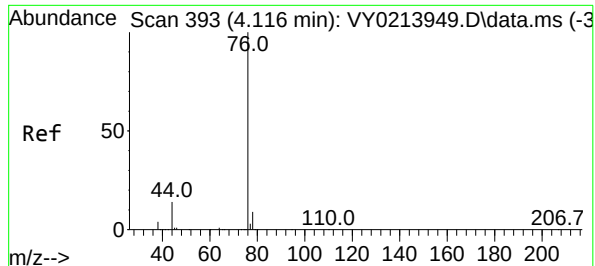
Delta R.T. 0.007 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:	43	Resp:	17626
Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.1	33.1





#17

Carbon Disulfide

Concen: 5.380 ug/l

RT: 4.110 min Scan# 393

Delta R.T. -0.006 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 42440

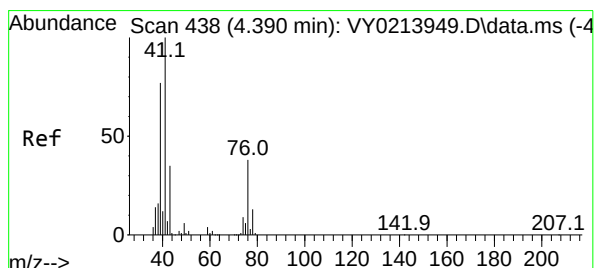
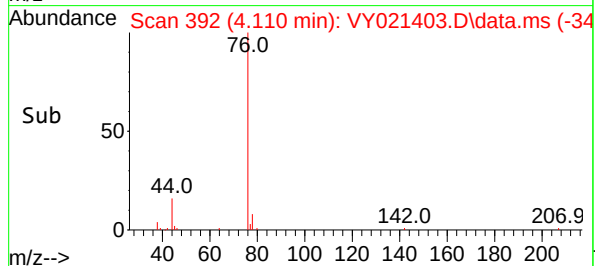
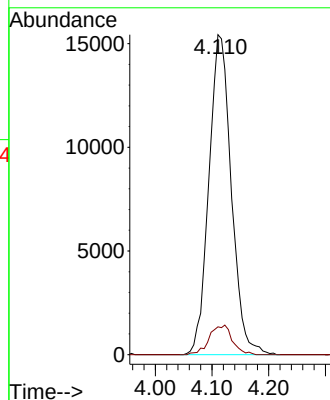
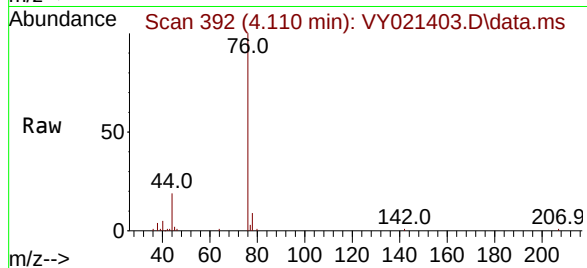
Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#18

Methyl Acetate

Concen: 5.235 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY021403.D

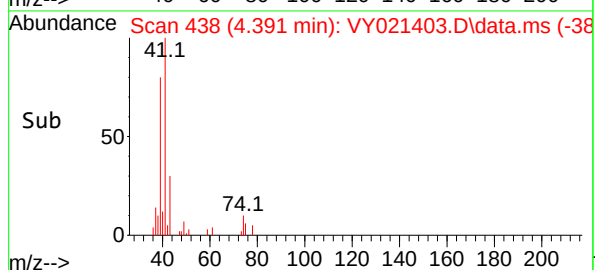
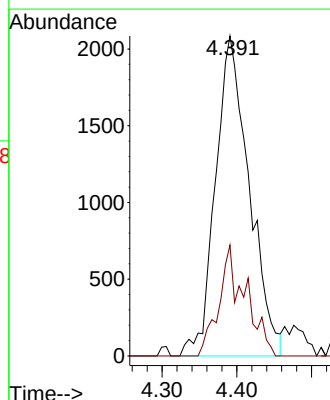
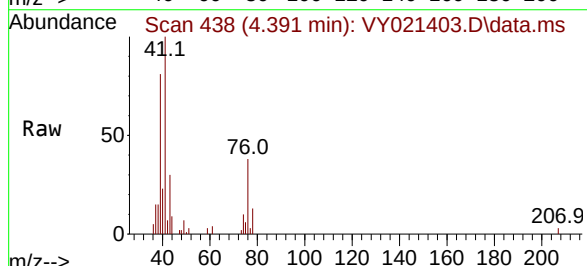
Acq: 04 Mar 2025 12:15

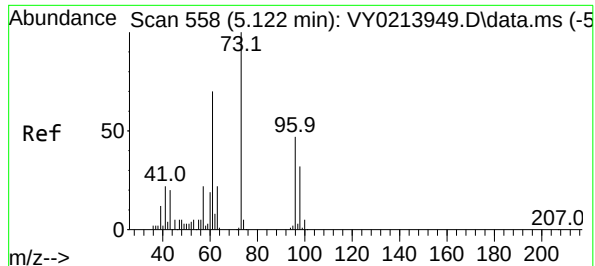
Tgt Ion: 43 Resp: 6561

Ion Ratio Lower Upper

43 100

74 27.2 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 5.239 ug/l

RT: 5.129 min Scan# 51

Delta R.T. 0.007 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 33420

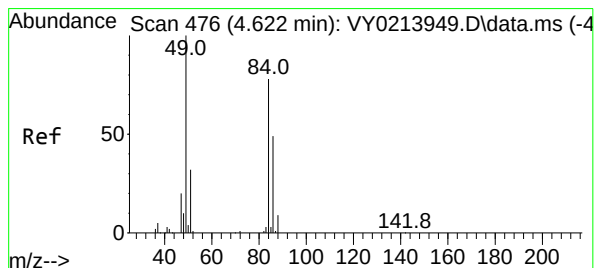
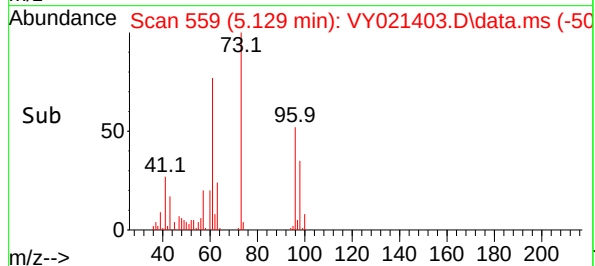
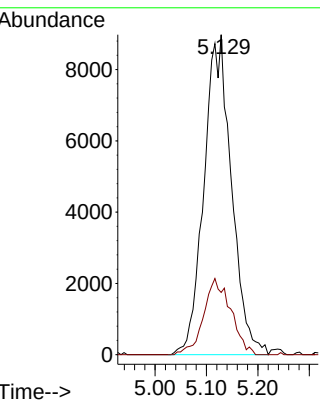
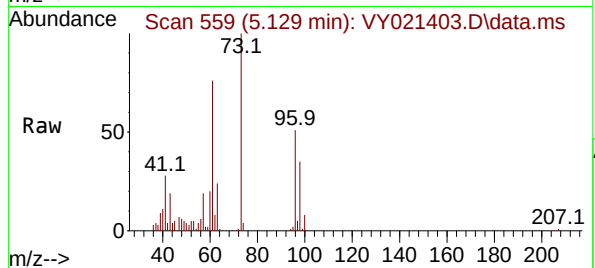
Ion Ratio Lower Upper

73 100

57 19.5 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#20

Methylene Chloride

Concen: 6.511 ug/l

RT: 4.629 min Scan# 477

Delta R.T. 0.007 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion: 84 Resp: 19304

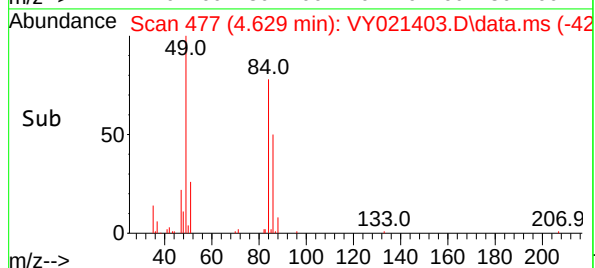
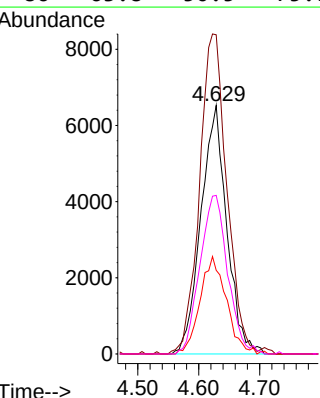
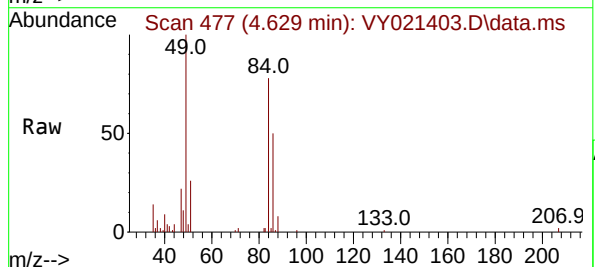
Ion Ratio Lower Upper

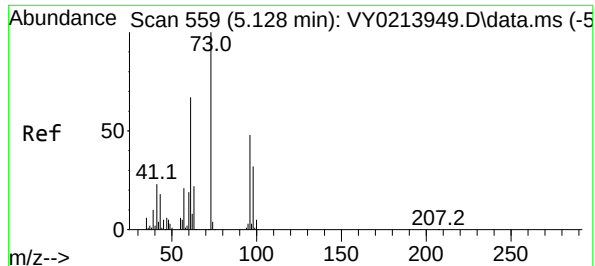
84 100

49 128.4 102.0 153.0

51 33.7 33.0 49.6

86 63.8 50.5 75.7





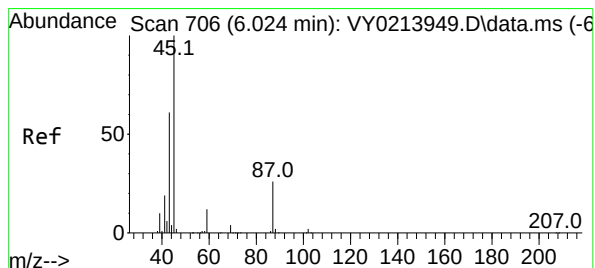
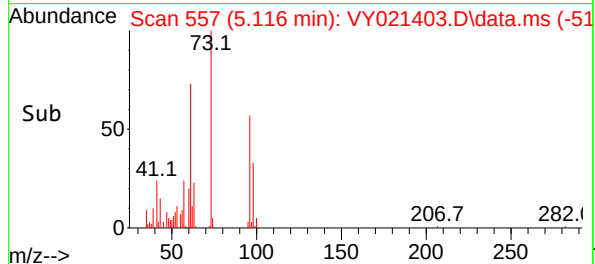
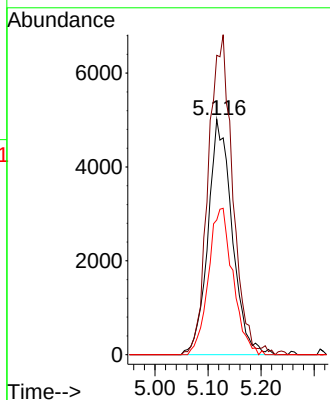
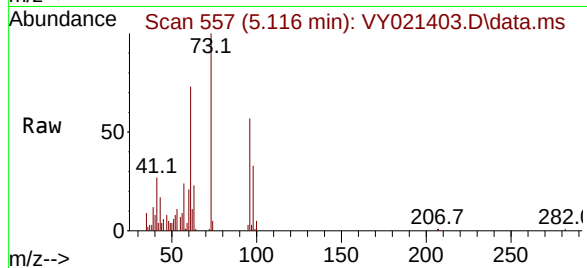
#21
trans-1,2-Dichloroethene
Concen: 5.629 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 1586
Ion Ratio Lower Upper
96 100
61 127.2 111.5 167.3
98 57.2 53.8 80.8

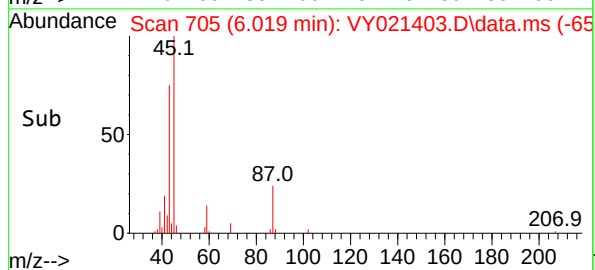
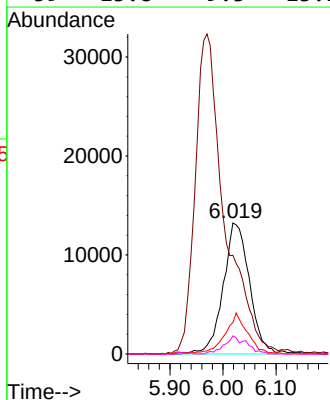
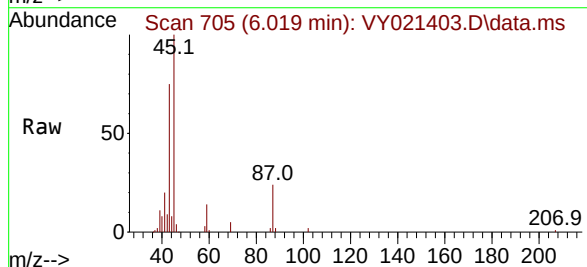
Manual Integrations
APPROVED

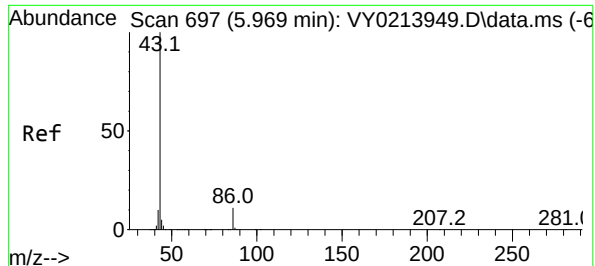
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 5.161 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 45 Resp: 45242
Ion Ratio Lower Upper
45 100
43 72.8 48.7 73.1
87 23.0 21.5 32.3
59 13.8 9.3 13.9





#23

Vinyl Acetate

Concen: 24.838 ug/l

RT: 5.970 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 124260

Ion Ratio Lower Upper

43

100

86

12.2

8.5

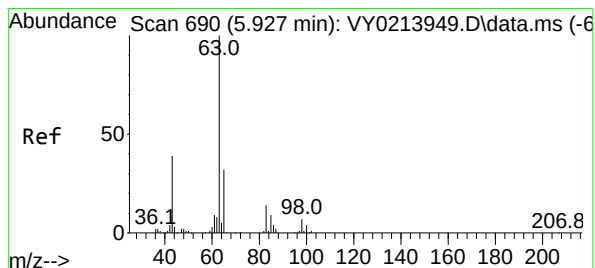
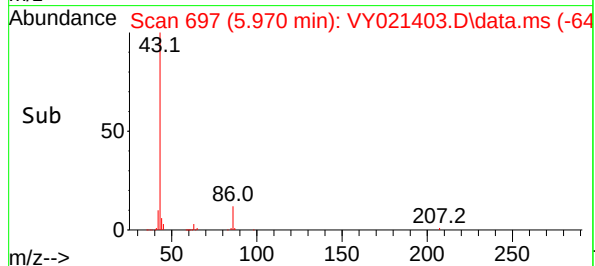
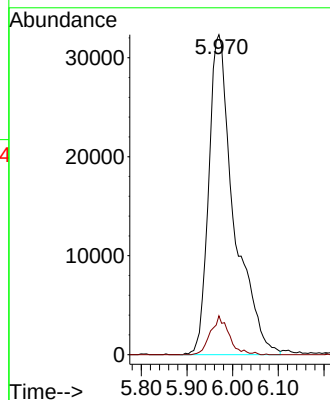
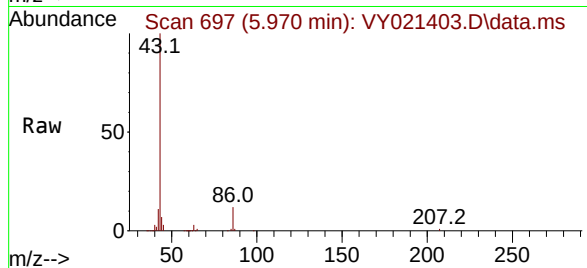
12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#24

1,1-Dichloroethane

Concen: 5.583 ug/l

RT: 5.921 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion: 63 Resp: 28883

Ion Ratio Lower Upper

63

100

98

7.9

3.3

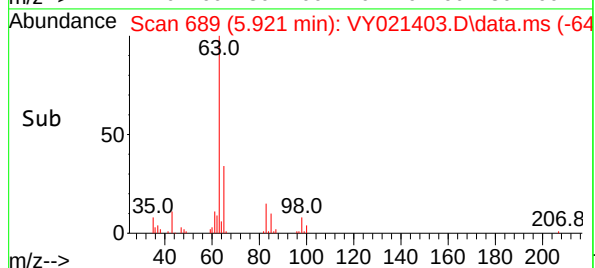
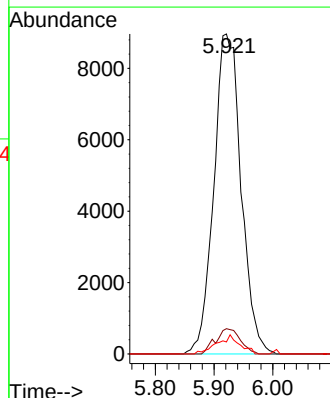
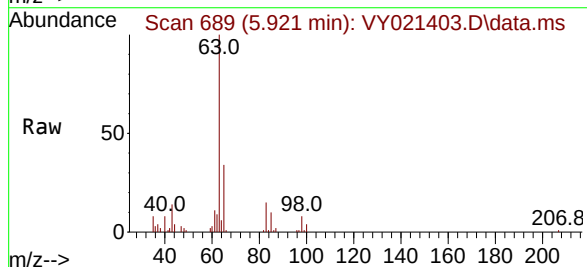
9.9

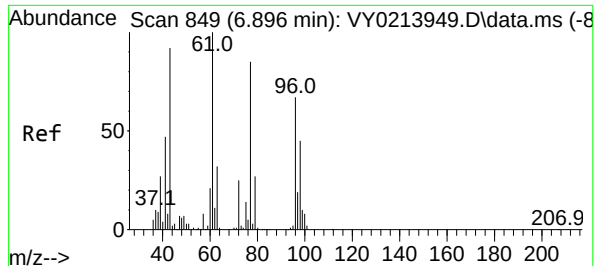
100

3.8

2.1

6.5





#25

2-Butanone

Concen: 28.249 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 2207

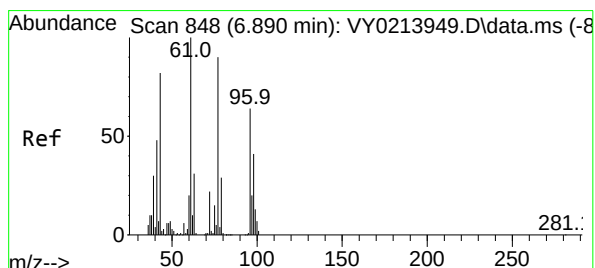
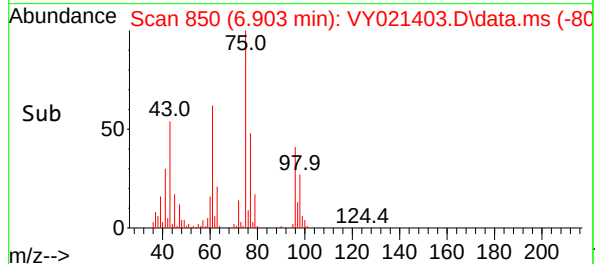
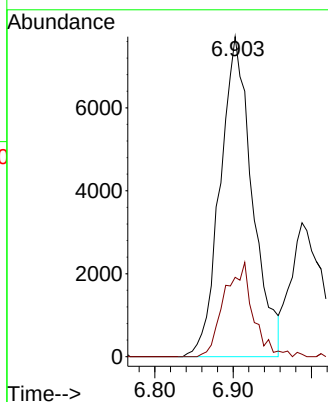
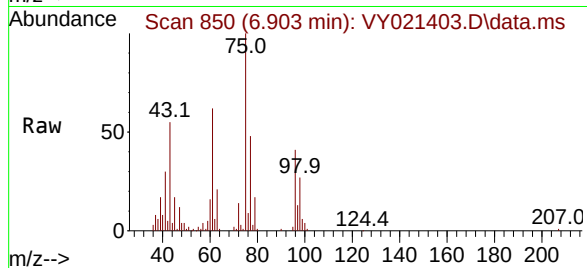
Ion Ratio Lower Upper

43 100

72 24.8 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#26

2,2-Dichloropropane

Concen: 5.694 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021403.D

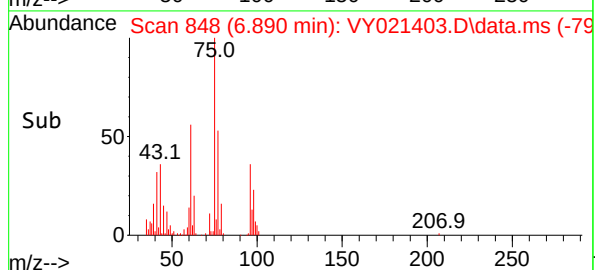
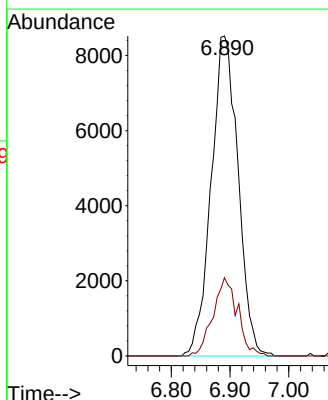
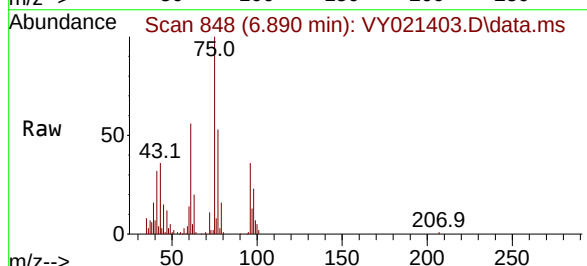
Acq: 04 Mar 2025 12:15

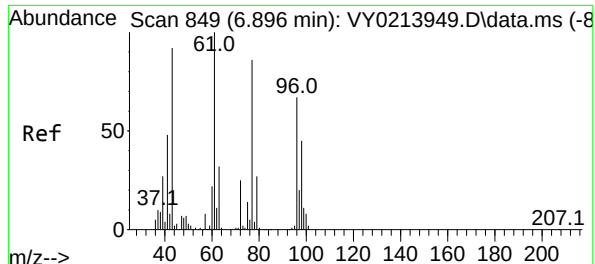
Tgt Ion: 77 Resp: 27105

Ion Ratio Lower Upper

77 100

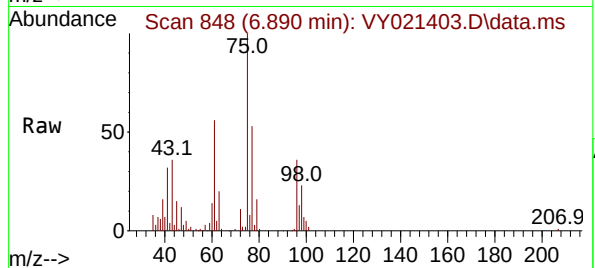
97 22.4 11.3 33.8





#27
cis-1,2-Dichloroethene
Concen: 5.371 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

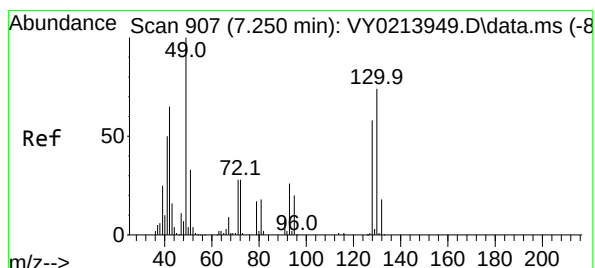
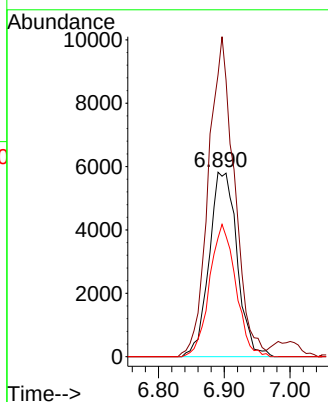
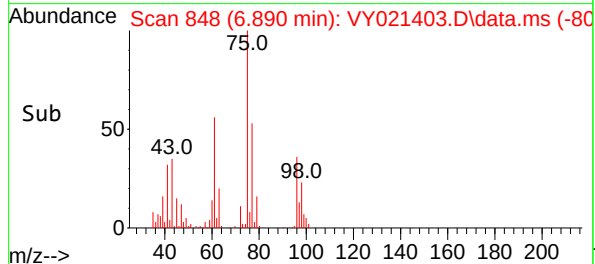
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 17198
Ion Ratio Lower Upper
96 100
61 161.9 0.0 300.8
98 67.4 0.0 130.0

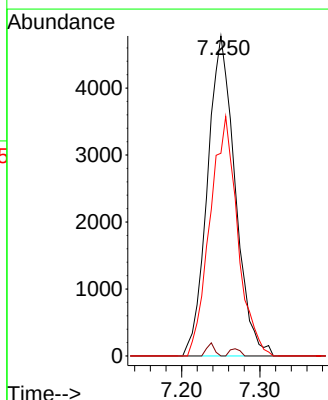
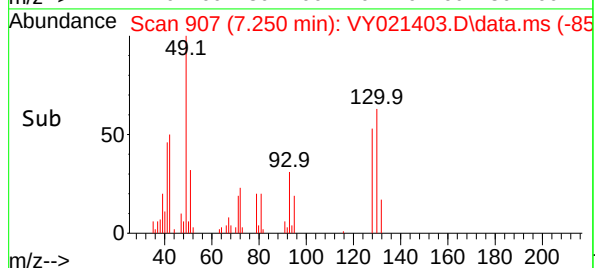
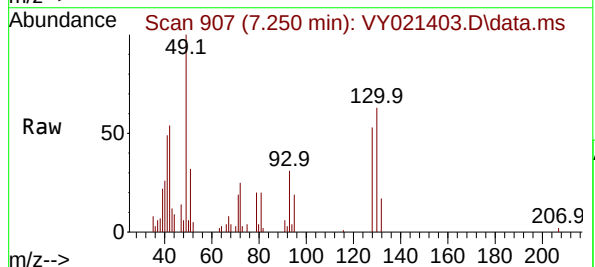
Manual Integrations
APPROVED

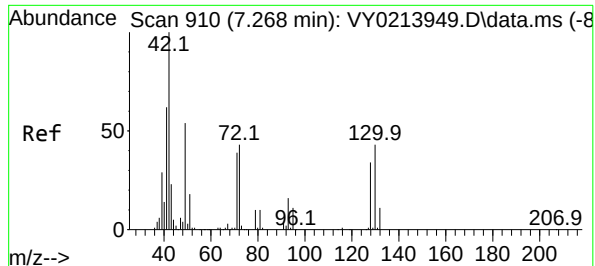
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#28
Bromochloromethane
Concen: 5.403 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 49 Resp: 11718
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.2
130 75.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 26.305 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.007 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 12689

Ion Ratio Lower Upper

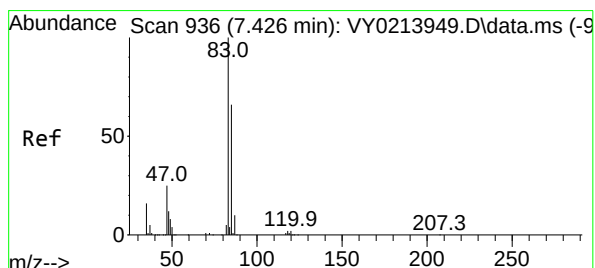
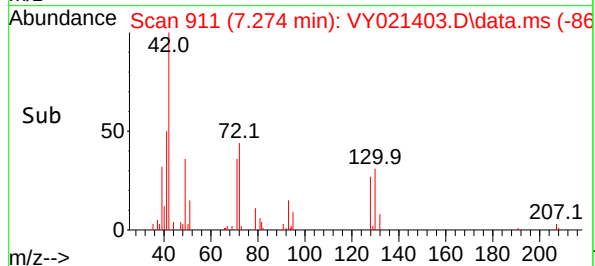
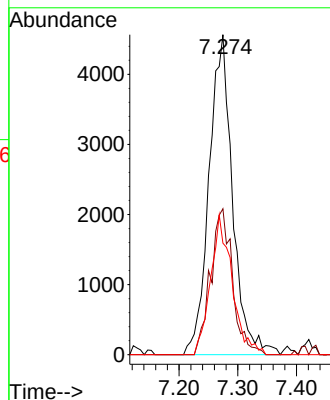
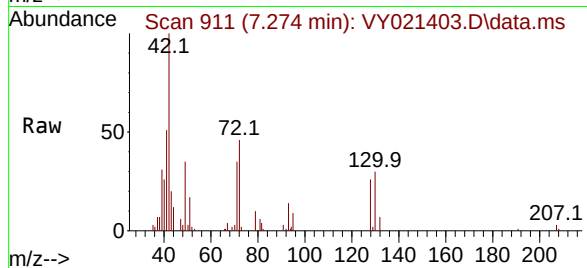
42 100

72 42.6 34.8 52.2

71 40.0 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#30

Chloroform

Concen: 5.575 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021403.D

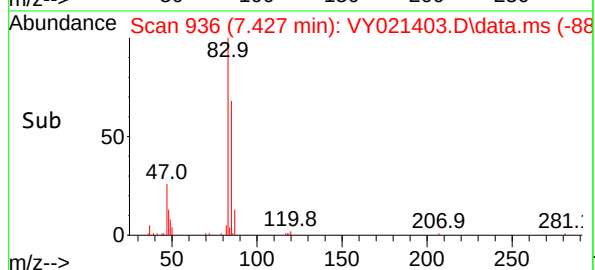
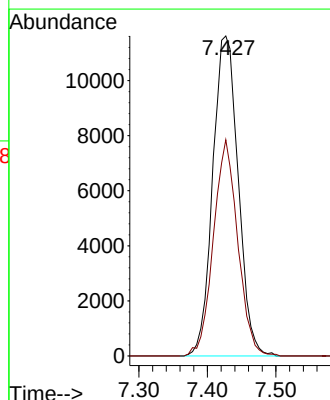
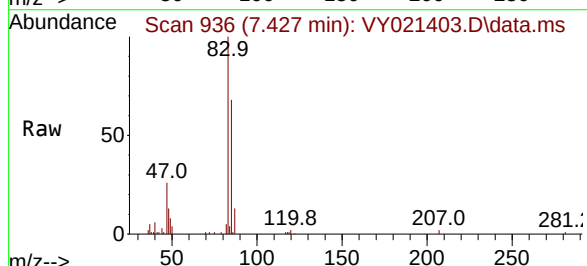
Acq: 04 Mar 2025 12:15

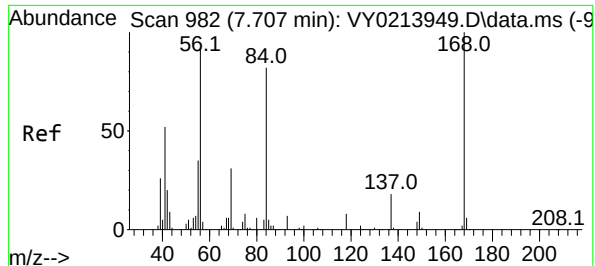
Tgt Ion: 83 Resp: 29950

Ion Ratio Lower Upper

83 100

85 67.5 53.1 79.7





#31

Cyclohexane

Concen: 6.145 ug/l

RT: 7.701 min Scan# 982

Delta R.T. -0.006 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 29800

Ion Ratio Lower Upper

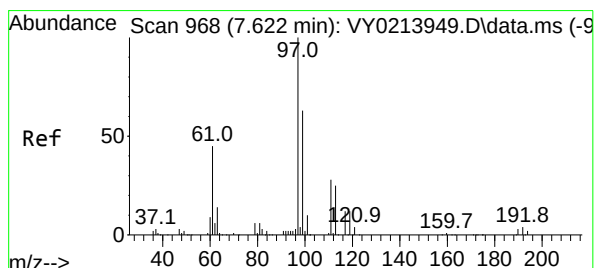
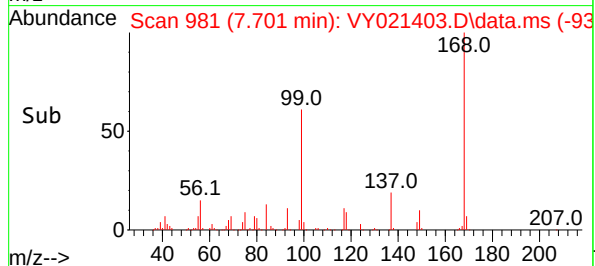
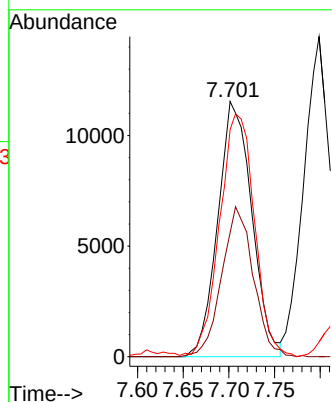
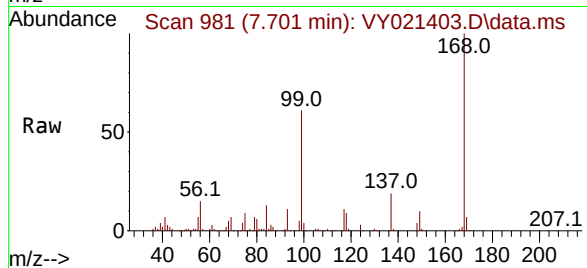
56 100

69 48.6 27.0 40.4

84 88.5 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#32

1,1,1-Trichloroethane

Concen: 5.734 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

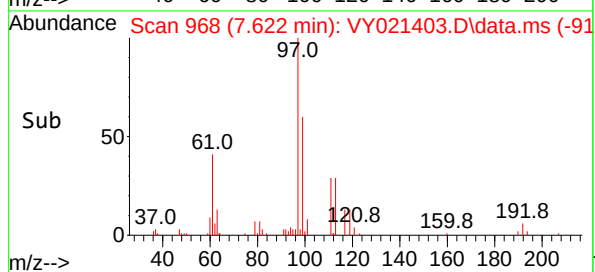
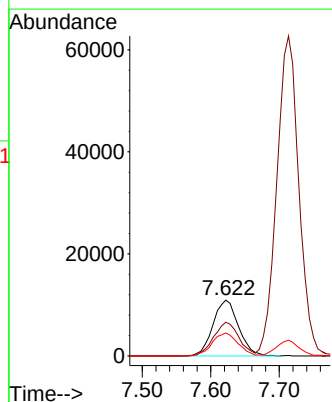
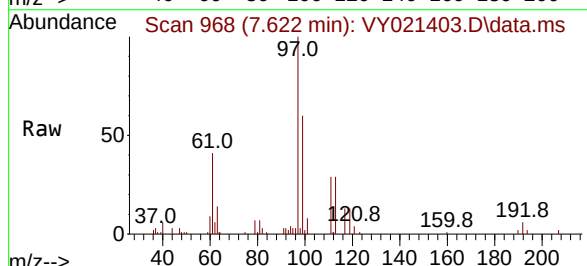
Tgt Ion: 97 Resp: 28207

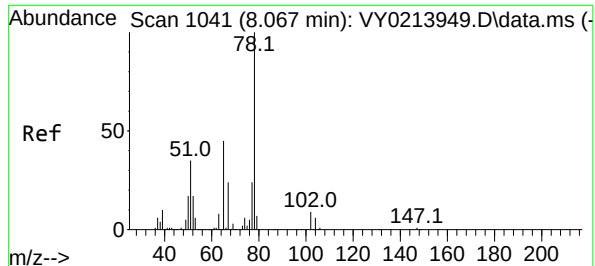
Ion Ratio Lower Upper

97 100

99 60.1 51.7 77.5

61 42.3 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 5.733 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1484

Ion Ratio Lower Upper

65 100

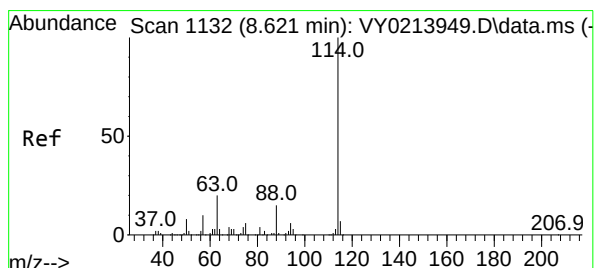
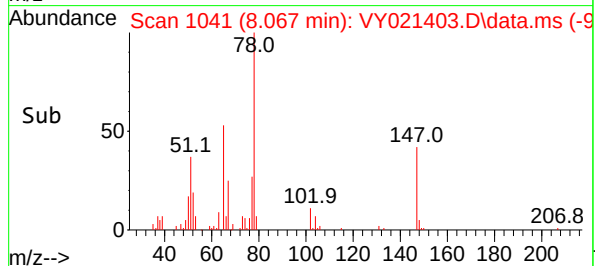
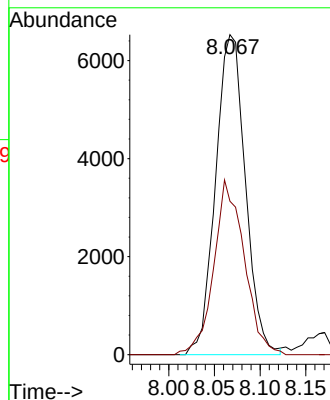
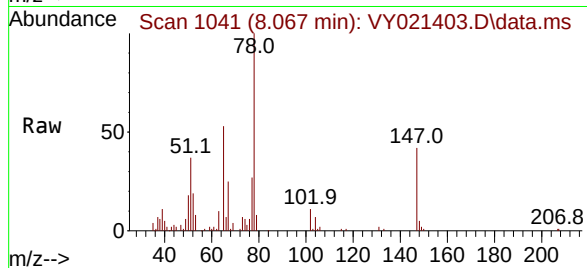
67 55.6 0.0 102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

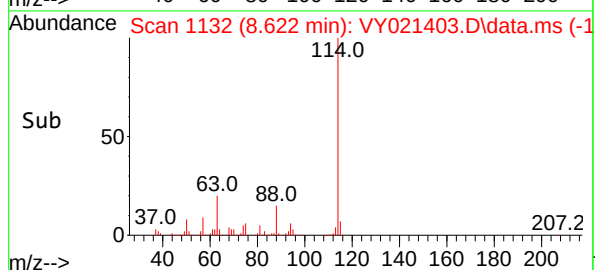
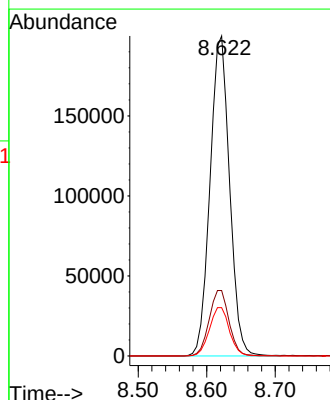
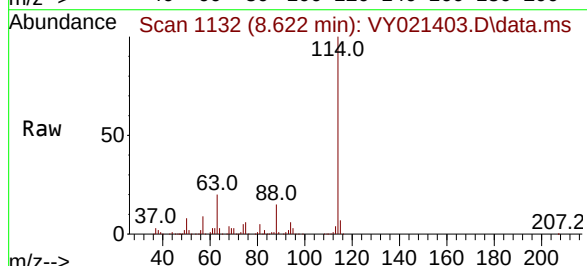
Tgt Ion:114 Resp: 394876

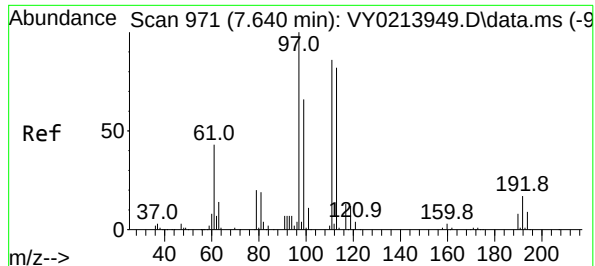
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 5.637 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:113 Resp: 1463

Ion Ratio Lower Upper

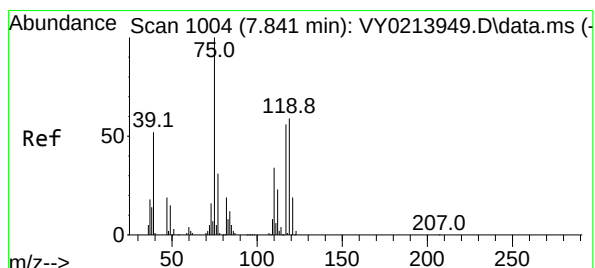
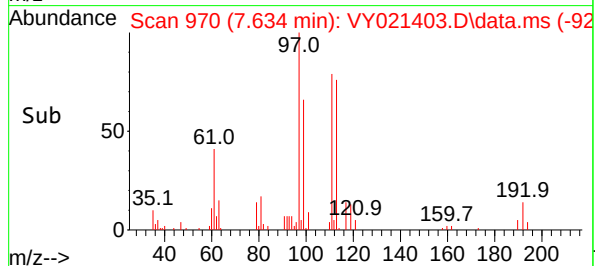
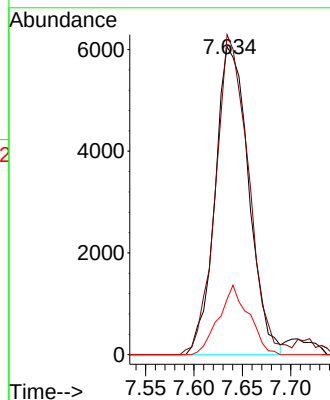
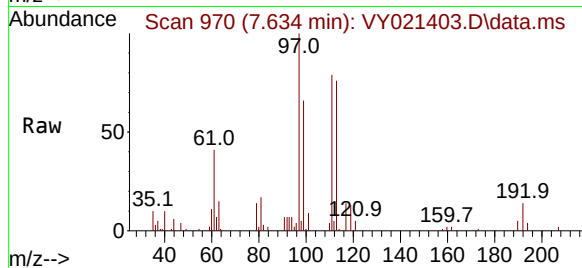
113 100

111 102.0 82.0 123.0

192 20.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#36

1,1-Dichloropropene

Concen: 5.340 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

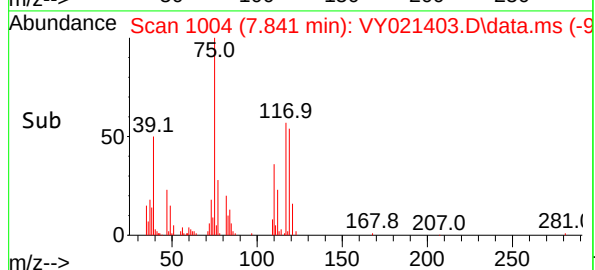
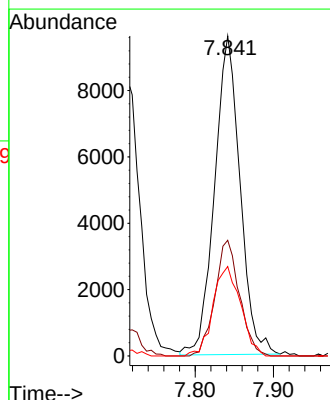
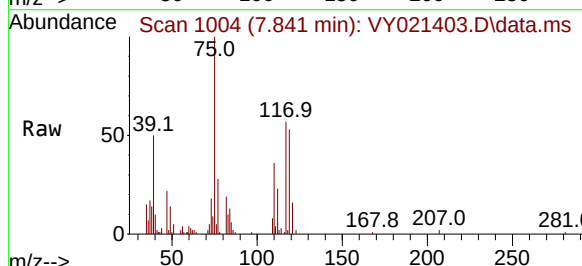
Tgt Ion: 75 Resp: 21694

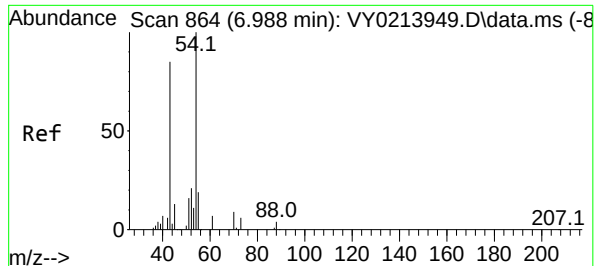
Ion Ratio Lower Upper

75 100

110 35.1 17.3 51.7

77 30.4 25.4 38.2





#37

Ethyl Acetate

Concen: 5.205 ug/l m

RT: 6.988 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

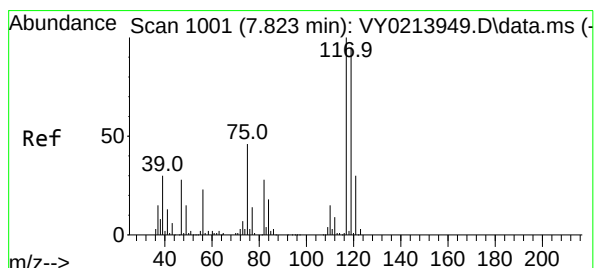
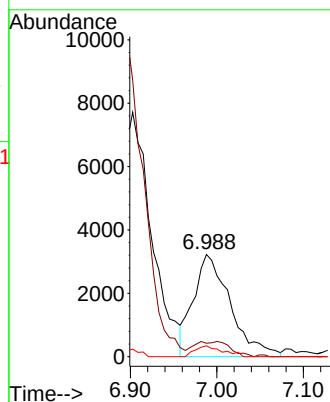
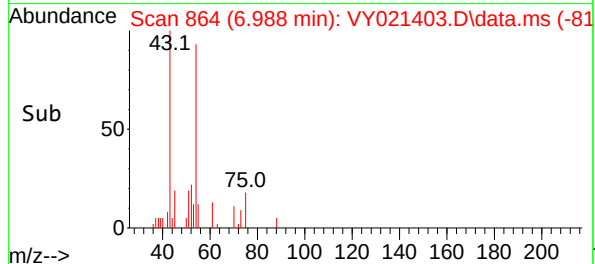
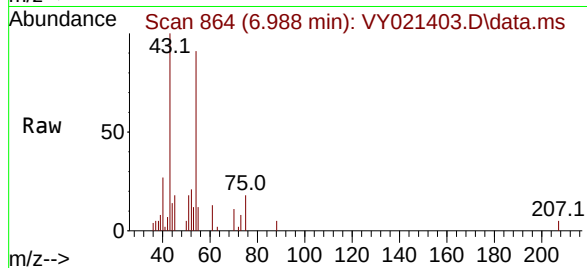
VSTDIC005

Tgt Ion:	43	Resp:	9539
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.4	17.0
70	7.9	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#38

Carbon Tetrachloride

Concen: 5.281 ug/l

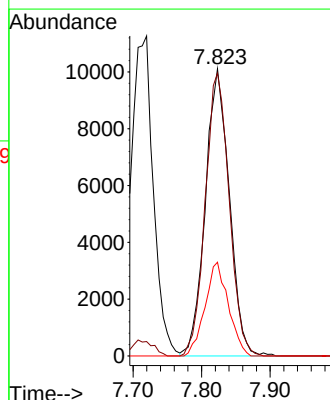
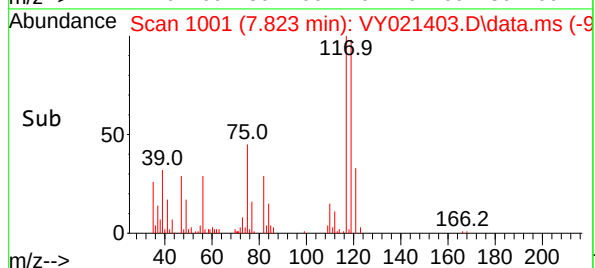
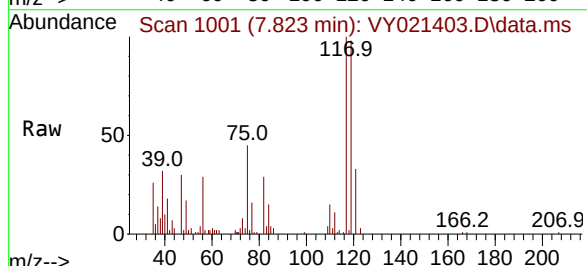
RT: 7.823 min Scan# 1001

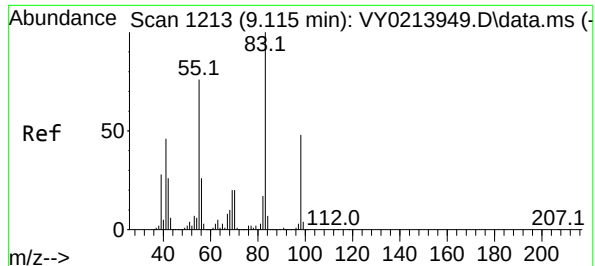
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:	117	Resp:	24674
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.8	113.8
121	32.7	23.9	35.9





#39

Methylcyclohexane

Concen: 5.079 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 2531

Ion Ratio Lower Upper

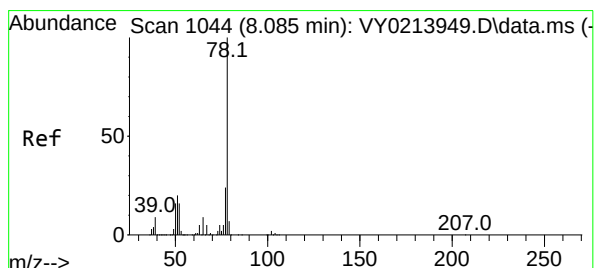
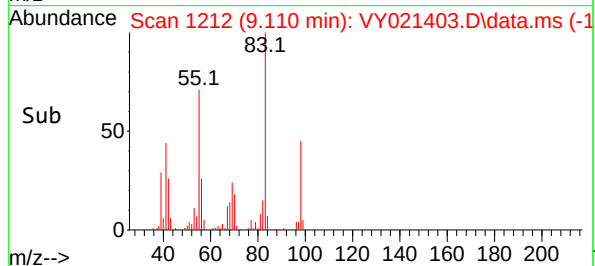
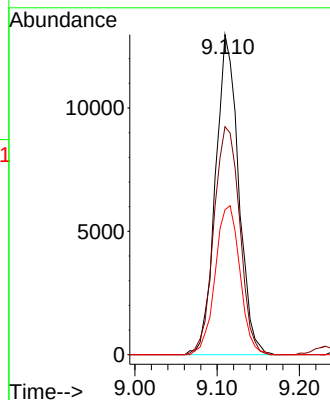
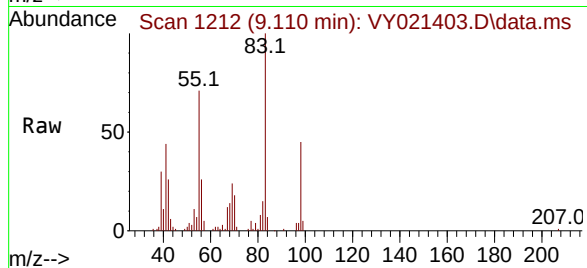
83 100

55 71.2 60.7 91.1

98 45.3 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#40

Benzene

Concen: 5.339 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY021403.D

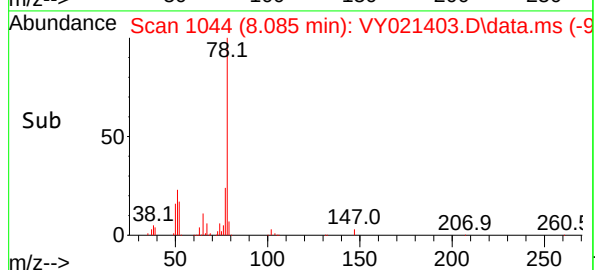
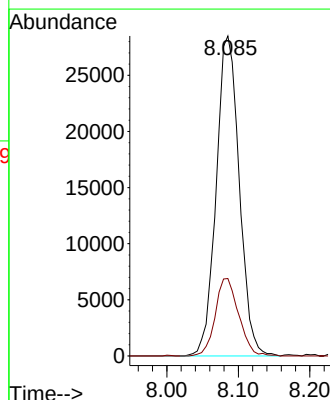
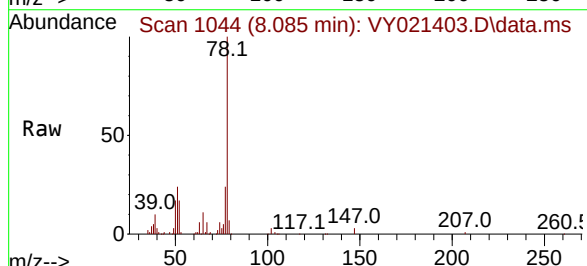
Acq: 04 Mar 2025 12:15

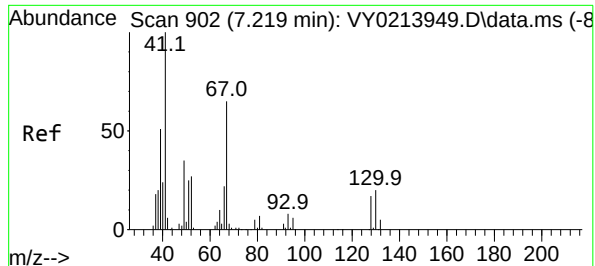
Tgt Ion: 78 Resp: 63894

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4





#41

Methacrylonitrile

Concen: 4.834 ug/l

RT: 7.232 min Scan# 904

Delta R.T. 0.013 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 4829

Ion Ratio Lower Upper

41 100

39 60.3 35.0 52.6

67 74.9 61.2 91.8

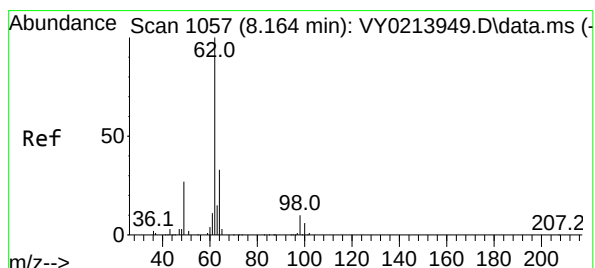
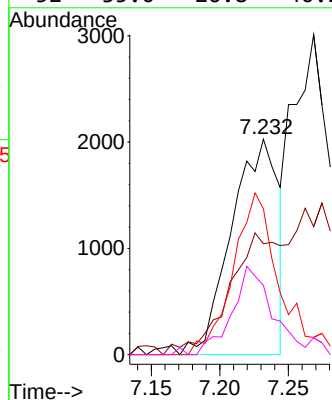
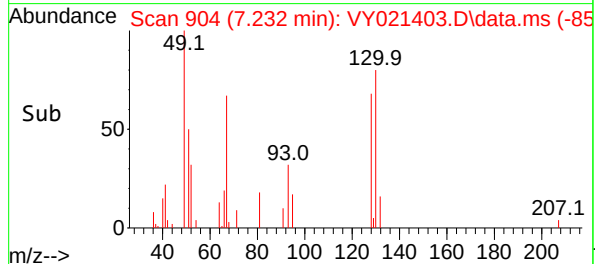
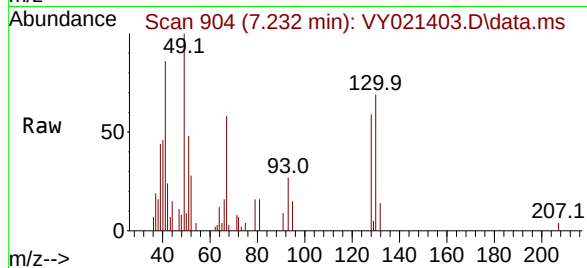
52 35.0 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#42

1,2-Dichloroethane

Concen: 5.348 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VY021403.D

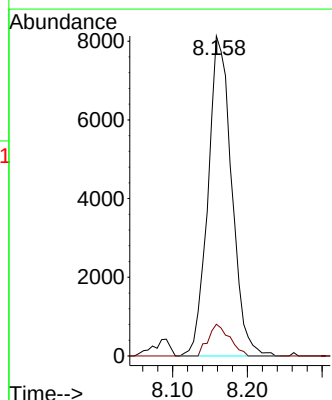
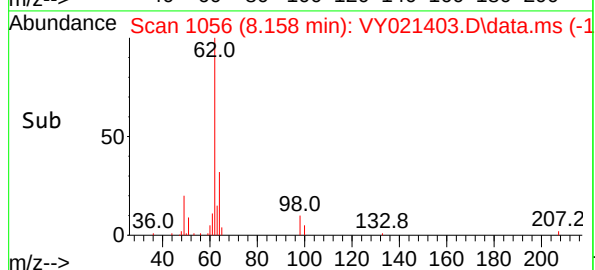
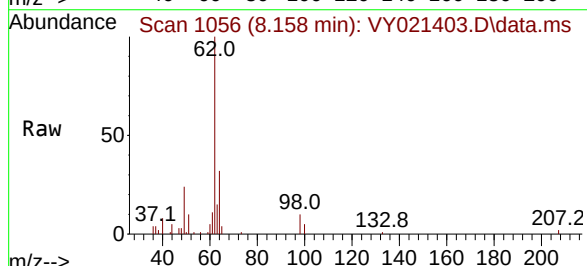
Acq: 04 Mar 2025 12:15

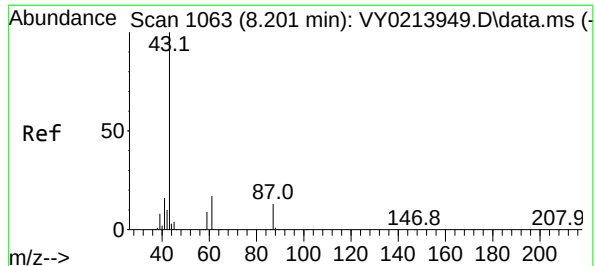
Tgt Ion: 62 Resp: 17906

Ion Ratio Lower Upper

62 100

98 8.9 0.0 18.2





#43

Isopropyl Acetate

Concen: 5.168 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

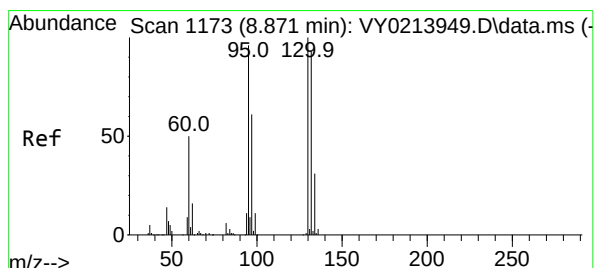
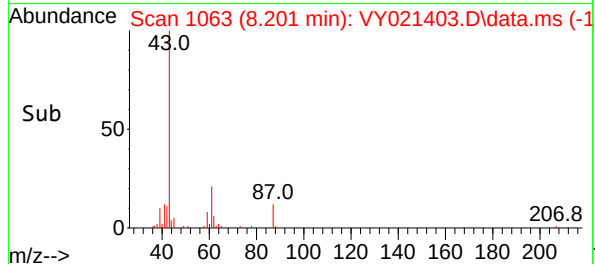
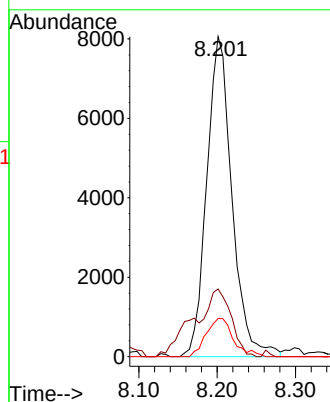
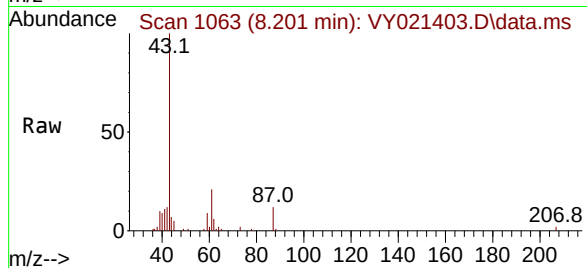
VSTDIC005

Tgt Ion:	43	Resp:	18010
Ion	Ratio	Lower	Upper
43	100		
61	31.1	23.4	35.0
87	12.9	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#44

Trichloroethene

Concen: 5.417 ug/l

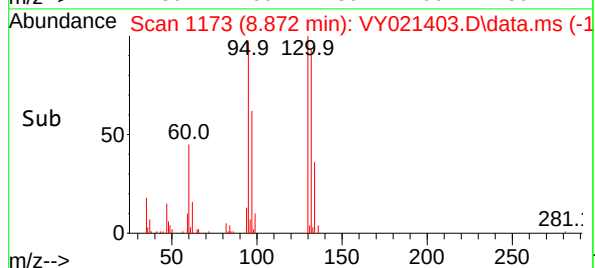
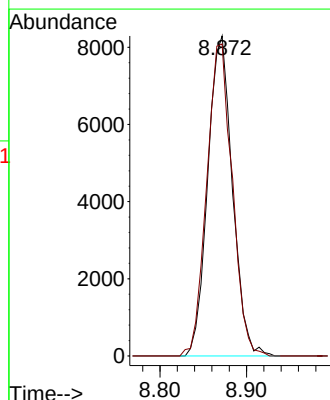
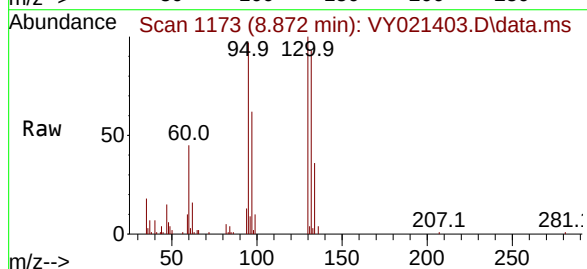
RT: 8.872 min Scan# 1173

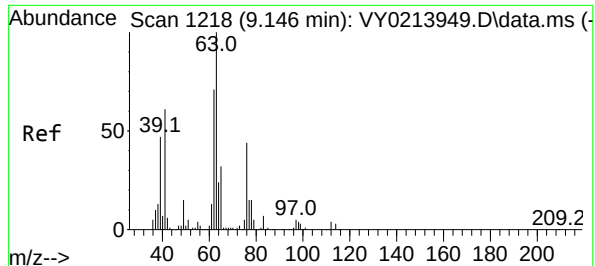
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:	130	Resp:	16384
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	191.6





#45

1,2-Dichloropropane

Concen: 5.372 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 1530

Ion Ratio Lower Upper

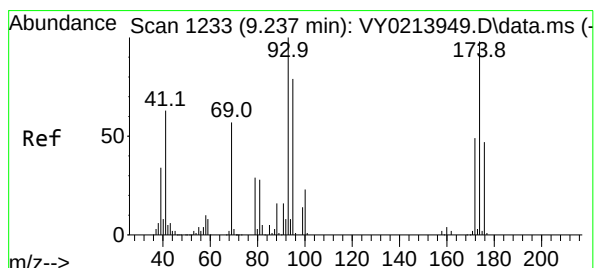
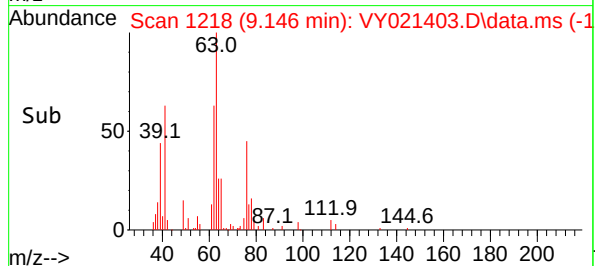
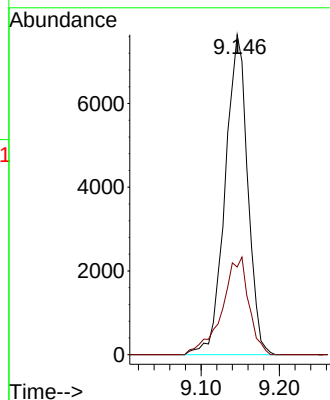
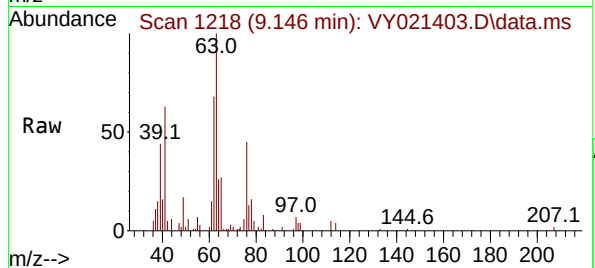
63 100

65 27.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#46

Dibromomethane

Concen: 5.181 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

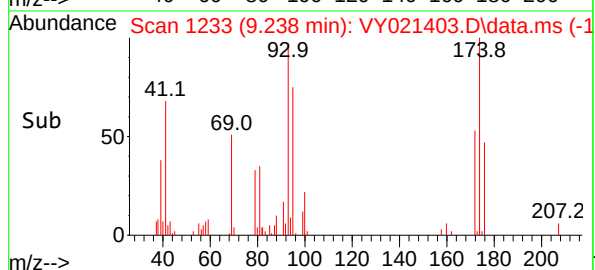
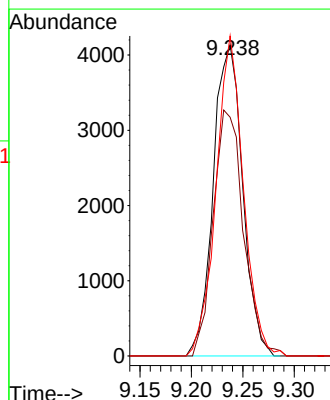
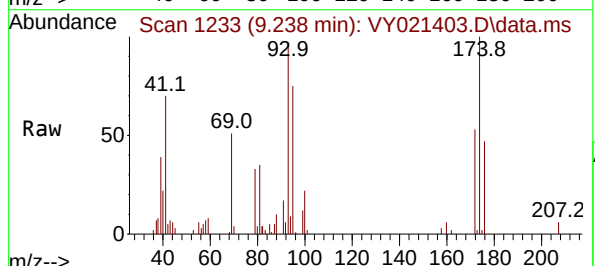
Tgt Ion: 93 Resp: 8211

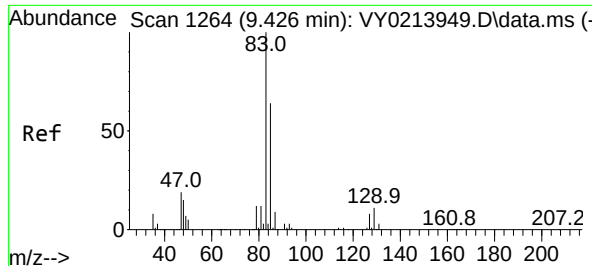
Ion Ratio Lower Upper

93 100

95 81.5 65.8 98.8

174 95.9 77.9 116.9





#47

Bromodichloromethane

Concen: 5.247 ug/l

RT: 9.427 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

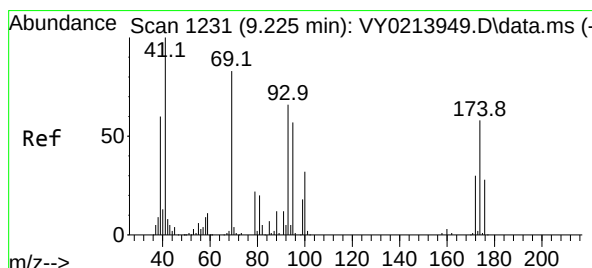
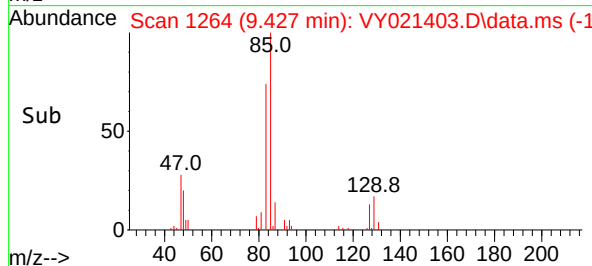
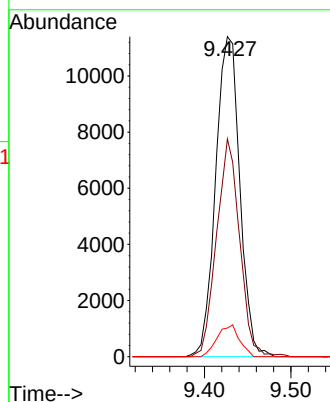
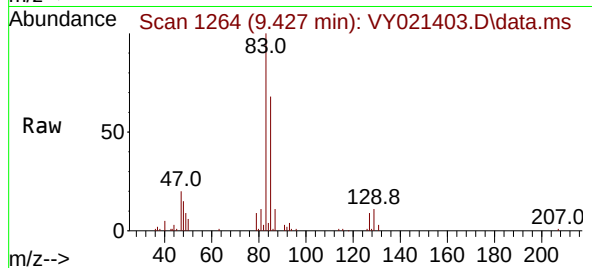
VSTDIC005

Tgt Ion: 83	Resp: 2208
Ion Ratio	Lower Upper
83 100	
85 68.0	51.1 76.7
127 9.0	6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#48

Methyl methacrylate

Concen: 4.568 ug/l

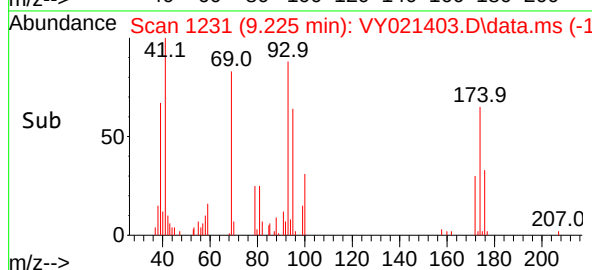
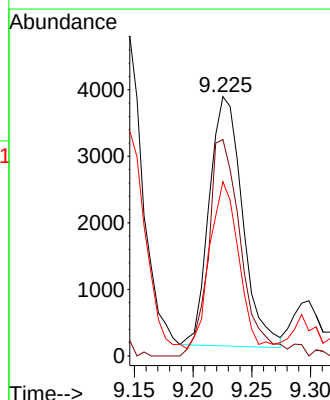
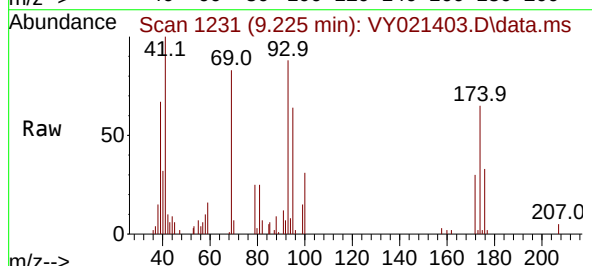
RT: 9.225 min Scan# 1231

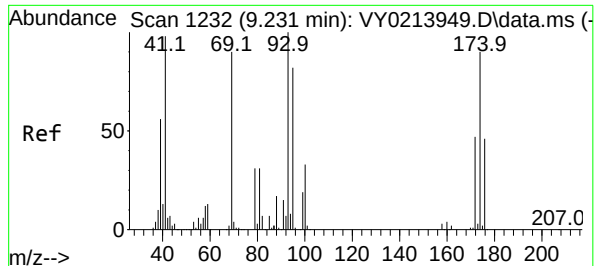
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion: 41	Resp: 7383
Ion Ratio	Lower Upper
41 100	
69 87.1	67.8 101.8
39 59.5	46.4 69.6





#49

1,4-Dioxane

Concen: 91.537 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

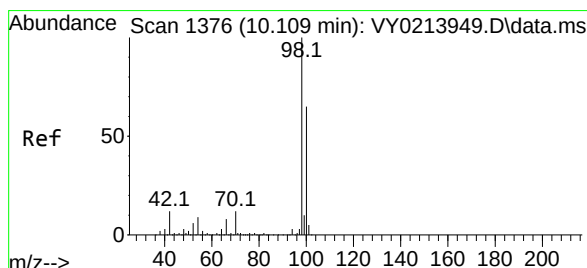
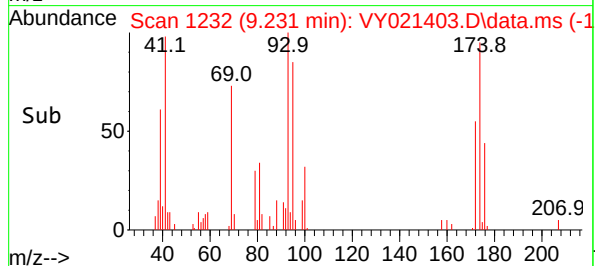
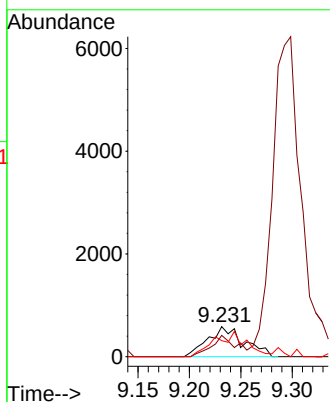
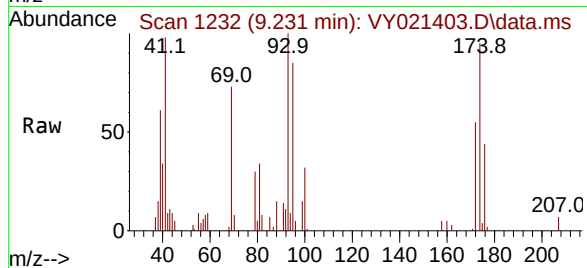
VSTDIC005

Tgt Ion:	88	Resp:	1424
Ion	Ratio	Lower	Upper
88	100		
43	48.4	25.0	37.4
58	74.3	58.4	87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#50

Toluene-d8

Concen: 5.562 ug/l

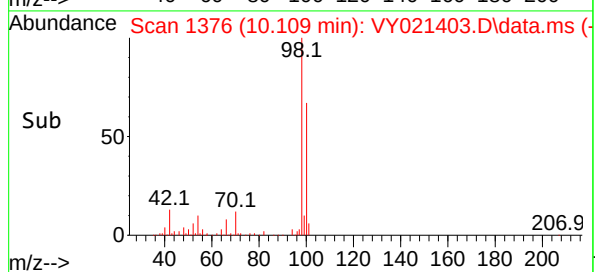
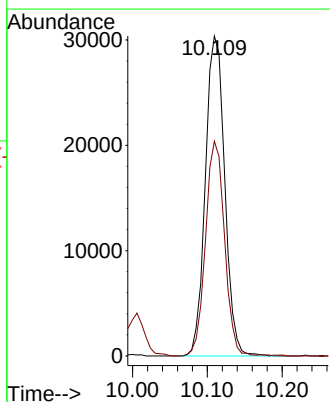
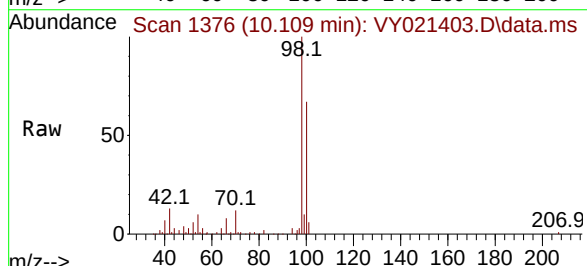
RT: 10.109 min Scan# 1376

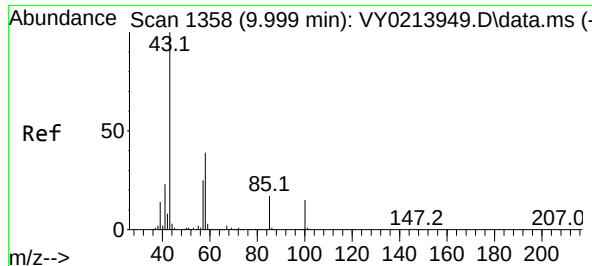
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

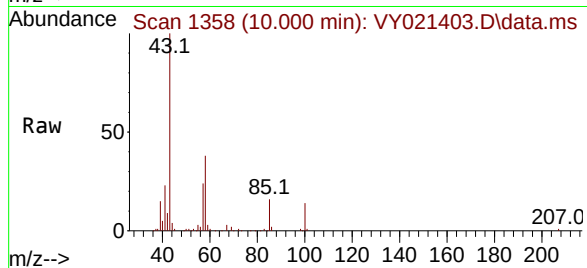
Tgt Ion:	98	Resp:	54665
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 24.077 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

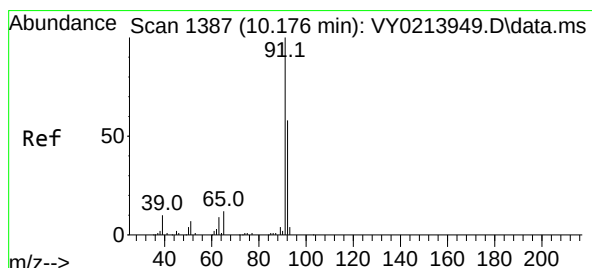
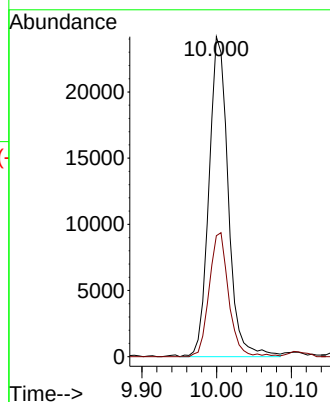
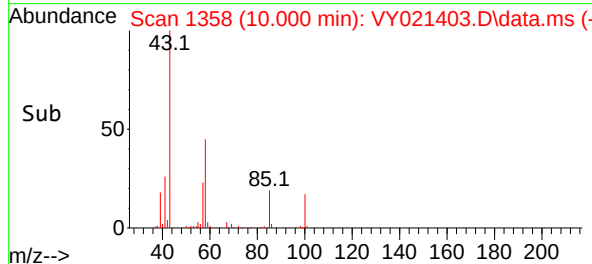
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 43300
Ion Ratio Lower Upper
43 100
58 39.1 31.4 47.2

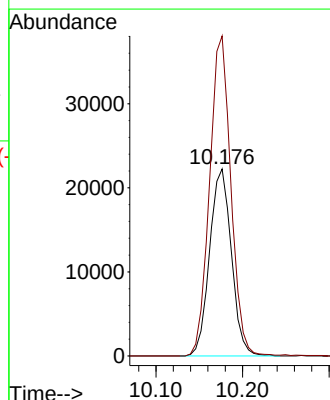
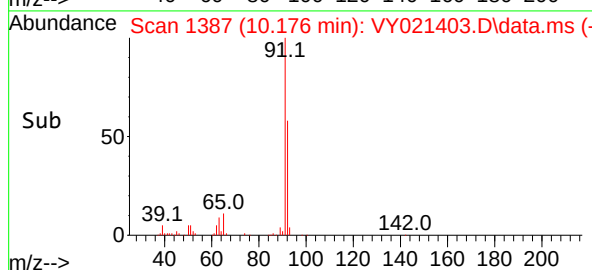
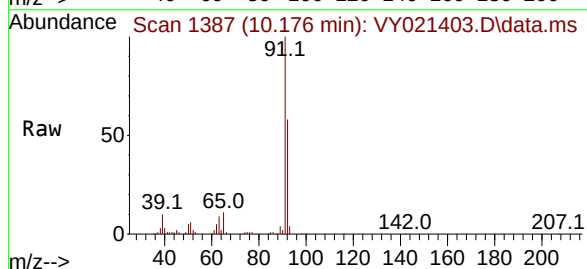
Manual Integrations
APPROVED

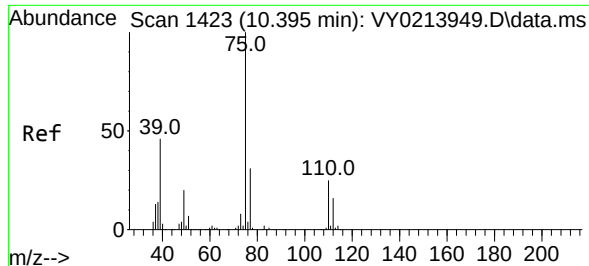
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 5.146 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 92 Resp: 38833
Ion Ratio Lower Upper
92 100
91 167.3 138.2 207.2





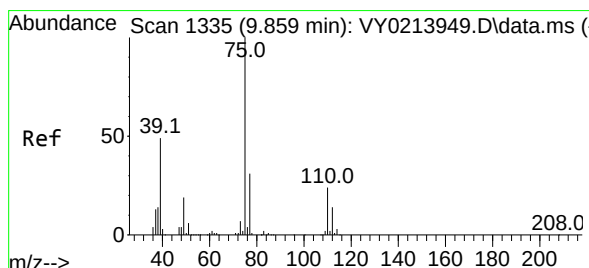
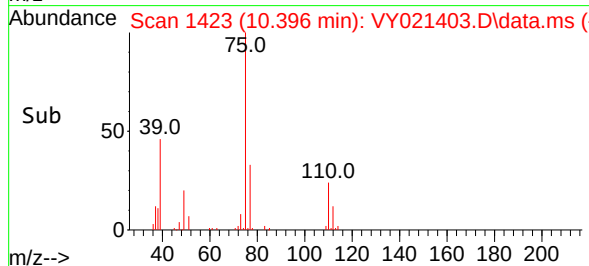
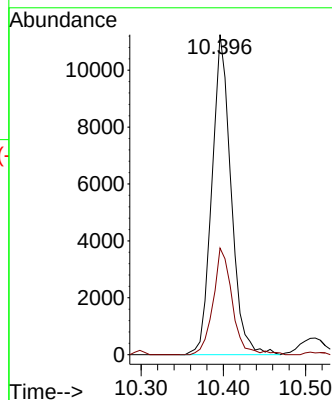
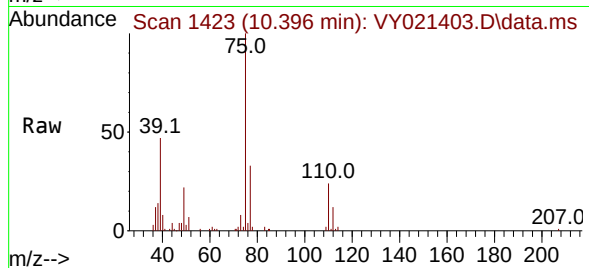
#53
t-1,3-Dichloropropene
Concen: 4.905 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 1818
Ion Ratio Lower Upper
75 100
77 33.3 25.0 37.6

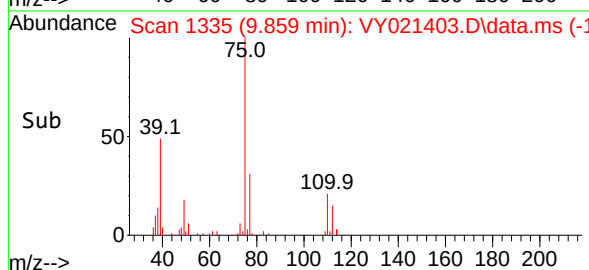
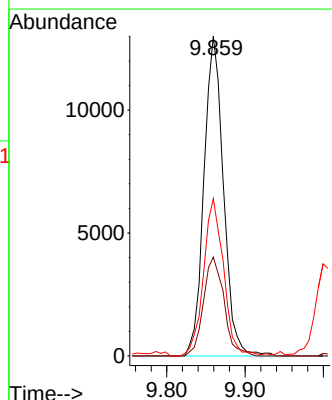
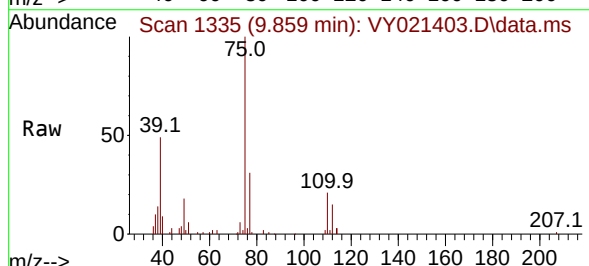
Manual Integrations
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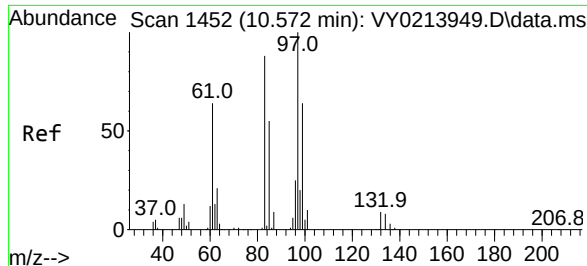
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 5.111 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

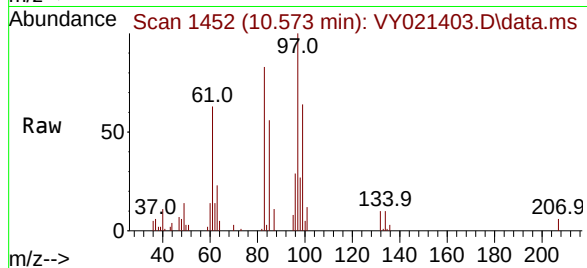
Tgt Ion: 75 Resp: 22504
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0
39 49.2 39.4 59.2





#55
1,1,2-Trichloroethane
Concen: 5.227 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

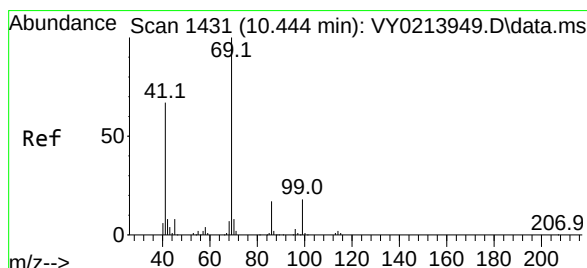
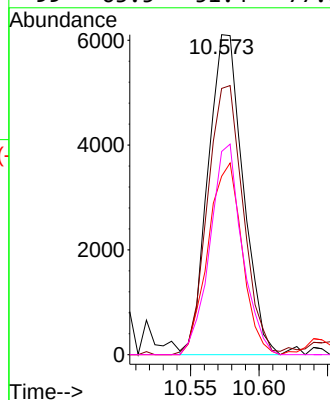
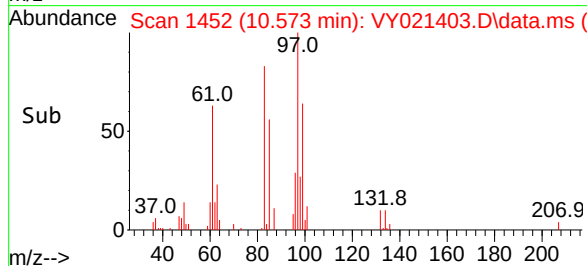
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 97 Resp: 1083
Ion Ratio Lower Upper
97 100
83 82.3 70.0 105.0
85 55.8 44.3 66.5
99 63.5 51.4 77.0

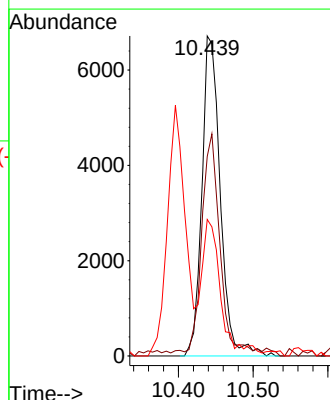
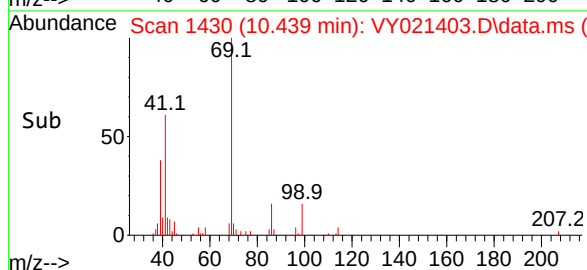
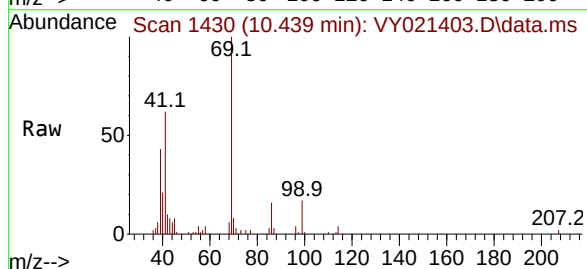
Manual Integrations
APPROVED

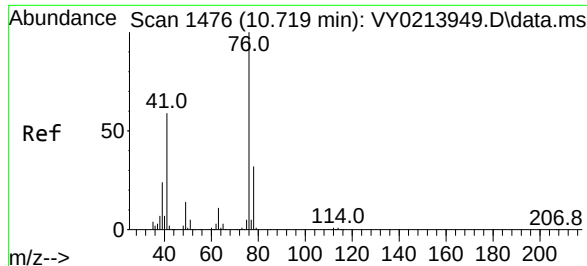
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#56
Ethyl methacrylate
Concen: 4.340 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

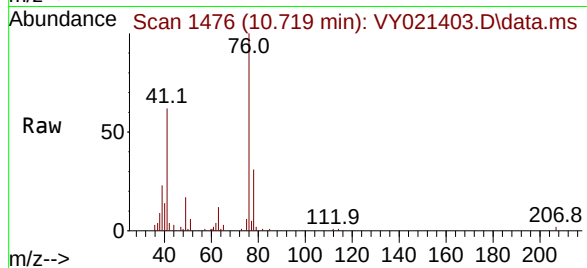
Tgt Ion: 69 Resp: 11475
Ion Ratio Lower Upper
69 100
41 67.3 53.3 79.9
39 42.8 31.0 46.6





#57
1,3-Dichloropropane
Concen: 5.115 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

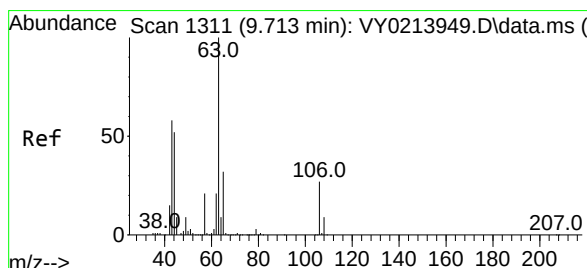
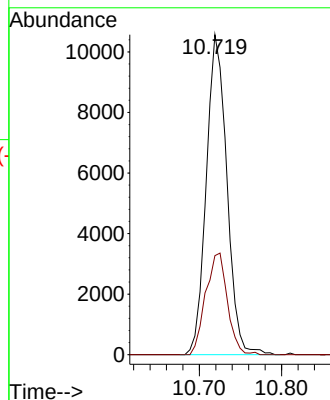
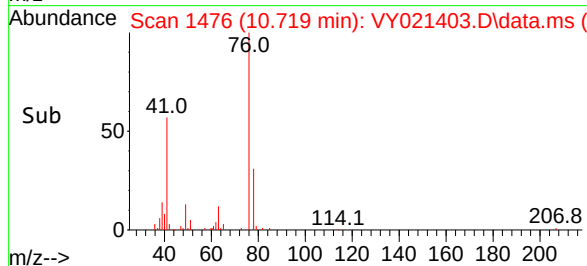
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 18380
Ion Ratio Lower Upper
76 100
78 33.5 26.3 39.5

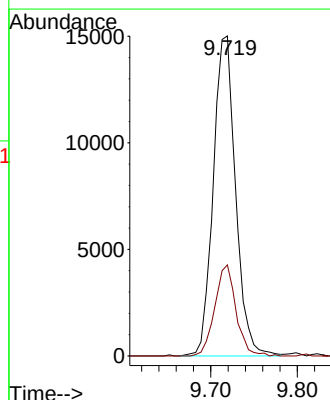
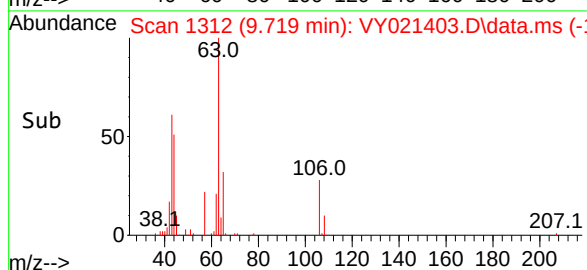
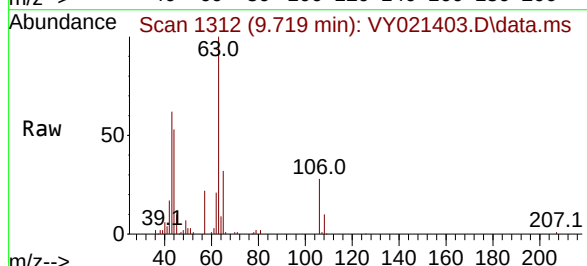
Manual Integrations
APPROVED

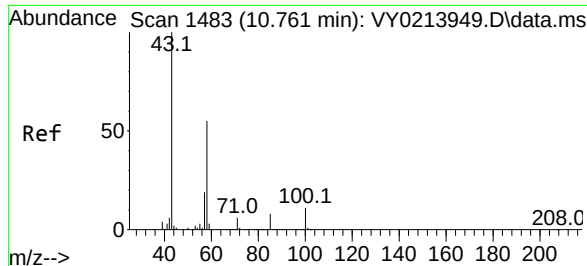
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 22.045 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.007 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

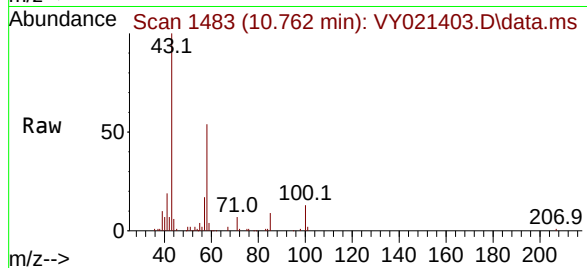
Tgt Ion: 63 Resp: 26908
Ion Ratio Lower Upper
63 100
106 27.0 22.1 33.1





#59
2-Hexanone
Concen: 23.073 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

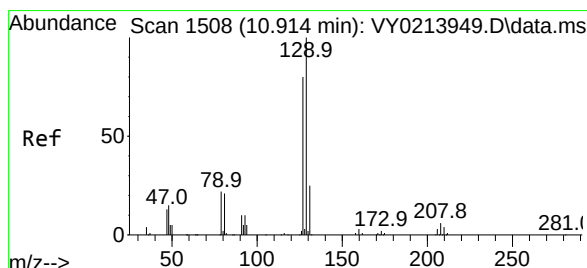
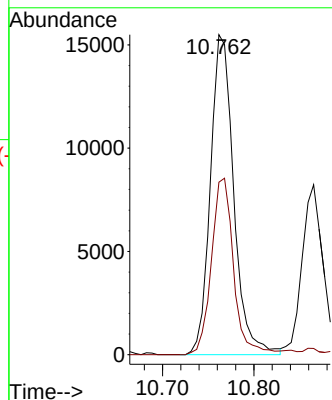
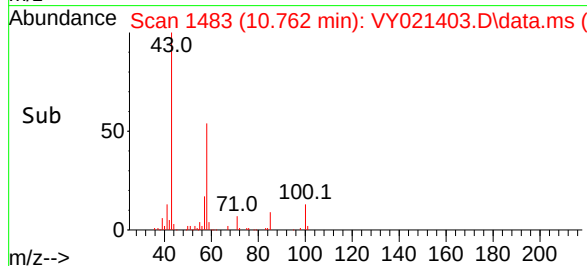
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 2744
Ion Ratio Lower Upper
43 100
58 52.5 27.3 81.8

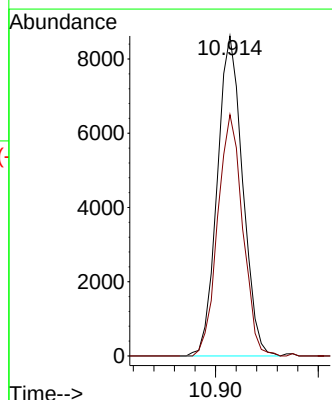
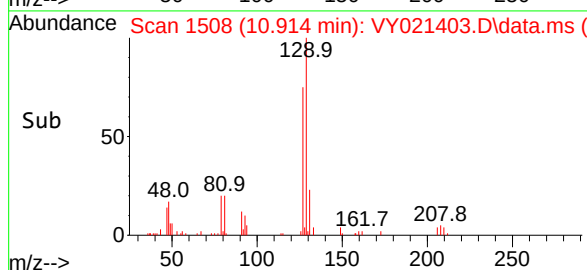
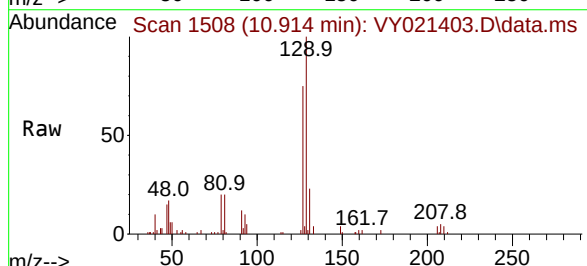
Manual Integrations
APPROVED

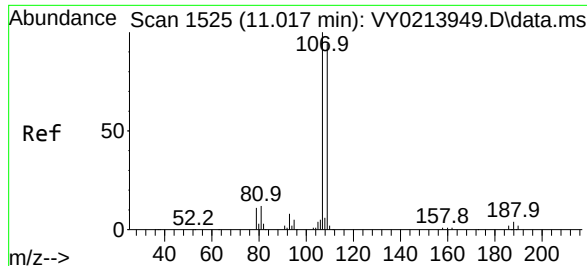
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60
Dibromochloromethane
Concen: 5.197 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

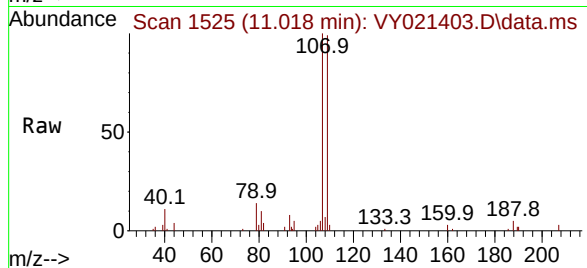
Tgt Ion:129 Resp: 14771
Ion Ratio Lower Upper
129 100
127 74.3 39.1 117.3





#61
1,2-Dibromoethane
Concen: 5.207 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

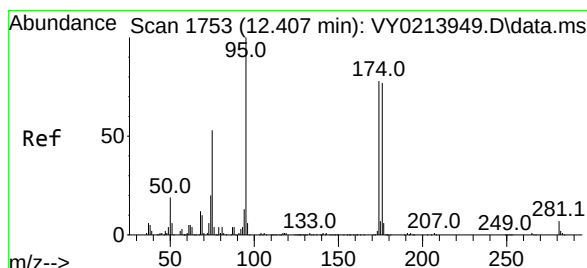
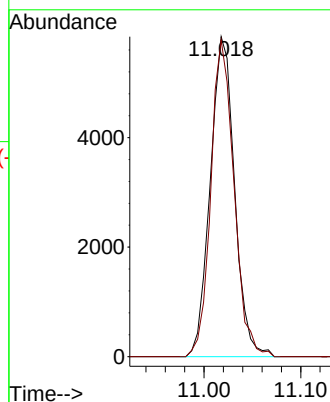
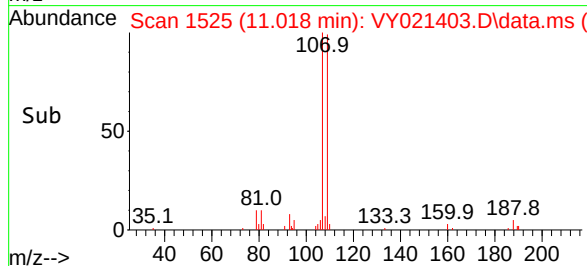
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 107 Resp: 1018
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.8

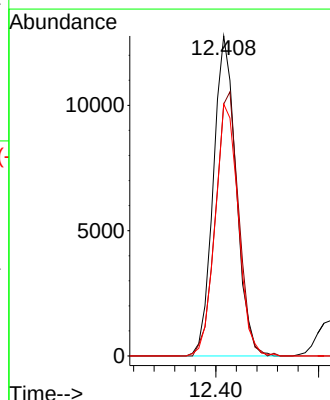
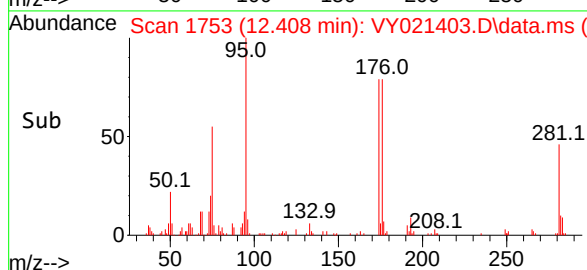
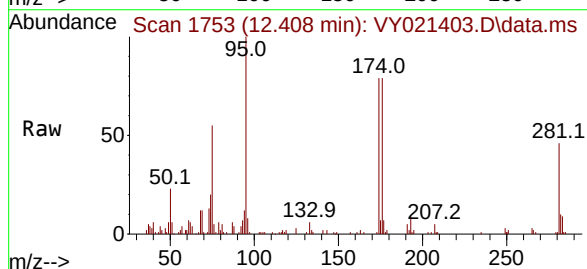
Manual Integrations
APPROVED

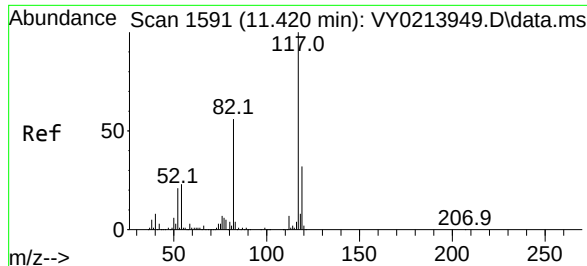
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 5.882 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

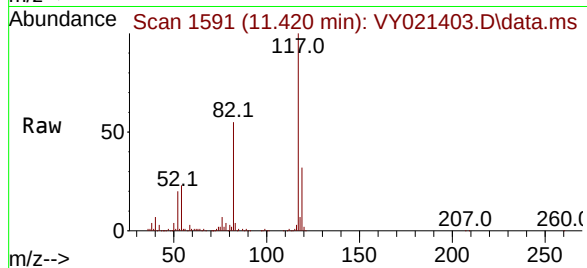
Tgt Ion: 95 Resp: 19663
Ion Ratio Lower Upper
95 100
174 83.8 0.0 165.0
176 79.9 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

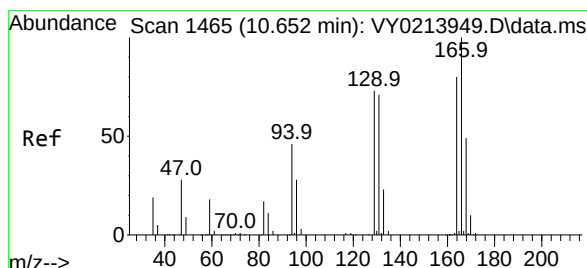
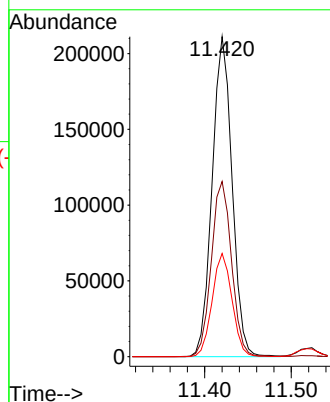
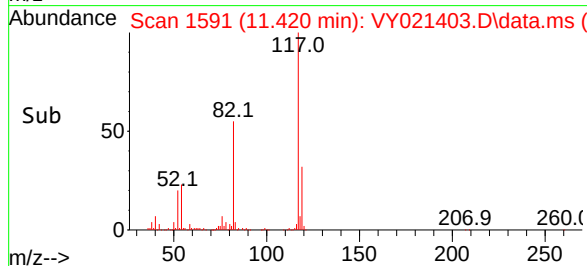
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 33762
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 32.2 25.4 38.0

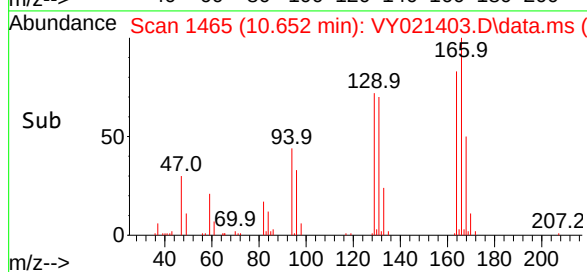
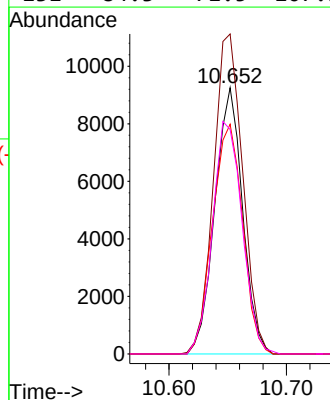
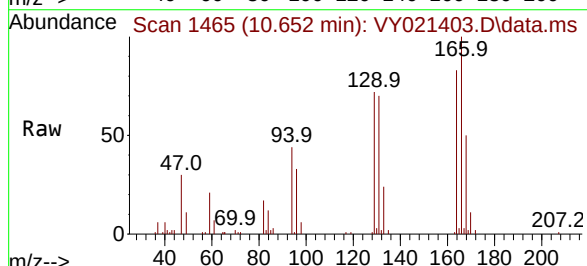
Manual Integrations
APPROVED

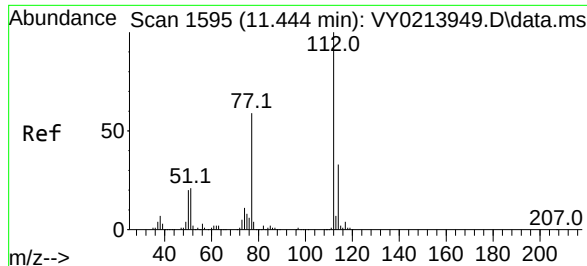
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#64
Tetrachloroethene
Concen: 5.518 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion:164 Resp: 15148
Ion Ratio Lower Upper
164 100
166 120.2 100.4 150.6
129 86.3 73.8 110.8
131 84.3 71.5 107.3





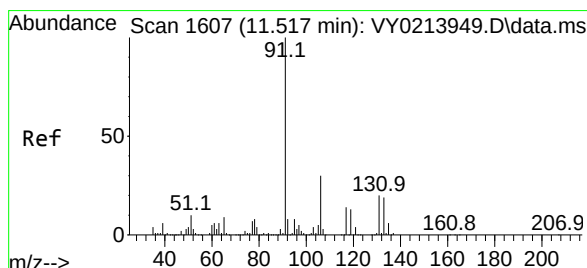
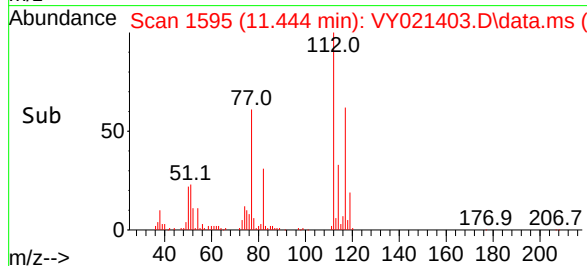
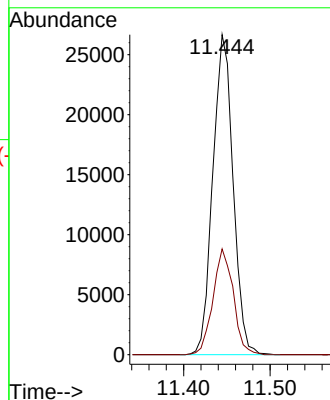
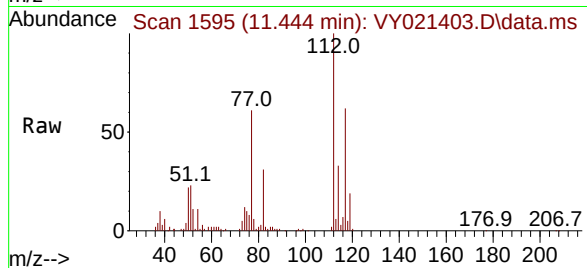
#65
Chlorobenzene
Concen: 5.434 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 4332
Ion Ratio Lower Upper
112 100
114 33.0 26.1 39.1

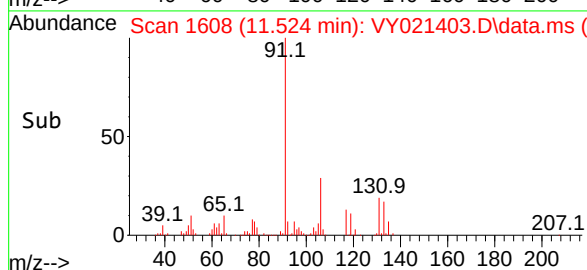
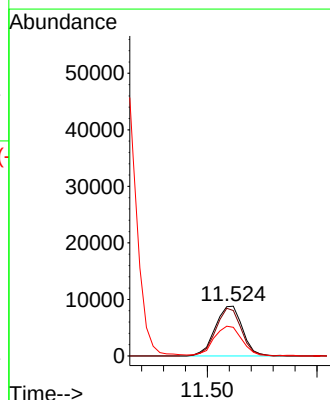
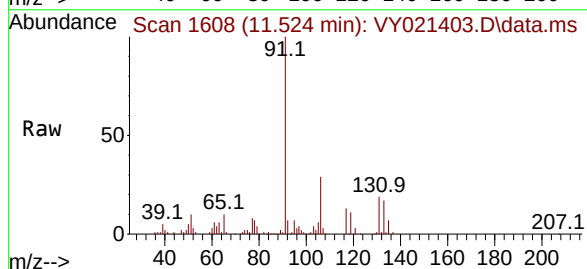
Manual Integrations
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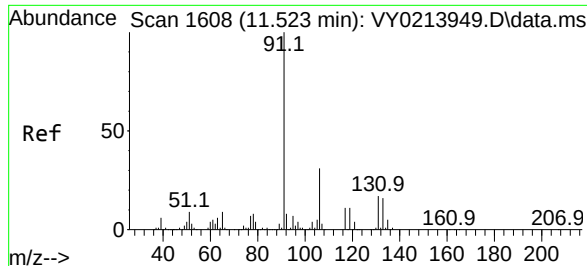
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.383 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.007 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion:131 Resp: 15173
Ion Ratio Lower Upper
131 100
133 90.8 47.6 142.9
119 61.8 32.3 96.9





#67

Ethyl Benzene

Concen: 5.102 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 7139

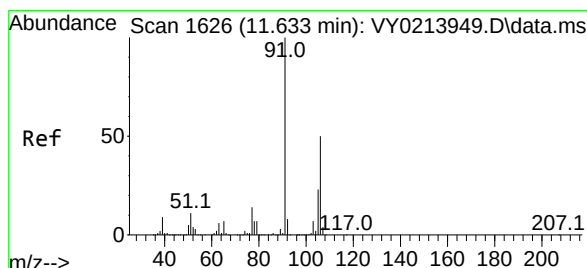
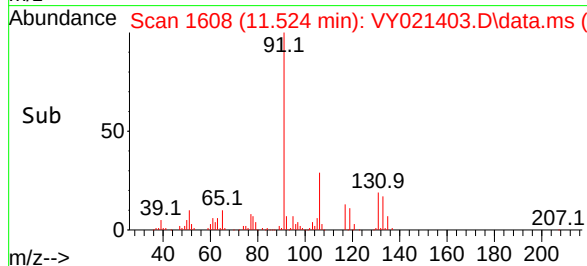
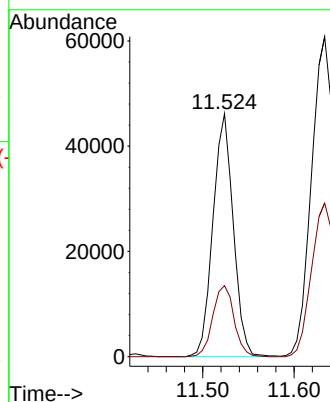
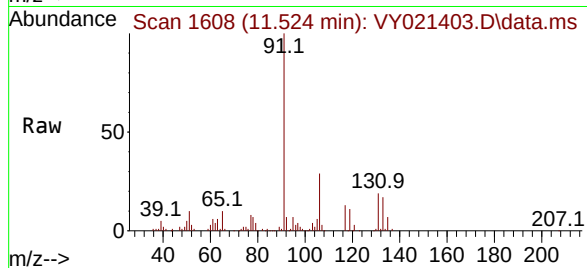
Ion Ratio Lower Upper

91 100

106 29.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#68

m/p-Xylenes

Concen: 10.132 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021403.D

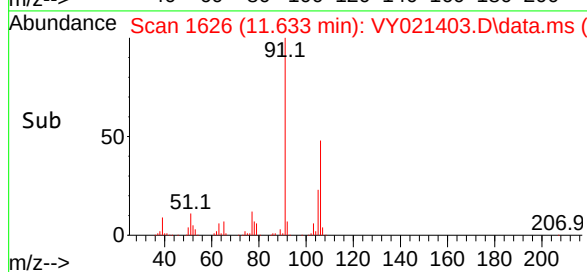
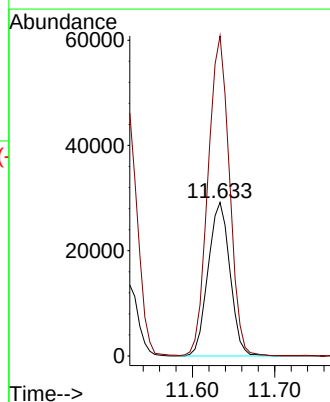
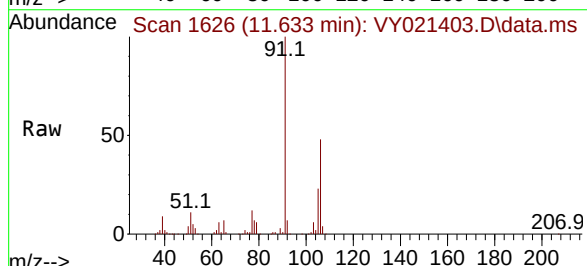
Acq: 04 Mar 2025 12:15

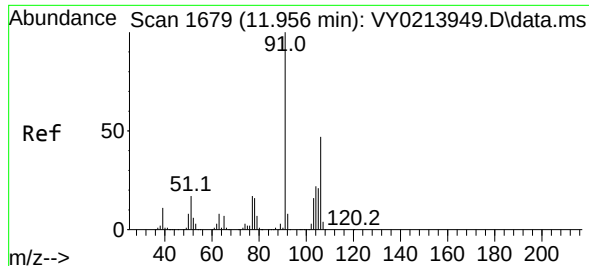
Tgt Ion:106 Resp: 53829

Ion Ratio Lower Upper

106 100

91 203.9 161.7 242.5





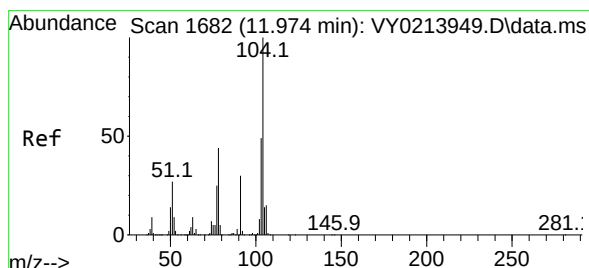
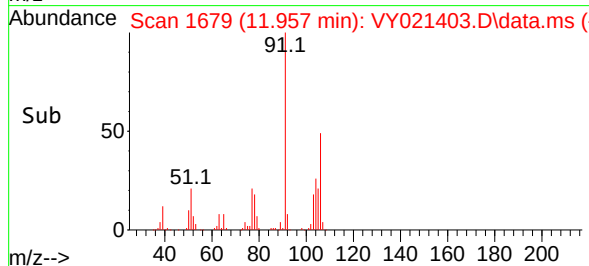
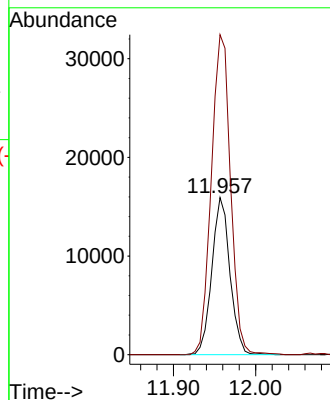
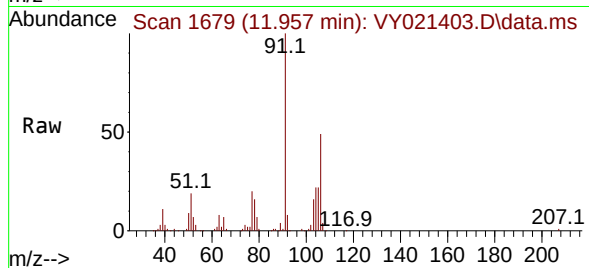
#69
o-Xylene
Concen: 4.988 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2442
Ion Ratio Lower Upper
106 100
91 215.9 107.6 322.8

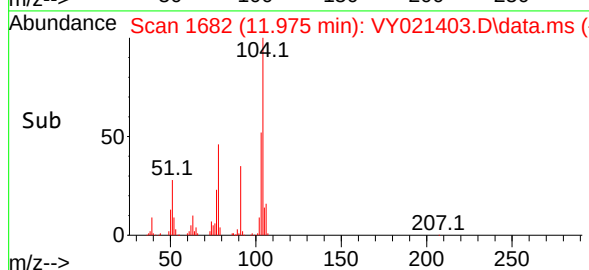
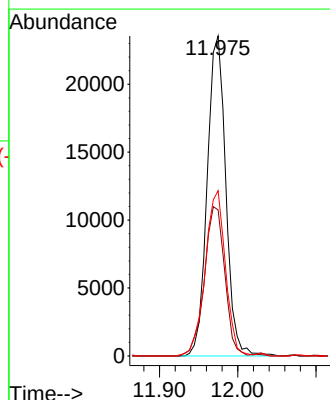
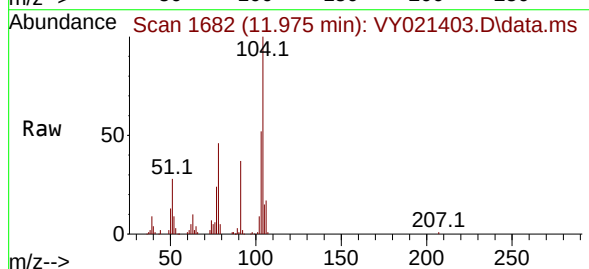
Manual Integrations
APPROVED

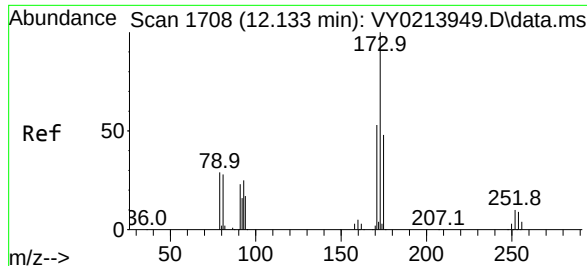
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#70
Styrene
Concen: 4.784 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

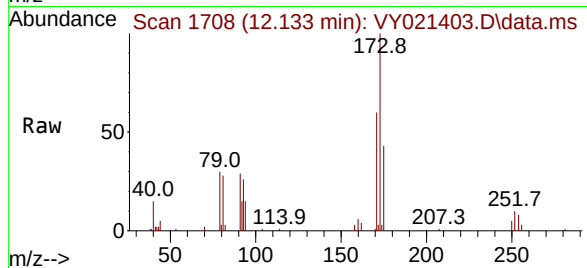
Tgt Ion:104 Resp: 38858
Ion Ratio Lower Upper
104 100
78 51.0 40.7 61.1
103 56.3 44.1 66.1





#71
Bromoform
Concen: 5.035 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

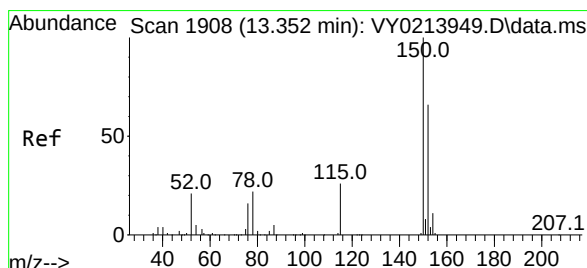
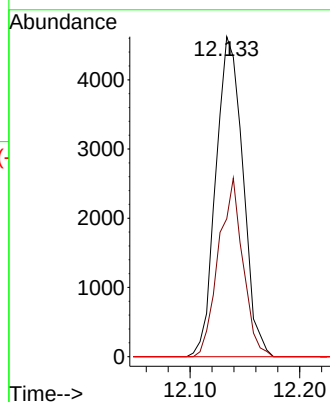
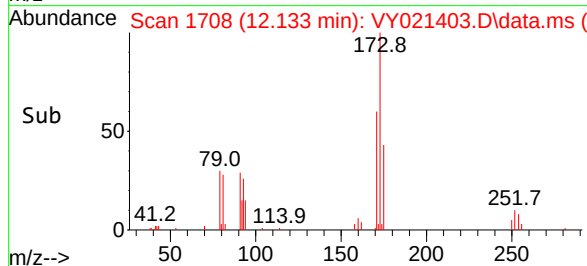
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:173 Resp: 7934
Ion Ratio Lower Upper
173 100
175 50.2 23.9 71.7
254 0.0 0.1 0.1

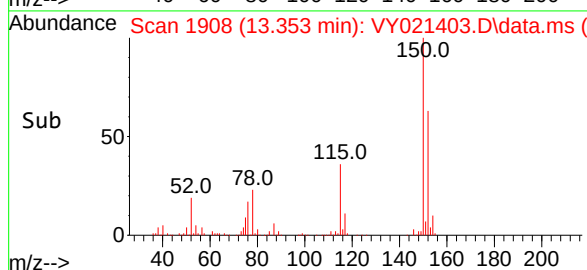
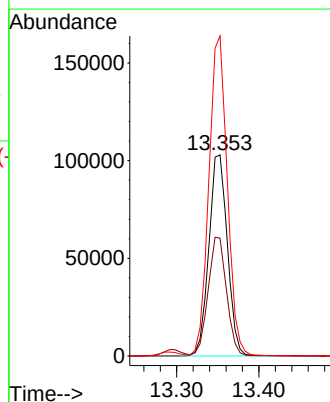
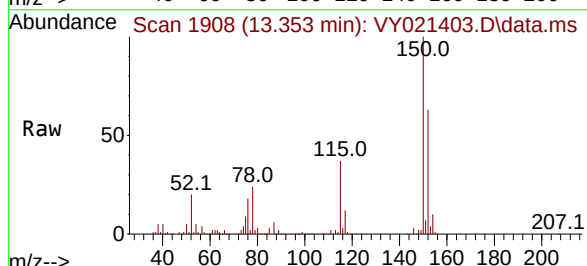
Manual Integrations
APPROVED

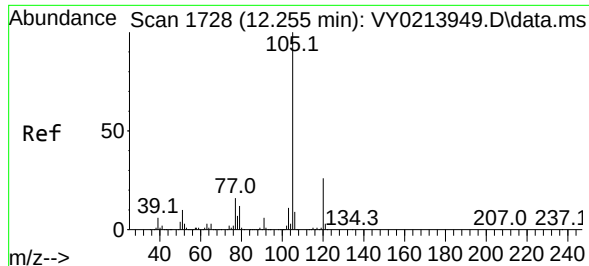
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion:152 Resp: 161080
Ion Ratio Lower Upper
152 100
115 58.9 29.0 87.0
150 158.3 0.0 347.2





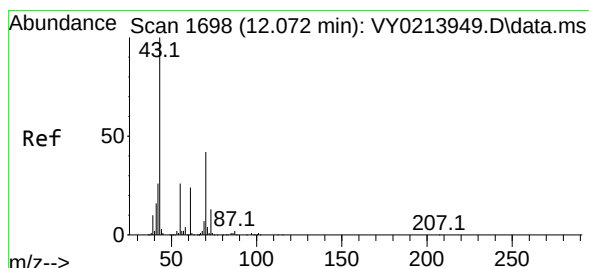
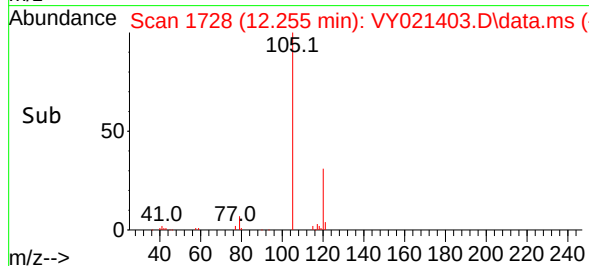
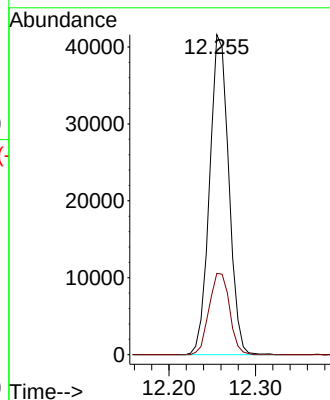
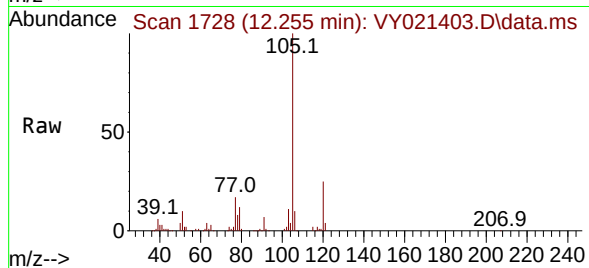
#73
Isopropylbenzene
Concen: 5.049 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 6406
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.3

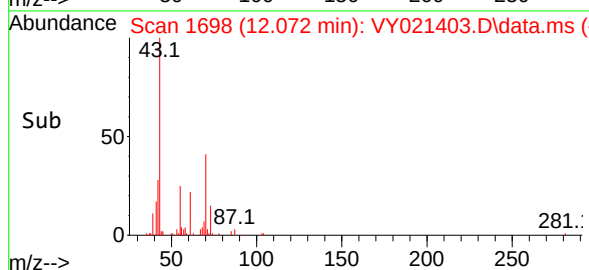
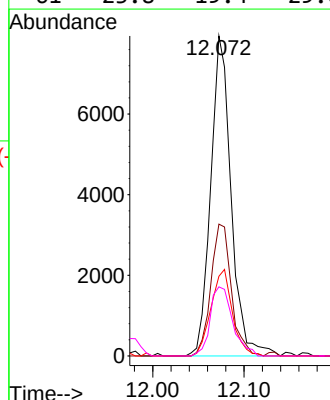
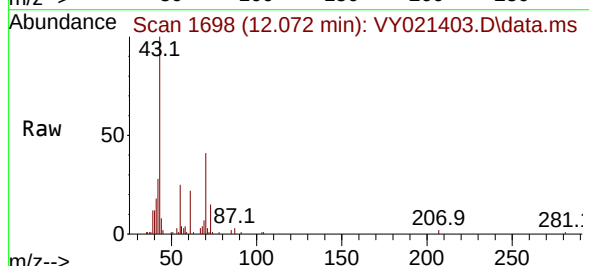
Manual Integrations
APPROVED

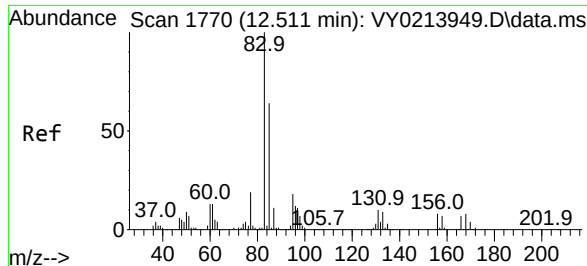
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 4.470 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 43 Resp: 12319
Ion Ratio Lower Upper
43 100
70 41.2 34.6 51.8
55 28.2 21.1 31.7
61 23.8 19.4 29.0





#75

1,1,2-Tetrachloroethane

Concen: 5.299 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

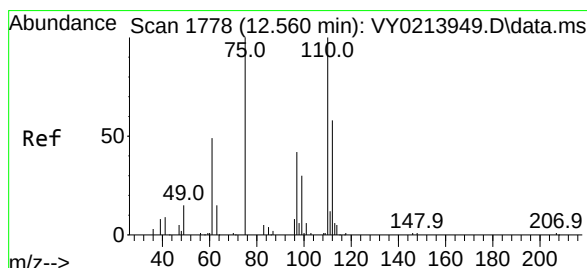
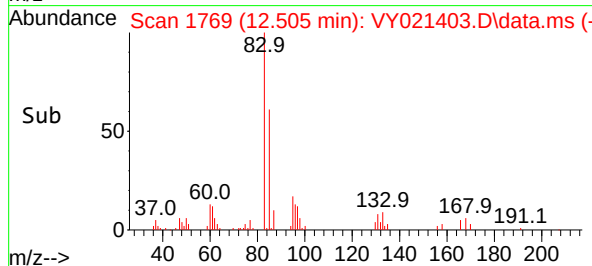
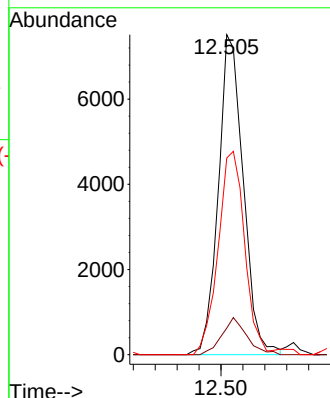
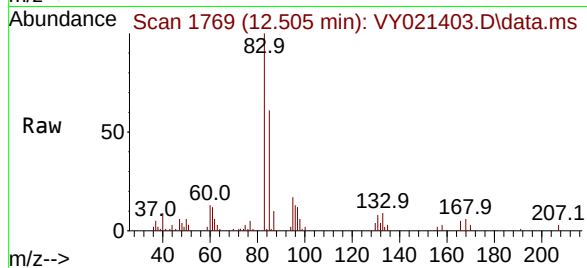
VSTDIC005

Tgt Ion:	83	Resp:	1186
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.3	16.1
85	67.7	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#76

1,2,3-Trichloropropane

Concen: 6.223 ug/l m

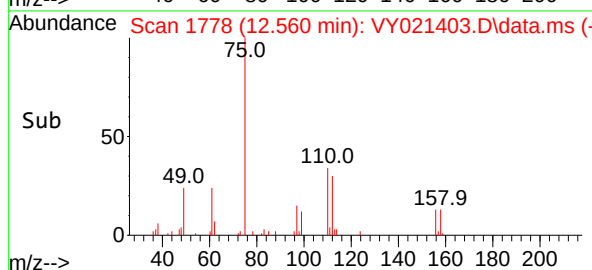
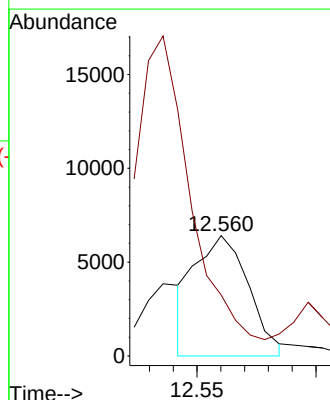
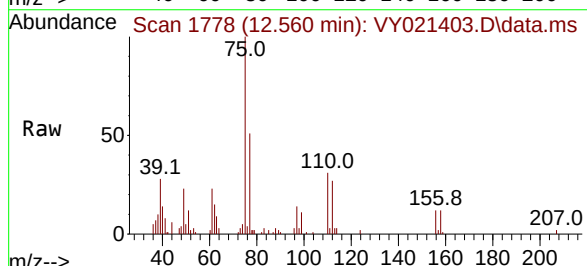
RT: 12.560 min Scan# 1778

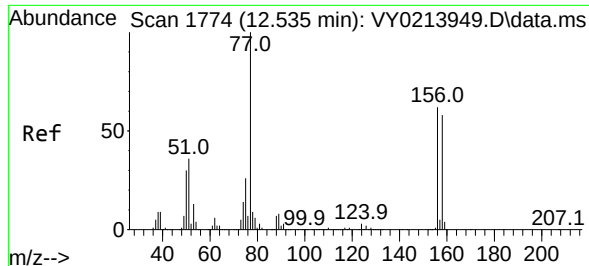
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:	75	Resp:	10101
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





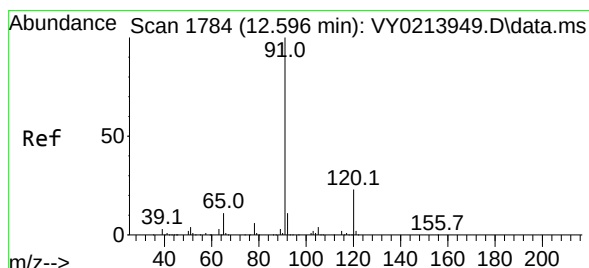
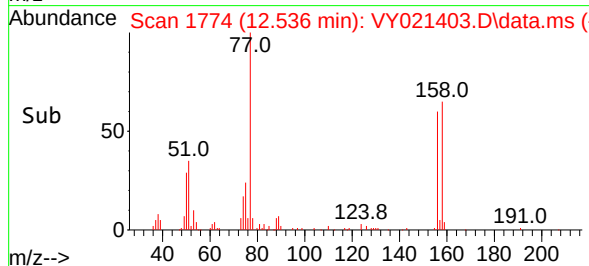
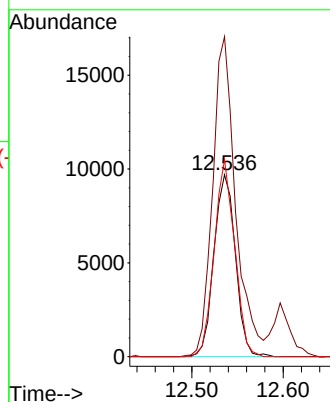
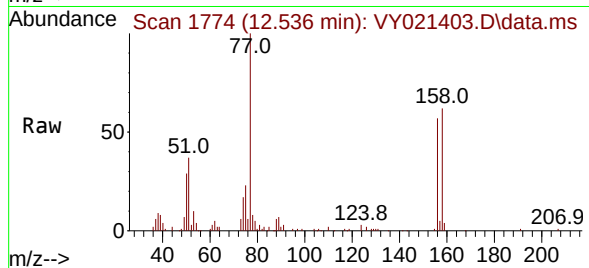
#77
Bromobenzene
Concen: 5.327 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 1581
Ion Ratio Lower Upper
156 100
77 188.4 93.6 280.8
158 103.5 48.3 144.8

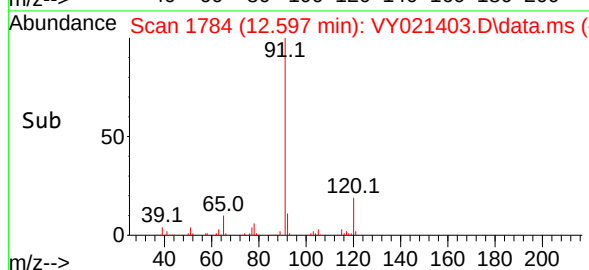
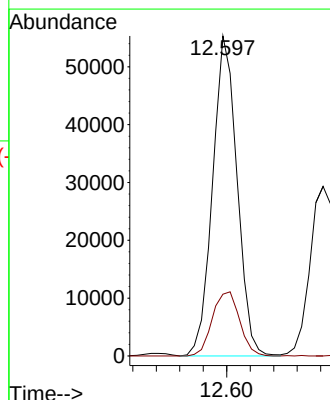
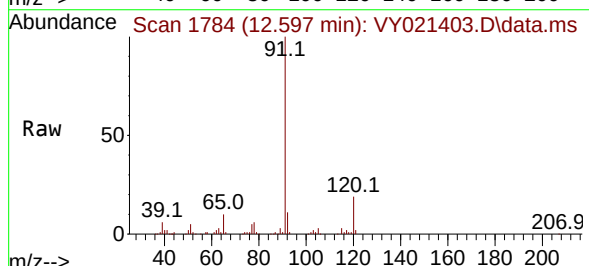
Manual Integrations
APPROVED

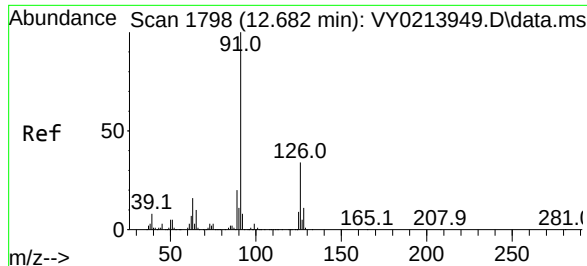
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78
n-propylbenzene
Concen: 5.205 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 91 Resp: 80203
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.8





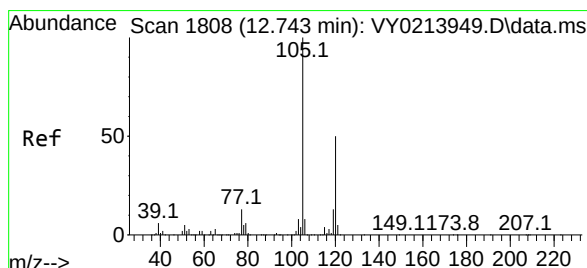
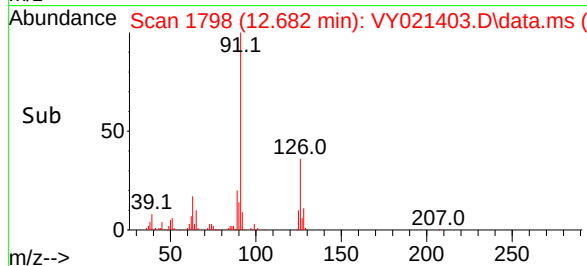
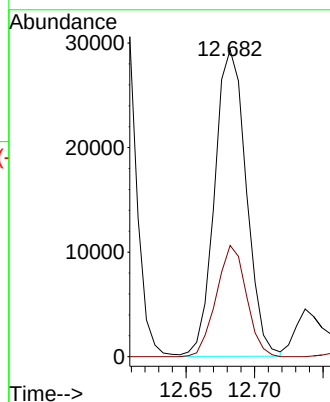
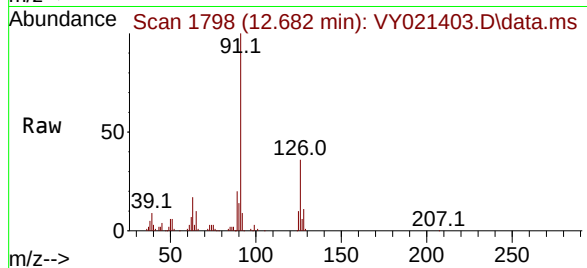
#79
2-Chlorotoluene
Concen: 5.341 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 47065
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6

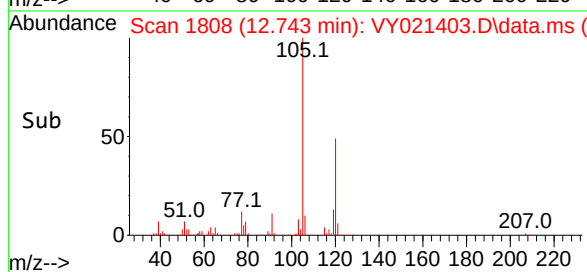
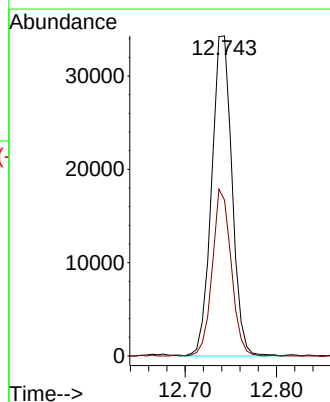
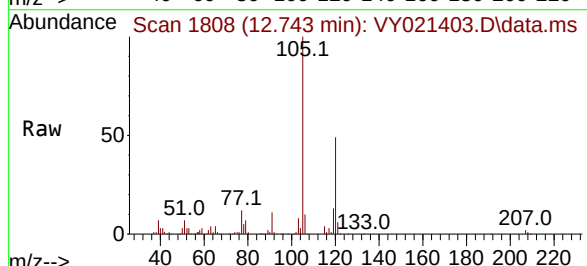
Manual Integrations
APPROVED

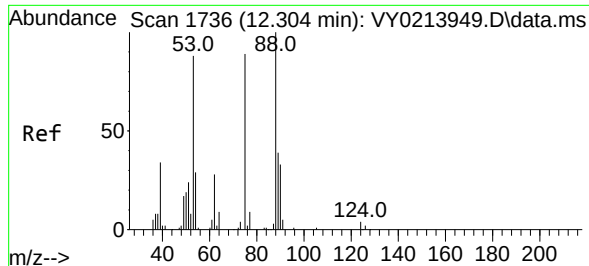
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.166 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion:105 Resp: 53272
Ion Ratio Lower Upper
105 100
120 48.3 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.805 ug/l

RT: 12.310 min Scan# 1736

Delta R.T. 0.007 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

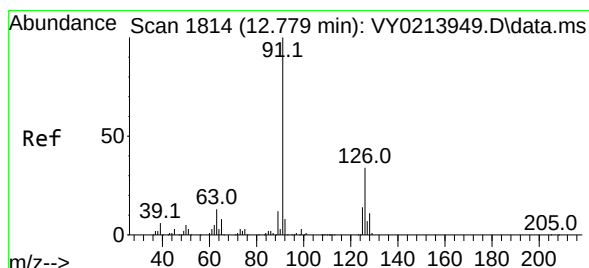
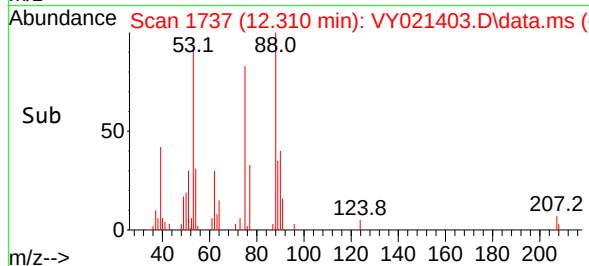
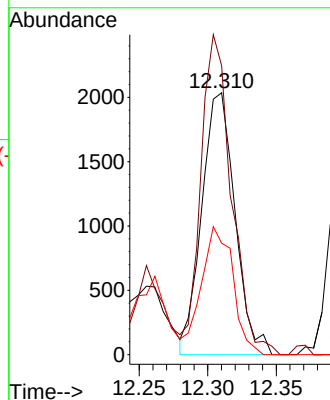
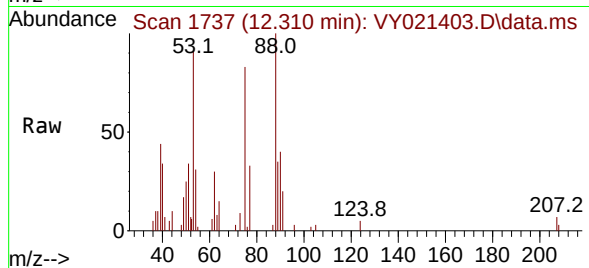
VSTDIC005

Tgt Ion: 75	Resp: 343
Ion Ratio	Lower Upper
75	100
53	112.3 81.0 121.4
89	46.5 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#82

4-Chlorotoluene

Concen: 5.280 ug/l

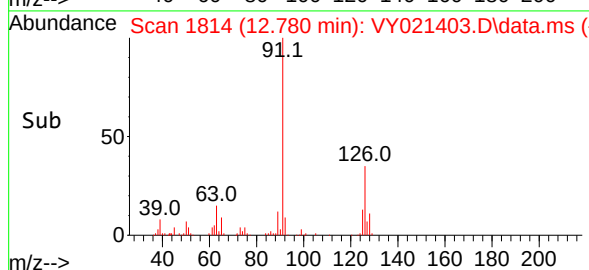
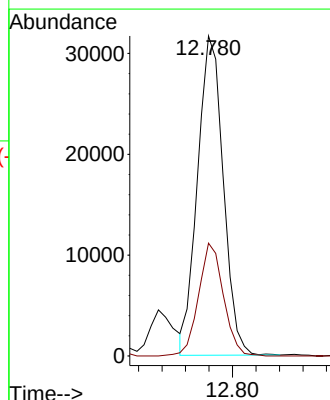
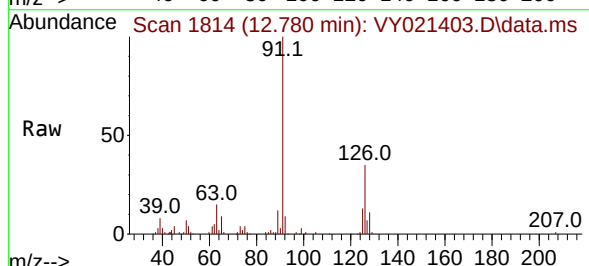
RT: 12.780 min Scan# 1814

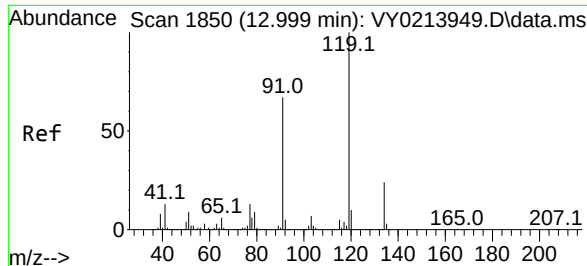
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion: 91	Resp: 48178
Ion Ratio	Lower Upper
91	100
126	34.2 17.0 51.0





#83

tert-Butylbenzene

Concen: 5.060 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021403.D

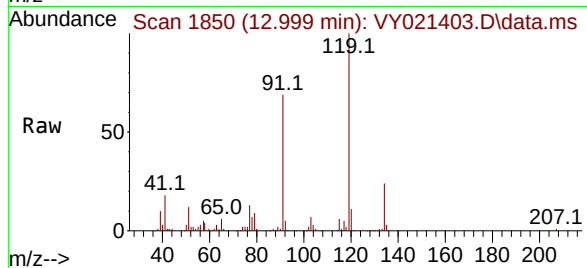
Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005



Tgt Ion:119 Resp: 46550

Ion Ratio Lower Upper

119 100

91 67.1 33.2 99.6

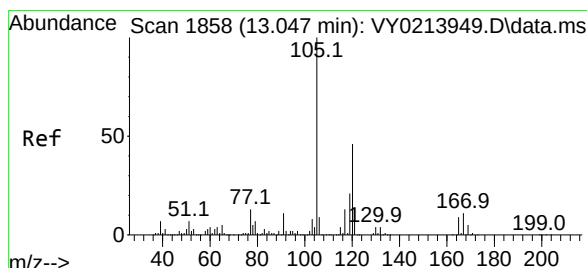
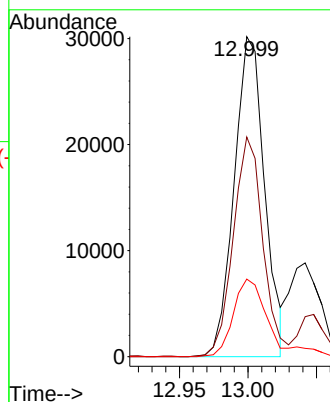
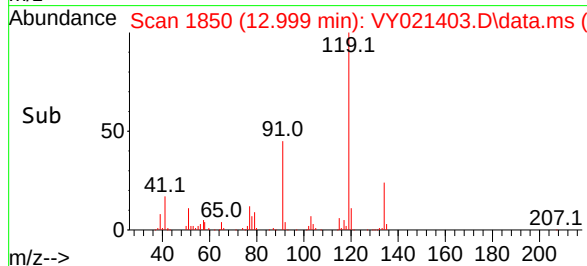
134 25.8 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 5.099 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY021403.D

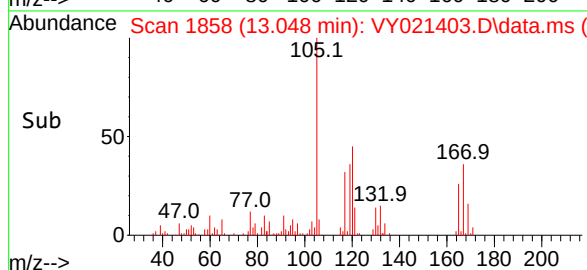
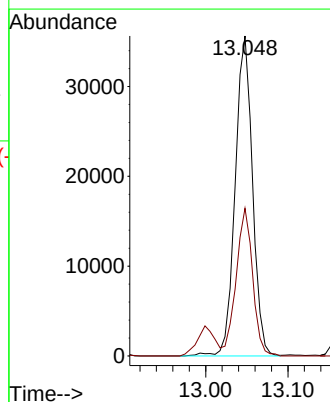
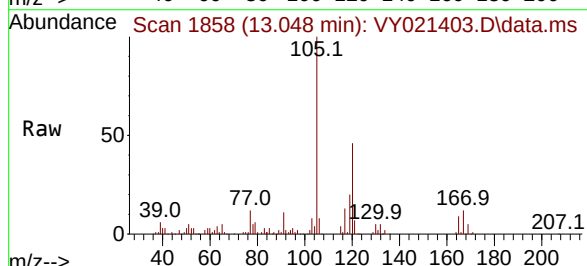
Acq: 04 Mar 2025 12:15

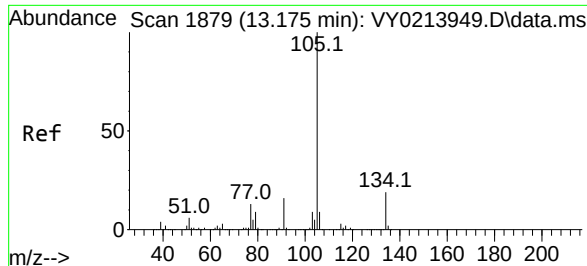
Tgt Ion:105 Resp: 52203

Ion Ratio Lower Upper

105 100

120 44.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 5.246 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 71799

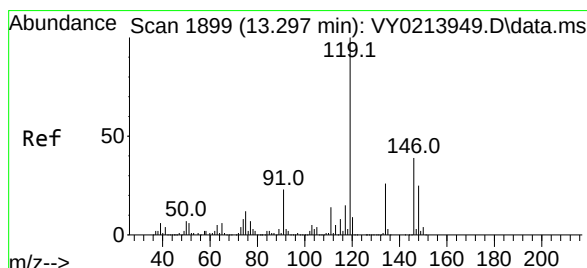
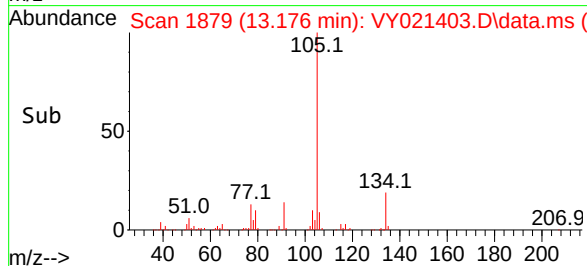
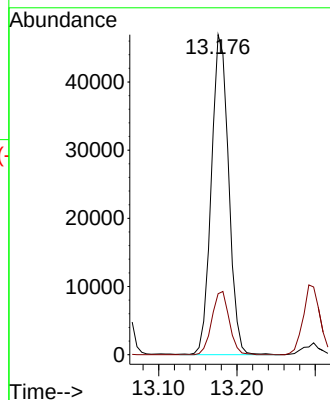
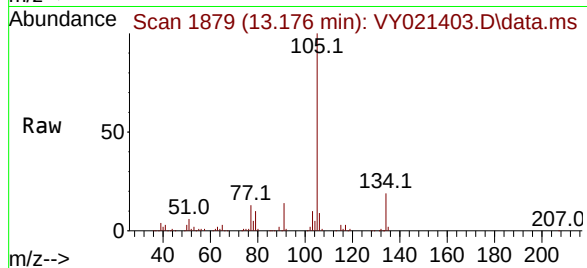
Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#86

p-Isopropyltoluene

Concen: 5.067 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

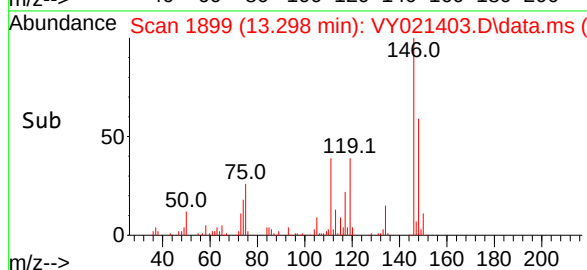
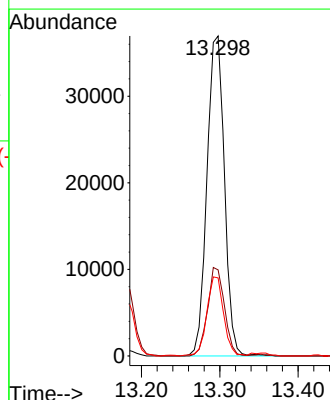
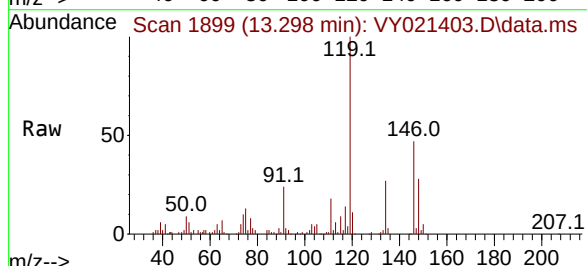
Tgt Ion:119 Resp: 57131

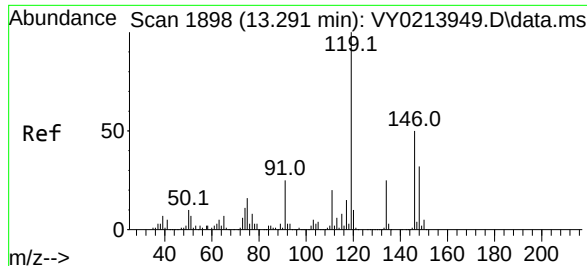
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 23.7 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 5.535 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

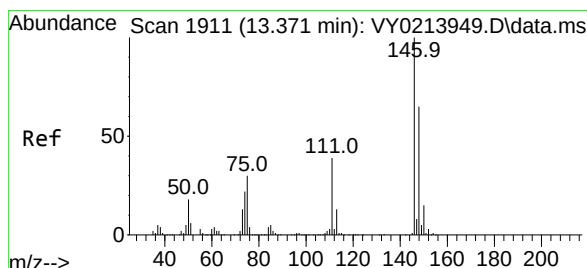
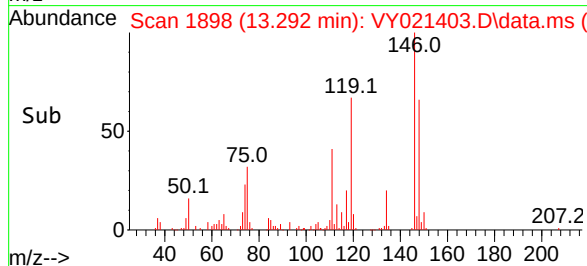
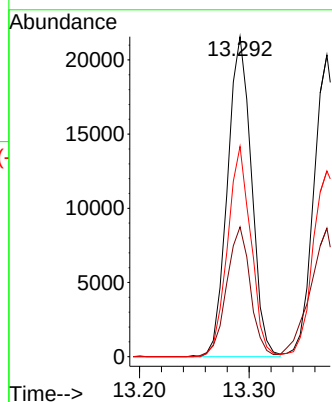
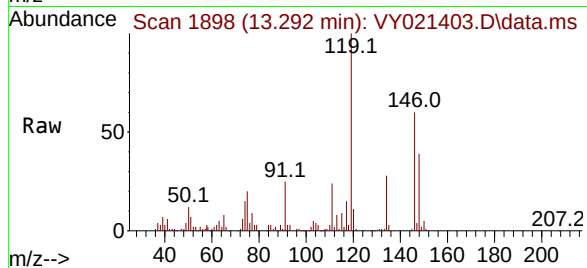
VSTDIC005

Tgt Ion:146	Resp:	32709
Ion Ratio	Lower	Upper
146	100	
111	40.2	20.0 60.0
148	64.0	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#88

1,4-Dichlorobenzene

Concen: 5.545 ug/l

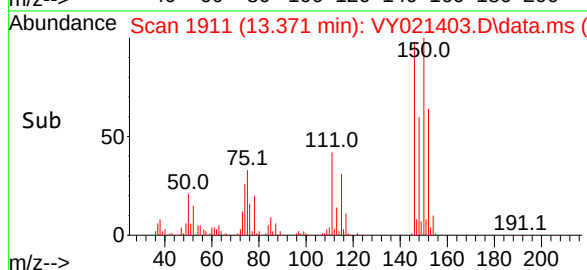
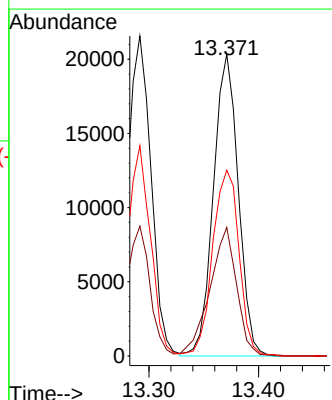
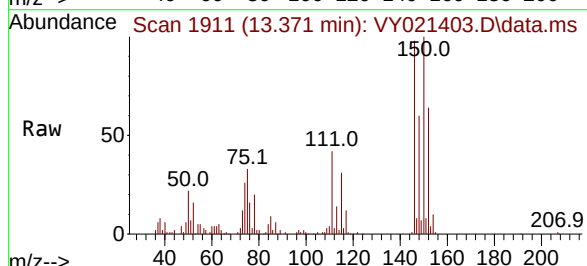
RT: 13.371 min Scan# 1911

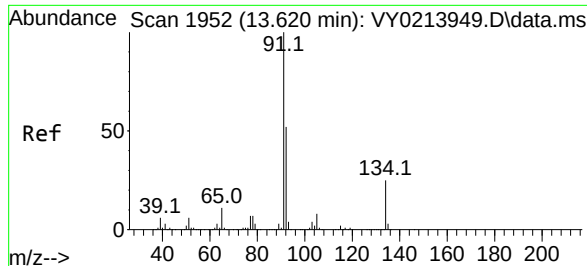
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:146	Resp:	32045
Ion Ratio	Lower	Upper
146	100	
111	46.5	19.6 58.8
148	65.6	32.3 96.8





#89

n-Butylbenzene

Concen: 5.057 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

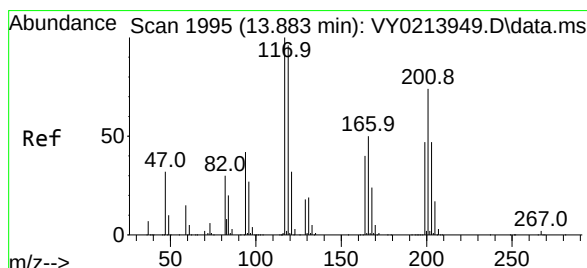
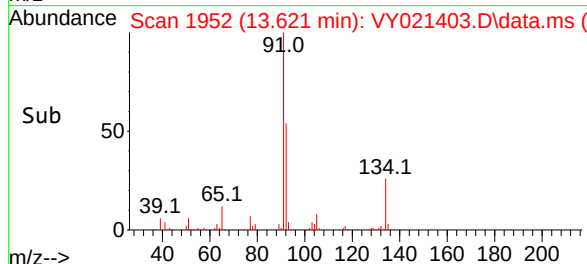
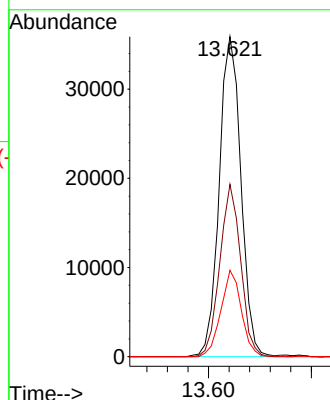
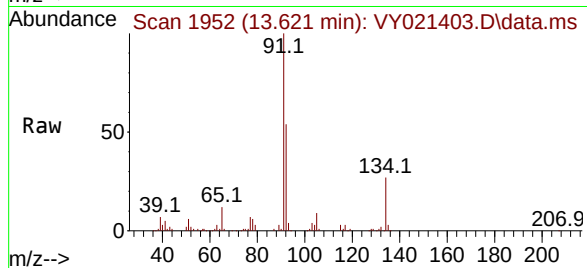
VSTDIC005

Tgt Ion:	91	Resp:	52654
Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.1	78.3
134	25.5	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#90

Hexachloroethane

Concen: 5.628 ug/l

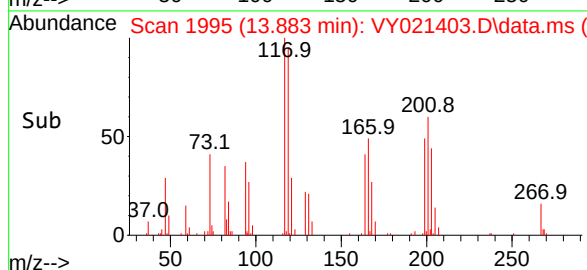
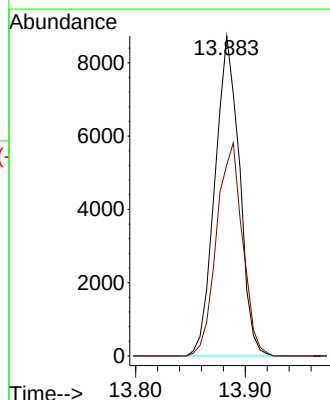
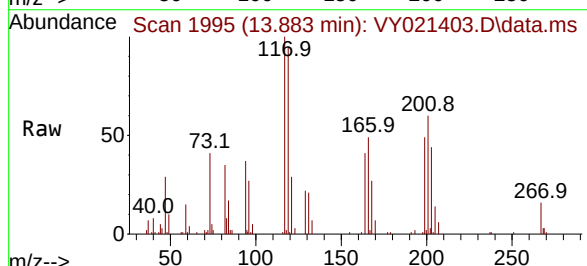
RT: 13.883 min Scan# 1995

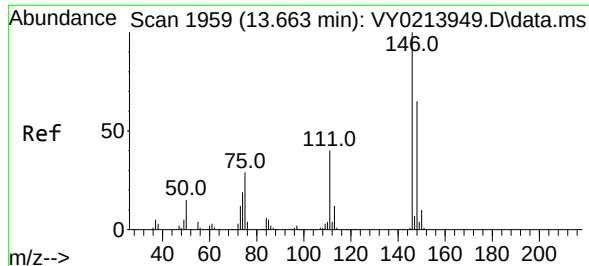
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Tgt Ion:	117	Resp:	13537
Ion	Ratio	Lower	Upper
117	100		
201	70.8	37.4	112.2





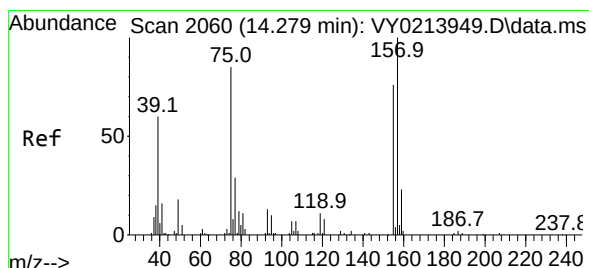
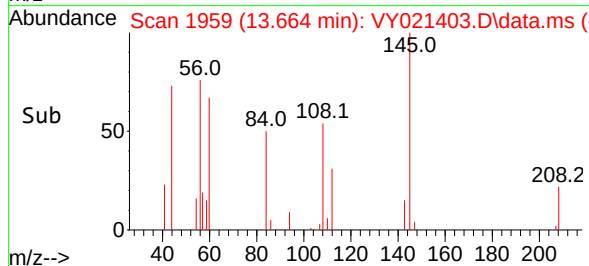
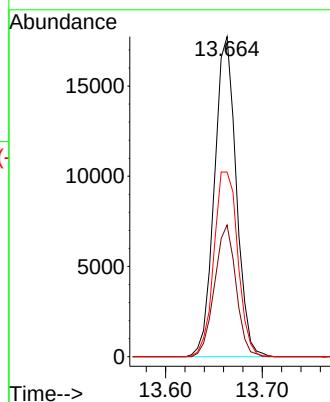
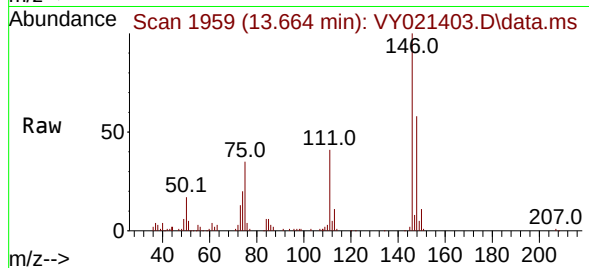
#91
1,2-Dichlorobenzene
Concen: 5.481 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 2775
Ion Ratio Lower Upper
146 100
111 40.5 20.7 62.1
148 63.2 32.1 96.5

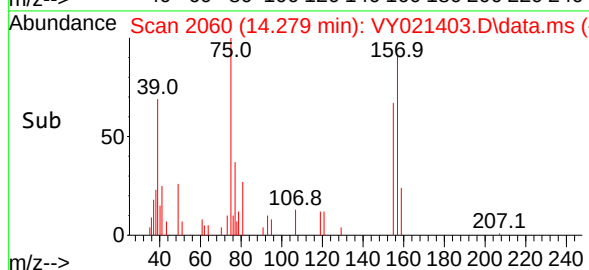
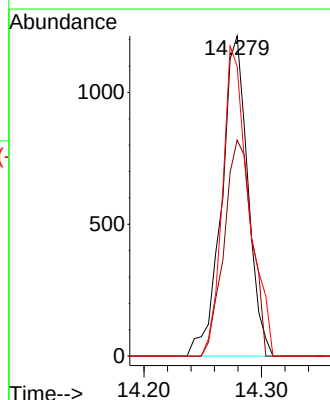
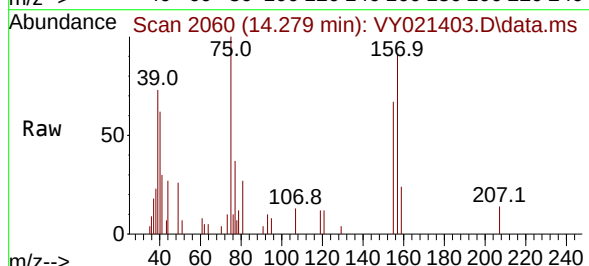
Manual Integrations
APPROVED

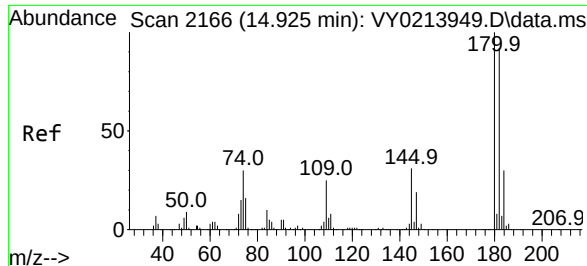
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.605 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 75 Resp: 1880
Ion Ratio Lower Upper
75 100
155 71.5 43.5 130.5
157 96.2 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 5.034 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

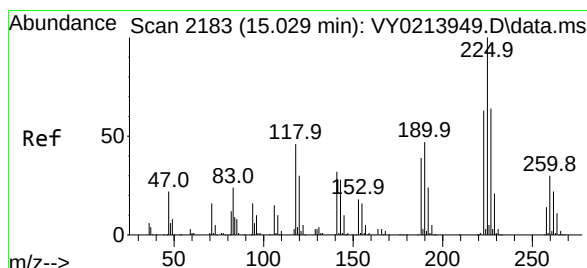
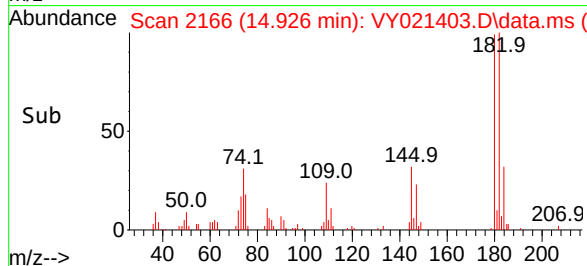
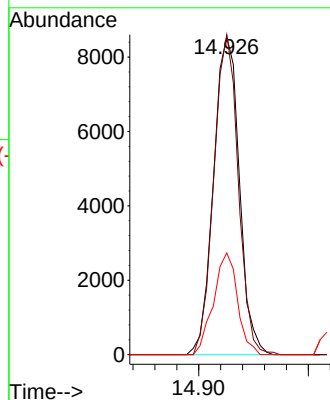
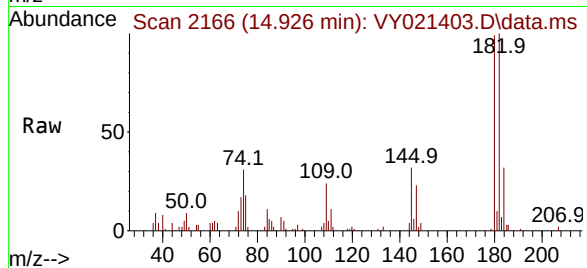
VSTDIC005

Tgt Ion:	180	Resp:	1392
Ion Ratio	Lower	Upper	
180	100		
182	95.3	46.7	140.0
145	29.9	15.6	46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#94

Hexachlorobutadiene

Concen: 5.393 ug/l

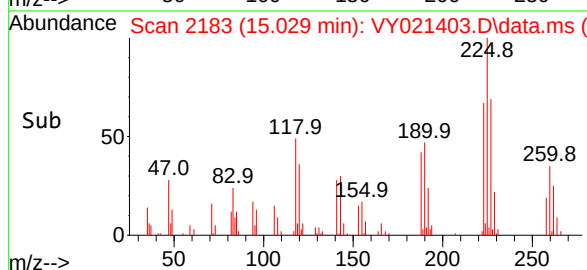
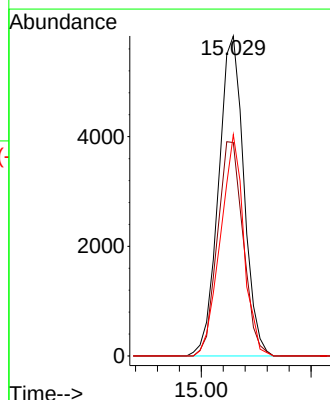
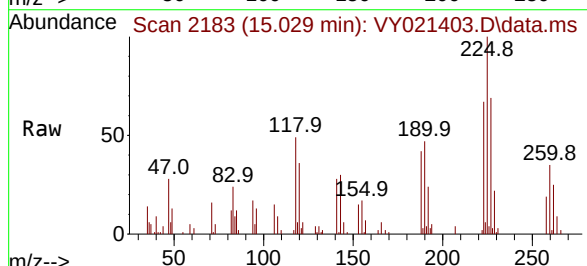
RT: 15.029 min Scan# 2183

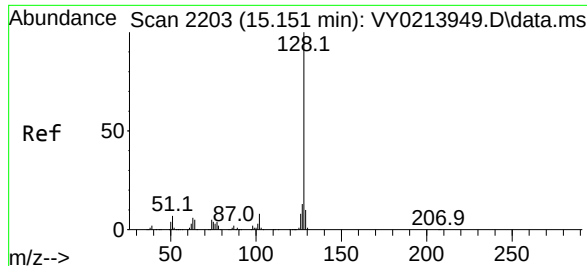
Delta R.T. 0.000 min

Lab File: VY021403.D

Acq: 04 Mar 2025 12:15

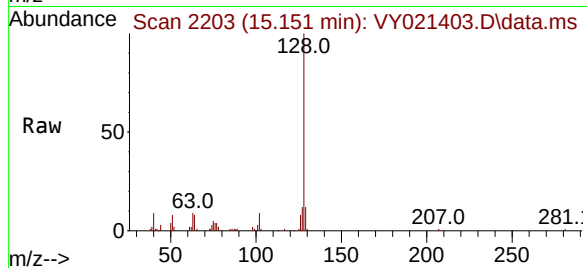
Tgt Ion:	225	Resp:	9351
Ion Ratio	Lower	Upper	
225	100		
223	68.0	31.4	94.2
227	63.8	31.8	95.4





#95
Naphthalene
Concen: 5.892 ug/l
RT: 15.151 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

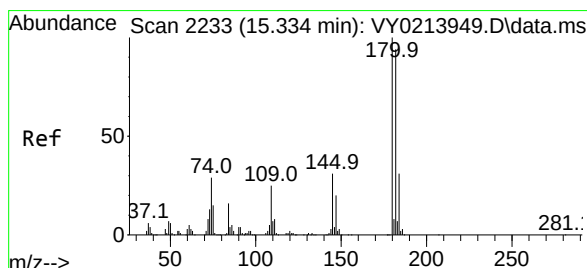
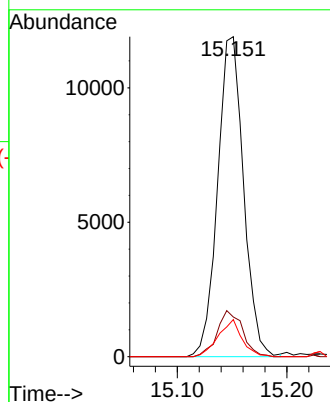
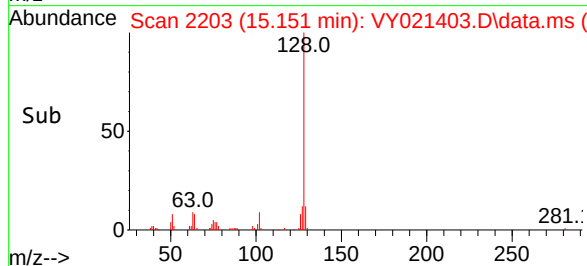
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 1955
Ion Ratio Lower Upper
128 100
127 14.1 10.6 15.8
129 10.6 8.6 13.0

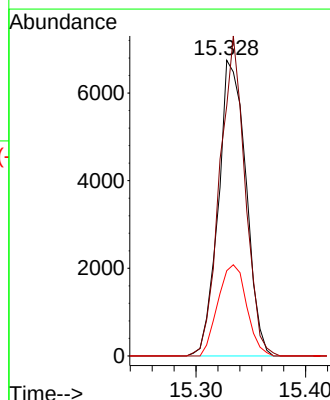
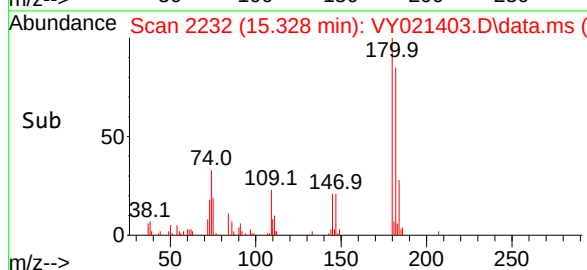
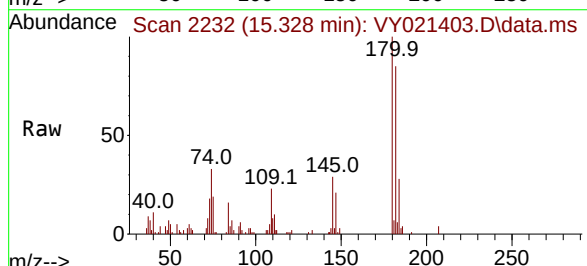
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 5.081 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021403.D
Acq: 04 Mar 2025 12:15

Tgt Ion:180 Resp: 11822
Ion Ratio Lower Upper
180 100
182 99.0 47.2 141.6
145 32.0 16.4 49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 04:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	227337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	353570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	304943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	150512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	119727	49.828	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.660%		
35) Dibromofluoromethane	7.640	113	118281	50.894	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.780%		
50) Toluene-d8	10.115	98	468697	53.263	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	106.520%		
62) 4-Bromofluorobenzene	12.414	95	154333	51.560	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	98287	47.113	ug/l	99
3) Chloromethane	2.074	50	144341	49.075	ug/l	99
4) Vinyl Chloride	2.214	62	161453	50.231	ug/l	97
5) Bromomethane	2.605	94	107517	46.283	ug/l	100
6) Chloroethane	2.745	64	103894	48.912	ug/l	98
7) Trichlorofluoromethane	3.068	101	219880	49.011	ug/l	99
8) Diethyl Ether	3.464	74	56729	45.628	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	123311	48.142	ug/l	99
10) Methyl Iodide	4.013	142	125851	48.336	ug/l	99
11) Tert butyl alcohol	4.866	59	33542	211.206	ug/l	96
12) 1,1-Dichloroethene	3.800	96	115418	49.424	ug/l	97
13) Acrolein	3.659	56	5504	45.035	ug/l	89
14) Allyl chloride	4.397	41	190579	50.500	ug/l	99
15) Acrylonitrile	5.068	53	115490	218.213	ug/l	99
16) Acetone	3.873	43	126338	241.068	ug/l	94
17) Carbon Disulfide	4.117	76	369324	50.464	ug/l	99
18) Methyl Acetate	4.391	43	51747	44.501	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	267823	45.249	ug/l	100
20) Methylene Chloride	4.623	84	120803	43.913	ug/l	99
21) trans-1,2-Dichloroethene	5.129	96	125702	48.065	ug/l	99
22) Diisopropyl ether	6.031	45	393029	48.325	ug/l	96
23) Vinyl Acetate	5.970	43	1084996	233.756	ug/l	99
24) 1,1-Dichloroethane	5.927	63	231573	48.243	ug/l	99
25) 2-Butanone	6.903	43	161045	222.145	ug/l	99
26) 2,2-Dichloropropane	6.896	77	214717	48.615	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	144113	48.506	ug/l	100
28) Bromochloromethane	7.256	49	113096	56.200	ug/l	98
29) Tetrahydrofuran	7.268	42	95855	214.177	ug/l	99
30) Chloroform	7.427	83	238047	47.758	ug/l	95
31) Cyclohexane	7.707	56	214745	47.720	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	222274	48.703	ug/l	100
36) 1,1-Dichloropropene	7.841	75	177770	48.866	ug/l	99
37) Ethyl Acetate	6.994	43	69266	43.078	ug/l	99
38) Carbon Tetrachloride	7.823	117	204174	48.800	ug/l	98
39) Methylcyclohexane	9.116	83	230810	51.724	ug/l	98
40) Benzene	8.085	78	520202	48.542	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 04:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	45456m	51.920	ug/l	
42) 1,2-Dichloroethane	8.165	62	136088	45.393	ug/l	99
43) Isopropyl Acetate	8.201	43	134330	43.036	ug/l	99
44) Trichloroethene	8.872	130	130855	48.321	ug/l	99
45) 1,2-Dichloropropane	9.146	63	120606	47.287	ug/l	98
46) Dibromomethane	9.238	93	64447	45.413	ug/l	99
47) Bromodichloromethane	9.433	83	176210	46.755	ug/l	99
48) Methyl methacrylate	9.225	41	65433	45.652	ug/l	98
49) 1,4-Dioxane	9.238	88	12183	874.634	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	349128	216.781	ug/l	100
52) Toluene	10.176	92	334342	49.486	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	157093	47.312	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	190151	48.236	ug/l	100
55) 1,1,2-Trichloroethane	10.579	97	83139	44.786	ug/l	98
56) Ethyl methacrylate	10.445	69	109629	46.305	ug/l	98
57) 1,3-Dichloropropane	10.725	76	148349	46.108	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	270898	247.869	ug/l	99
59) 2-Hexanone	10.768	43	238913	224.350	ug/l	100
60) Dibromochloromethane	10.914	129	117776	46.278	ug/l	99
61) 1,2-Dibromoethane	11.024	107	80473	45.932	ug/l	98
64) Tetrachloroethene	10.652	164	122018	49.207	ug/l	98
65) Chlorobenzene	11.451	112	350050	48.611	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	122471	48.104	ug/l	99
67) Ethyl Benzene	11.524	91	641534	50.757	ug/l	100
68) m/p-Xylenes	11.633	106	483835	100.830	ug/l	98
69) o-Xylene	11.963	106	225974	51.096	ug/l	99
70) Styrene	11.975	104	369770	50.400	ug/l	100
71) Bromoform	12.139	173	65305	45.886	ug/l #	100
73) Isopropylbenzene	12.261	105	618726	52.186	ug/l	100
74) N-amyl acetate	12.079	43	117390	45.591	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	92237	44.086	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	68229m	44.986	ug/l	
77) Bromobenzene	12.536	156	133678	48.194	ug/l	99
78) n-propylbenzene	12.603	91	752110	52.233	ug/l	100
79) 2-Chlorotoluene	12.688	91	415988	50.525	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	502113	52.113	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	30408	45.578	ug/l	98
82) 4-Chlorotoluene	12.786	91	427326	50.122	ug/l	100
83) tert-Butylbenzene	13.005	119	456314	53.088	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	492767	51.510	ug/l	100
85) sec-Butylbenzene	13.182	105	676621	52.908	ug/l	100
86) p-Isopropyltoluene	13.298	119	553730	52.556	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	269044	48.728	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	260977	48.331	ug/l	99
89) n-Butylbenzene	13.621	91	521532	53.606	ug/l	99
90) Hexachloroethane	13.889	117	112571	50.084	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	227078	47.985	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	13368	42.654	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	127655	49.388	ug/l	98
94) Hexachlorobutadiene	15.029	225	84554	52.186	ug/l	98
95) Naphthalene	15.151	128	196345	45.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	105737	48.639	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021404.D
Acq On : 04 Mar 2025 13:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 05 04:18:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 03:21:56 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\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

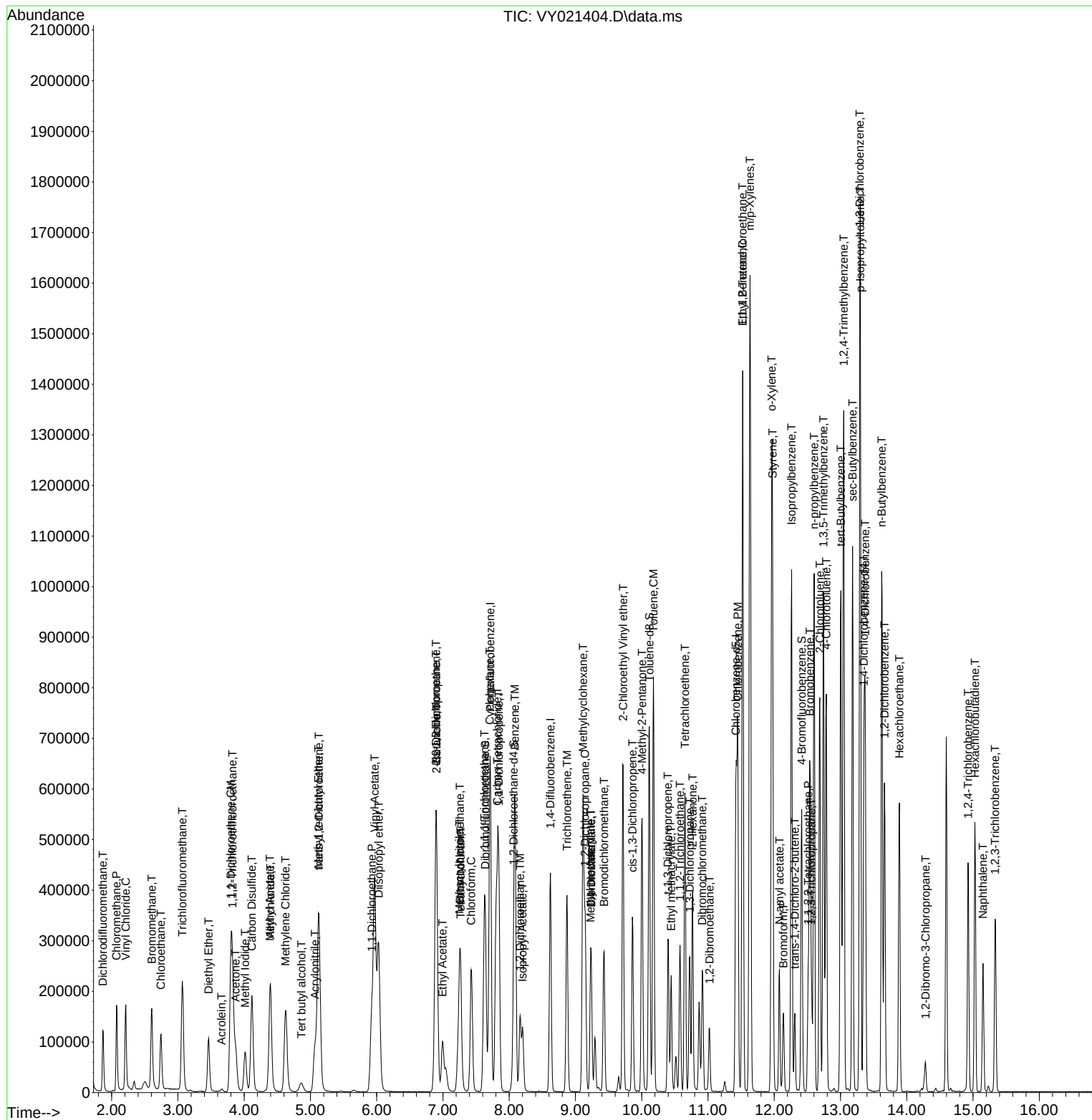
Quant Time: Mar 05 04:18:40 2025

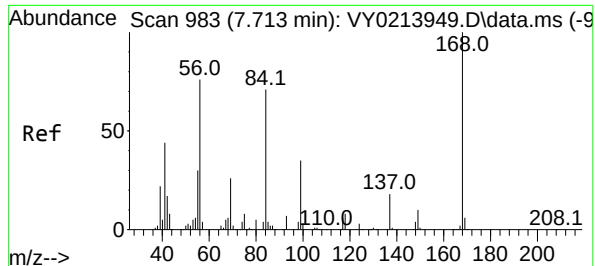
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M

Quant Title : SW846 8260

QLast Update : Wed Mar 05 03:21:56 2025

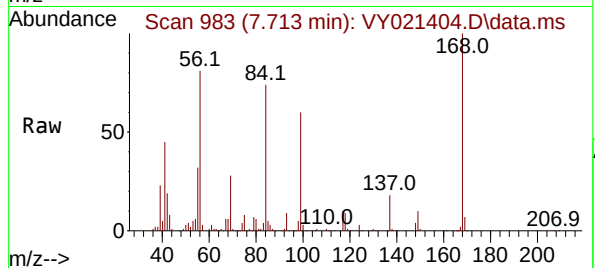
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

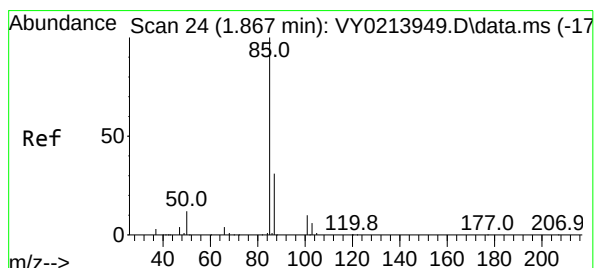
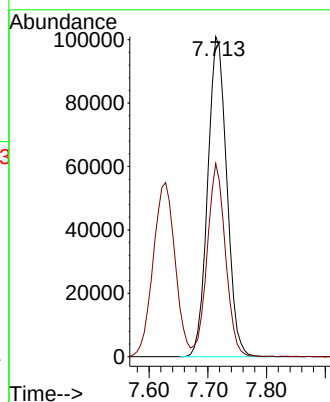
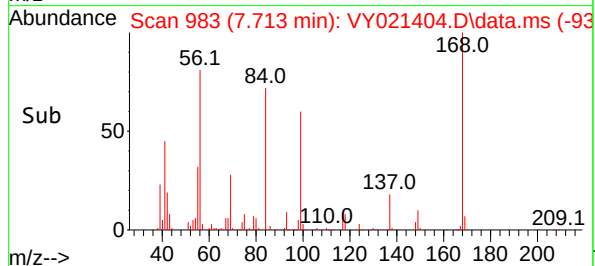
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 168 Resp: 22733
Ion Ratio Lower Upper
168 100
99 60.2 46.0 69.0

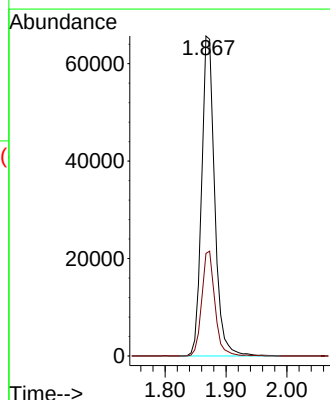
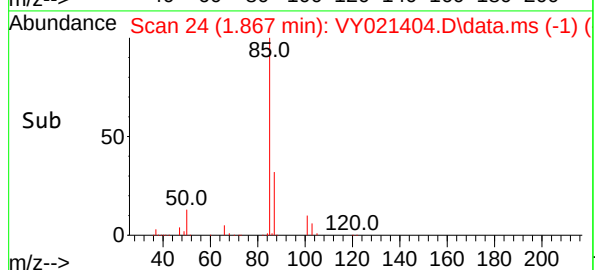
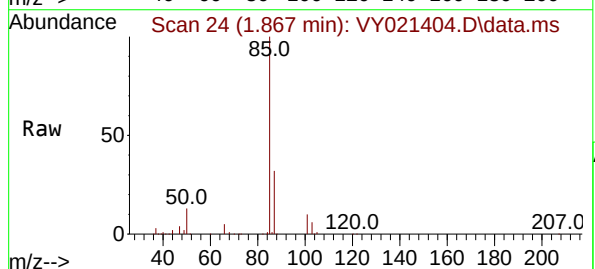
Manual Integrations
APPROVED

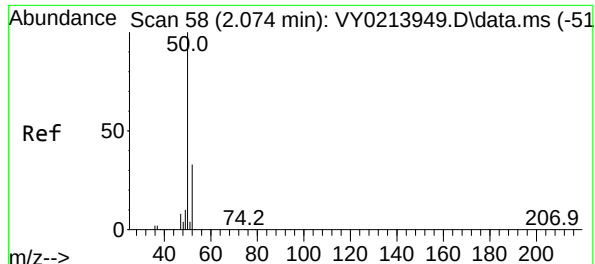
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#2
Dichlorodifluoromethane
Concen: 47.113 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

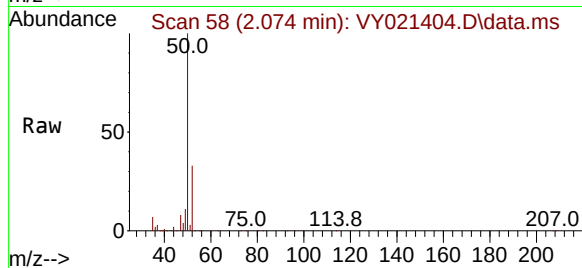
Tgt Ion: 85 Resp: 98287
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0





#3
Chloromethane
Concen: 49.075 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

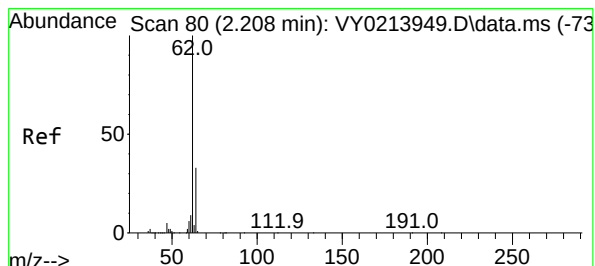
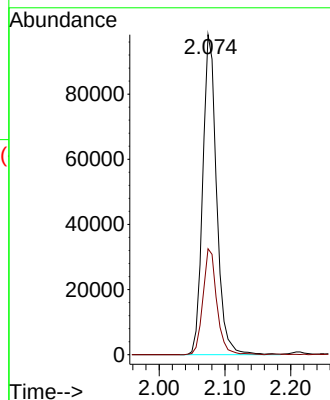
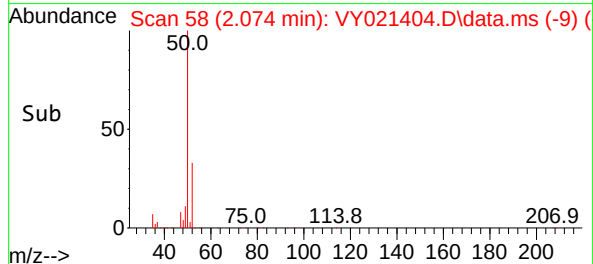
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425



Tgt Ion: 50 Resp: 14434
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2

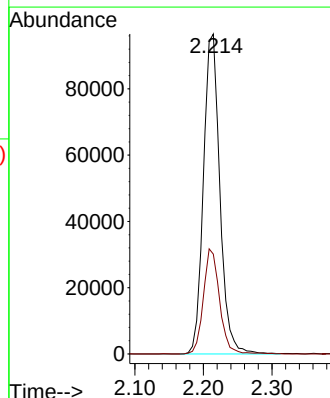
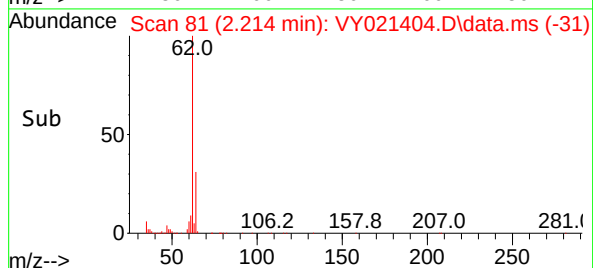
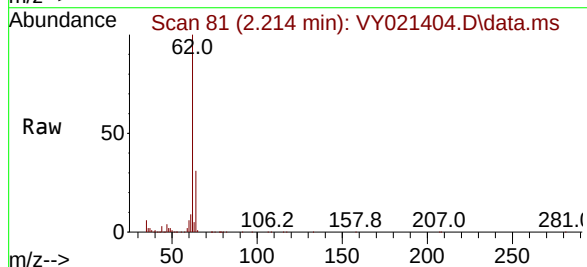
Manual Integrations
APPROVED

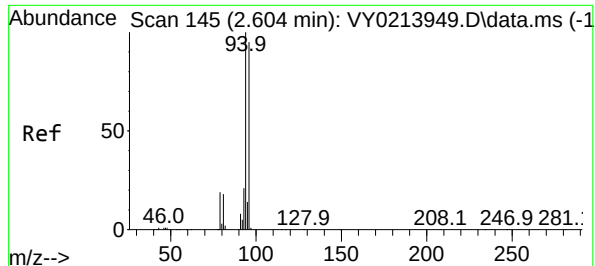
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#4
Vinyl Chloride
Concen: 50.231 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

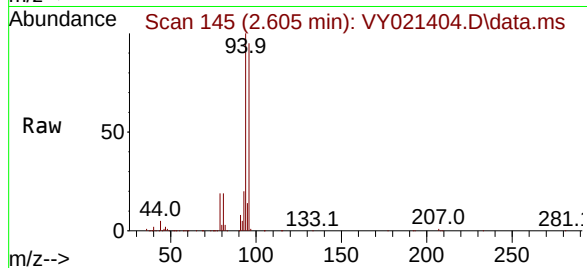
Tgt Ion: 62 Resp: 161453
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.2





#5
Bromomethane
Concen: 46.283 ug/l
RT: 2.605 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

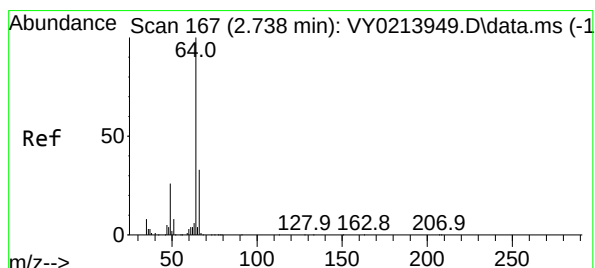
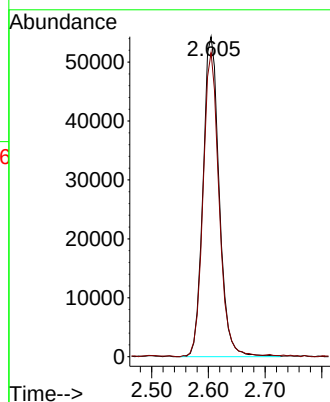
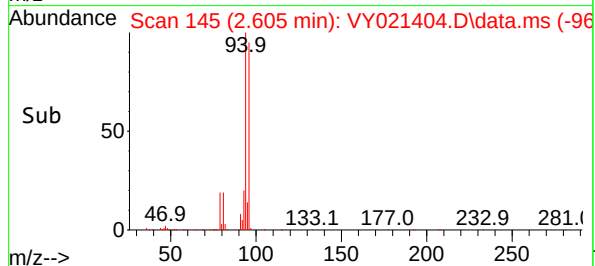
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



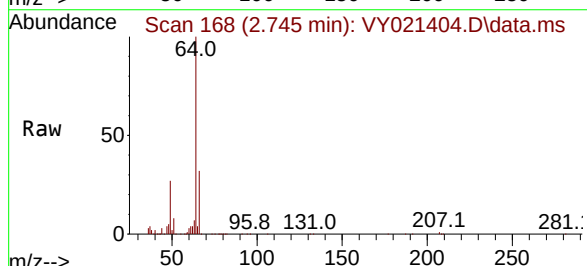
Tgt Ion: 94 Resp: 10751
Ion Ratio Lower Upper
94 100
96 95.1 76.3 114.5

Manual Integrations
APPROVED

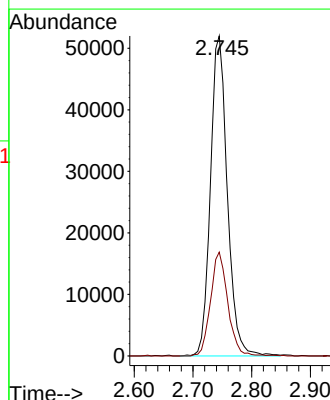
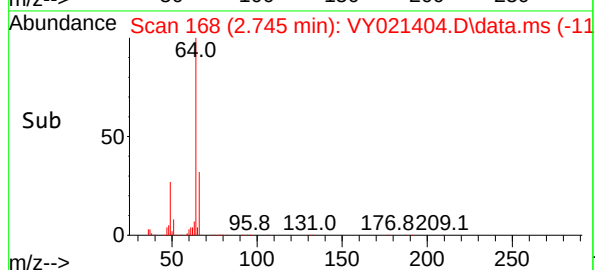
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

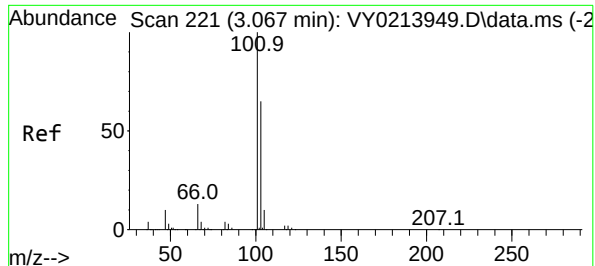


#6
Chloroethane
Concen: 48.912 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12



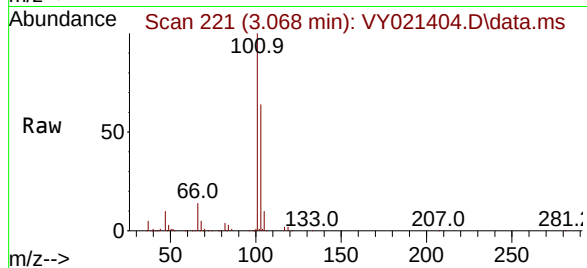
Tgt Ion: 64 Resp: 103894
Ion Ratio Lower Upper
64 100
66 32.4 26.7 40.1





#7
Trichlorofluoromethane
Concen: 49.011 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

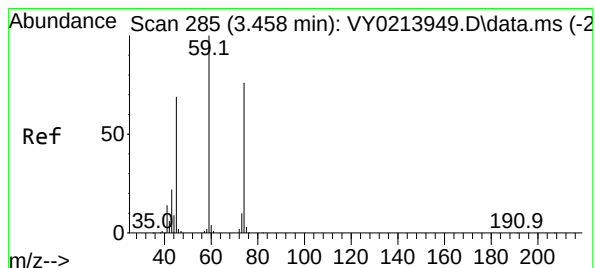
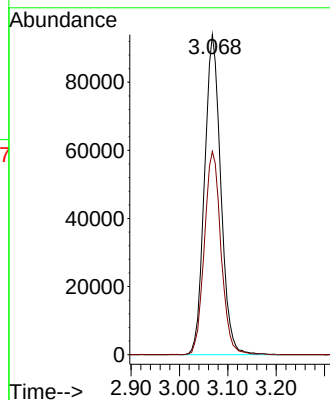
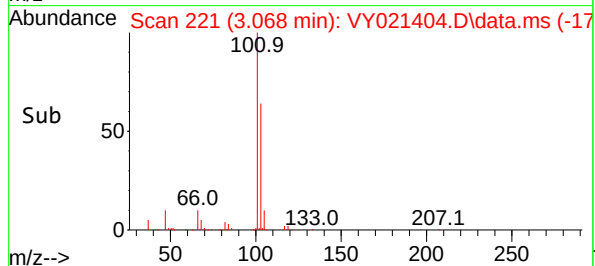
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425



Tgt Ion:101 Resp: 219880
Ion Ratio Lower Upper
101 100
103 63.5 51.7 77.5

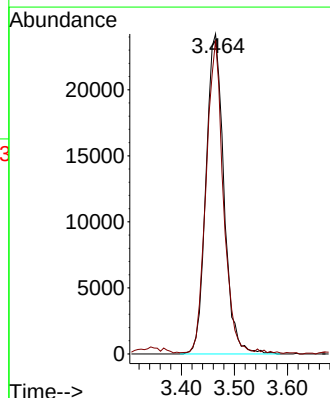
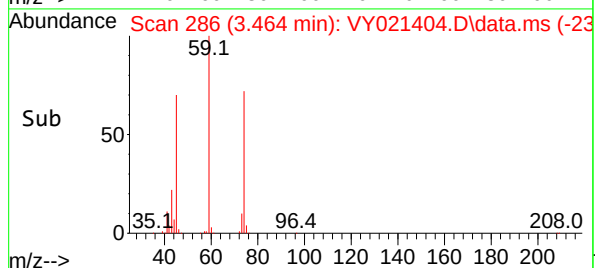
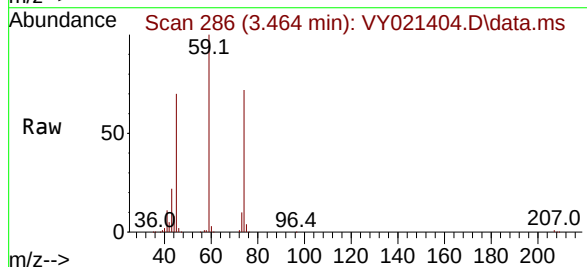
Manual Integrations
APPROVED

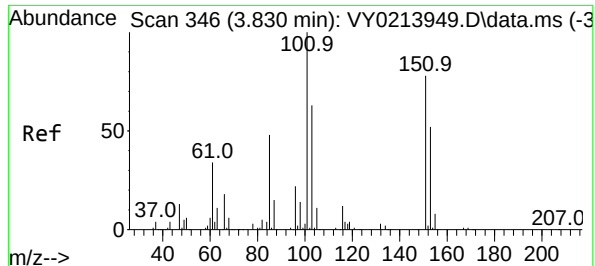
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#8
Diethyl Ether
Concen: 45.628 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 74 Resp: 56729
Ion Ratio Lower Upper
74 100
45 93.0 49.7 149.1





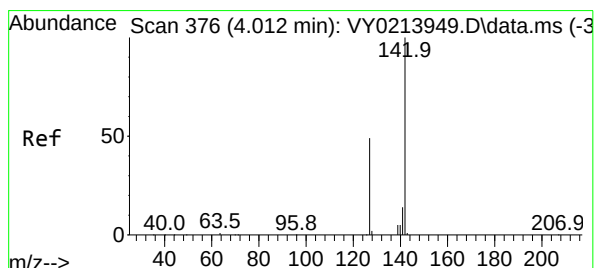
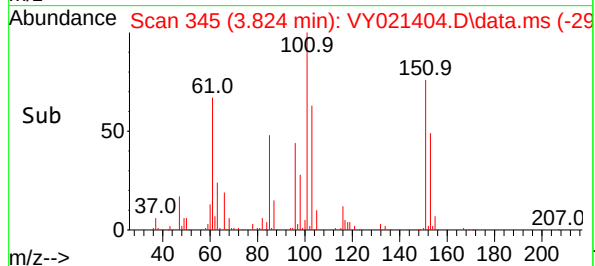
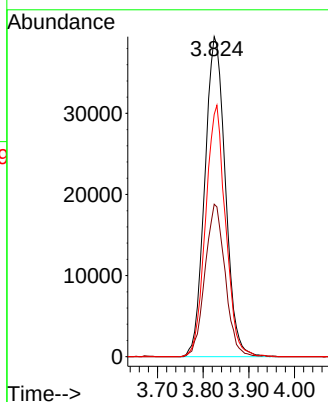
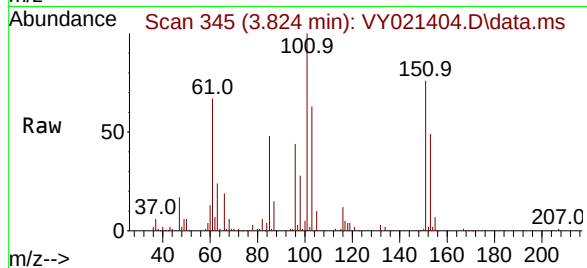
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.142 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

Tgt Ion:101 Resp: 12331
Ion Ratio Lower Upper
101 100
85 47.0 37.1 55.7
151 76.2 62.1 93.1

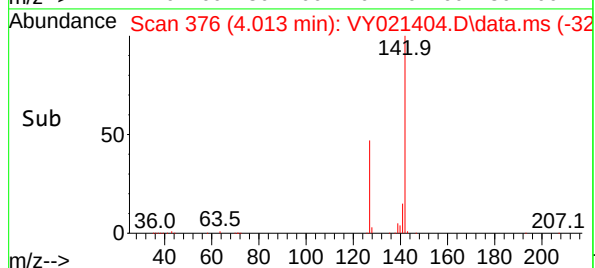
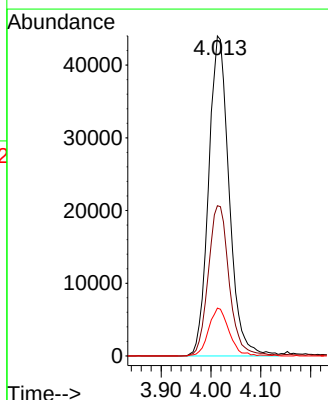
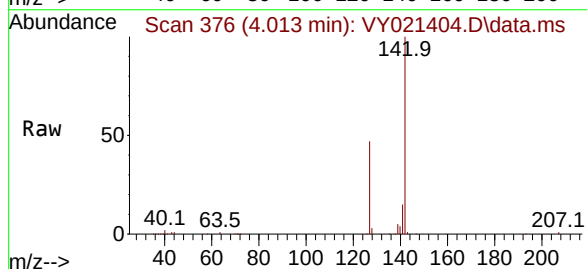
Manual Integrations
APPROVED

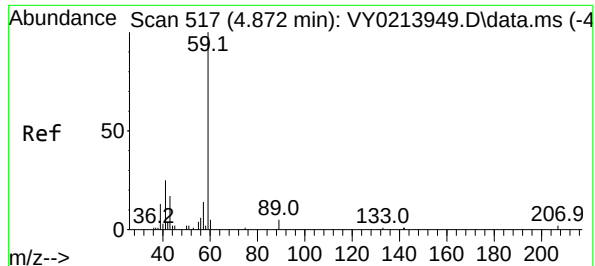
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#10
Methyl Iodide
Concen: 48.336 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion:142 Resp: 125851
Ion Ratio Lower Upper
142 100
127 48.0 39.1 58.7
141 14.9 11.8 17.6





#11

Tert butyl alcohol

Concen: 211.206 ug/l

RT: 4.866 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 59 Resp: 3354

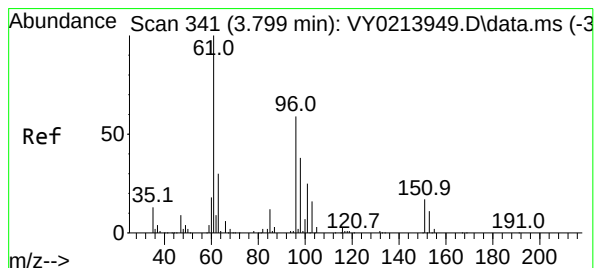
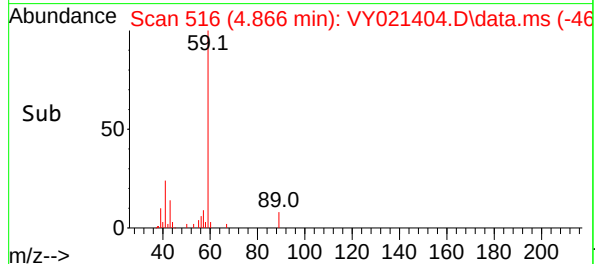
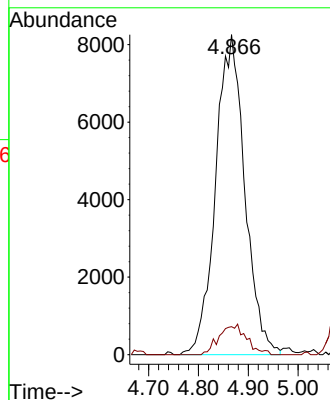
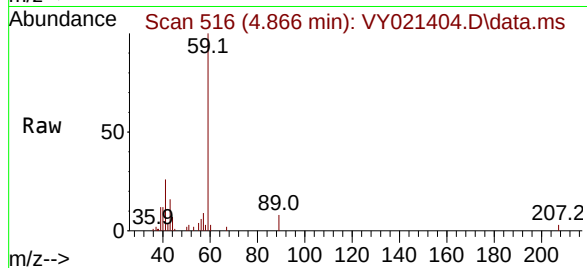
Ion Ratio Lower Upper

59 100

57 8.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#12

1,1-Dichloroethene

Concen: 49.424 ug/l

RT: 3.800 min Scan# 341

Delta R.T. 0.001 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

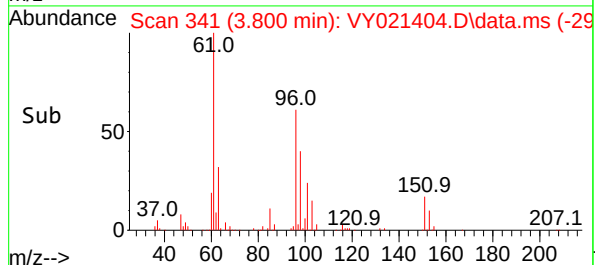
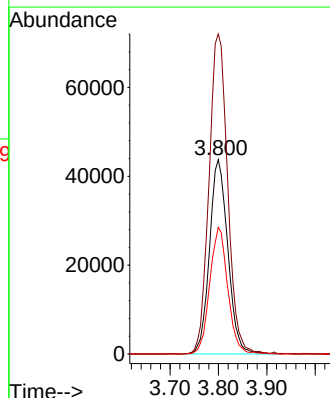
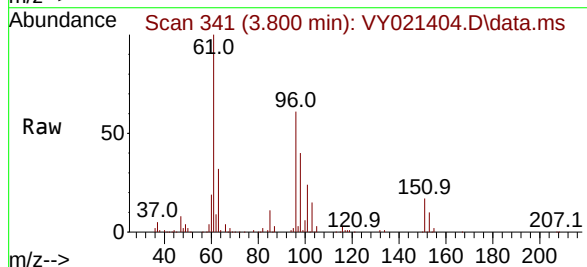
Tgt Ion: 96 Resp: 115418

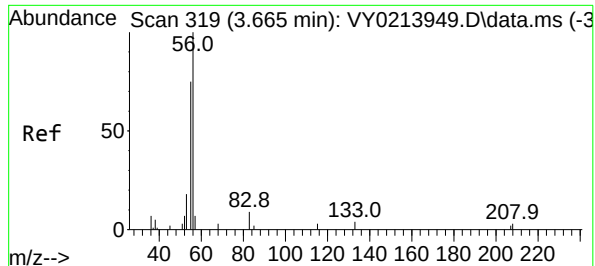
Ion Ratio Lower Upper

96 100

61 164.6 135.2 202.8

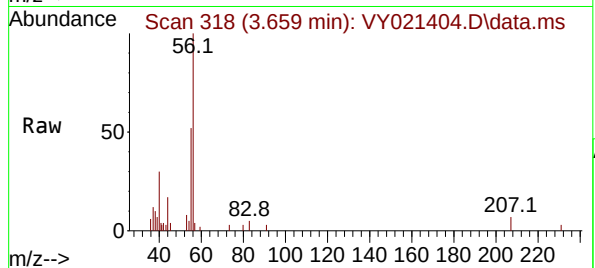
98 65.1 51.4 77.2





#13
Acrolein
Concen: 45.035 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

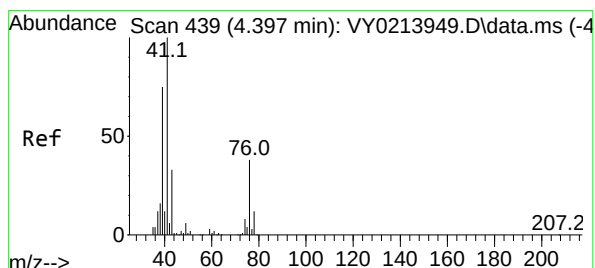
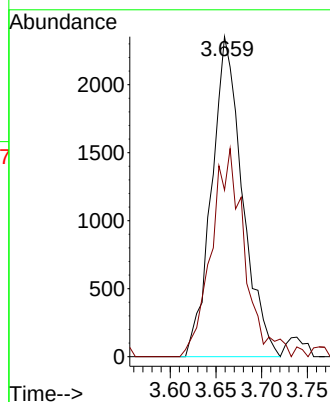
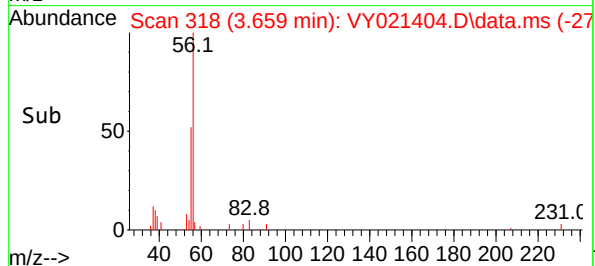
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425



Tgt Ion: 56 Resp: 5504
Ion Ratio Lower Upper
56 100
55 69.9 63.4 95.2

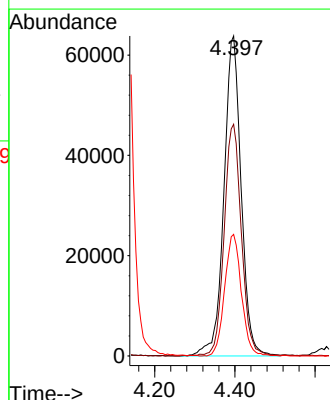
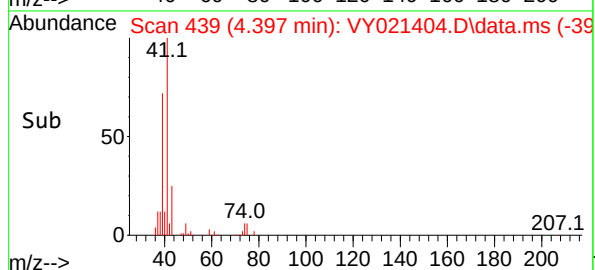
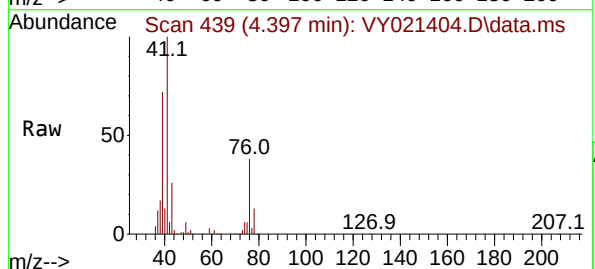
Manual Integrations
APPROVED

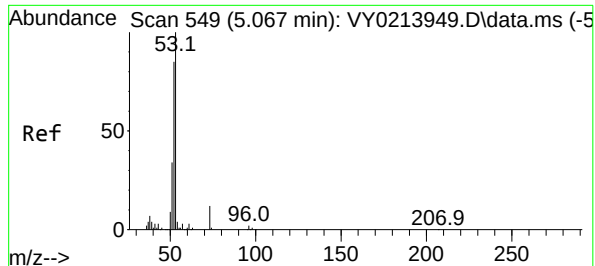
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#14
Allyl chloride
Concen: 50.500 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 41 Resp: 190579
Ion Ratio Lower Upper
41 100
39 72.5 59.3 88.9
76 37.0 29.8 44.8





#15

Acrylonitrile

Concen: 218.213 ug/l

RT: 5.068 min Scan# 549

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Tgt Ion: 53 Resp: 115490

Ion Ratio Lower Upper

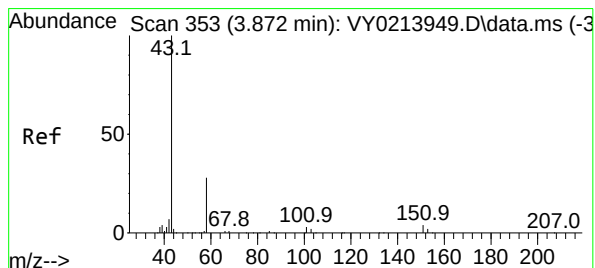
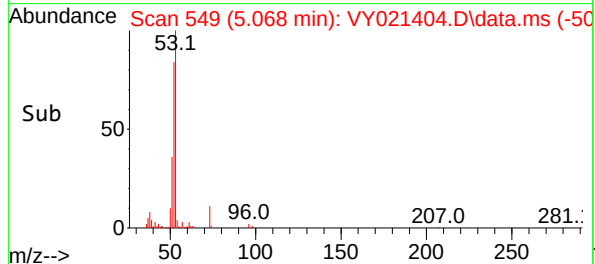
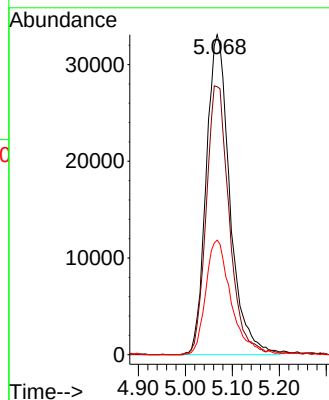
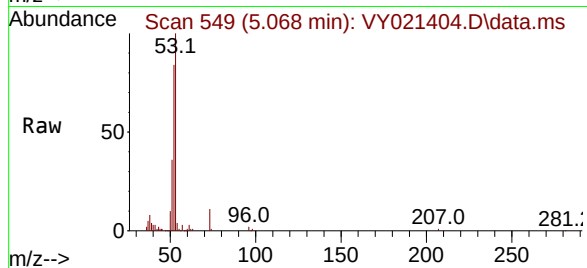
53 100

52 81.7 66.3 99.5

51 38.4 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#16

Acetone

Concen: 241.068 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY021404.D

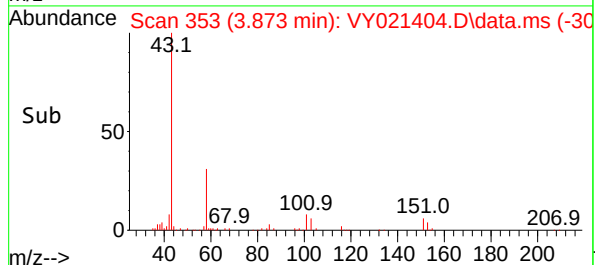
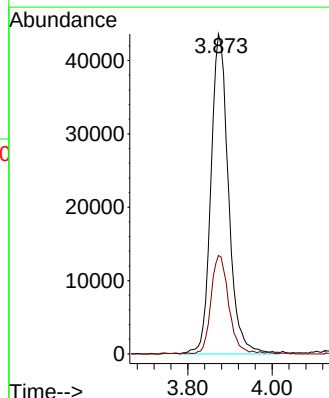
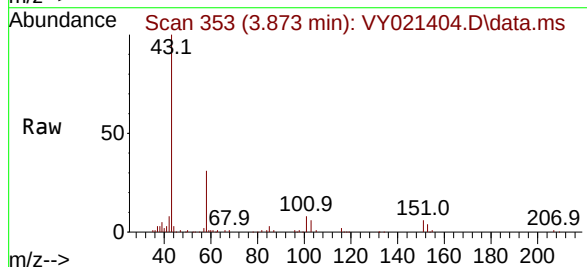
Acq: 04 Mar 2025 13:12

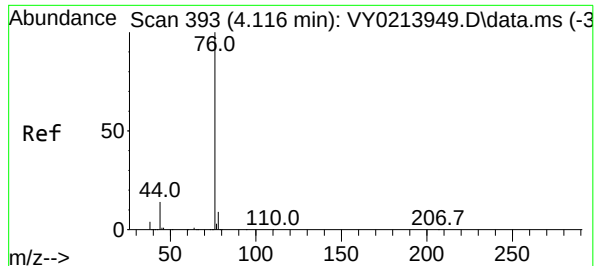
Tgt Ion: 43 Resp: 126338

Ion Ratio Lower Upper

43 100

58 30.7 22.1 33.1





#17

Carbon Disulfide

Concen: 50.464 ug/l

RT: 4.117 min Scan# 393

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Tgt Ion: 76 Resp: 369324

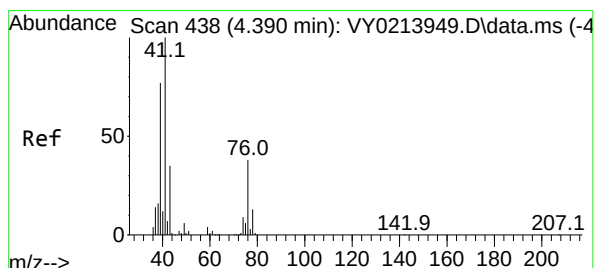
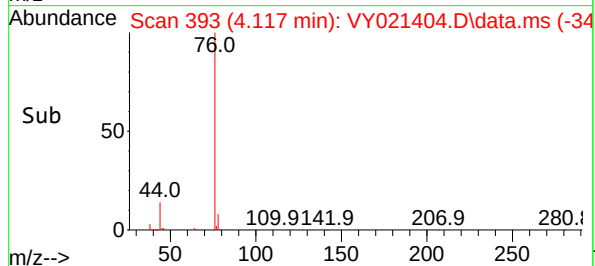
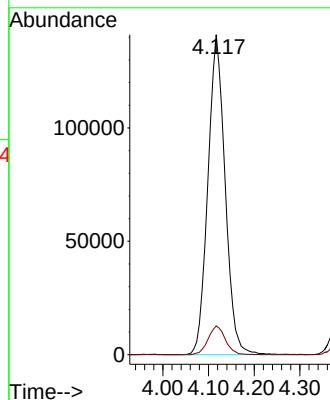
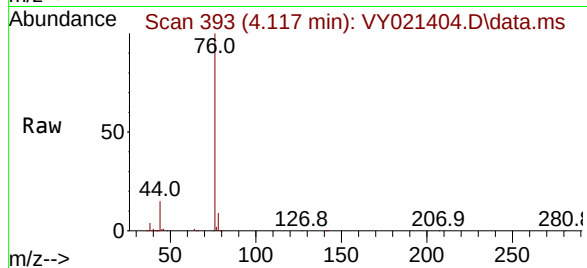
Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#18

Methyl Acetate

Concen: 44.501 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY021404.D

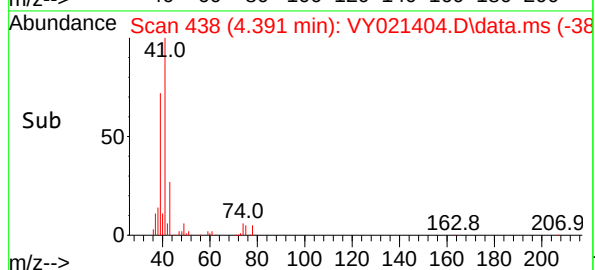
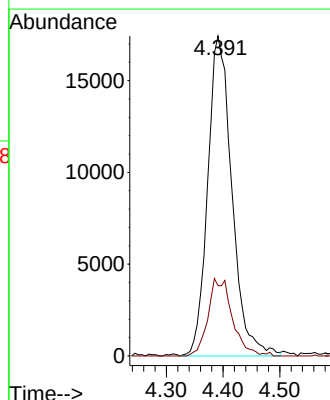
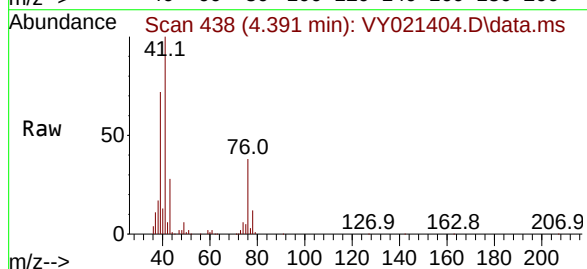
Acq: 04 Mar 2025 13:12

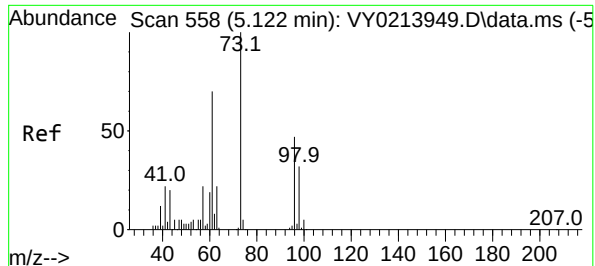
Tgt Ion: 43 Resp: 51747

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 45.249 ug/l

RT: 5.122 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Tgt Ion: 73 Resp: 26782

Ion Ratio Lower Upper

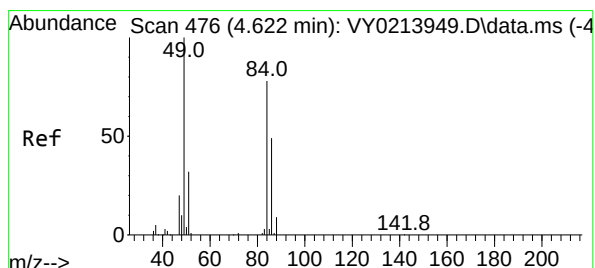
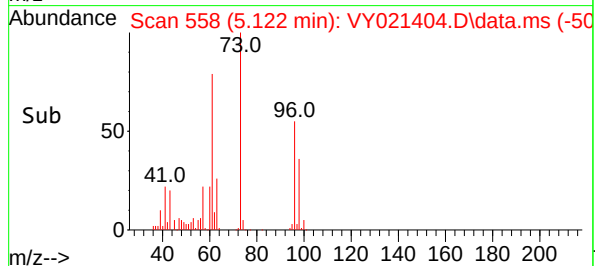
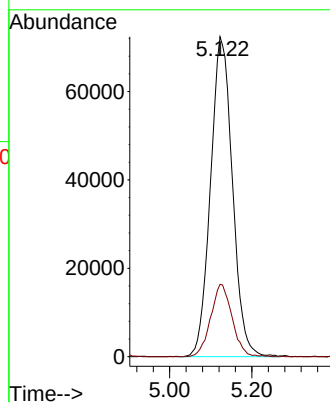
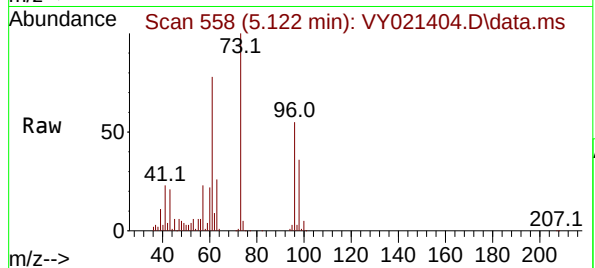
73 100

57 22.6 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#20

Methylene Chloride

Concen: 43.913 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion: 84 Resp: 120803

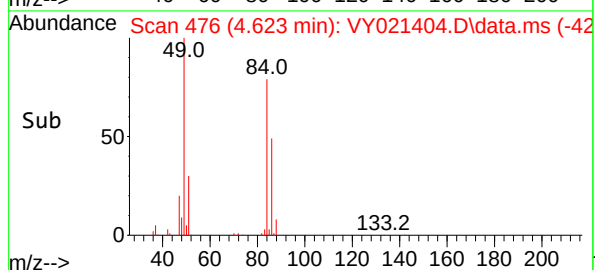
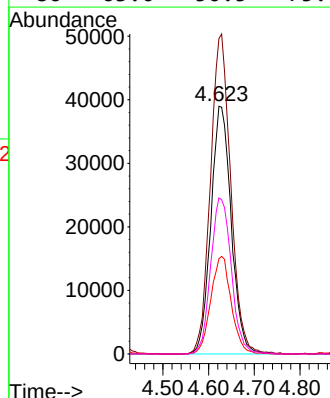
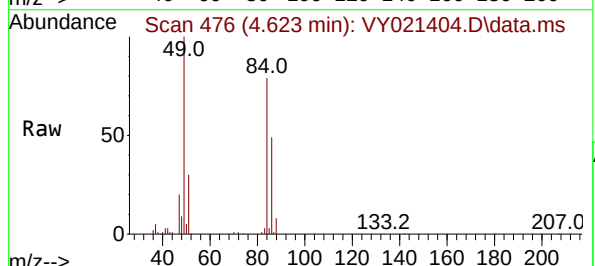
Ion Ratio Lower Upper

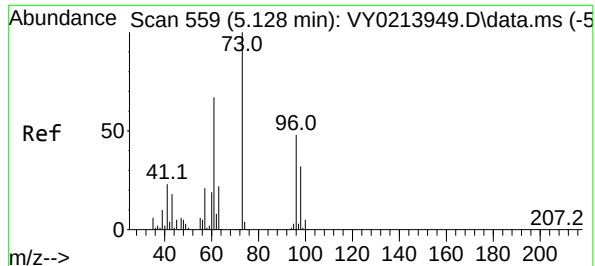
84 100

49 127.3 102.0 153.0

51 38.4 33.0 49.6

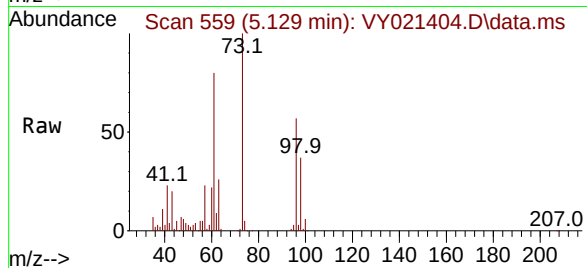
86 63.0 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 48.065 ug/l
RT: 5.129 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

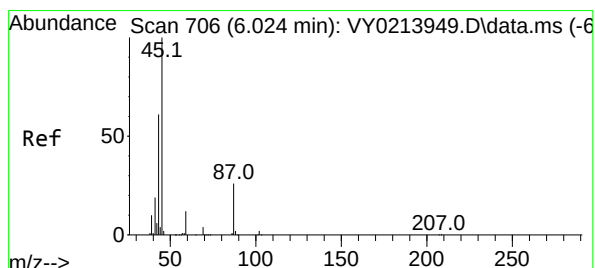
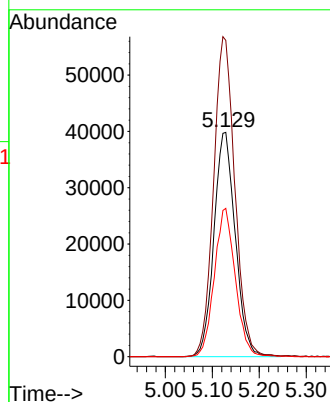
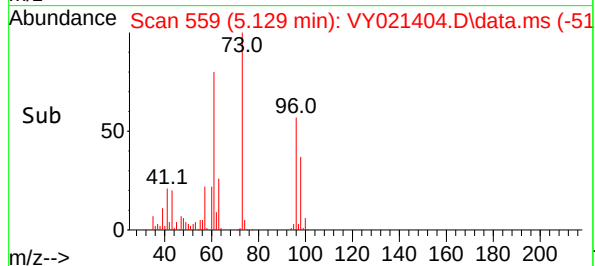
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 96 Resp: 125702
Ion Ratio Lower Upper
96 100
61 140.9 111.5 167.3
98 66.1 53.8 80.8

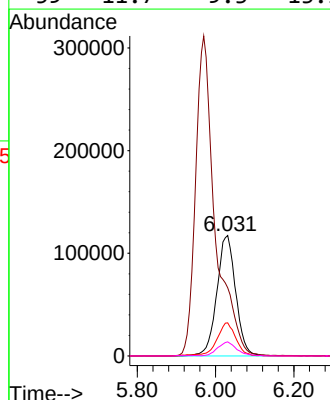
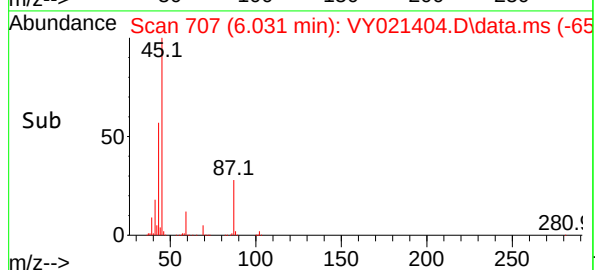
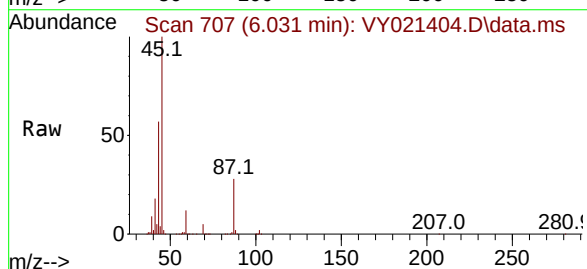
Manual Integrations
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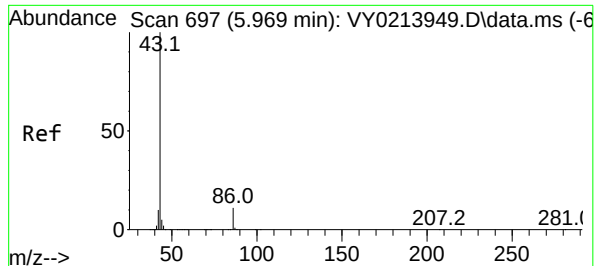
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#22
Diisopropyl ether
Concen: 48.325 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 45 Resp: 393029
Ion Ratio Lower Upper
45 100
43 56.2 48.7 73.1
87 27.5 21.5 32.3
59 11.7 9.3 13.9





#23

Vinyl Acetate

Concen: 233.756 ug/l

RT: 5.970 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 43 Resp: 1084990

Ion Ratio Lower Upper

43

100

86

10.2

8.5

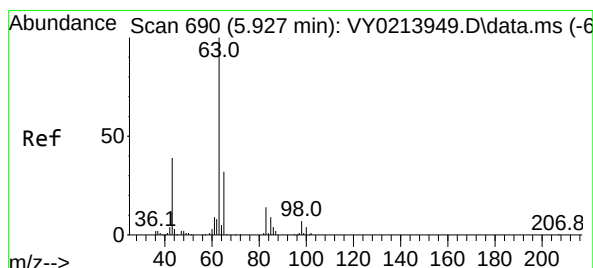
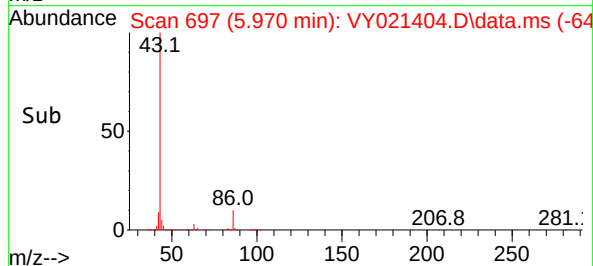
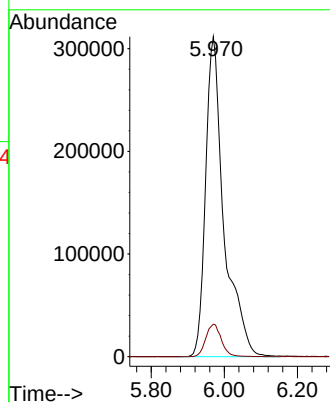
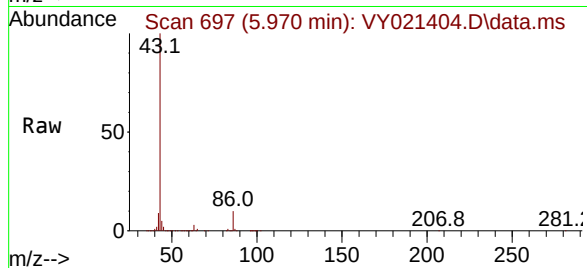
12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#24

1,1-Dichloroethane

Concen: 48.243 ug/l

RT: 5.927 min Scan# 690

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion: 63 Resp: 231573

Ion Ratio Lower Upper

63

100

98

7.0

3.3

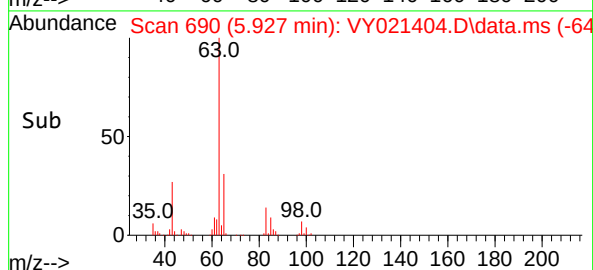
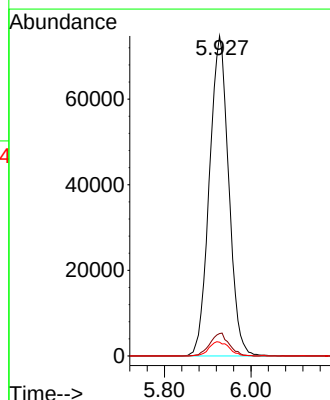
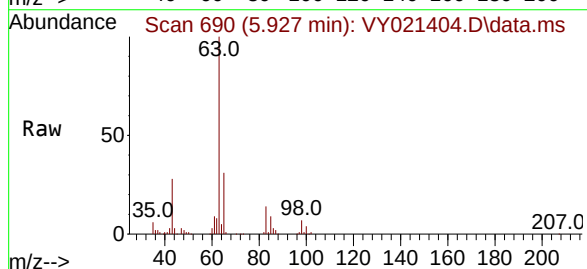
9.9

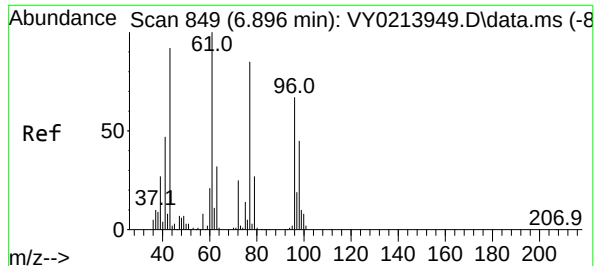
100

4.3

2.1

6.5





#25

2-Butanone

Concen: 222.145 ug/l

RT: 6.903 min Scan# 810

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 43 Resp: 16104

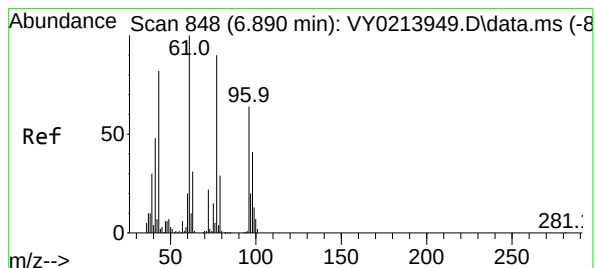
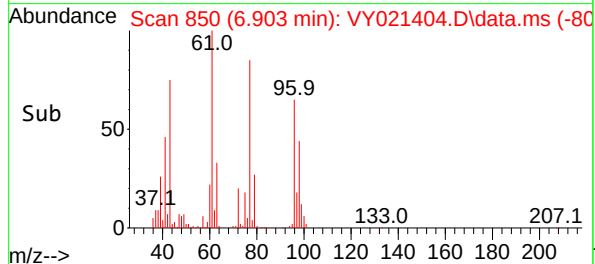
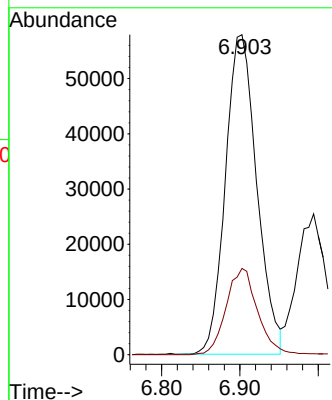
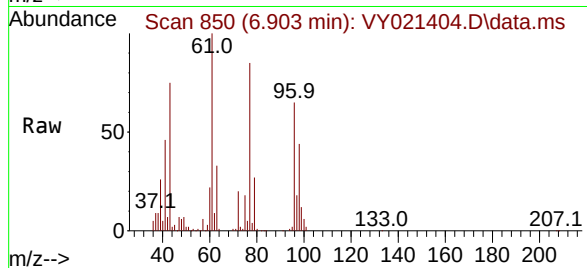
Ion Ratio Lower Upper

43 100

72 27.0 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#26

2,2-Dichloropropane

Concen: 48.615 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.007 min

Lab File: VY021404.D

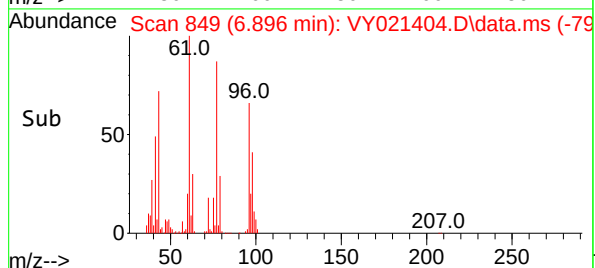
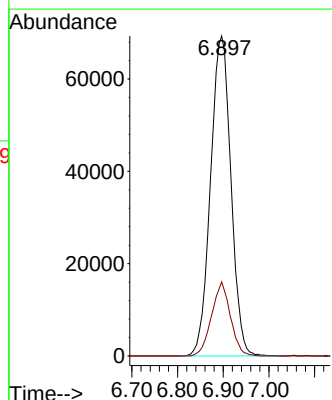
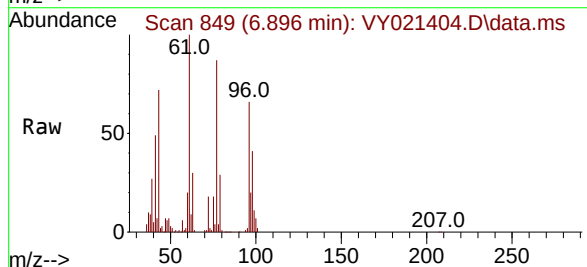
Acq: 04 Mar 2025 13:12

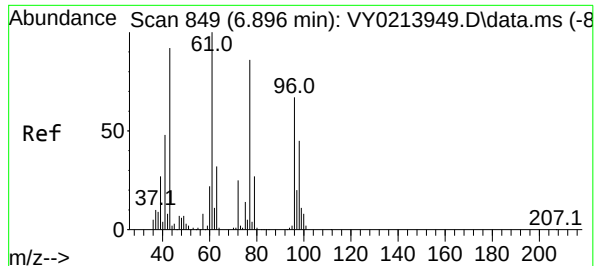
Tgt Ion: 77 Resp: 214717

Ion Ratio Lower Upper

77 100

97 21.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 48.506 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

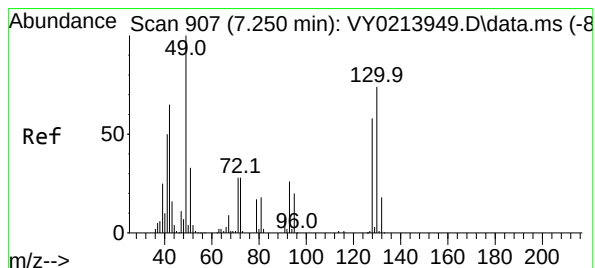
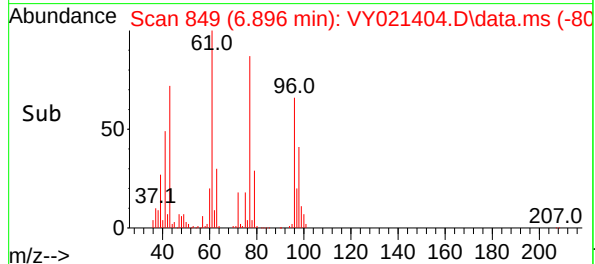
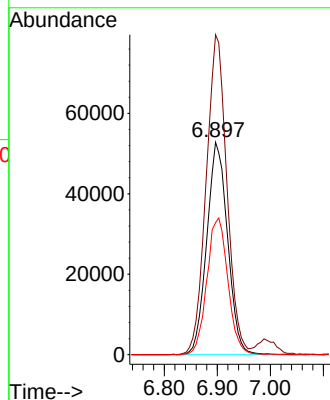
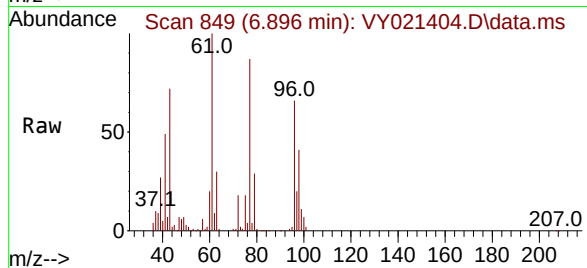
ICVY030425

Tgt Ion: 96	Resp: 14411
Ion Ratio	Lower Upper
96	100
61	149.9 0.0 300.8
98	64.9 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#28

Bromochloromethane

Concen: 56.200 ug/l

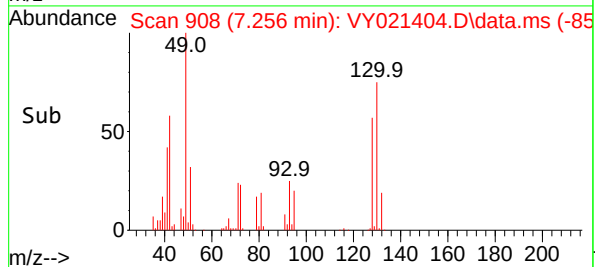
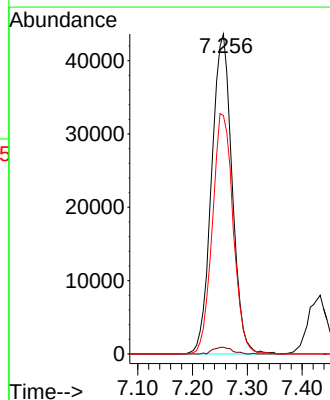
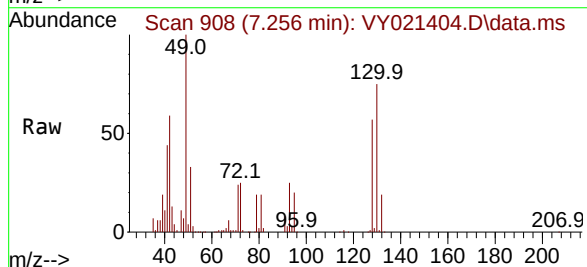
RT: 7.256 min Scan# 908

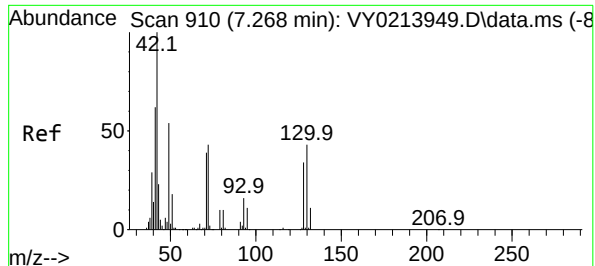
Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion: 49	Resp: 113096
Ion Ratio	Lower Upper
49	100
129	2.0 0.0 4.2
130	76.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 214.177 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 42 Resp: 9585

Ion Ratio Lower Upper

42 100

72 43.8 34.8 52.2

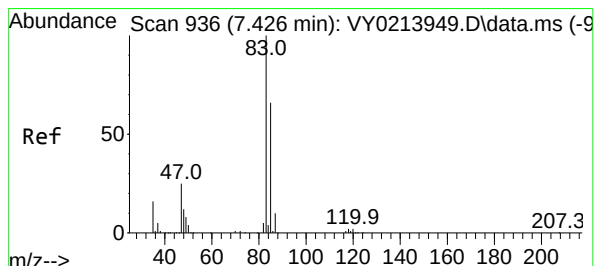
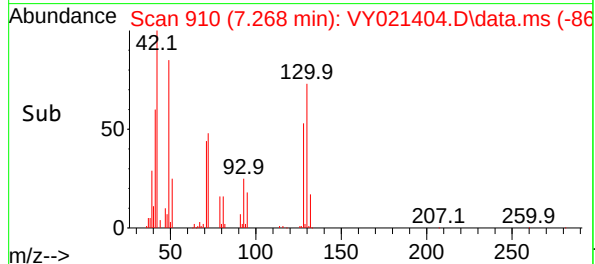
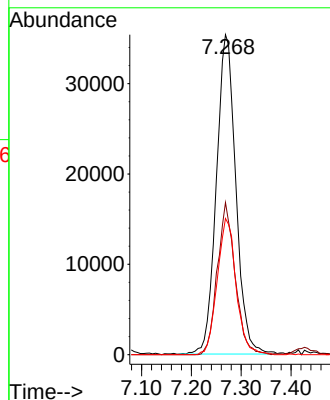
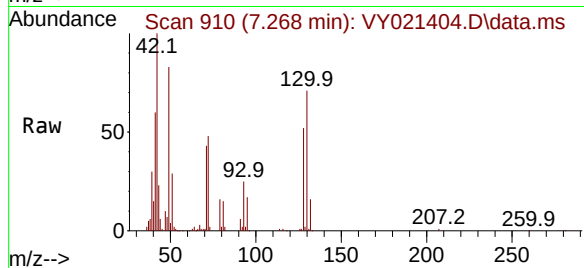
71 41.4 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025

Supervised By :Semsettin Yesilyurt 03/06/2025



#30

Chloroform

Concen: 47.758 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021404.D

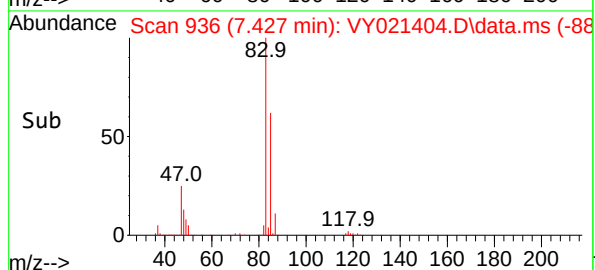
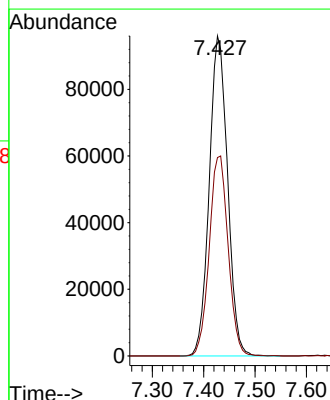
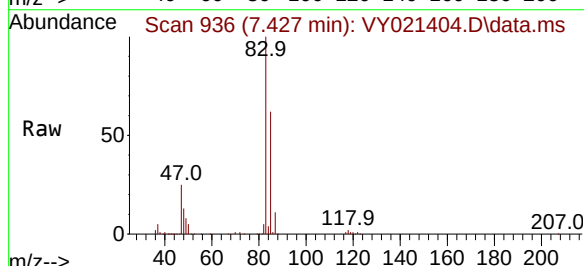
Acq: 04 Mar 2025 13:12

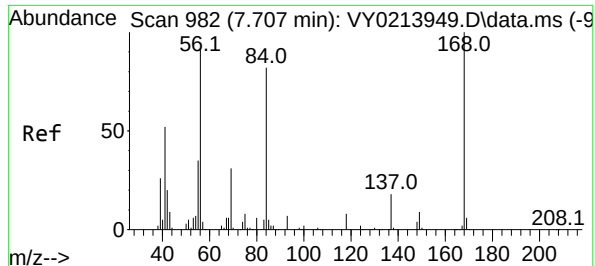
Tgt Ion: 83 Resp: 238047

Ion Ratio Lower Upper

83 100

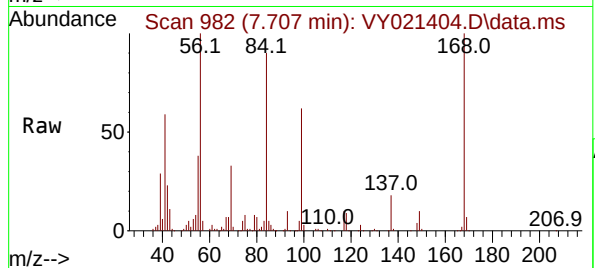
85 62.0 53.1 79.7





#31
Cyclohexane
Concen: 47.720 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

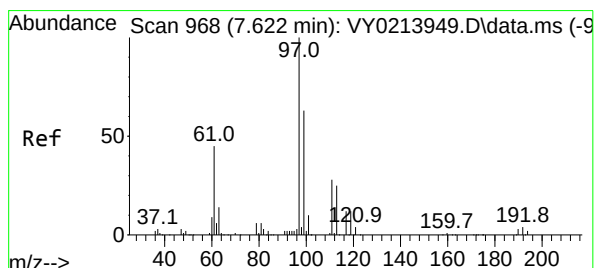
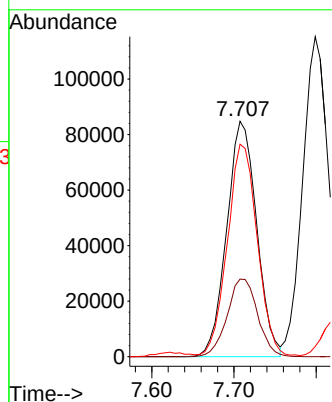
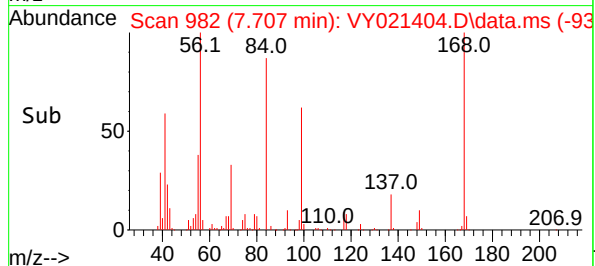
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425



Tgt Ion: 56 Resp: 214745
Ion Ratio Lower Upper
56 100
69 33.0 27.0 40.4
84 88.6 71.1 106.7

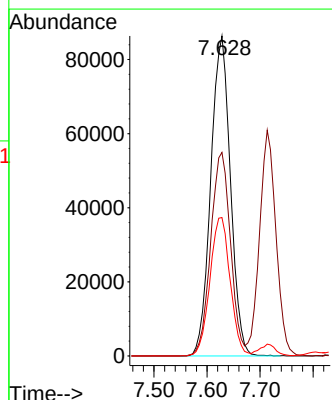
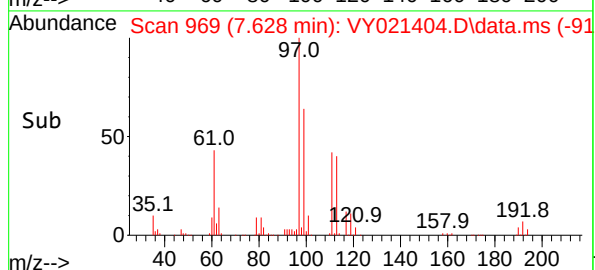
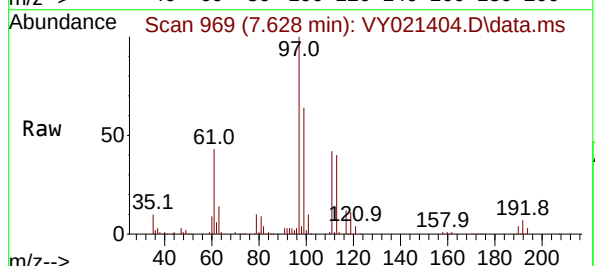
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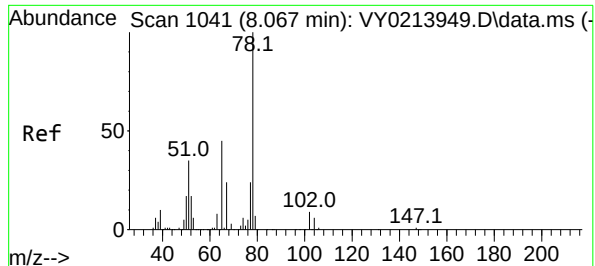
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#32
1,1,1-Trichloroethane
Concen: 48.703 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 97 Resp: 222274
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 44.6 35.7 53.5





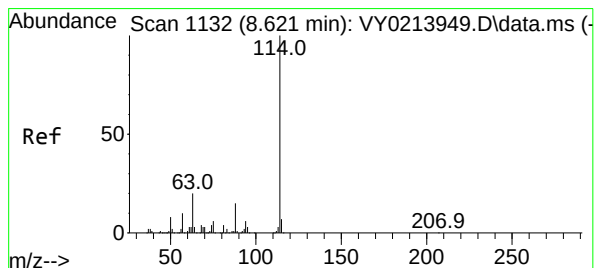
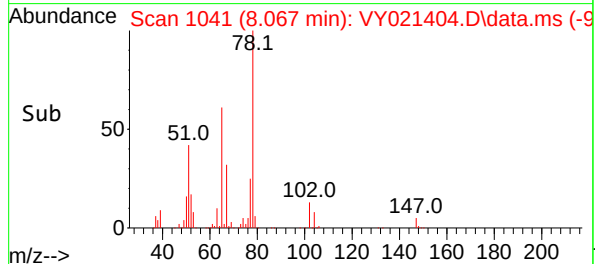
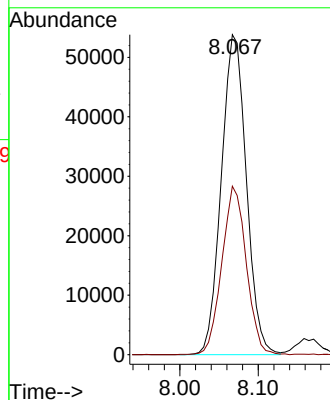
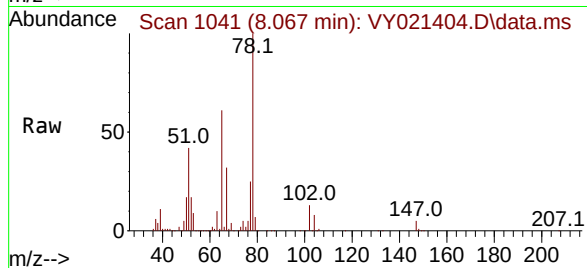
#33
1,2-Dichloroethane-d4
Concen: 49.828 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

Tgt Ion: 65 Resp: 11972
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.8

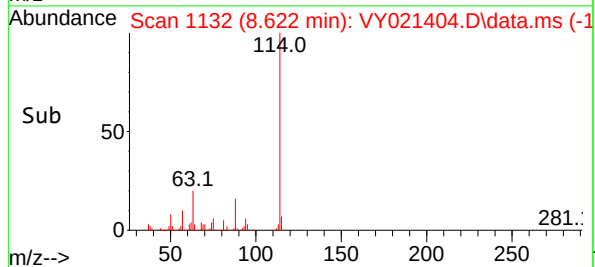
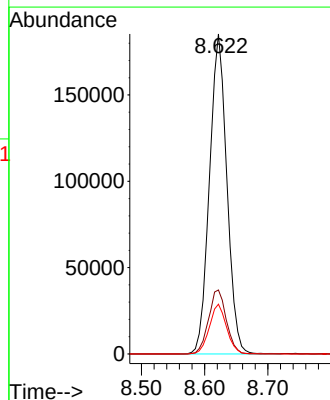
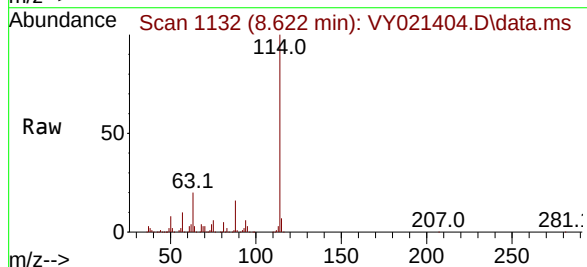
Manual Integrations
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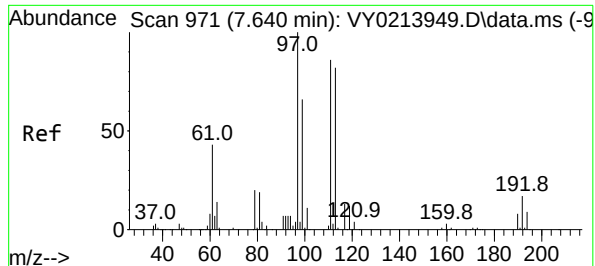
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion:114 Resp: 353570
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.894 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion:113 Resp: 11828

Ion Ratio Lower Upper

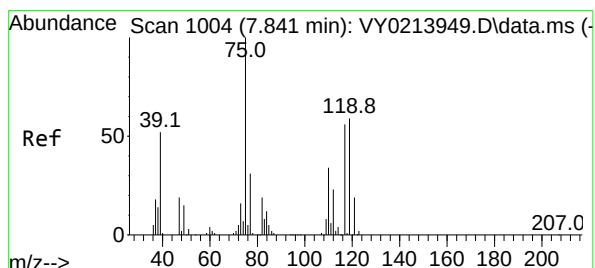
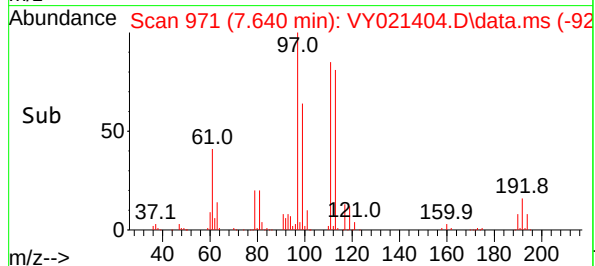
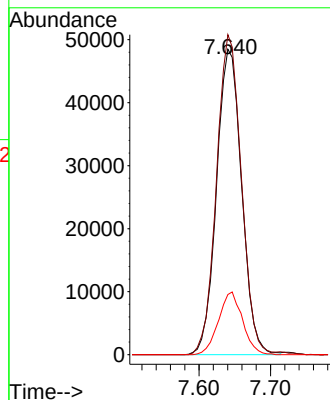
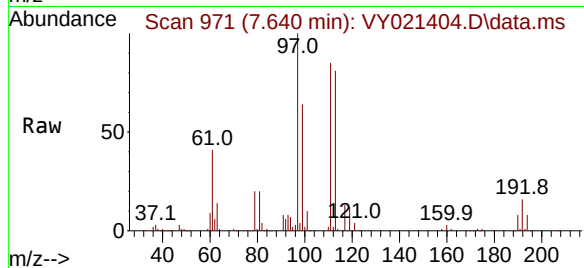
113 100

111 104.0 82.0 123.0

192 19.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#36

1,1-Dichloropropene

Concen: 48.866 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

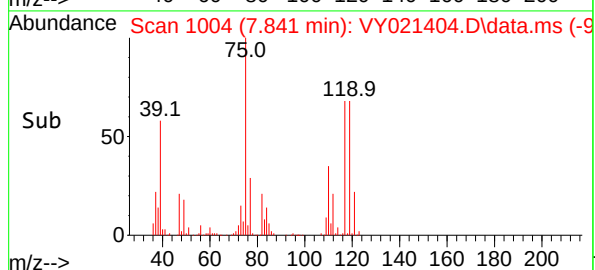
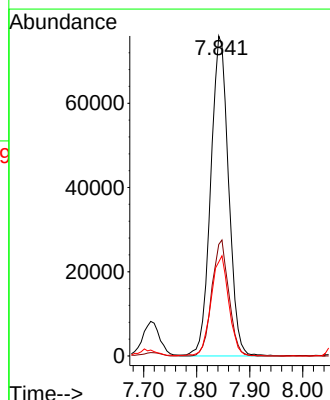
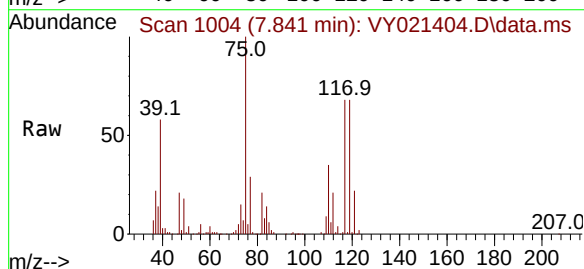
Tgt Ion: 75 Resp: 177770

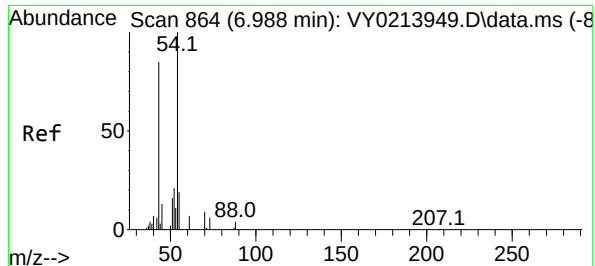
Ion Ratio Lower Upper

75 100

110 34.5 17.3 51.7

77 31.0 25.4 38.2





#37

Ethyl Acetate

Concen: 43.078 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 43 Resp: 69260

Ion Ratio Lower Upper

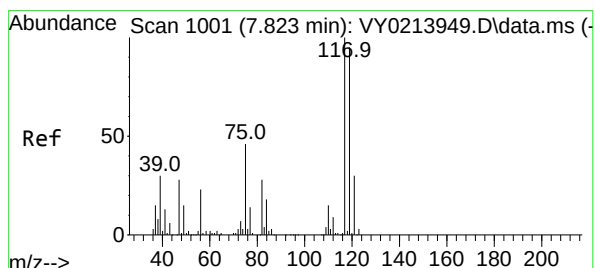
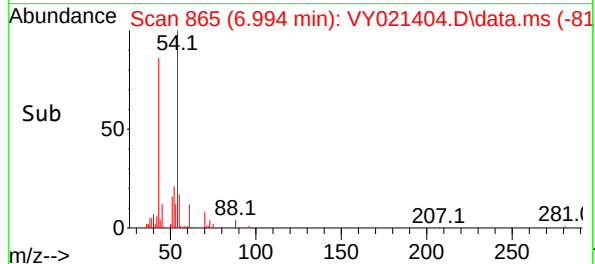
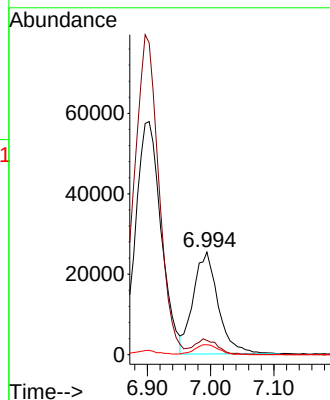
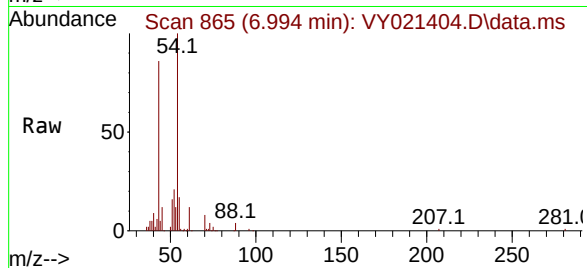
43 100

61 13.8 11.4 17.0

70 9.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#38

Carbon Tetrachloride

Concen: 48.800 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

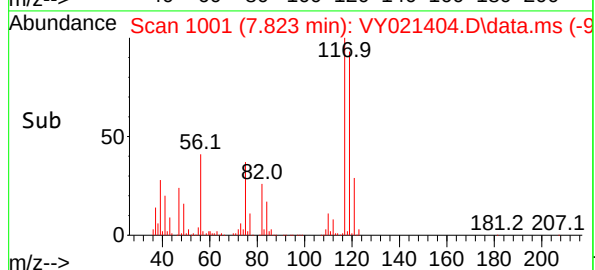
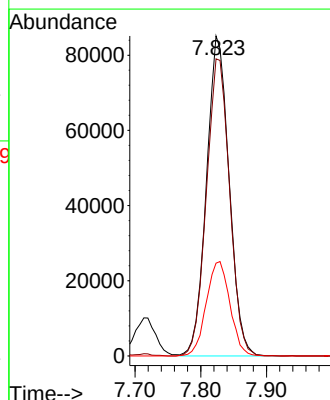
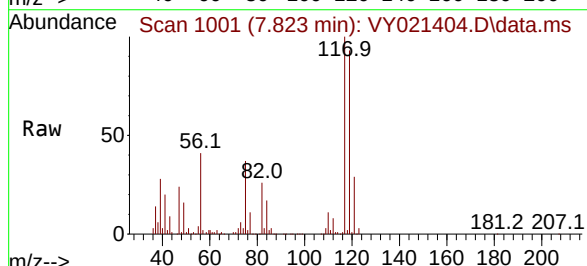
Tgt Ion:117 Resp: 204174

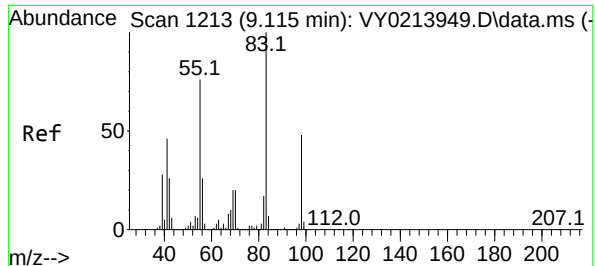
Ion Ratio Lower Upper

117 100

119 92.8 75.8 113.8

121 29.0 23.9 35.9





#39

Methylcyclohexane

Concen: 51.724 ug/l

RT: 9.116 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 83 Resp: 230810

Ion Ratio Lower Upper

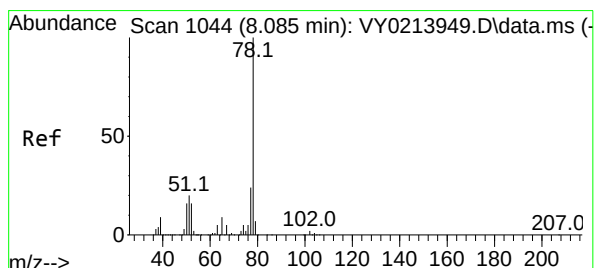
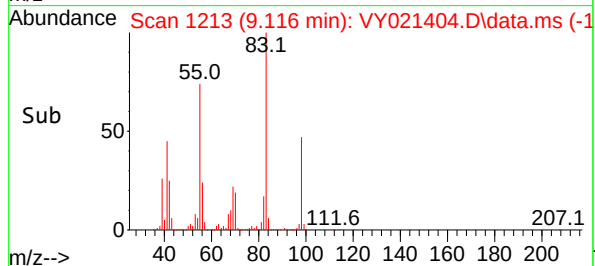
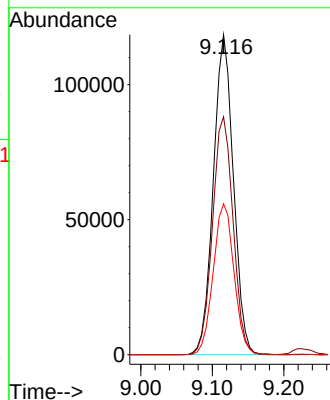
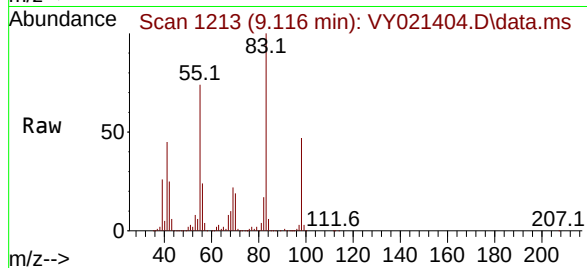
83 100

55 74.4 60.7 91.1

98 47.1 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#40

Benzene

Concen: 48.542 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY021404.D

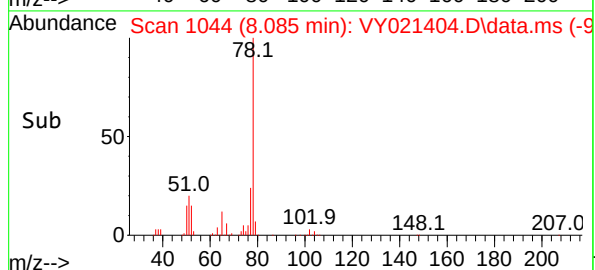
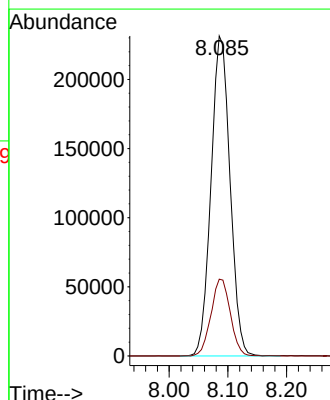
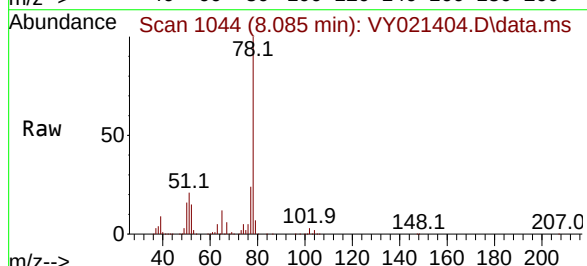
Acq: 04 Mar 2025 13:12

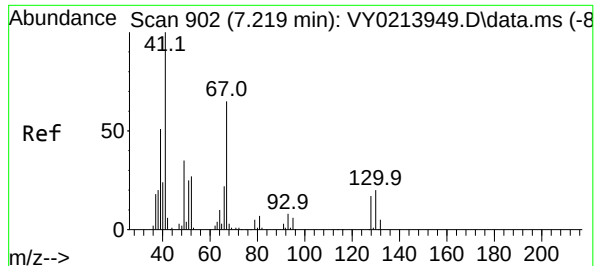
Tgt Ion: 78 Resp: 520202

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4





#41

Methacrylonitrile

Concen: 51.920 ug/l m

RT: 7.250 min Scan# 902

Delta R.T. 0.031 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Tgt Ion: 41 Resp: 45450

Ion Ratio Lower Upper

41 100

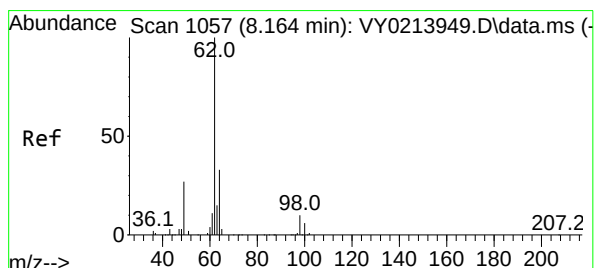
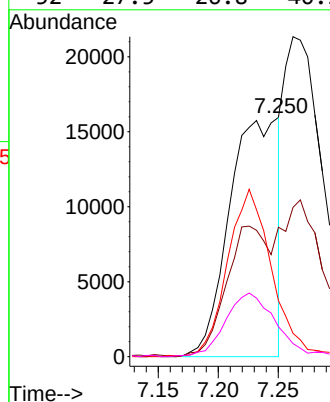
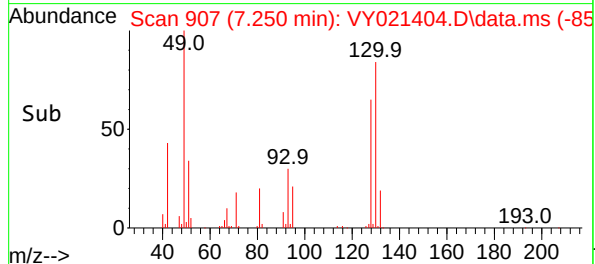
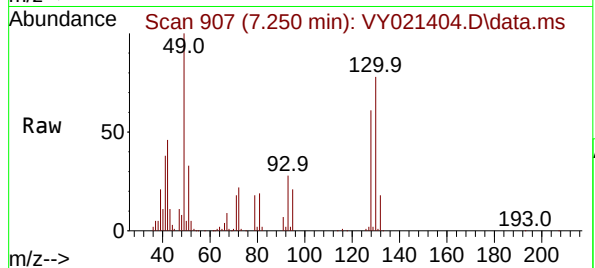
39 47.2 35.0 52.6

67 63.4 61.2 91.8

52 27.5 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#42

1,2-Dichloroethane

Concen: 45.393 ug/l

RT: 8.165 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VY021404.D

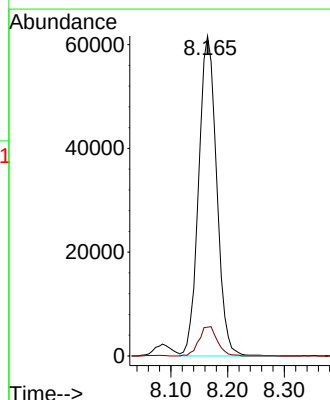
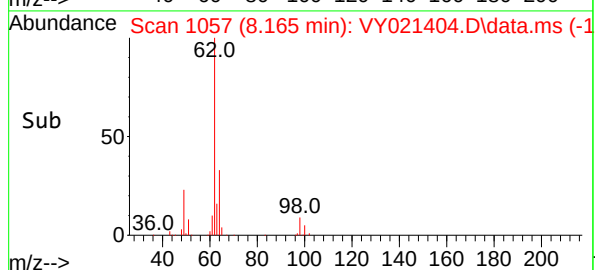
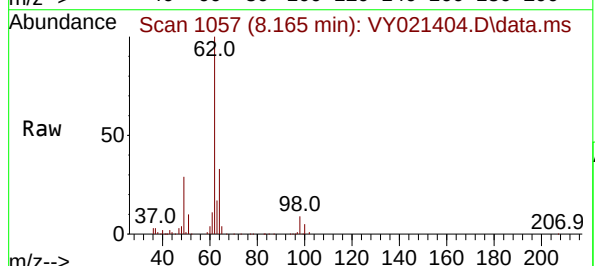
Acq: 04 Mar 2025 13:12

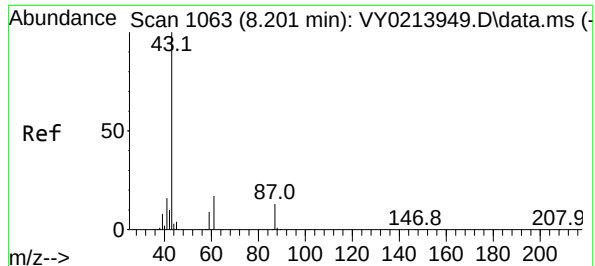
Tgt Ion: 62 Resp: 136088

Ion Ratio Lower Upper

62 100

98 9.4 0.0 18.2





#43

Isopropyl Acetate

Concen: 43.036 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

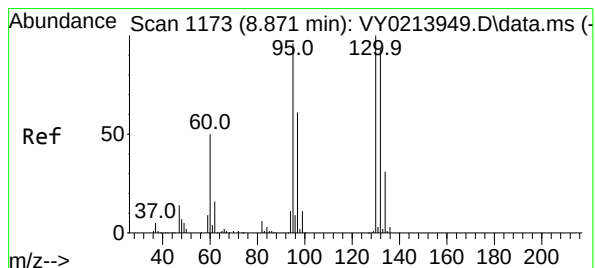
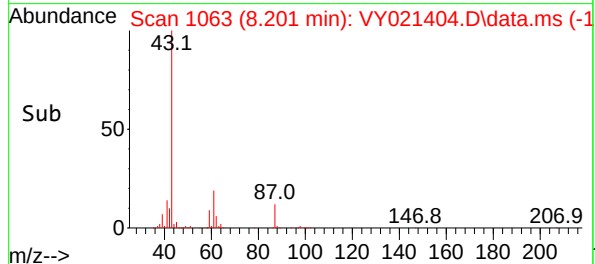
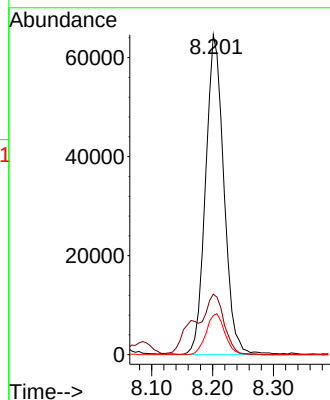
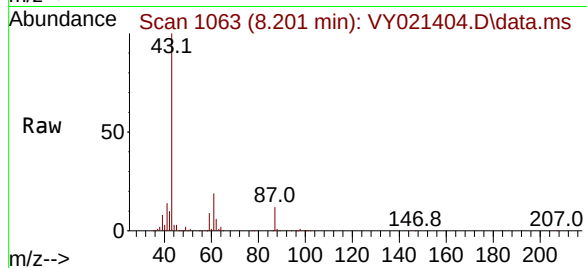
ICVVY030425

Tgt Ion:	43	Resp:	134330
Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.4	35.0
87	13.1	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#44

Trichloroethene

Concen: 48.321 ug/l

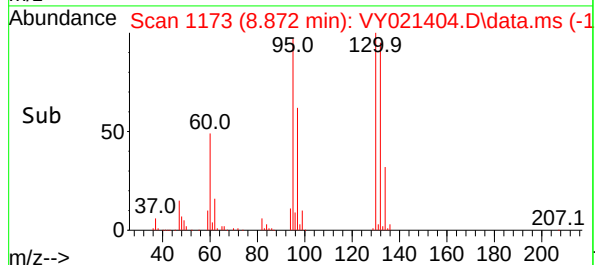
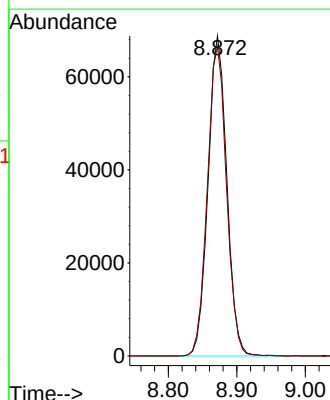
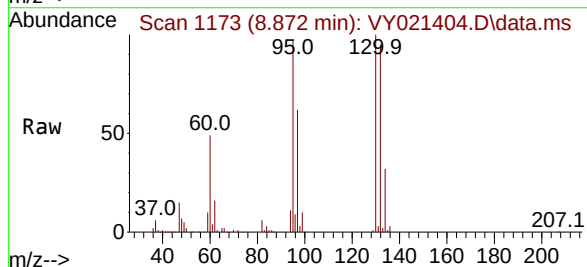
RT: 8.872 min Scan# 1173

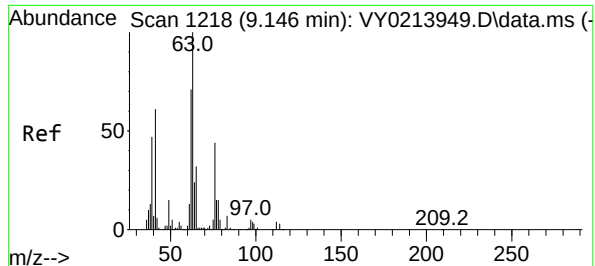
Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion:	130	Resp:	130855
Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	191.6





#45

1,2-Dichloropropane

Concen: 47.287 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 63 Resp: 120600

Ion Ratio Lower Upper

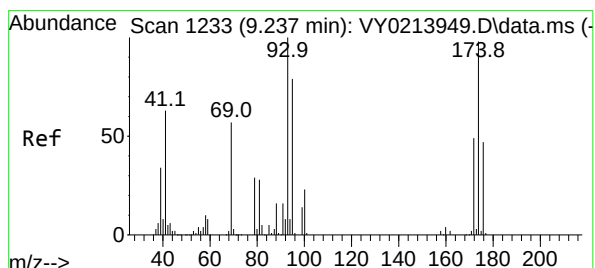
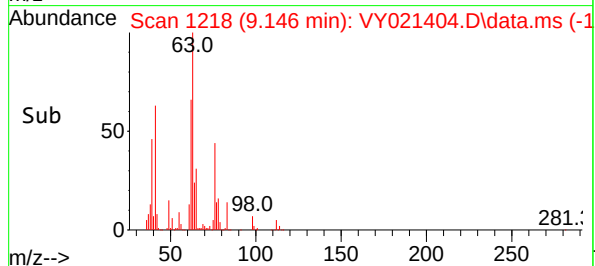
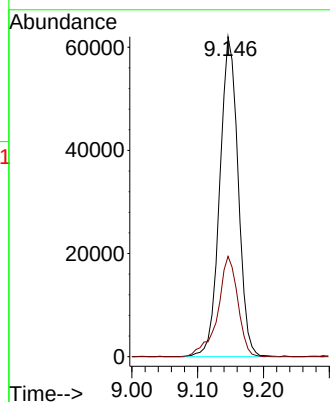
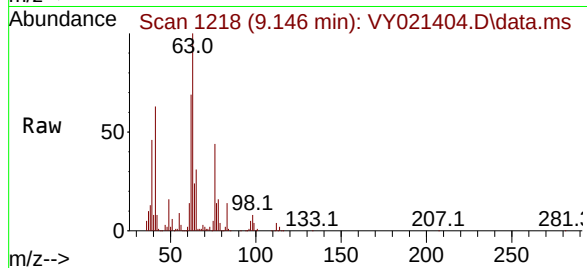
63 100

65 31.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#46

Dibromomethane

Concen: 45.413 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

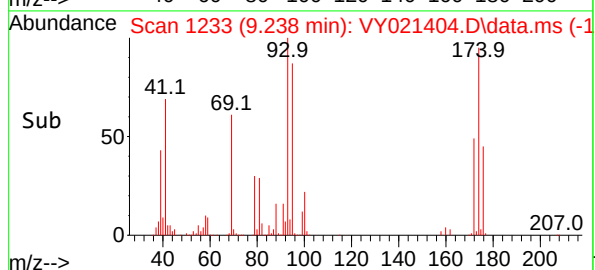
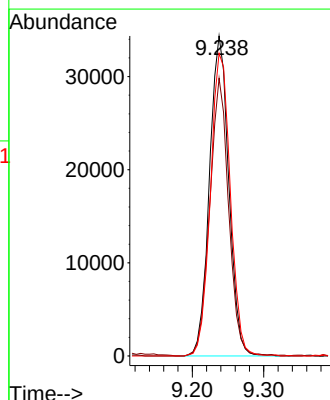
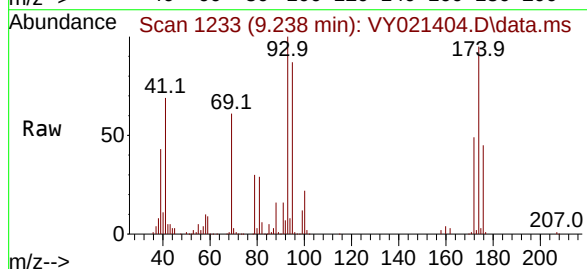
Tgt Ion: 93 Resp: 64447

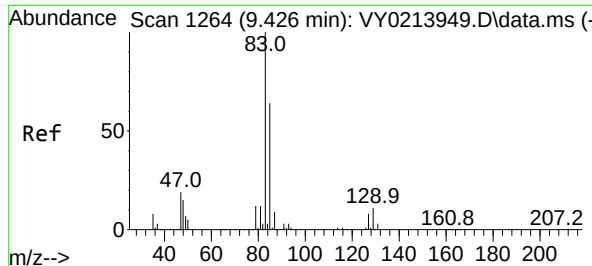
Ion Ratio Lower Upper

93 100

95 85.1 65.8 98.8

174 97.4 77.9 116.9





#47

Bromodichloromethane

Concen: 46.755 ug/l

RT: 9.433 min Scan# 1265

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

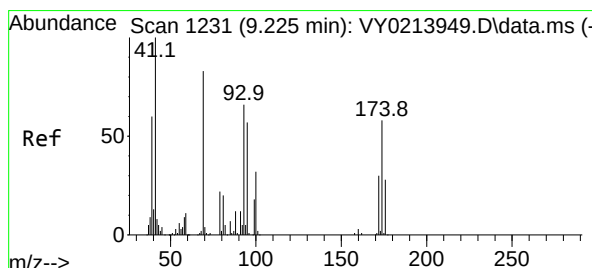
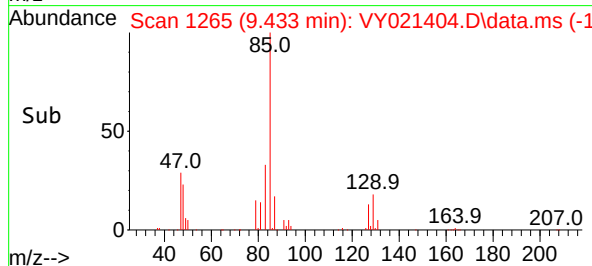
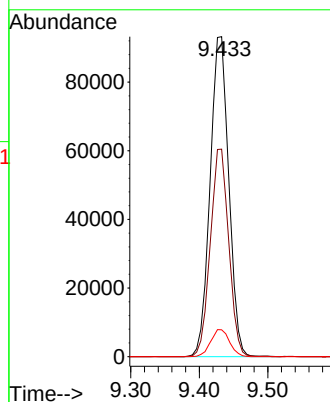
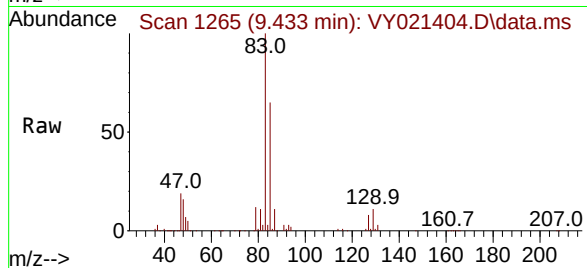
ICVY030425

Tgt Ion:	83	Resp:	176210
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.1	76.7
127	8.4	6.7	10.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#48

Methyl methacrylate

Concen: 45.652 ug/l

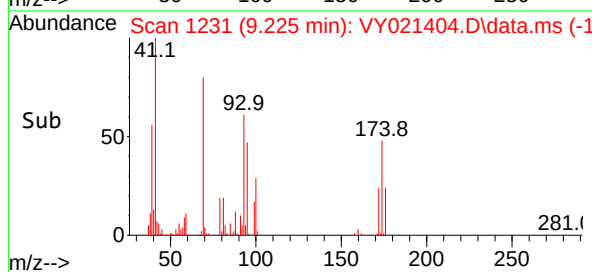
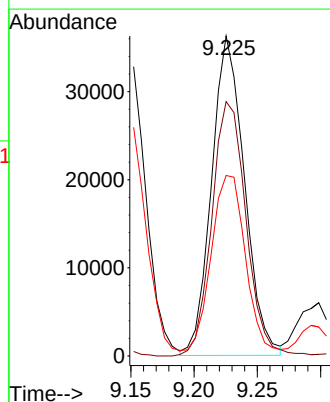
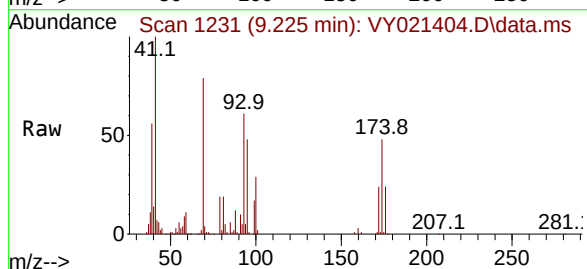
RT: 9.225 min Scan# 1231

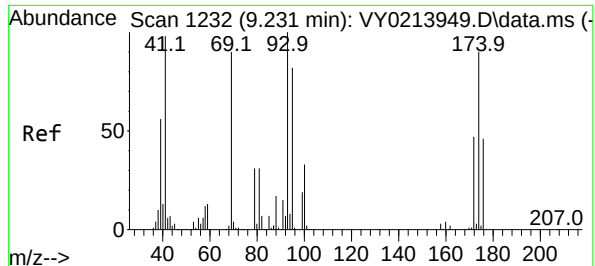
Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion:	41	Resp:	65433
Ion	Ratio	Lower	Upper
41	100		
69	83.5	67.8	101.8
39	56.4	46.4	69.6





#49

1,4-Dioxane

Concen: 874.634 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Tgt Ion: 88 Resp: 1218

Ion Ratio Lower Upper

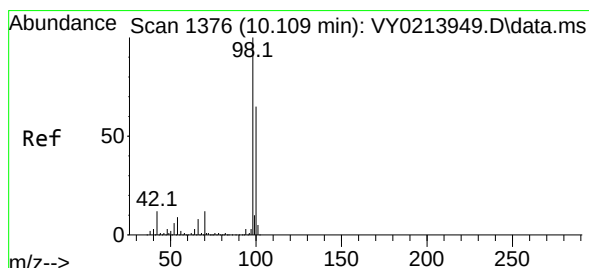
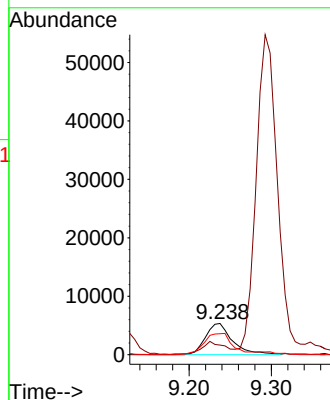
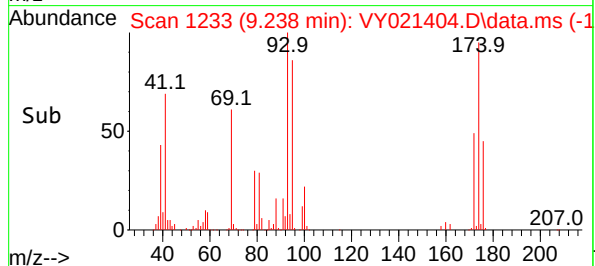
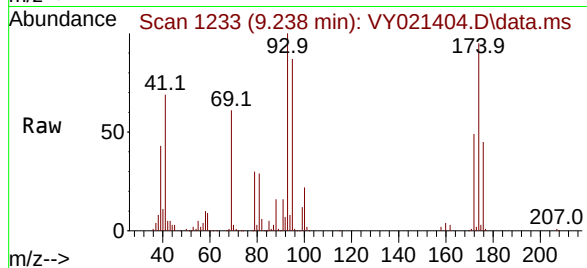
88 100

43 35.4 25.0 37.4

58 72.6 58.4 87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#50

Toluene-d8

Concen: 53.263 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.007 min

Lab File: VY021404.D

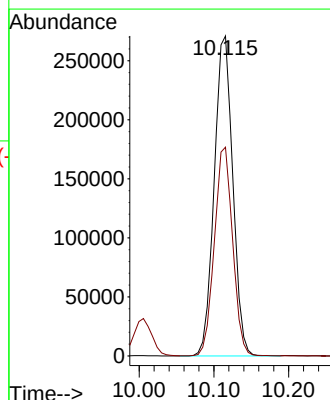
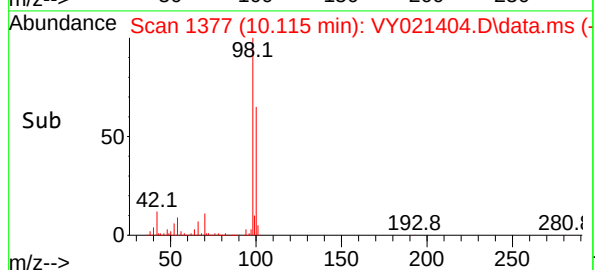
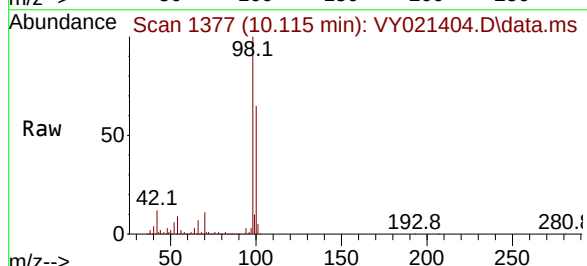
Acq: 04 Mar 2025 13:12

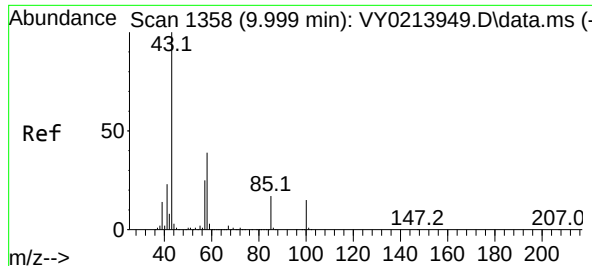
Tgt Ion: 98 Resp: 468697

Ion Ratio Lower Upper

98 100

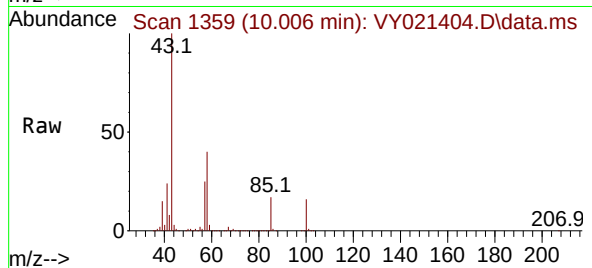
100 64.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 216.781 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

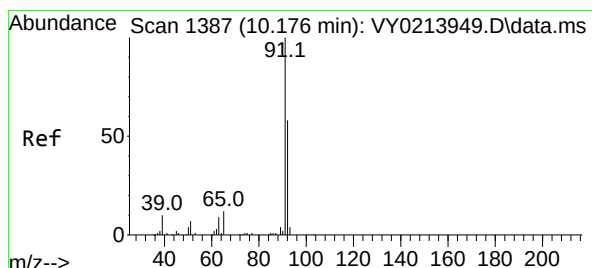
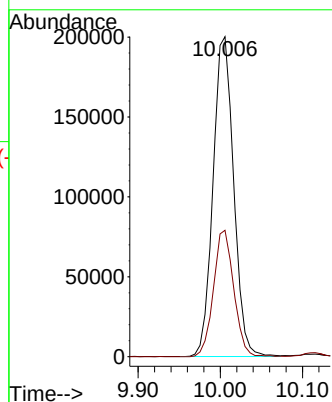
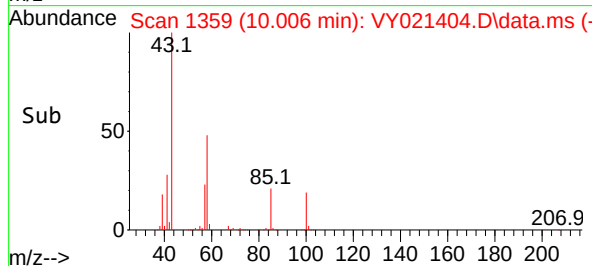
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 43 Resp: 349128
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2

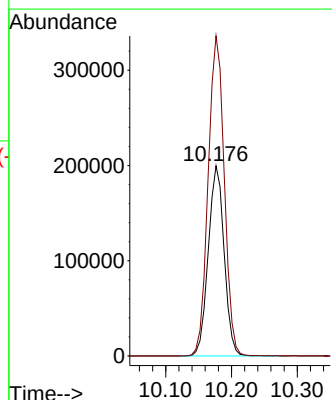
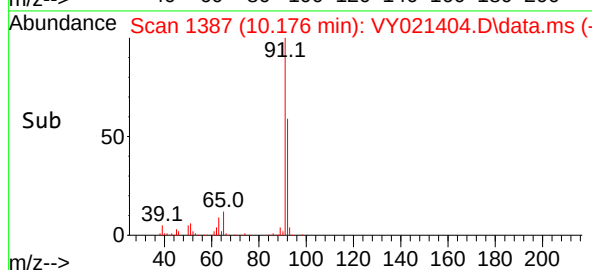
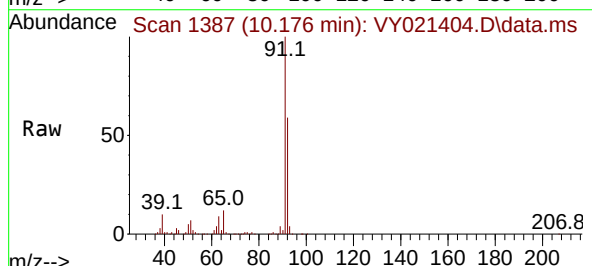
Manual Integrations
APPROVED

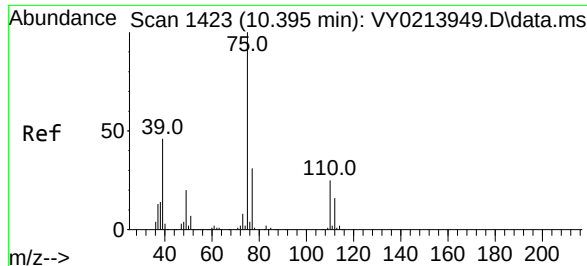
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#52
Toluene
Concen: 49.486 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

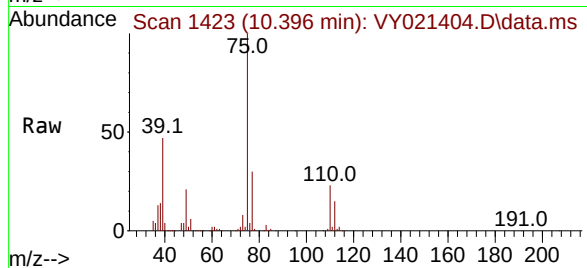
Tgt Ion: 92 Resp: 334342
Ion Ratio Lower Upper
92 100
91 171.6 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 47.312 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

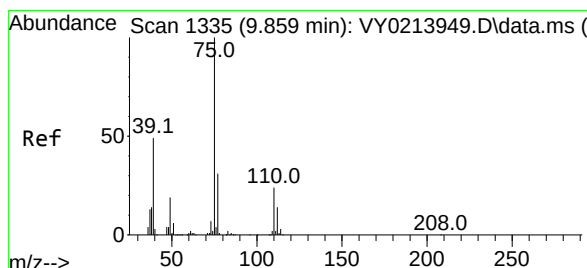
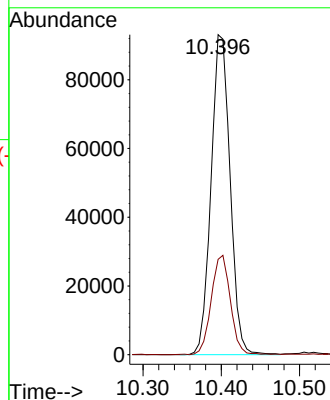
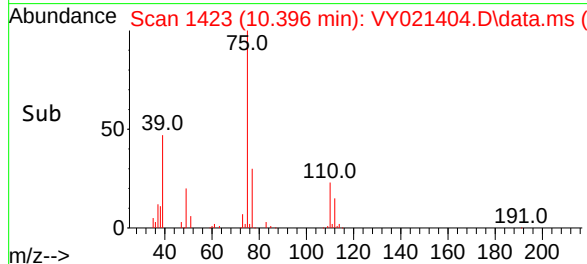
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 75 Resp: 157093
Ion Ratio Lower Upper
75 100
77 29.7 25.0 37.6

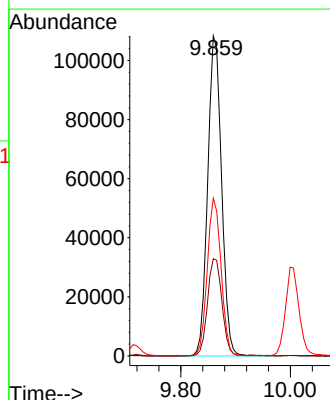
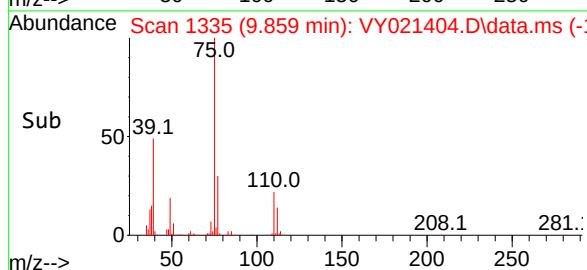
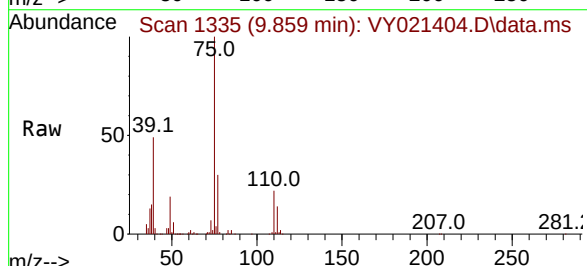
Manual Integrations
APPROVED

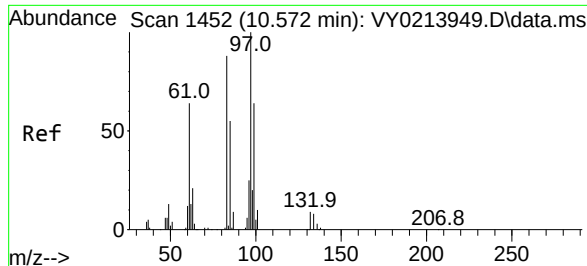
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#54
cis-1,3-Dichloropropene
Concen: 48.236 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

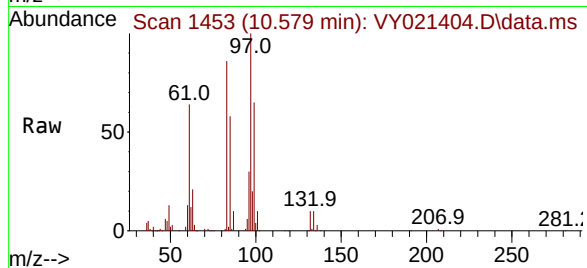
Tgt Ion: 75 Resp: 190151
Ion Ratio Lower Upper
75 100
77 30.4 24.6 37.0
39 49.2 39.4 59.2





#55
1,1,2-Trichloroethane
Concen: 44.786 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

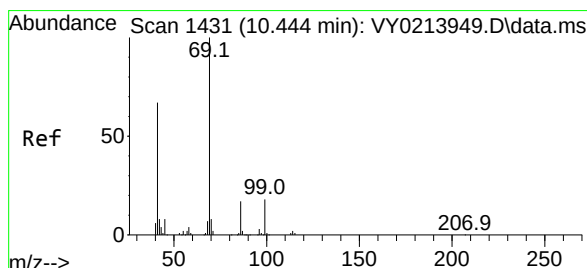
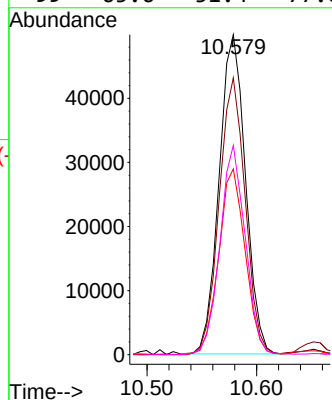
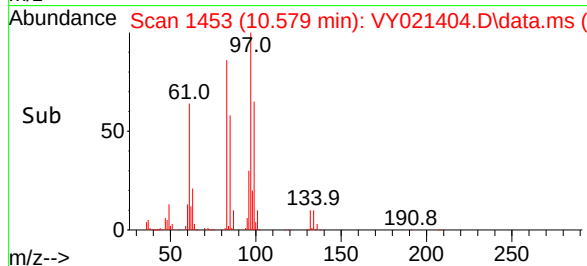
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 97 Resp: 83139
Ion Ratio Lower Upper
97 100
83 86.7 70.0 105.0
85 58.1 44.3 66.5
99 65.6 51.4 77.0

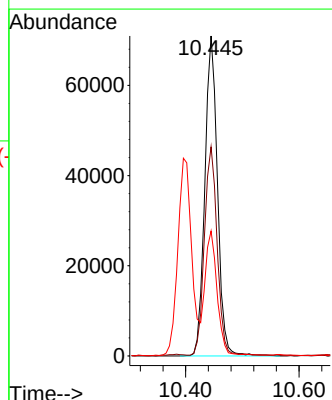
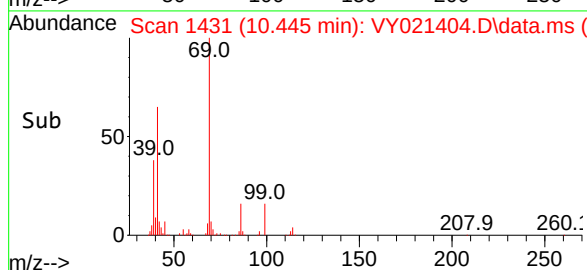
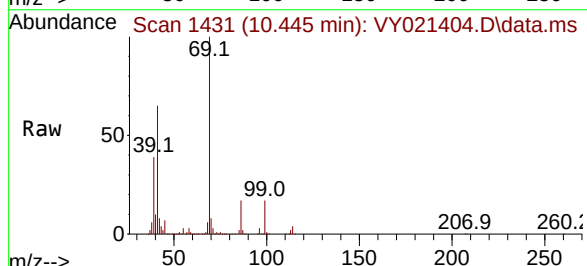
Manual Integrations
APPROVED

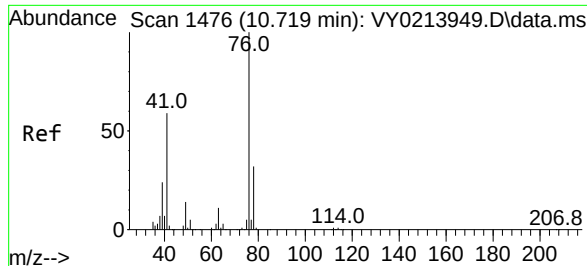
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#56
Ethyl methacrylate
Concen: 46.305 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

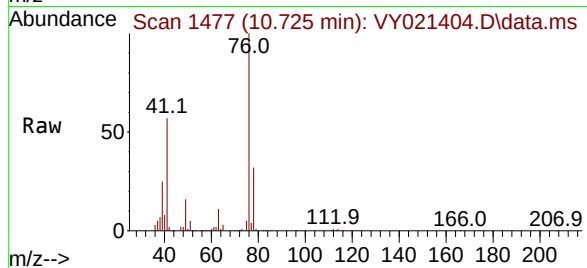
Tgt Ion: 69 Resp: 109629
Ion Ratio Lower Upper
69 100
41 65.5 53.3 79.9
39 36.5 31.0 46.6





#57
1,3-Dichloropropane
Concen: 46.108 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

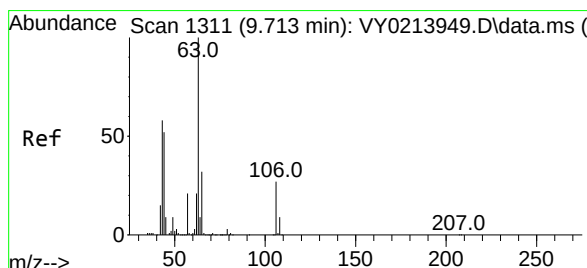
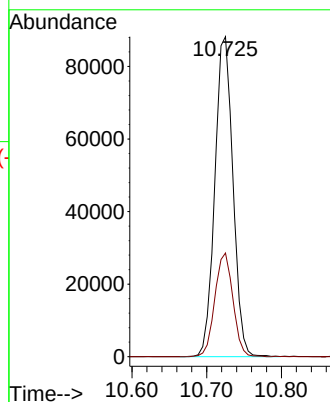
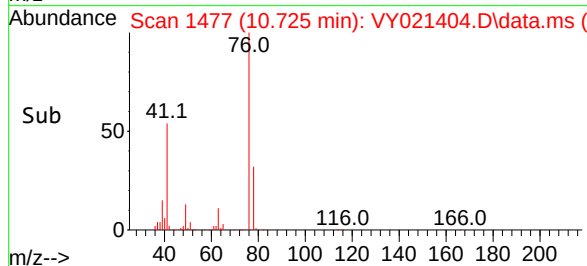
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 76 Resp: 148349
Ion Ratio Lower Upper
76 100
78 32.4 26.3 39.5

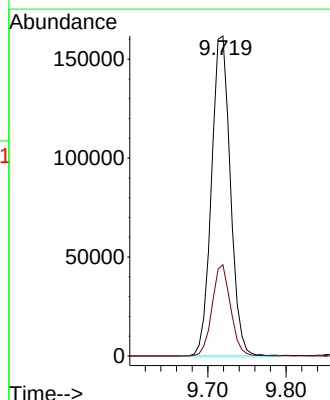
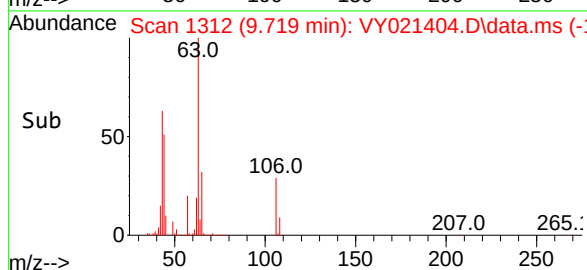
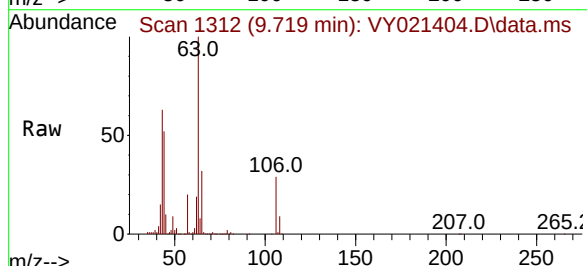
Manual Integrations
APPROVED

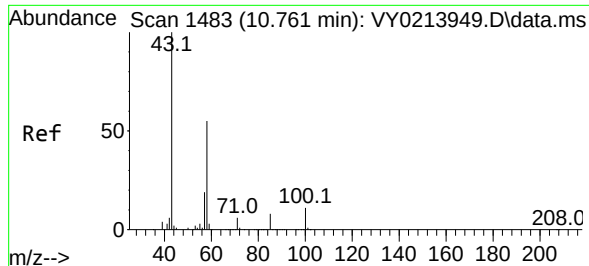
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 247.869 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 63 Resp: 270898
Ion Ratio Lower Upper
63 100
106 27.9 22.1 33.1





#59

2-Hexanone

Concen: 224.350 ug/l

RT: 10.768 min Scan# 1483

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 43 Resp: 23891

Ion Ratio Lower Upper

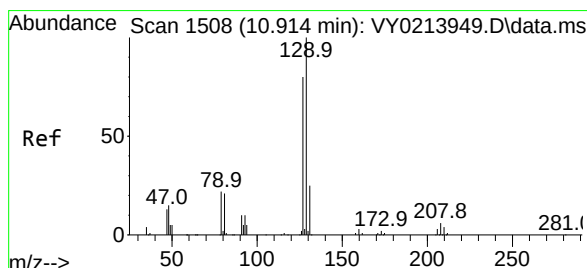
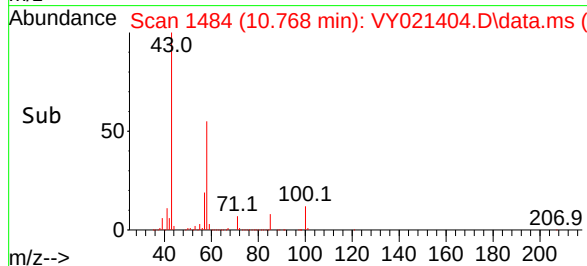
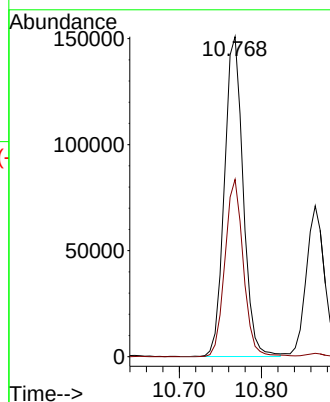
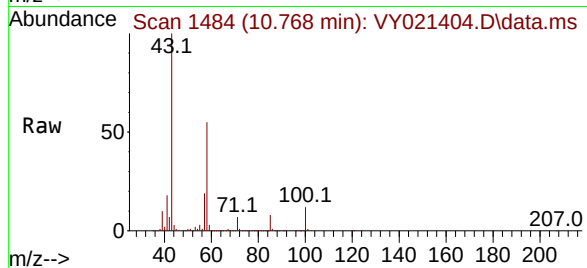
43 100

58 54.6 27.3 81.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#60

Dibromochloromethane

Concen: 46.278 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY021404.D

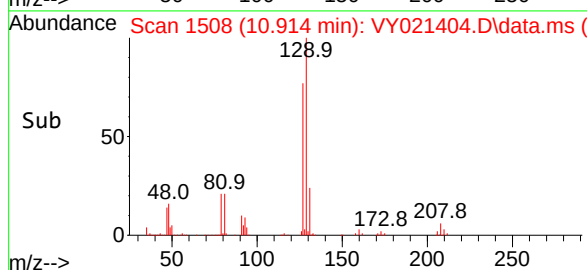
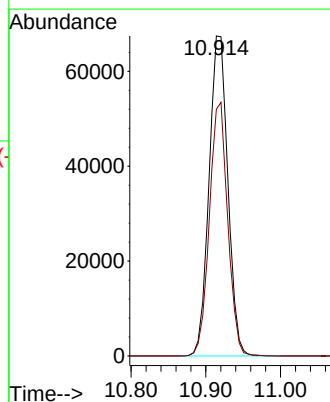
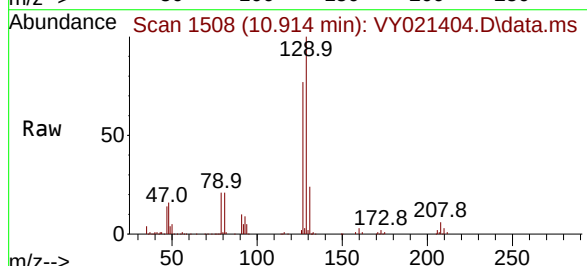
Acq: 04 Mar 2025 13:12

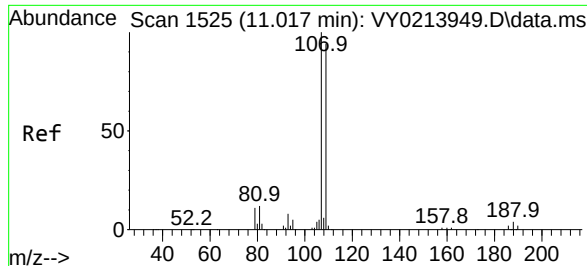
Tgt Ion:129 Resp: 117776

Ion Ratio Lower Upper

129 100

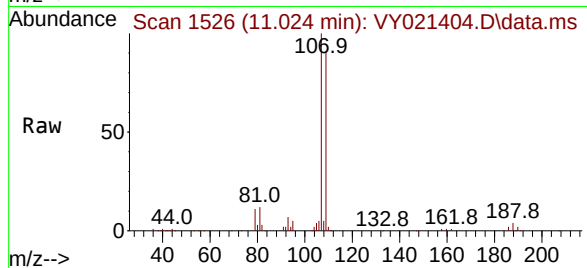
127 77.2 39.1 117.3





#61
1,2-Dibromoethane
Concen: 45.932 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

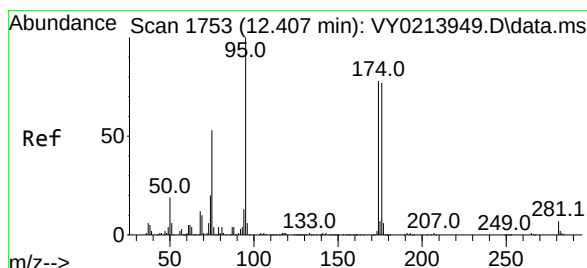
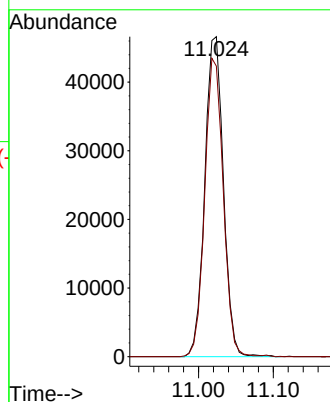
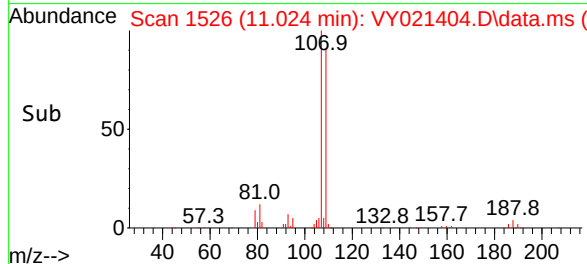
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion:107 Resp: 8047
Ion Ratio Lower Upper
107 100
109 92.6 75.8 113.8

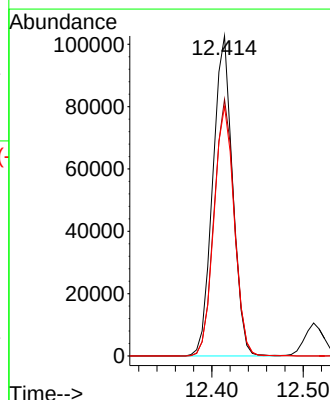
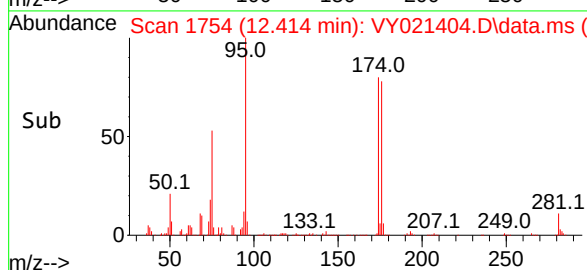
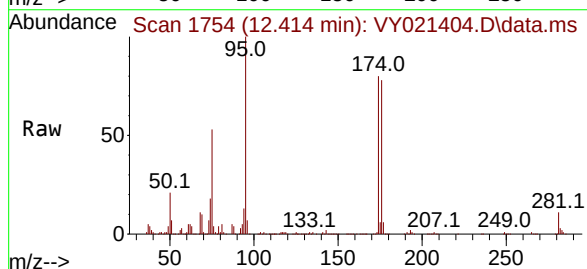
Manual Integrations
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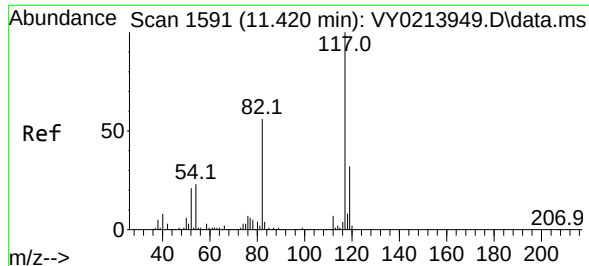
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#62
4-Bromofluorobenzene
Concen: 51.560 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

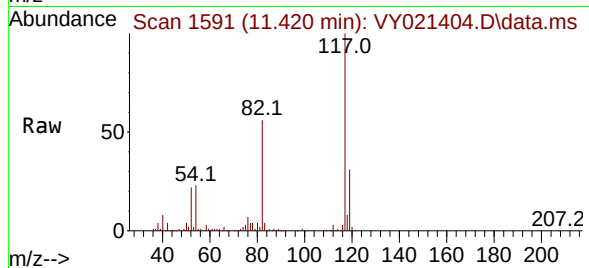
Tgt Ion: 95 Resp: 154333
Ion Ratio Lower Upper
95 100
174 81.9 0.0 165.0
176 80.0 0.0 160.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

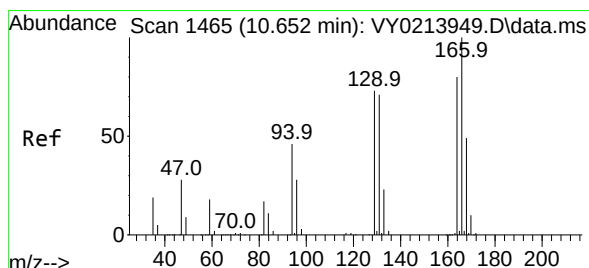
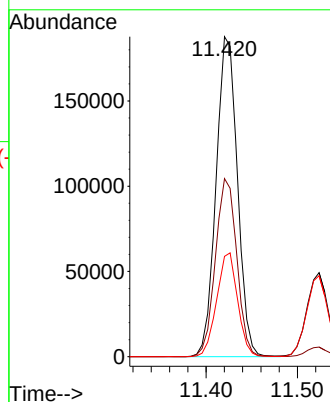
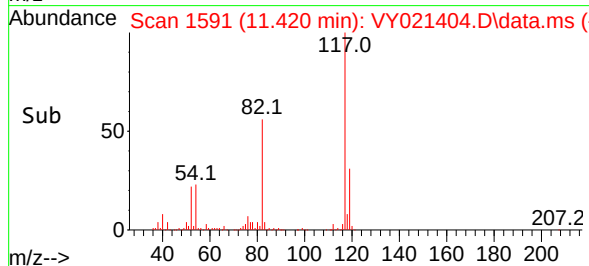
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion:117 Resp: 30494
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 31.3 25.4 38.0

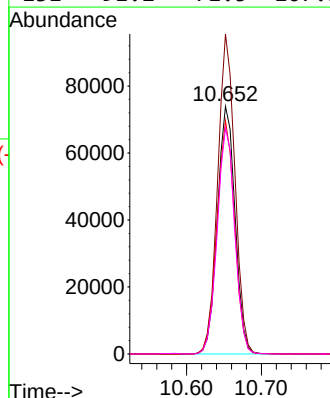
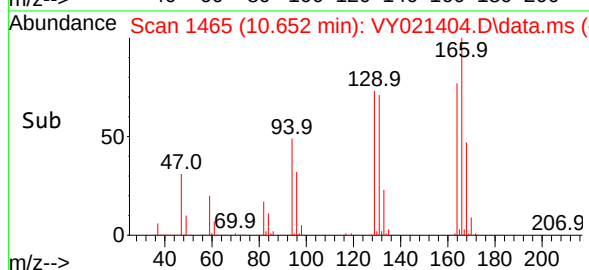
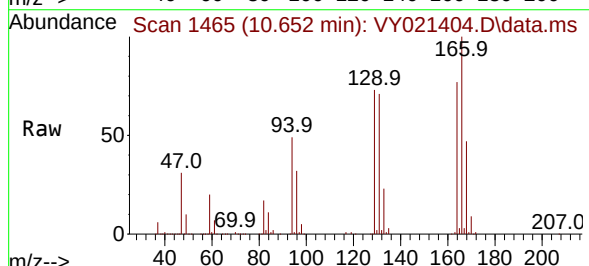
Manual Integrations
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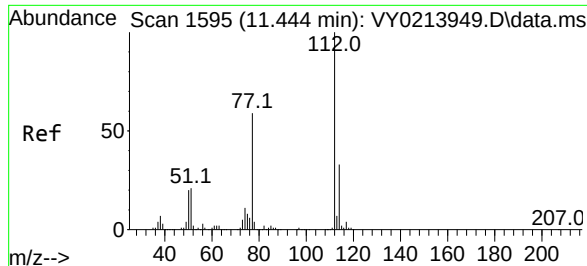
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#64
Tetrachloroethene
Concen: 49.207 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

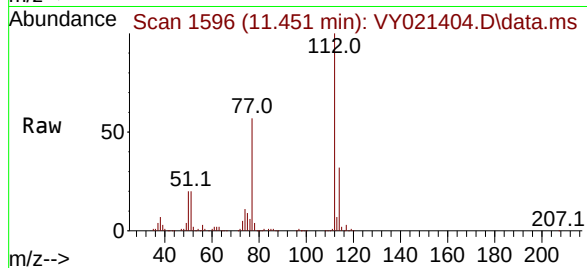
Tgt Ion:164 Resp: 122018
Ion Ratio Lower Upper
164 100
166 129.2 100.4 150.6
129 94.2 73.8 110.8
131 91.2 71.5 107.3





#65
Chlorobenzene
Concen: 48.611 ug/l
RT: 11.451 min Scan# 1596
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

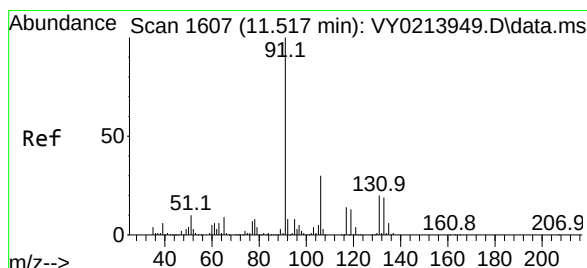
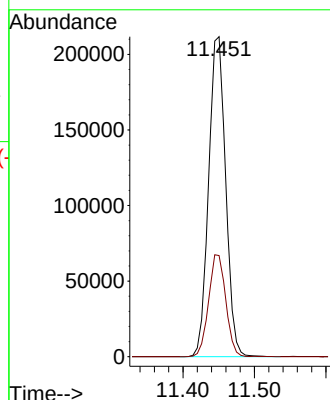
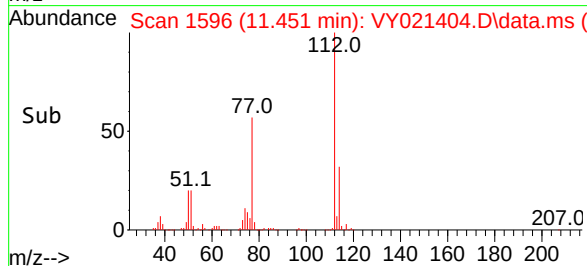
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion:112 Resp: 350050
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1

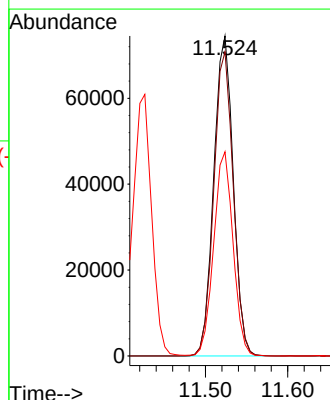
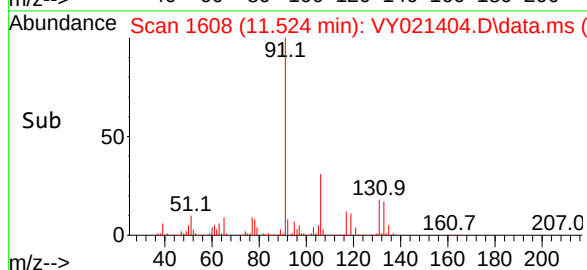
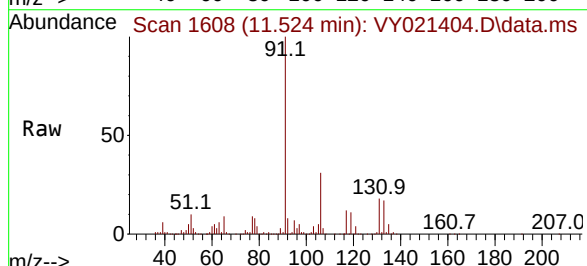
Manual Integrations
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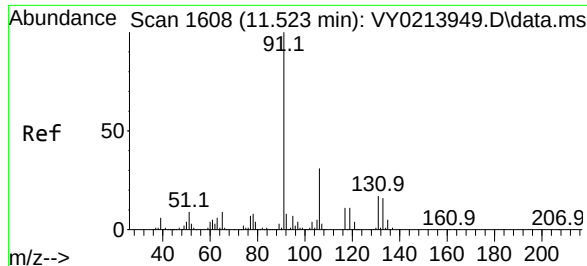
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.104 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion:131 Resp: 122471
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.9
119 63.6 32.3 96.9





#67

Ethyl Benzene

Concen: 50.757 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion: 91 Resp: 641534

Ion Ratio Lower Upper

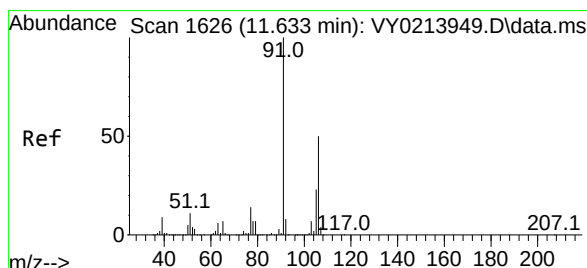
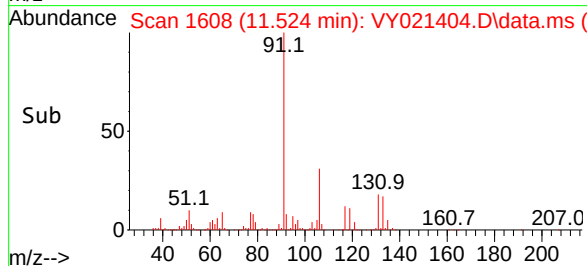
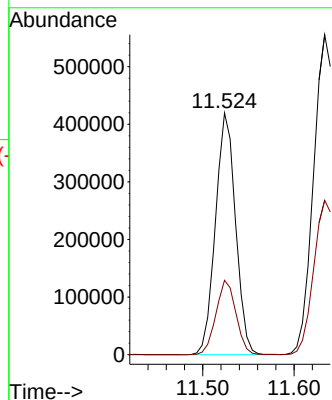
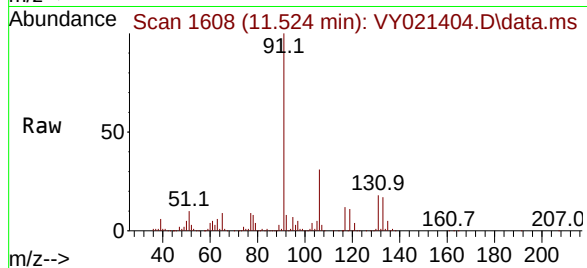
91 100

106 30.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#68

m/p-Xylenes

Concen: 100.830 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021404.D

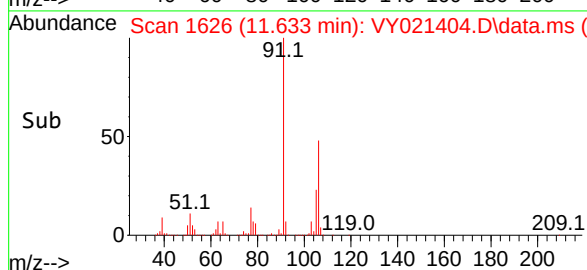
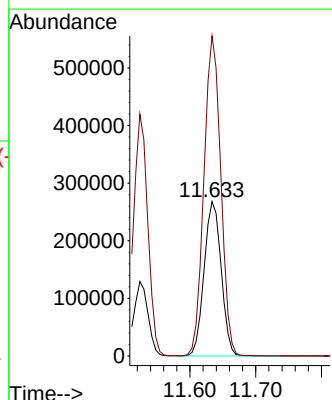
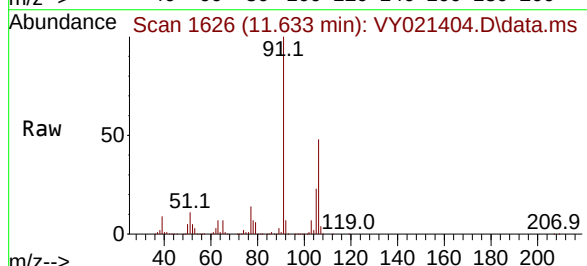
Acq: 04 Mar 2025 13:12

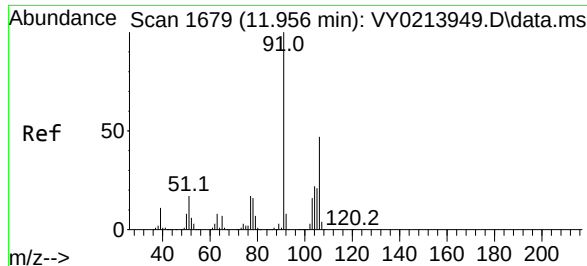
Tgt Ion:106 Resp: 483835

Ion Ratio Lower Upper

106 100

91 204.9 161.7 242.5





#69

o-Xylene

Concen: 51.096 ug/l

RT: 11.963 min Scan# 1680

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425

Tgt Ion:106 Resp: 225974

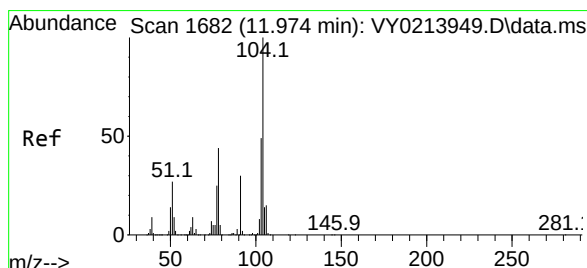
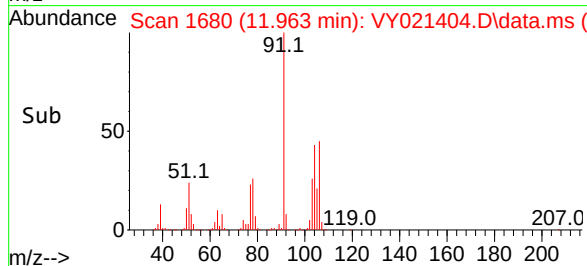
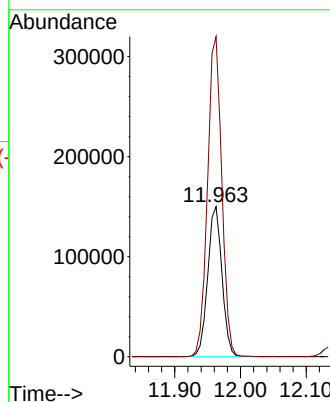
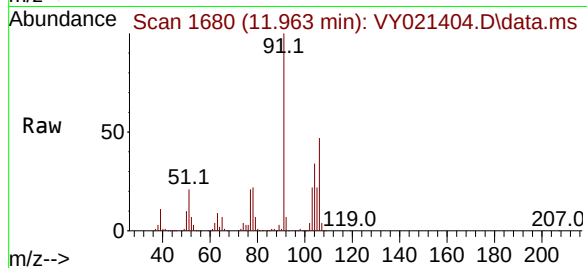
Ion Ratio Lower Upper

106 100

91 213.6 107.6 322.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

#70

Styrene

Concen: 50.400 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

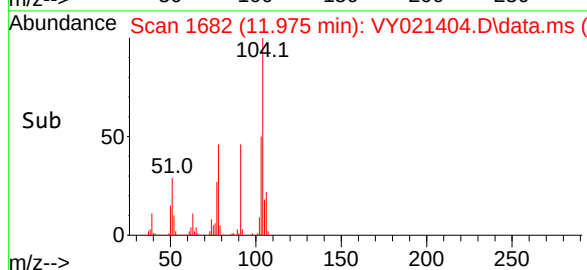
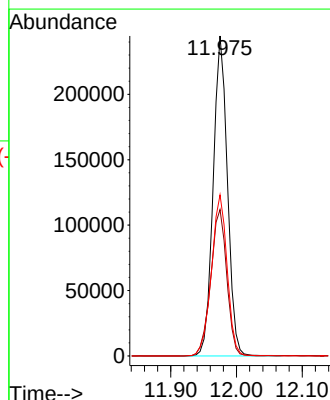
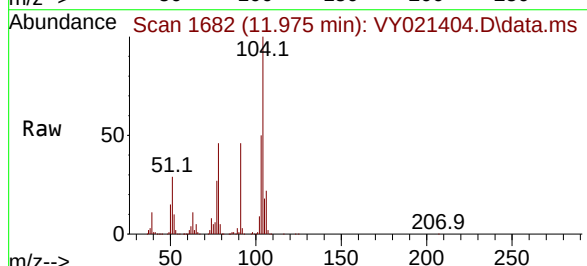
Tgt Ion:104 Resp: 369770

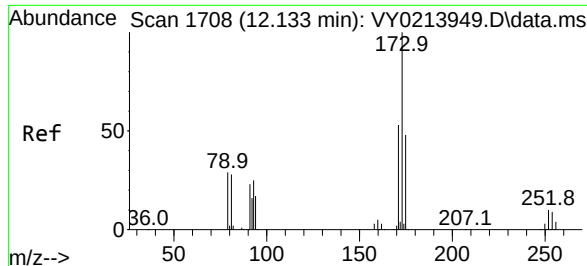
Ion Ratio Lower Upper

104 100

78 51.2 40.7 61.1

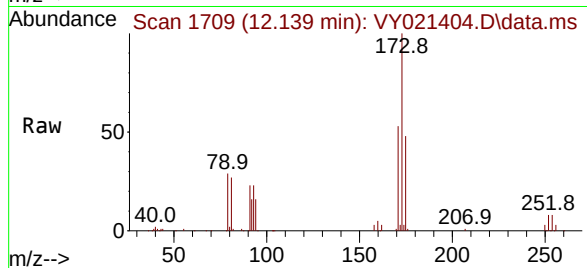
103 55.3 44.1 66.1





#71
Bromoform
Concen: 45.886 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

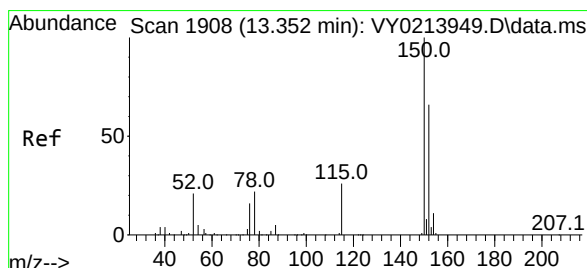
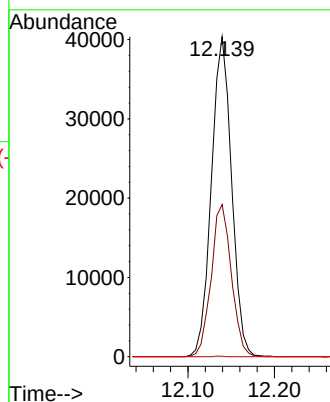
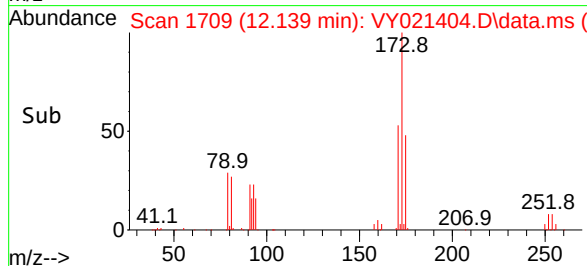
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



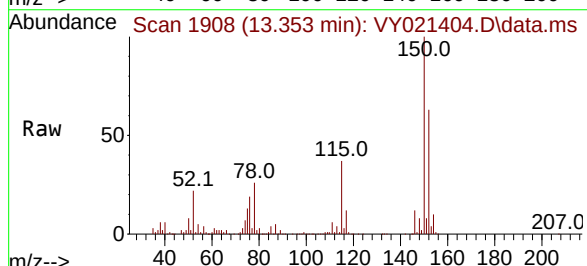
Tgt Ion:173 Resp: 6530
Ion Ratio Lower Upper
173 100
175 47.5 23.9 71.7
254 0.1 0.1 0.1

Manual Integrations
APPROVED

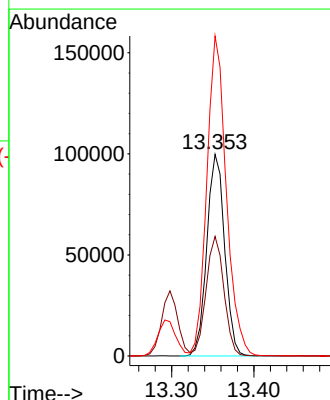
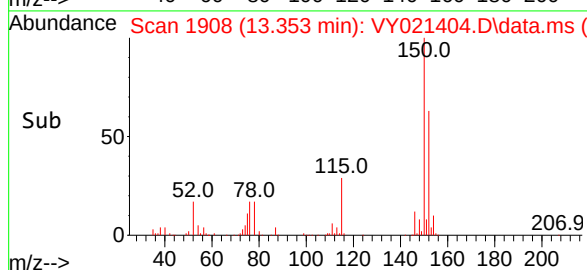
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025

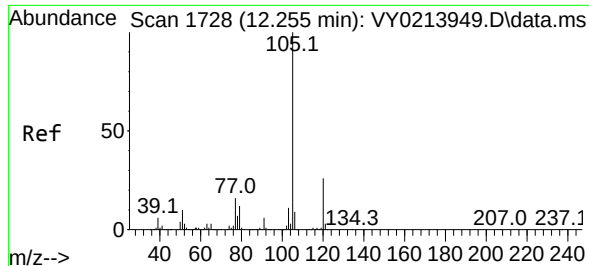


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12



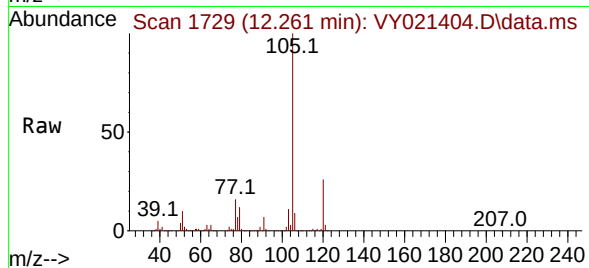
Tgt Ion:152 Resp: 150512
Ion Ratio Lower Upper
152 100
115 59.1 29.0 87.0
150 172.8 0.0 347.2





#73
Isopropylbenzene
Concen: 52.186 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

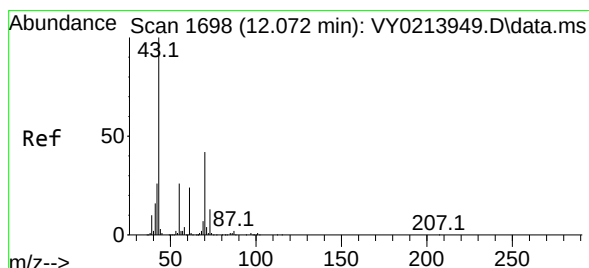
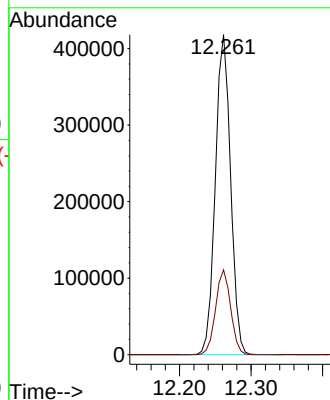
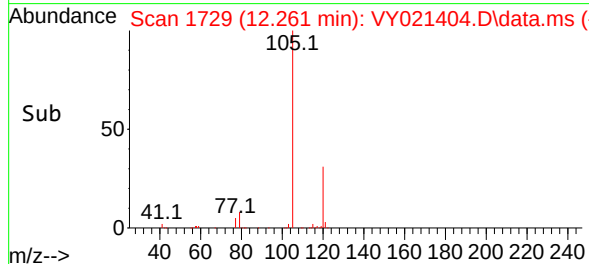
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 105 Resp: 618720
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

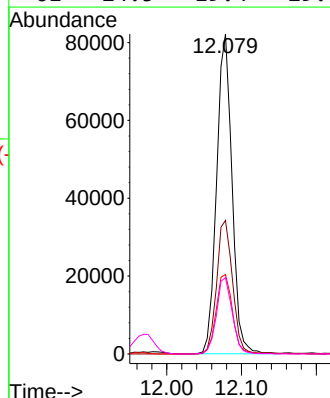
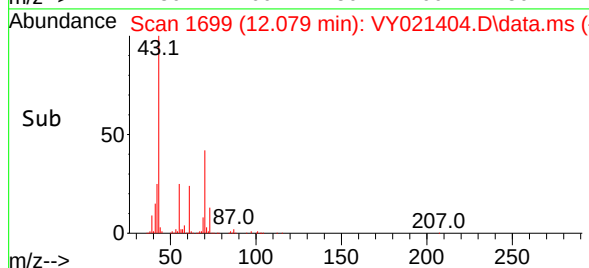
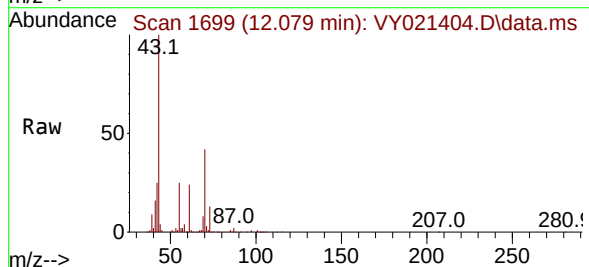
Manual Integrations
APPROVED

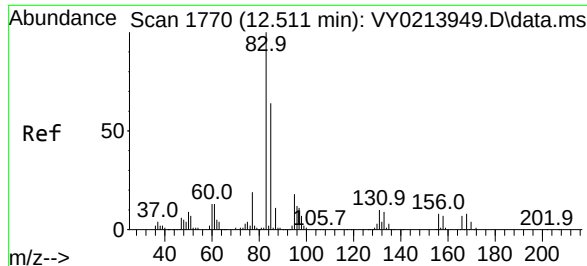
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#74
N-ethyl acetate
Concen: 45.591 ug/l
RT: 12.079 min Scan# 1699
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 43 Resp: 117390
Ion Ratio Lower Upper
43 100
70 43.4 34.6 51.8
55 26.7 21.1 31.7
61 24.5 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.086 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

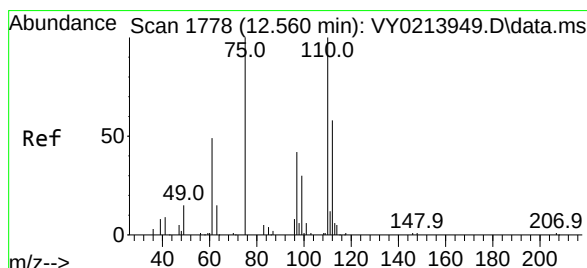
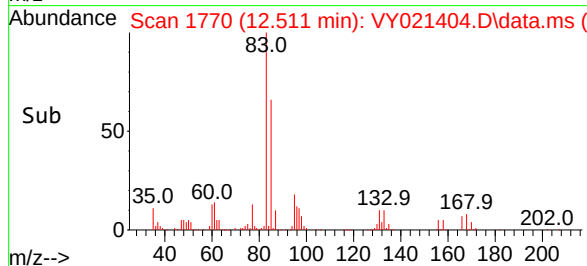
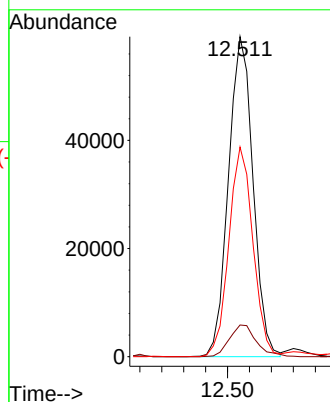
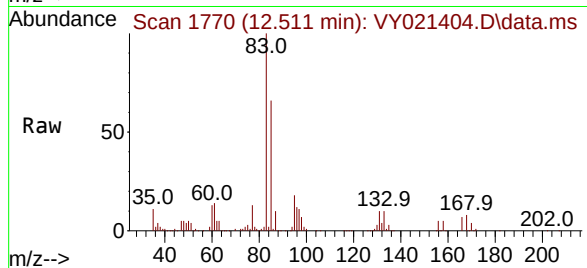
ICVY030425

Tgt Ion	83	Resp	9223
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.3	16.1
85	64.3	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#76

1,2,3-Trichloropropane

Concen: 44.986 ug/l m

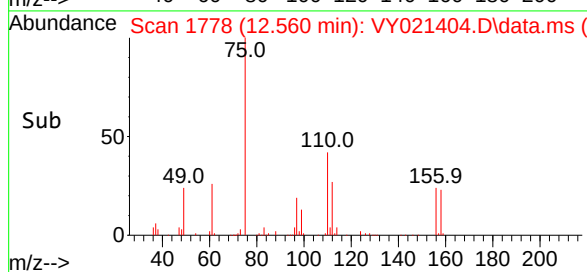
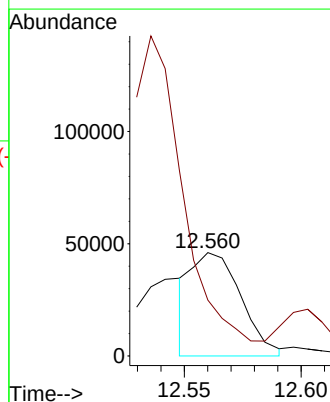
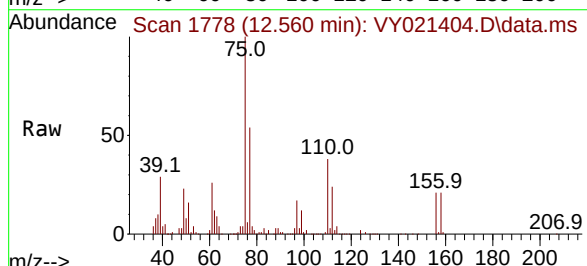
RT: 12.560 min Scan# 1778

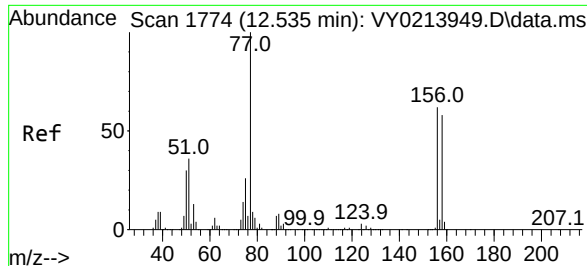
Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion	75	Resp	68229
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.194 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY021404.D

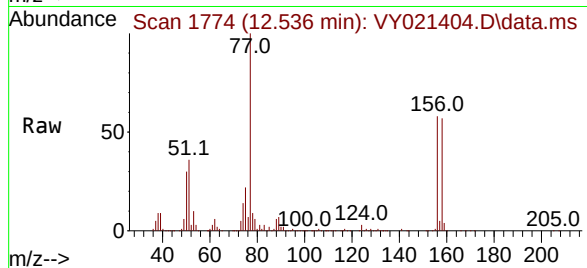
Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030425



Tgt Ion:156 Resp: 133678

Ion Ratio Lower Upper

156 100

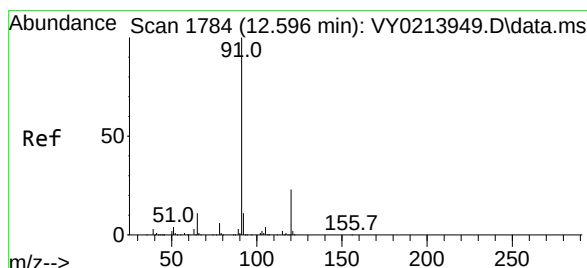
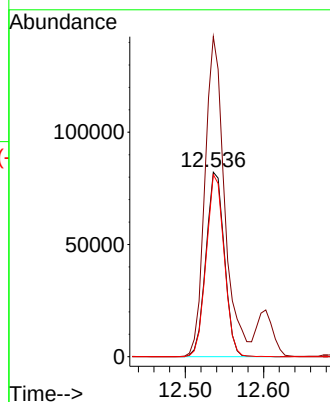
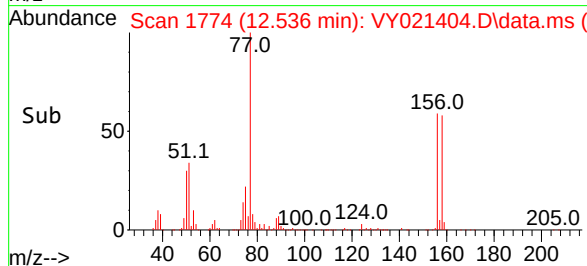
77 186.1 93.6 280.8

158 97.0 48.3 144.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#78

n-propylbenzene

Concen: 52.233 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.007 min

Lab File: VY021404.D

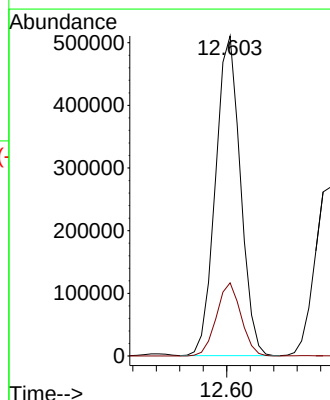
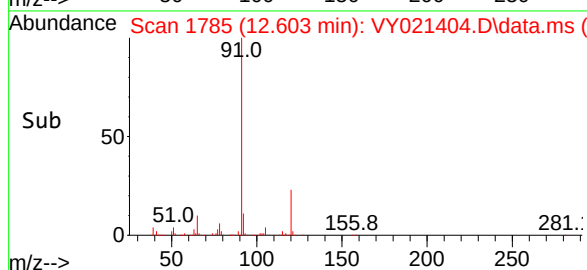
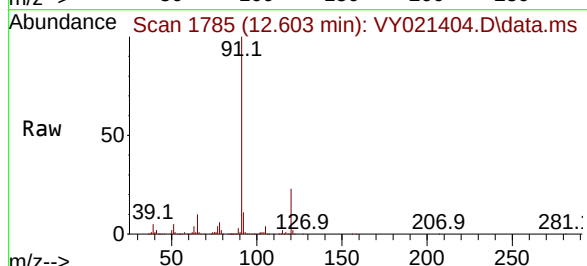
Acq: 04 Mar 2025 13:12

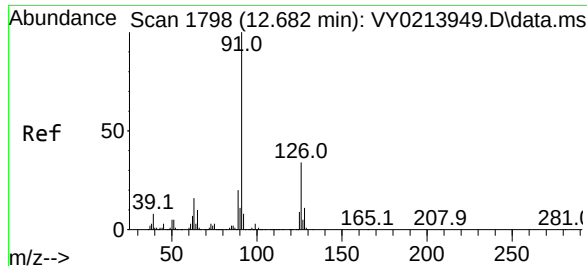
Tgt Ion: 91 Resp: 752110

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 50.525 ug/l

RT: 12.688 min Scan# 1798

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030425

Tgt Ion: 91 Resp: 41598

Ion Ratio Lower Upper

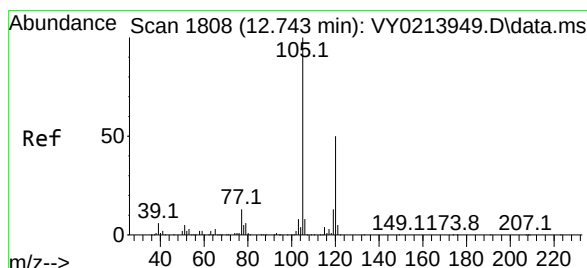
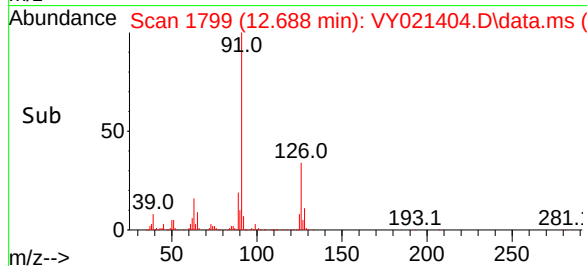
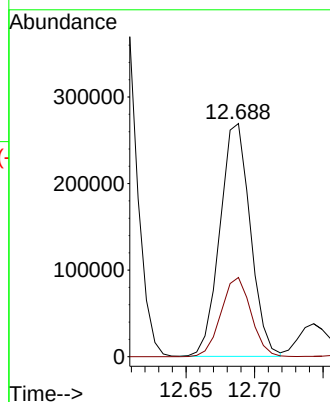
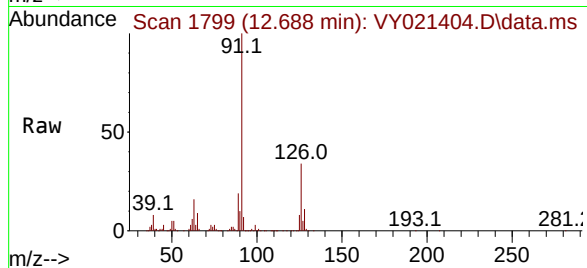
91 100

126 33.5 17.2 51.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#80

1,3,5-Trimethylbenzene

Concen: 52.113 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY021404.D

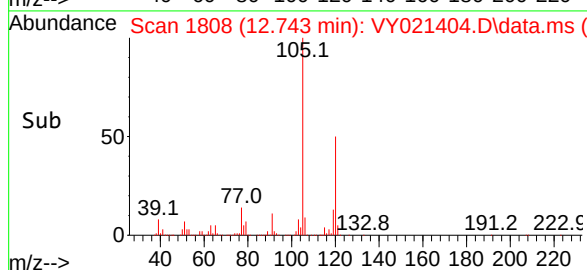
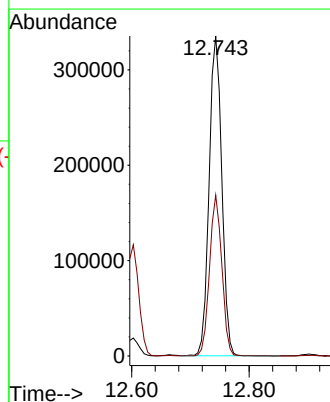
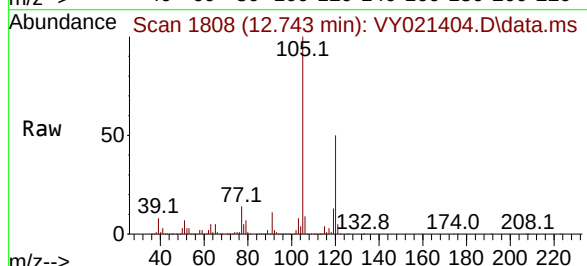
Acq: 04 Mar 2025 13:12

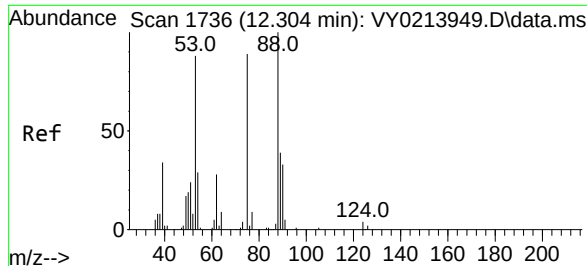
Tgt Ion:105 Resp: 502113

Ion Ratio Lower Upper

105 100

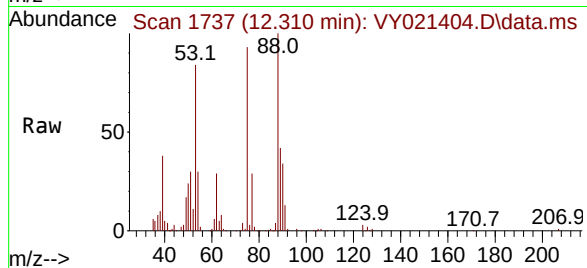
120 48.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 45.578 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

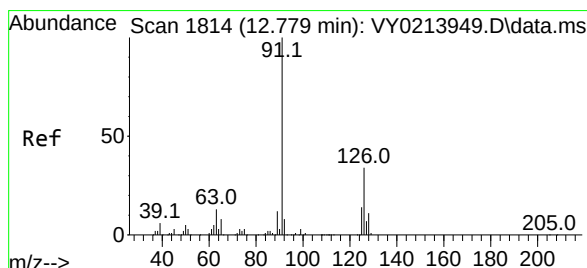
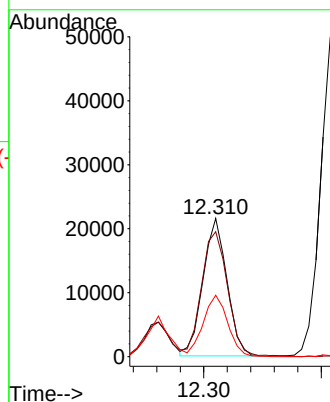
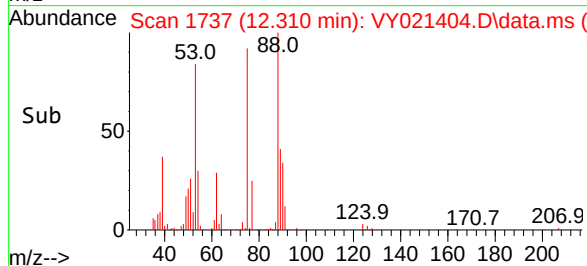
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425



Tgt Ion: 75 Resp: 30408
Ion Ratio Lower Upper
75 100
53 98.4 81.0 121.4
89 45.8 36.9 55.3

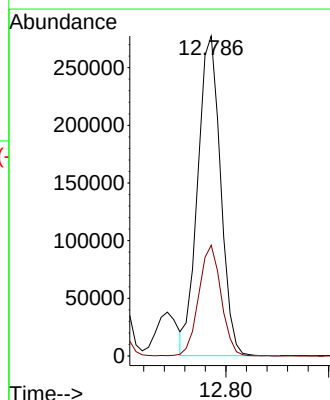
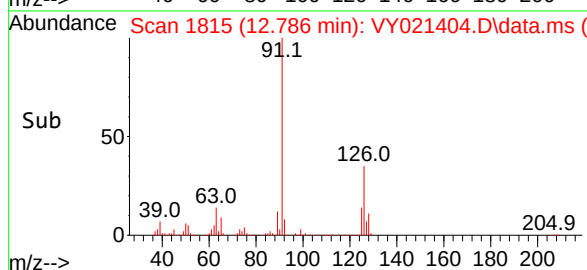
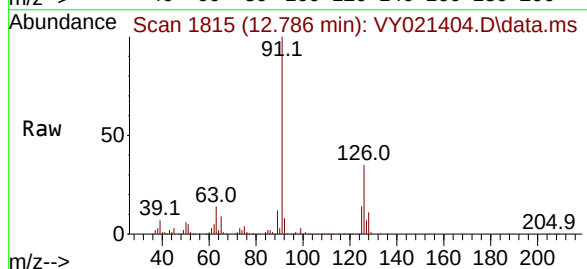
Manual Integrations
APPROVED

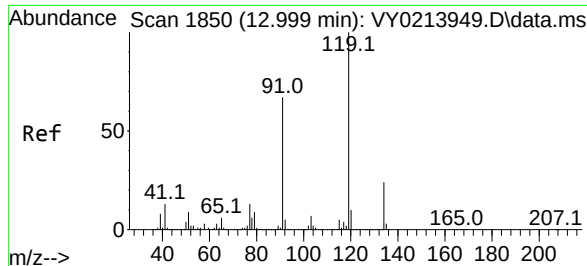
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#82
4-Chlorotoluene
Concen: 50.122 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 91 Resp: 427326
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 53.088 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

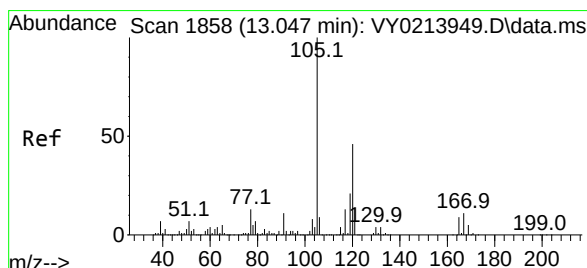
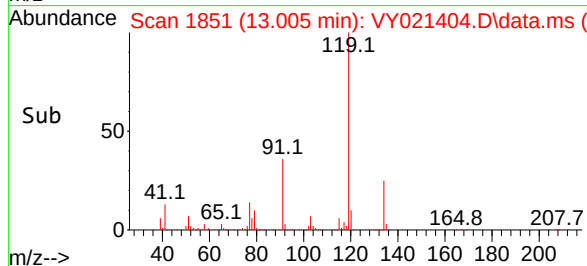
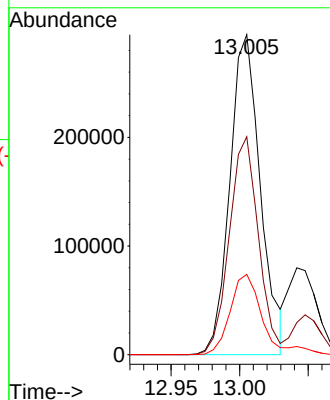
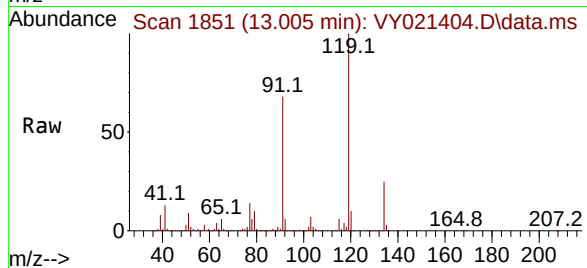
ICVY030425

Tgt Ion:	119	Resp:	456314
Ion	Ratio	Lower	Upper
119	100		
91	64.8	33.2	99.6
134	26.7	13.5	40.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.510 ug/l

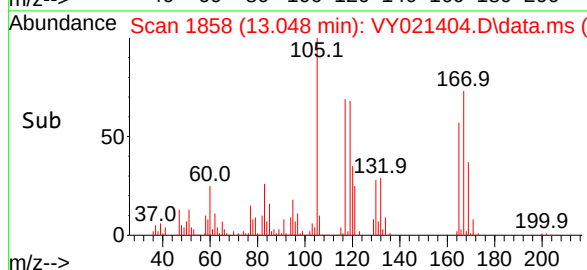
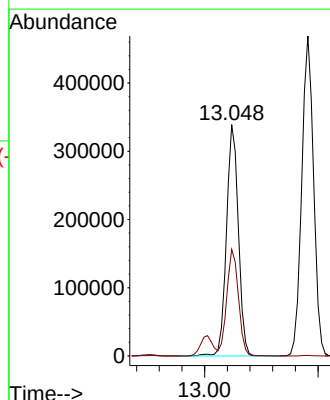
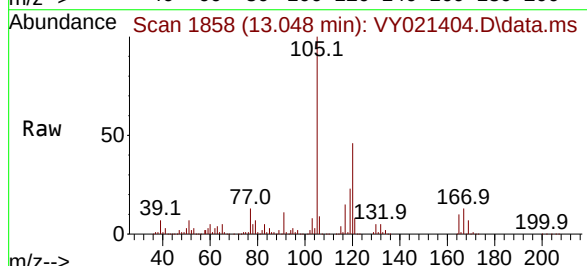
RT: 13.048 min Scan# 1858

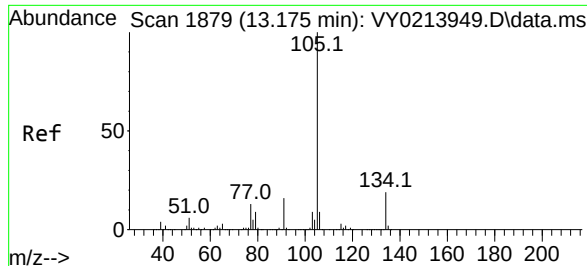
Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion:	105	Resp:	492767
Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.1





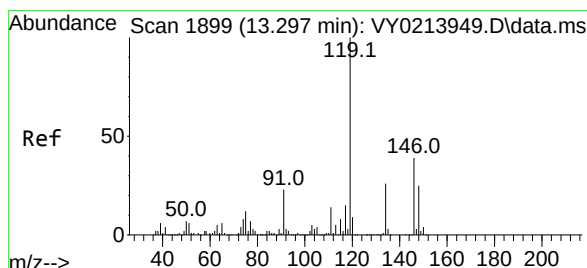
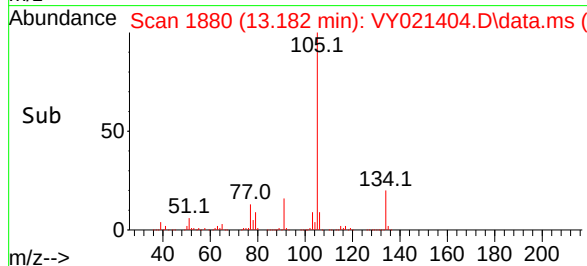
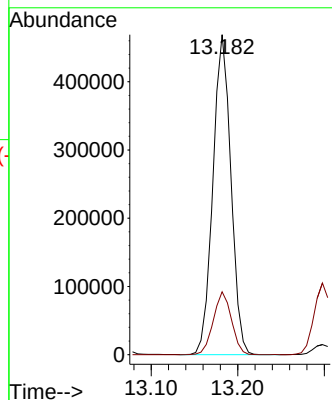
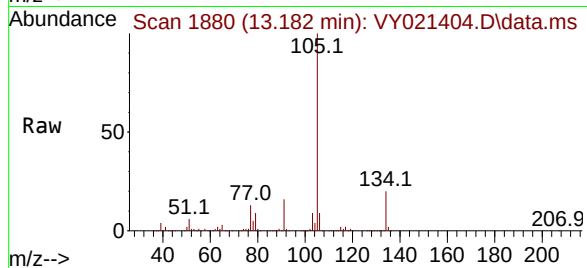
#85
 sec-Butylbenzene
 Concen: 52.908 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.007 min
 Lab File: VY021404.D
 Acq: 04 Mar 2025 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

Tgt Ion:105 Resp: 67662
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

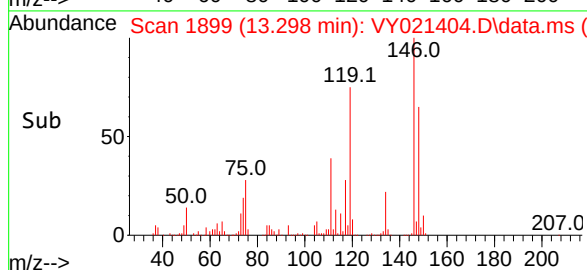
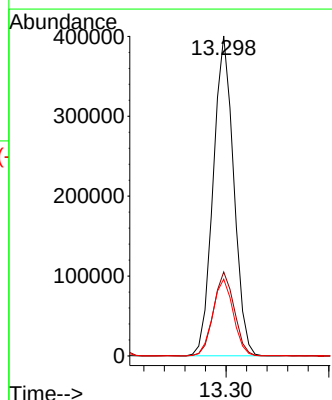
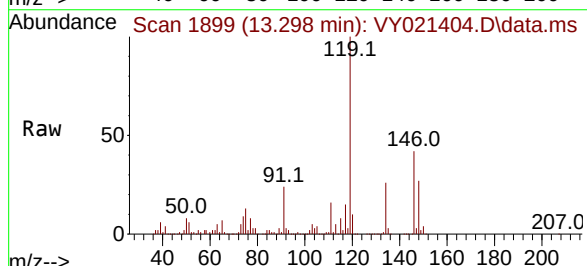
Manual Integrations
 APPROVED

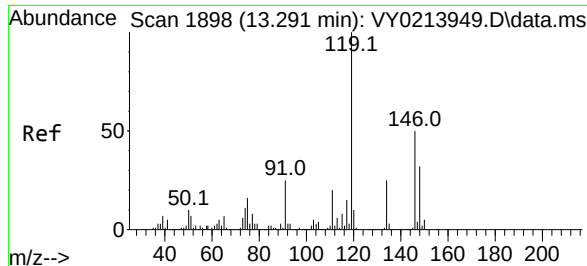
Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025



#86
 p-Isopropyltoluene
 Concen: 52.556 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: VY021404.D
 Acq: 04 Mar 2025 13:12

Tgt Ion:119 Resp: 553730
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 24.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 48.728 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

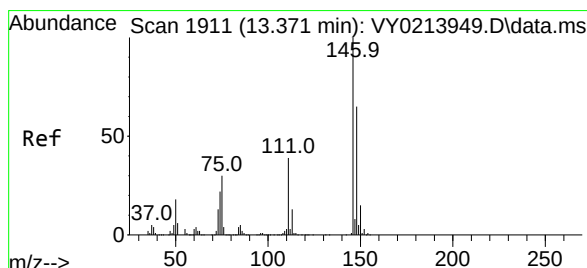
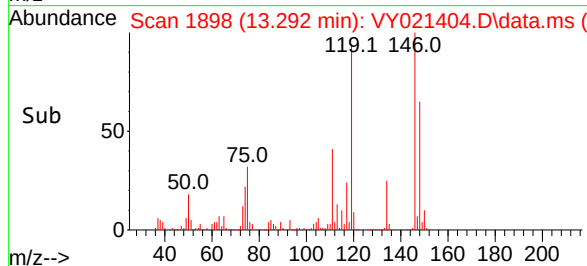
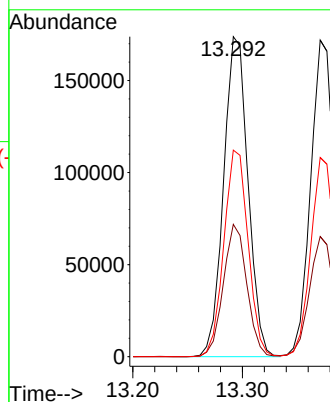
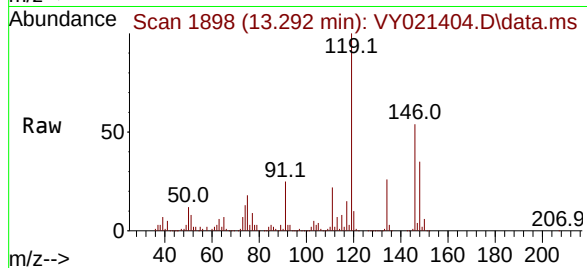
ICVY030425

Tgt Ion:	146	Resp:	269044
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#88

1,4-Dichlorobenzene

Concen: 48.331 ug/l

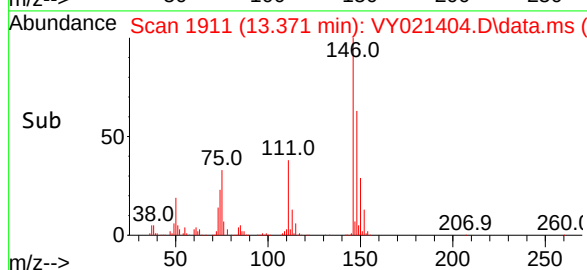
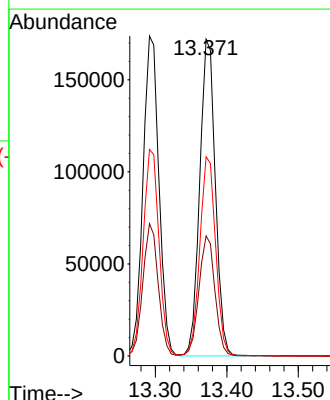
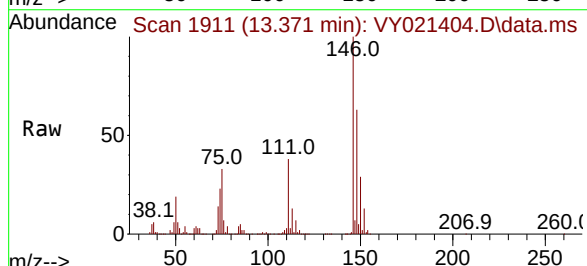
RT: 13.371 min Scan# 1911

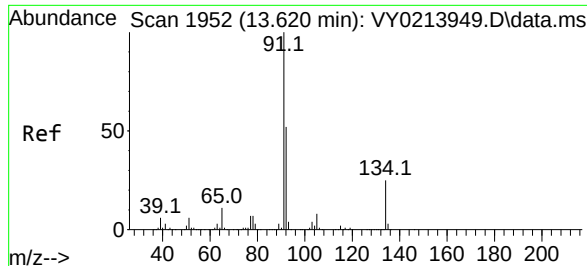
Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion:	146	Resp:	260977
Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.8
148	63.9	32.3	96.8





#89

n-Butylbenzene

Concen: 53.606 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

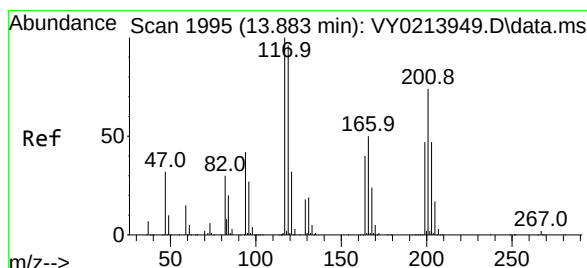
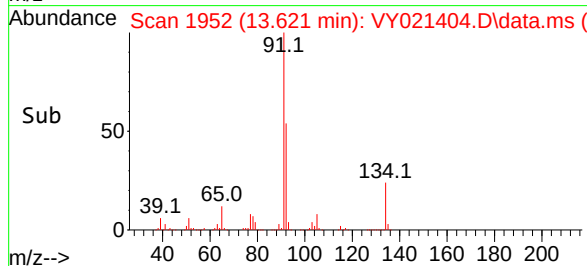
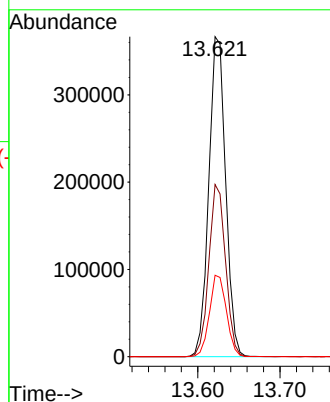
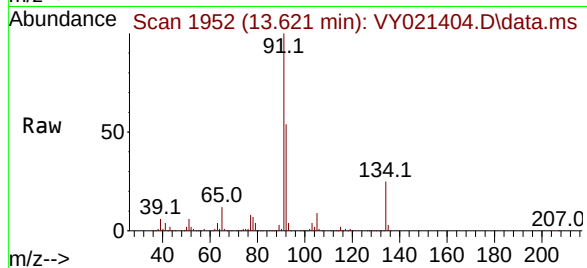
ICVVY030425

Tgt Ion:	91	Resp:	52153
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.1	78.3
134	25.6	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#90

Hexachloroethane

Concen: 50.084 ug/l

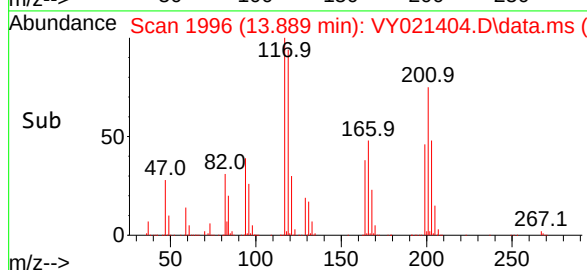
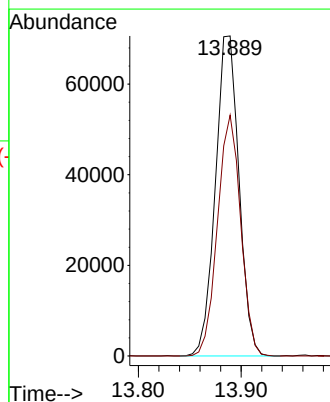
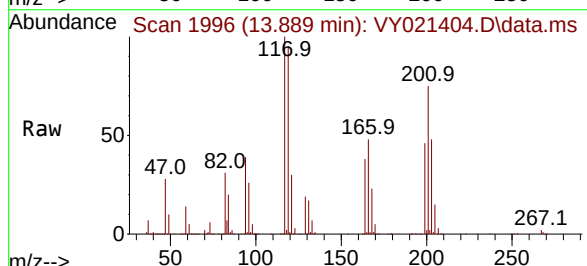
RT: 13.889 min Scan# 1996

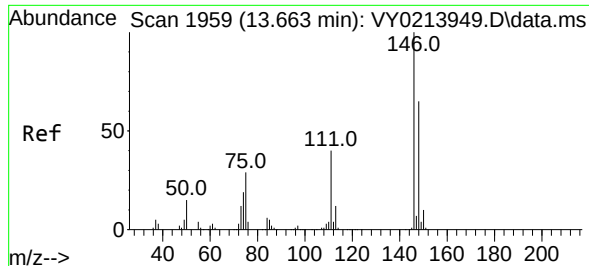
Delta R.T. 0.007 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

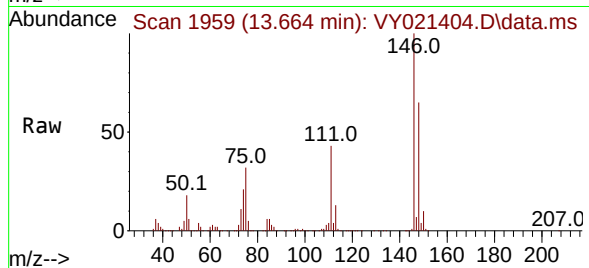
Tgt Ion:	117	Resp:	112571
Ion	Ratio	Lower	Upper
117	100		
201	73.7	37.4	112.2





#91
1,2-Dichlorobenzene
Concen: 47.985 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

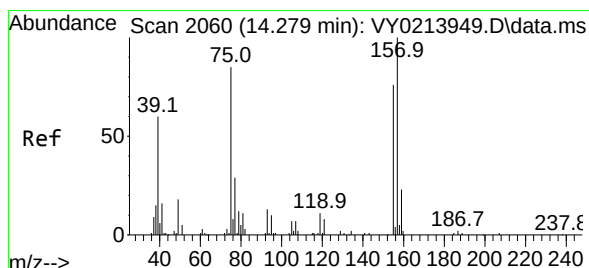
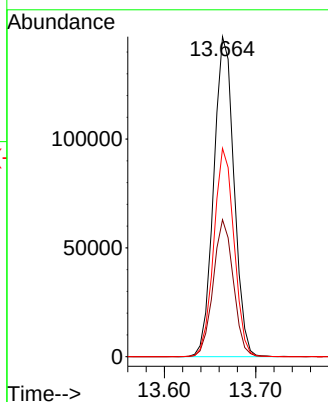
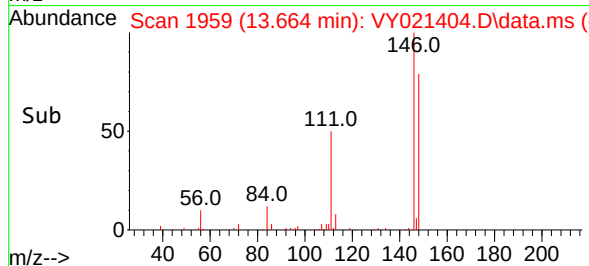
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030425



Tgt Ion:146 Resp: 227078
Ion Ratio Lower Upper
146 100
111 42.3 20.7 62.1
148 64.7 32.1 96.5

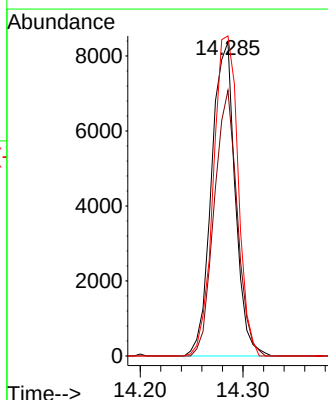
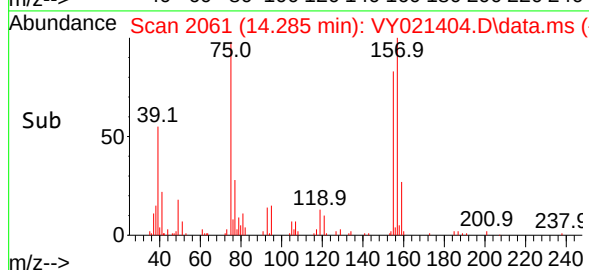
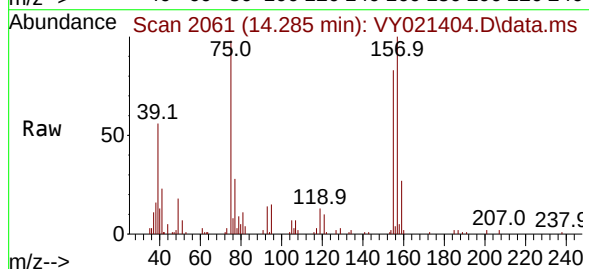
Manual Integrations
APPROVED

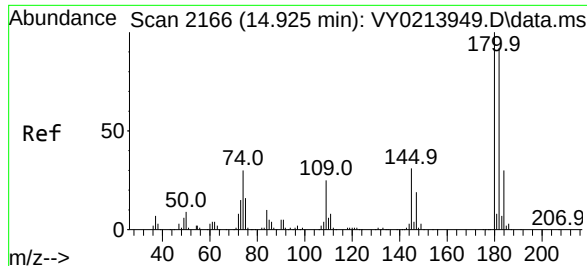
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.654 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.007 min
Lab File: VY021404.D
Acq: 04 Mar 2025 13:12

Tgt Ion: 75 Resp: 13368
Ion Ratio Lower Upper
75 100
155 82.4 43.5 130.5
157 106.4 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 49.388 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

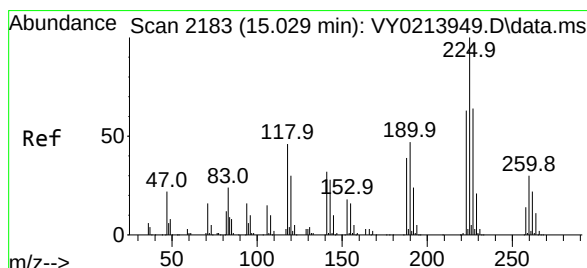
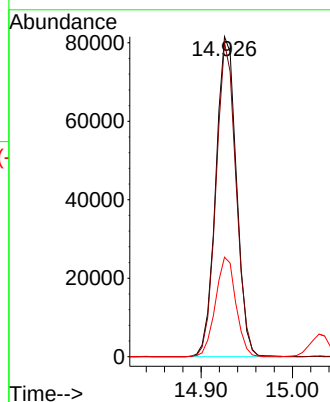
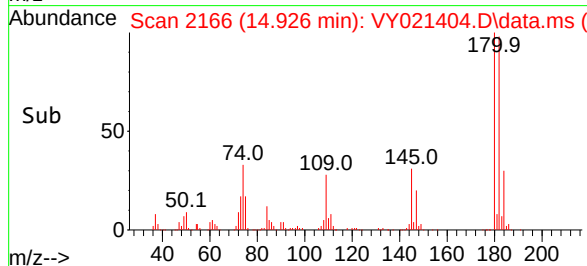
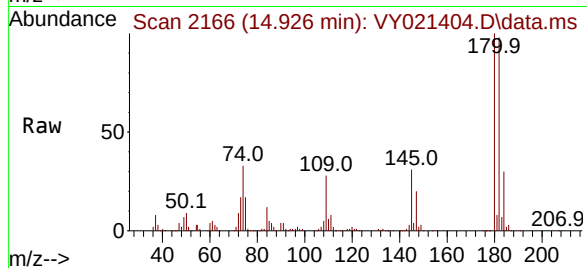
ICVVY030425

Tgt Ion:180	Resp:	12765
Ion Ratio	Lower	Upper
180	100	
182	95.5	46.7 140.0
145	30.9	15.6 46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#94

Hexachlorobutadiene

Concen: 52.186 ug/l

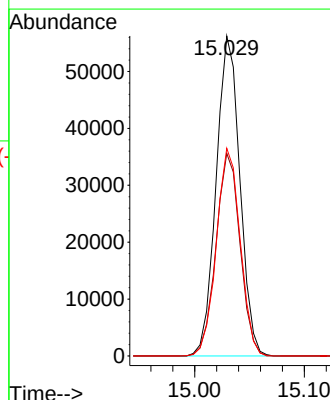
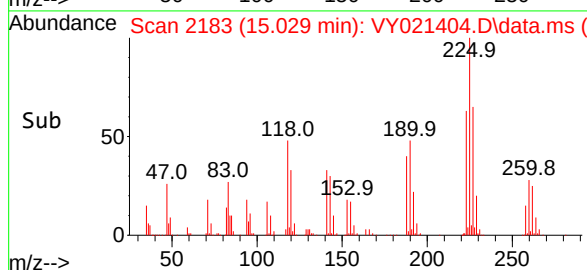
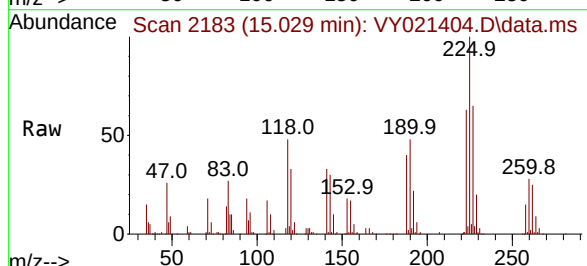
RT: 15.029 min Scan# 2183

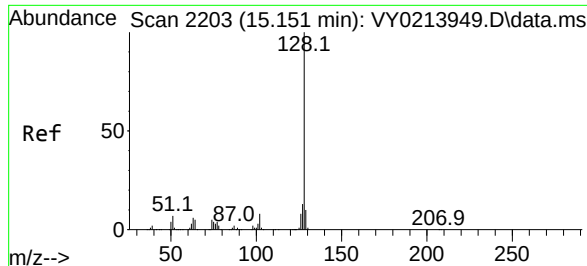
Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion:225	Resp:	84554
Ion Ratio	Lower	Upper
225	100	
223	64.2	31.4 94.2
227	65.2	31.8 95.4





#95

Naphthalene

Concen: 45.480 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Instrument :

MSVOA_Y

ClientSampleId :

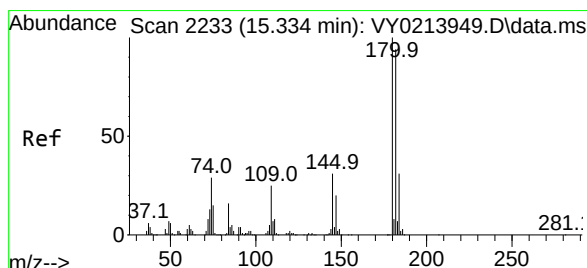
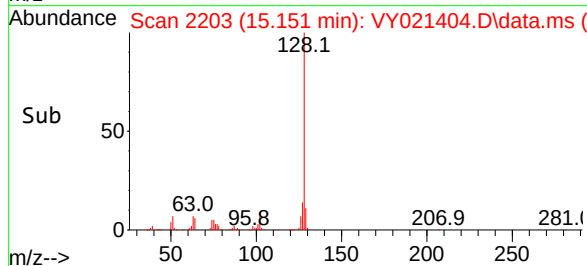
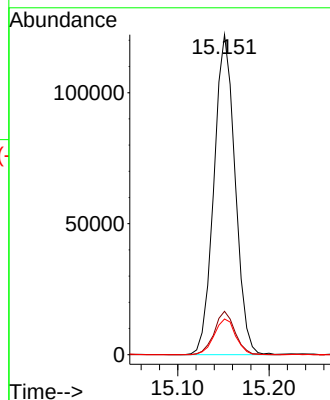
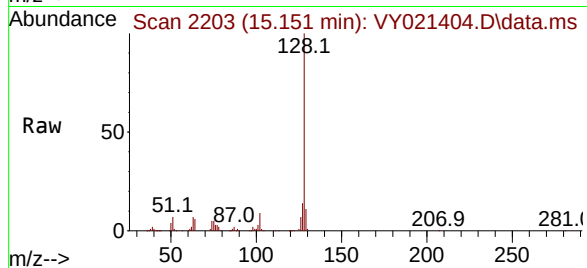
ICVY030425

Tgt Ion:	128	Resp:	19634
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	11.3	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.639 ug/l

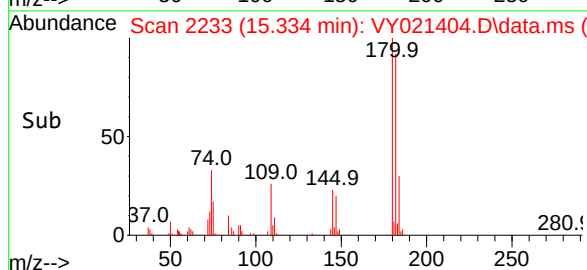
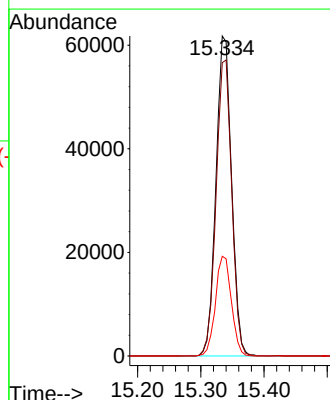
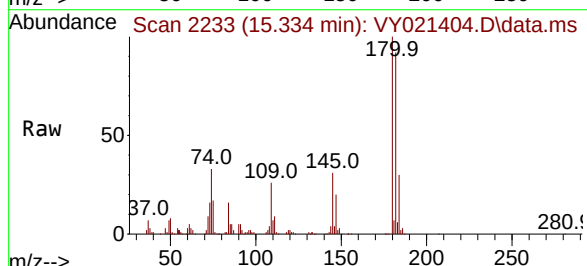
RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021404.D

Acq: 04 Mar 2025 13:12

Tgt Ion:	180	Resp:	105737
Ion Ratio	Lower	Upper	
180	100		
182	92.9	47.2	141.6
145	31.8	16.4	49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

Quant Time: Mar 05 04:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 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	97	0.00
2 T	Dichlorodifluoromethane	0.459	0.432	5.9	93	0.00
3 P	Chloromethane	0.647	0.635	1.9	99	0.00
4 C	Vinyl Chloride	0.707	0.710	-0.4#	99	0.00
5 T	Bromomethane	0.511	0.473	7.4	98	0.00
6 T	Chloroethane	0.467	0.457	2.1	96	0.00
7 T	Trichlorofluoromethane	0.987	0.967	2.0	97	0.00
8 T	Diethyl Ether	0.273	0.250	8.4	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.542	3.7	97	0.00
10 T	Methyl Iodide	0.573	0.554	3.3	85	0.00
11 T	Tert butyl alcohol	0.041	0.030	26.8#	75	0.00
12 CM	1,1-Dichloroethene	0.514	0.508	1.2#	97	0.00
13 T	Acrolein	0.027	0.005	81.5#	103	0.00
14 T	Allyl chloride	0.830	0.838	-1.0	96	0.00
15 T	Acrylonitrile	0.116	0.102	12.1	79	0.00
16 T	Acetone	0.115	0.111	3.5	80	0.00
17 T	Carbon Disulfide	1.610	1.625	-0.9	96	0.00
18 T	Methyl Acetate	0.256	0.228	10.9	77	0.00
19 T	Methyl tert-butyl Ether	1.302	1.178	9.5	83	0.00
20 T	Methylene Chloride	0.605	0.531	12.2	93	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.553	3.8	95	0.00
22 T	Diisopropyl ether	1.789	1.729	3.4	90	0.00
23 T	Vinyl Acetate	1.021	0.955	6.5	83	0.00
24 P	1,1-Dichloroethane	1.056	1.019	3.5	94	0.00
25 T	2-Butanone	0.159	0.142	10.7	76	0.00
26 T	2,2-Dichloropropane	0.971	0.944	2.8	97	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.634	2.9	94	0.00
28 T	Bromochloromethane	0.443	0.497	-12.2	103	0.00
29 T	Tetrahydrofuran	0.098	0.084	14.3	74	0.00
30 C	Chloroform	1.096	1.047	4.5#	93	0.00
31 T	Cyclohexane	0.990	0.945	4.5	97	0.00
32 T	1,1,1-Trichloroethane	1.004	0.978	2.6	97	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.527	0.2	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.329	0.335	-1.8	111	0.00
36 T	1,1-Dichloropropene	0.514	0.503	2.1	95	0.00
37 T	Ethyl Acetate	0.227	0.196	13.7	78	0.00
38 T	Carbon Tetrachloride	0.592	0.577	2.5	97	0.00
39 T	Methylcyclohexane	0.631	0.653	-3.5	98	0.00
40 TM	Benzene	1.515	1.471	2.9	94	0.00
41 T	Methacrylonitrile	0.124	0.129	-4.0	96	0.03
42 TM	1,2-Dichloroethane	0.424	0.385	9.2	87	0.00
43 T	Isopropyl Acetate	0.441	0.380	13.8	77	0.00
44 TM	Trichloroethene	0.383	0.370	3.4	95	0.00
45 C	1,2-Dichloropropane	0.361	0.341	5.5#	91	0.00
46 T	Dibromomethane	0.201	0.182	9.5	84	0.00
47 T	Bromodichloromethane	0.533	0.498	6.6	89	0.00
48 T	Methyl methacrylate	0.203	0.185	8.9	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY030425

Quant Time: Mar 05 04:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 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	75	0.00
50 S	Toluene-d8	1.244	1.326	-6.6	115	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.197	13.6	74	0.00
52 CM	Toluene	0.955	0.946	0.9#	94	0.00
53 T	t-1,3-Dichloropropene	0.470	0.444	5.5	87	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.538	3.4	90	0.00
55 T	1,1,2-Trichloroethane	0.263	0.235	10.6	82	0.00
56 T	Ethyl methacrylate	0.335	0.310	7.5	79	0.00
57 T	1,3-Dichloropropane	0.455	0.420	7.7	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.153	1.3	86	0.00
59 T	2-Hexanone	0.151	0.135	10.6	73	0.00
60 T	Dibromochloromethane	0.360	0.333	7.5	87	0.00
61 T	1,2-Dibromoethane	0.248	0.228	8.1	85	0.00
62 S	4-Bromofluorobenzene	0.423	0.436	-3.1	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.407	0.400	1.7	94	0.00
65 PM	Chlorobenzene	1.181	1.148	2.8	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.402	3.6	91	0.00
67 C	Ethyl Benzene	2.072	2.104	-1.5#	94	0.00
68 T	m/p-Xylenes	0.787	0.793	-0.8	92	0.00
69 T	o-Xylene	0.725	0.741	-2.2	93	0.00
70 T	Styrene	1.203	1.213	-0.8	90	0.00
71 P	Bromoform	0.233	0.214	8.2	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.939	4.111	-4.4	94	0.00
74 T	N-amyl acetate	0.855	0.780	8.8	76	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.613	11.8	78	0.00
76 T	1,2,3-Trichloropropane	0.504	0.453	10.1	85	0.00
77 T	Bromobenzene	0.921	0.888	3.6	89	0.00
78 T	n-propylbenzene	4.783	4.997	-4.5	94	0.00
79 T	2-Chlorotoluene	2.735	2.764	-1.1	93	0.00
80 T	1,3,5-Trimethylbenzene	3.201	3.336	-4.2	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.202	9.0	79	0.00
82 T	4-Chlorotoluene	2.832	2.839	-0.2	92	0.00
83 T	tert-Butylbenzene	2.855	3.032	-6.2	96	0.00
84 T	1,2,4-Trimethylbenzene	3.178	3.274	-3.0	93	0.00
85 T	sec-Butylbenzene	4.248	4.495	-5.8	96	0.00
86 T	p-Isopropyltoluene	3.500	3.679	-5.1	95	0.00
87 T	1,3-Dichlorobenzene	1.834	1.788	2.5	91	0.00
88 T	1,4-Dichlorobenzene	1.794	1.734	3.3	90	0.00
89 T	n-Butylbenzene	3.232	3.465	-7.2	95	0.00
90 T	Hexachloroethane	0.747	0.748	-0.1	95	0.00
91 T	1,2-Dichlorobenzene	1.572	1.509	4.0	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.089	14.4	76	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.848	1.3	86	0.00
94 T	Hexachlorobutadiene	0.538	0.562	-4.5	94	0.00
95 T	Naphthalene	1.390	1.305	6.1	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021404.D
Acq On : 04 Mar 2025 13:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

Quant Time: Mar 05 04:18:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 03:21:56 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	0.722	0.703	2.6	84	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

Quant Time: Mar 05 04:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	47.113	5.8	93	0.00
3 P	Chloromethane	50.000	49.075	1.8	99	0.00
4 C	Vinyl Chloride	50.000	50.231	-0.5#	99	0.00
5 T	Bromomethane	50.000	46.283	7.4	98	0.00
6 T	Chloroethane	50.000	48.912	2.2	96	0.00
7 T	Trichlorofluoromethane	50.000	49.011	2.0	97	0.00
8 T	Diethyl Ether	50.000	45.628	8.7	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.142	3.7	97	0.00
10 T	Methyl Iodide	50.000	48.336	3.3	85	0.00
11 T	Tert butyl alcohol	250.000	211.206	15.5	75	0.00
12 CM	1,1-Dichloroethene	50.000	49.424	1.2#	97	0.00
13 T	Acrolein	250.000	45.035	82.0#	103	0.00
14 T	Allyl chloride	50.000	50.500	-1.0	96	0.00
15 T	Acrylonitrile	250.000	218.213	12.7	79	0.00
16 T	Acetone	250.000	241.068	3.6	80	0.00
17 T	Carbon Disulfide	50.000	50.464	-0.9	96	0.00
18 T	Methyl Acetate	50.000	44.501	11.0	77	0.00
19 T	Methyl tert-butyl Ether	50.000	45.249	9.5	83	0.00
20 T	Methylene Chloride	50.000	43.913	12.2	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.065	3.9	95	0.00
22 T	Diisopropyl ether	50.000	48.325	3.3	90	0.00
23 T	Vinyl Acetate	250.000	233.756	6.5	83	0.00
24 P	1,1-Dichloroethane	50.000	48.243	3.5	94	0.00
25 T	2-Butanone	250.000	222.145	11.1	76	0.00
26 T	2,2-Dichloropropane	50.000	48.615	2.8	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.506	3.0	94	0.00
28 T	Bromochloromethane	50.000	56.200	-12.4	103	0.00
29 T	Tetrahydrofuran	250.000	214.177	14.3	74	0.00
30 C	Chloroform	50.000	47.758	4.5#	93	0.00
31 T	Cyclohexane	50.000	47.720	4.6	97	0.00
32 T	1,1,1-Trichloroethane	50.000	48.703	2.6	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.828	0.3	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	50.894	-1.8	111	0.00
36 T	1,1-Dichloropropene	50.000	48.866	2.3	95	0.00
37 T	Ethyl Acetate	50.000	43.078	13.8	78	0.00
38 T	Carbon Tetrachloride	50.000	48.800	2.4	97	0.00
39 T	Methylcyclohexane	50.000	51.724	-3.4	98	0.00
40 TM	Benzene	50.000	48.542	2.9	94	0.00
41 T	Methacrylonitrile	50.000	51.920	-3.8	96	0.03
42 TM	1,2-Dichloroethane	50.000	45.393	9.2	87	0.00
43 T	Isopropyl Acetate	50.000	43.036	13.9	77	0.00
44 TM	Trichloroethene	50.000	48.321	3.4	95	0.00
45 C	1,2-Dichloropropane	50.000	47.287	5.4#	91	0.00
46 T	Dibromomethane	50.000	45.413	9.2	84	0.00
47 T	Bromodichloromethane	50.000	46.755	6.5	89	0.00
48 T	Methyl methacrylate	50.000	45.652	8.7	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY030425

Quant Time: Mar 05 04:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 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	874.634	12.5	75	0.00
50 S	Toluene-d8	50.000	53.263	-6.5	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	216.781	13.3	74	0.00
52 CM	Toluene	50.000	49.486	1.0#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	47.312	5.4	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.236	3.5	90	0.00
55 T	1,1,2-Trichloroethane	50.000	44.786	10.4	82	0.00
56 T	Ethyl methacrylate	50.000	46.305	7.4	79	0.00
57 T	1,3-Dichloropropane	50.000	46.108	7.8	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.869	0.9	86	0.00
59 T	2-Hexanone	250.000	224.350	10.3	73	0.00
60 T	Dibromochloromethane	50.000	46.278	7.4	87	0.00
61 T	1,2-Dibromoethane	50.000	45.932	8.1	85	0.00
62 S	4-Bromofluorobenzene	50.000	51.560	-3.1	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	49.207	1.6	94	0.00
65 PM	Chlorobenzene	50.000	48.611	2.8	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.104	3.8	91	0.00
67 C	Ethyl Benzene	50.000	50.757	-1.5#	94	0.00
68 T	m/p-Xylenes	100.000	100.830	-0.8	92	0.00
69 T	o-Xylene	50.000	51.096	-2.2	93	0.00
70 T	Styrene	50.000	50.400	-0.8	90	0.00
71 P	Bromoform	50.000	45.886	8.2	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	52.186	-4.4	94	0.00
74 T	N-amyl acetate	50.000	45.591	8.8	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.086	11.8	78	0.00
76 T	1,2,3-Trichloropropane	50.000	44.986	10.0	85	0.00
77 T	Bromobenzene	50.000	48.194	3.6	89	0.00
78 T	n-propylbenzene	50.000	52.233	-4.5	94	0.00
79 T	2-Chlorotoluene	50.000	50.525	-1.0	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.113	-4.2	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.578	8.8	79	0.00
82 T	4-Chlorotoluene	50.000	50.122	-0.2	92	0.00
83 T	tert-Butylbenzene	50.000	53.088	-6.2	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.510	-3.0	93	0.00
85 T	sec-Butylbenzene	50.000	52.908	-5.8	96	0.00
86 T	p-Isopropyltoluene	50.000	52.556	-5.1	95	0.00
87 T	1,3-Dichlorobenzene	50.000	48.728	2.5	91	0.00
88 T	1,4-Dichlorobenzene	50.000	48.331	3.3	90	0.00
89 T	n-Butylbenzene	50.000	53.606	-7.2	95	0.00
90 T	Hexachloroethane	50.000	50.084	-0.2	95	0.00
91 T	1,2-Dichlorobenzene	50.000	47.985	4.0	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.654	14.7	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.388	1.2	86	0.00
94 T	Hexachlorobutadiene	50.000	52.186	-4.4	94	0.00
95 T	Naphthalene	50.000	45.480	9.0	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021404.D
Acq On : 04 Mar 2025 13:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030425

Quant Time: Mar 05 04:18:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 03:21:56 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	48.639	2.7	84	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.: Q1542 SAS No.: Q1542 SDG No.: Q1542

Instrument ID: MSVOA_Y Calibration Date/Time: 03/13/2025 10:31

Lab File ID: VY021516.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.459	0.420		-8.5	20
Chloromethane	0.647	0.671	0.1	3.71	20
Vinyl Chloride	0.707	0.776		9.76	20
Bromomethane	0.511	0.537		5.09	20
Chloroethane	0.467	0.562		20.34	20
Trichlorofluoromethane	0.987	1.057		7.09	20
1,1,2-Trichlorotrifluoroethane	0.563	0.560		-0.53	20
1,1-Dichloroethene	0.514	0.507		-1.36	20
Acetone	0.115	0.138		20	20
Carbon Disulfide	1.610	1.590		-1.24	20
Methyl tert-butyl Ether	1.302	1.467		12.67	20
Methyl Acetate	0.256	0.354		38.28	20
Methylene Chloride	0.605	0.601		-0.66	20
trans-1,2-Dichloroethene	0.575	0.590		2.61	20
1,1-Dichloroethane	1.056	1.117	0.1	5.78	20
Cyclohexane	0.990	0.934		-5.66	20
2-Butanone	0.159	0.190		19.5	20
Carbon Tetrachloride	0.592	0.613		3.55	20
cis-1,2-Dichloroethene	0.653	0.701		7.35	20
Bromochloromethane	0.443	0.448		1.13	20
Chloroform	1.096	1.190		8.58	20
1,1,1-Trichloroethane	1.004	1.046		4.18	20
Methylcyclohexane	0.631	0.636		0.79	20
Benzene	1.515	1.619		6.86	20
1,2-Dichloroethane	0.424	0.479		12.97	20
Trichloroethene	0.383	0.404		5.48	20
1,2-Dichloropropane	0.361	0.398		10.25	20
Bromodichloromethane	0.533	0.602		12.95	20
4-Methyl-2-Pentanone	0.228	0.288		26.32	20
Toluene	0.955	1.044		9.32	20
t-1,3-Dichloropropene	0.470	0.542		15.32	20
cis-1,3-Dichloropropene	0.557	0.625		12.21	20
1,1,2-Trichloroethane	0.263	0.310		17.87	20
2-Hexanone	0.151	0.197		30.46	20
Dibromochloromethane	0.360	0.414		15	20
1,2-Dibromoethane	0.248	0.286		15.32	20
Tetrachloroethene	0.407	0.471		15.73	20
Chlorobenzene	1.181	1.219	0.3	3.22	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.: Q1542 SAS No.: Q1542 SDG No.: Q1542

Instrument ID: MSVOA_Y Calibration Date/Time: 03/13/2025 10:31

Lab File ID: VY021516.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.072	2.155		4.01	20
m/p-Xylenes	0.787	0.832		5.72	20
o-Xylene	0.725	0.776		7.03	20
Styrene	1.203	1.345		11.8	20
Bromoform	0.233	0.268	0.1	15.02	20
Isopropylbenzene	3.939	3.887		-1.32	20
1,1,2,2-Tetrachloroethane	0.695	0.712	0.3	2.45	20
1,3-Dichlorobenzene	1.834	1.840		0.33	20
1,4-Dichlorobenzene	1.794	1.814		1.12	20
1,2-Dichlorobenzene	1.572	1.632		3.82	20
1,2-Dibromo-3-Chloropropane	0.104	0.114		9.61	20
1,2,4-Trichlorobenzene	0.859	0.952		10.83	20
1,2,3-Trichlorobenzene	0.722	0.829		14.82	20
1,2-Dichloroethane-d4	0.528	0.596		12.88	20
Dibromofluoromethane	0.329	0.362		10.03	20
Toluene-d8	1.244	1.328		6.75	20
4-Bromofluorobenzene	0.423	0.468		10.64	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\VY031325\
 Data File : VY021516.D
 Acq On : 13 Mar 2025 10:31
 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: Mar 14 14:55:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	202933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	311585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	288548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	154472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	120990	56.409	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.820%	
35) Dibromofluoromethane	7.634	113	112786	55.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.140%	
50) Toluene-d8	10.103	98	413740	53.353	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.408	95	145891	55.307	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	85194	45.748	ug/l	100
3) Chloromethane	2.068	50	136071	51.827	ug/l	100
4) Vinyl Chloride	2.202	62	157407	54.862	ug/l	96
5) Bromomethane	2.592	94	108959	52.544	ug/l	94
6) Chloroethane	2.732	64	113994	60.121	ug/l	94
7) Trichlorofluoromethane	3.056	101	214511	53.565	ug/l	98
8) Diethyl Ether	3.452	74	60840	54.820	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	113597	49.683	ug/l	99
10) Methyl Iodide	4.001	142	129221	55.598	ug/l	99
11) Tert butyl alcohol	4.860	59	40220	292.213	ug/l	100
12) 1,1-Dichloroethene	3.787	96	102981	49.402	ug/l	99
13) Acrolein	3.647	56	4546	41.669	ug/l	85
14) Allyl chloride	4.378	41	175098	51.977	ug/l	100
15) Acrylonitrile	5.055	53	139154	294.544	ug/l	99
16) Acetone	3.866	43	139726	298.676	ug/l	95
17) Carbon Disulfide	4.104	76	322690	49.395	ug/l	99
18) Methyl Acetate	4.385	43	71740	69.113	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	297681	56.342	ug/l	99
20) Methylene Chloride	4.616	84	122043	49.698	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	119645	51.250	ug/l	95
22) Diisopropyl ether	6.018	45	402866	55.491	ug/l	96
23) Vinyl Acetate	5.957	43	1173804	283.301	ug/l	100
24) 1,1-Dichloroethane	5.915	63	226621	52.889	ug/l	98
25) 2-Butanone	6.890	43	193179	298.515	ug/l	99
26) 2,2-Dichloropropane	6.884	77	195235	49.520	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	142203	53.619	ug/l	99
28) Bromochloromethane	7.244	49	90992	50.653	ug/l	99
29) Tetrahydrofuran	7.262	42	122004	305.386	ug/l	99
30) Chloroform	7.415	83	241406	54.256	ug/l	97
31) Cyclohexane	7.695	56	189607	47.201	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	212181	52.082	ug/l	99
36) 1,1-Dichloropropene	7.835	75	166636	51.978	ug/l	99
37) Ethyl Acetate	6.982	43	86451	61.011	ug/l	97
38) Carbon Tetrachloride	7.817	117	190903	51.777	ug/l	97
39) Methylcyclohexane	9.103	83	198260	50.417	ug/l	99
40) Benzene	8.079	78	504344	53.404	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021516.D
 Acq On : 13 Mar 2025 10:31
 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: Mar 14 14:55:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	46122	59.779	ug/l #	94
42) 1,2-Dichloroethane	8.152	62	149333	56.523	ug/l	100
43) Isopropyl Acetate	8.195	43	162340	59.018	ug/l #	89
44) Trichloroethene	8.859	130	125768	52.701	ug/l	96
45) 1,2-Dichloropropane	9.140	63	124017	55.176	ug/l	98
46) Dibromomethane	9.231	93	72478	57.954	ug/l	99
47) Bromodichloromethane	9.420	83	187512	56.459	ug/l	99
48) Methyl methacrylate	9.219	41	77107	61.046	ug/l	100
49) 1,4-Dioxane	9.225	88	16544	1347.757	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	448790	316.212	ug/l	99
52) Toluene	10.170	92	325439	54.659	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	169032	57.767	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	194644	56.028	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	96699	59.110	ug/l	98
56) Ethyl methacrylate	10.438	69	130188	62.399	ug/l	99
57) 1,3-Dichloropropane	10.719	76	164468	58.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	297839	309.241	ug/l	99
59) 2-Hexanone	10.761	43	307324	327.478	ug/l	100
60) Dibromochloromethane	10.914	129	128876	57.463	ug/l	99
61) 1,2-Dibromoethane	11.011	107	88972	57.625	ug/l	100
64) Tetrachloroethene	10.646	164	136018	57.970	ug/l	99
65) Chlorobenzene	11.438	112	351704	51.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	127877	53.082	ug/l	100
67) Ethyl Benzene	11.517	91	621851	51.995	ug/l	99
68) m/p-Xylenes	11.627	106	480269	105.773	ug/l	99
69) o-Xylene	11.956	106	223795	53.479	ug/l	99
70) Styrene	11.969	104	388175	55.915	ug/l	99
71) Bromoform	12.133	173	77304	57.403	ug/l #	99
73) Isopropylbenzene	12.255	105	600464	49.347	ug/l	100
74) N-amyl acetate	12.072	43	149611	56.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	109969	51.213	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	83268m	53.494	ug/l	
77) Bromobenzene	12.529	156	142295	49.985	ug/l	100
78) n-propylbenzene	12.597	91	731634	49.509	ug/l	100
79) 2-Chlorotoluene	12.682	91	420644	49.781	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	497679	50.329	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	35490	51.831	ug/l	96
82) 4-Chlorotoluene	12.779	91	439942	50.279	ug/l	100
83) tert-Butylbenzene	12.999	119	441150	50.008	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	502842	51.215	ug/l	99
85) sec-Butylbenzene	13.176	105	646559	49.261	ug/l	99
86) p-Isopropyltoluene	13.292	119	547718	50.653	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	284184	50.151	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	280265	50.573	ug/l	99
89) n-Butylbenzene	13.615	91	511203	51.198	ug/l	100
90) Hexachloroethane	13.883	117	112606	48.815	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	252105	51.908	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17547	54.553	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	147054	55.434	ug/l	99
94) Hexachlorobutadiene	15.023	225	86645	52.106	ug/l	99
95) Naphthalene	15.145	128	257694	56.552	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	128067	57.401	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021516.D
Acq On : 13 Mar 2025 10:31
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: Mar 14 14:55:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

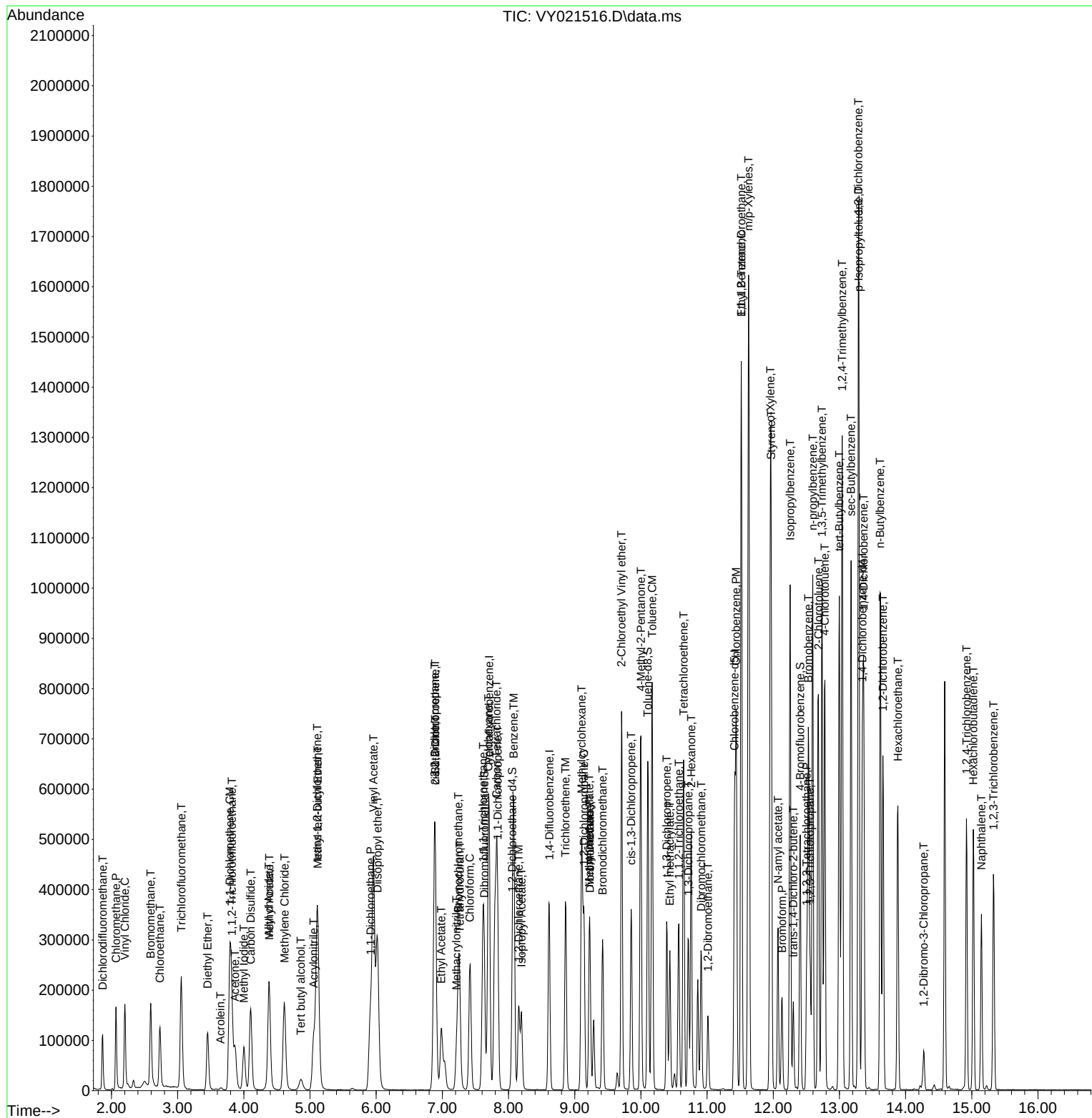
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

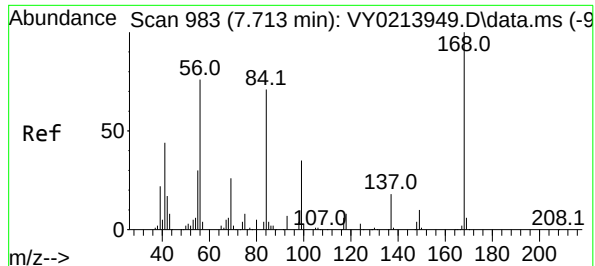
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021516.D
Acq On : 13 Mar 2025 10:31
Operator : SY/MD
Sample : VSTDC0050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Mar 14 14:55:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

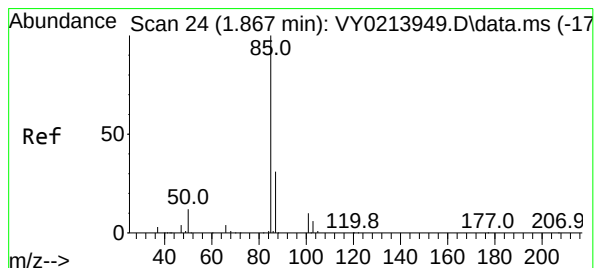
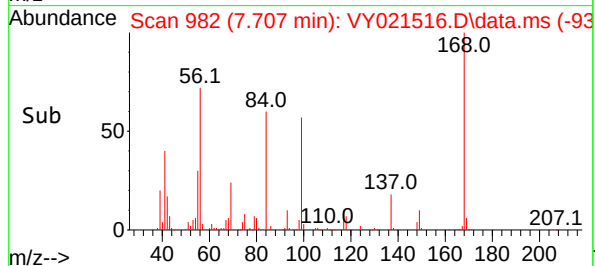
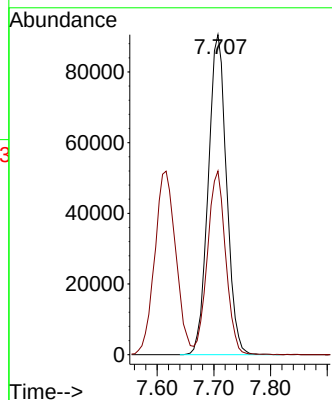
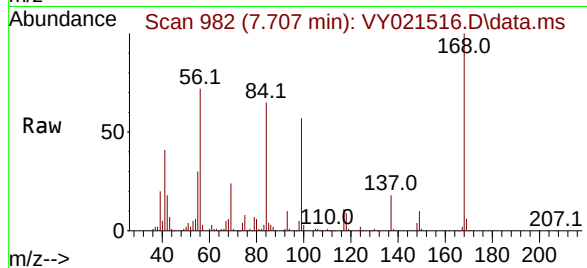




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

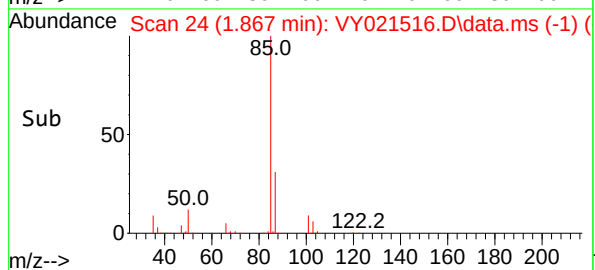
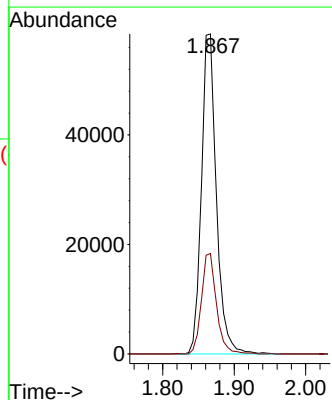
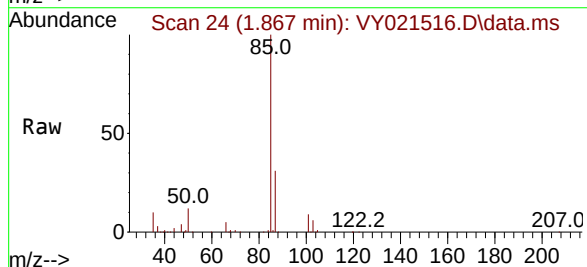
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

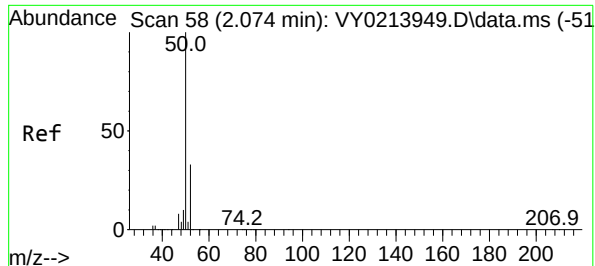
Tgt Ion:168 Resp: 202933
Ion Ratio Lower Upper
168 100
99 57.3 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 45.748 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 85 Resp: 85194
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.0

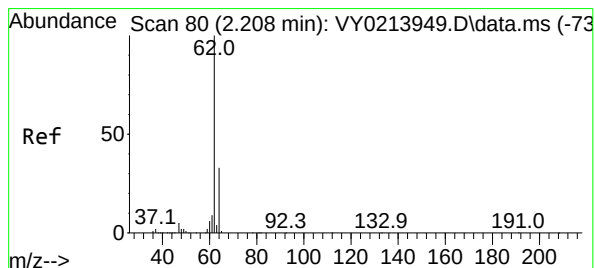
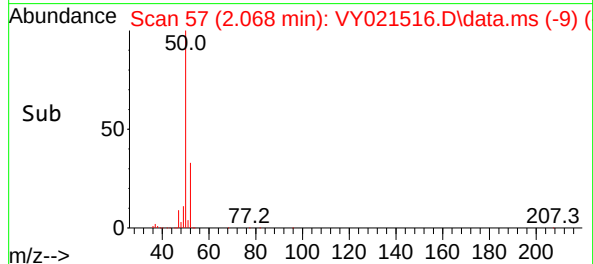
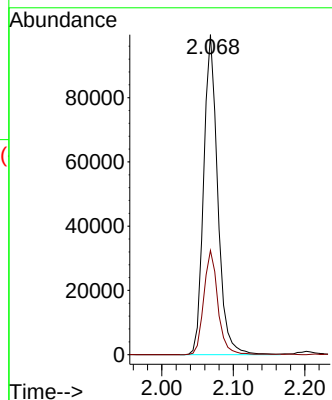
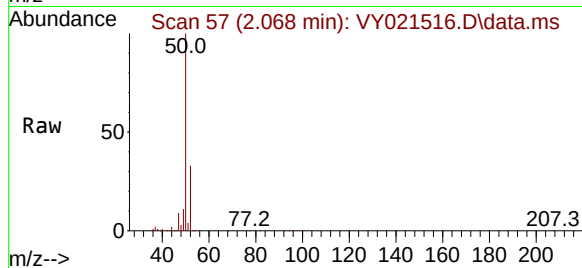




#3
Chloromethane
Concen: 51.827 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

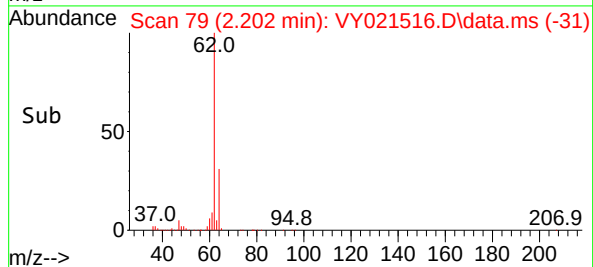
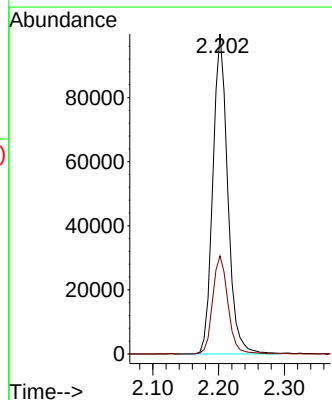
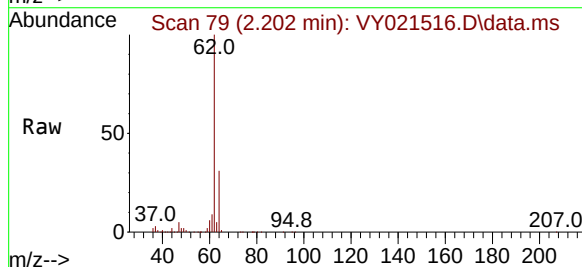
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

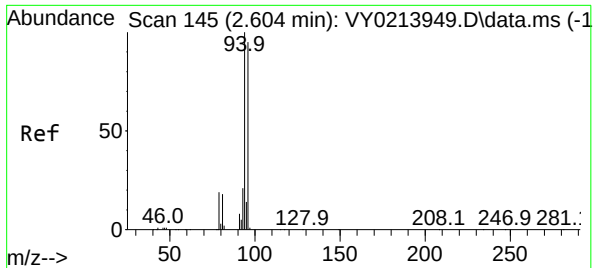
Tgt Ion: 50 Resp: 136071
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.2



#4
Vinyl Chloride
Concen: 54.862 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 62 Resp: 157407
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.2

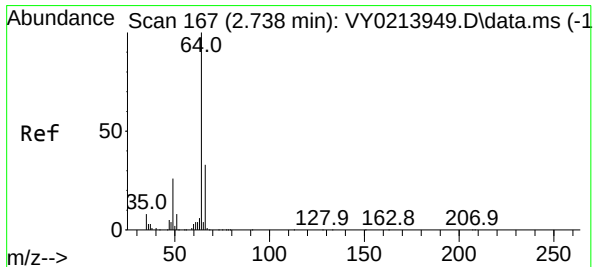
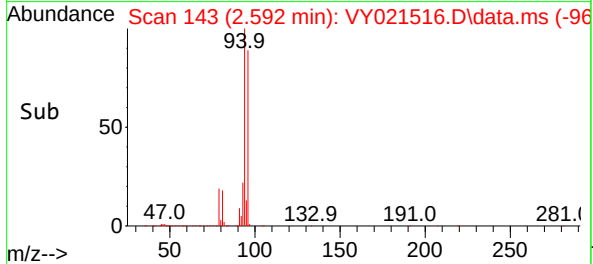
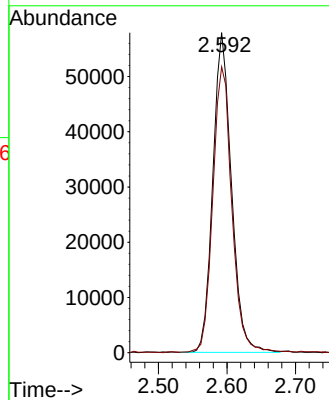
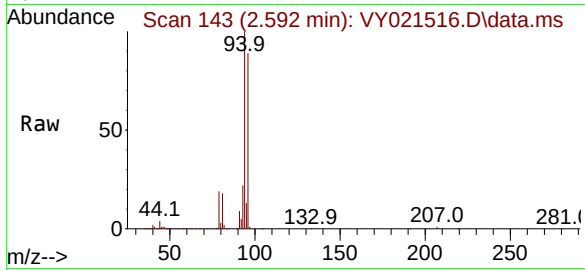




#5
Bromomethane
Concen: 52.544 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

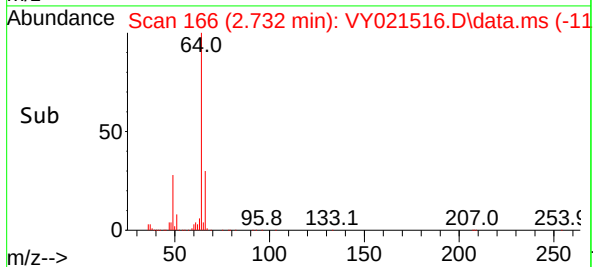
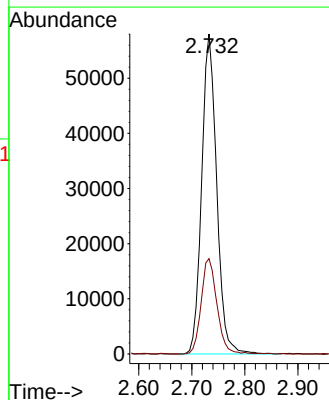
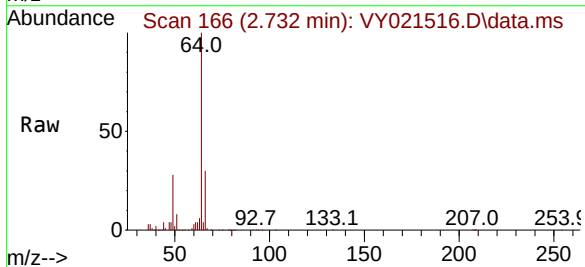
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

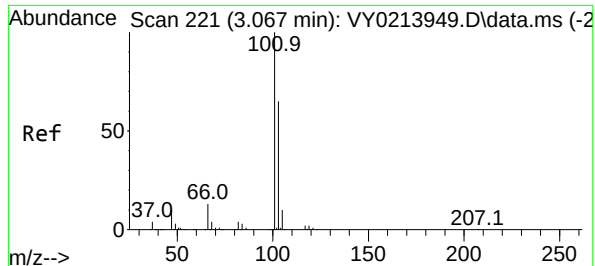
Tgt Ion: 94 Resp: 108959
Ion Ratio Lower Upper
94 100
96 89.2 76.3 114.5



#6
Chloroethane
Concen: 60.121 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 64 Resp: 113994
Ion Ratio Lower Upper
64 100
66 29.8 26.7 40.1

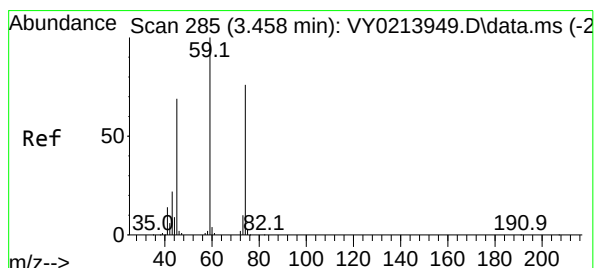
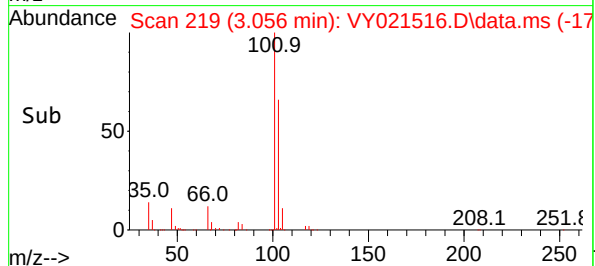
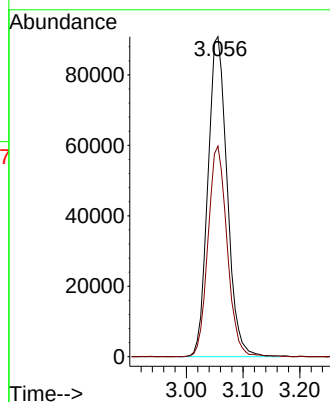
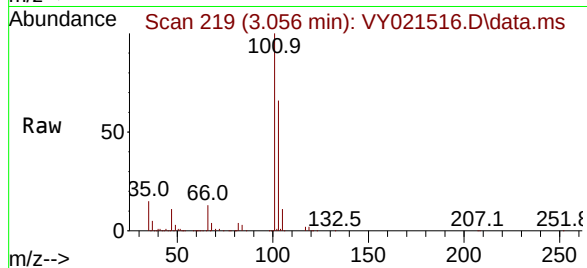




#7
 Trichlorofluoromethane
 Concen: 53.565 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

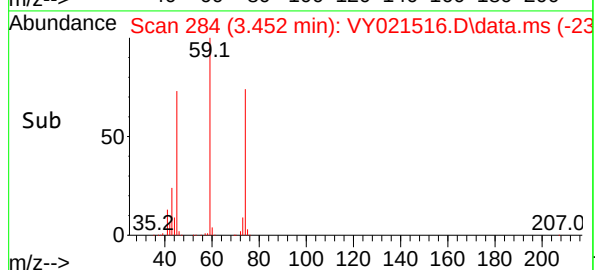
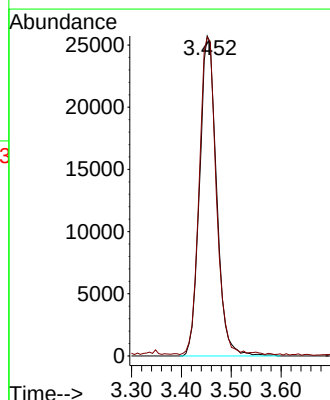
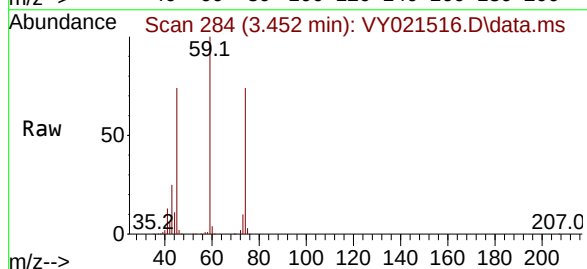
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

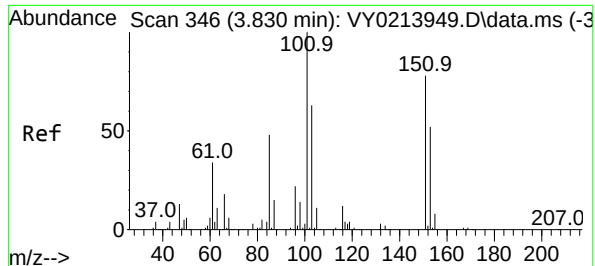
Tgt Ion:101 Resp: 214511
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.7 77.5



#8
 Diethyl Ether
 Concen: 54.820 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

Tgt Ion: 74 Resp: 60840
 Ion Ratio Lower Upper
 74 100
 45 98.9 49.7 149.1

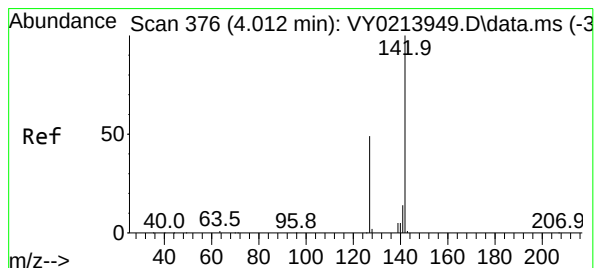
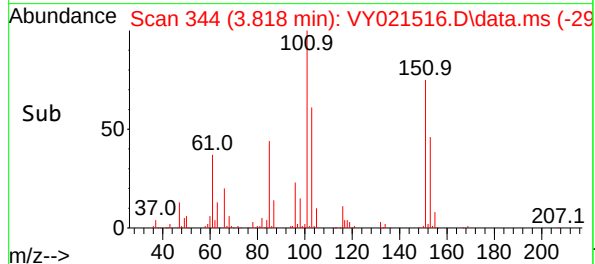
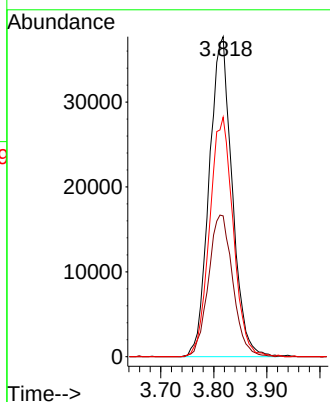
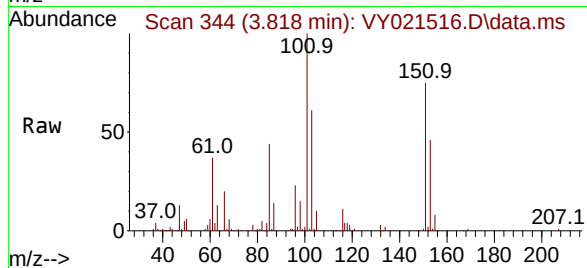




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.683 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

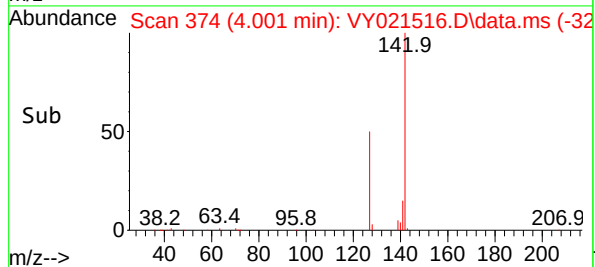
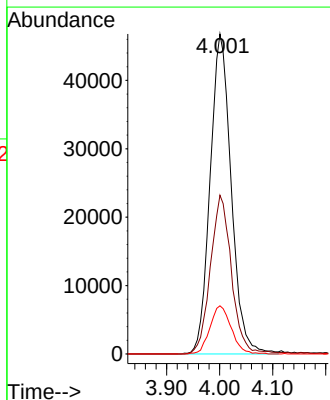
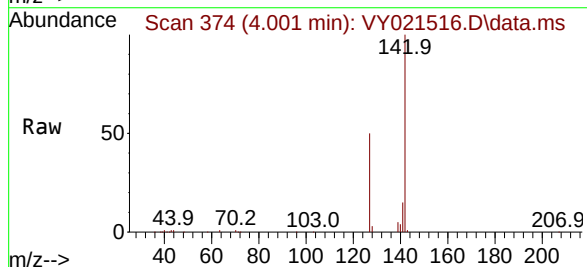
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

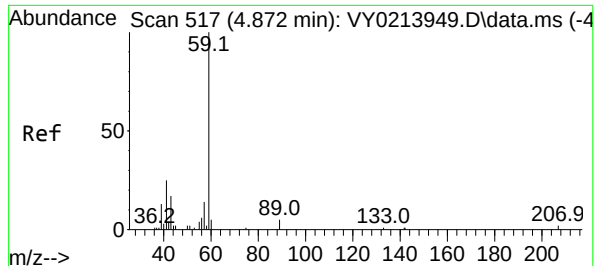
Tgt Ion:101 Resp: 113597
Ion Ratio Lower Upper
101 100
85 46.8 37.1 55.7
151 76.6 62.1 93.1



#10
Methyl Iodide
Concen: 55.598 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion:142 Resp: 129221
Ion Ratio Lower Upper
142 100
127 49.8 39.1 58.7
141 15.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 292.213 ug/l

RT: 4.860 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

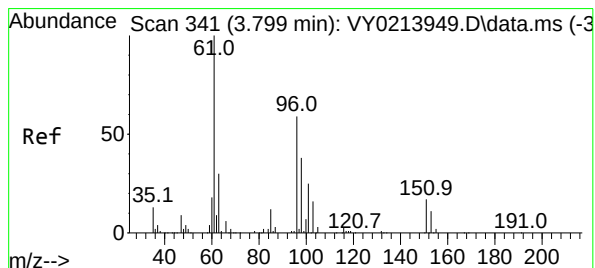
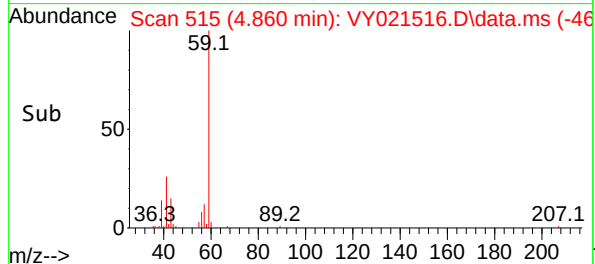
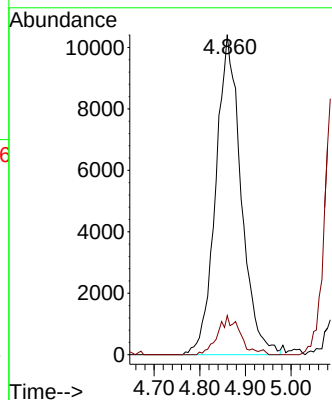
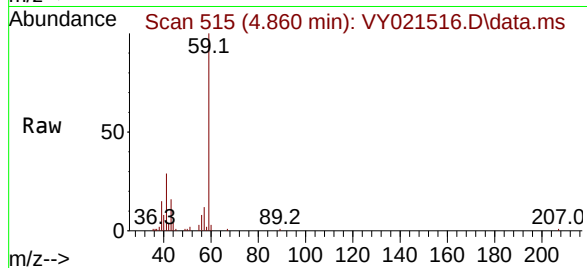
VSTDCCC050

Tgt Ion: 59 Resp: 40220

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.4



#12

1,1-Dichloroethene

Concen: 49.402 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

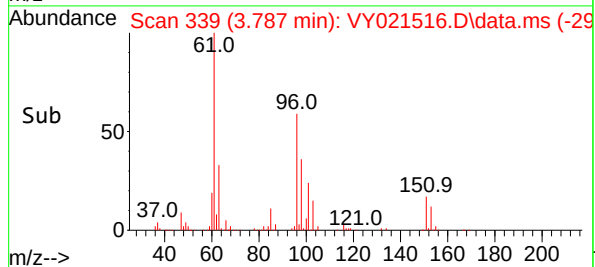
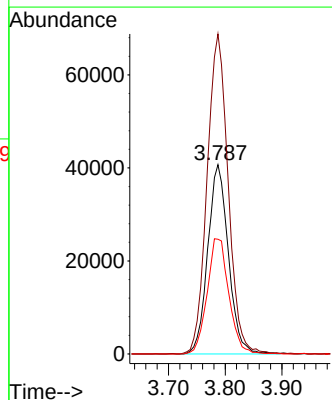
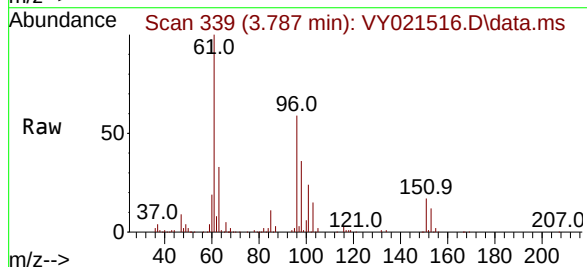
Tgt Ion: 96 Resp: 102981

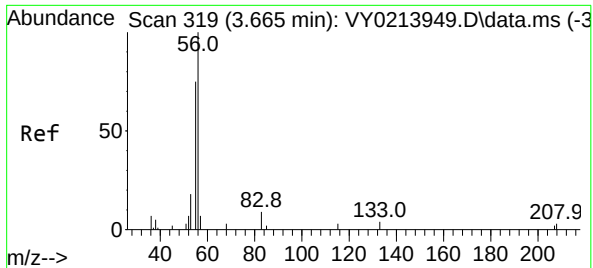
Ion Ratio Lower Upper

96 100

61 169.0 135.2 202.8

98 60.6 51.4 77.2

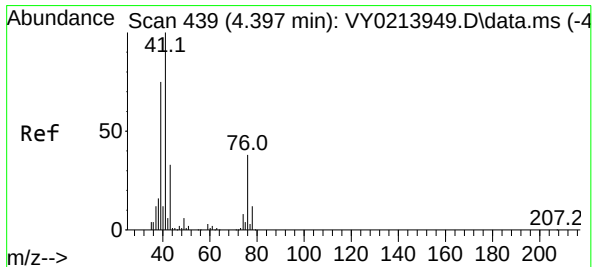
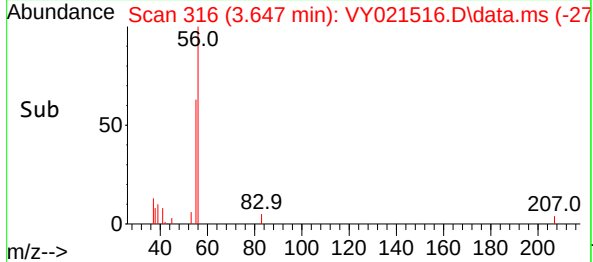
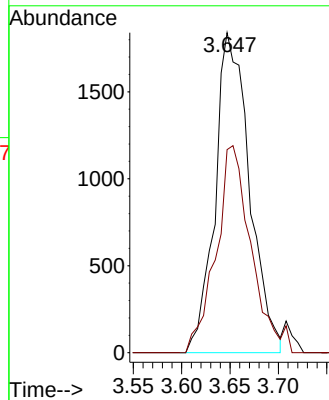
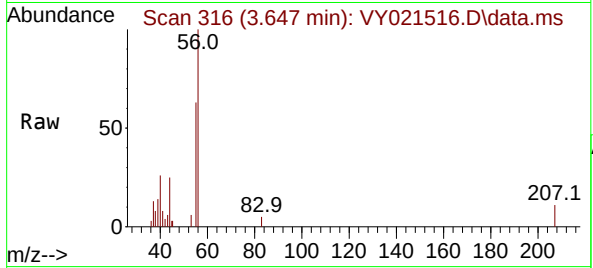




#13
Acrolein
Concen: 41.669 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

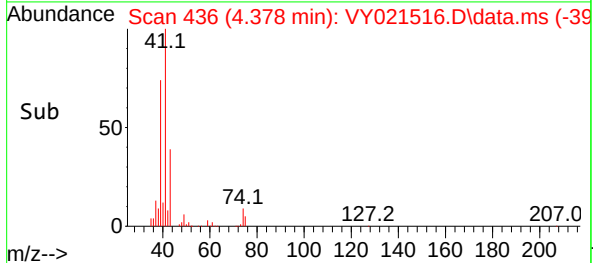
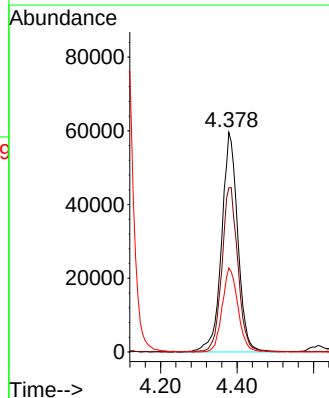
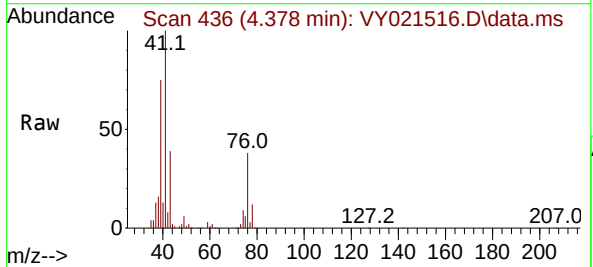
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

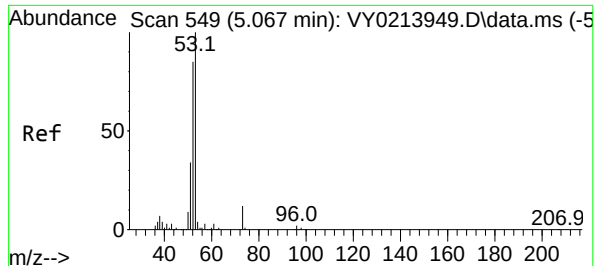
Tgt Ion: 56 Resp: 4546
Ion Ratio Lower Upper
56 100
55 66.1 63.4 95.2



#14
Allyl chloride
Concen: 51.977 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 41 Resp: 175098
Ion Ratio Lower Upper
41 100
39 74.4 59.3 88.9
76 37.2 29.8 44.8





#15

Acrylonitrile

Concen: 294.544 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.012 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

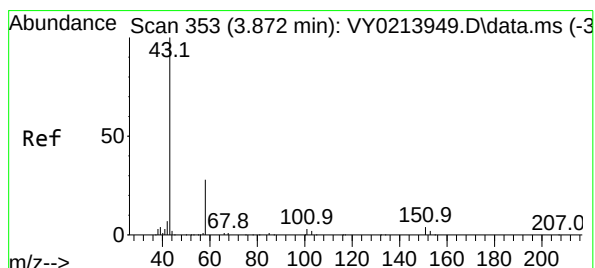
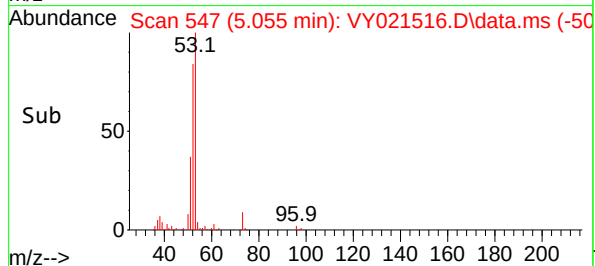
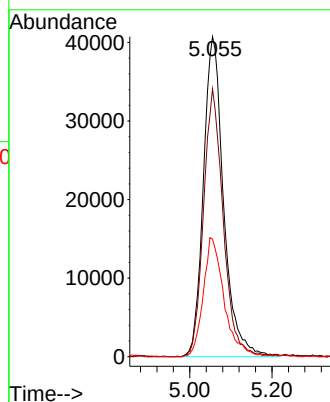
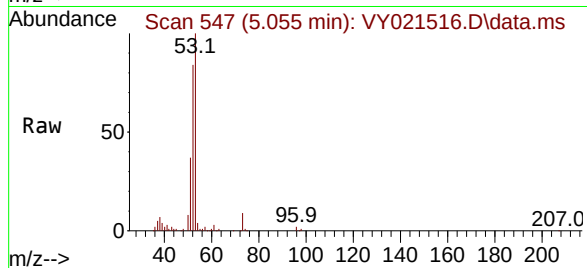
Tgt Ion: 53 Resp: 139154

Ion Ratio Lower Upper

53 100

52 81.4 66.3 99.5

51 38.3 30.3 45.5



#16

Acetone

Concen: 298.676 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY021516.D

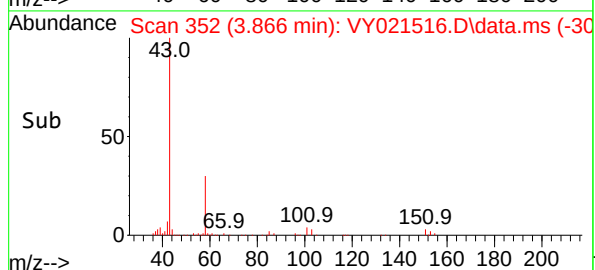
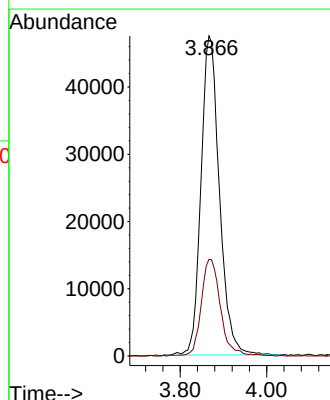
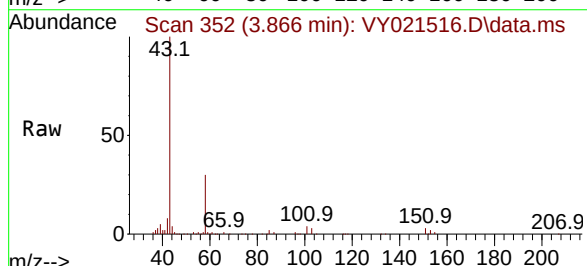
Acq: 13 Mar 2025 10:31

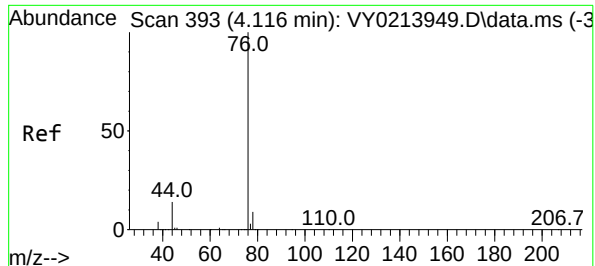
Tgt Ion: 43 Resp: 139726

Ion Ratio Lower Upper

43 100

58 30.1 22.1 33.1





#17

Carbon Disulfide

Concen: 49.395 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.012 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

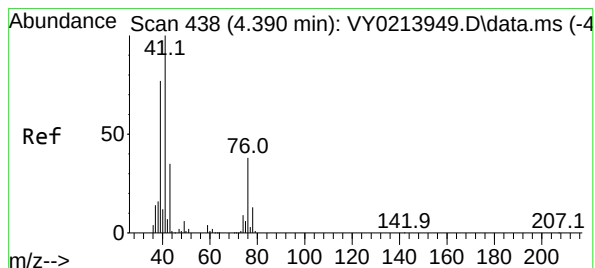
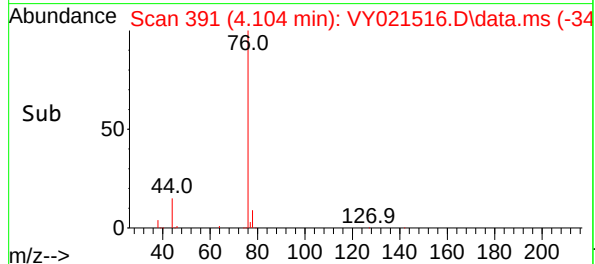
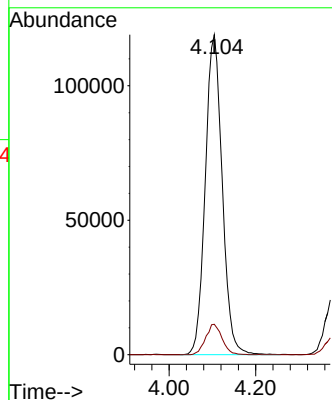
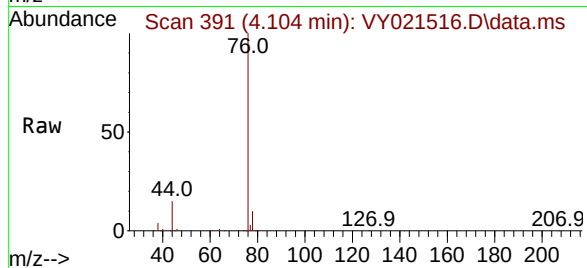
VSTDCCC050

Tgt Ion: 76 Resp: 322690

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



#18

Methyl Acetate

Concen: 69.113 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY021516.D

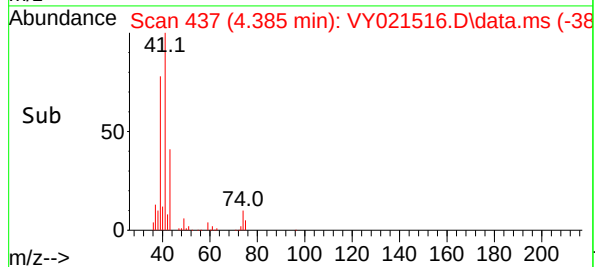
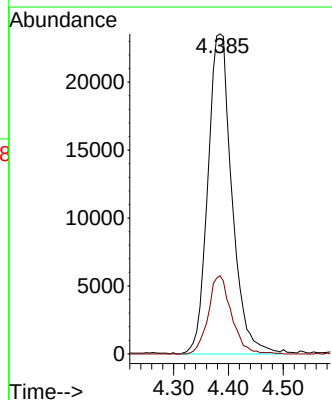
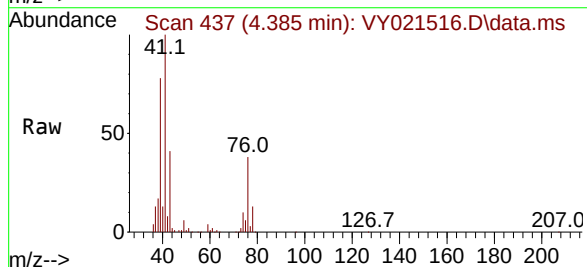
Acq: 13 Mar 2025 10:31

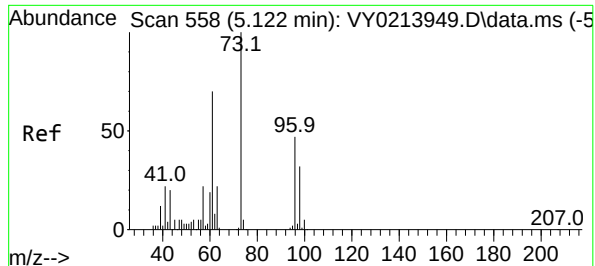
Tgt Ion: 43 Resp: 71740

Ion Ratio Lower Upper

43 100

74 23.6 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 56.342 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

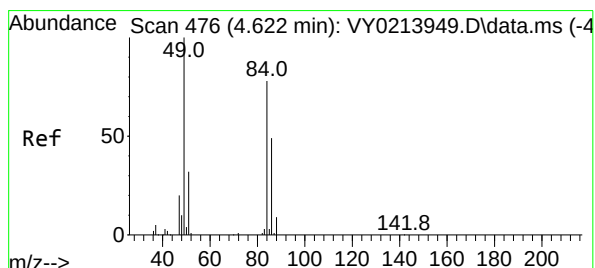
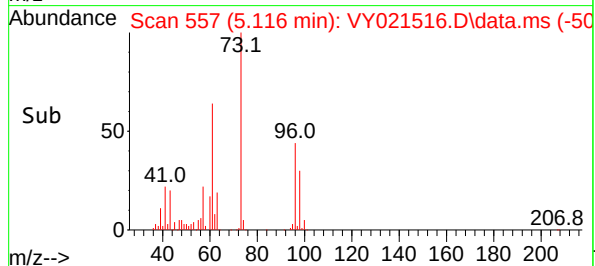
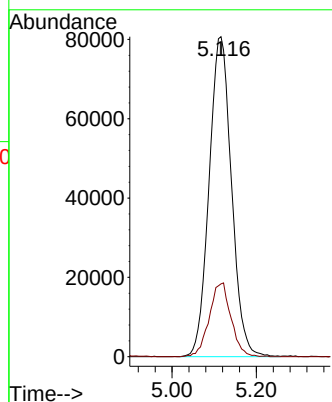
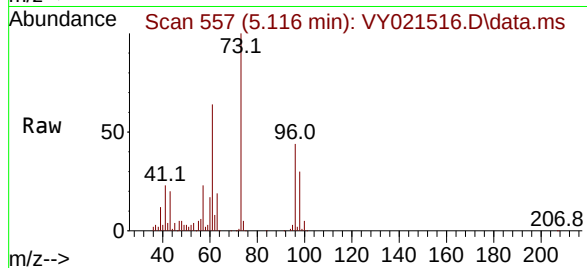
VSTDCCC050

Tgt Ion: 73 Resp: 297681

Ion Ratio Lower Upper

73 100

57 22.7 17.9 26.9



#20

Methylene Chloride

Concen: 49.698 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Tgt Ion: 84 Resp: 122043

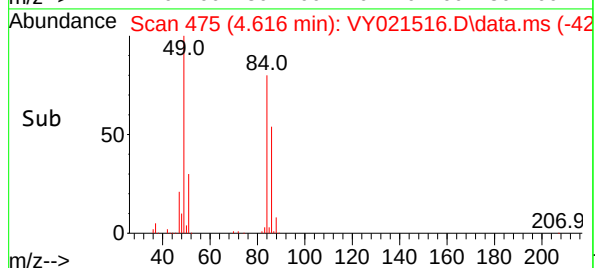
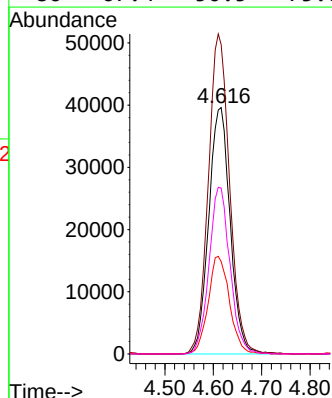
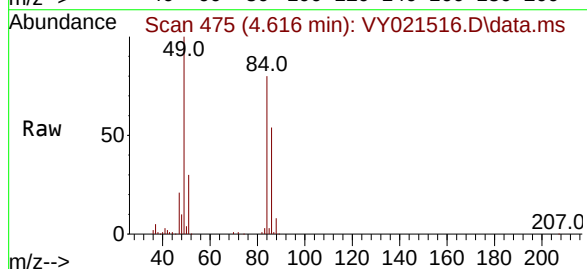
Ion Ratio Lower Upper

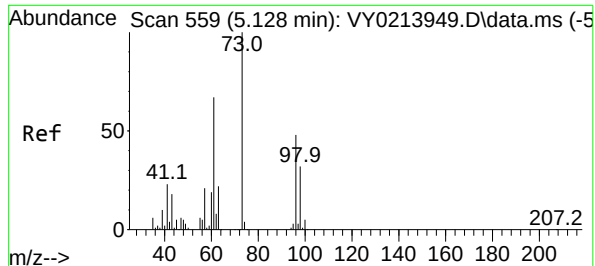
84 100

49 125.5 102.0 153.0

51 37.5 33.0 49.6

86 67.4 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 51.250 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

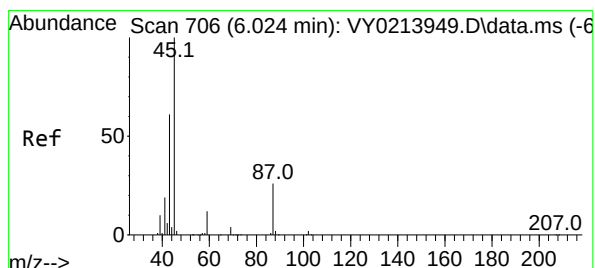
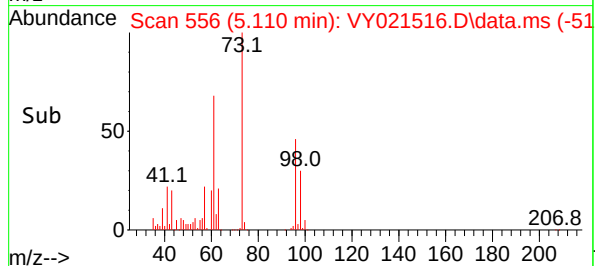
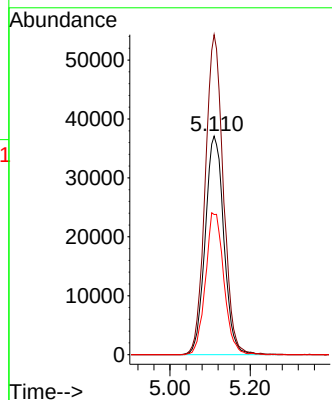
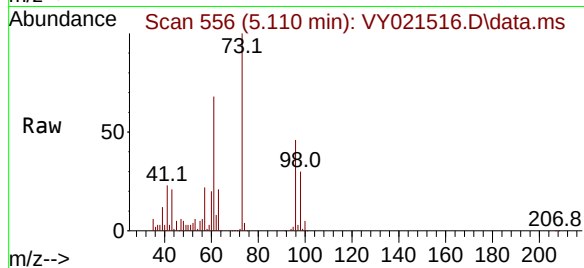
Tgt Ion: 96 Resp: 119645

Ion Ratio Lower Upper

96 100

61 146.5 111.5 167.3

98 64.2 53.8 80.8



#22

Diisopropyl ether

Concen: 55.491 ug/l

RT: 6.018 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Tgt Ion: 45 Resp: 402866

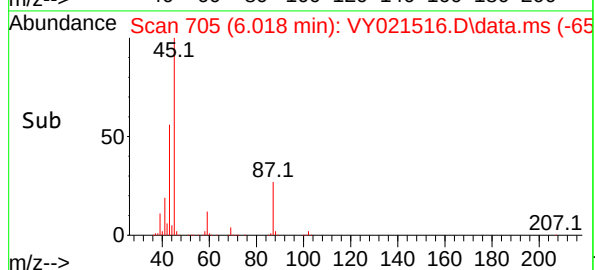
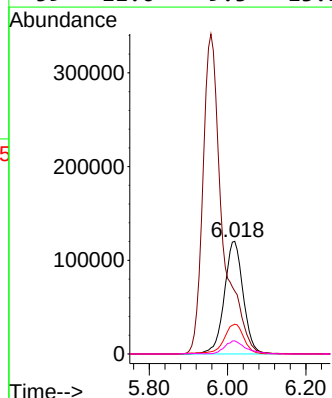
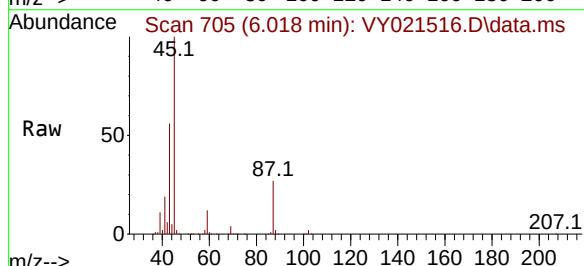
Ion Ratio Lower Upper

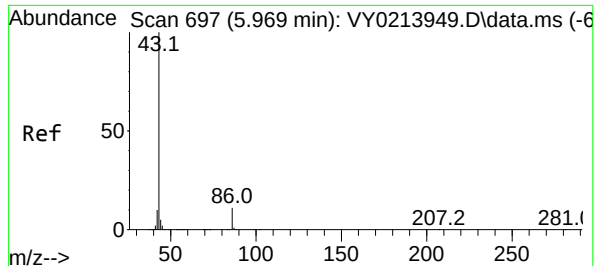
45 100

43 55.8 48.7 73.1

87 26.5 21.5 32.3

59 11.6 9.3 13.9





#23

Vinyl Acetate

Concen: 283.301 ug/l

RT: 5.957 min Scan# 697

Delta R.T. -0.012 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

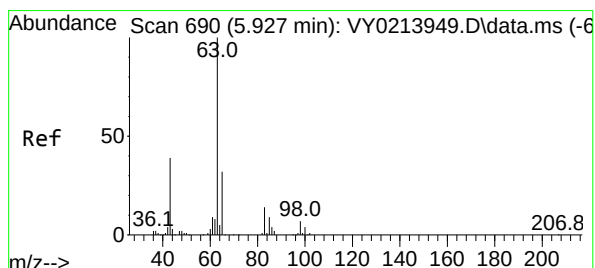
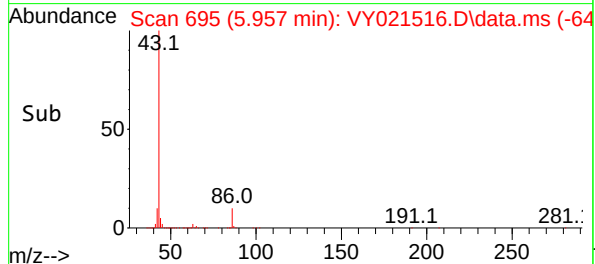
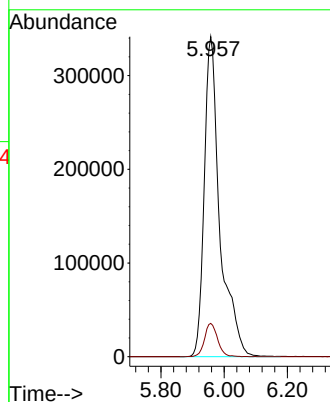
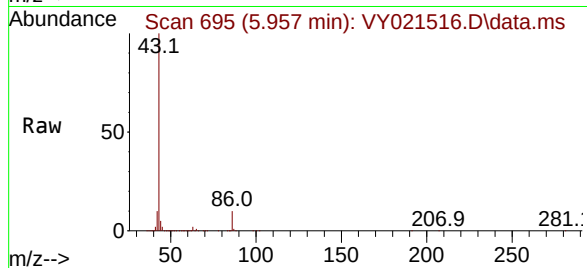
VSTDCCC050

Tgt Ion: 43 Resp: 1173804

Ion Ratio Lower Upper

43 100

86 10.4 8.5 12.7



#24

1,1-Dichloroethane

Concen: 52.889 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

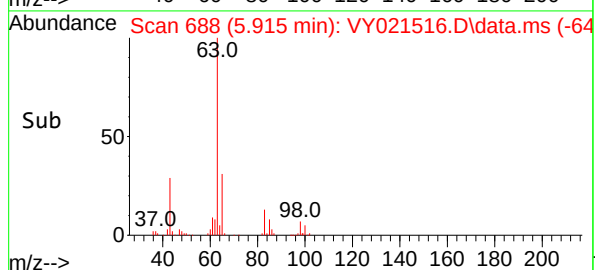
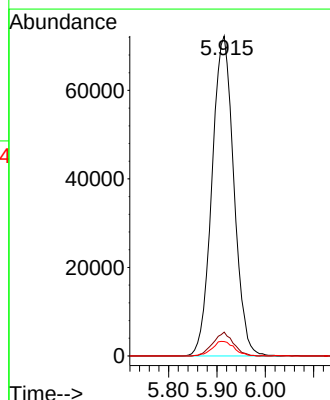
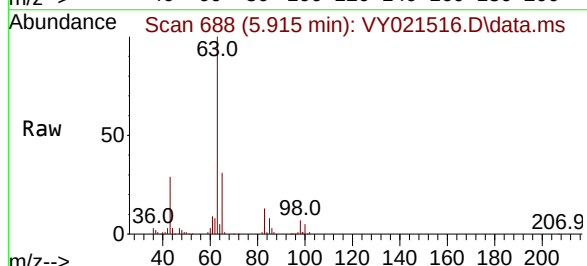
Tgt Ion: 63 Resp: 226621

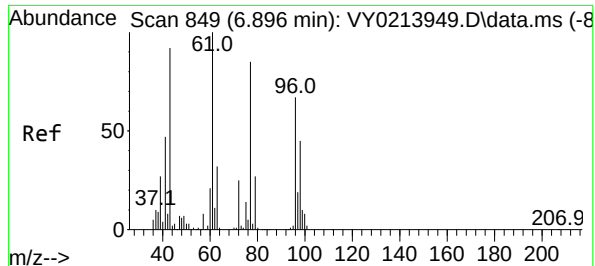
Ion Ratio Lower Upper

63 100

98 7.5 3.3 9.9

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 298.515 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

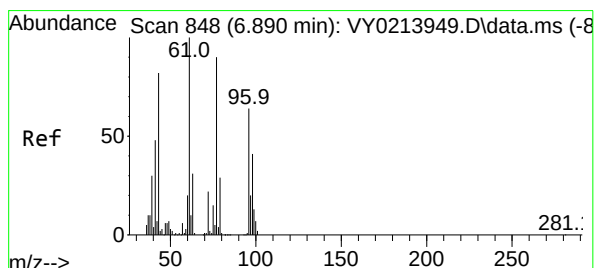
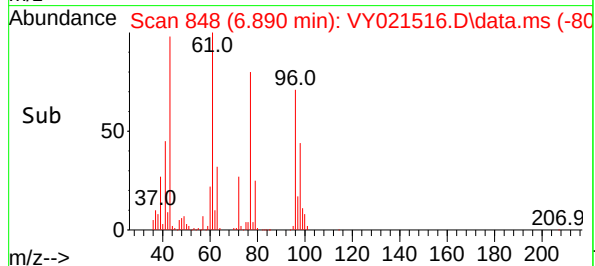
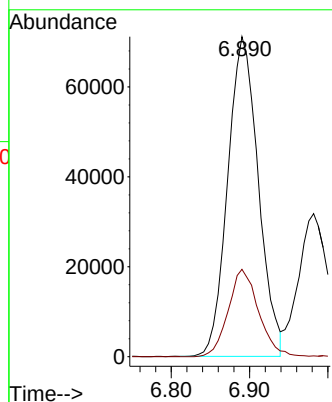
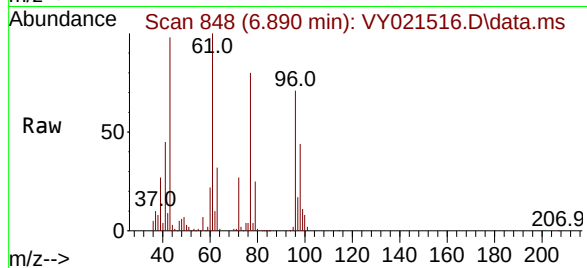
VSTDCCC050

Tgt Ion: 43 Resp: 193179

Ion Ratio Lower Upper

43 100

72 27.3 21.4 32.0



#26

2,2-Dichloropropane

Concen: 49.520 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021516.D

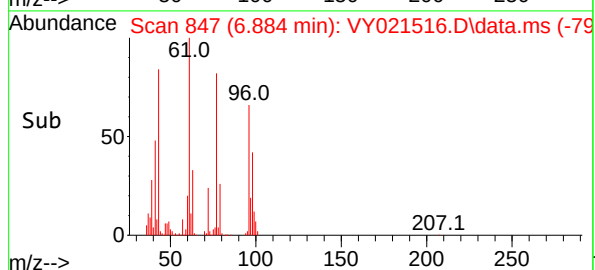
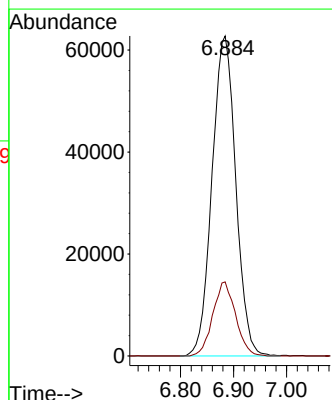
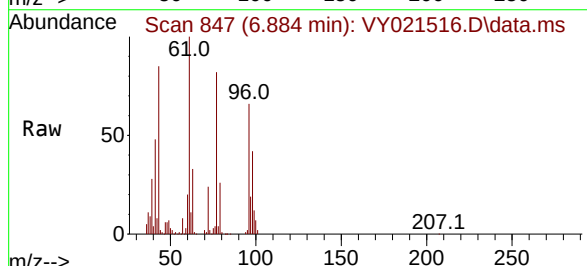
Acq: 13 Mar 2025 10:31

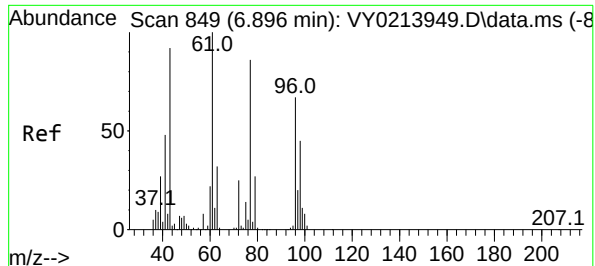
Tgt Ion: 77 Resp: 195235

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8



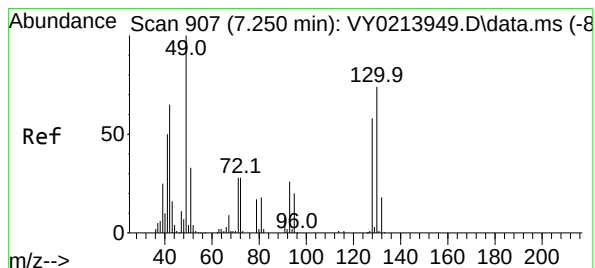
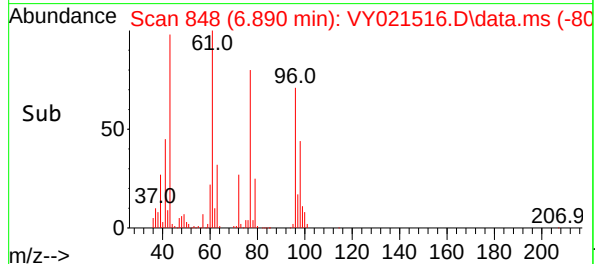
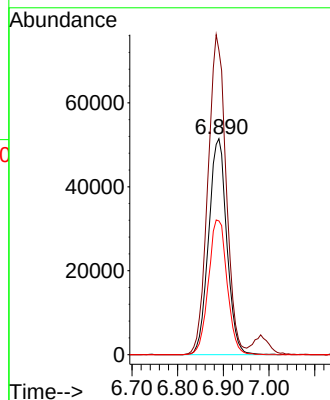
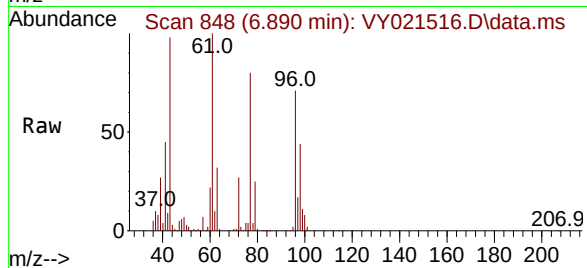


#27
 cis-1,2-Dichloroethene
 Concen: 53.619 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 142203

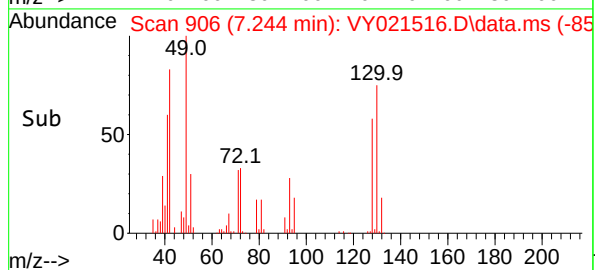
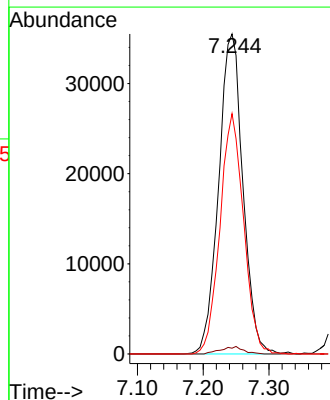
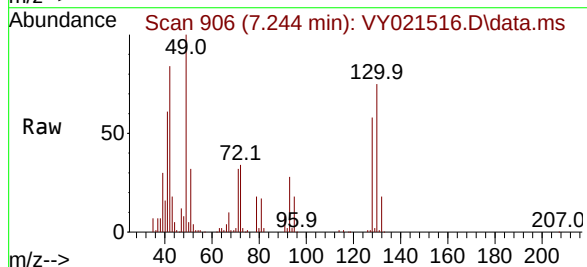
Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	300.8
98	64.0	0.0	130.0

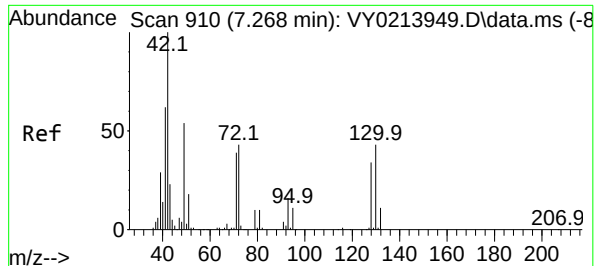


#28
 Bromochloromethane
 Concen: 50.653 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

Tgt Ion: 49 Resp: 90992

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	73.2	59.6	89.4





#29

Tetrahydrofuran

Concen: 305.386 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

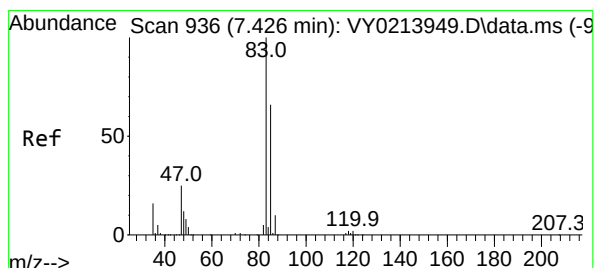
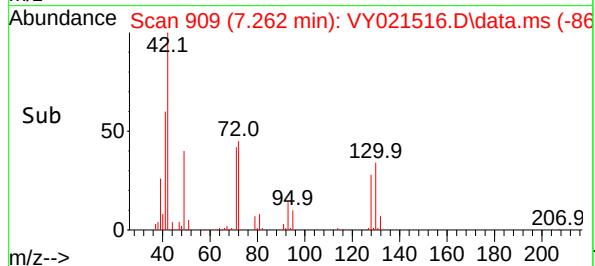
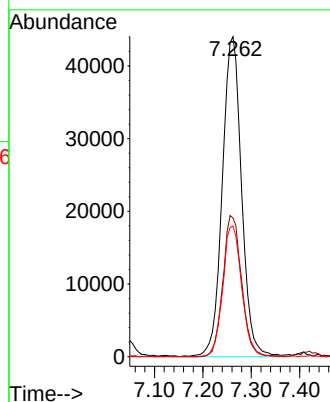
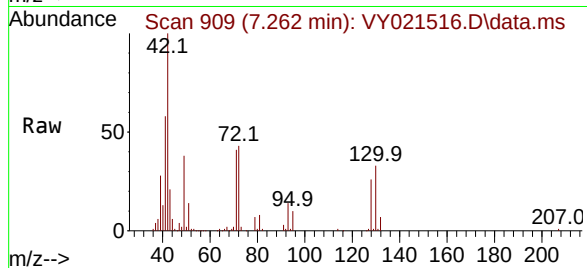
Tgt Ion: 42 Resp: 122004

Ion Ratio Lower Upper

42 100

72 42.7 34.8 52.2

71 40.0 32.6 48.8



#30

Chloroform

Concen: 54.256 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY021516.D

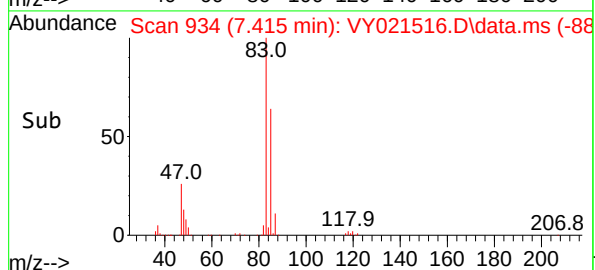
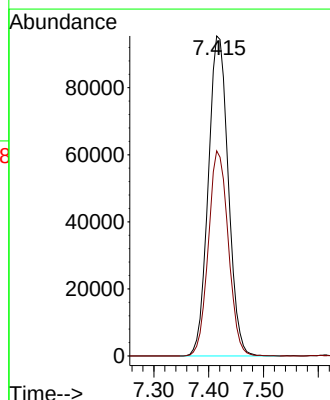
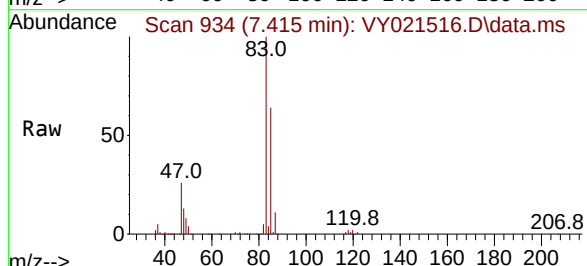
Acq: 13 Mar 2025 10:31

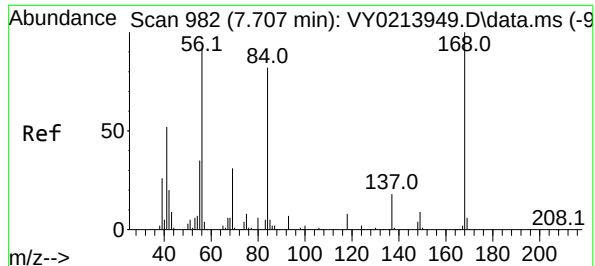
Tgt Ion: 83 Resp: 241406

Ion Ratio Lower Upper

83 100

85 64.1 53.1 79.7





#31

Cyclohexane

Concen: 47.201 ug/l

RT: 7.695 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

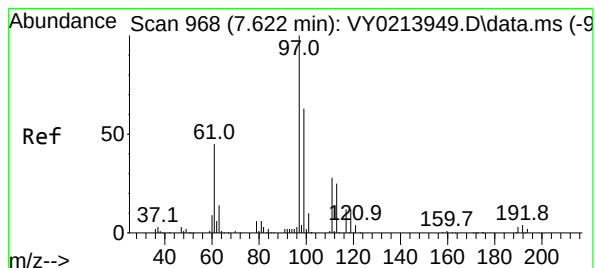
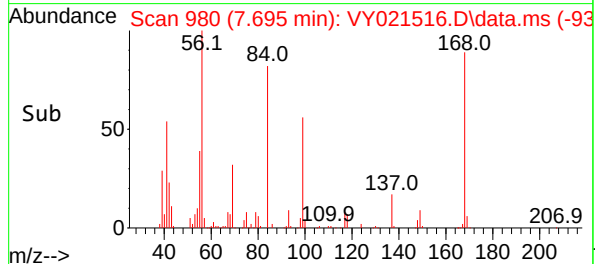
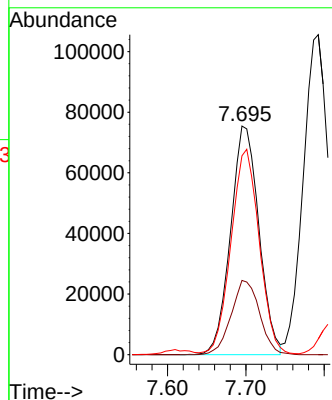
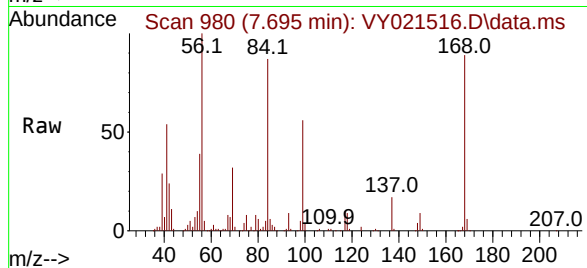
Tgt Ion: 56 Resp: 189607

Ion Ratio Lower Upper

56 100

69 32.5 27.0 40.4

84 85.4 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 52.082 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

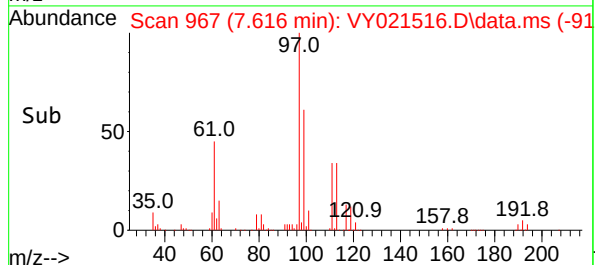
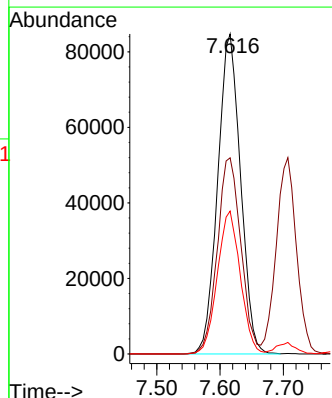
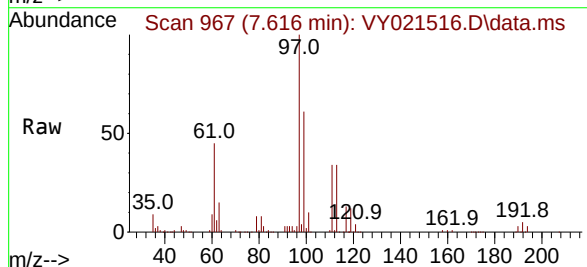
Tgt Ion: 97 Resp: 212181

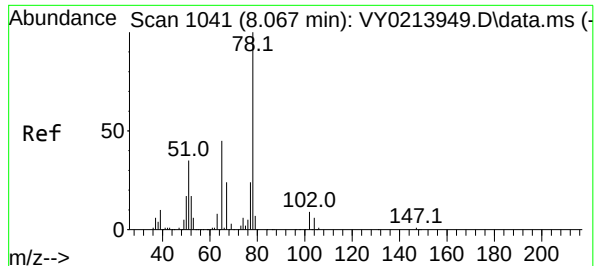
Ion Ratio Lower Upper

97 100

99 63.4 51.7 77.5

61 45.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 56.409 ug/l

RT: 8.055 min Scan# 1109

Delta R.T. -0.012 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

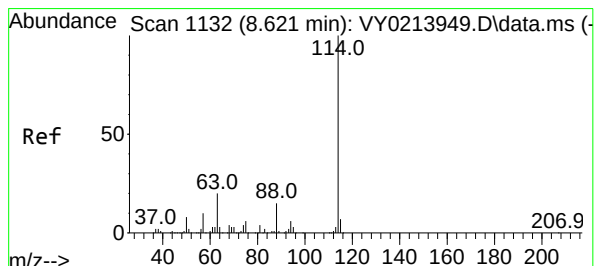
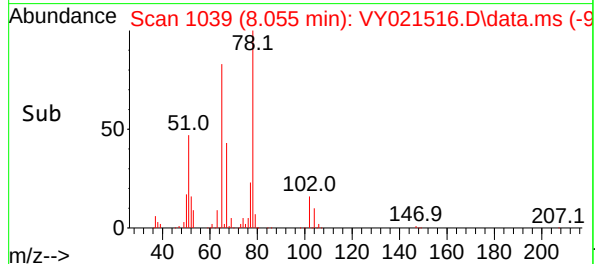
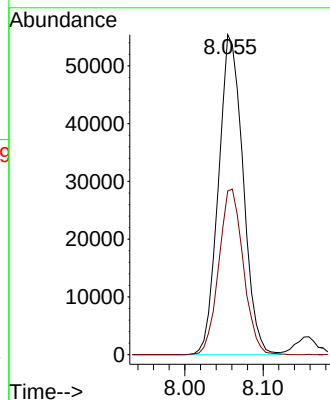
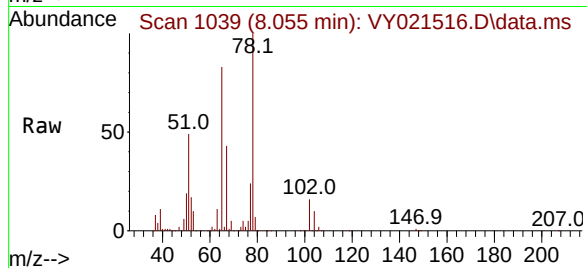
VSTDCCC050

Tgt Ion: 65 Resp: 120990

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

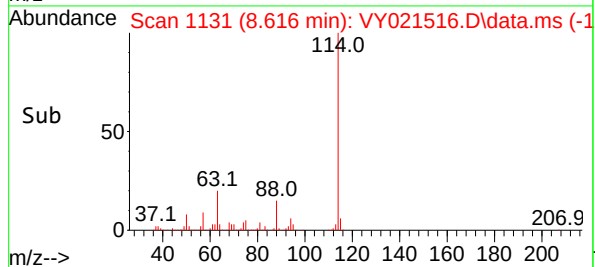
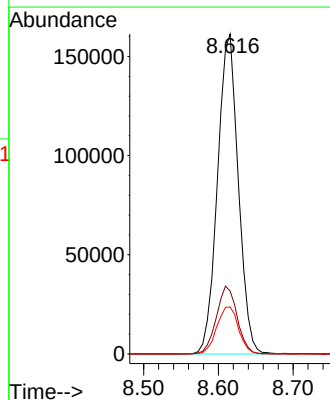
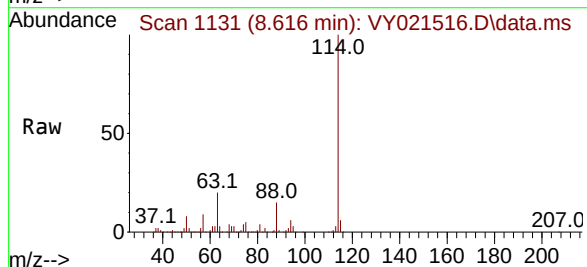
Tgt Ion: 114 Resp: 311585

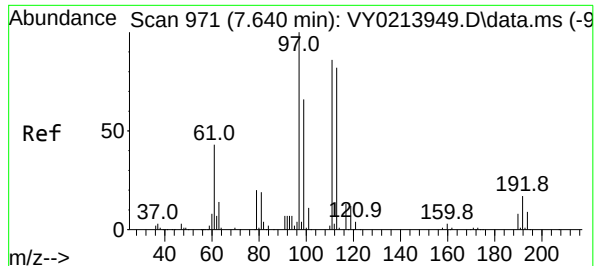
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 14.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 55.069 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

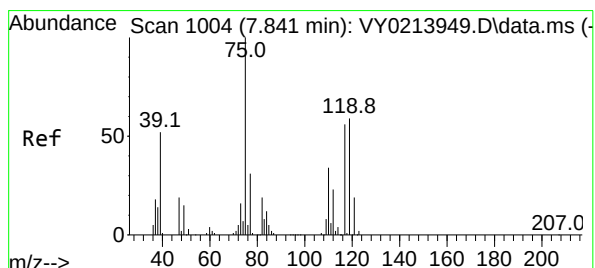
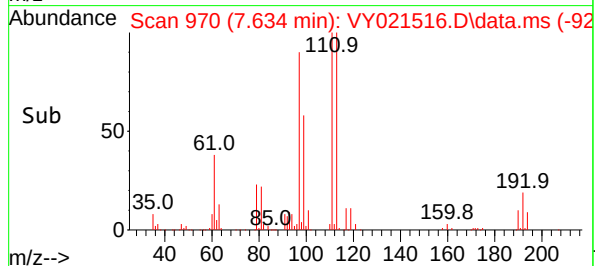
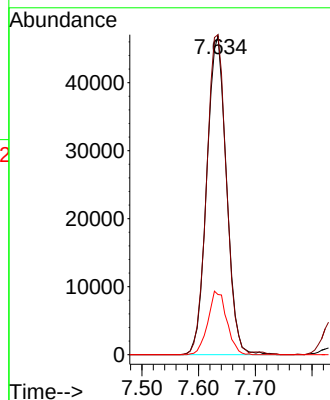
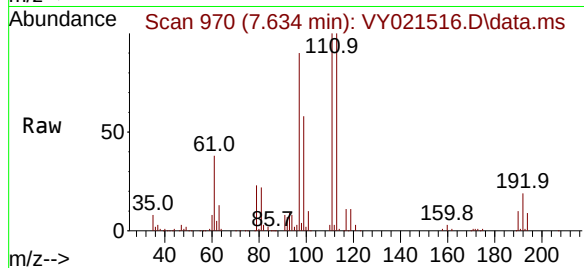
Tgt Ion:113 Resp: 112786

Ion Ratio Lower Upper

113 100

111 100.8 82.0 123.0

192 19.1 15.9 23.9



#36

1,1-Dichloropropene

Concen: 51.978 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

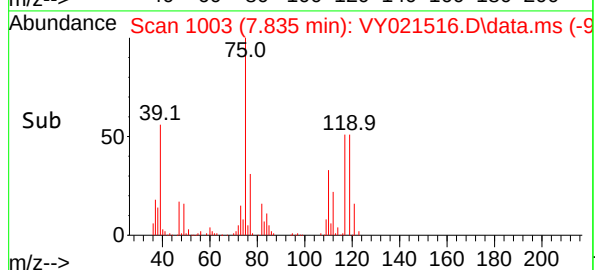
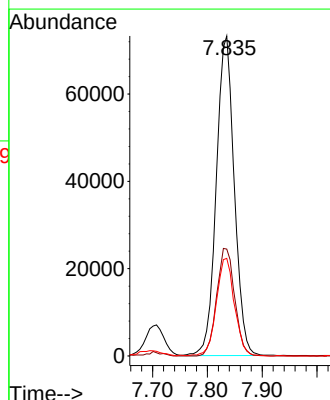
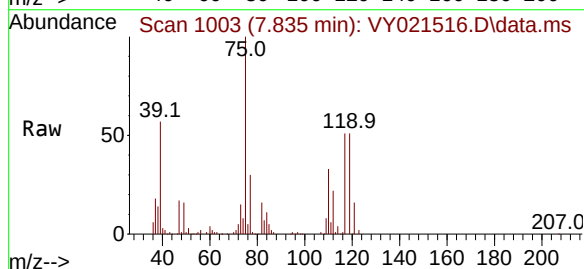
Tgt Ion: 75 Resp: 166636

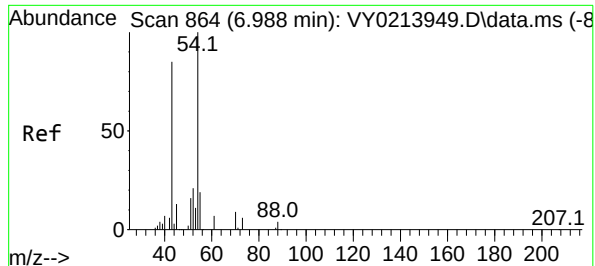
Ion Ratio Lower Upper

75 100

110 33.8 17.3 51.7

77 30.9 25.4 38.2





#37

Ethyl Acetate

Concen: 61.011 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

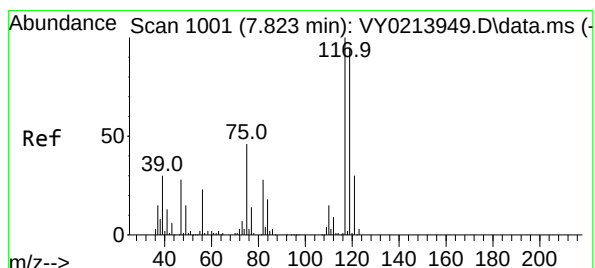
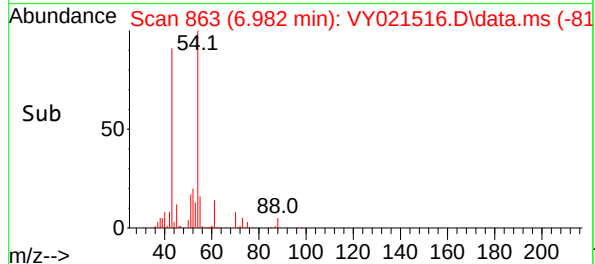
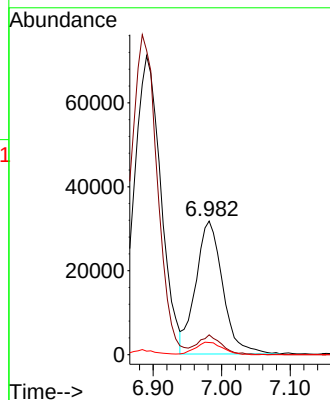
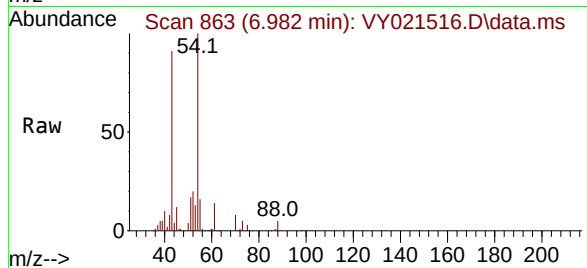
Tgt Ion: 43 Resp: 86451

Ion Ratio Lower Upper

43 100

61 13.0 11.4 17.0

70 9.5 8.2 12.2



#38

Carbon Tetrachloride

Concen: 51.777 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

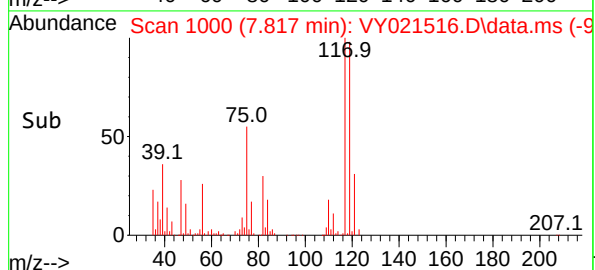
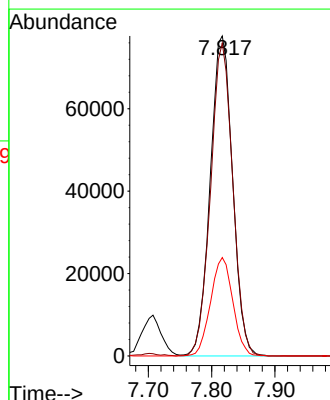
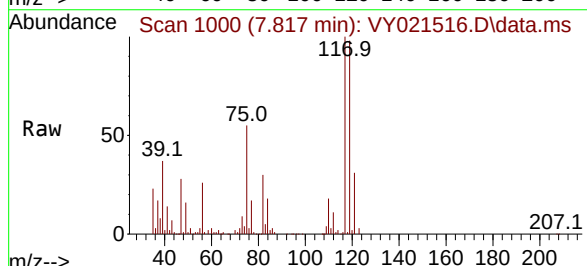
Tgt Ion: 117 Resp: 190903

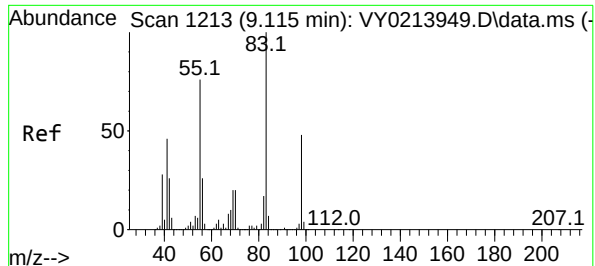
Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.8

121 30.7 23.9 35.9





#39

Methylcyclohexane

Concen: 50.417 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

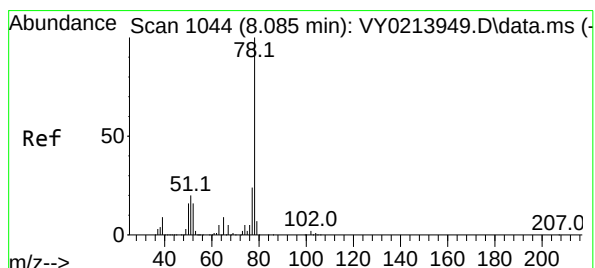
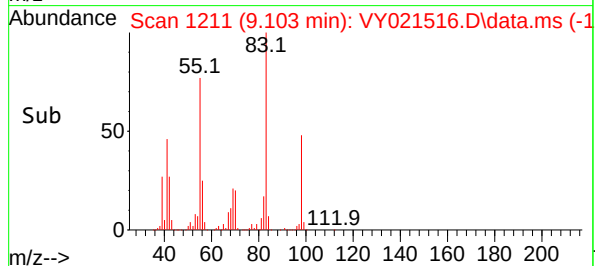
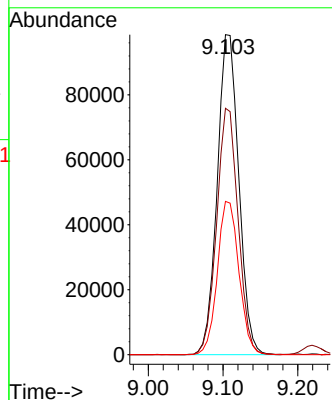
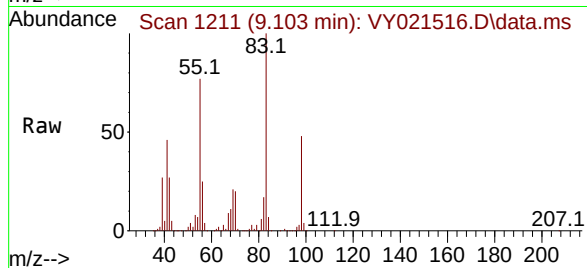
Tgt Ion: 83 Resp: 198260

Ion Ratio Lower Upper

83 100

55 77.0 60.7 91.1

98 47.9 38.6 57.8



#40

Benzene

Concen: 53.404 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021516.D

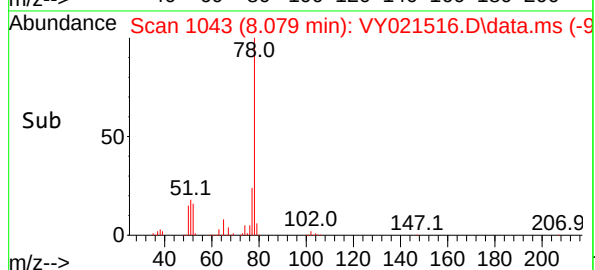
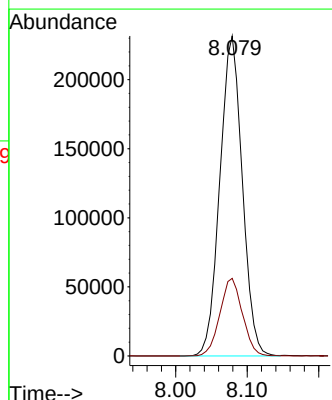
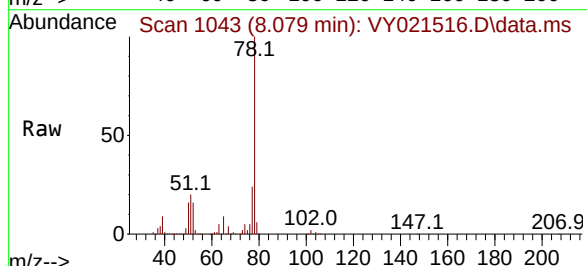
Acq: 13 Mar 2025 10:31

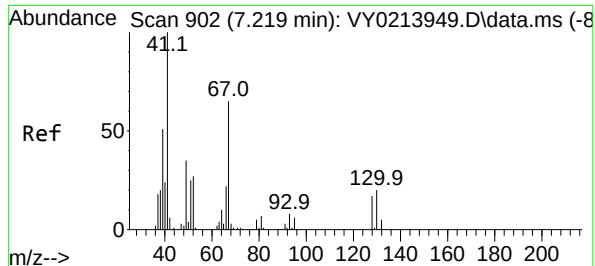
Tgt Ion: 78 Resp: 504344

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4





#41

Methacrylonitrile

Concen: 59.779 ug/l

RT: 7.213 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 46122

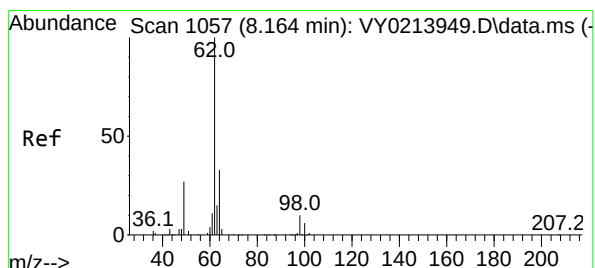
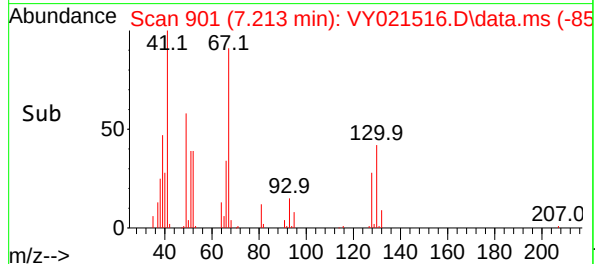
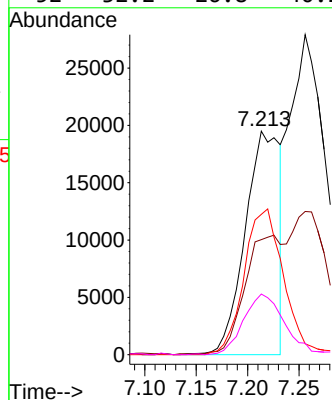
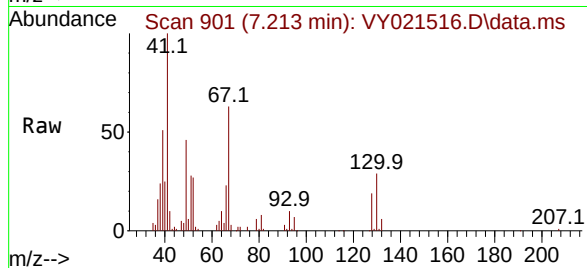
Ion Ratio Lower Upper

41 100

39 53.8 35.0 52.6#

67 74.1 61.2 91.8

52 32.2 26.8 40.2



#42

1,2-Dichloroethane

Concen: 56.523 ug/l

RT: 8.152 min Scan# 1055

Delta R.T. -0.012 min

Lab File: VY021516.D

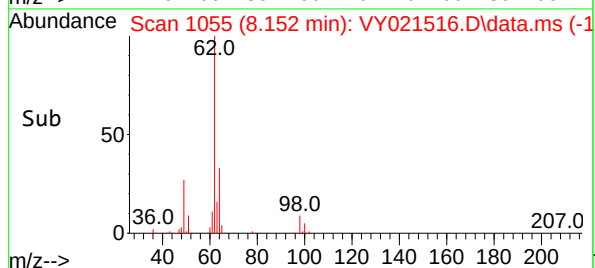
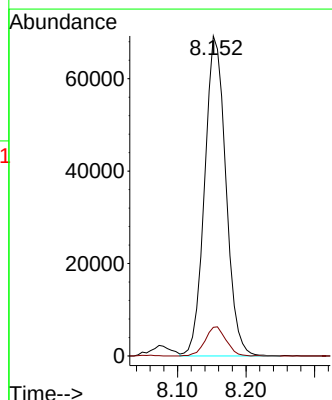
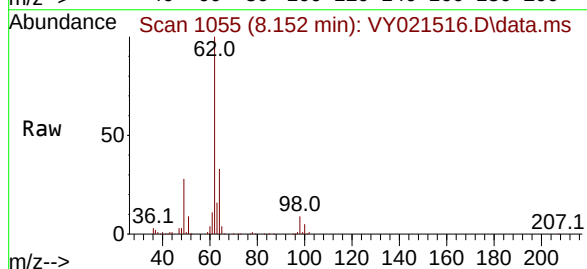
Acq: 13 Mar 2025 10:31

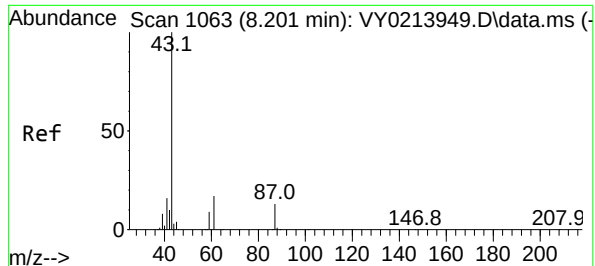
Tgt Ion: 62 Resp: 149333

Ion Ratio Lower Upper

62 100

98 9.0 0.0 18.2





#43

Isopropyl Acetate

Concen: 59.018 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

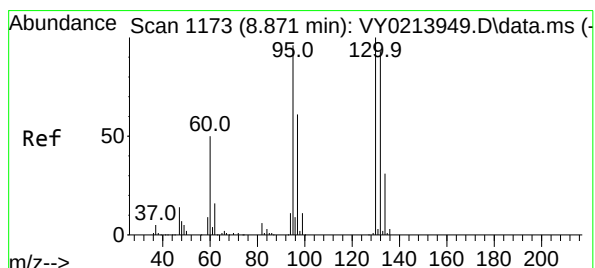
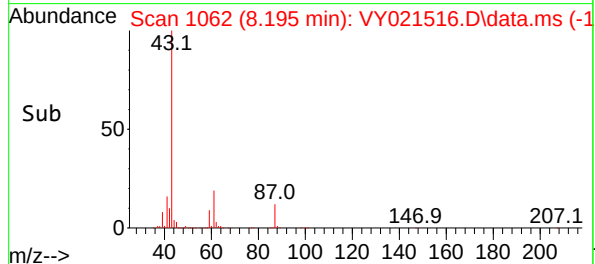
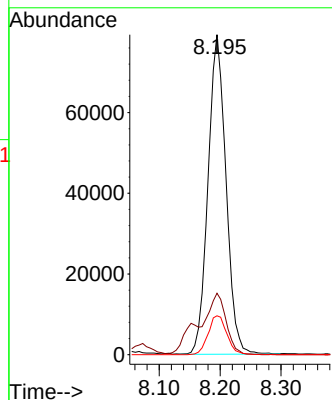
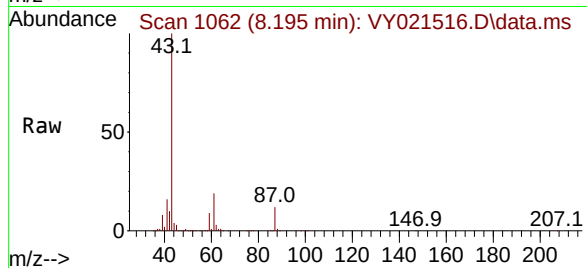
Tgt Ion: 43 Resp: 162340

Ion Ratio Lower Upper

43 100

61 20.7 23.4 35.0#

87 12.7 10.5 15.7



#44

Trichloroethene

Concen: 52.701 ug/l

RT: 8.859 min Scan# 1171

Delta R.T. -0.012 min

Lab File: VY021516.D

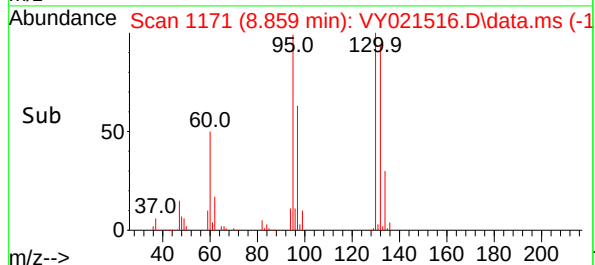
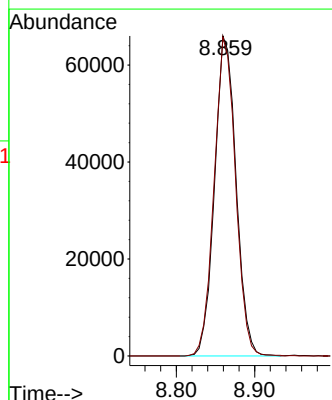
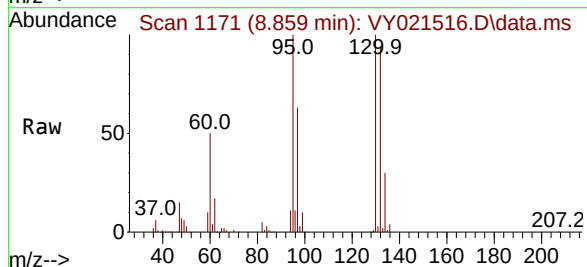
Acq: 13 Mar 2025 10:31

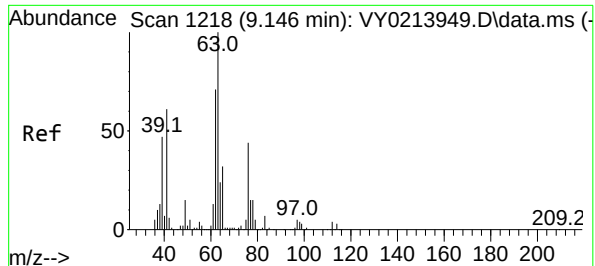
Tgt Ion:130 Resp: 125768

Ion Ratio Lower Upper

130 100

95 99.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 55.176 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

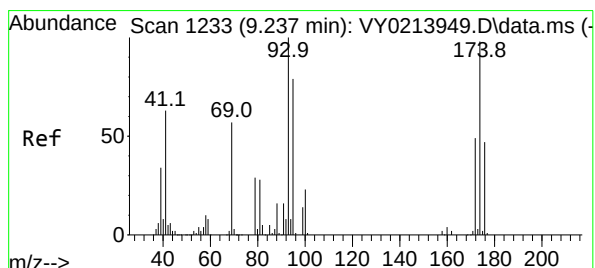
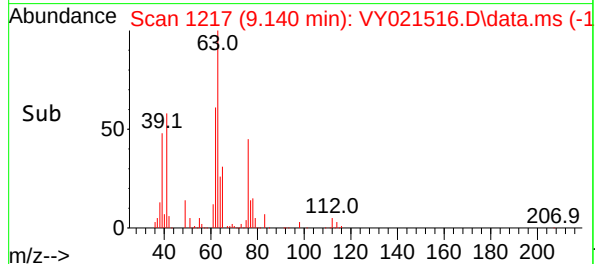
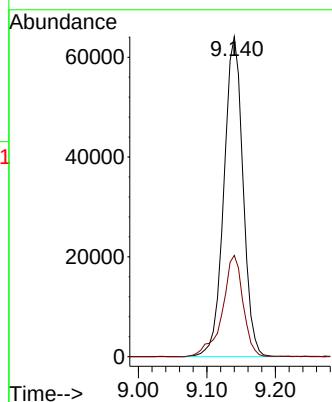
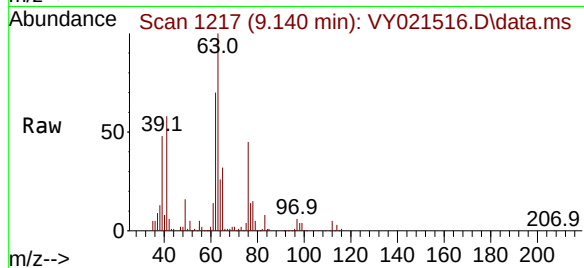
VSTDCCC050

Tgt Ion: 63 Resp: 124017

Ion Ratio Lower Upper

63 100

65 31.7 26.0 39.0



#46

Dibromomethane

Concen: 57.954 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

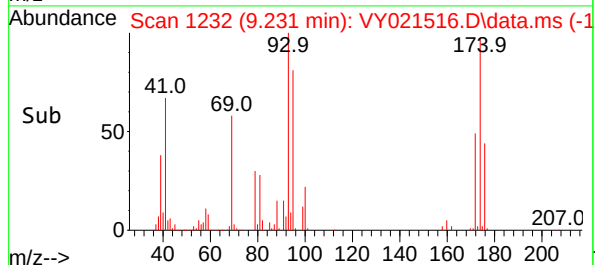
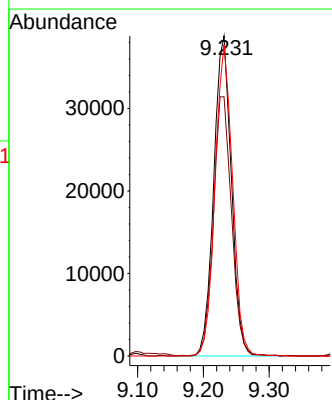
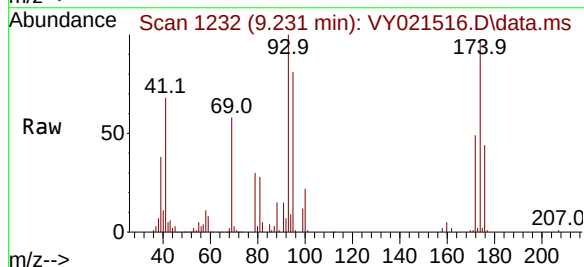
Tgt Ion: 93 Resp: 72478

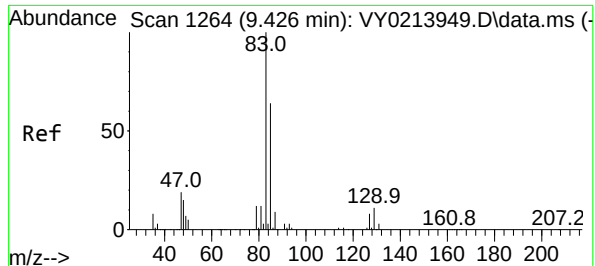
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.8

174 97.0 77.9 116.9





#47

Bromodichloromethane

Concen: 56.459 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

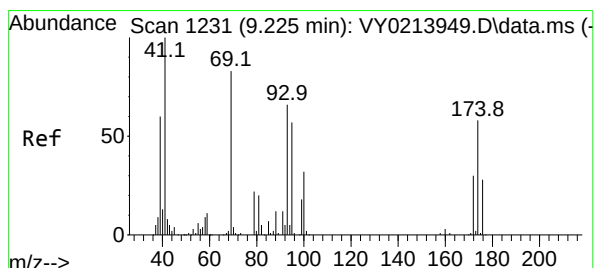
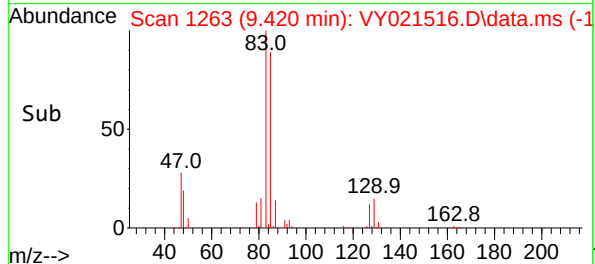
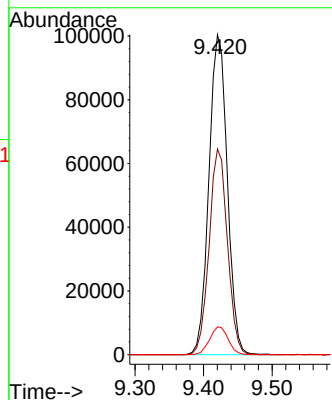
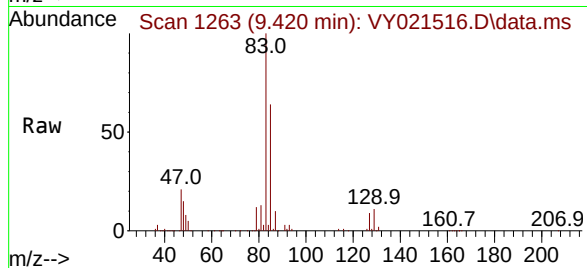
Tgt Ion: 83 Resp: 187512

Ion Ratio Lower Upper

83 100

85 64.3 51.1 76.7

127 8.7 6.7 10.1



#48

Methyl methacrylate

Concen: 61.046 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

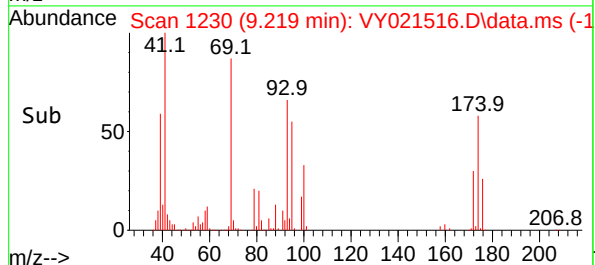
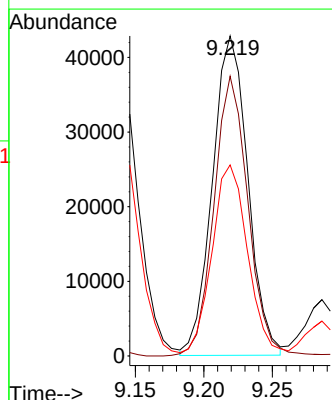
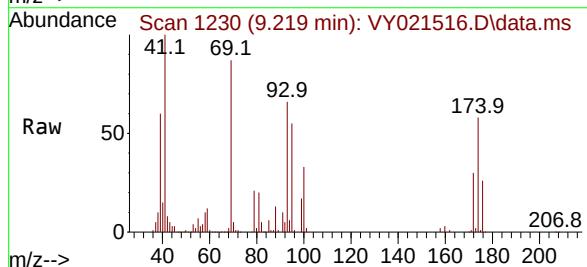
Tgt Ion: 41 Resp: 77107

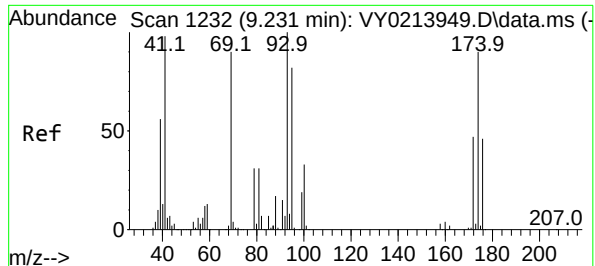
Ion Ratio Lower Upper

41 100

69 84.5 67.8 101.8

39 58.3 46.4 69.6





#49

1,4-Dioxane

Concen: 1347.757 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

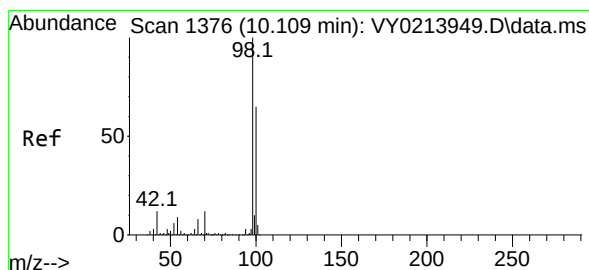
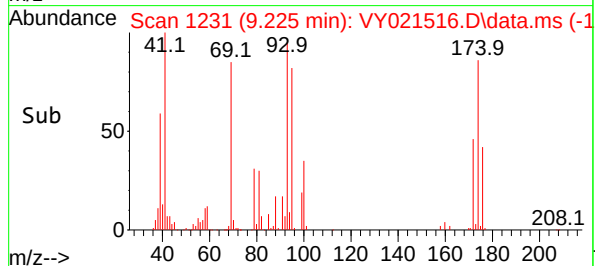
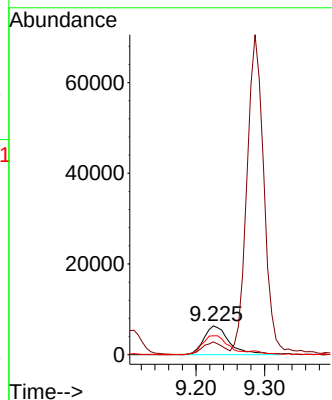
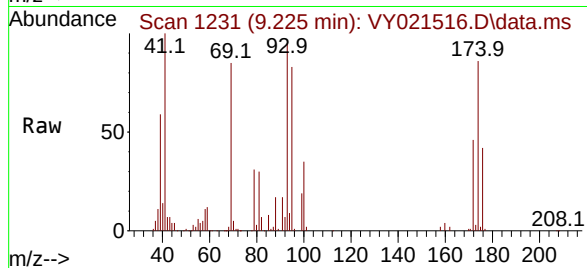
Tgt Ion: 88 Resp: 16544

Ion Ratio Lower Upper

88 100

43 34.5 25.0 37.4

58 66.2 58.4 87.6



#50

Toluene-d8

Concen: 53.353 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021516.D

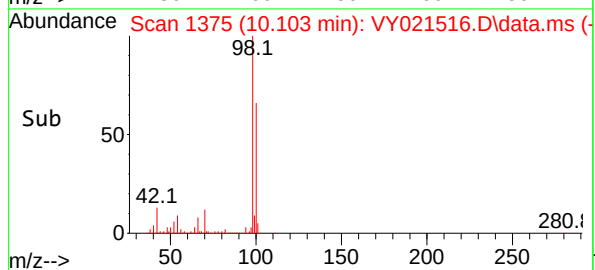
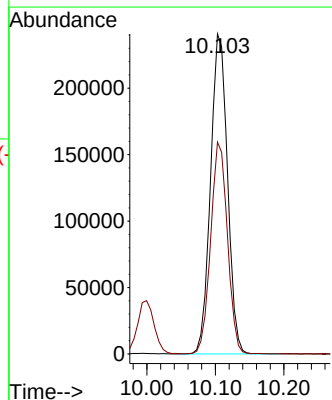
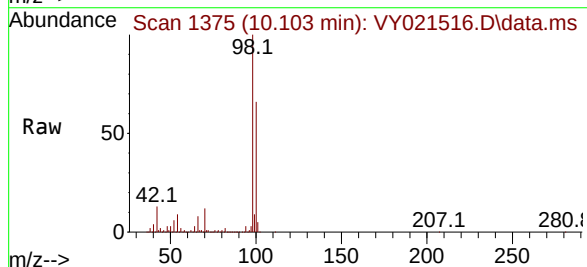
Acq: 13 Mar 2025 10:31

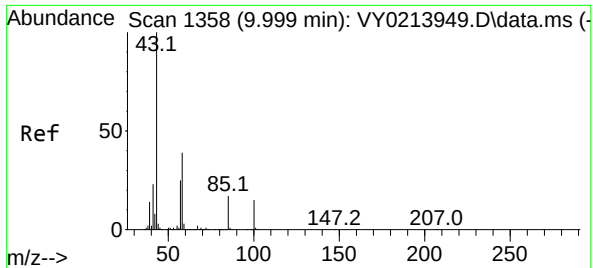
Tgt Ion: 98 Resp: 413740

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1

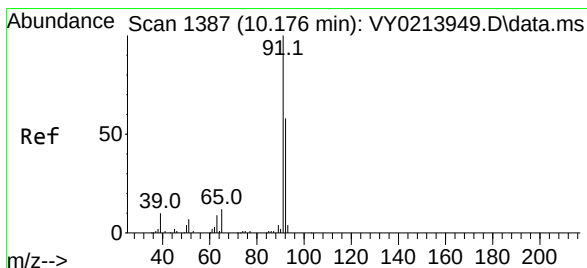
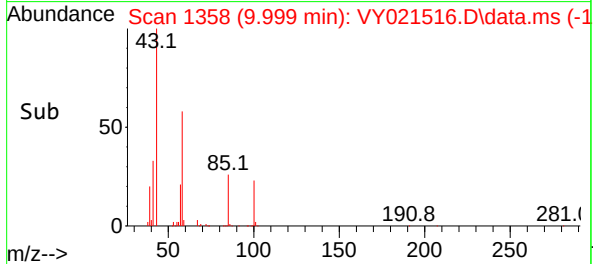
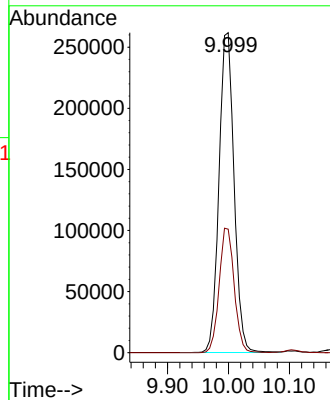
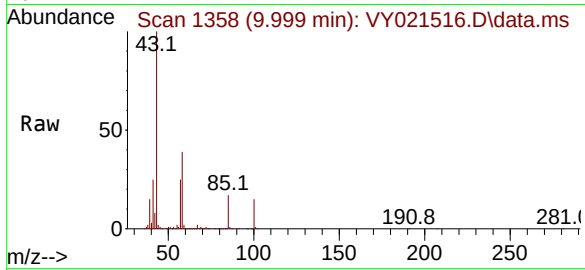




#51
4-Methyl-2-Pentanone
Concen: 316.212 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

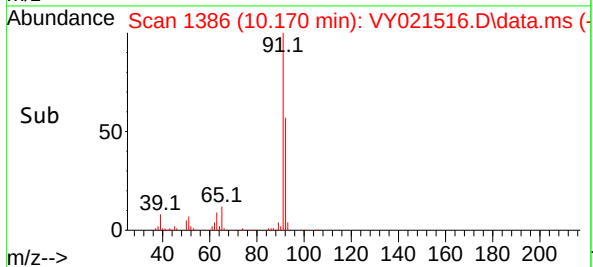
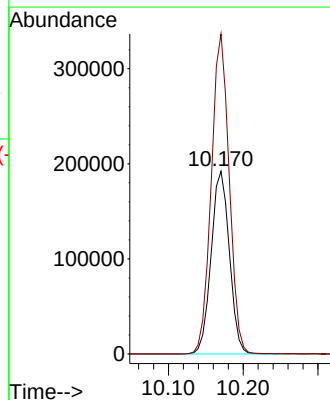
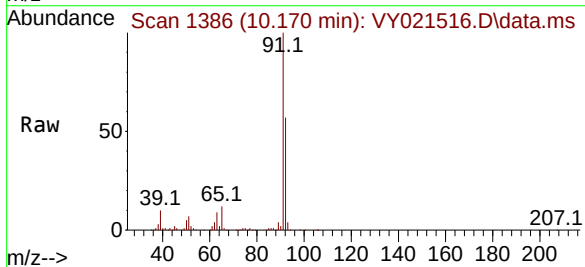
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

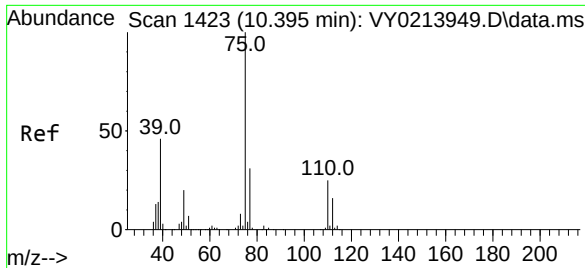
Tgt Ion: 43 Resp: 448790
Ion Ratio Lower Upper
43 100
58 38.9 31.4 47.2



#52
Toluene
Concen: 54.659 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 92 Resp: 325439
Ion Ratio Lower Upper
92 100
91 172.4 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 57.767 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

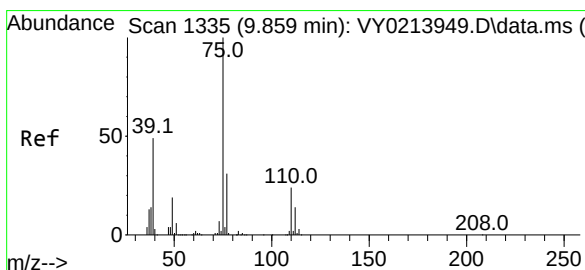
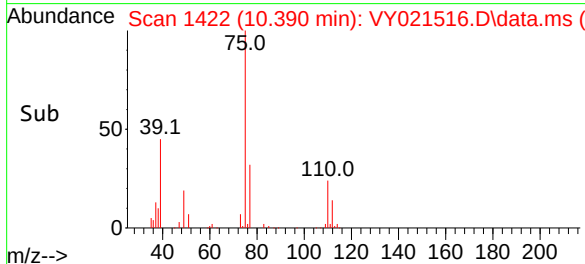
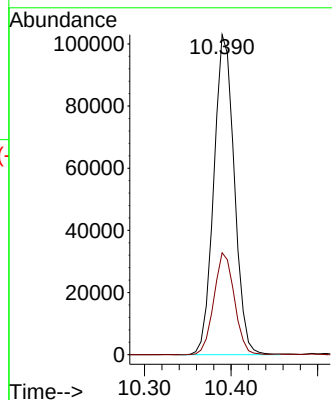
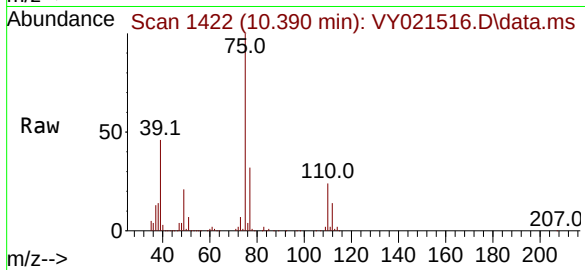
VSTDCCC050

Tgt Ion: 75 Resp: 169032

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 56.028 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

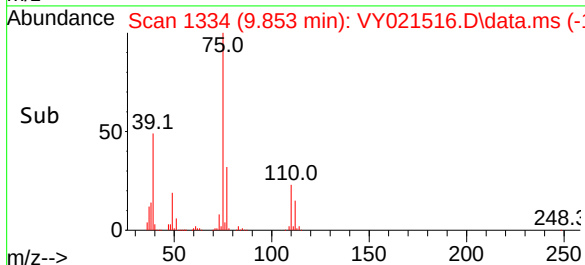
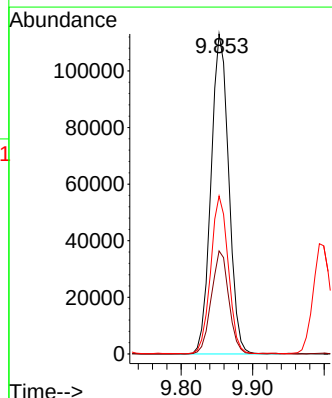
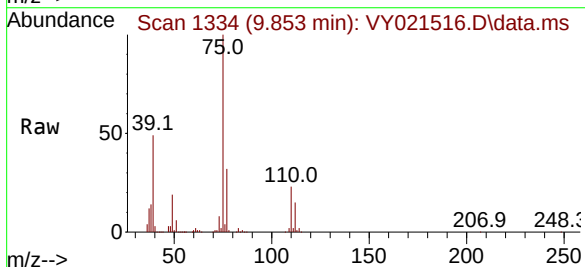
Tgt Ion: 75 Resp: 194644

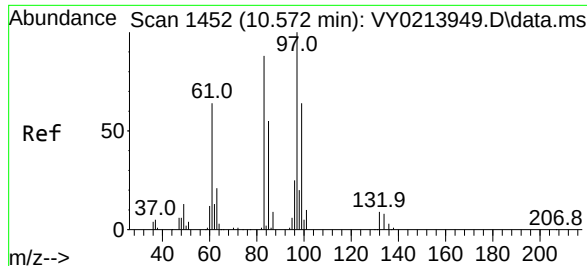
Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0

39 49.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 59.110 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 96699

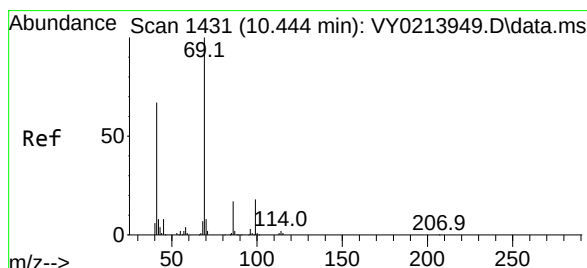
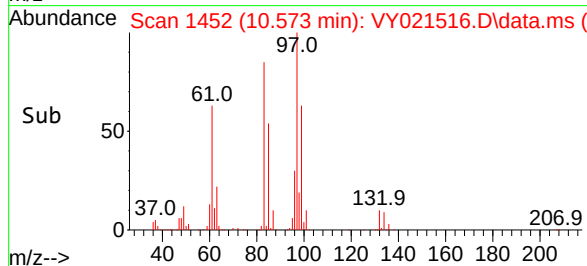
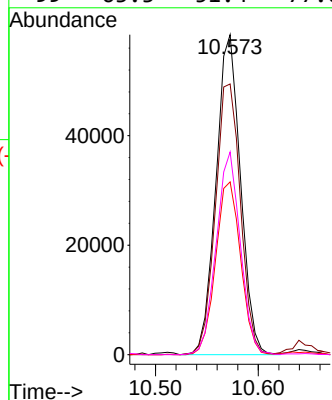
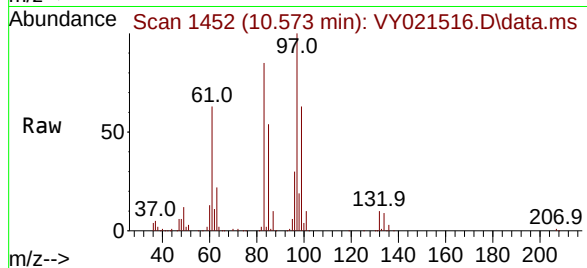
Ion Ratio Lower Upper

97 100

83 84.6 70.0 105.0

85 54.0 44.3 66.5

99 63.3 51.4 77.0



#56

Ethyl methacrylate

Concen: 62.399 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

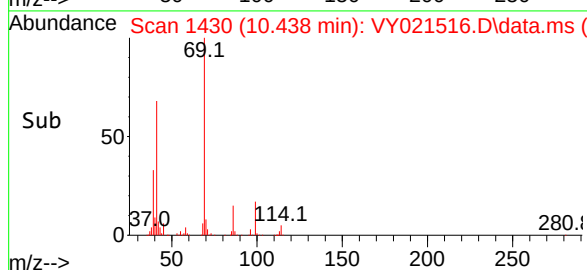
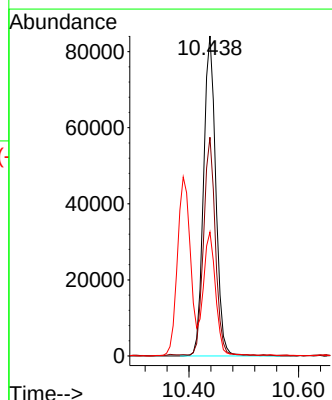
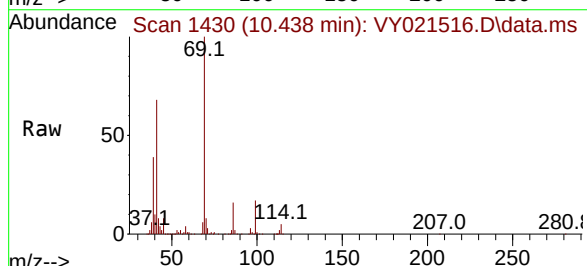
Tgt Ion: 69 Resp: 130188

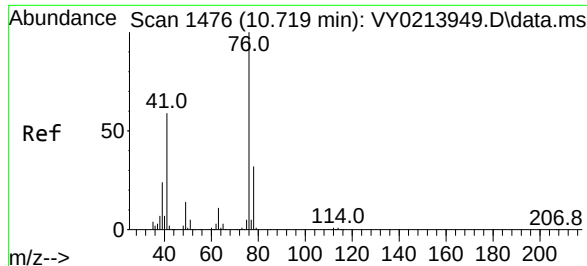
Ion Ratio Lower Upper

69 100

41 65.5 53.3 79.9

39 38.4 31.0 46.6





#57

1,3-Dichloropropane

Concen: 58.006 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

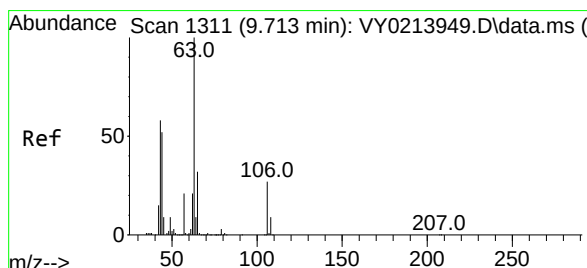
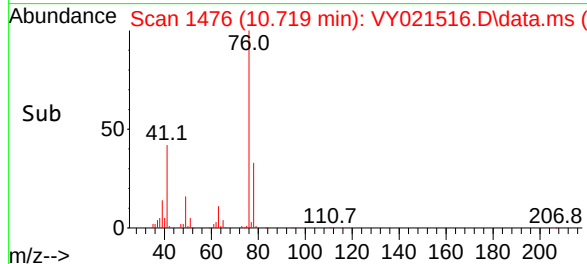
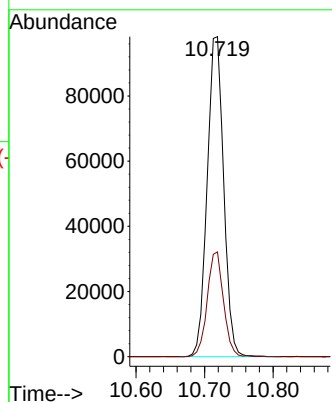
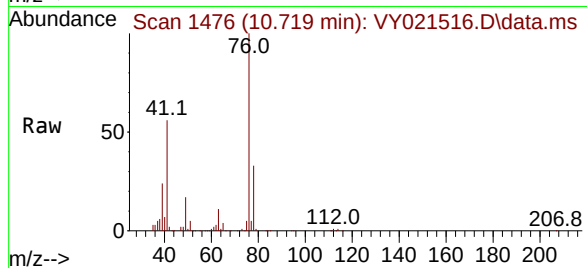
VSTDCCC050

Tgt Ion: 76 Resp: 164468

Ion Ratio Lower Upper

76 100

78 32.4 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 309.241 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021516.D

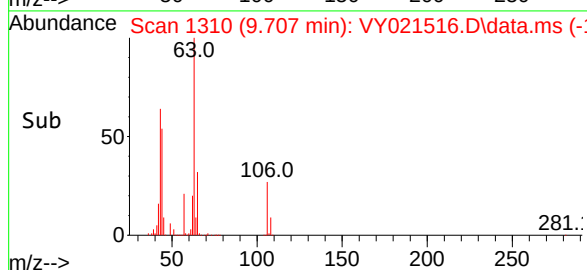
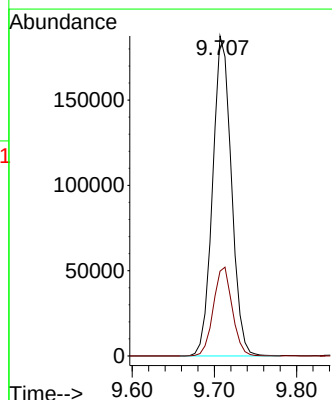
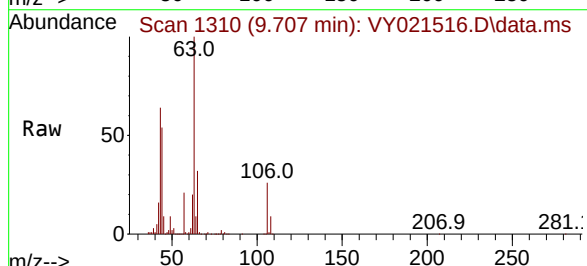
Acq: 13 Mar 2025 10:31

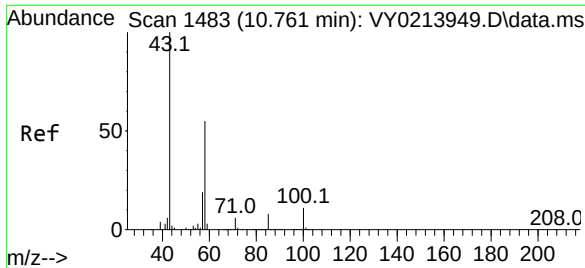
Tgt Ion: 63 Resp: 297839

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1





#59

2-Hexanone

Concen: 327.478 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

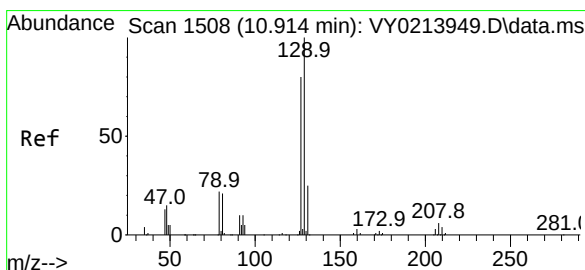
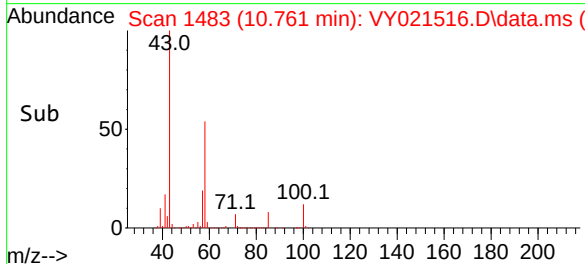
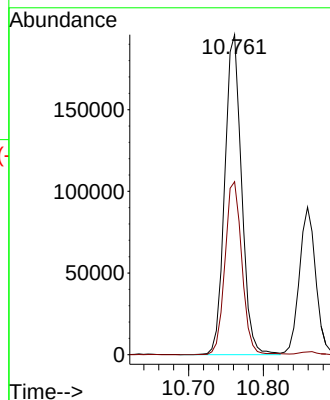
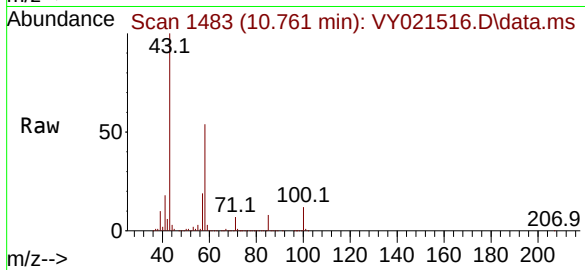
VSTDCCC050

Tgt Ion: 43 Resp: 307324

Ion Ratio Lower Upper

43 100

58 54.3 27.3 81.8



#60

Dibromochloromethane

Concen: 57.463 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY021516.D

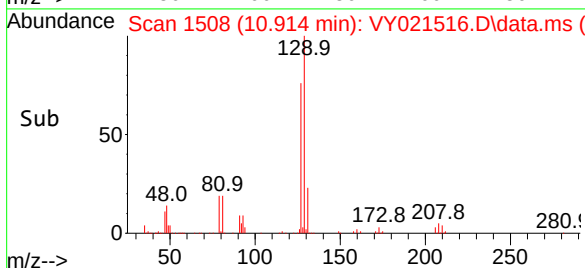
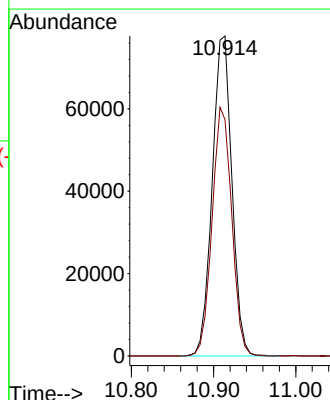
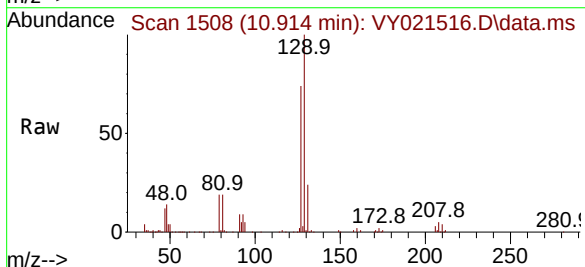
Acq: 13 Mar 2025 10:31

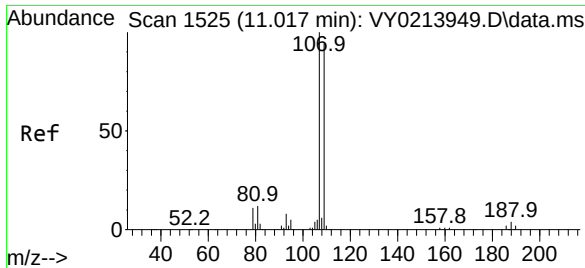
Tgt Ion: 129 Resp: 128876

Ion Ratio Lower Upper

129 100

127 77.8 39.1 117.3

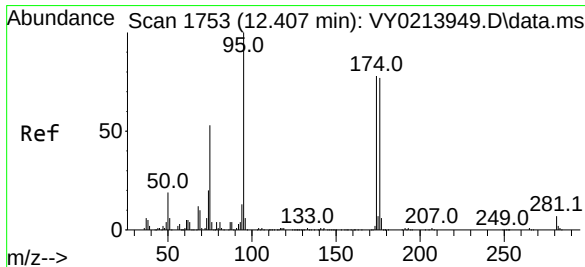
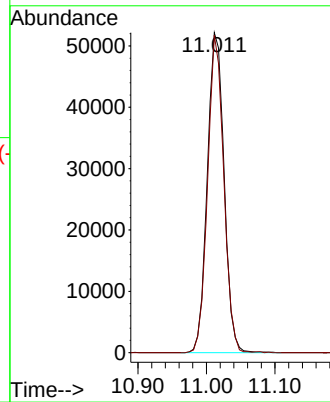
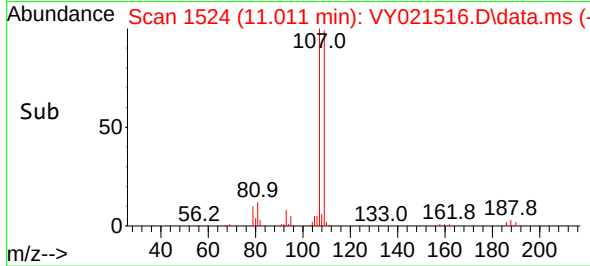
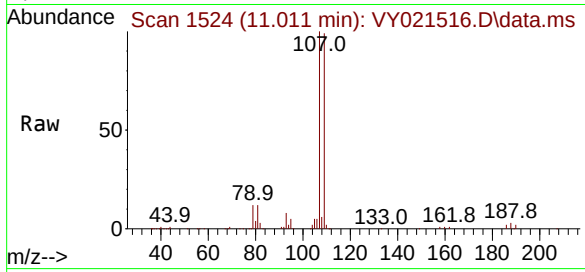




#61
1,2-Dibromoethane
Concen: 57.625 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

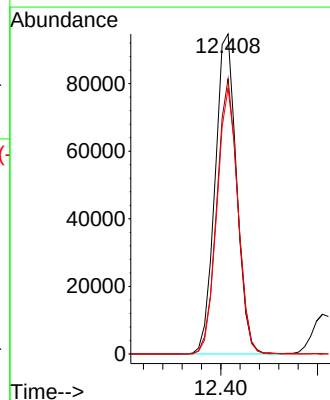
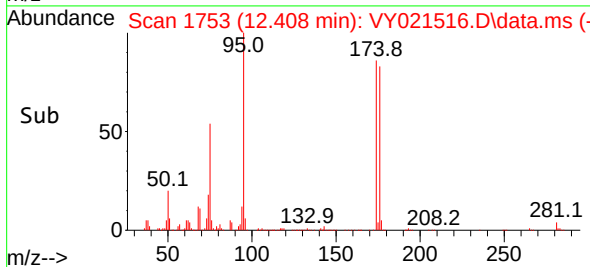
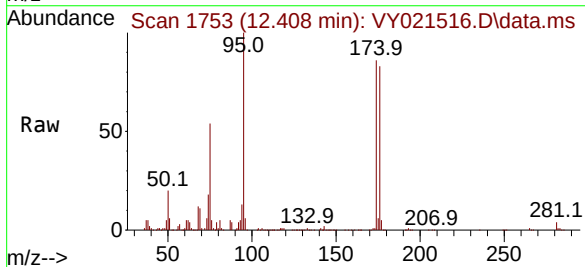
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

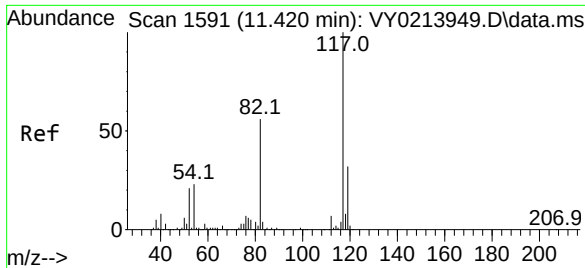
Tgt Ion:107 Resp: 88972
Ion Ratio Lower Upper
107 100
109 95.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 55.307 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 95 Resp: 145891
Ion Ratio Lower Upper
95 100
174 83.5 0.0 165.0
176 81.2 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

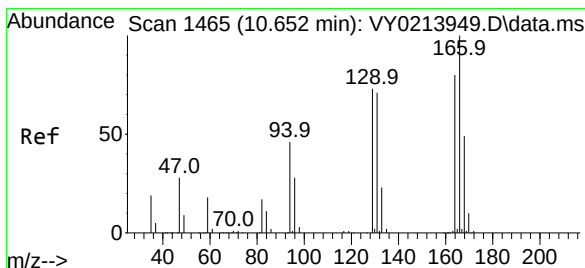
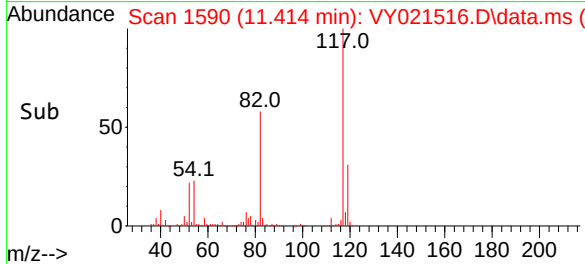
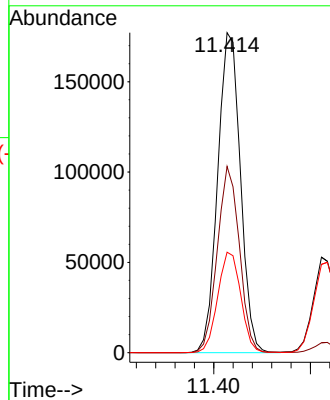
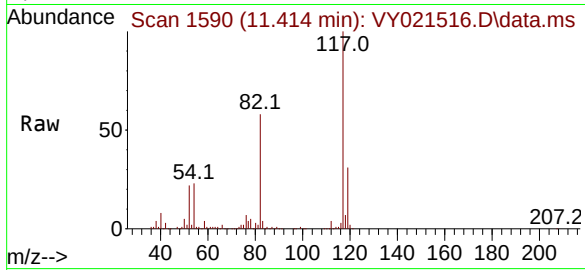
Tgt Ion:117 Resp: 288548

Ion Ratio Lower Upper

117 100

82 58.2 44.6 67.0

119 31.4 25.4 38.0



#64

Tetrachloroethene

Concen: 57.970 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Tgt Ion:164 Resp: 136018

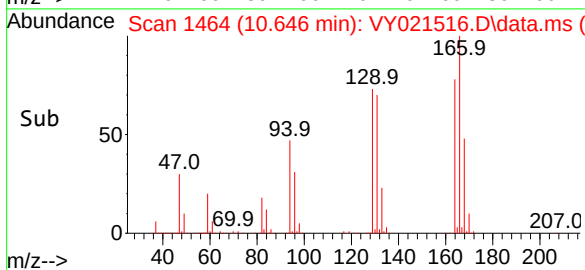
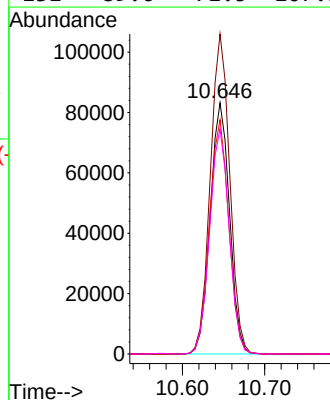
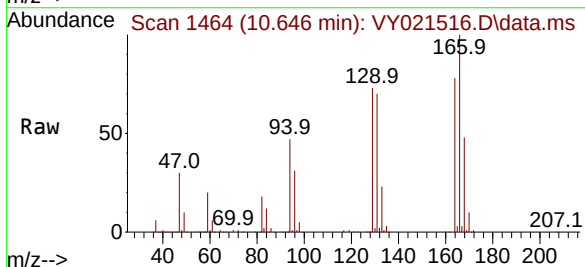
Ion Ratio Lower Upper

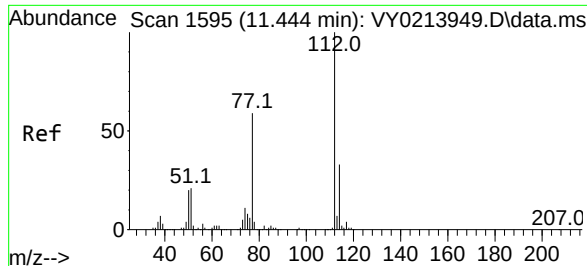
164 100

166 127.4 100.4 150.6

129 93.3 73.8 110.8

131 89.6 71.5 107.3





#65

Chlorobenzene

Concen: 51.615 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

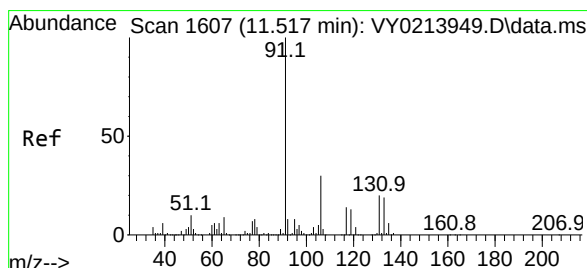
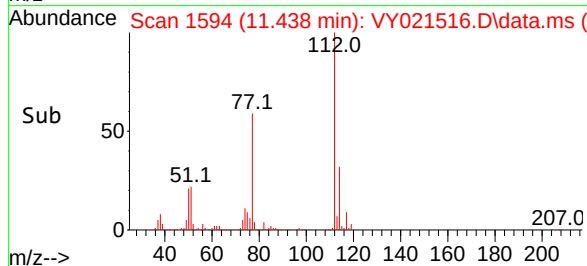
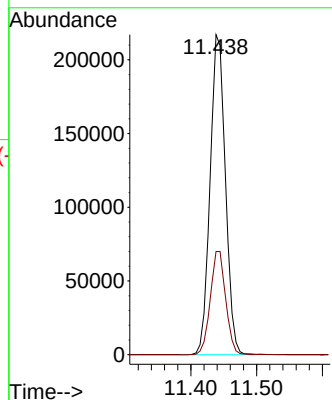
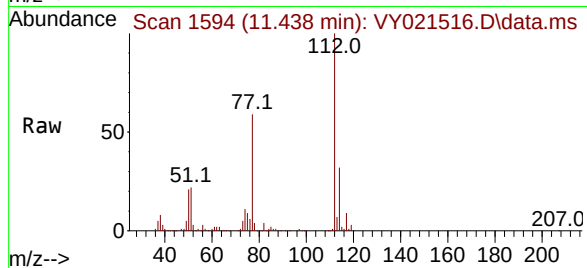
VSTDCCC050

Tgt Ion:112 Resp: 351704

Ion Ratio Lower Upper

112 100

114 32.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 53.082 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

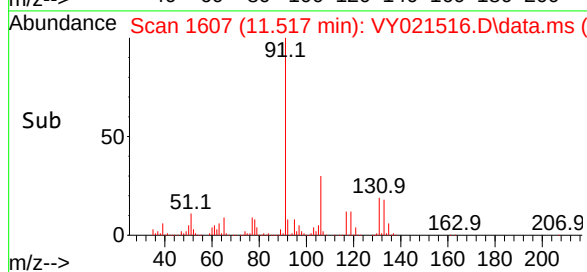
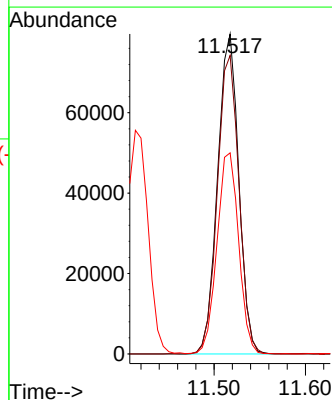
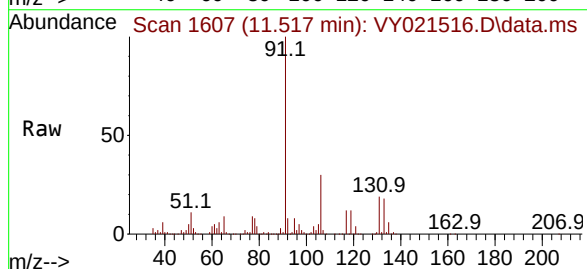
Tgt Ion:131 Resp: 127877

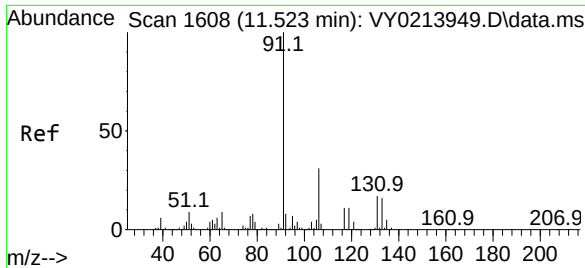
Ion Ratio Lower Upper

131 100

133 95.5 47.6 142.9

119 64.6 32.3 96.9





#67

Ethyl Benzene

Concen: 51.995 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

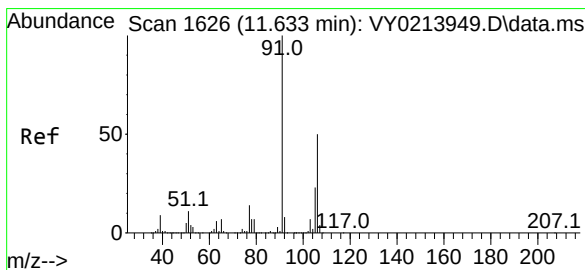
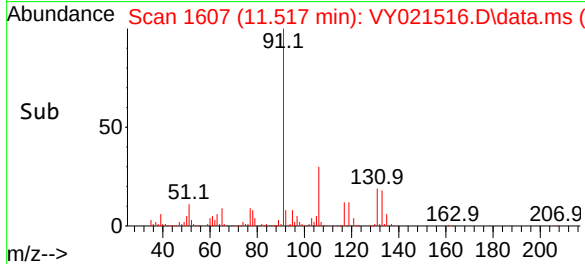
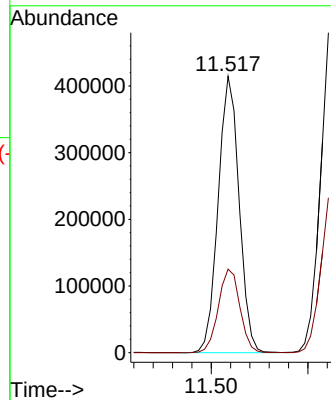
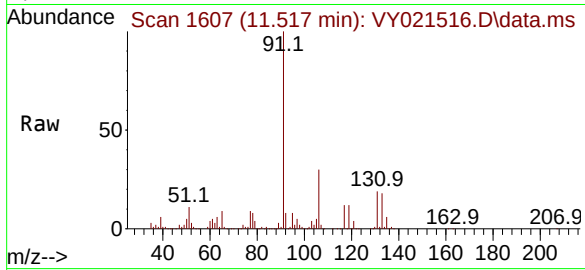
VSTDCCC050

Tgt Ion: 91 Resp: 621851

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 105.773 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021516.D

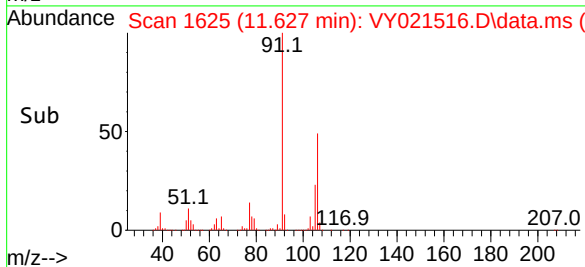
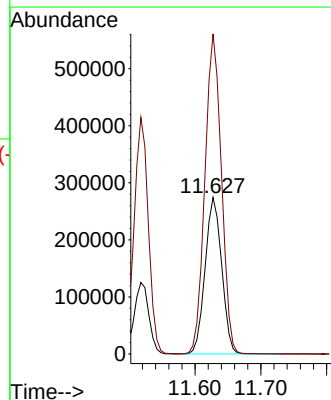
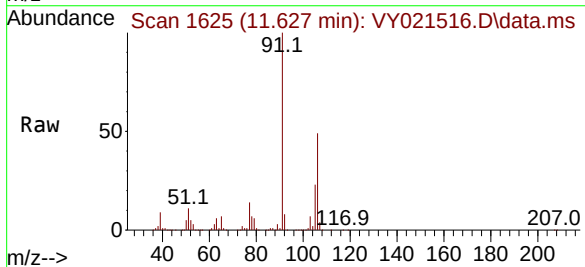
Acq: 13 Mar 2025 10:31

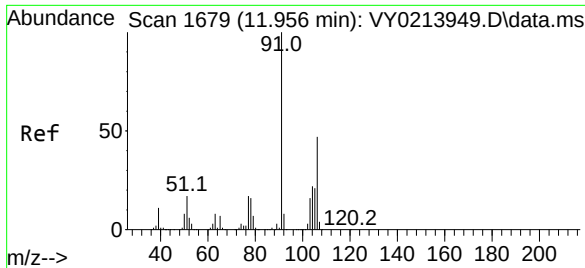
Tgt Ion:106 Resp: 480269

Ion Ratio Lower Upper

106 100

91 203.9 161.7 242.5





#69

o-Xylene

Concen: 53.479 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

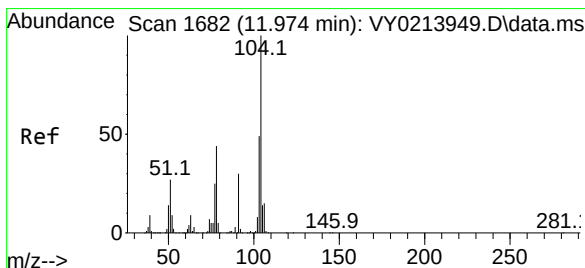
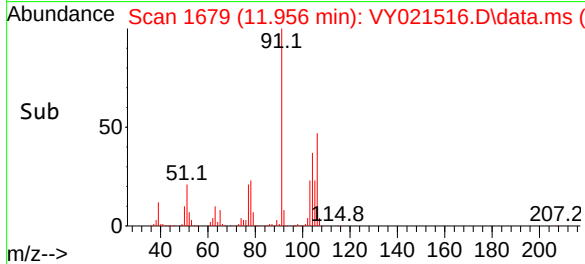
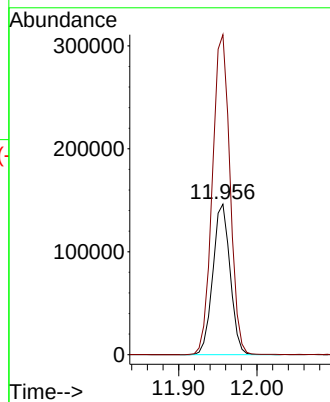
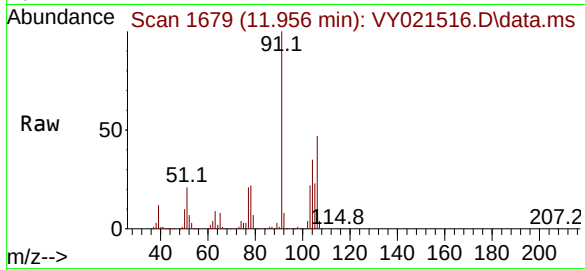
VSTDCCC050

Tgt Ion:106 Resp: 223795

Ion Ratio Lower Upper

106 100

91 216.6 107.6 322.8



#70

Styrene

Concen: 55.915 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

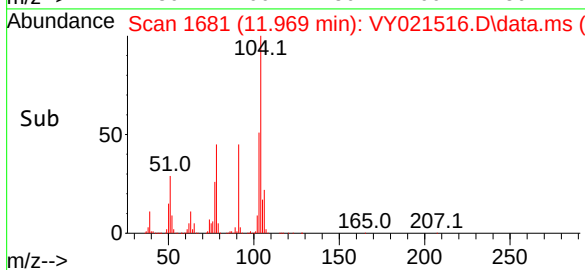
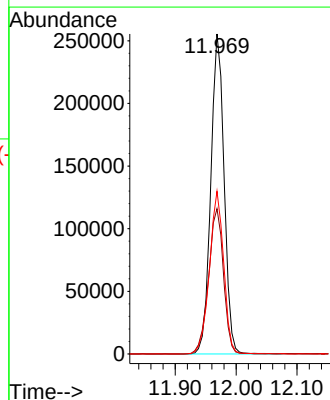
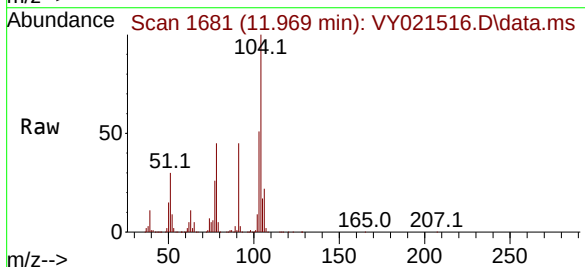
Tgt Ion:104 Resp: 388175

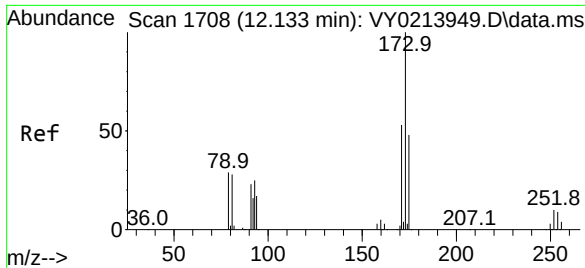
Ion Ratio Lower Upper

104 100

78 50.8 40.7 61.1

103 54.3 44.1 66.1

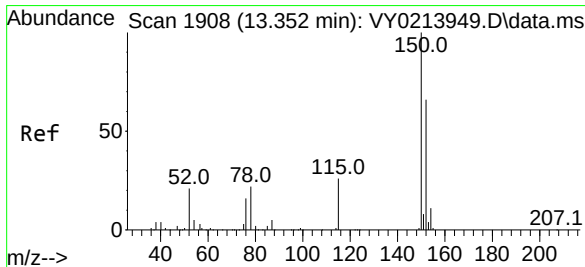
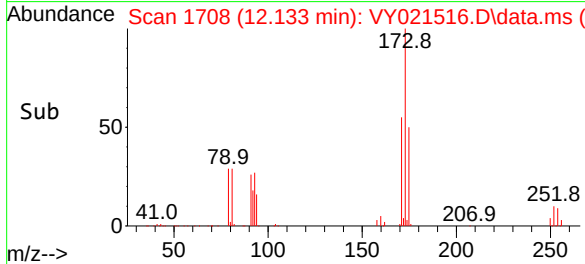
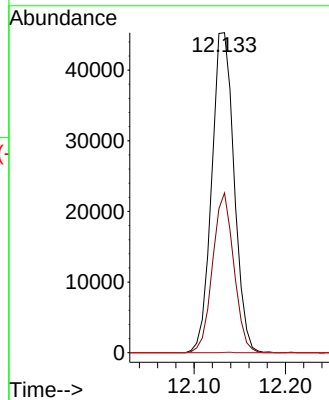
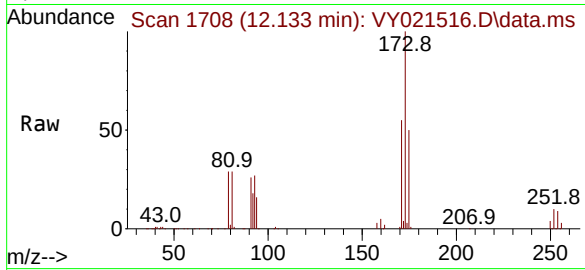




#71
Bromoform
Concen: 57.403 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

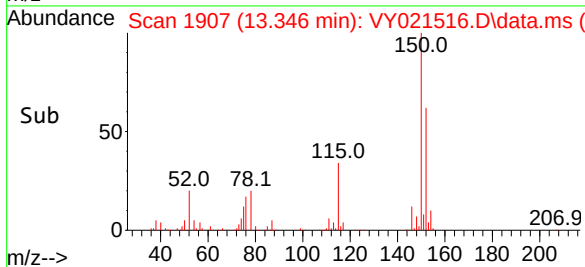
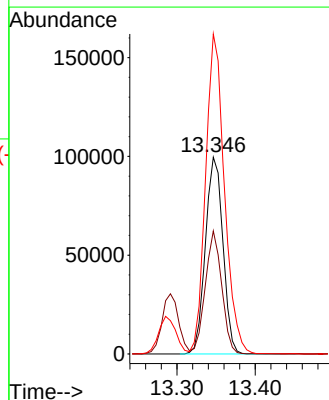
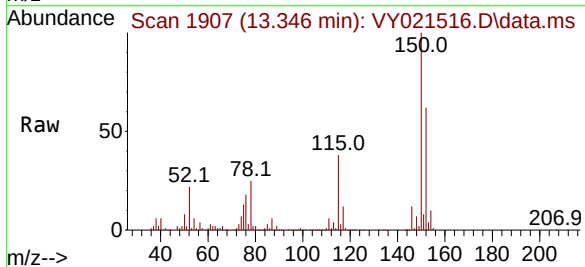
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

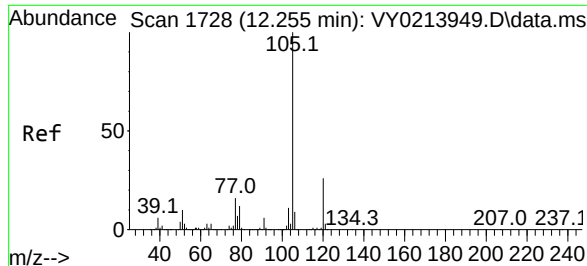
Tgt Ion:173 Resp: 77304
Ion Ratio Lower Upper
173 100
175 47.3 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion:152 Resp: 154472
Ion Ratio Lower Upper
152 100
115 58.6 29.0 87.0
150 174.7 0.0 347.2





#73

Isopropylbenzene

Concen: 49.347 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

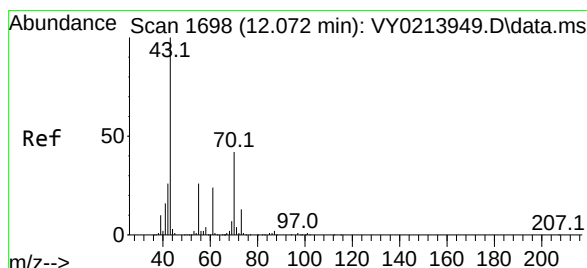
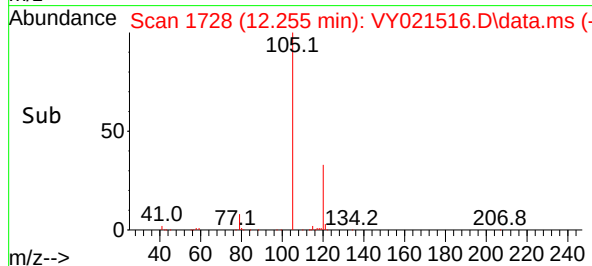
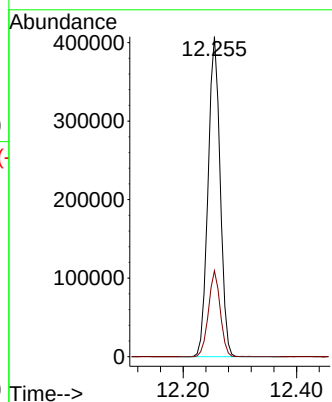
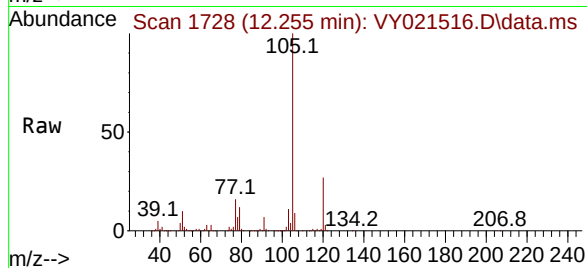
VSTDCCC050

Tgt Ion:105 Resp: 600464

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



#74

N-ethyl acetate

Concen: 56.615 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Tgt Ion: 43 Resp: 149611

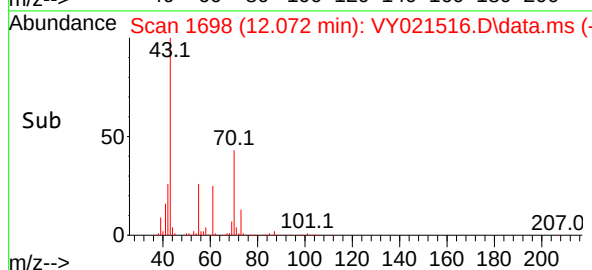
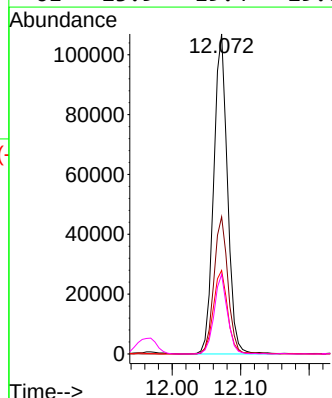
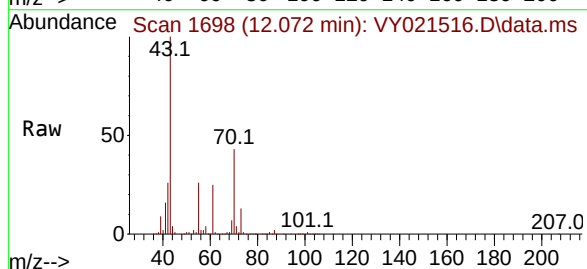
Ion Ratio Lower Upper

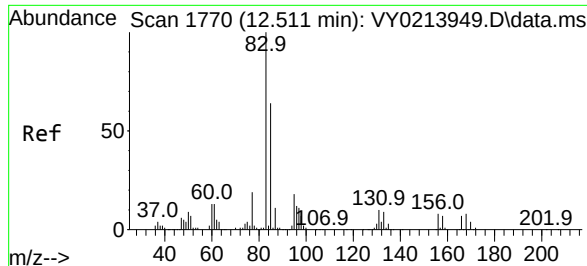
43 100

70 43.5 34.6 51.8

55 27.3 21.1 31.7

61 23.9 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.213 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

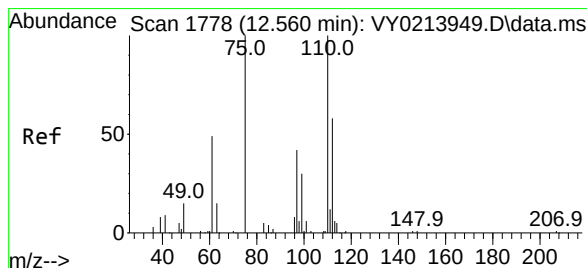
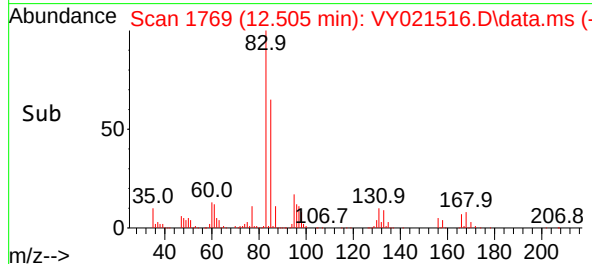
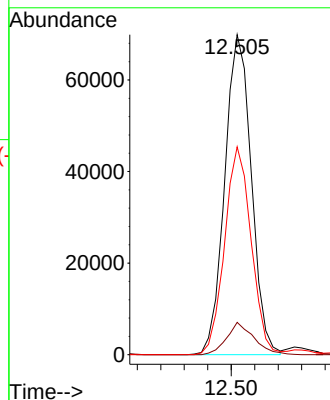
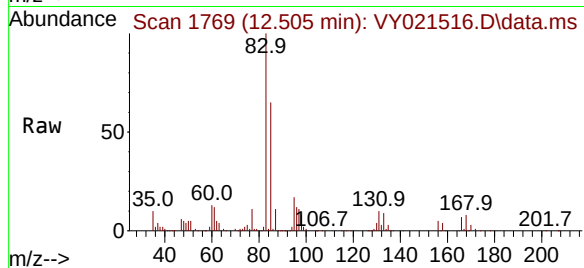
Tgt Ion: 83 Resp: 109969

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

85 64.7 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 53.494 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY021516.D

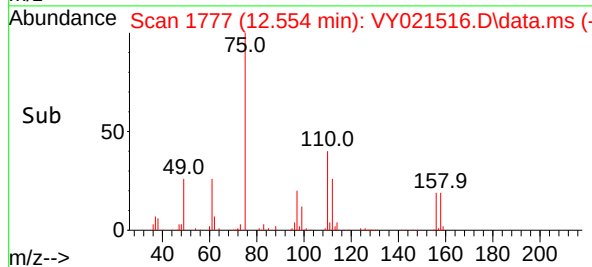
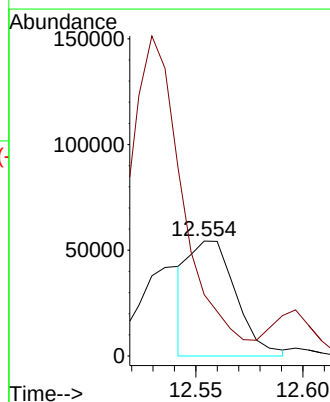
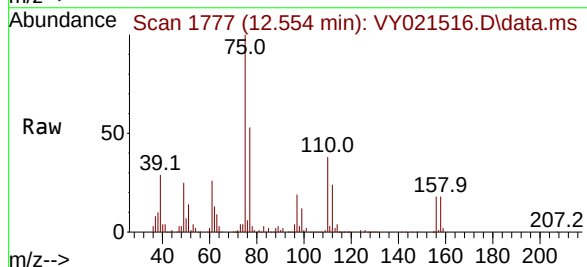
Acq: 13 Mar 2025 10:31

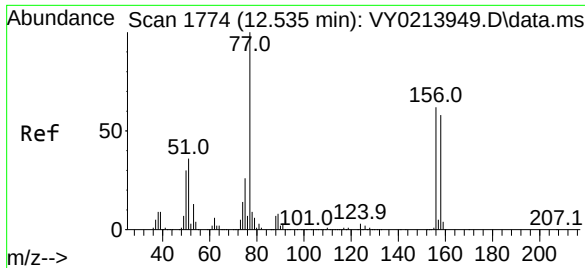
Tgt Ion: 75 Resp: 83268

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.985 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

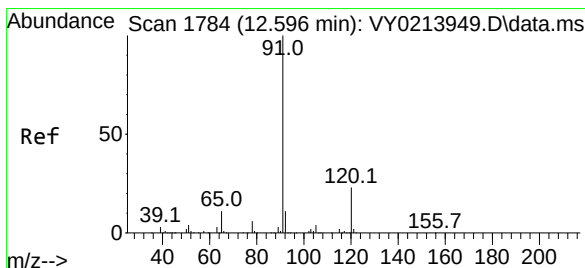
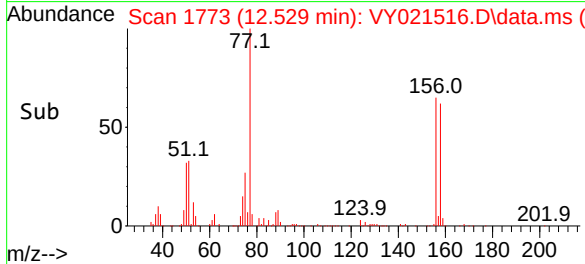
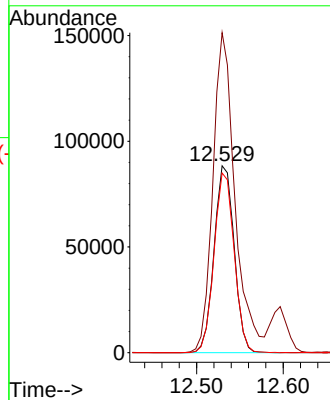
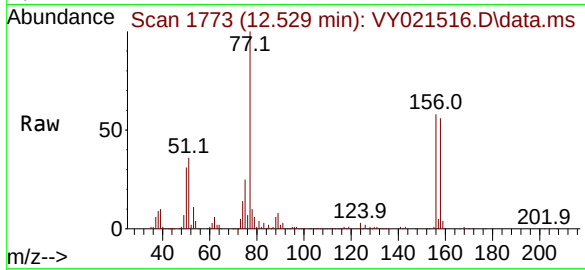
Tgt Ion:156 Resp: 142295

Ion Ratio Lower Upper

156 100

77 188.1 93.6 280.8

158 96.6 48.3 144.8



#78

n-propylbenzene

Concen: 49.509 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021516.D

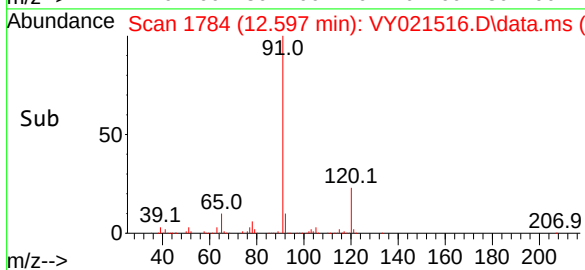
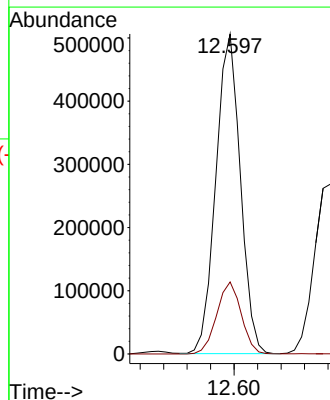
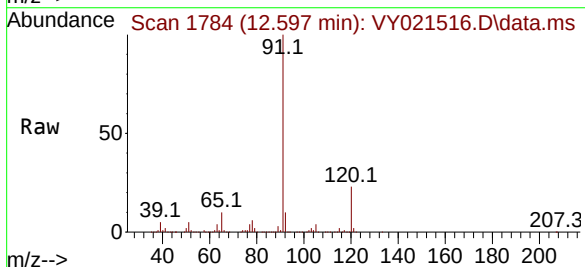
Acq: 13 Mar 2025 10:31

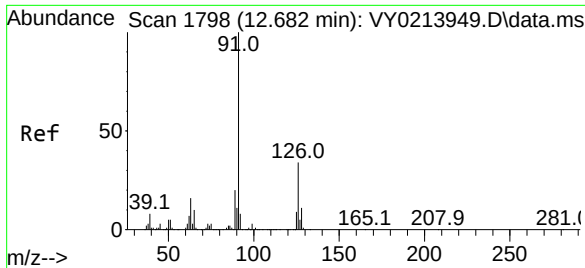
Tgt Ion: 91 Resp: 731634

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 49.781 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

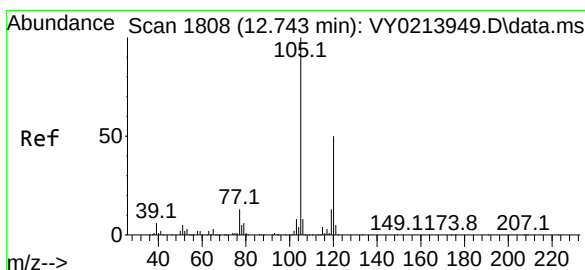
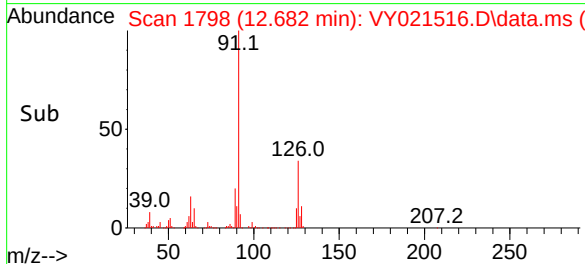
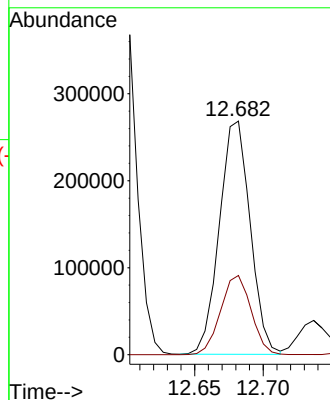
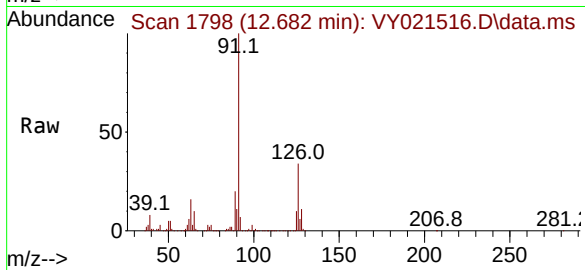
VSTDCCC050

Tgt Ion: 91 Resp: 420644

Ion Ratio Lower Upper

91 100

126 33.5 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 50.329 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021516.D

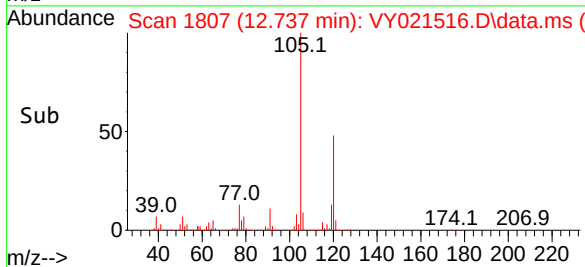
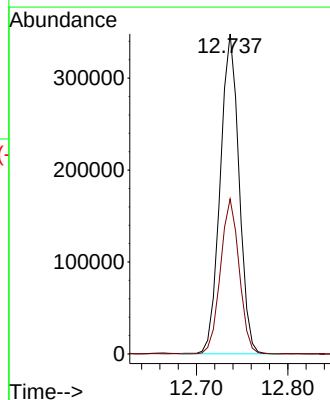
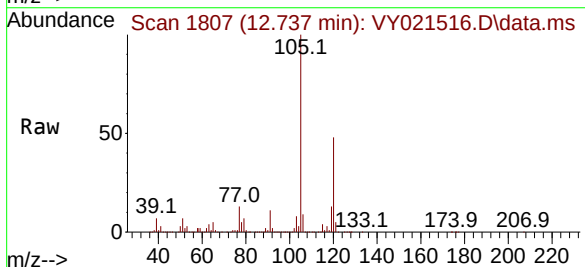
Acq: 13 Mar 2025 10:31

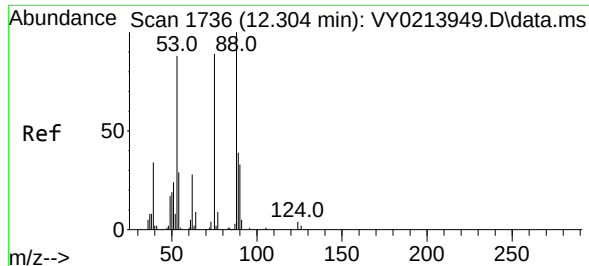
Tgt Ion: 105 Resp: 497679

Ion Ratio Lower Upper

105 100

120 48.2 24.6 73.6

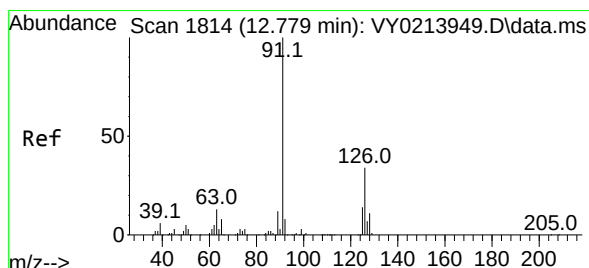
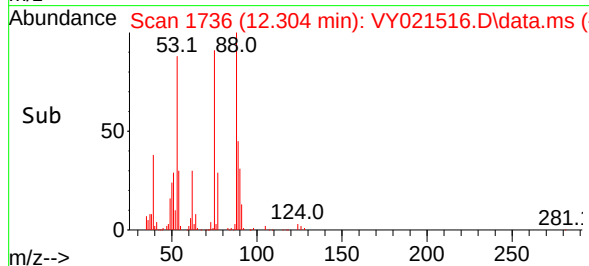
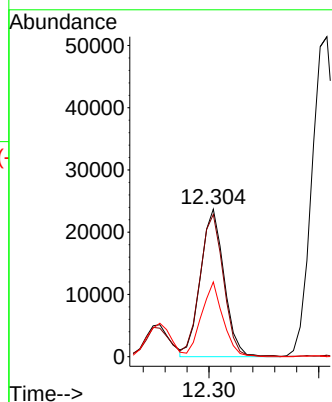
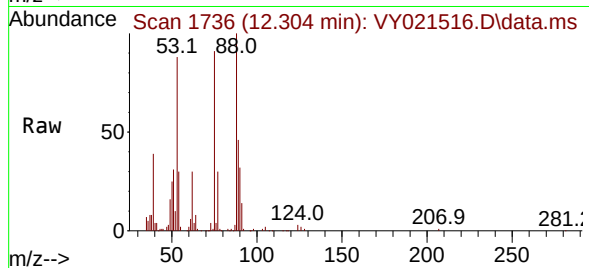




#81
trans-1,4-Dichloro-2-butene
Concen: 51.831 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

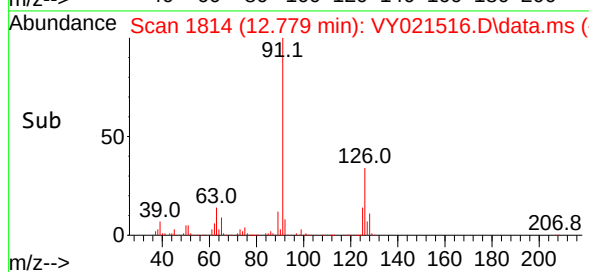
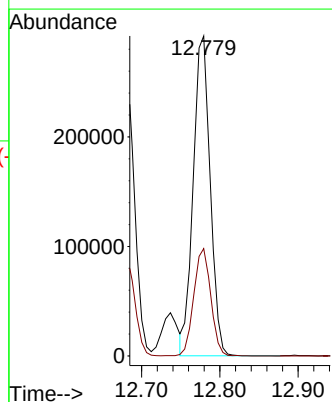
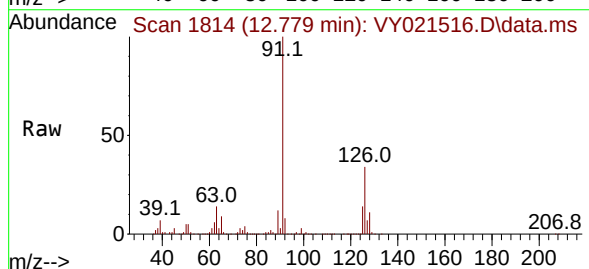
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

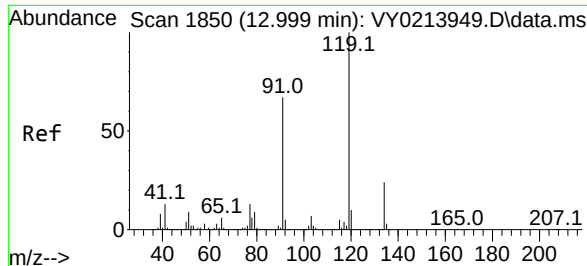
Tgt Ion: 75 Resp: 35490
Ion Ratio Lower Upper
75 100
53 95.1 81.0 121.4
89 45.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.279 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 91 Resp: 439942
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 50.008 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

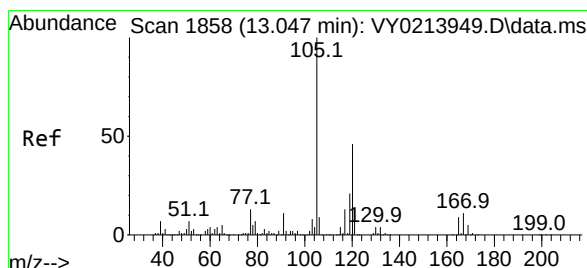
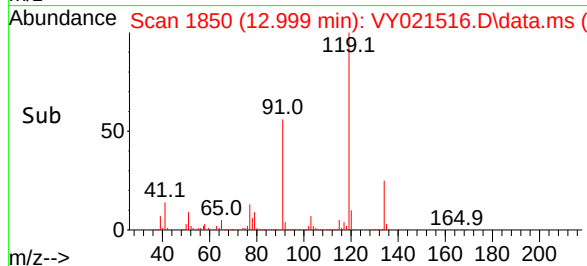
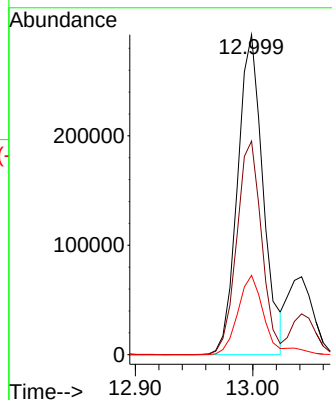
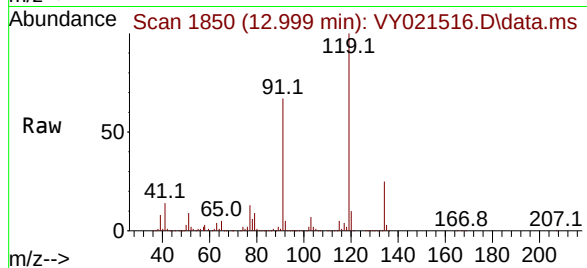
Tgt Ion:119 Resp: 441150

Ion Ratio Lower Upper

119 100

91 65.3 33.2 99.6

134 26.0 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 51.215 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY021516.D

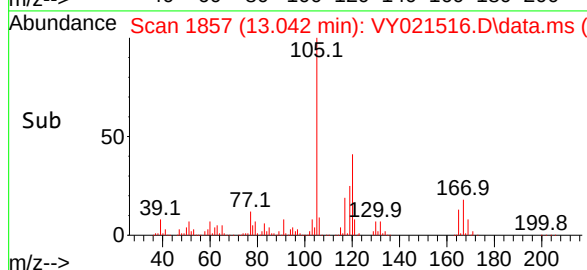
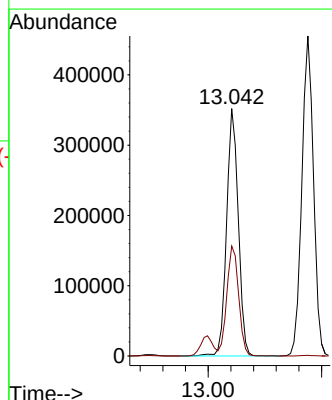
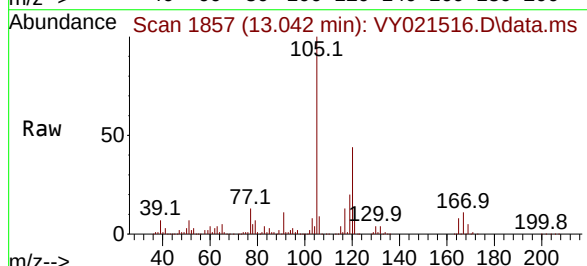
Acq: 13 Mar 2025 10:31

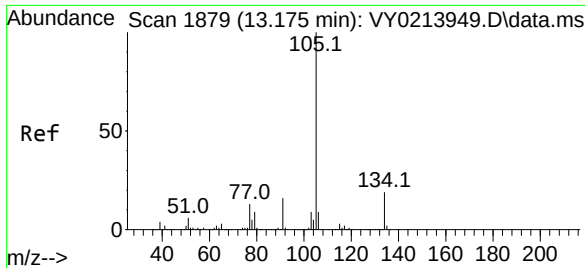
Tgt Ion:105 Resp: 502842

Ion Ratio Lower Upper

105 100

120 44.9 22.7 68.1





#85

sec-Butylbenzene

Concen: 49.261 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

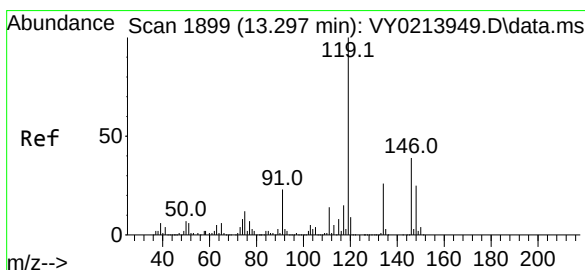
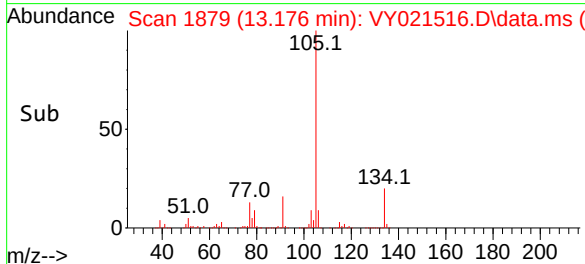
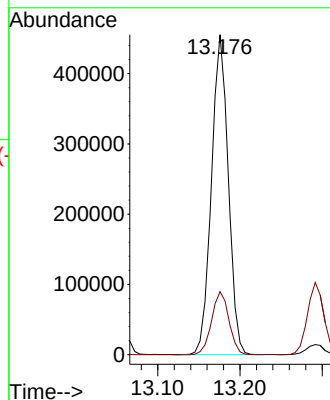
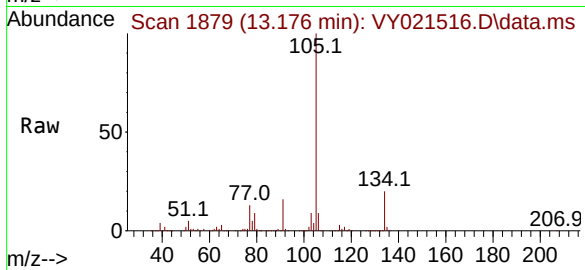
VSTDCCC050

Tgt Ion:105 Resp: 646559

Ion Ratio Lower Upper

105 100

134 20.3 9.9 29.7



#86

p-Isopropyltoluene

Concen: 50.653 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

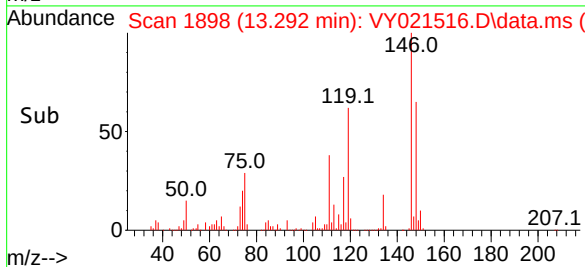
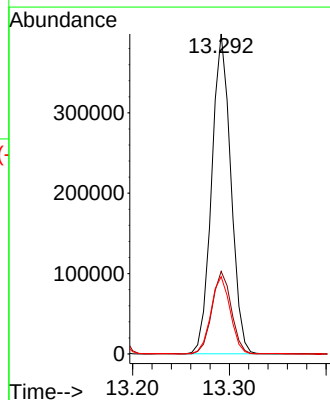
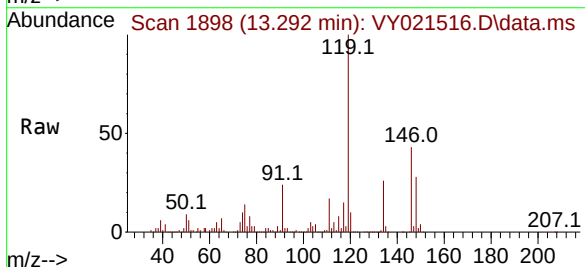
Tgt Ion:119 Resp: 547718

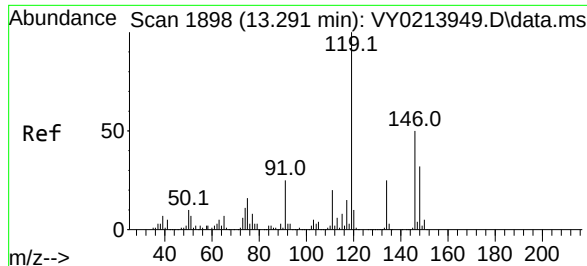
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 24.3 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 50.151 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

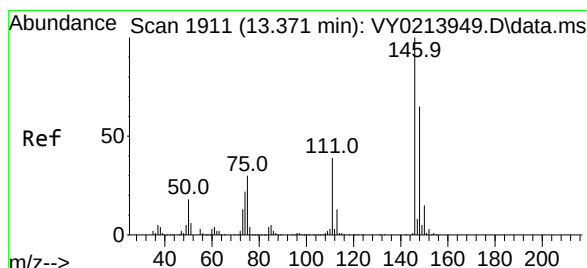
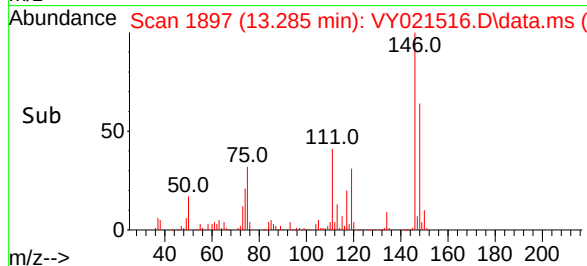
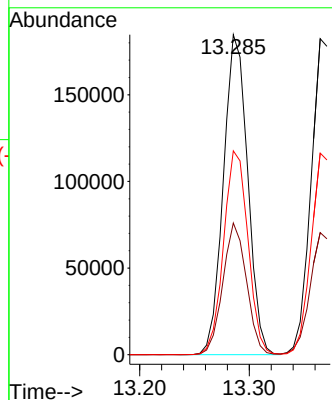
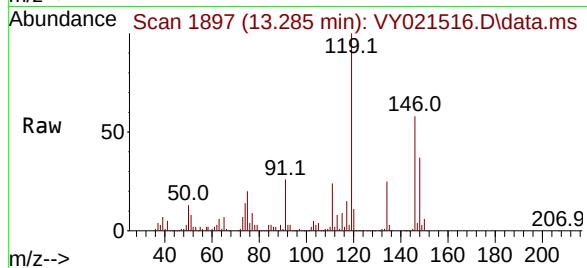
Tgt Ion:146 Resp: 284184

Ion Ratio Lower Upper

146 100

111 40.1 20.0 60.0

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.573 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

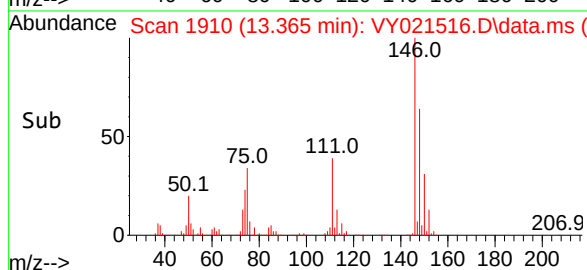
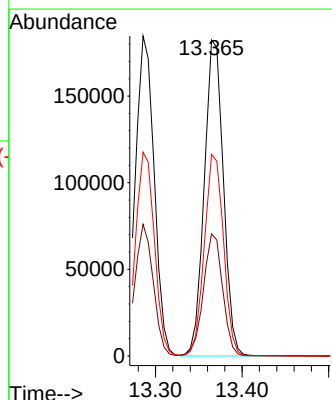
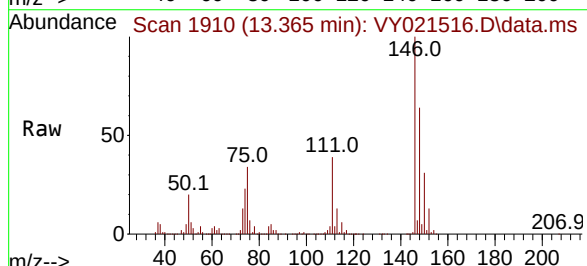
Tgt Ion:146 Resp: 280265

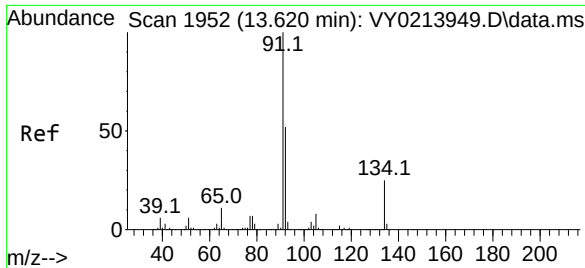
Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.8

148 64.1 32.3 96.8





#89

n-Butylbenzene

Concen: 51.198 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

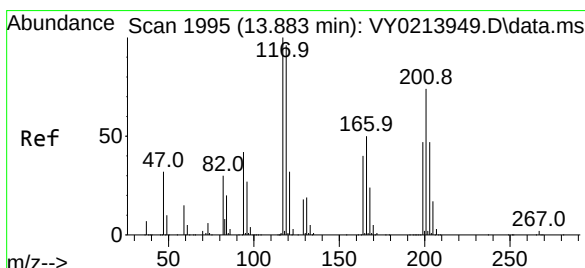
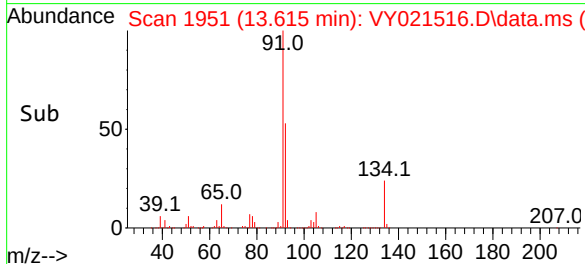
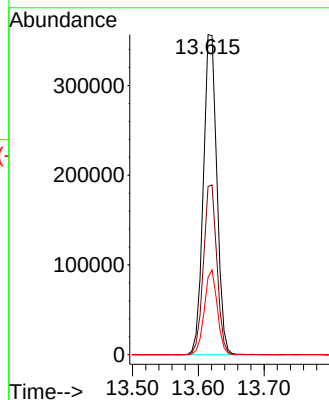
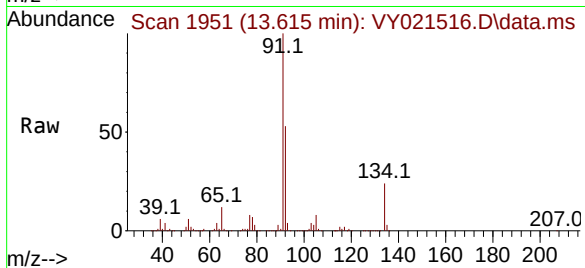
Tgt Ion: 91 Resp: 511203

Ion Ratio Lower Upper

91 100

92 52.6 26.1 78.3

134 25.3 12.6 37.8



#90

Hexachloroethane

Concen: 48.815 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021516.D

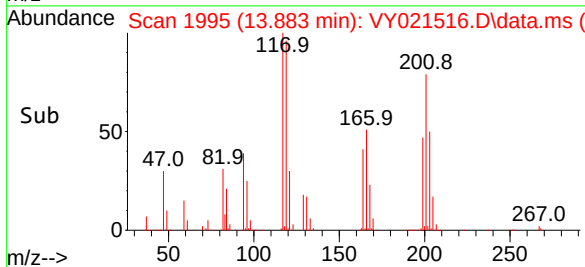
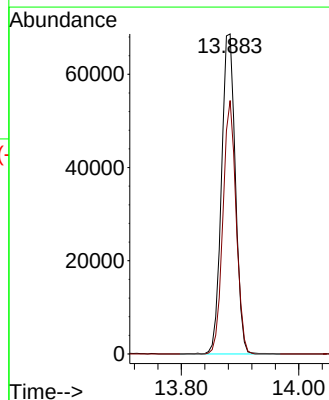
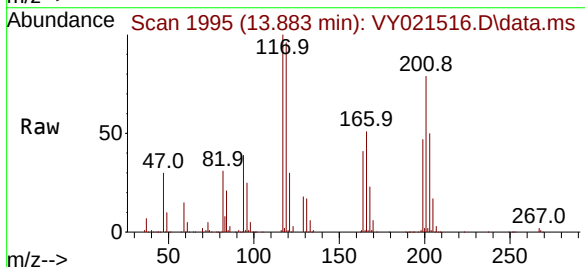
Acq: 13 Mar 2025 10:31

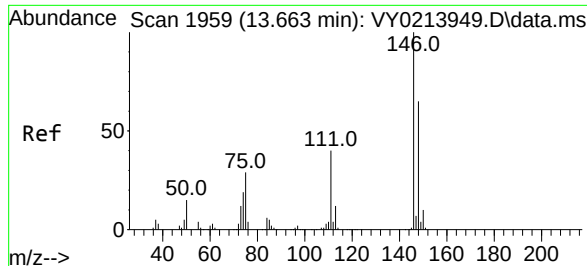
Tgt Ion: 117 Resp: 112606

Ion Ratio Lower Upper

117 100

201 75.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 51.908 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

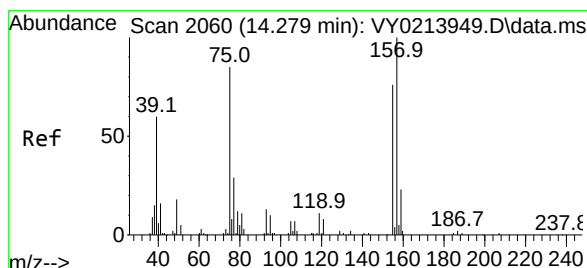
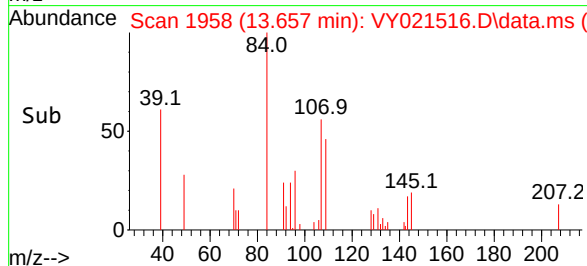
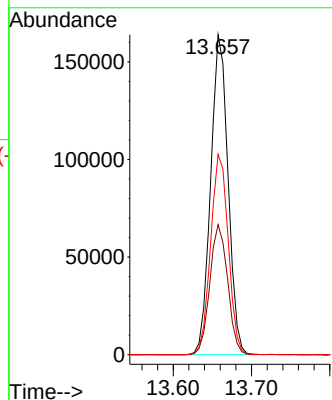
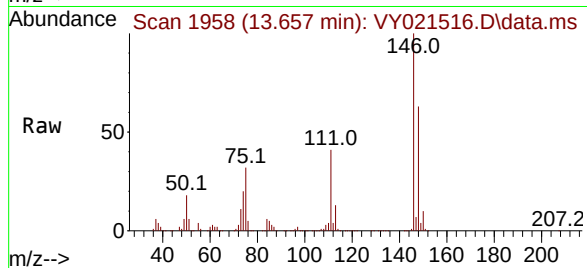
Tgt Ion:146 Resp: 252105

Ion Ratio Lower Upper

146 100

111 41.7 20.7 62.1

148 63.7 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.553 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

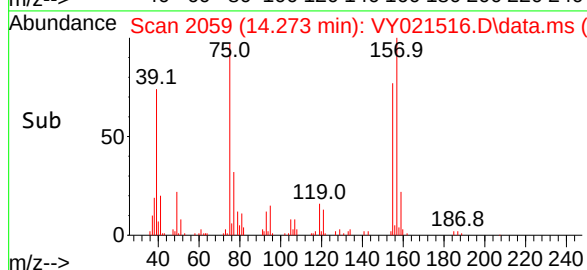
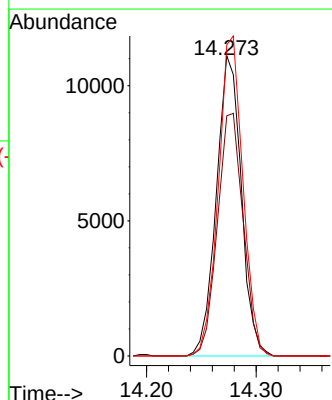
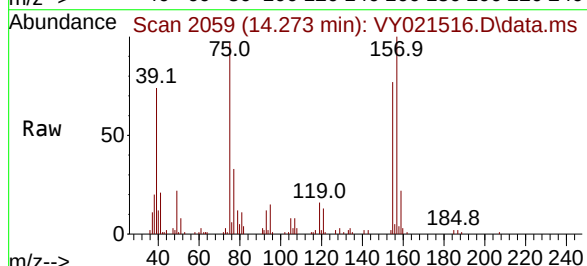
Tgt Ion: 75 Resp: 17547

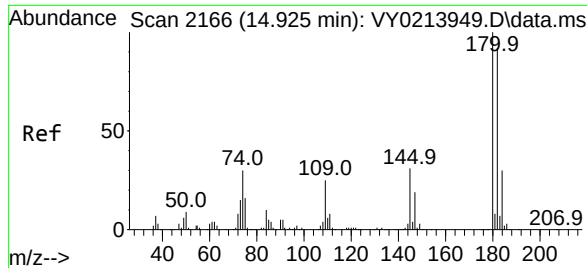
Ion Ratio Lower Upper

75 100

155 83.4 43.5 130.5

157 105.1 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 55.434 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

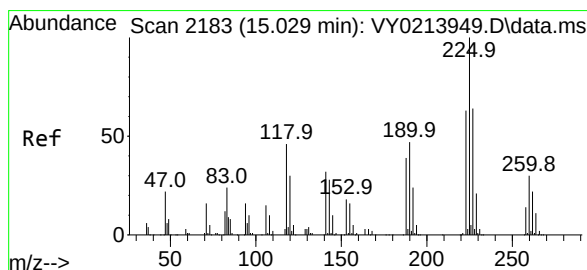
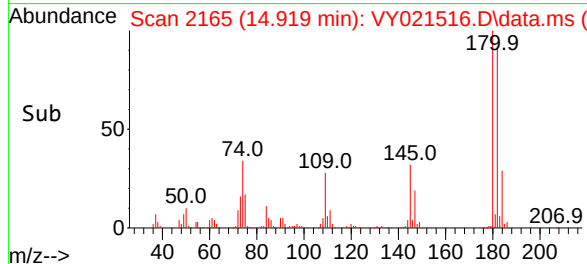
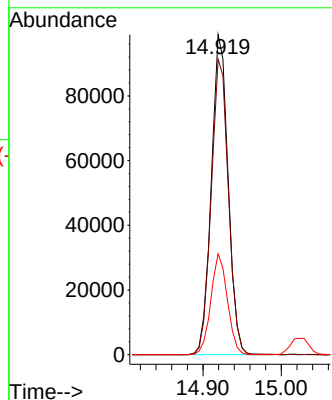
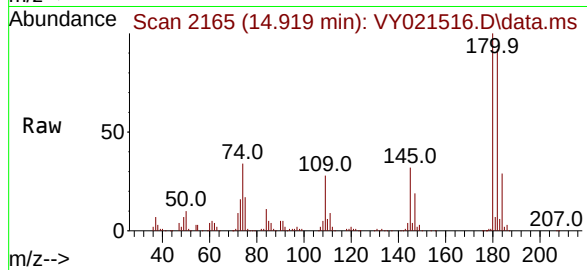
Tgt Ion:180 Resp: 147054

Ion Ratio Lower Upper

180 100

182 94.4 46.7 140.0

145 30.9 15.6 46.8



#94

Hexachlorobutadiene

Concen: 52.106 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

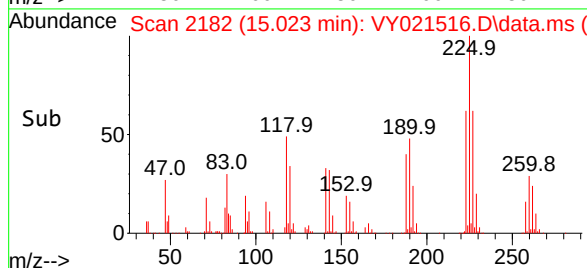
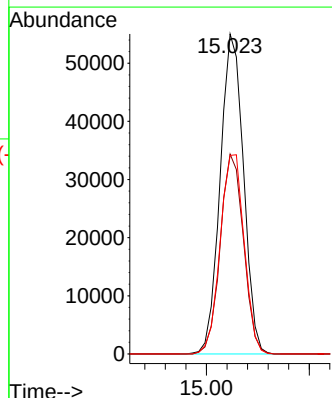
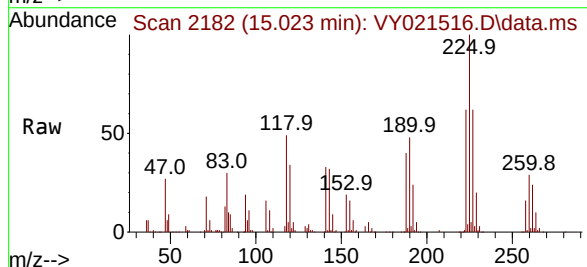
Tgt Ion:225 Resp: 86645

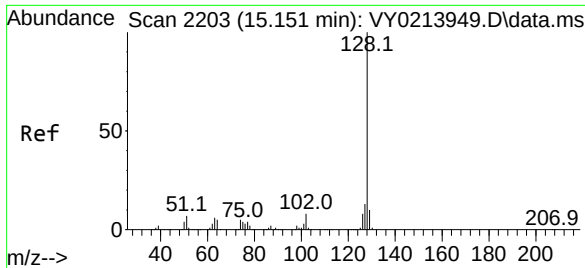
Ion Ratio Lower Upper

225 100

223 62.1 31.4 94.2

227 64.1 31.8 95.4





#95

Naphthalene

Concen: 56.552 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

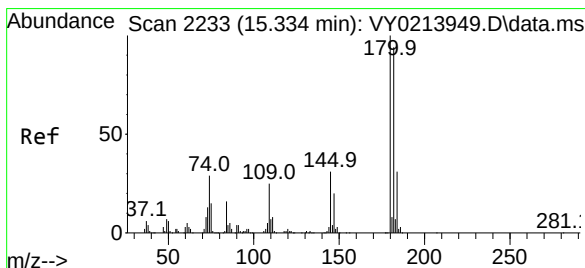
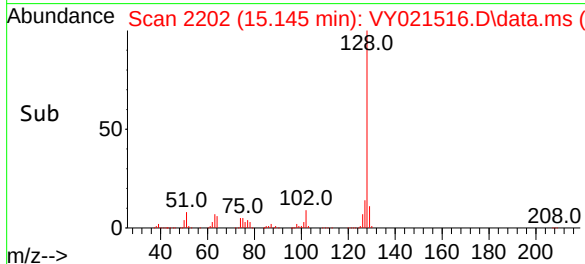
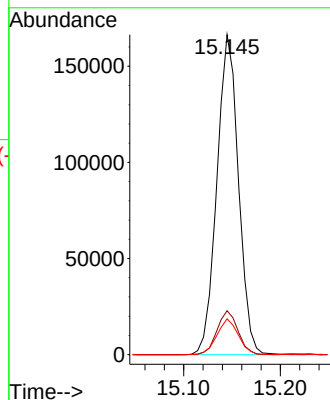
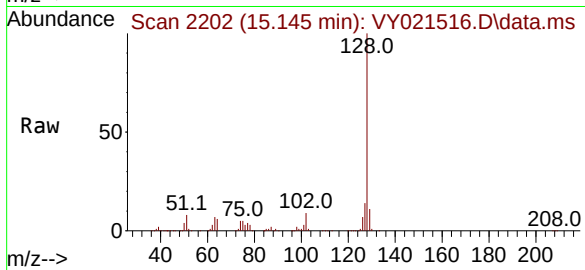
Tgt Ion:128 Resp: 257694

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 57.401 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

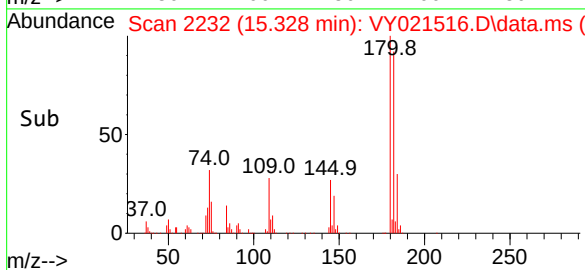
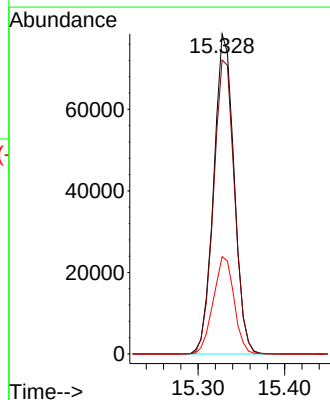
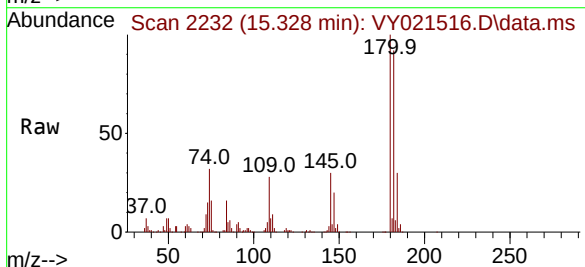
Tgt Ion:180 Resp: 128067

Ion Ratio Lower Upper

180 100

182 94.7 47.2 141.6

145 31.1 16.4 49.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021516.D
 Acq On : 13 Mar 2025 10:31
 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: Mar 14 14:55:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	86	0.00
2 T	Dichlorodifluoromethane	0.459	0.420	8.5	81	0.00
3 P	Chloromethane	0.647	0.671	-3.7	94	0.00
4 C	Vinyl Chloride	0.707	0.776	-9.8#	97	0.00
5 T	Bromomethane	0.511	0.537	-5.1	99	-0.01
6 T	Chloroethane	0.467	0.562	-20.3	105	0.00
7 T	Trichlorofluoromethane	0.987	1.057	-7.1	94	-0.01
8 T	Diethyl Ether	0.273	0.300	-9.9	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.560	0.5	90	-0.01
10 T	Methyl Iodide	0.573	0.637	-11.2	87	-0.01
11 T	Tert butyl alcohol	0.041	0.040	2.4	90	-0.01
12 CM	1,1-Dichloroethene	0.514	0.507	1.4#	87	-0.01
13 T	Acrolein	0.027	0.004	85.2#	85	-0.02
14 T	Allyl chloride	0.830	0.863	-4.0	88	-0.02
15 T	Acrylonitrile	0.116	0.137	-18.1	95	-0.01
16 T	Acetone	0.115	0.138	-20.0	88	0.00
17 T	Carbon Disulfide	1.610	1.590	1.2	84	-0.01
18 T	Methyl Acetate	0.256	0.354	-38.3#	107	0.00
19 T	Methyl tert-butyl Ether	1.302	1.467	-12.7	93	0.00
20 T	Methylene Chloride	0.605	0.601	0.7	94	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.590	-2.6	90	-0.02
22 T	Diisopropyl ether	1.789	1.985	-11.0	93	0.00
23 T	Vinyl Acetate	1.021	1.157	-13.3	90	-0.01
24 P	1,1-Dichloroethane	1.056	1.117	-5.8	92	-0.01
25 T	2-Butanone	0.159	0.190	-19.5	91	0.00
26 T	2,2-Dichloropropane	0.971	0.962	0.9	88	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.701	-7.4	92	0.00
28 T	Bromochloromethane	0.443	0.448	-1.1	83	0.00
29 T	Tetrahydrofuran	0.098	0.120	-22.4	94	0.00
30 C	Chloroform	1.096	1.190	-8.6#	94	-0.01
31 T	Cyclohexane	0.990	0.934	5.7	86	-0.01
32 T	1,1,1-Trichloroethane	1.004	1.046	-4.2	92	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.596	-12.9	107	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.329	0.362	-10.0	106	0.00
36 T	1,1-Dichloropropene	0.514	0.535	-4.1	89	0.00
37 T	Ethyl Acetate	0.227	0.277	-22.0	97	0.00
38 T	Carbon Tetrachloride	0.592	0.613	-3.5	90	0.00
39 T	Methylcyclohexane	0.631	0.636	-0.8	85	-0.01
40 TM	Benzene	1.515	1.619	-6.9	91	0.00
41 T	Methacrylonitrile	0.124	0.148	-19.4	98	0.00
42 TM	1,2-Dichloroethane	0.424	0.479	-13.0	95	-0.01
43 T	Isopropyl Acetate	0.441	0.521	-18.1	93	0.00
44 TM	Trichloroethene	0.383	0.404	-5.5	92	-0.01
45 C	1,2-Dichloropropane	0.361	0.398	-10.2#	94	0.00
46 T	Dibromomethane	0.201	0.233	-15.9	95	0.00
47 T	Bromodichloromethane	0.533	0.602	-12.9	95	0.00
48 T	Methyl methacrylate	0.203	0.247	-21.7	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021516.D
 Acq On : 13 Mar 2025 10:31
 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: Mar 14 14:55:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	0.003	-50.0#	102	0.00
50 S	Toluene-d8	1.244	1.328	-6.8	101	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.288	-26.3#	95	0.00
52 CM	Toluene	0.955	1.044	-9.3#	91	0.00
53 T	t-1,3-Dichloropropene	0.470	0.542	-15.3	94	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.625	-12.2	92	0.00
55 T	1,1,2-Trichloroethane	0.263	0.310	-17.9	95	0.00
56 T	Ethyl methacrylate	0.335	0.418	-24.8	94	0.00
57 T	1,3-Dichloropropane	0.455	0.528	-16.0	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.191	-23.2	95	0.00
59 T	2-Hexanone	0.151	0.197	-30.5#	94	0.00
60 T	Dibromochloromethane	0.360	0.414	-15.0	95	0.00
61 T	1,2-Dibromoethane	0.248	0.286	-15.3	94	0.00
62 S	4-Bromofluorobenzene	0.423	0.468	-10.6	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.407	0.471	-15.7	105	0.00
65 PM	Chlorobenzene	1.181	1.219	-3.2	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.443	-6.2	95	0.00
67 C	Ethyl Benzene	2.072	2.155	-4.0#	91	0.00
68 T	m/p-Xylenes	0.787	0.832	-5.7	91	0.00
69 T	o-Xylene	0.725	0.776	-7.0	92	0.00
70 T	Styrene	1.203	1.345	-11.8	95	0.00
71 P	Bromoform	0.233	0.268	-15.0	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.939	3.887	1.3	92	0.00
74 T	N-amyl acetate	0.855	0.969	-13.3	97	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.712	-2.4	93	0.00
76 T	1,2,3-Trichloropropane	0.504	0.539	-6.9	104	0.00
77 T	Bromobenzene	0.921	0.921	0.0	95	0.00
78 T	n-propylbenzene	4.783	4.736	1.0	92	0.00
79 T	2-Chlorotoluene	2.735	2.723	0.4	94	0.00
80 T	1,3,5-Trimethylbenzene	3.201	3.222	-0.7	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.230	-3.6	92	0.00
82 T	4-Chlorotoluene	2.832	2.848	-0.6	95	0.00
83 T	tert-Butylbenzene	2.855	2.856	-0.0	93	0.00
84 T	1,2,4-Trimethylbenzene	3.178	3.255	-2.4	95	0.00
85 T	sec-Butylbenzene	4.248	4.186	1.5	91	0.00
86 T	p-Isopropyltoluene	3.500	3.546	-1.3	94	0.00
87 T	1,3-Dichlorobenzene	1.834	1.840	-0.3	97	0.00
88 T	1,4-Dichlorobenzene	1.794	1.814	-1.1	97	0.00
89 T	n-Butylbenzene	3.232	3.309	-2.4	93	0.00
90 T	Hexachloroethane	0.747	0.729	2.4	95	0.00
91 T	1,2-Dichlorobenzene	1.572	1.632	-3.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.114	-9.6	100	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.952	-10.8	100	0.00
94 T	Hexachlorobutadiene	0.538	0.561	-4.3	97	0.00
95 T	Naphthalene	1.390	1.668	-20.0	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021516.D
Acq On : 13 Mar 2025 10:31
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: Mar 14 14:55:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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	0.722	0.829	-14.8	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021516.D
 Acq On : 13 Mar 2025 10:31
 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: Mar 14 14:55:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	45.748	8.5	81	0.00
3 P	Chloromethane	50.000	51.827	-3.7	94	0.00
4 C	Vinyl Chloride	50.000	54.862	-9.7#	97	0.00
5 T	Bromomethane	50.000	52.544	-5.1	99	-0.01
6 T	Chloroethane	50.000	60.121	-20.2	105	0.00
7 T	Trichlorofluoromethane	50.000	53.565	-7.1	94	-0.01
8 T	Diethyl Ether	50.000	54.820	-9.6	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.683	0.6	90	-0.01
10 T	Methyl Iodide	50.000	55.598	-11.2	87	-0.01
11 T	Tert butyl alcohol	250.000	292.213	-16.9	90	-0.01
12 CM	1,1-Dichloroethene	50.000	49.402	1.2#	87	-0.01
13 T	Acrolein	250.000	41.669	83.3#	85	-0.02
14 T	Allyl chloride	50.000	51.977	-4.0	88	-0.02
15 T	Acrylonitrile	250.000	294.544	-17.8	95	-0.01
16 T	Acetone	250.000	298.676	-19.5	88	0.00
17 T	Carbon Disulfide	50.000	49.395	1.2	84	-0.01
18 T	Methyl Acetate	50.000	69.113	-38.2#	107	0.00
19 T	Methyl tert-butyl Ether	50.000	56.342	-12.7	93	0.00
20 T	Methylene Chloride	50.000	49.698	0.6	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.250	-2.5	90	-0.02
22 T	Diisopropyl ether	50.000	55.491	-11.0	93	0.00
23 T	Vinyl Acetate	250.000	283.301	-13.3	90	-0.01
24 P	1,1-Dichloroethane	50.000	52.889	-5.8	92	-0.01
25 T	2-Butanone	250.000	298.515	-19.4	91	0.00
26 T	2,2-Dichloropropane	50.000	49.520	1.0	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.619	-7.2	92	0.00
28 T	Bromochloromethane	50.000	50.653	-1.3	83	0.00
29 T	Tetrahydrofuran	250.000	305.386	-22.2	94	0.00
30 C	Chloroform	50.000	54.256	-8.5#	94	-0.01
31 T	Cyclohexane	50.000	47.201	5.6	86	-0.01
32 T	1,1,1-Trichloroethane	50.000	52.082	-4.2	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.409	-12.8	107	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	55.069	-10.1	106	0.00
36 T	1,1-Dichloropropene	50.000	51.978	-4.0	89	0.00
37 T	Ethyl Acetate	50.000	61.011	-22.0	97	0.00
38 T	Carbon Tetrachloride	50.000	51.777	-3.6	90	0.00
39 T	Methylcyclohexane	50.000	50.417	-0.8	85	-0.01
40 TM	Benzene	50.000	53.404	-6.8	91	0.00
41 T	Methacrylonitrile	50.000	59.779	-19.6	98	0.00
42 TM	1,2-Dichloroethane	50.000	56.523	-13.0	95	-0.01
43 T	Isopropyl Acetate	50.000	59.018	-18.0	93	0.00
44 TM	Trichloroethene	50.000	52.701	-5.4	92	-0.01
45 C	1,2-Dichloropropane	50.000	55.176	-10.4#	94	0.00
46 T	Dibromomethane	50.000	57.954	-15.9	95	0.00
47 T	Bromodichloromethane	50.000	56.459	-12.9	95	0.00
48 T	Methyl methacrylate	50.000	61.046	-22.1	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021516.D
 Acq On : 13 Mar 2025 10:31
 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: Mar 14 14:55:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	1347.757	-34.8#	102	0.00
50 S	Toluene-d8	50.000	53.353	-6.7	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	316.212	-26.5#	95	0.00
52 CM	Toluene	50.000	54.659	-9.3#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	57.767	-15.5	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.028	-12.1	92	0.00
55 T	1,1,2-Trichloroethane	50.000	59.110	-18.2	95	0.00
56 T	Ethyl methacrylate	50.000	62.399	-24.8	94	0.00
57 T	1,3-Dichloropropane	50.000	58.006	-16.0	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	309.241	-23.7	95	0.00
59 T	2-Hexanone	250.000	327.478	-31.0#	94	0.00
60 T	Dibromochloromethane	50.000	57.463	-14.9	95	0.00
61 T	1,2-Dibromoethane	50.000	57.625	-15.3	94	0.00
62 S	4-Bromofluorobenzene	50.000	55.307	-10.6	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	57.970	-15.9	105	0.00
65 PM	Chlorobenzene	50.000	51.615	-3.2	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.082	-6.2	95	0.00
67 C	Ethyl Benzene	50.000	51.995	-4.0#	91	0.00
68 T	m/p-Xylenes	100.000	105.773	-5.8	91	0.00
69 T	o-Xylene	50.000	53.479	-7.0	92	0.00
70 T	Styrene	50.000	55.915	-11.8	95	0.00
71 P	Bromoform	50.000	57.403	-14.8	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	49.347	1.3	92	0.00
74 T	N-amyl acetate	50.000	56.615	-13.2	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.213	-2.4	93	0.00
76 T	1,2,3-Trichloropropane	50.000	53.494	-7.0	104	0.00
77 T	Bromobenzene	50.000	49.985	0.0	95	0.00
78 T	n-propylbenzene	50.000	49.509	1.0	92	0.00
79 T	2-Chlorotoluene	50.000	49.781	0.4	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.329	-0.7	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.831	-3.7	92	0.00
82 T	4-Chlorotoluene	50.000	50.279	-0.6	95	0.00
83 T	tert-Butylbenzene	50.000	50.008	-0.0	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.215	-2.4	95	0.00
85 T	sec-Butylbenzene	50.000	49.261	1.5	91	0.00
86 T	p-Isopropyltoluene	50.000	50.653	-1.3	94	0.00
87 T	1,3-Dichlorobenzene	50.000	50.151	-0.3	97	0.00
88 T	1,4-Dichlorobenzene	50.000	50.573	-1.1	97	0.00
89 T	n-Butylbenzene	50.000	51.198	-2.4	93	0.00
90 T	Hexachloroethane	50.000	48.815	2.4	95	0.00
91 T	1,2-Dichlorobenzene	50.000	51.908	-3.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.553	-9.1	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.434	-10.9	100	0.00
94 T	Hexachlorobutadiene	50.000	52.106	-4.2	97	0.00
95 T	Naphthalene	50.000	56.552	-13.1	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021516.D
Acq On : 13 Mar 2025 10:31
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: Mar 14 14:55:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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	57.401	-14.8	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



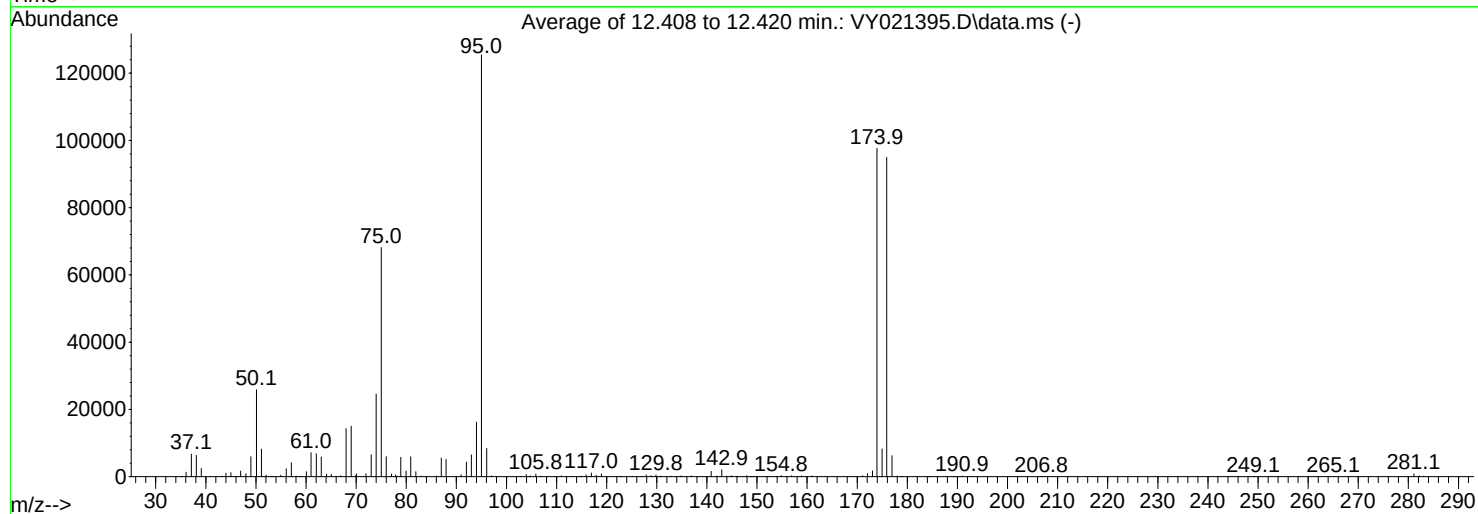
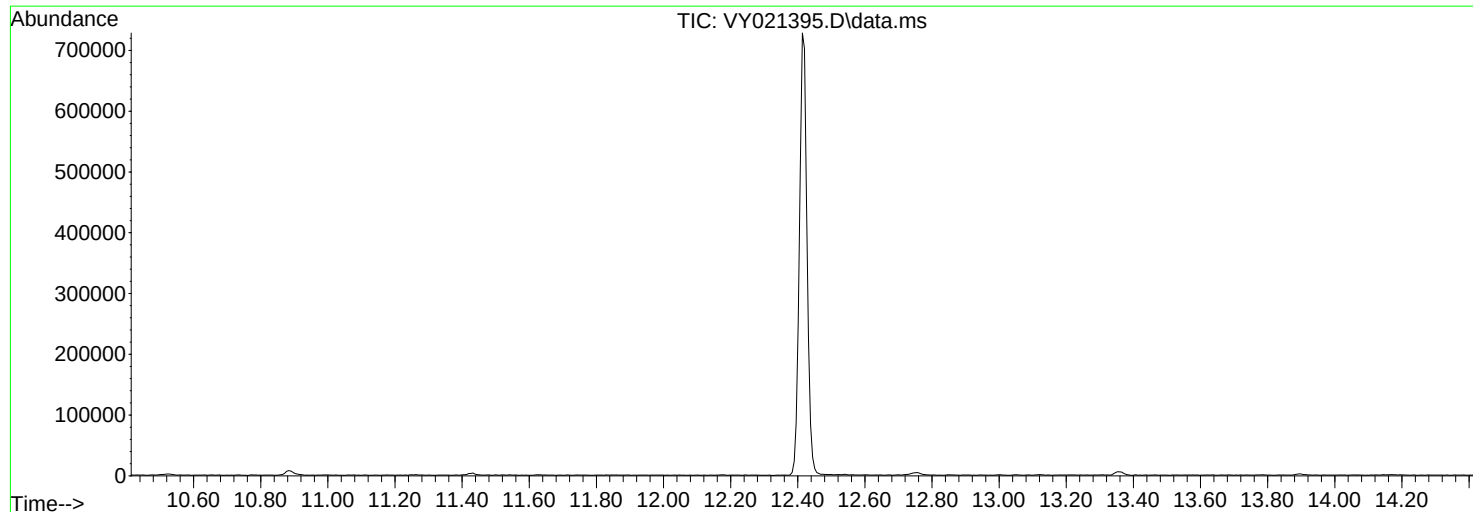
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
Data File : VY021395.D
Acq On : 04 Mar 2025 08:52
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\82Y030425S.M
Title : SW846 8260
Last Update : Wed Mar 05 12:42:45 2025



AutoFind: Scans 1753, 1754, 1755; Background Corrected with Scan 1745

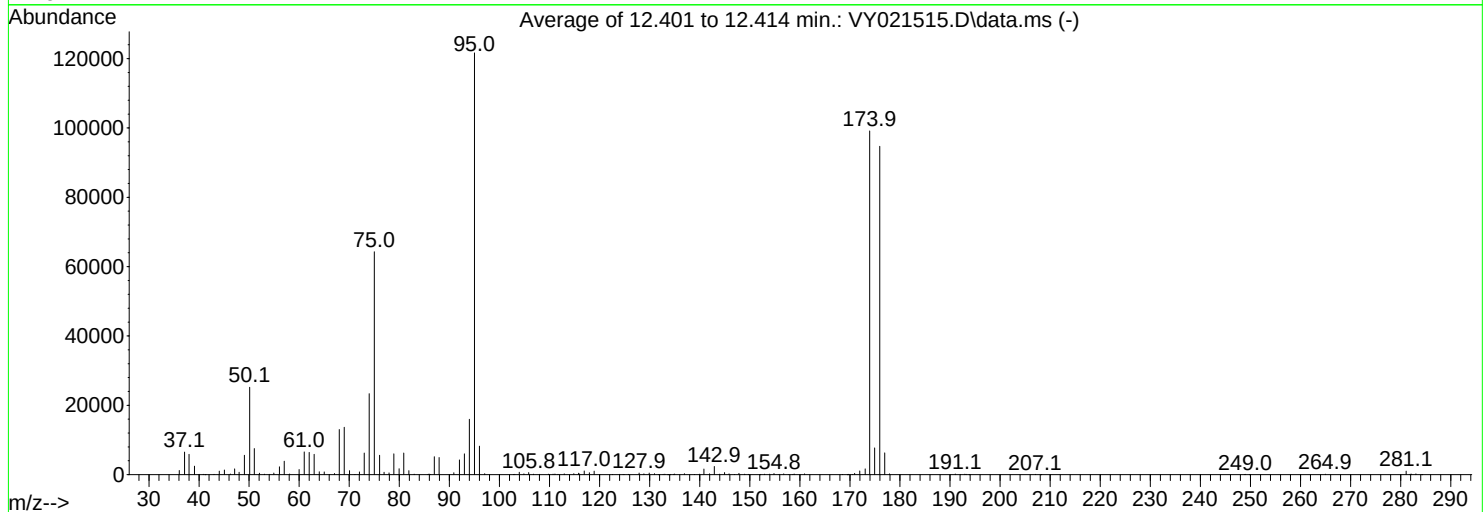
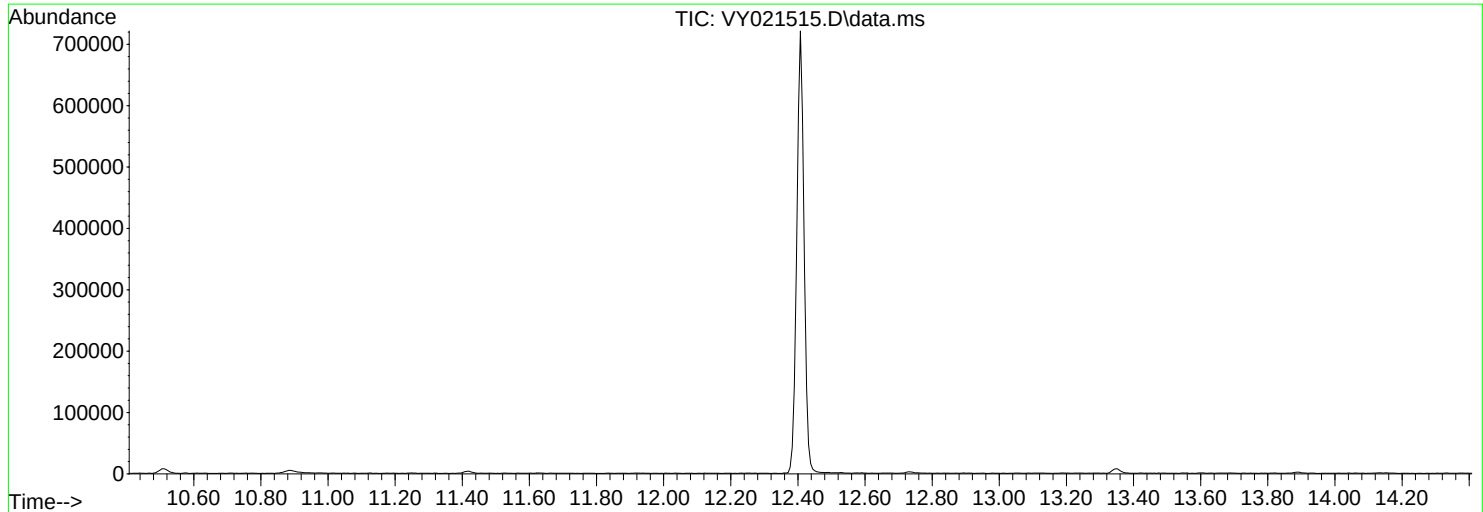
Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	20.6	25853	PASS
75	95	30	60	54.3	68152	PASS
95	95	100	100	100.0	125459	PASS
96	95	5	9	6.7	8382	PASS
173	174	0.00	2	1.8	1721	PASS
174	95	50	100	77.8	97645	PASS
175	174	5	9	8.4	8226	PASS
176	174	95	101	97.2	94957	PASS
177	176	5	9	6.6	6262	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021515.D
Acq On : 13 Mar 2025 09:58
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\82Y030425S.M
Title : SW846 8260
Last Update : Wed Mar 05 12:42:45 2025



AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1744

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.7	25195	PASS
75	95	30	60	52.9	64301	PASS
95	95	100	100	100.0	121661	PASS
96	95	5	9	6.8	8218	PASS
173	174	0.00	2	1.7	1646	PASS
174	95	50	100	81.5	99136	PASS
175	174	5	9	7.8	7699	PASS
176	174	95	101	95.6	94725	PASS
177	176	5	9	6.6	6281	PASS

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	248 Union St., Lodi	Date Received:	
Client Sample ID:	VY0313SBL01	SDG No.:	Q1542
Lab Sample ID:	VY0313SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% 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
VY021517.D	1		03/13/25 11:27	Vy031325

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:	248 Union St., Lodi		Date Received:	
Client Sample ID:	VY0313SBL01		SDG No.:	Q1542
Lab Sample ID:	VY0313SBL01		Matrix:	SOIL
Analytical Method:	SW8260		% 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
VY021517.D	1		03/13/25 11:27	Vy031325

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	59.2		70 (63) - 130 (155)	118%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		70 (70) - 130 (134)	103%	SPK: 50
2037-26-5	Toluene-d8	49.0		70 (74) - 130 (123)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.8		70 (38) - 130 (136)	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	239000	7.707			
540-36-3	1,4-Difluorobenzene	443000	8.616			
3114-55-4	Chlorobenzene-d5	398000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	156000	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:	248 Union St., Lodi		Date Received:	
Client Sample ID:	VY0313SBL01		SDG No.:	Q1542
Lab Sample ID:	VY0313SBL01		Matrix:	SOIL
Analytical Method:	SW8260		% 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
VY021517.D	1		03/13/25 11:27	Vy031325

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\VY031325\
 Data File : VY021517.D
 Acq On : 13 Mar 2025 11:27
 Operator : SY/MD
 Sample : VY0313SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBL01

Quant Time: Mar 14 14:55:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	239160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	443031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	398087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	156172	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149753	59.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.480%
35) Dibromofluoromethane	7.634	113	150325	51.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.240%
50) Toluene-d8	10.109	98	540551	49.024	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.408	95	164450	43.846	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.700%

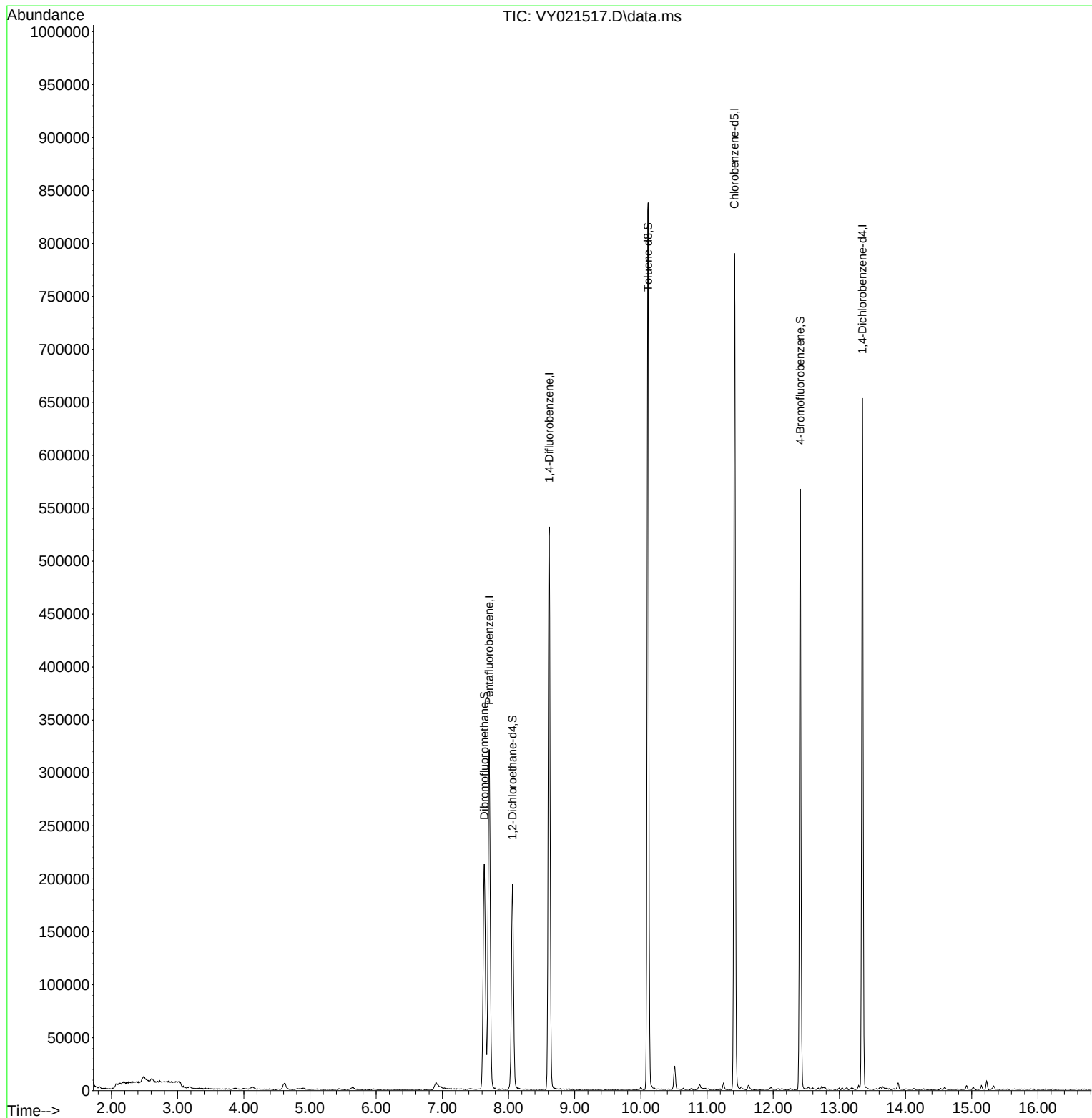
Target Compounds	Qvalue

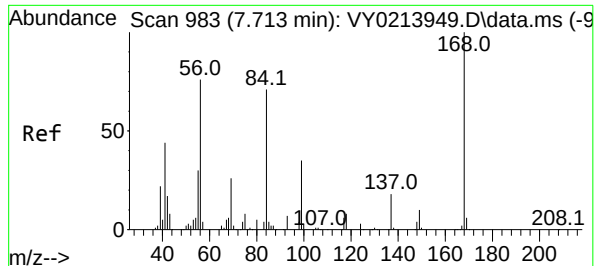
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021517.D
Acq On : 13 Mar 2025 11:27
Operator : SY/MD
Sample : VY0313SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

Quant Time: Mar 14 14:55:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

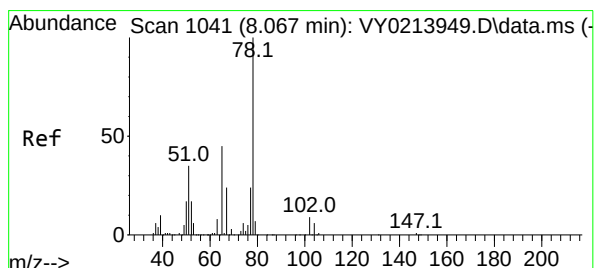
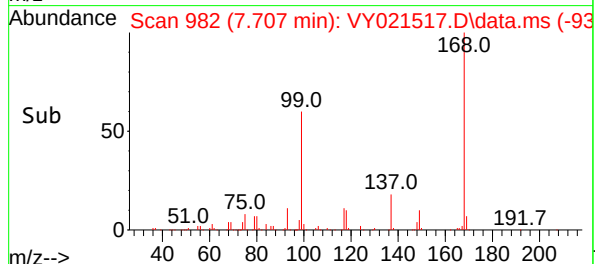
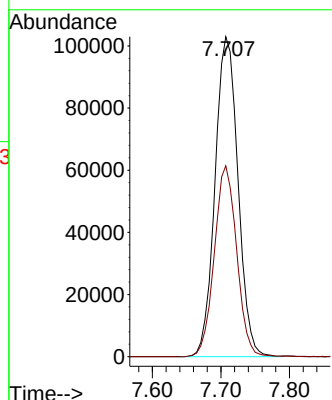
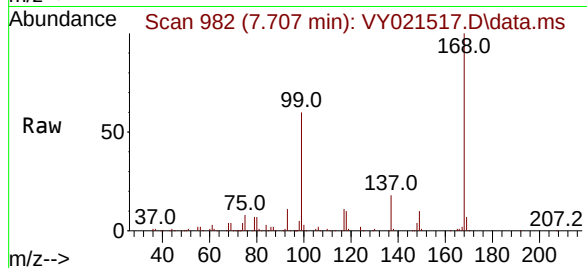




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 983
Delta R.T. -0.006 min
Lab File: VY021517.D
Acq: 13 Mar 2025 11:27

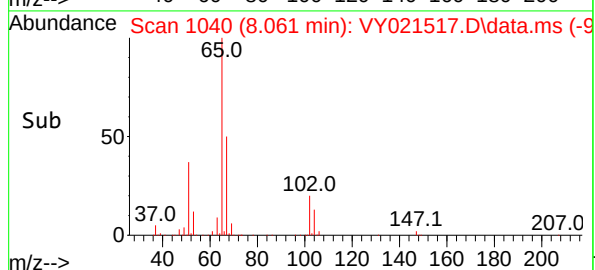
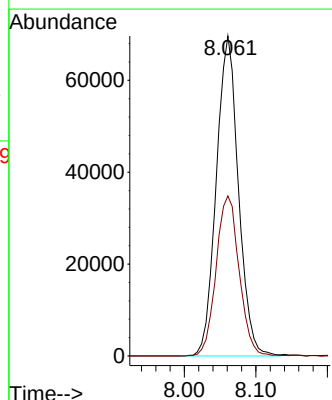
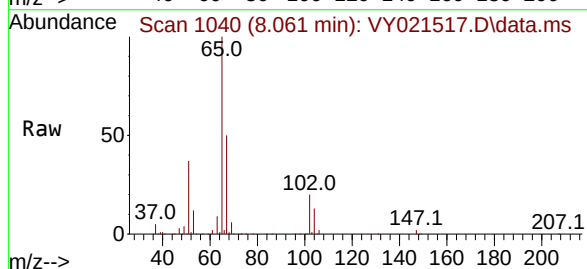
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

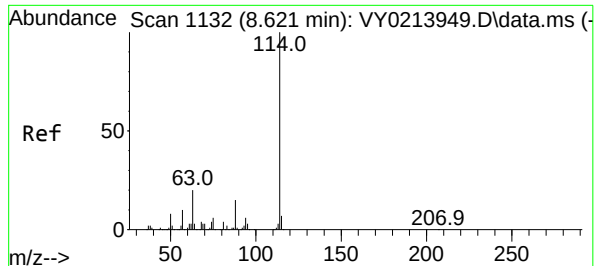
Tgt Ion:168 Resp: 239160
Ion Ratio Lower Upper
168 100
99 59.6 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 59.243 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021517.D
Acq: 13 Mar 2025 11:27

Tgt Ion: 65 Resp: 149753
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021517.D

Acq: 13 Mar 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBL01

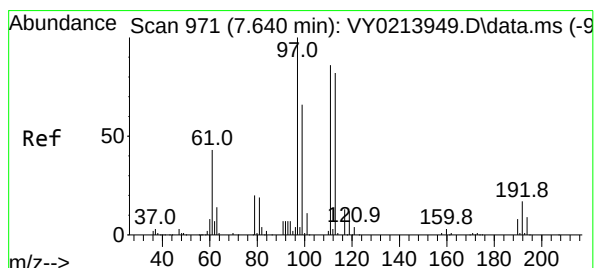
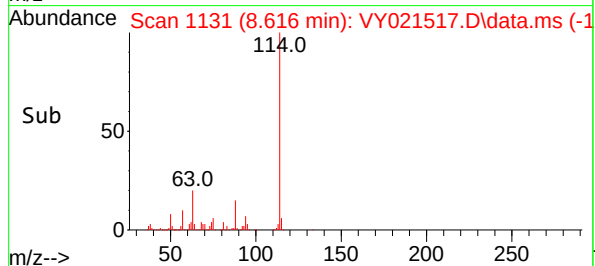
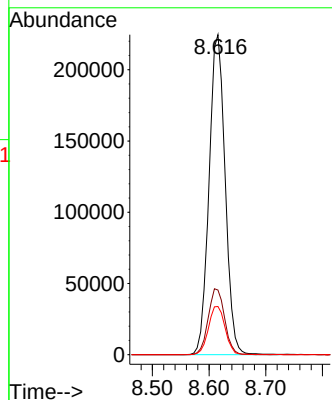
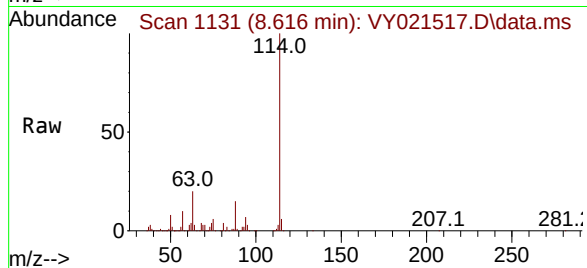
Tgt Ion:114 Resp: 443031

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 15.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 51.621 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021517.D

Acq: 13 Mar 2025 11:27

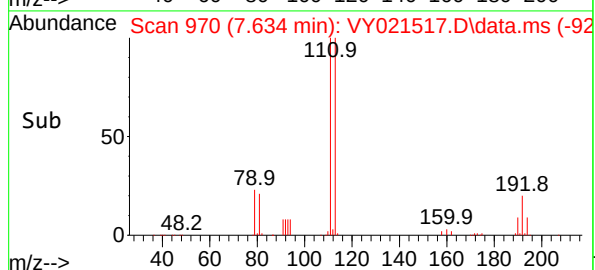
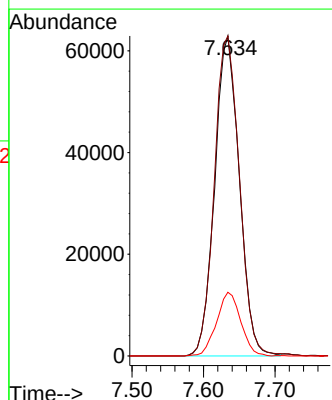
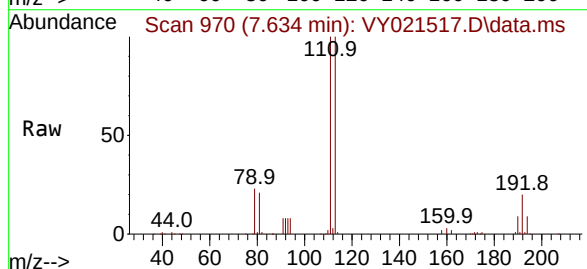
Tgt Ion:113 Resp: 150325

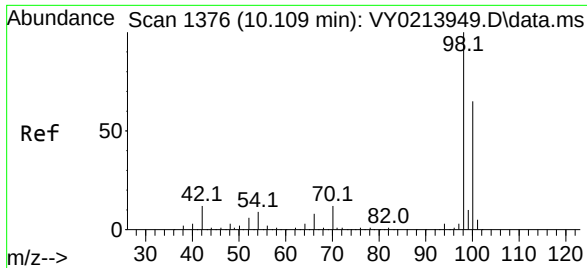
Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

192 19.5 15.9 23.9





#50

Toluene-d8

Concen: 49.024 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021517.D

Acq: 13 Mar 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

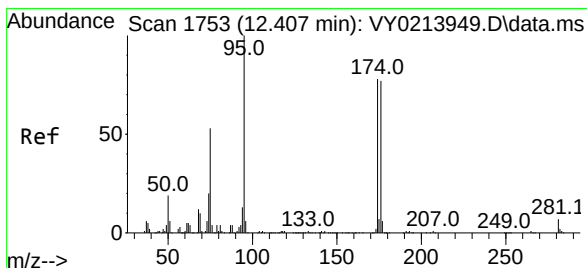
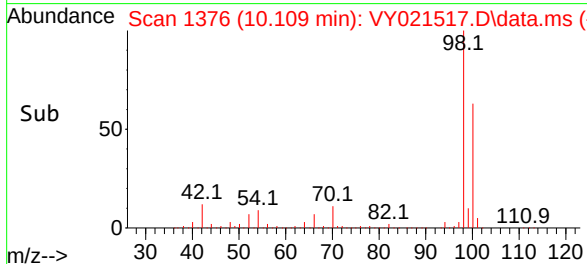
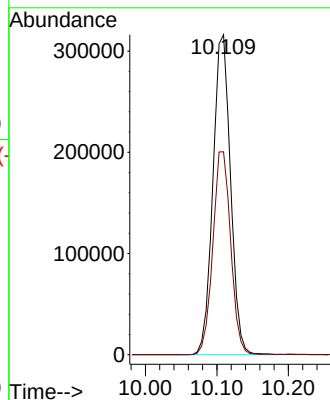
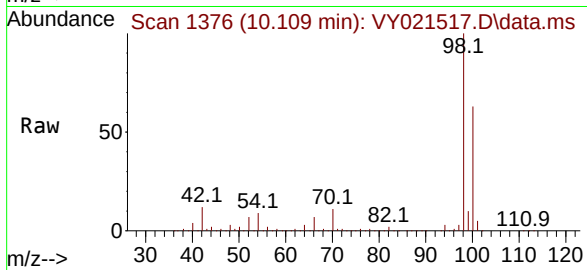
VY0313SBL01

Tgt Ion: 98 Resp: 540551

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 43.846 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021517.D

Acq: 13 Mar 2025 11:27

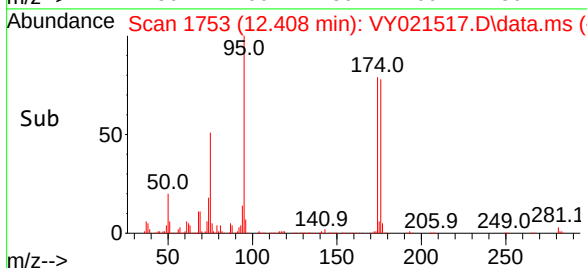
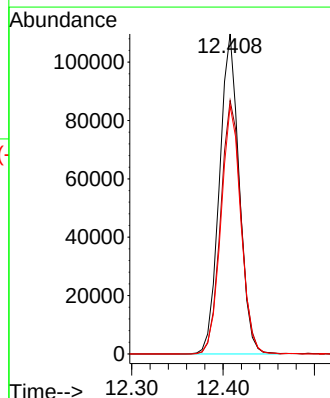
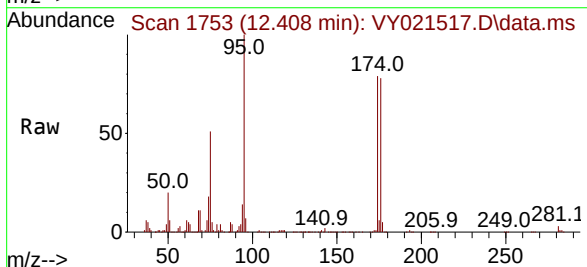
Tgt Ion: 95 Resp: 164450

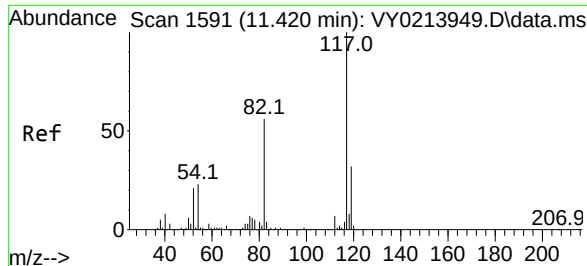
Ion Ratio Lower Upper

95 100

174 82.1 0.0 165.0

176 78.4 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021517.D

Acq: 13 Mar 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBL01

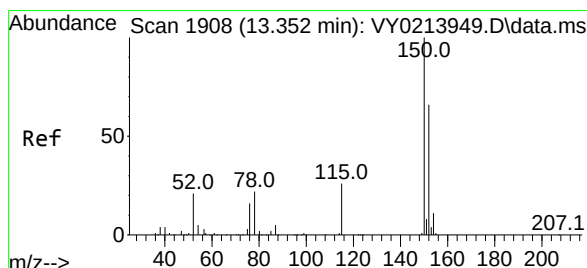
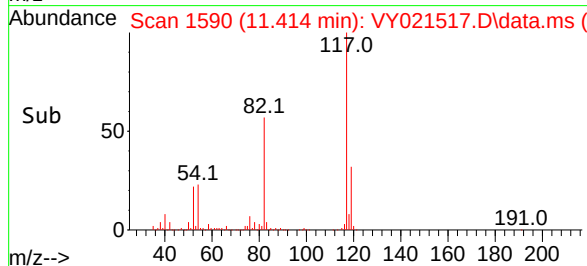
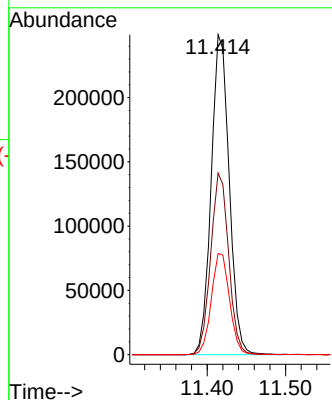
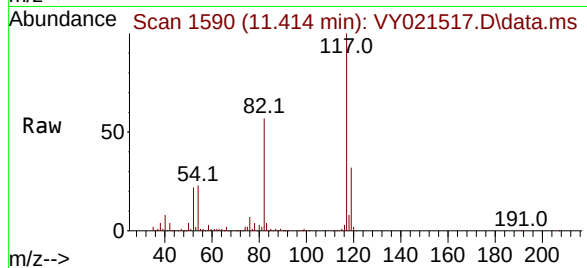
Tgt Ion:117 Resp: 398087

Ion Ratio Lower Upper

117 100

82 56.8 44.6 67.0

119 31.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021517.D

Acq: 13 Mar 2025 11:27

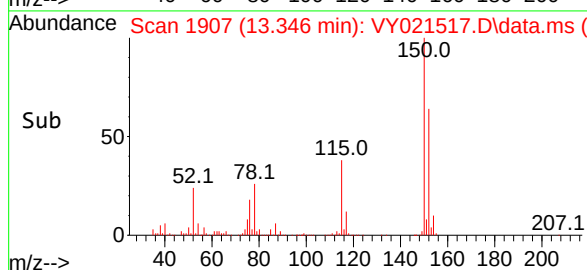
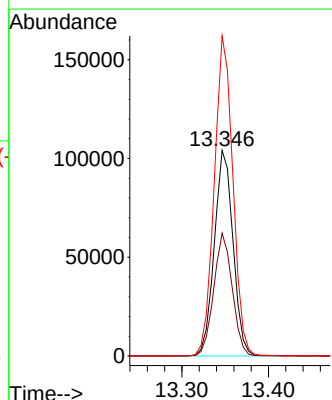
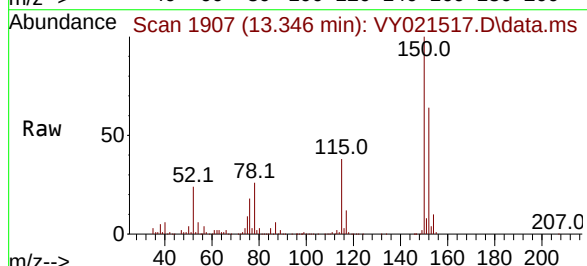
Tgt Ion:152 Resp: 156172

Ion Ratio Lower Upper

152 100

115 59.1 29.0 87.0

150 155.0 0.0 347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021517.D
Acq On : 13 Mar 2025 11:27
Operator : SY/MD
Sample : VY0313SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M

Title : SW846 8260

Signal : TIC: VY021517.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	465	475	488	rBV4	5870	19836	1.36%	0.267%
2	6.902	840	850	859	rBV2	6905	25835	1.77%	0.348%
3	7.634	960	970	976	rBV	212477	514583	35.22%	6.934%
4	7.707	976	982	994	rVB	320074	727402	49.79%	9.802%
5	8.061	1029	1040	1052	rBV	193548	441172	30.20%	5.945%
6	8.616	1121	1131	1143	rBV	531419	1063616	72.80%	14.333%
7	10.109	1368	1376	1390	rBV	837455	1460960	100.00%	19.687%
8	10.505	1435	1441	1450	rBV	22293	41901	2.87%	0.565%
9	11.414	1582	1590	1604	rBV	789857	1268433	86.82%	17.093%
10	12.408	1746	1753	1762	rBV	567457	889768	60.90%	11.990%
11	13.346	1901	1907	1915	rVB	650887	967397	66.22%	13.036%

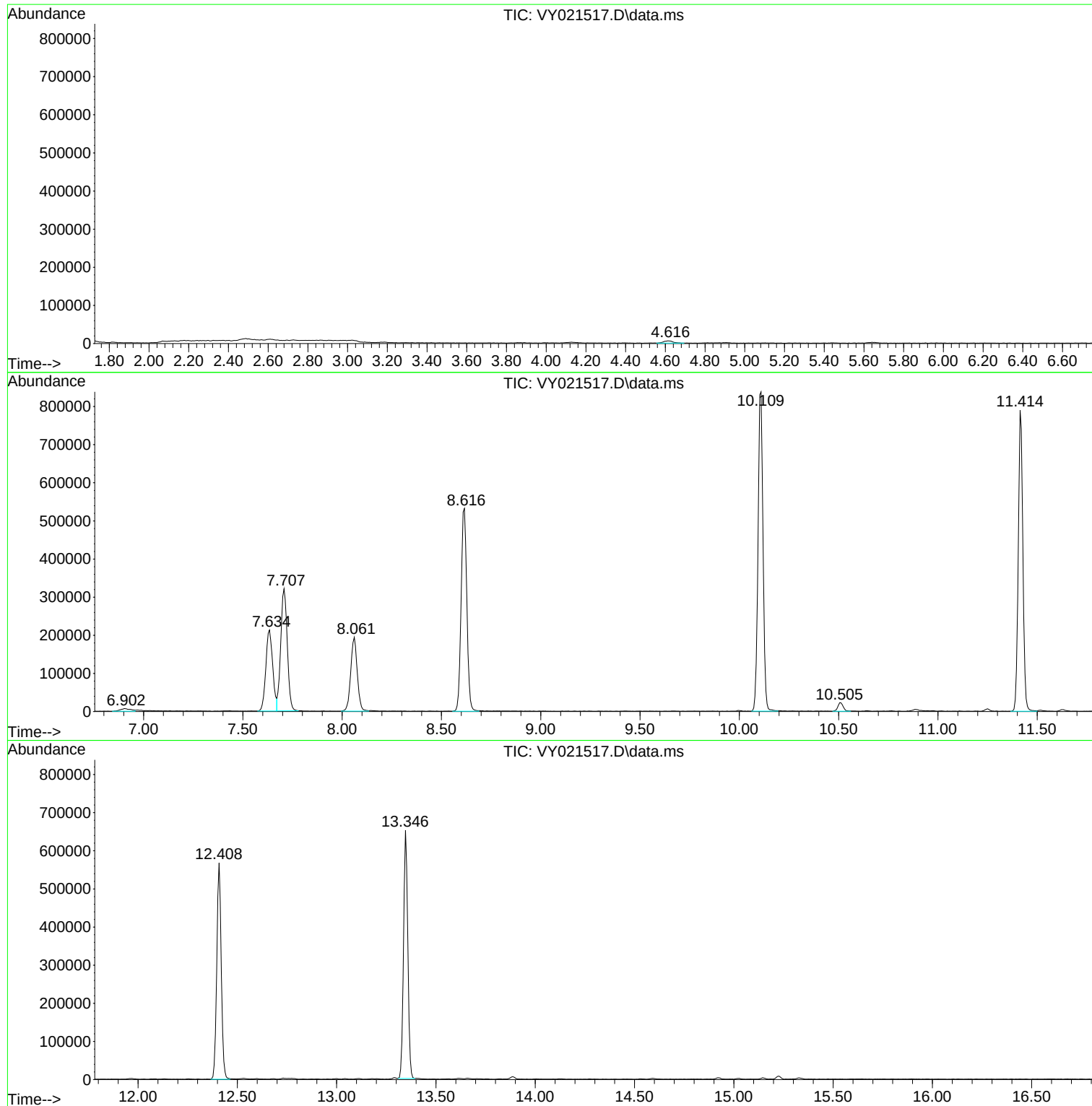
Sum of corrected areas: 7420903

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021517.D
Acq On : 13 Mar 2025 11:27
Operator : SY/MD
Sample : VY0313SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021517.D
Acq On : 13 Mar 2025 11:27
Operator : SY/MD
Sample : VY0313SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021517.D
Acq On : 13 Mar 2025 11:27
Operator : SY/MD
Sample : VY0313SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	248 Union St., Lodi	Date Received:	
Client Sample ID:	VY0313SBS01	SDG No.:	Q1542
Lab Sample ID:	VY0313SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% 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
VY021518.D	1		03/13/25 12:13	Vy031325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	16.5		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.2		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	19.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	19.7		1.10	5.00	ug/Kg
75-00-3	Chloroethane	21.4		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	20.4		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	18.1		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	18.0		1.00	5.00	ug/Kg
67-64-1	Acetone	140		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	17.1		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	17.2		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	18.3		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	19.1		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	18.1		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	19.2		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	16.8		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	18.1		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	18.7		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	19.5		1.20	5.00	ug/Kg
67-66-3	Chloroform	19.2		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.1		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	16.4		0.91	5.00	ug/Kg
71-43-2	Benzene	18.4		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	18.1		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	18.7		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	18.6		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	18.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	85.1		3.60	25.0	ug/Kg
108-88-3	Toluene	18.4		0.78	5.00	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	248 Union St., Lodi		Date Received:	
Client Sample ID:	VY0313SBS01		SDG No.:	Q1542
Lab Sample ID:	VY0313SBS01		Matrix:	SOIL
Analytical Method:	SW8260		% 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
VY021518.D	1		03/13/25 12:13	Vy031325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	17.7		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	17.6		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	17.9		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	99.5		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	17.9		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	17.8		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.8		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	17.9		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	17.5		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	36.1		1.20	10.0	ug/Kg
95-47-6	o-Xylene	17.7		0.82	5.00	ug/Kg
100-42-5	Styrene	17.9		0.71	5.00	ug/Kg
75-25-2	Bromoform	17.5		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	17.0		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	16.2		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	17.4		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	17.7		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	17.5		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	17.8		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	16.4		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	16.7		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.2		70 (63) - 130 (155)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	53.3		70 (70) - 130 (134)	107%	SPK: 50
2037-26-5	Toluene-d8	53.7		70 (74) - 130 (123)	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		70 (38) - 130 (136)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	202000	7.713			
540-36-3	1,4-Difluorobenzene	319000	8.615			
3114-55-4	Chlorobenzene-d5	282000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	146000	13.352			

Report of Analysis

Client:	Sciacca General Contractors, LLC			Date Collected:	
Project:	248 Union St., Lodi			Date Received:	
Client Sample ID:	VY0313SBS01			SDG No.:	Q1542
Lab Sample ID:	VY0313SBS01			Matrix:	SOIL
Analytical Method:	SW8260			% 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
VY021518.D	1		03/13/25 12:13	Vy031325

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\VY031325\
 Data File : VY021518.D
 Acq On : 13 Mar 2025 12:13
 Operator : SY/MD
 Sample : VY0313SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

Quant Time: Mar 14 14:55:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	202139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	319039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	282466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	145688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	115804	54.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.400%	
35) Dibromofluoromethane	7.634	113	111810	53.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.640%	
50) Toluene-d8	10.109	98	426188	53.674	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.340%	
62) 4-Bromofluorobenzene	12.407	95	141826	52.510	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.020%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	30642	16.519	ug/l	96
3) Chloromethane	2.074	50	50331	19.245	ug/l	100
4) Vinyl Chloride	2.202	62	54328	19.010	ug/l	98
5) Bromomethane	2.592	94	40659	19.684	ug/l	98
6) Chloroethane	2.738	64	40487	21.437	ug/l	94
7) Trichlorofluoromethane	3.055	101	81516	20.435	ug/l	95
8) Diethyl Ether	3.458	74	19338	17.493	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.823	101	41311	18.139	ug/l	99
10) Methyl Iodide	4.000	142	40669	17.567	ug/l	100
11) Tert butyl alcohol	4.866	59	12931	77.545	ug/l #	72
12) 1,1-Dichloroethene	3.787	96	37280	17.954	ug/l	94
13) Acrolein	3.653	56	12352	113.665	ug/l	90
14) Allyl chloride	4.384	41	61821	18.423	ug/l	99
15) Acrylonitrile	5.055	53	42020	89.292	ug/l	99
16) Acetone	3.872	43	63779	136.869	ug/l	94
17) Carbon Disulfide	4.104	76	111441	17.125	ug/l	100
18) Methyl Acetate	4.384	43	18876	18.256	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	90476	17.192	ug/l	99
20) Methylene Chloride	4.622	84	46836	19.148	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	42111	18.109	ug/l	93
22) Diisopropyl ether	6.024	45	134647	18.619	ug/l	97
23) Vinyl Acetate	5.963	43	361517	87.596	ug/l	99
24) 1,1-Dichloroethane	5.915	63	81762	19.157	ug/l	99
25) 2-Butanone	6.896	43	68766	106.680	ug/l	96
26) 2,2-Dichloropropane	6.890	77	72057	18.349	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	49527	18.748	ug/l	99
28) Bromochloromethane	7.244	49	34879	19.493	ug/l	100
29) Tetrahydrofuran	7.262	42	33533	84.266	ug/l	98
30) Chloroform	7.420	83	84890	19.154	ug/l	99
31) Cyclohexane	7.701	56	67119	16.774	ug/l #	92
32) 1,1,1-Trichloroethane	7.615	97	77360	19.063	ug/l	98
36) 1,1-Dichloropropene	7.841	75	57377	17.479	ug/l	99
37) Ethyl Acetate	6.987	43	24892	17.157	ug/l	96
38) Carbon Tetrachloride	7.823	117	68503	18.145	ug/l	99
39) Methylcyclohexane	9.109	83	66001	16.392	ug/l	99
40) Benzene	8.079	78	178382	18.447	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021518.D
 Acq On : 13 Mar 2025 12:13
 Operator : SY/MD
 Sample : VY0313SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

Quant Time: Mar 14 14:55:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	13208	16.719	ug/l #	94
42) 1,2-Dichloroethane	8.158	62	48840	18.054	ug/l	99
43) Isopropyl Acetate	8.195	43	46562	16.532	ug/l #	86
44) Trichloroethene	8.865	130	45798	18.742	ug/l	93
45) 1,2-Dichloropropane	9.146	63	42849	18.618	ug/l	98
46) Dibromomethane	9.237	93	22993	17.956	ug/l	98
47) Bromodichloromethane	9.426	83	63876	18.783	ug/l	96
48) Methyl methacrylate	9.225	41	21238	16.421	ug/l	99
49) 1,4-Dioxane	9.231	88	4918	391.284	ug/l #	94
51) 4-Methyl-2-Pentanone	9.999	43	123632	85.074	ug/l	97
52) Toluene	10.170	92	112302	18.421	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	52912	17.660	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	62570	17.590	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	29943	17.876	ug/l	97
56) Ethyl methacrylate	10.438	69	35168	16.462	ug/l	99
57) 1,3-Dichloropropane	10.719	76	52085	17.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	87647	88.876	ug/l	98
59) 2-Hexanone	10.761	43	95612	99.502	ug/l	97
60) Dibromochloromethane	10.914	129	41159	17.923	ug/l	100
61) 1,2-Dibromoethane	11.017	107	28206	17.842	ug/l	97
64) Tetrachloroethene	10.651	164	47750	20.789	ug/l	98
65) Chlorobenzene	11.444	112	119107	17.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	43330	18.374	ug/l	99
67) Ethyl Benzene	11.523	91	204694	17.484	ug/l	100
68) m/p-Xylenes	11.633	106	160513	36.112	ug/l	99
69) o-Xylene	11.956	106	72309	17.651	ug/l	100
70) Styrene	11.974	104	121907	17.938	ug/l	100
71) Bromoform	12.133	173	23007	17.452	ug/l #	97
73) Isopropylbenzene	12.261	105	195319	17.019	ug/l	100
74) N-amyl acetate	12.072	43	38348	15.386	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	32786	16.189	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	27898m	19.003	ug/l	
77) Bromobenzene	12.535	156	45334	16.885	ug/l	98
78) n-propylbenzene	12.596	91	242434	17.394	ug/l	100
79) 2-Chlorotoluene	12.682	91	138155	17.336	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	162818	17.458	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	9663	14.963	ug/l	98
82) 4-Chlorotoluene	12.779	91	143919	17.439	ug/l	99
83) tert-Butylbenzene	12.999	119	145270	17.461	ug/l	98
84) 1,2,4-Trimethylbenzene	13.047	105	163133	17.617	ug/l	100
85) sec-Butylbenzene	13.182	105	213082	17.213	ug/l	100
86) p-Isopropyltoluene	13.297	119	176994	17.355	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	92773	17.359	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	92265	17.653	ug/l	98
89) n-Butylbenzene	13.620	91	163207	17.331	ug/l	99
90) Hexachloroethane	13.883	117	37636	17.299	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	80371	17.546	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5403	17.810	ug/l	88
93) 1,2,4-Trichlorobenzene	14.925	180	41142	16.444	ug/l	96
94) Hexachlorobutadiene	15.029	225	28082	17.906	ug/l	96
95) Naphthalene	15.151	128	59736	16.138	ug/l	97
96) 1,2,3-Trichlorobenzene	15.334	180	35113	16.687	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021518.D
Acq On : 13 Mar 2025 12:13
Operator : SY/MD
Sample : VY0313SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

Quant Time: Mar 14 14:55:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

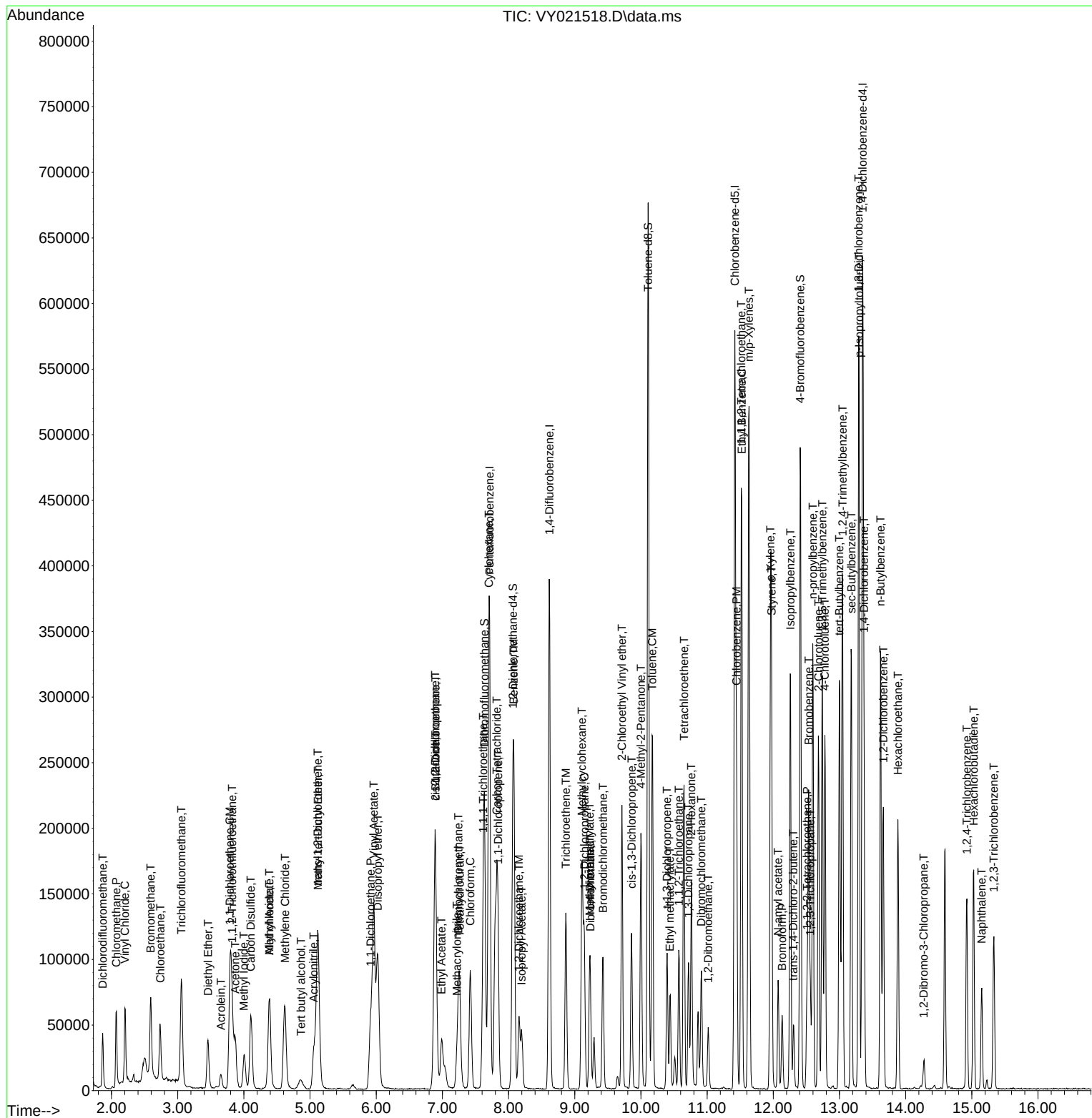
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

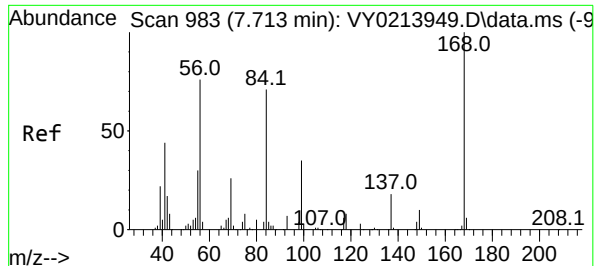
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021518.D
 Acq On : 13 Mar 2025 12:13
 Operator : SY/MD
 Sample : VY0313SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Time: Mar 14 14:55:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

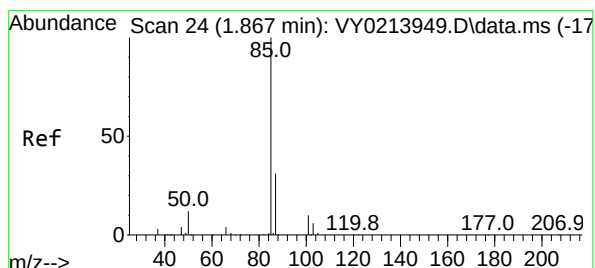
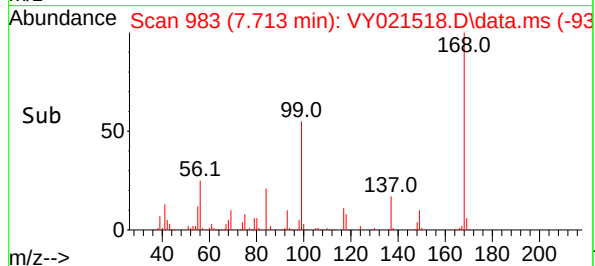
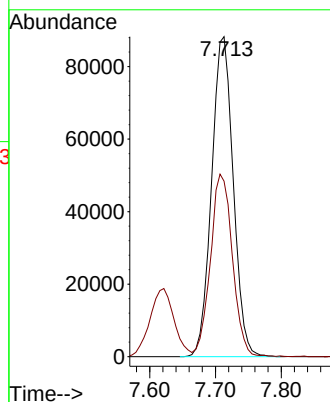
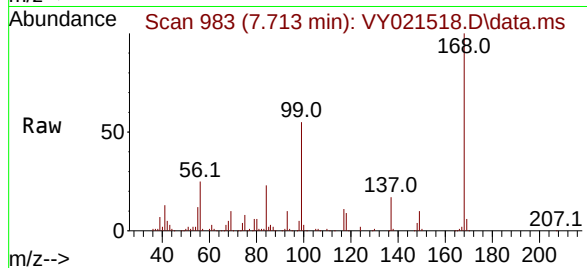




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

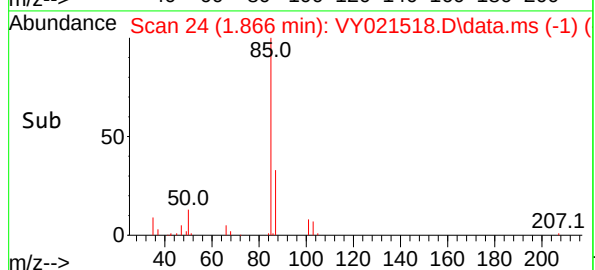
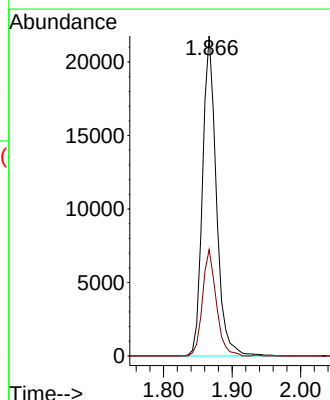
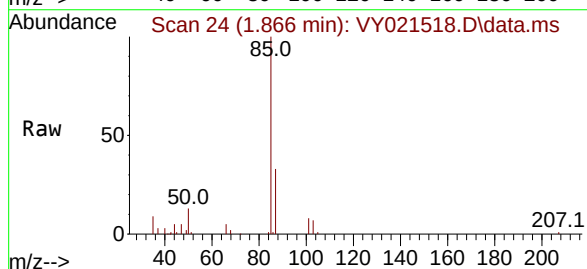
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

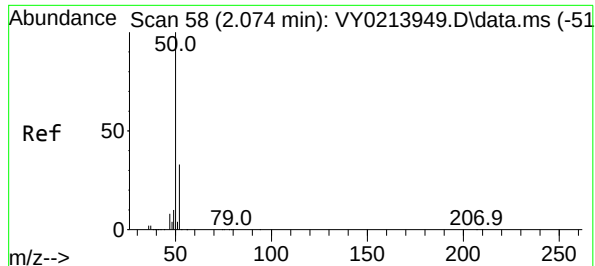
Tgt Ion:168 Resp: 202139
Ion Ratio Lower Upper
168 100
99 54.6 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 16.519 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 85 Resp: 30642
Ion Ratio Lower Upper
85 100
87 33.3 15.7 47.0





#3

Chloromethane

Concen: 19.245 ug/l

RT: 2.074 min Scan# 50

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

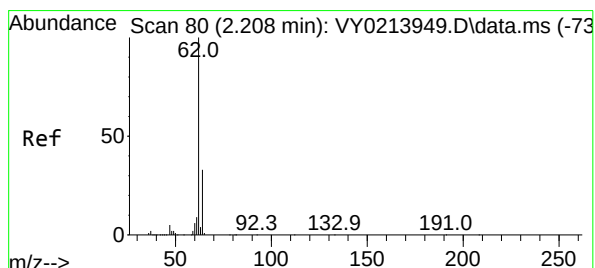
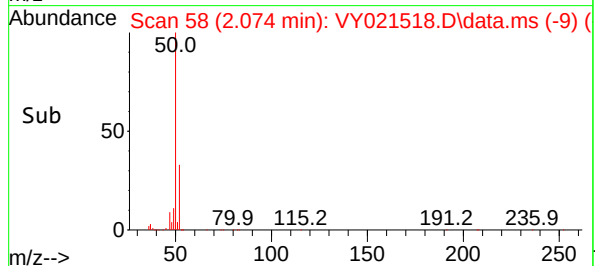
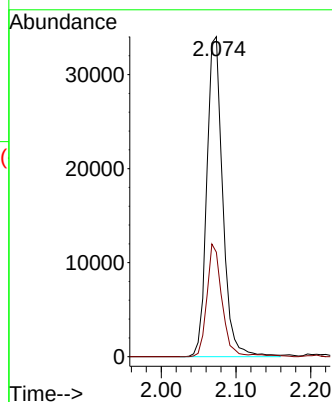
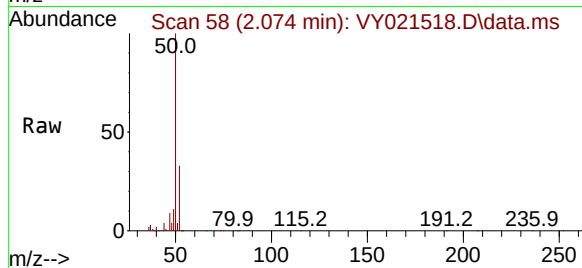
VY0313SBS01

Tgt Ion: 50 Resp: 50331

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 19.010 ug/l

RT: 2.202 min Scan# 79

Delta R.T. -0.006 min

Lab File: VY021518.D

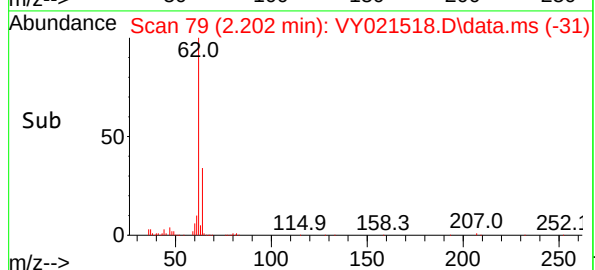
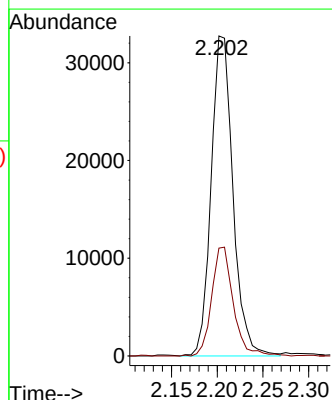
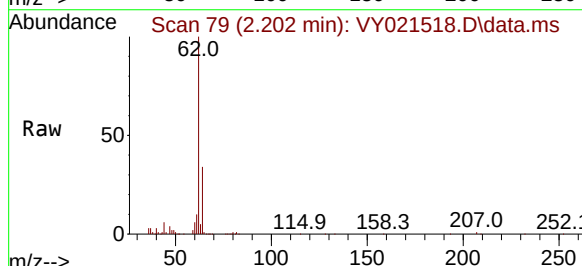
Acq: 13 Mar 2025 12:13

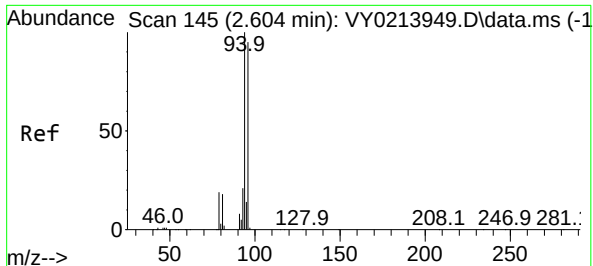
Tgt Ion: 62 Resp: 54328

Ion Ratio Lower Upper

62 100

64 33.7 26.2 39.2

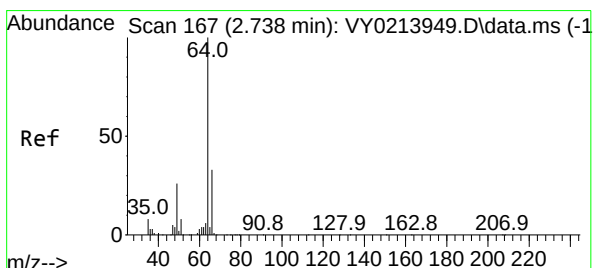
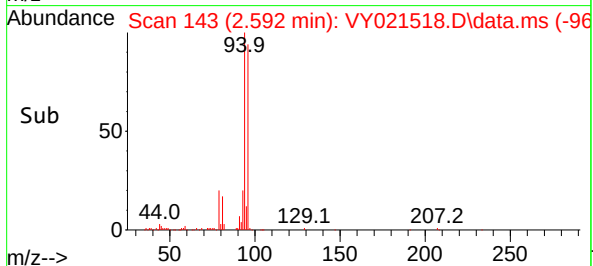
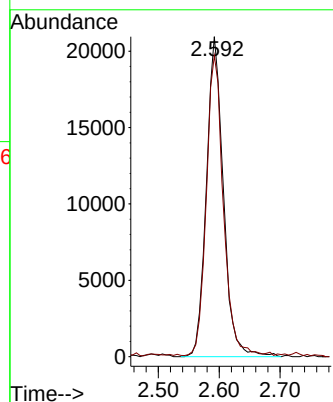
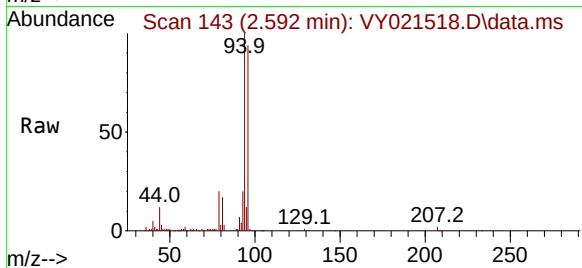




#5
Bromomethane
Concen: 19.684 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

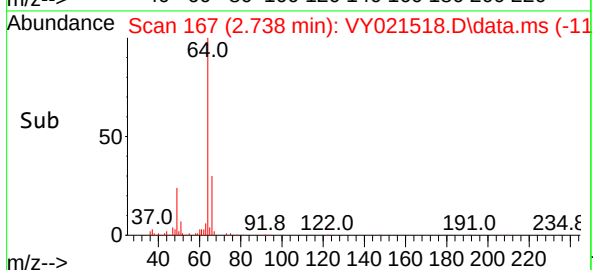
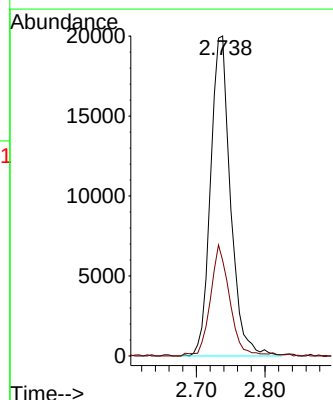
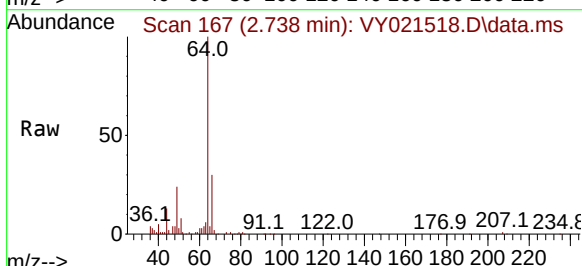
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

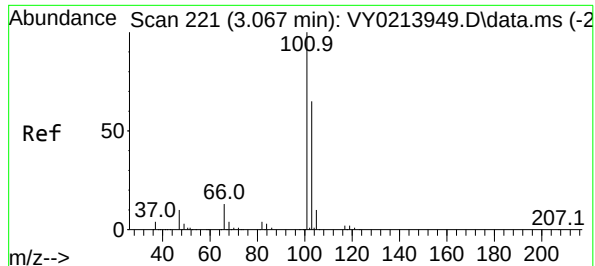
Tgt Ion: 94 Resp: 40659
Ion Ratio Lower Upper
94 100
96 93.7 76.3 114.5



#6
Chloroethane
Concen: 21.437 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 64 Resp: 40487
Ion Ratio Lower Upper
64 100
66 29.8 26.7 40.1

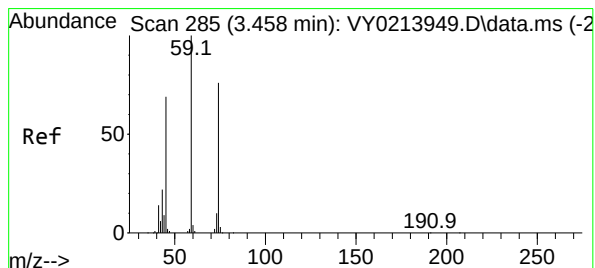
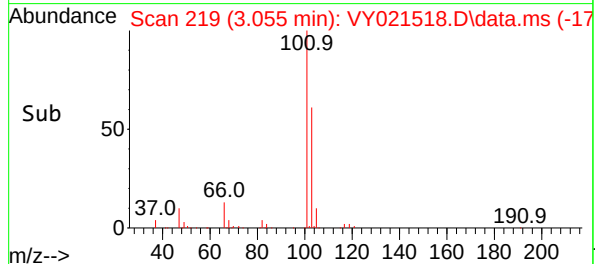
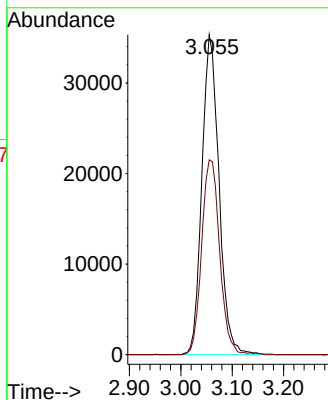
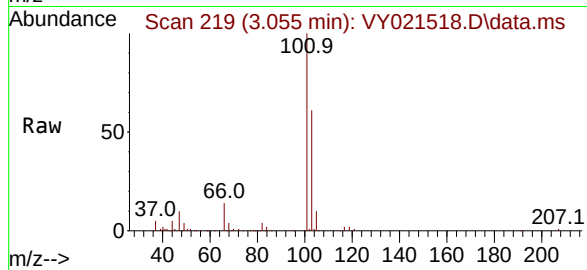




#7
Trichlorofluoromethane
Concen: 20.435 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

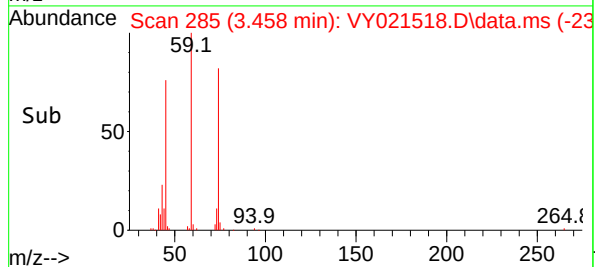
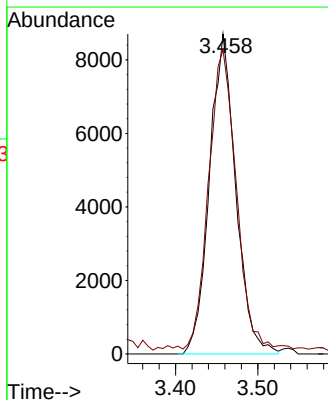
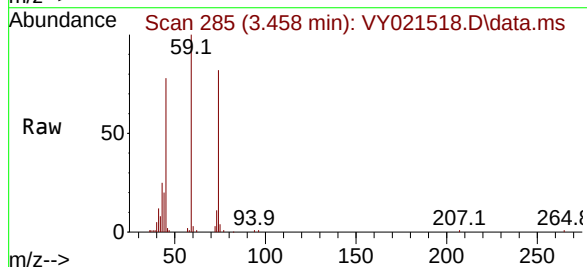
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

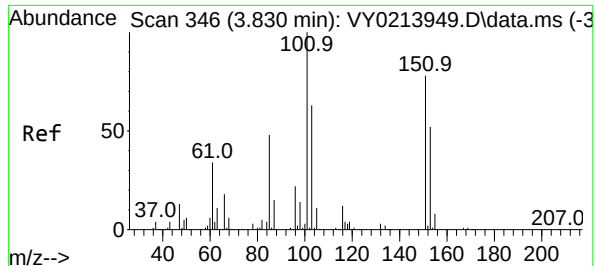
Tgt Ion:101 Resp: 81516
Ion Ratio Lower Upper
101 100
103 60.9 51.7 77.5



#8
Diethyl Ether
Concen: 17.493 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 74 Resp: 19338
Ion Ratio Lower Upper
74 100
45 98.1 49.7 149.1

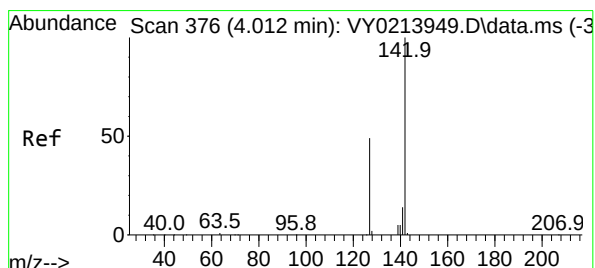
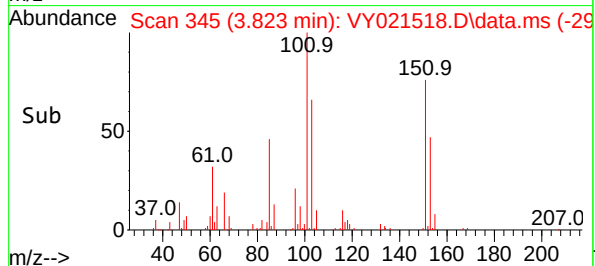
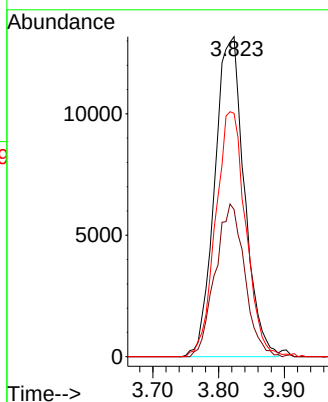
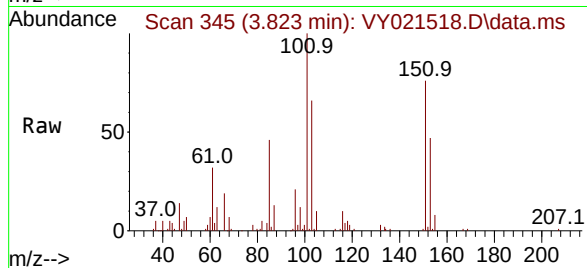




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.139 ug/l
RT: 3.823 min Scan# 34
Delta R.T. -0.007 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

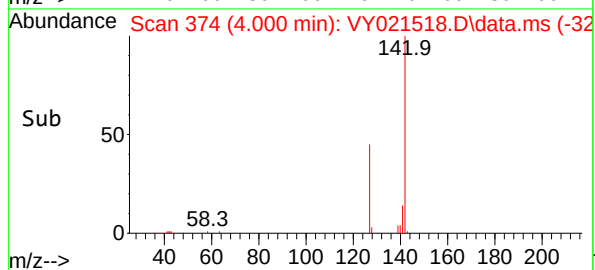
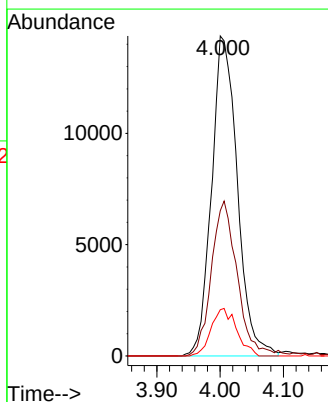
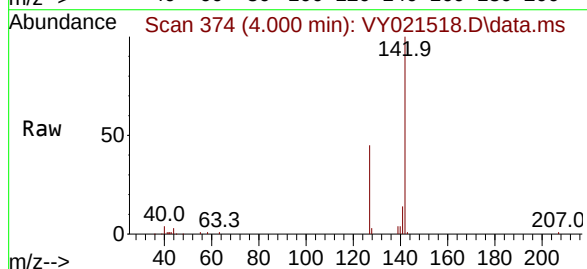
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

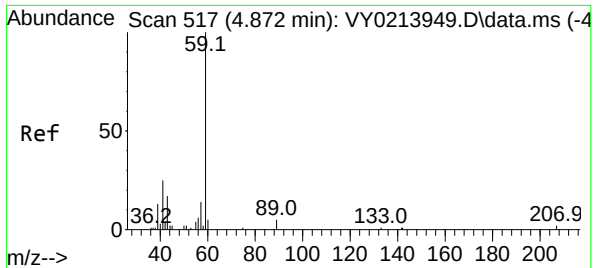
Tgt Ion:101 Resp: 41311
Ion Ratio Lower Upper
101 100
85 47.3 37.1 55.7
151 78.0 62.1 93.1



#10
Methyl Iodide
Concen: 17.567 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion:142 Resp: 40669
Ion Ratio Lower Upper
142 100
127 48.6 39.1 58.7
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 77.545 ug/l

RT: 4.866 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

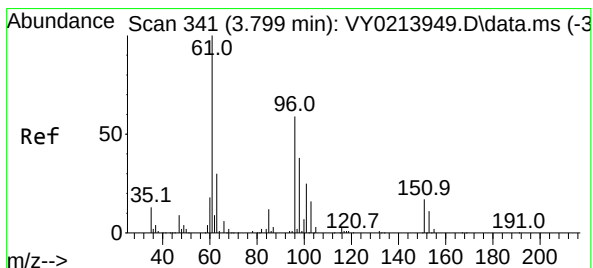
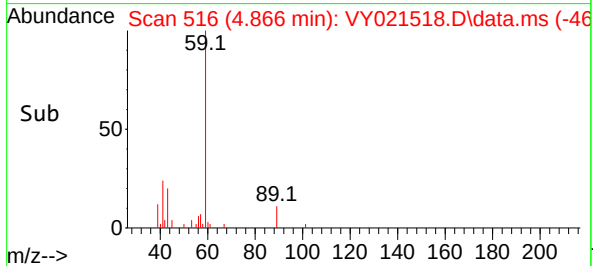
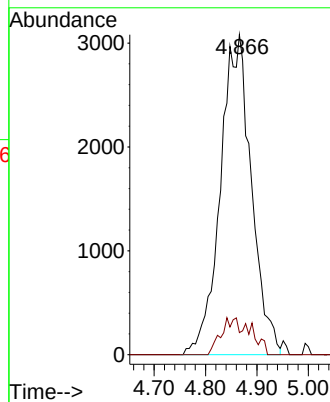
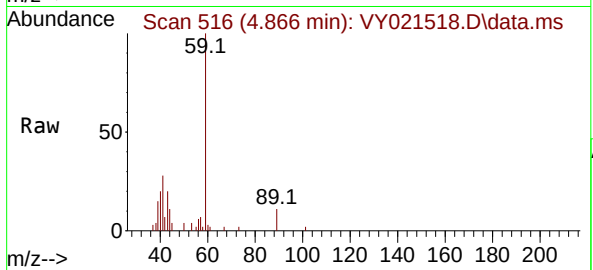
VY0313SBS01

Tgt Ion: 59 Resp: 12931

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 17.954 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

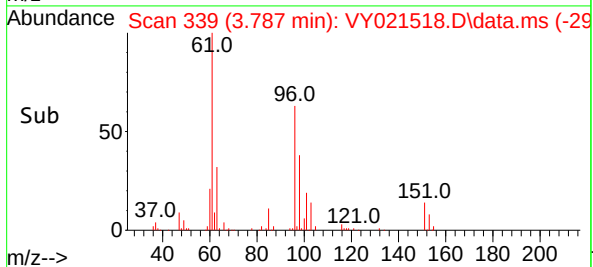
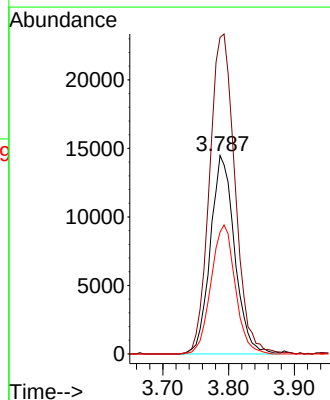
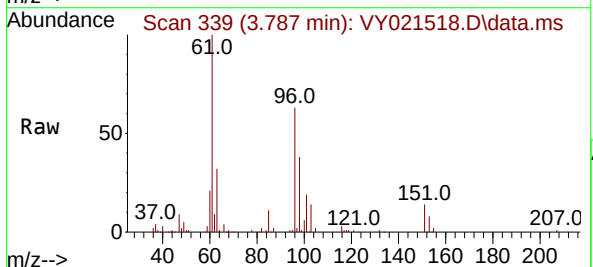
Tgt Ion: 96 Resp: 37280

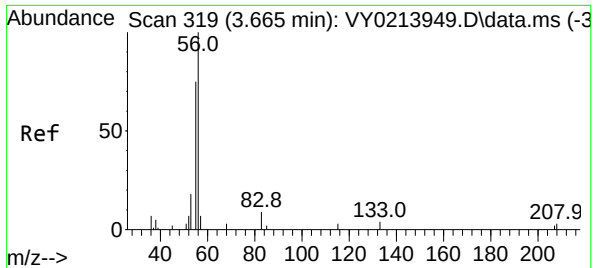
Ion Ratio Lower Upper

96 100

61 159.5 135.2 202.8

98 61.4 51.4 77.2

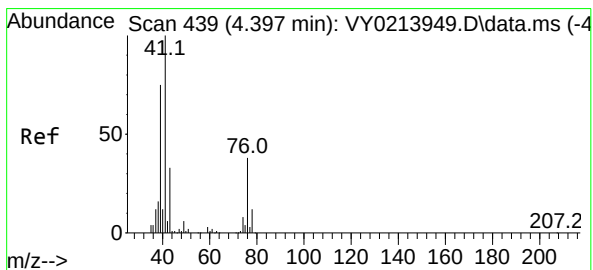
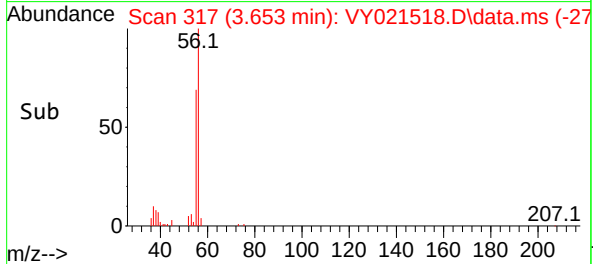
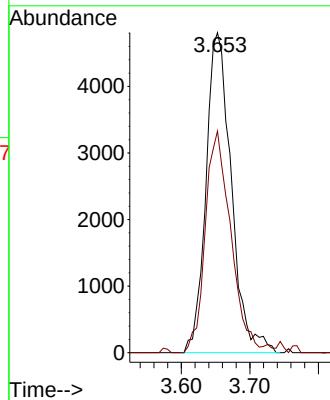
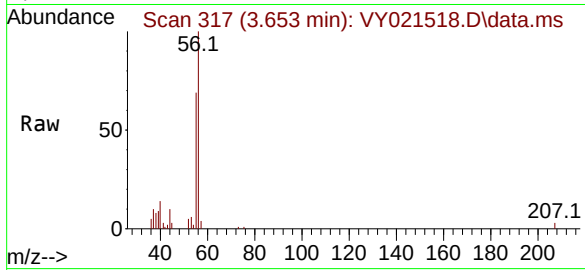




#13
Acrolein
Concen: 113.665 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

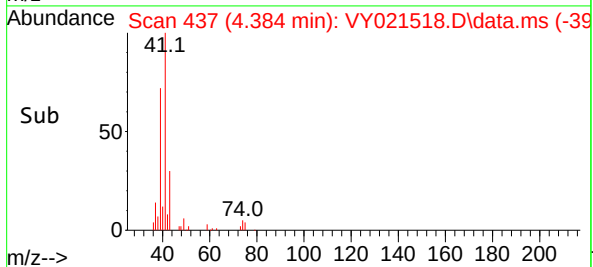
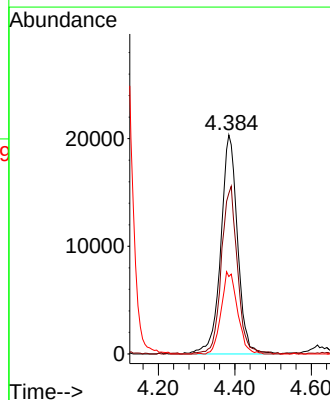
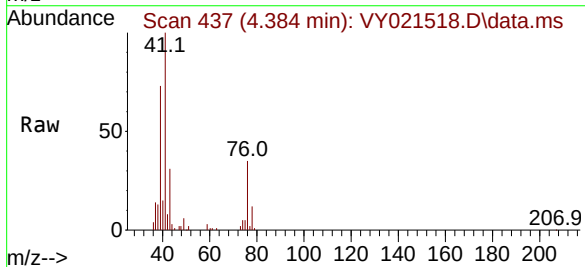
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

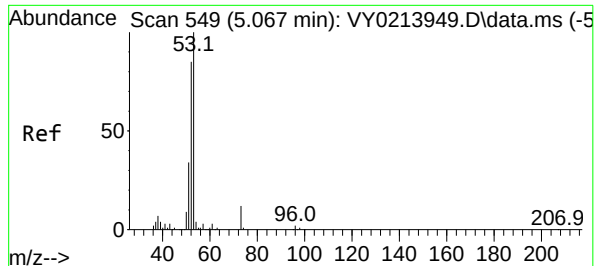
Tgt Ion: 56 Resp: 12352
Ion Ratio Lower Upper
56 100
55 70.5 63.4 95.2



#14
Allyl chloride
Concen: 18.423 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 41 Resp: 61821
Ion Ratio Lower Upper
41 100
39 73.5 59.3 88.9
76 36.6 29.8 44.8





#15

Acrylonitrile

Concen: 89.292 ug/l

RT: 5.055 min Scan# 549

Delta R.T. -0.012 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

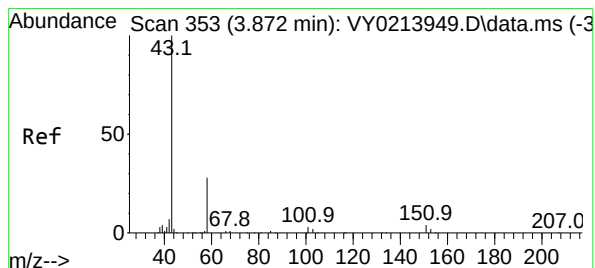
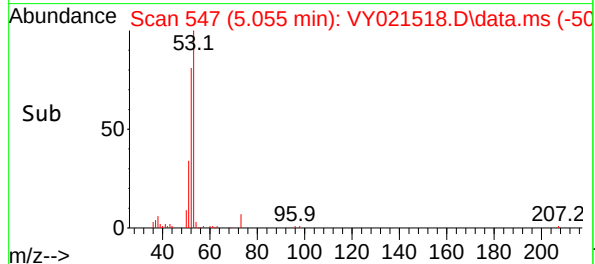
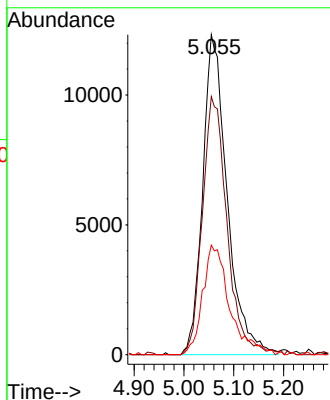
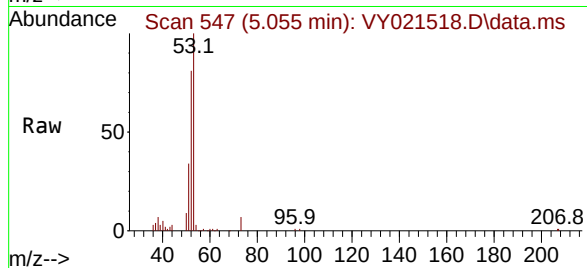
Tgt Ion: 53 Resp: 42020

Ion Ratio Lower Upper

53 100

52 81.1 66.3 99.5

51 37.7 30.3 45.5



#16

Acetone

Concen: 136.869 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY021518.D

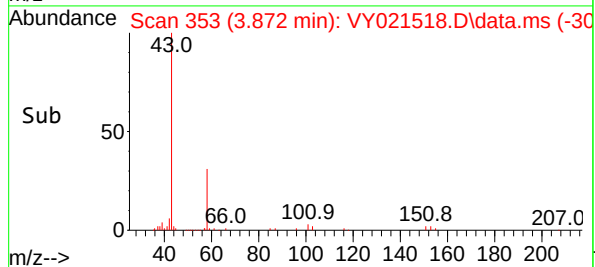
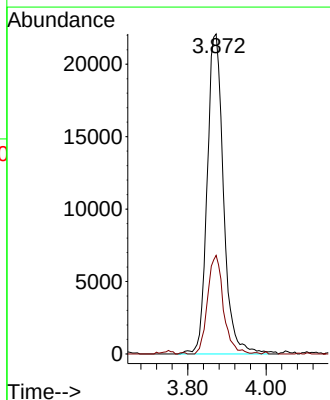
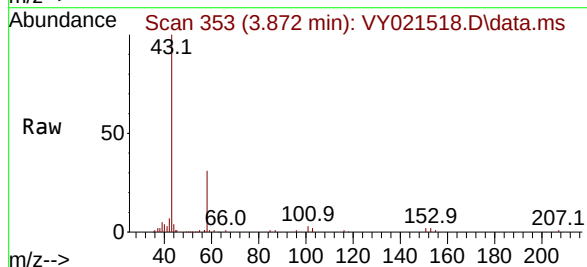
Acq: 13 Mar 2025 12:13

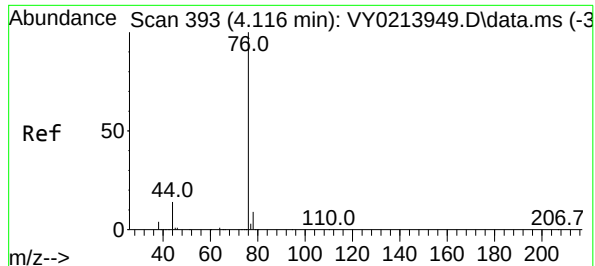
Tgt Ion: 43 Resp: 63779

Ion Ratio Lower Upper

43 100

58 30.8 22.1 33.1





#17

Carbon Disulfide

Concen: 17.125 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.012 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

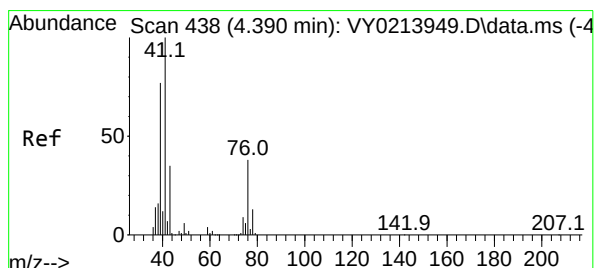
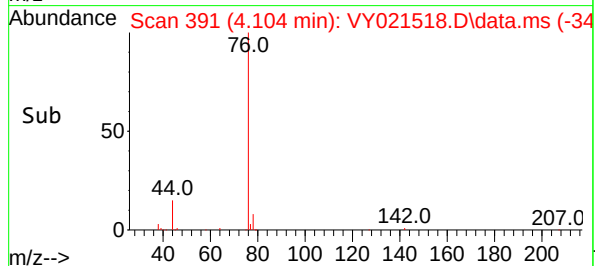
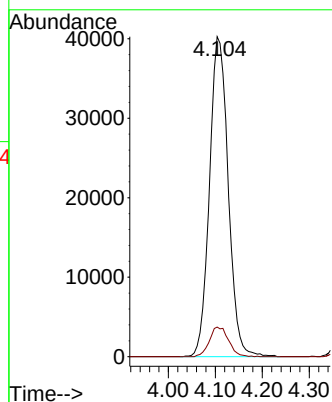
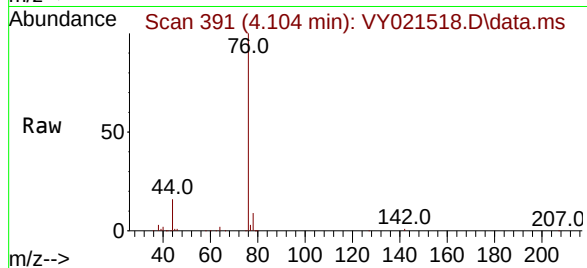
VY0313SBS01

Tgt Ion: 76 Resp: 111441

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 18.256 ug/l

RT: 4.384 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY021518.D

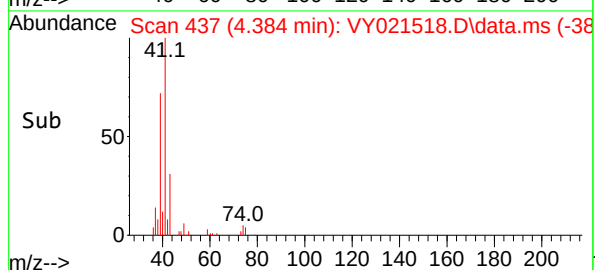
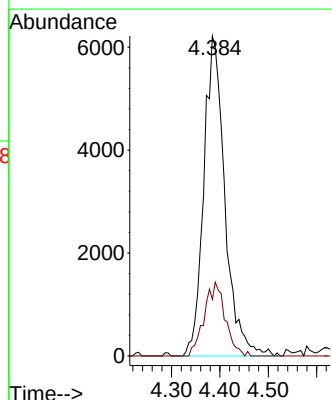
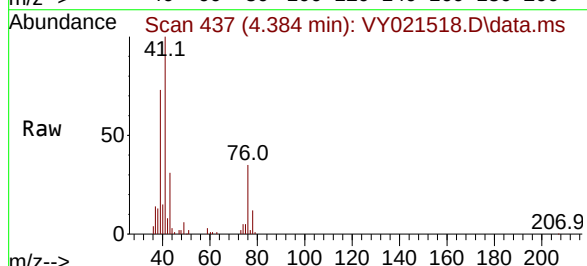
Acq: 13 Mar 2025 12:13

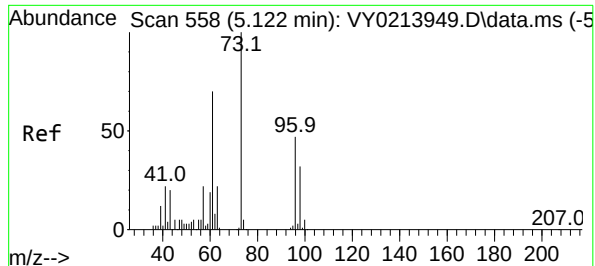
Tgt Ion: 43 Resp: 18876

Ion Ratio Lower Upper

43 100

74 22.7 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 17.192 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

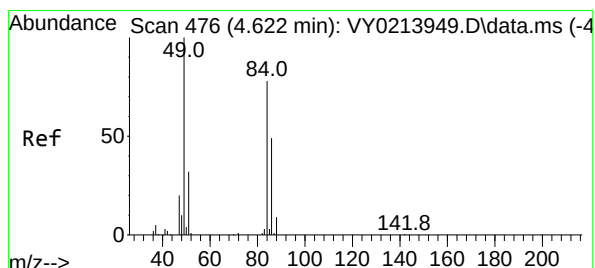
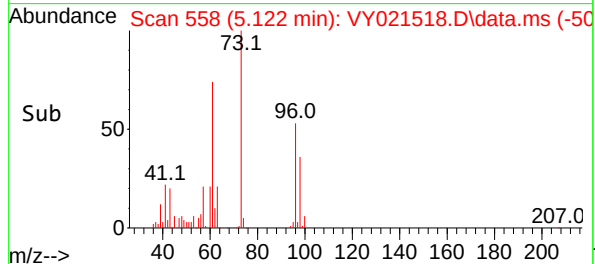
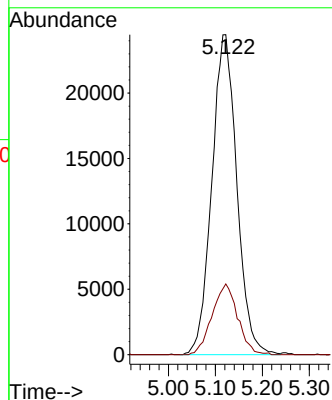
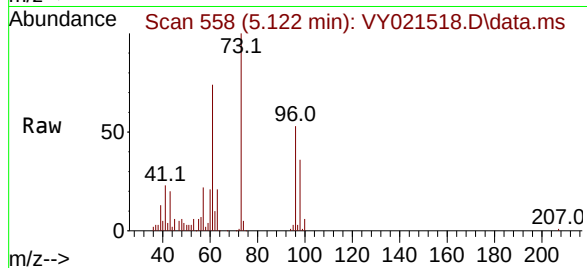
VY0313SBS01

Tgt Ion: 73 Resp: 90476

Ion Ratio Lower Upper

73 100

57 22.1 17.9 26.9



#20

Methylene Chloride

Concen: 19.148 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Tgt Ion: 84 Resp: 46836

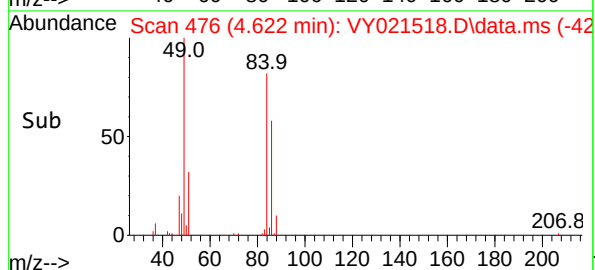
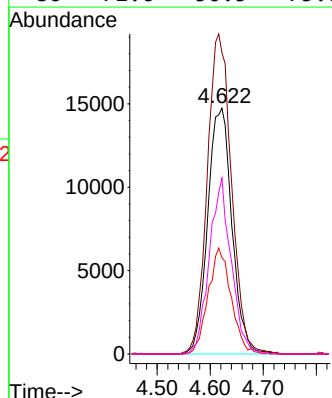
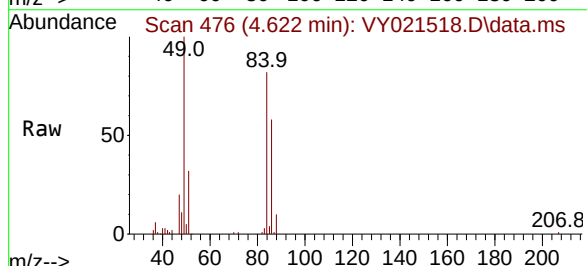
Ion Ratio Lower Upper

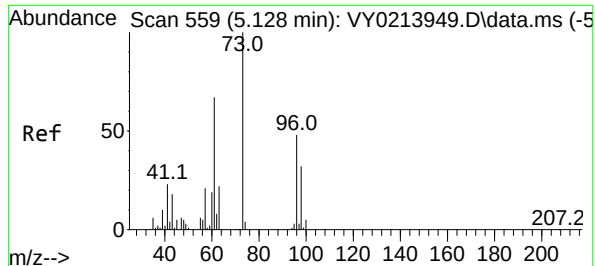
84 100

49 122.5 102.0 153.0

51 39.1 33.0 49.6

86 71.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.109 ug/l

RT: 5.116 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

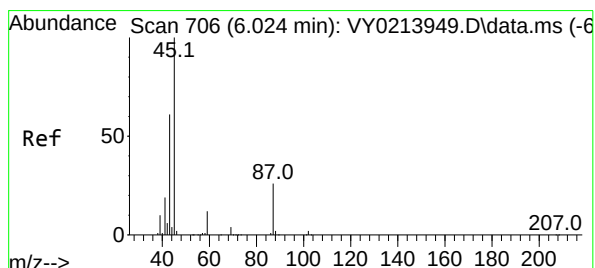
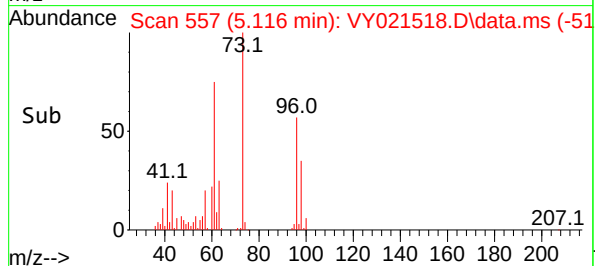
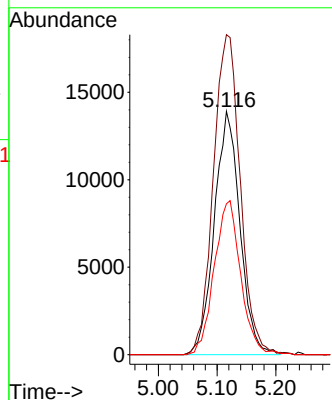
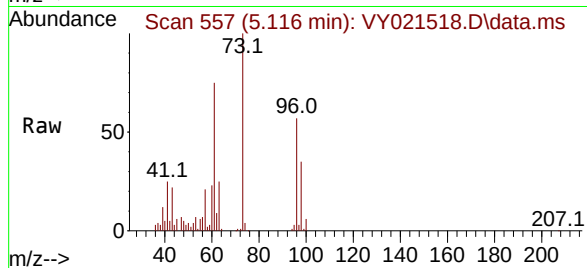
Tgt Ion: 96 Resp: 42111

Ion Ratio Lower Upper

96 100

61 131.5 111.5 167.3

98 62.0 53.8 80.8



#22

Diisopropyl ether

Concen: 18.619 ug/l

RT: 6.024 min Scan# 706

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Tgt Ion: 45 Resp: 134647

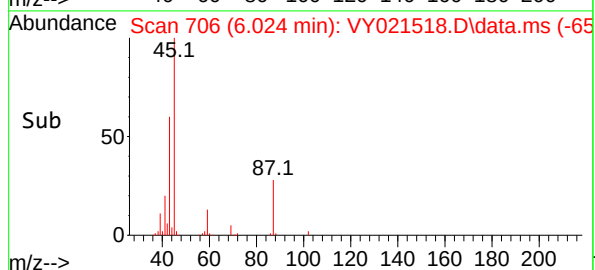
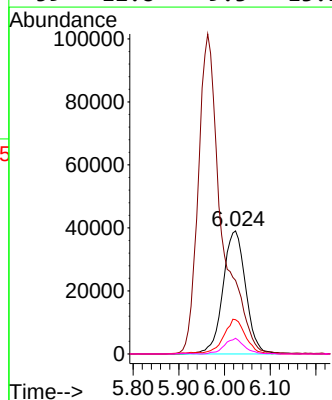
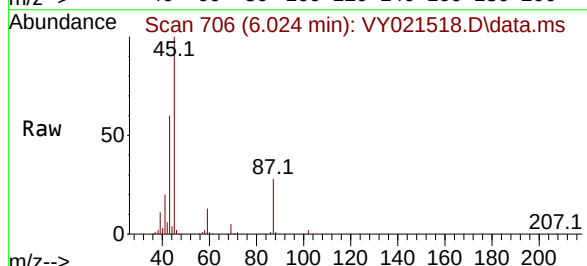
Ion Ratio Lower Upper

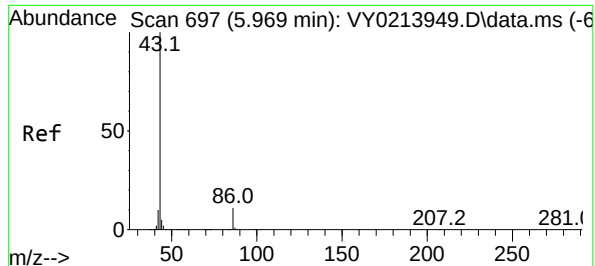
45 100

43 58.8 48.7 73.1

87 27.8 21.5 32.3

59 12.8 9.3 13.9





#23

Vinyl Acetate

Concen: 87.596 ug/l

RT: 5.963 min Scan# 697

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

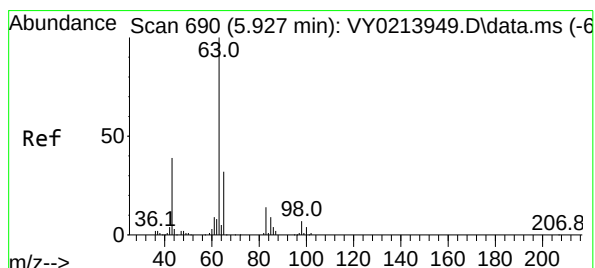
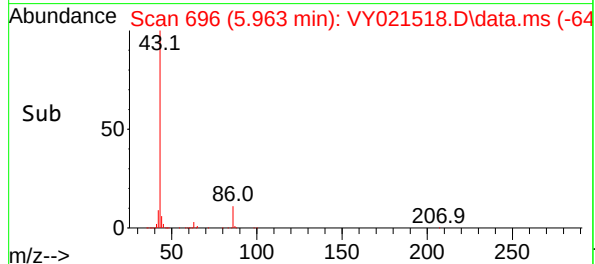
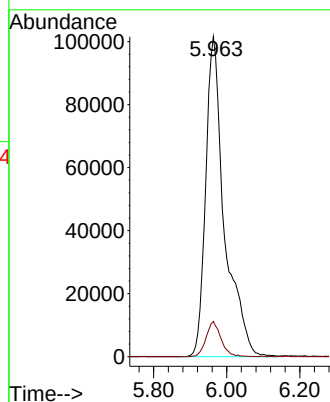
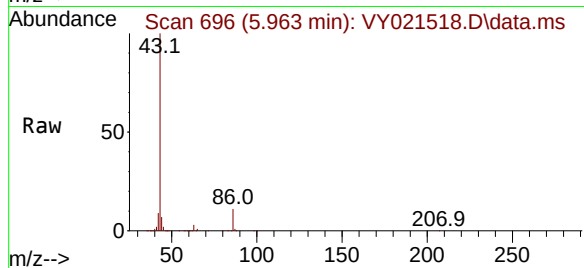
VY0313SBS01

Tgt Ion: 43 Resp: 361517

Ion Ratio Lower Upper

43 100

86 11.0 8.5 12.7



#24

1,1-Dichloroethane

Concen: 19.157 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

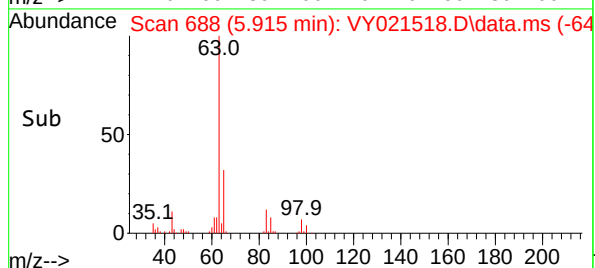
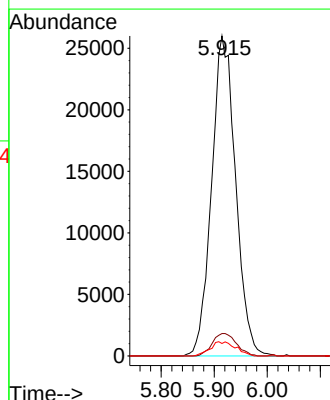
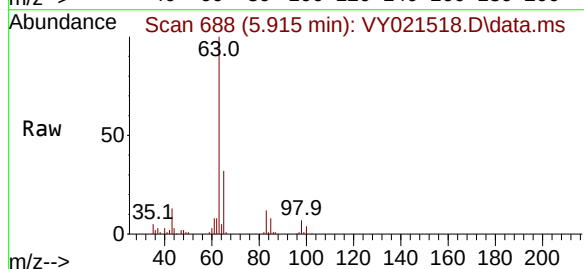
Tgt Ion: 63 Resp: 81762

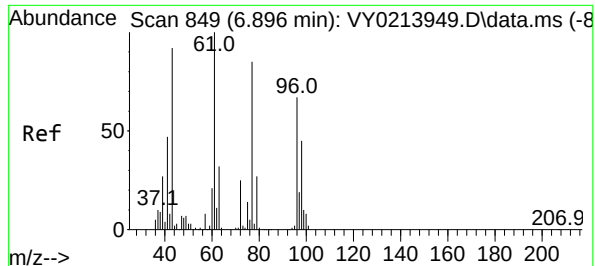
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 106.680 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

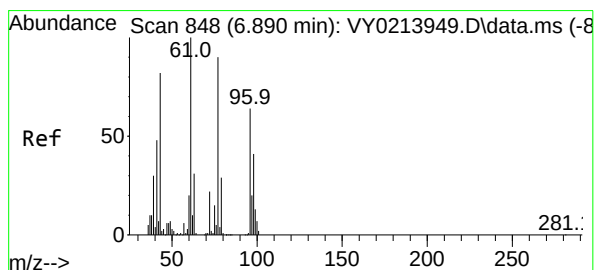
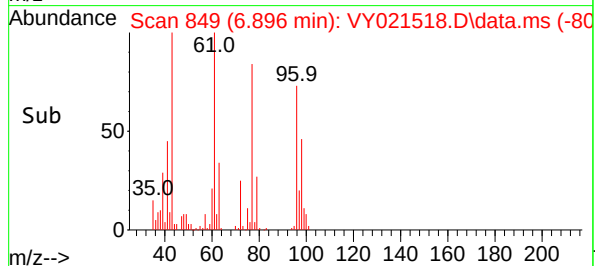
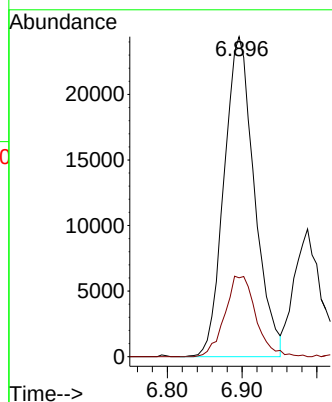
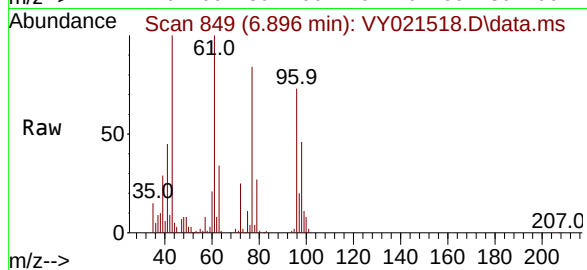
VY0313SBS01

Tgt Ion: 43 Resp: 68766

Ion Ratio Lower Upper

43 100

72 24.7 21.4 32.0



#26

2,2-Dichloropropane

Concen: 18.349 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021518.D

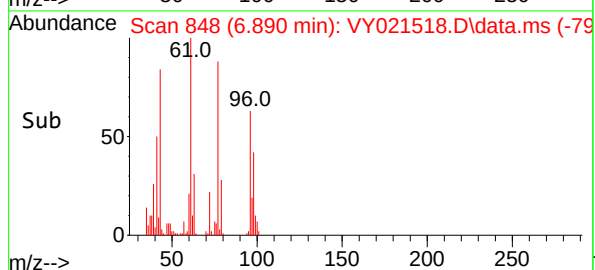
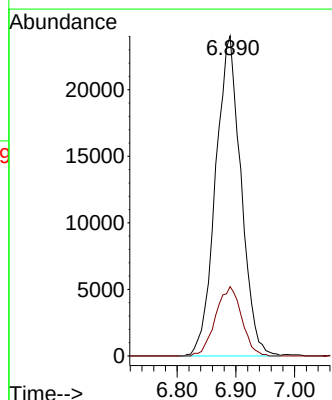
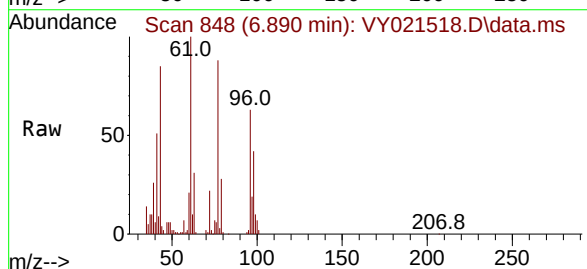
Acq: 13 Mar 2025 12:13

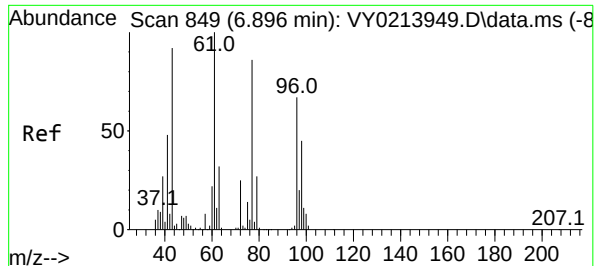
Tgt Ion: 77 Resp: 72057

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.748 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

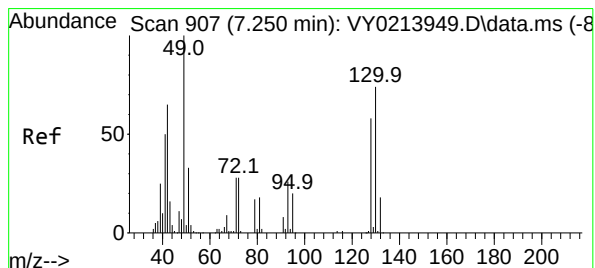
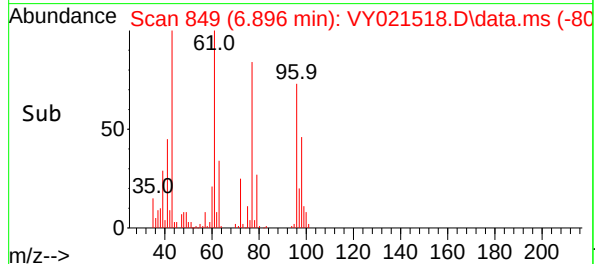
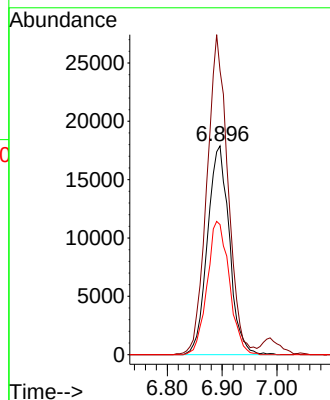
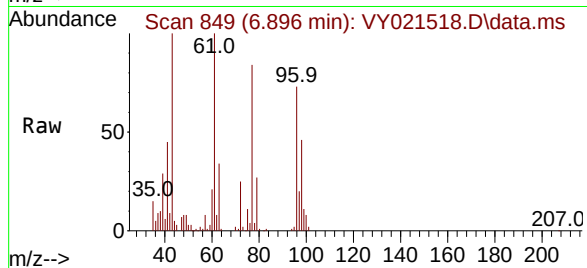
Tgt Ion: 96 Resp: 49527

Ion Ratio Lower Upper

96 100

61 148.0 0.0 300.8

98 64.8 0.0 130.0



#28

Bromochloromethane

Concen: 19.493 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

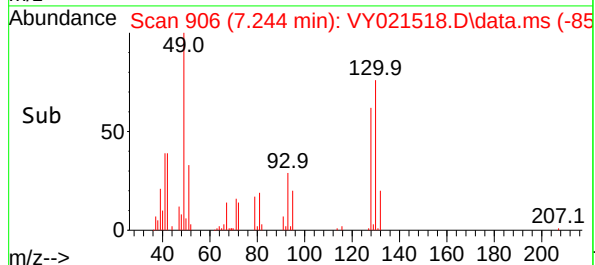
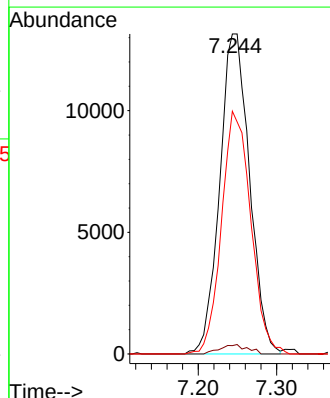
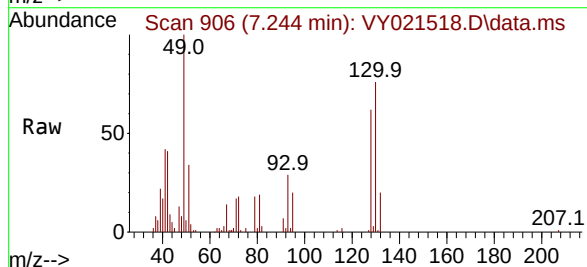
Tgt Ion: 49 Resp: 34879

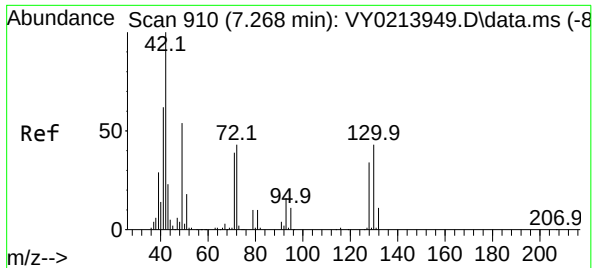
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.2

130 74.2 59.6 89.4





#29

Tetrahydrofuran

Concen: 84.266 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

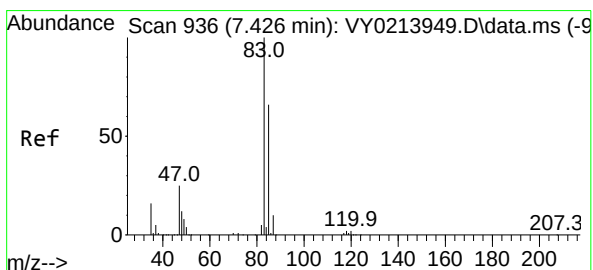
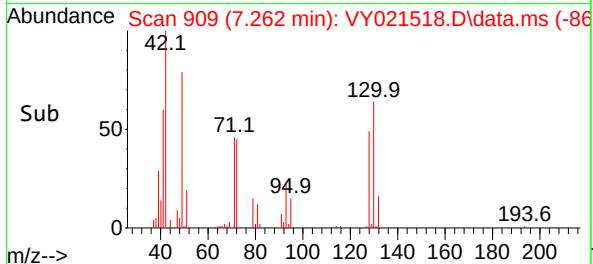
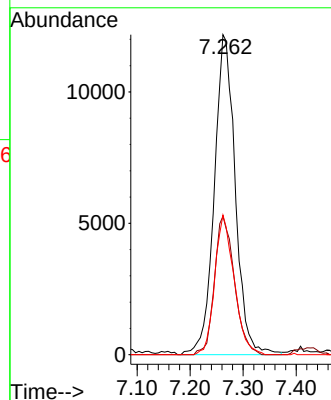
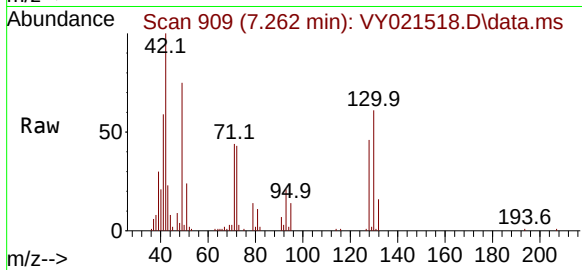
Tgt Ion: 42 Resp: 33533

Ion Ratio Lower Upper

42 100

72 41.1 34.8 52.2

71 40.3 32.6 48.8



#30

Chloroform

Concen: 19.154 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021518.D

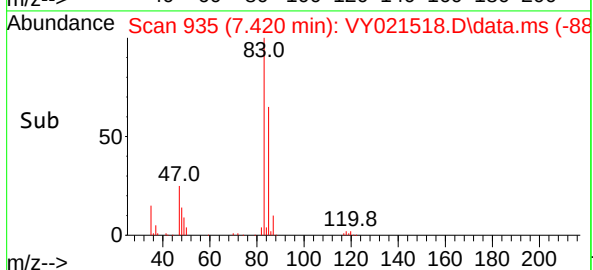
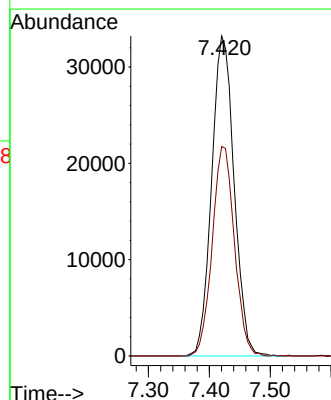
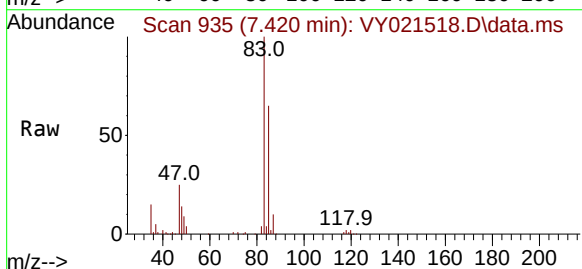
Acq: 13 Mar 2025 12:13

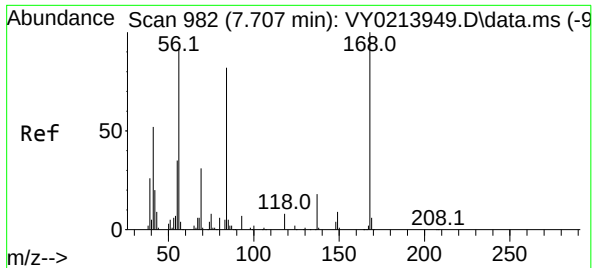
Tgt Ion: 83 Resp: 84890

Ion Ratio Lower Upper

83 100

85 65.5 53.1 79.7





#31

Cyclohexane

Concen: 16.774 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

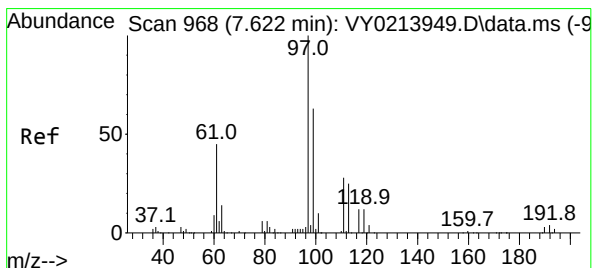
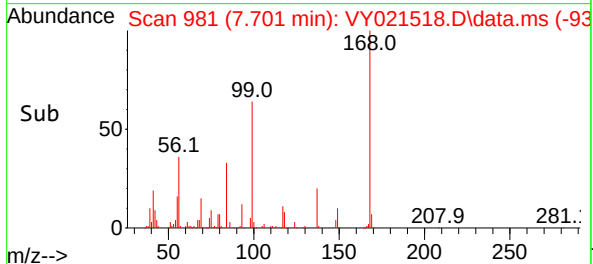
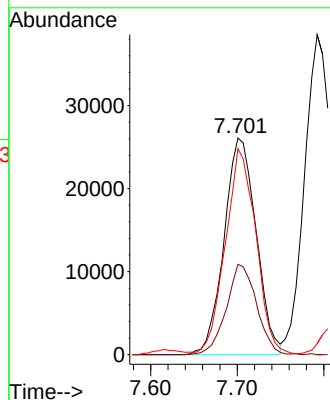
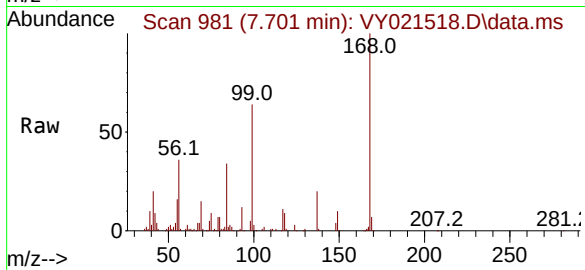
Tgt Ion: 56 Resp: 67119

Ion Ratio Lower Upper

56 100

69 41.8 27.0 40.4#

84 93.6 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 19.063 ug/l

RT: 7.615 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

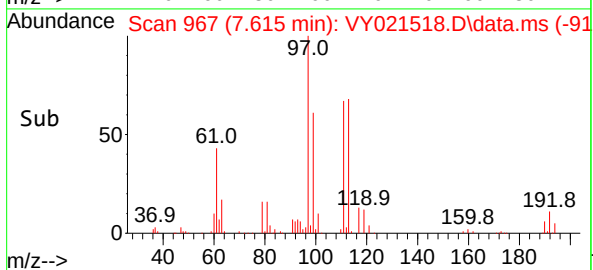
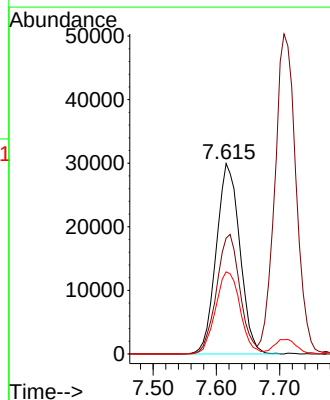
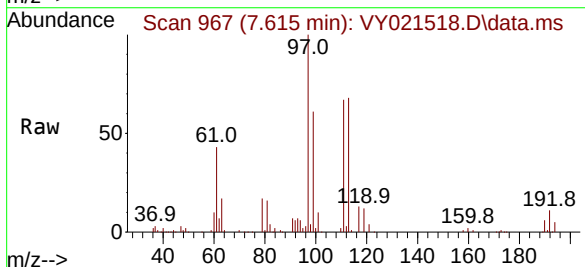
Tgt Ion: 97 Resp: 77360

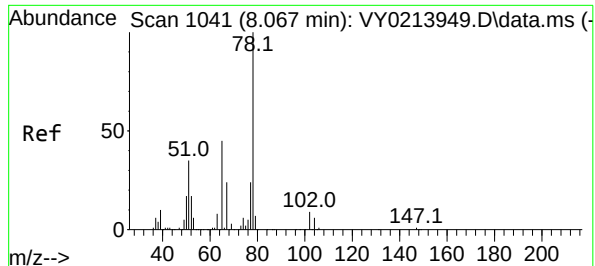
Ion Ratio Lower Upper

97 100

99 62.3 51.7 77.5

61 44.8 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 54.203 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

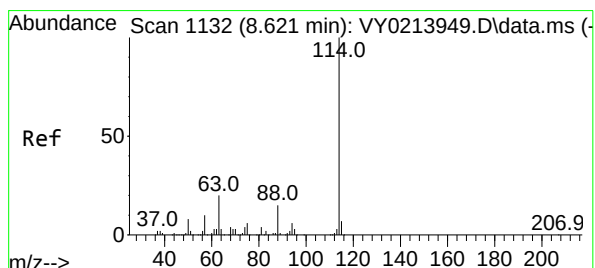
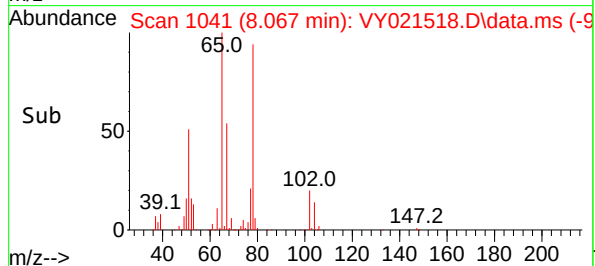
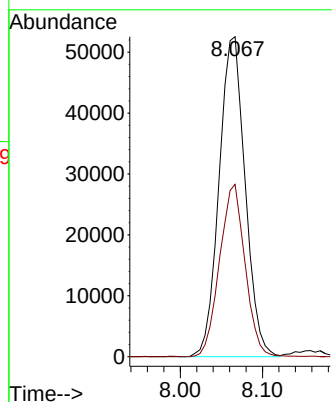
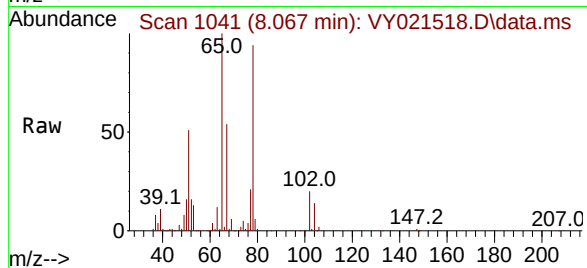
VY0313SBS01

Tgt Ion: 65 Resp: 115804

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

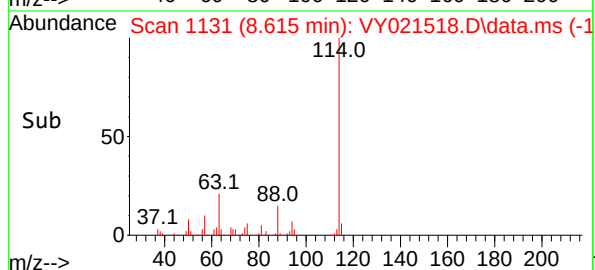
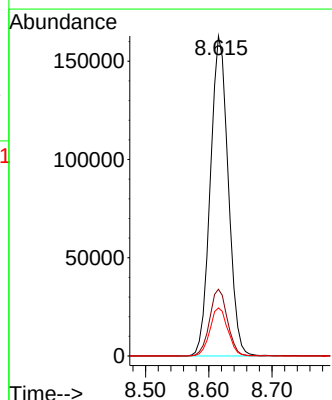
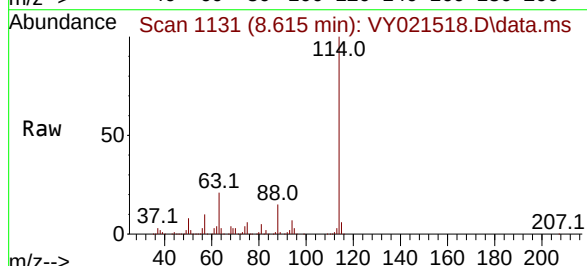
Tgt Ion: 114 Resp: 319039

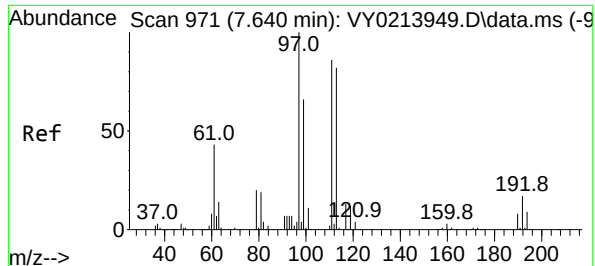
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.317 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

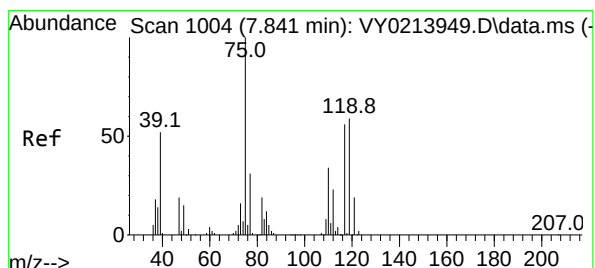
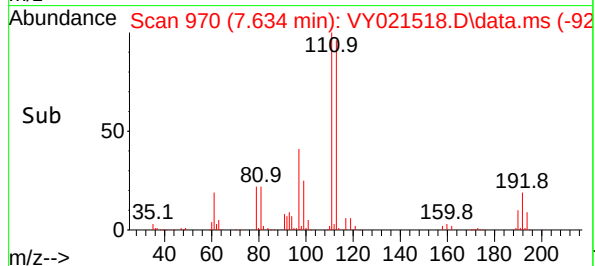
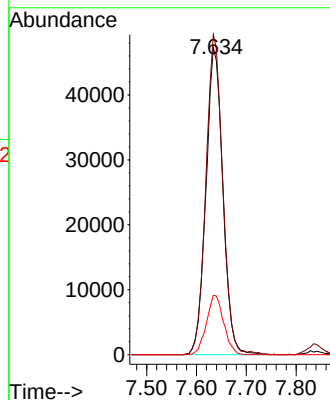
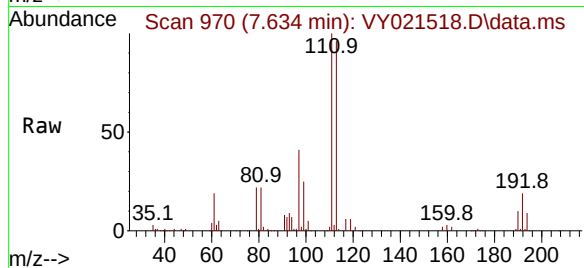
Tgt Ion:113 Resp: 111810

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 19.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 17.479 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

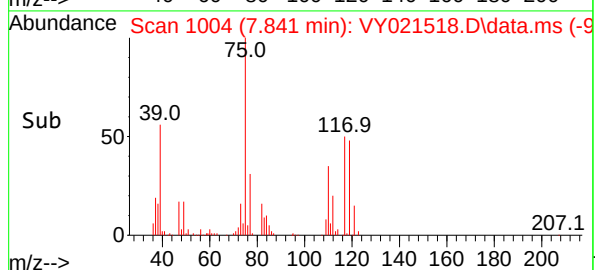
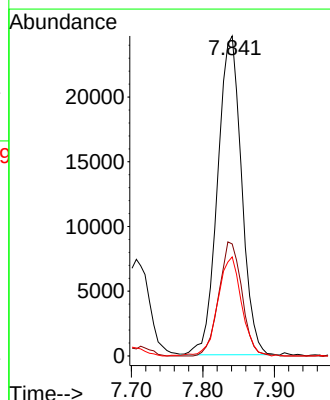
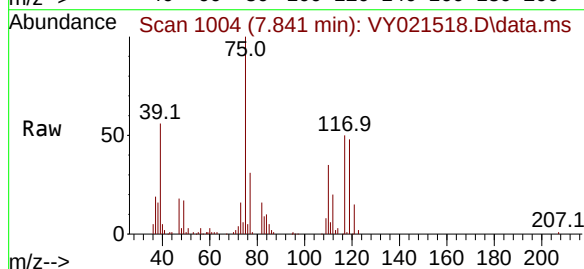
Tgt Ion: 75 Resp: 57377

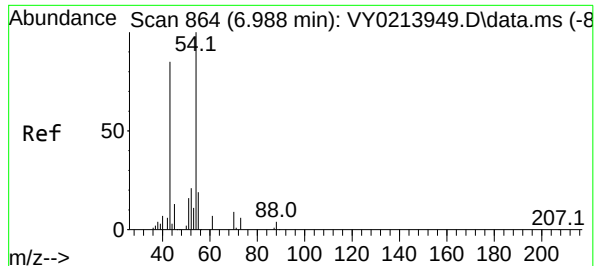
Ion Ratio Lower Upper

75 100

110 34.4 17.3 51.7

77 31.1 25.4 38.2





#37

Ethyl Acetate

Concen: 17.157 ug/l

RT: 6.987 min Scan# 864

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

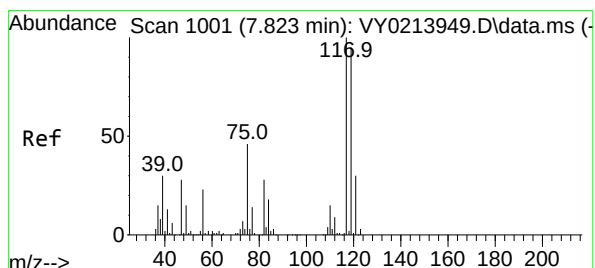
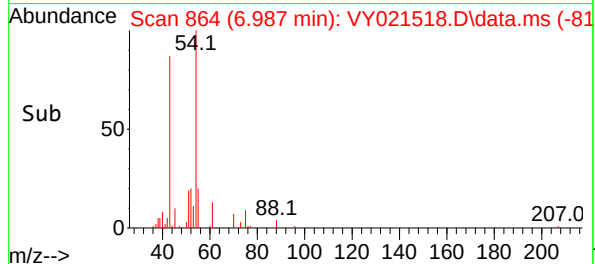
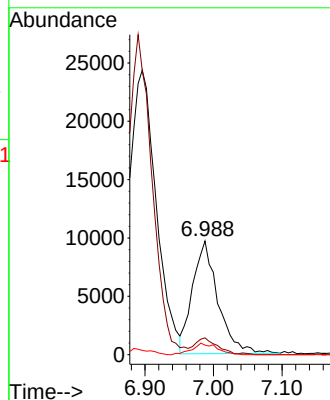
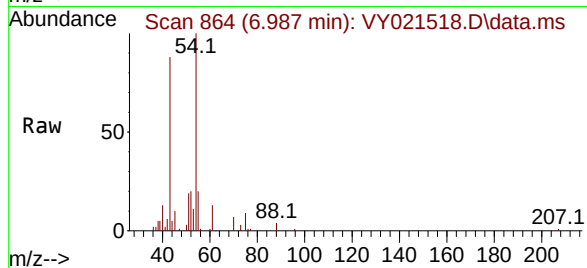
Tgt Ion: 43 Resp: 24892

Ion Ratio Lower Upper

43 100

61 11.7 11.4 17.0

70 9.8 8.2 12.2



#38

Carbon Tetrachloride

Concen: 18.145 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

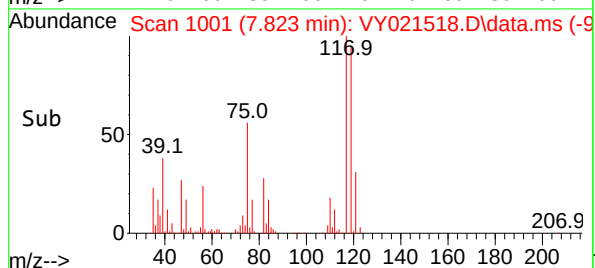
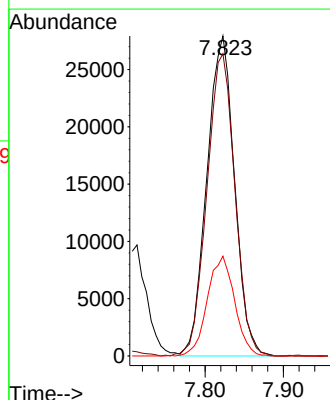
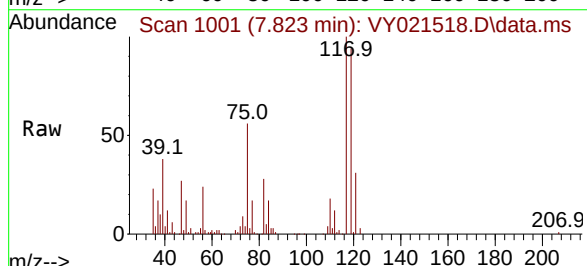
Tgt Ion: 117 Resp: 68503

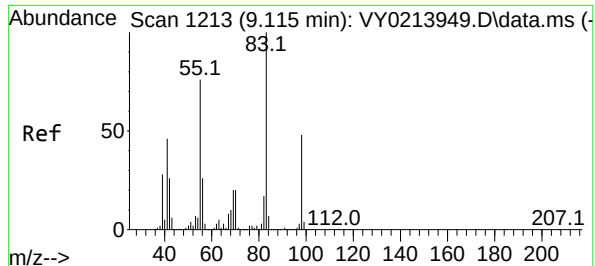
Ion Ratio Lower Upper

117 100

119 94.5 75.8 113.8

121 31.2 23.9 35.9





#39

Methylcyclohexane

Concen: 16.392 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

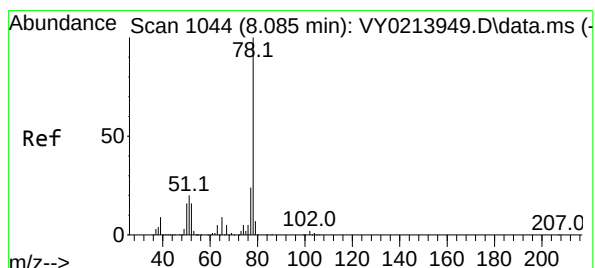
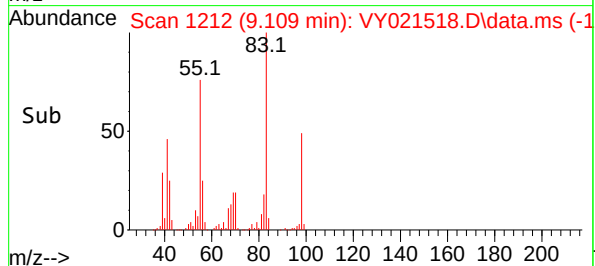
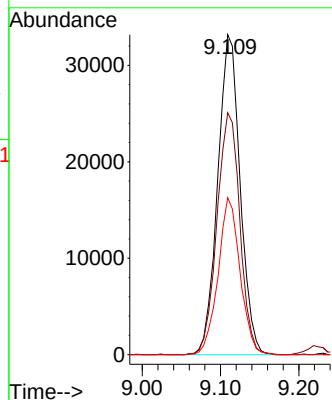
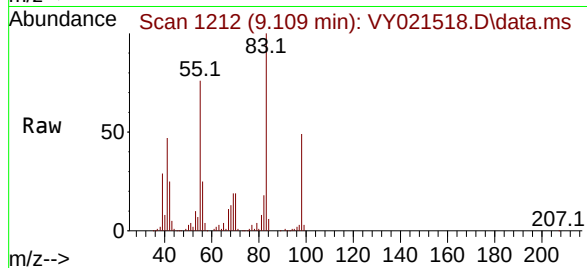
Tgt Ion: 83 Resp: 66001

Ion Ratio Lower Upper

83 100

55 75.6 60.7 91.1

98 49.1 38.6 57.8



#40

Benzene

Concen: 18.447 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021518.D

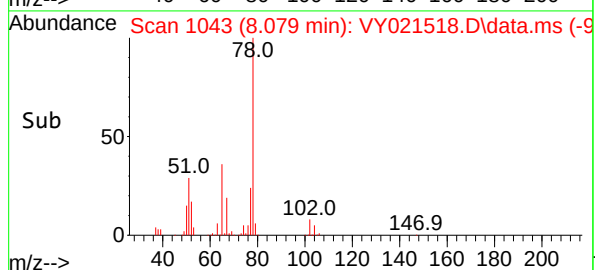
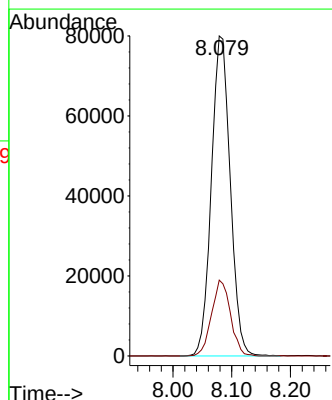
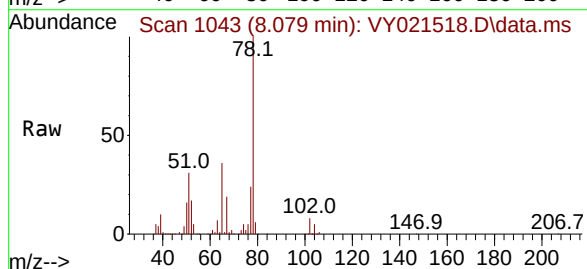
Acq: 13 Mar 2025 12:13

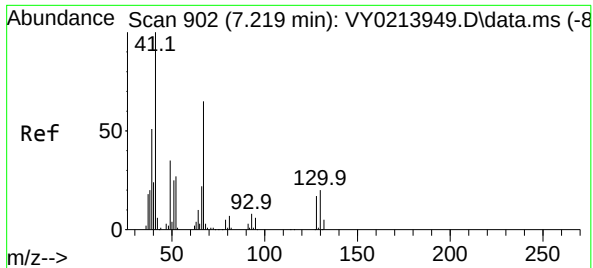
Tgt Ion: 78 Resp: 178382

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4

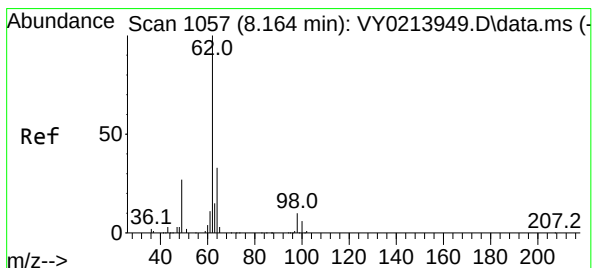
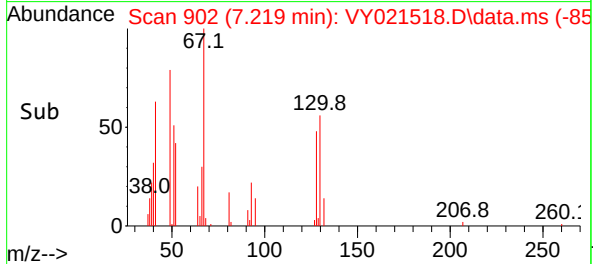
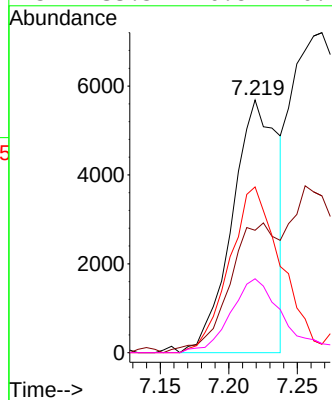
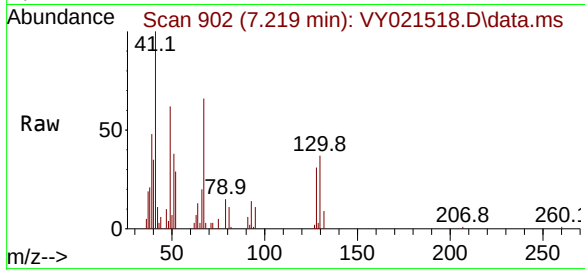




#41
Methacrylonitrile
Concen: 16.719 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

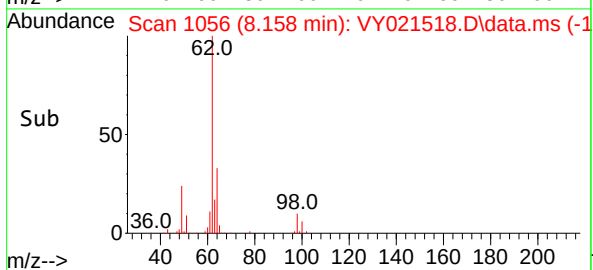
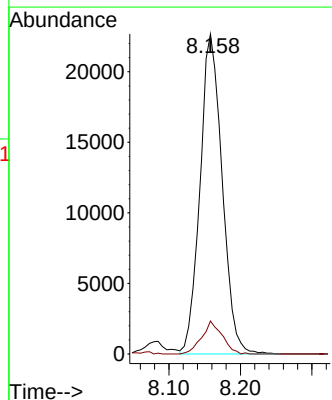
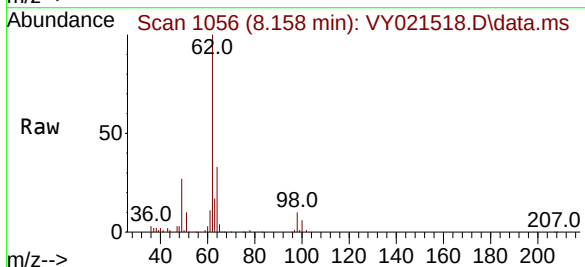
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

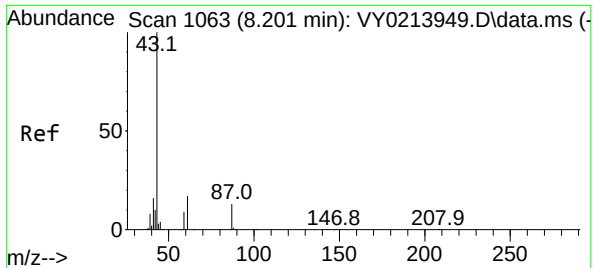
Tgt Ion:	41	Resp:	13208
Ion	Ratio	Lower	Upper
41	100		
39	55.2	35.0	52.6#
67	74.1	61.2	91.8
52	33.5	26.8	40.2



#42
1,2-Dichloroethane
Concen: 18.054 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion:	62	Resp:	48840
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2

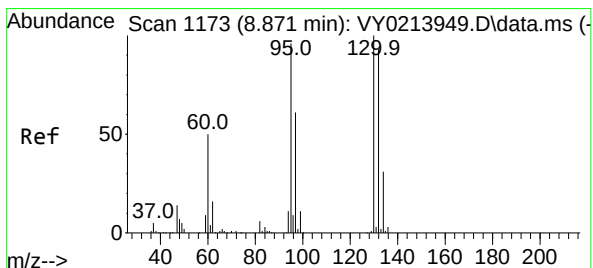
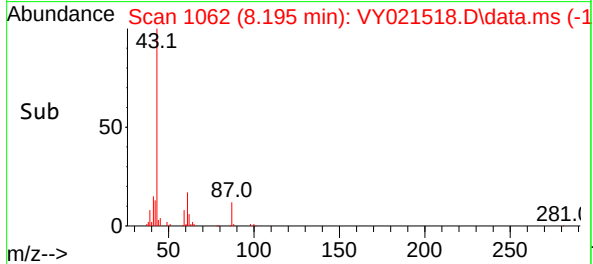
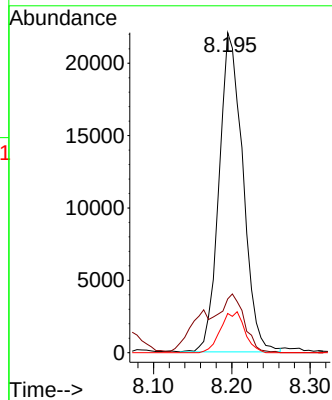
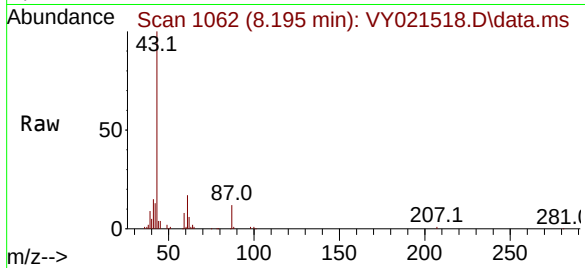




#43
Isopropyl Acetate
Concen: 16.532 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

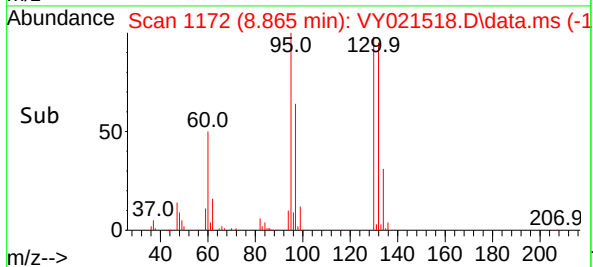
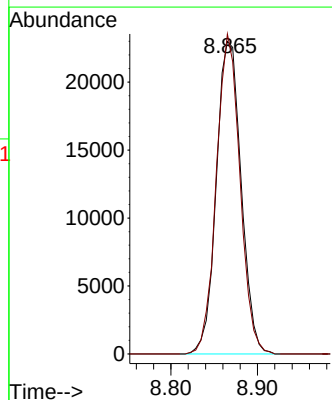
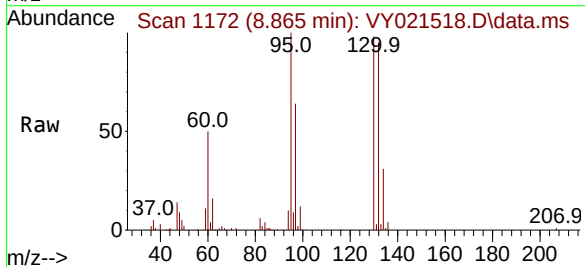
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

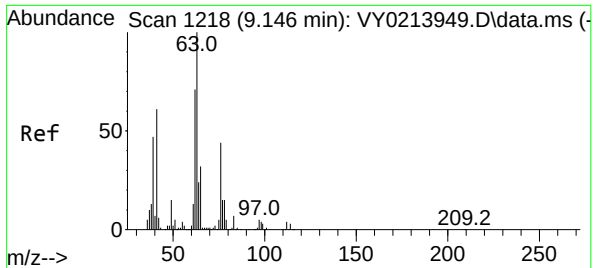
Tgt Ion: 43 Resp: 46562
Ion Ratio Lower Upper
43 100
61 18.3 23.4 35.0#
87 13.0 10.5 15.7



#44
Trichloroethene
Concen: 18.742 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion:130 Resp: 45798
Ion Ratio Lower Upper
130 100
95 102.4 0.0 191.6





#45

1,2-Dichloropropane

Concen: 18.618 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

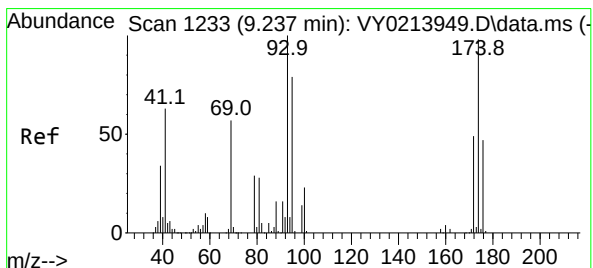
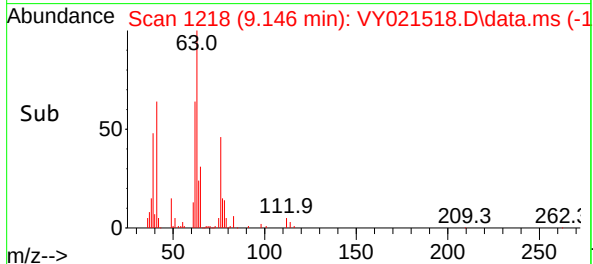
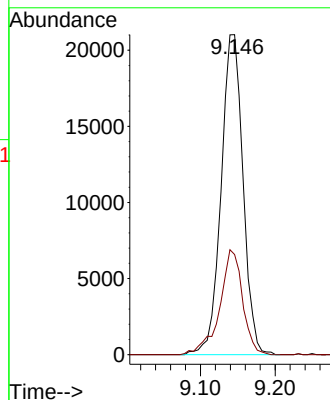
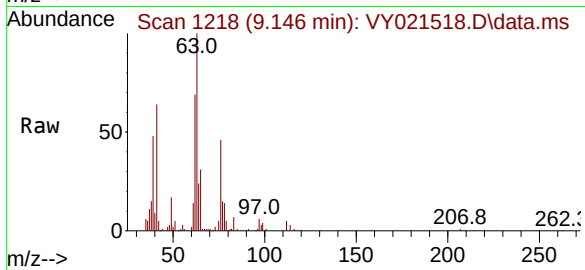
VY0313SBS01

Tgt Ion: 63 Resp: 42849

Ion Ratio Lower Upper

63 100

65 31.3 26.0 39.0



#46

Dibromomethane

Concen: 17.956 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

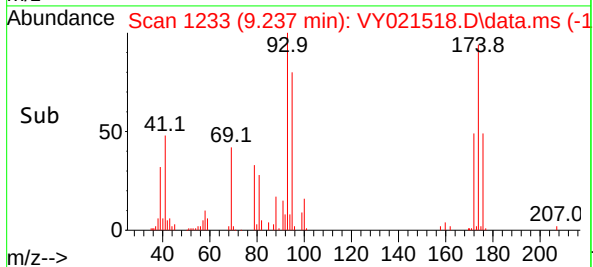
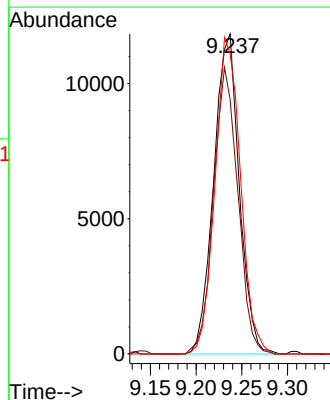
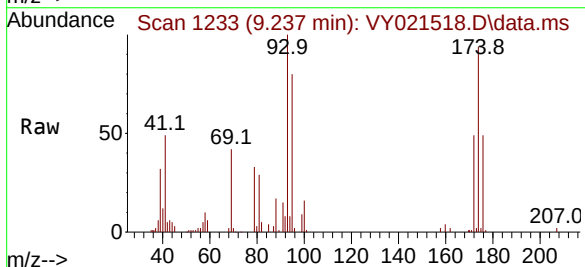
Tgt Ion: 93 Resp: 22993

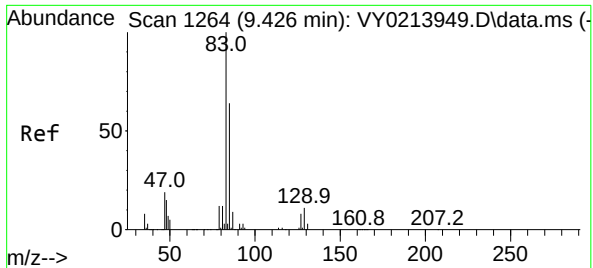
Ion Ratio Lower Upper

93 100

95 85.6 65.8 98.8

174 98.8 77.9 116.9





#47

Bromodichloromethane

Concen: 18.783 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

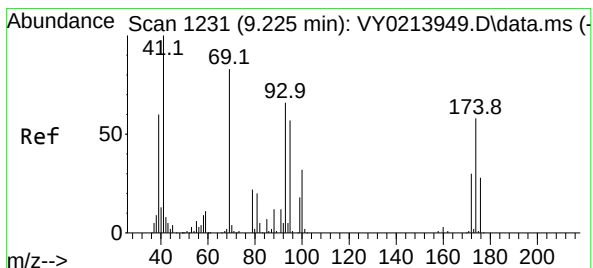
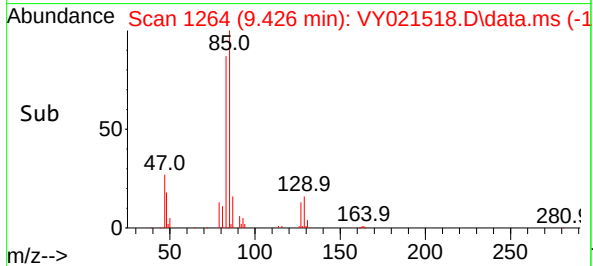
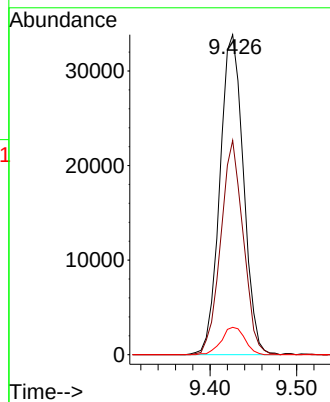
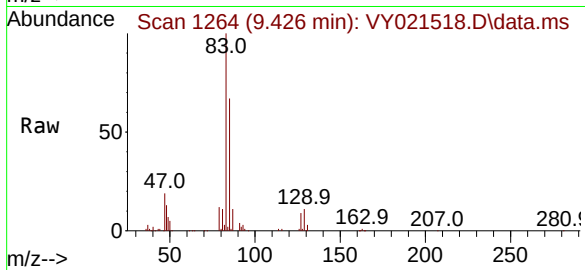
Tgt Ion: 83 Resp: 63876

Ion Ratio Lower Upper

83 100

85 67.0 51.1 76.7

127 8.6 6.7 10.1



#48

Methyl methacrylate

Concen: 16.421 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

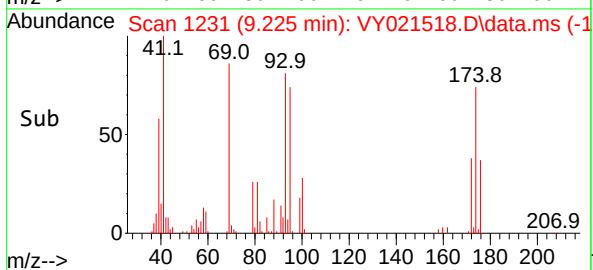
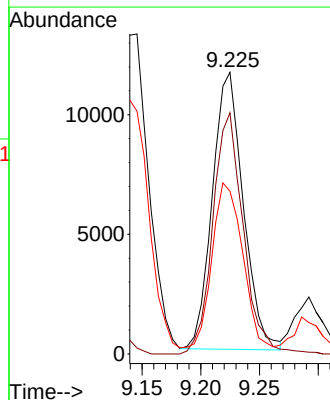
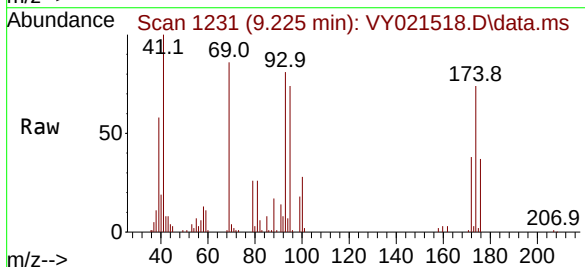
Tgt Ion: 41 Resp: 21238

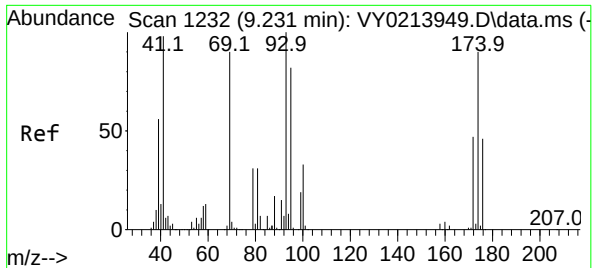
Ion Ratio Lower Upper

41 100

69 85.7 67.8 101.8

39 58.7 46.4 69.6





#49

1,4-Dioxane

Concen: 391.284 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

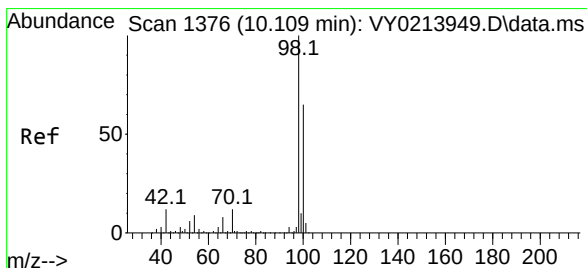
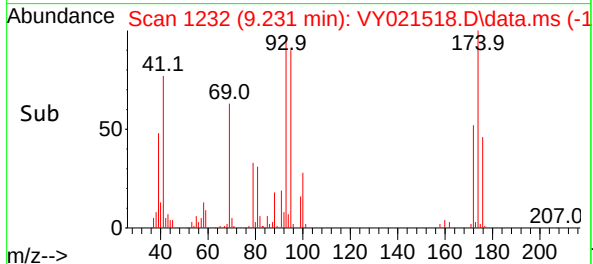
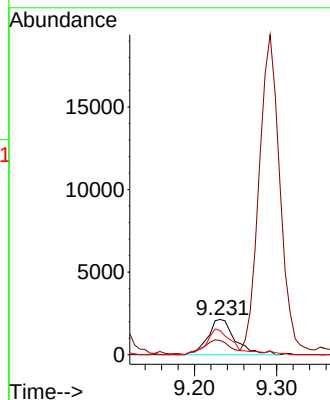
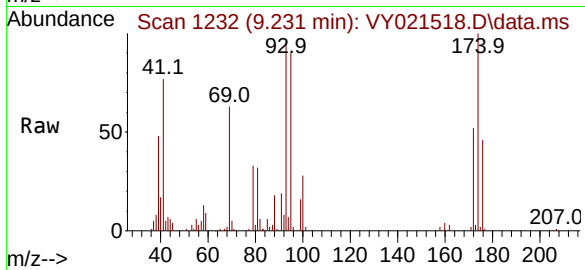
Tgt Ion: 88 Resp: 4918

Ion Ratio Lower Upper

88 100

43 40.7 25.0 37.4#

58 72.1 58.4 87.6



#50

Toluene-d8

Concen: 53.674 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021518.D

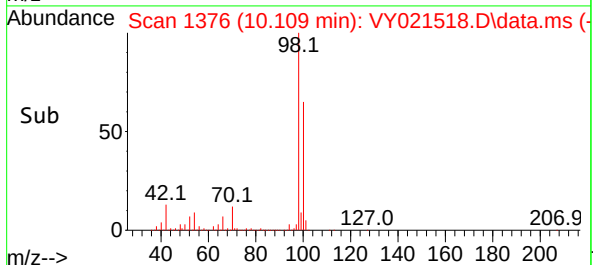
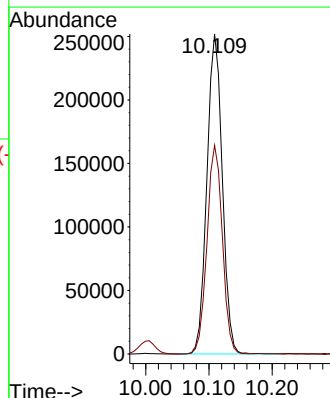
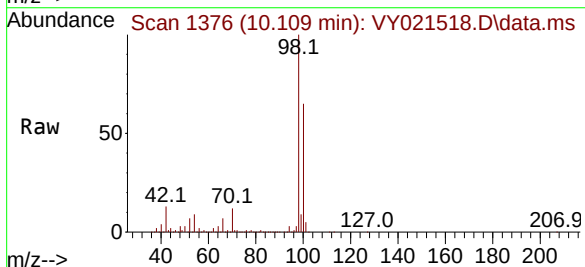
Acq: 13 Mar 2025 12:13

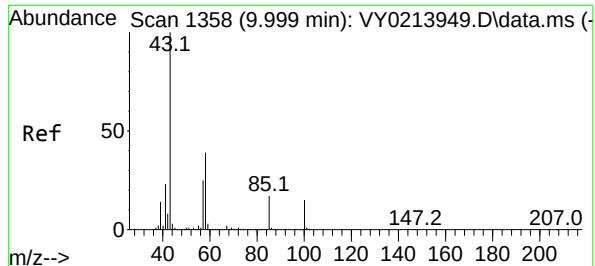
Tgt Ion: 98 Resp: 426188

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

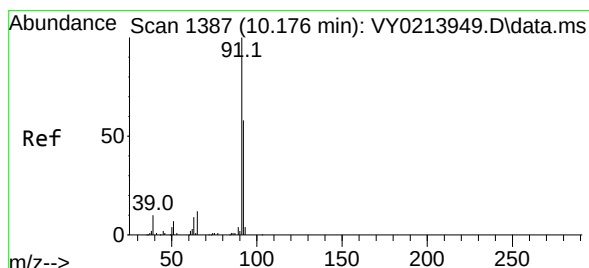
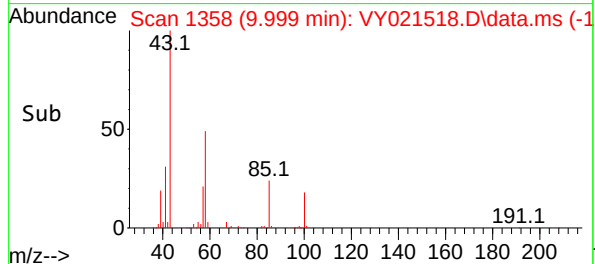
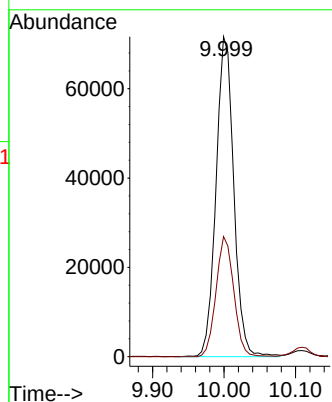
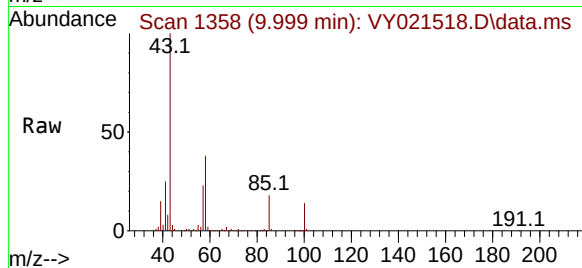




#51
4-Methyl-2-Pentanone
Concen: 85.074 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

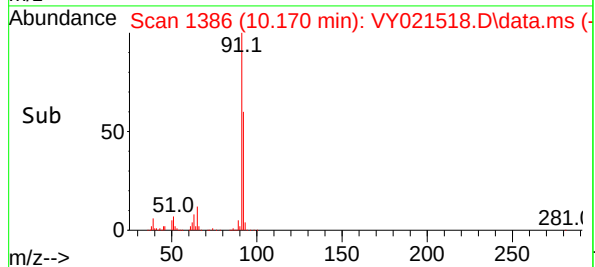
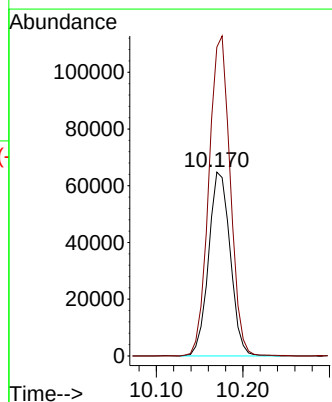
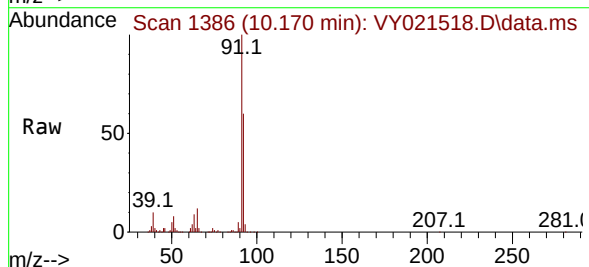
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

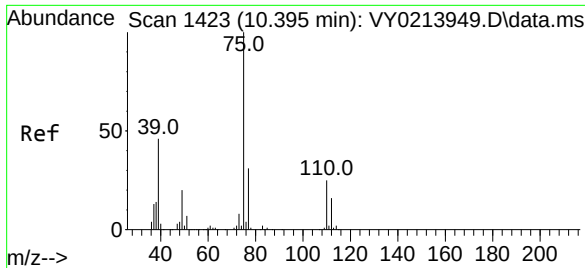
Tgt Ion: 43 Resp: 123632
Ion Ratio Lower Upper
43 100
58 37.5 31.4 47.2



#52
Toluene
Concen: 18.421 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 92 Resp: 112302
Ion Ratio Lower Upper
92 100
91 172.2 138.2 207.2

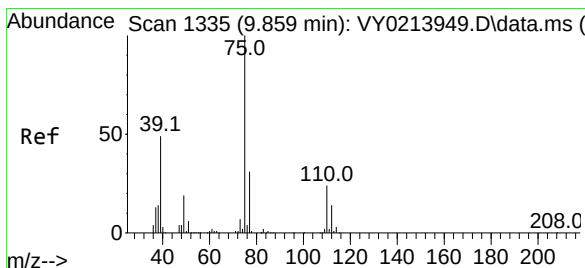
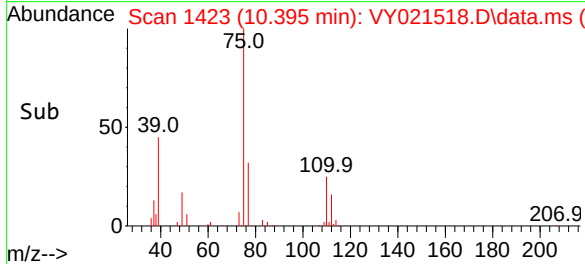
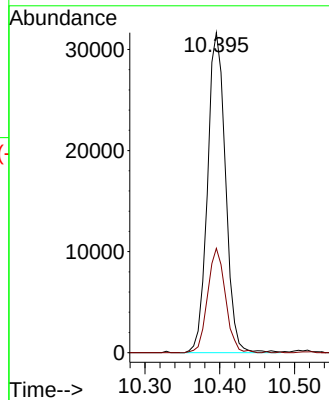
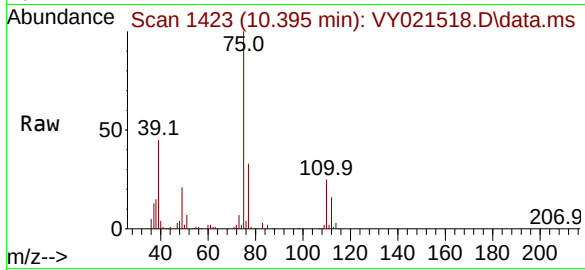




#53
 t-1,3-Dichloropropene
 Concen: 17.660 ug/l
 RT: 10.395 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

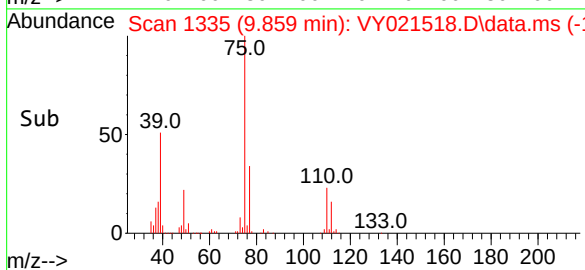
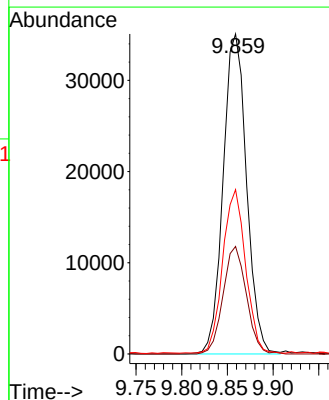
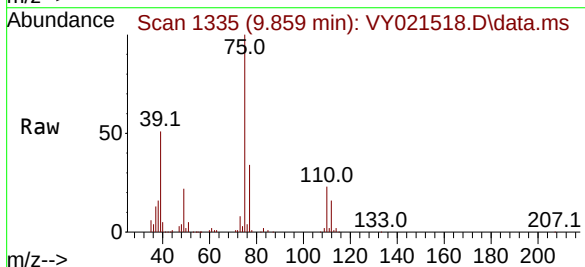
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

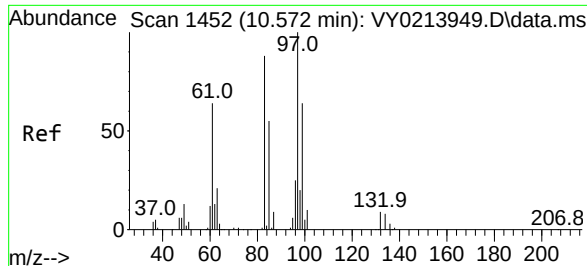
Tgt Ion: 75 Resp: 52912
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 17.590 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY021518.D
 Acq: 13 Mar 2025 12:13

Tgt Ion: 75 Resp: 62570
 Ion Ratio Lower Upper
 75 100
 77 33.6 24.6 37.0
 39 51.1 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 17.876 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

Tgt Ion: 97 Resp: 29943

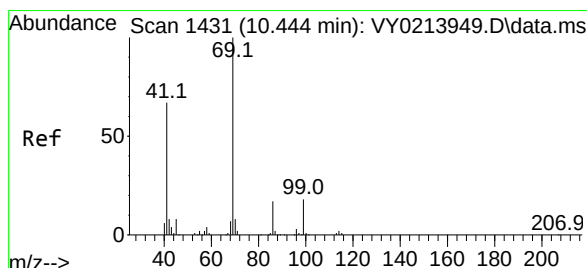
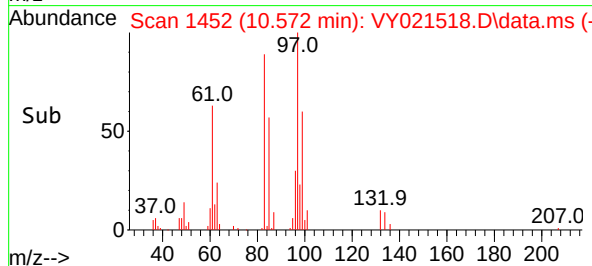
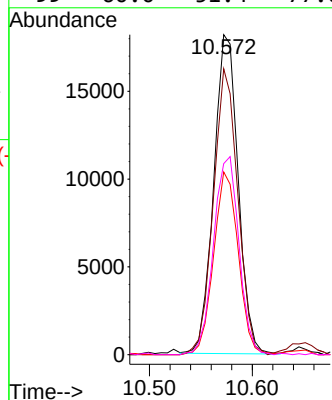
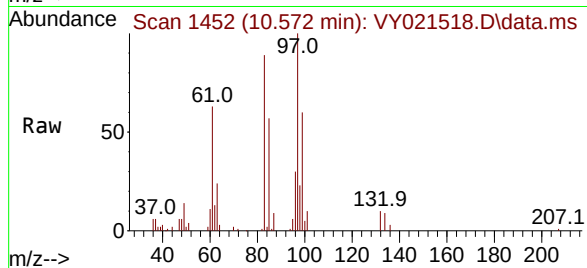
Ion Ratio Lower Upper

97 100

83 89.8 70.0 105.0

85 57.3 44.3 66.5

99 60.0 51.4 77.0



#56

Ethyl methacrylate

Concen: 16.462 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

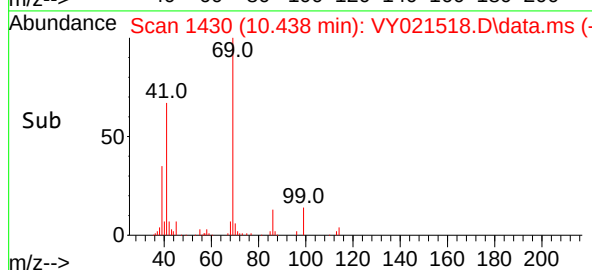
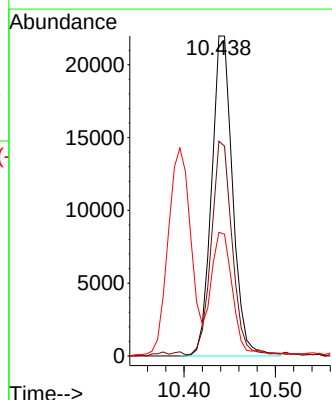
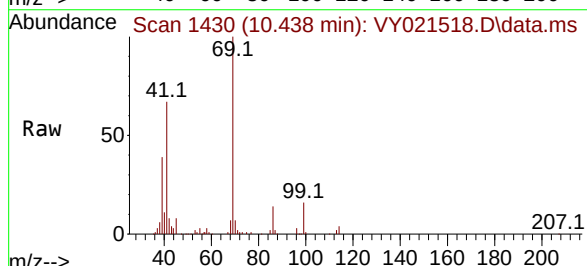
Tgt Ion: 69 Resp: 35168

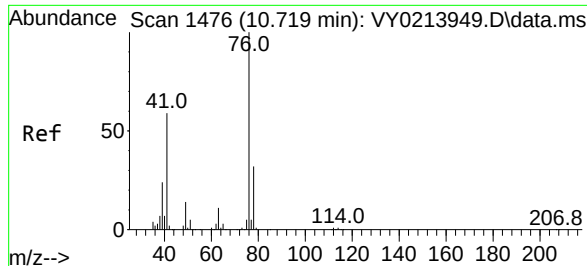
Ion Ratio Lower Upper

69 100

41 65.8 53.3 79.9

39 38.3 31.0 46.6





#57

1,3-Dichloropropane

Concen: 17.941 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

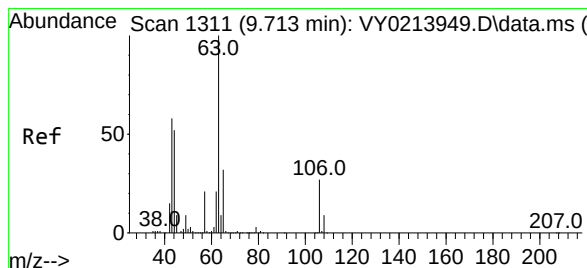
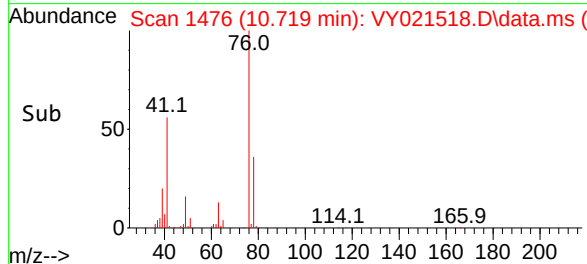
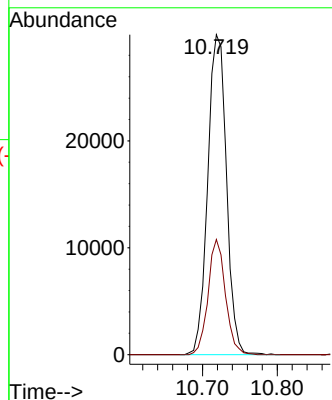
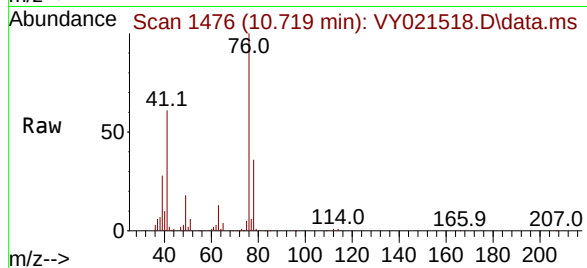
VY0313SBS01

Tgt Ion: 76 Resp: 52085

Ion Ratio Lower Upper

76 100

78 33.4 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 88.876 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021518.D

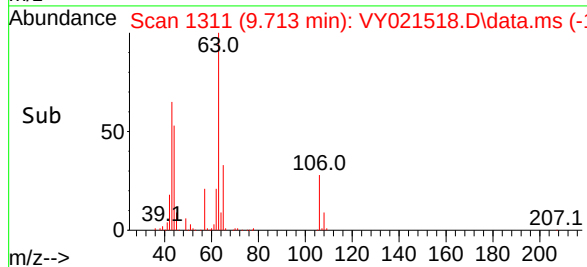
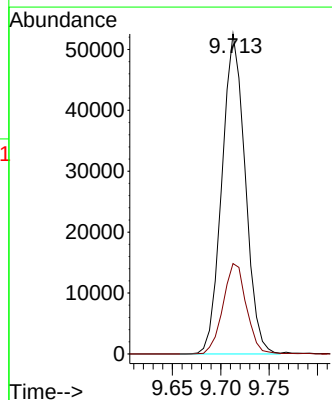
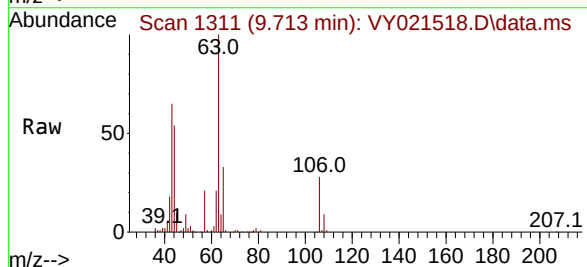
Acq: 13 Mar 2025 12:13

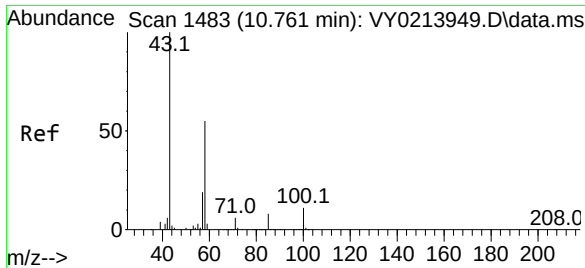
Tgt Ion: 63 Resp: 87647

Ion Ratio Lower Upper

63 100

106 28.4 22.1 33.1





#59

2-Hexanone

Concen: 99.502 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

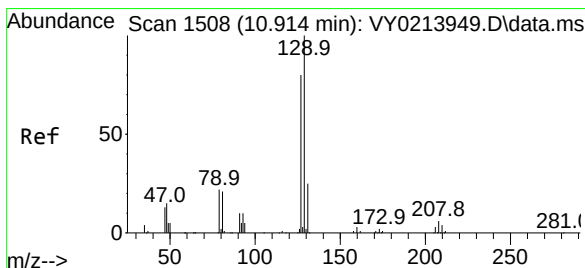
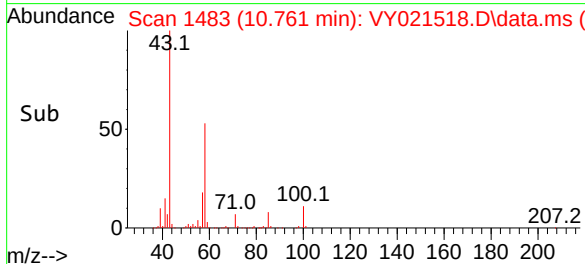
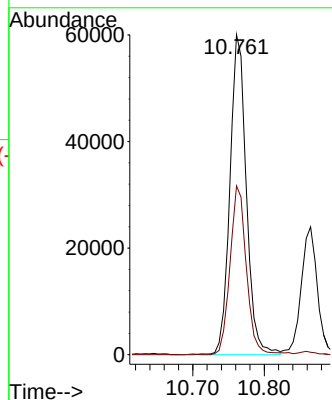
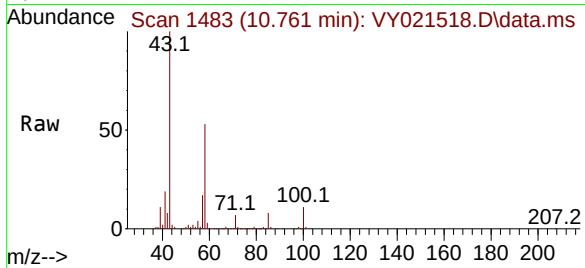
VY0313SBS01

Tgt Ion: 43 Resp: 95612

Ion Ratio Lower Upper

43 100

58 52.7 27.3 81.8



#60

Dibromochloromethane

Concen: 17.923 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VY021518.D

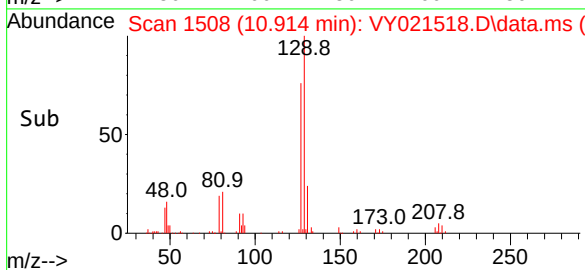
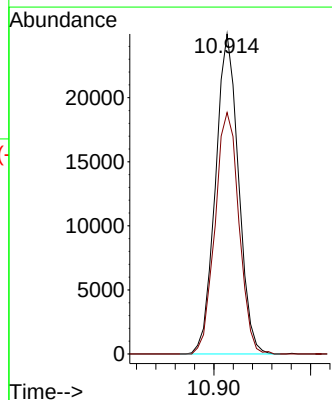
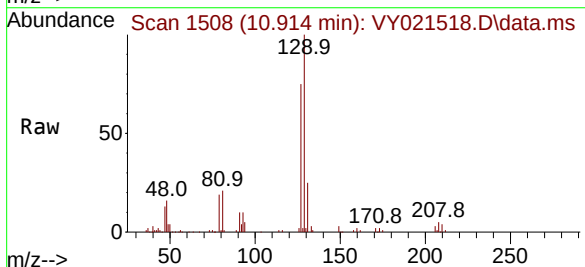
Acq: 13 Mar 2025 12:13

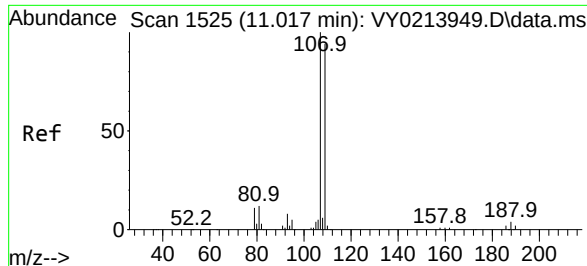
Tgt Ion: 129 Resp: 41159

Ion Ratio Lower Upper

129 100

127 78.4 39.1 117.3





#61

1,2-Dibromoethane

Concen: 17.842 ug/l

RT: 11.017 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

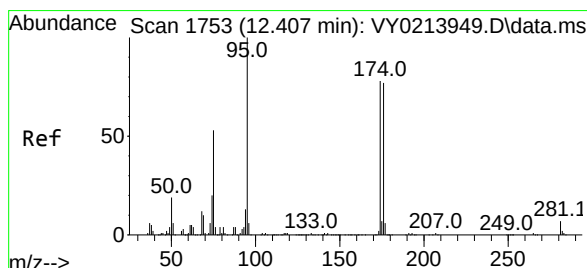
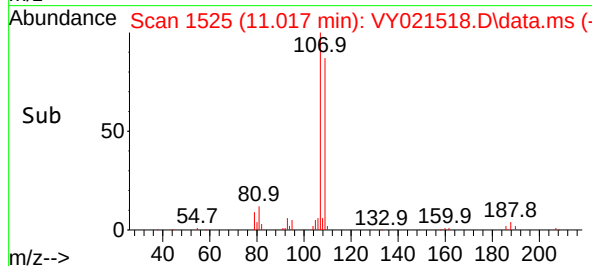
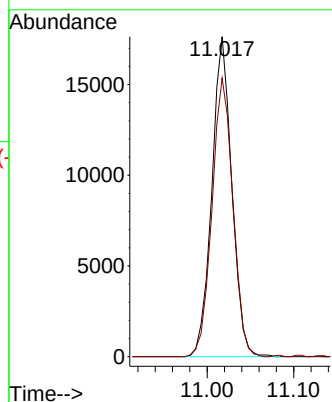
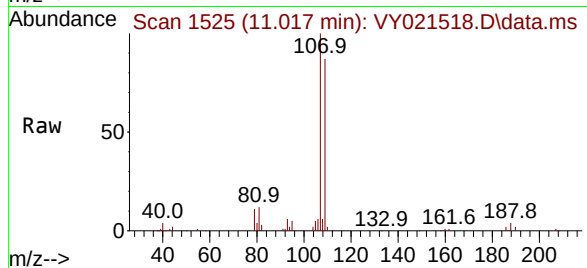
VY0313SBS01

Tgt Ion:107 Resp: 28206

Ion Ratio Lower Upper

107 100

109 91.4 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 52.510 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

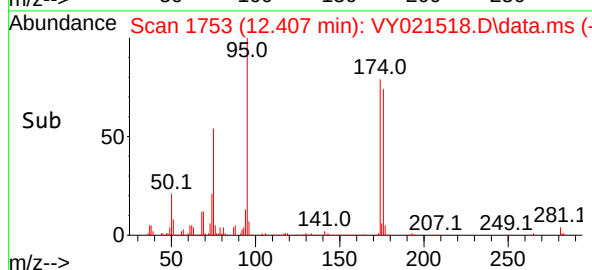
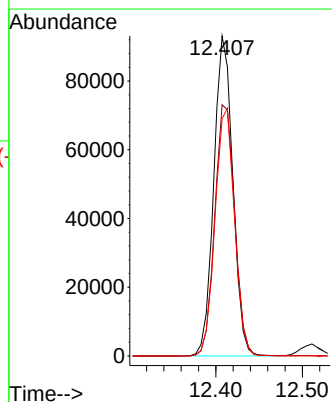
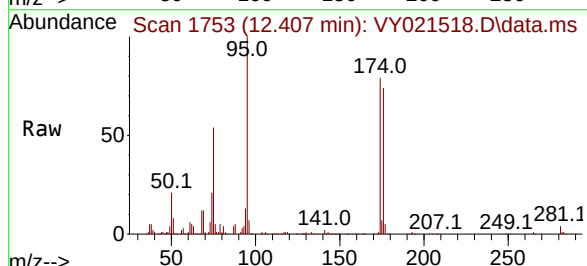
Tgt Ion: 95 Resp: 141826

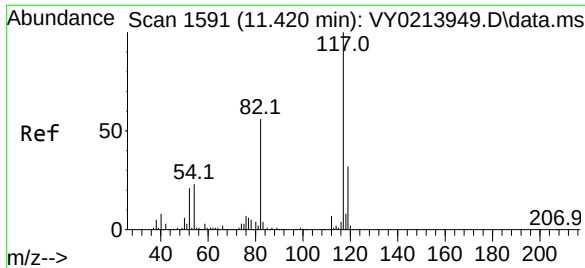
Ion Ratio Lower Upper

95 100

174 82.7 0.0 165.0

176 79.5 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

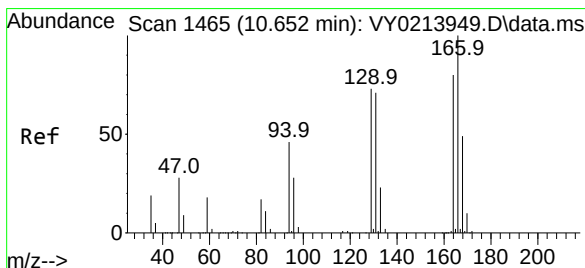
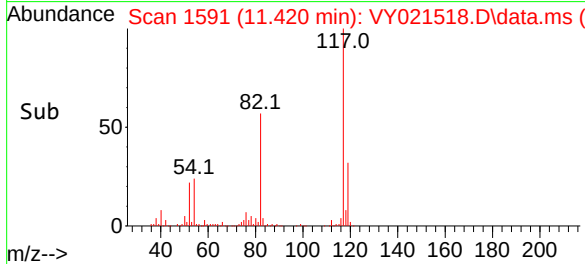
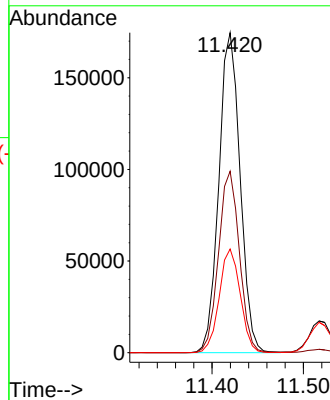
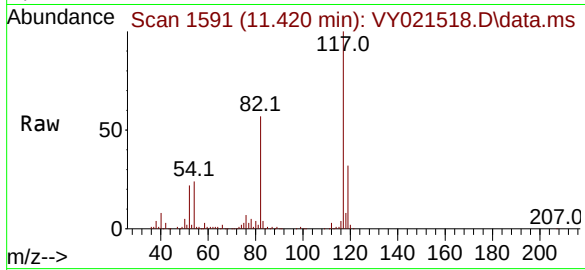
Tgt Ion:117 Resp: 282466

Ion Ratio Lower Upper

117 100

82 56.7 44.6 67.0

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 20.789 ug/l

RT: 10.651 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Tgt Ion:164 Resp: 47750

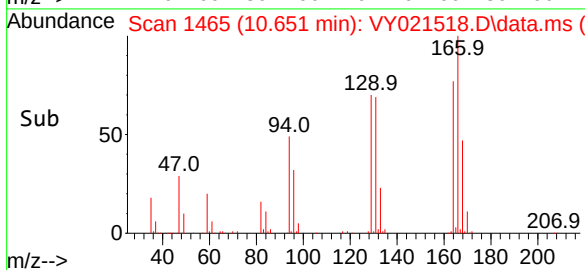
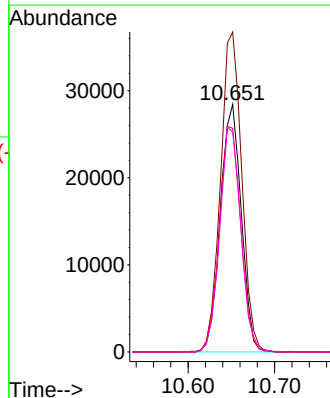
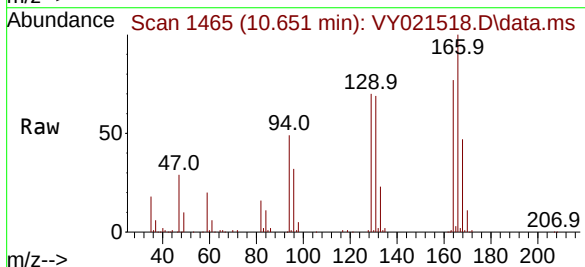
Ion Ratio Lower Upper

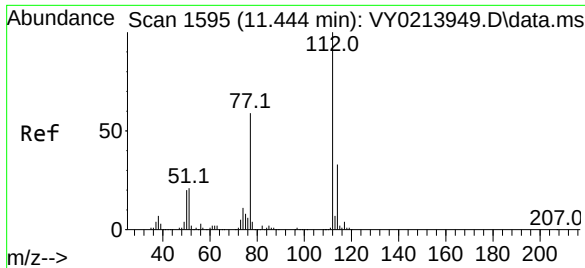
164 100

166 129.3 100.4 150.6

129 90.4 73.8 110.8

131 88.9 71.5 107.3





#65

Chlorobenzene

Concen: 17.856 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

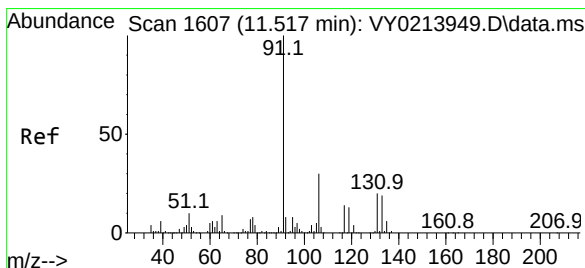
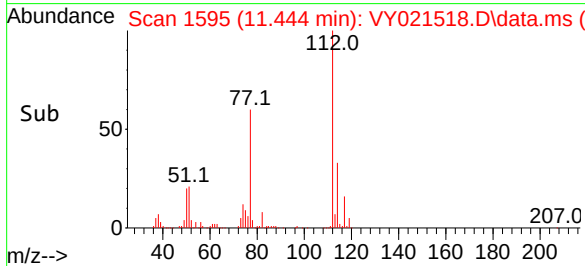
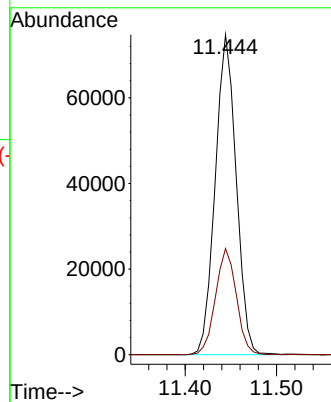
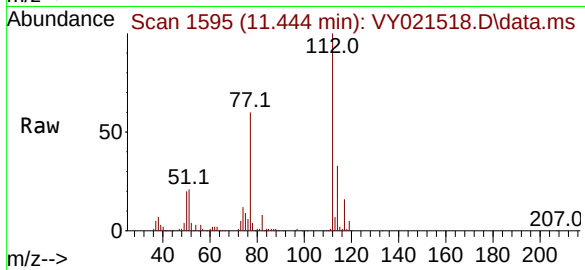
VY0313SBS01

Tgt Ion:112 Resp: 119107

Ion Ratio Lower Upper

112 100

114 33.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 18.374 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

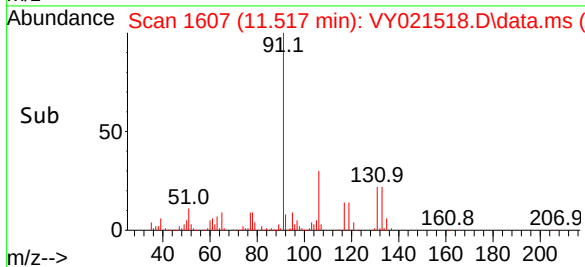
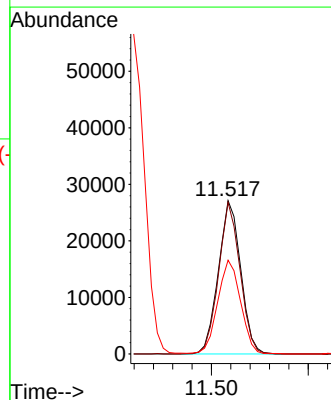
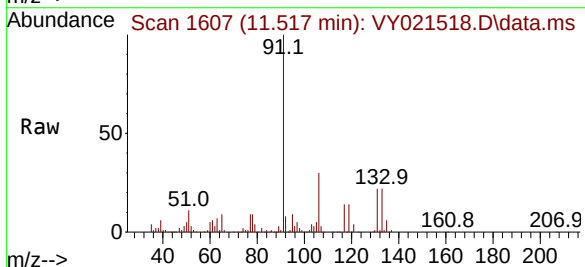
Tgt Ion:131 Resp: 43330

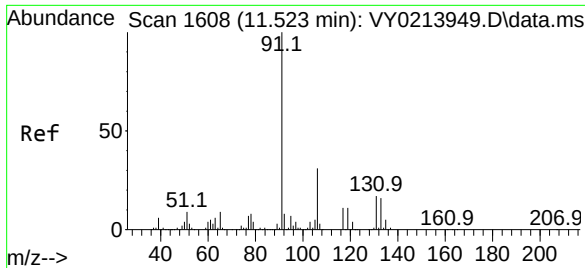
Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.9

119 62.9 32.3 96.9





#67

Ethyl Benzene

Concen: 17.484 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

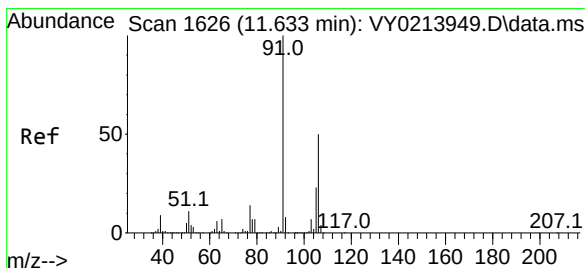
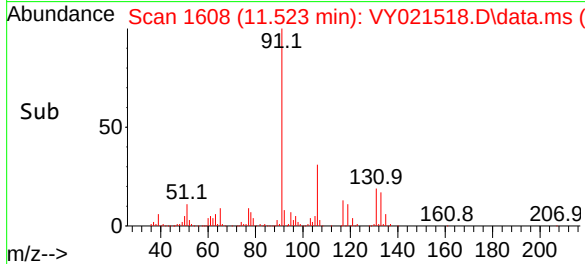
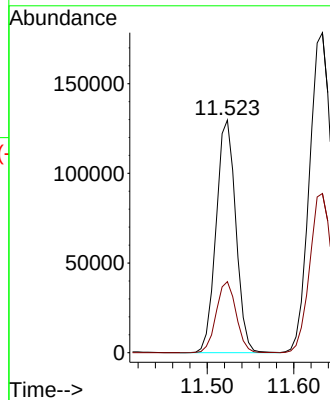
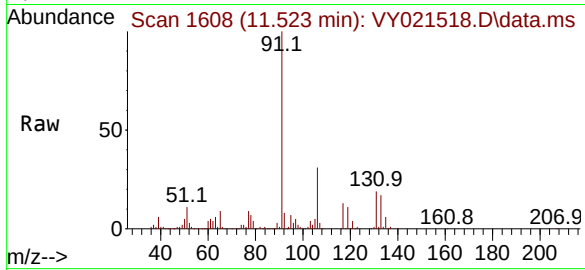
VY0313SBS01

Tgt Ion: 91 Resp: 204694

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 36.112 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021518.D

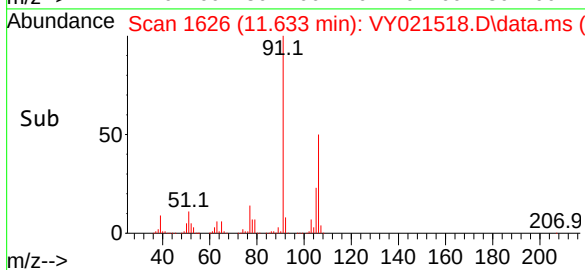
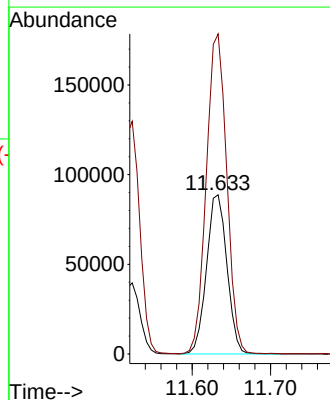
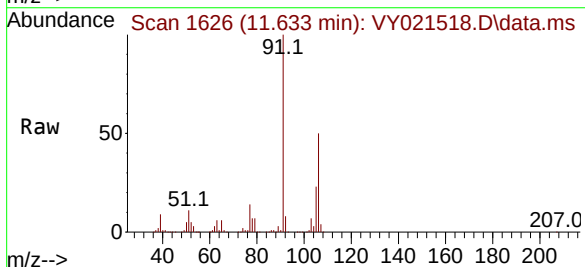
Acq: 13 Mar 2025 12:13

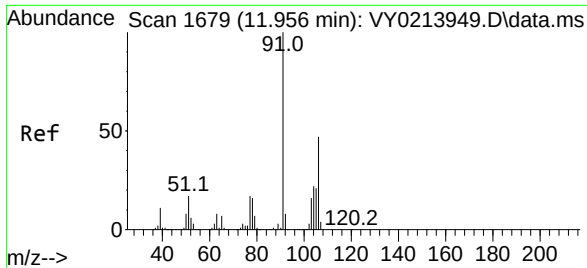
Tgt Ion: 106 Resp: 160513

Ion Ratio Lower Upper

106 100

91 201.1 161.7 242.5





#69

o-Xylene

Concen: 17.651 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

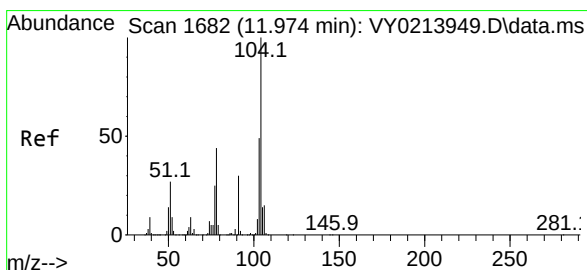
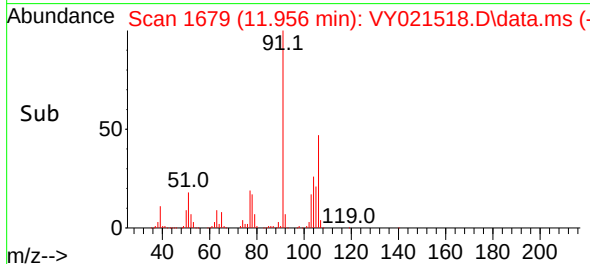
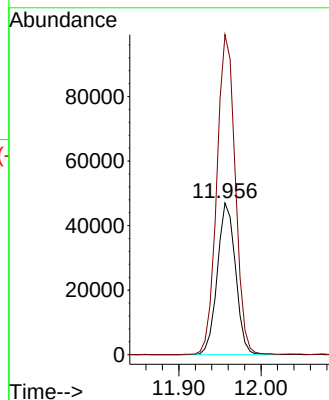
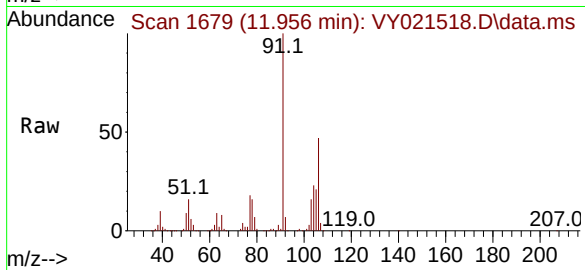
VY0313SBS01

Tgt Ion:106 Resp: 72309

Ion Ratio Lower Upper

106 100

91 214.4 107.6 322.8



#70

Styrene

Concen: 17.938 ug/l

RT: 11.974 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

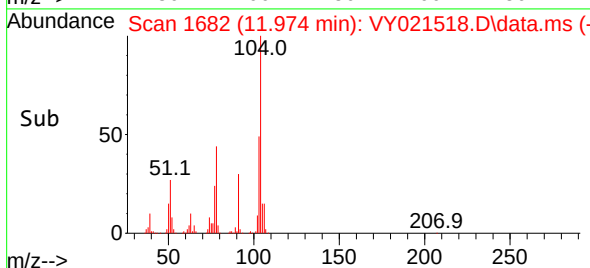
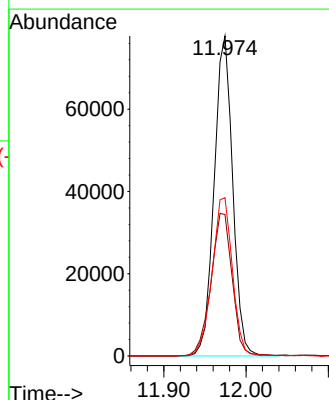
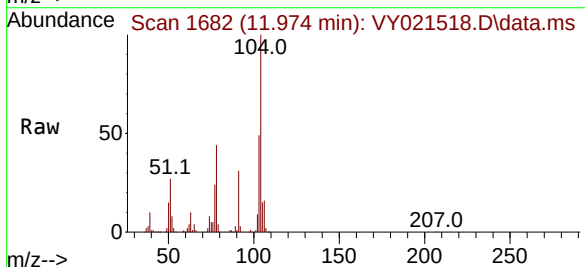
Tgt Ion:104 Resp: 121907

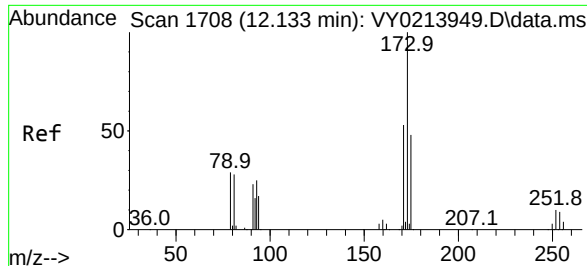
Ion Ratio Lower Upper

104 100

78 50.9 40.7 61.1

103 54.5 44.1 66.1





#71

Bromoform

Concen: 17.452 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

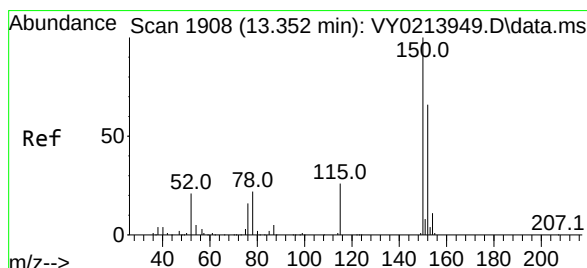
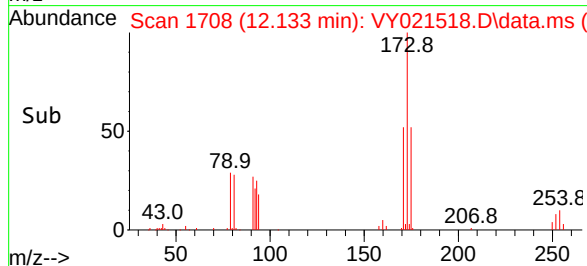
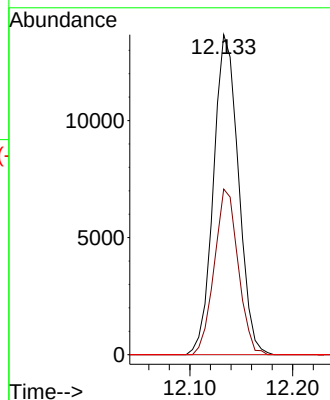
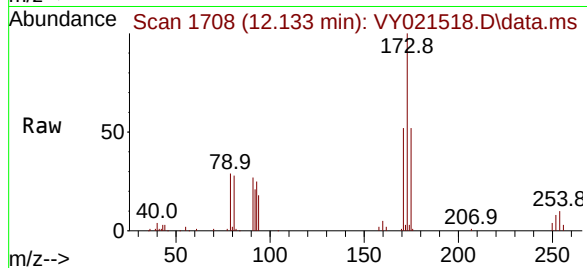
Tgt Ion:173 Resp: 23007

Ion Ratio Lower Upper

173 100

175 49.6 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

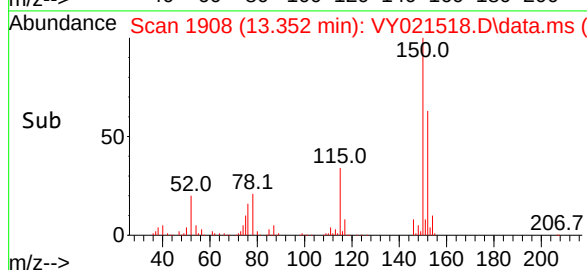
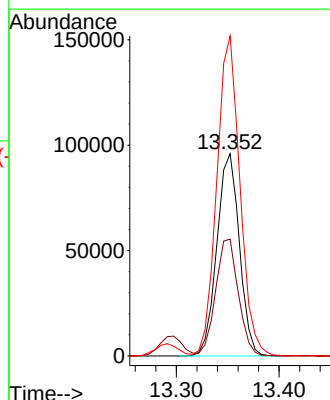
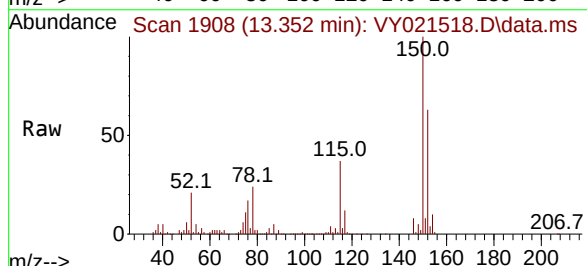
Tgt Ion:152 Resp: 145688

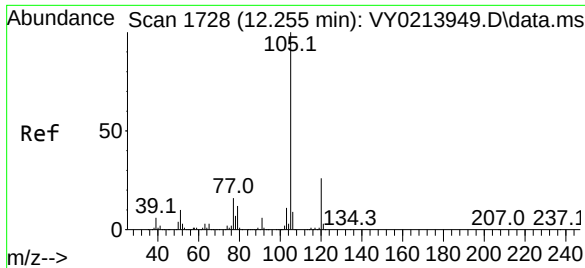
Ion Ratio Lower Upper

152 100

115 58.2 29.0 87.0

150 162.5 0.0 347.2

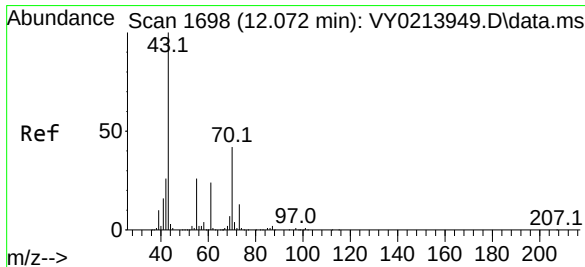
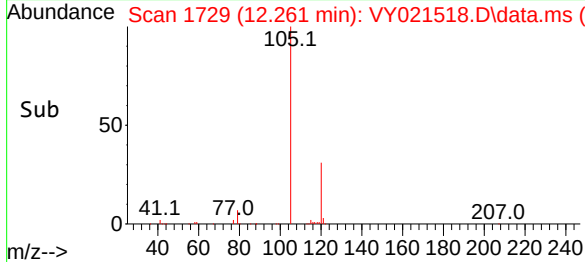
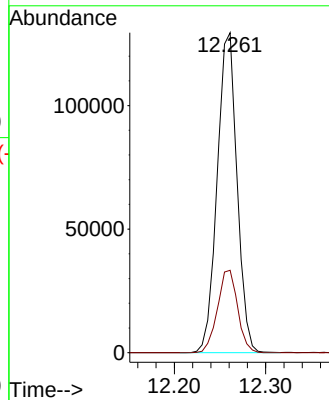
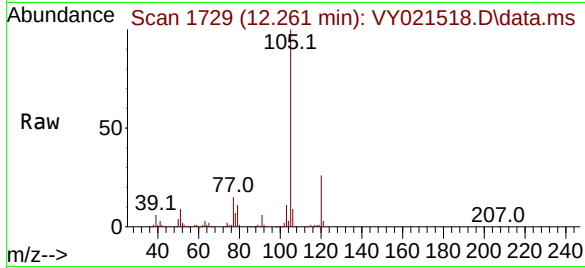




#73
Isopropylbenzene
Concen: 17.019 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

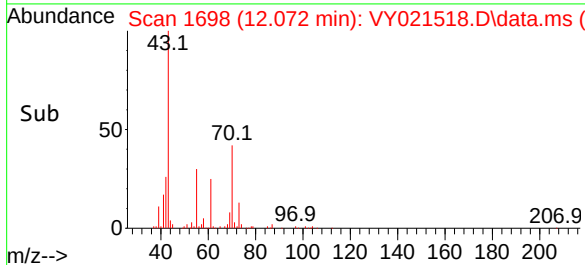
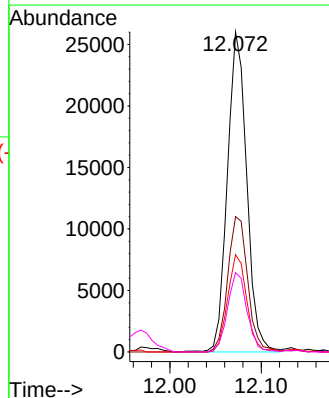
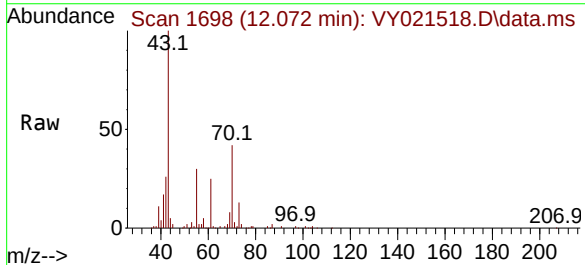
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

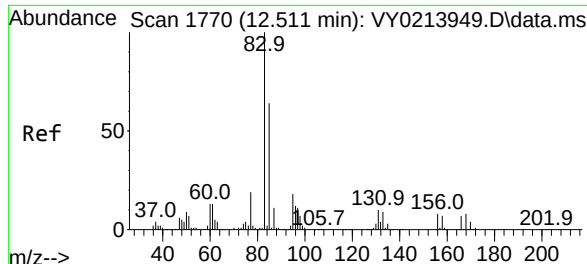
Tgt Ion:105 Resp: 195319
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 15.386 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 43 Resp: 38348
Ion Ratio Lower Upper
43 100
70 43.7 34.6 51.8
55 30.0 21.1 31.7
61 24.9 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.189 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

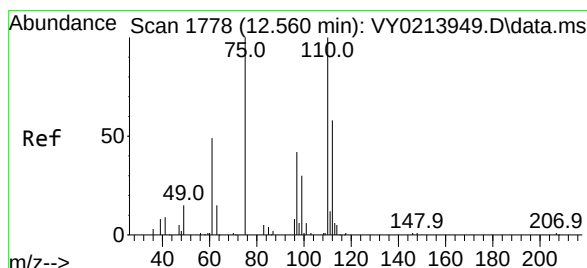
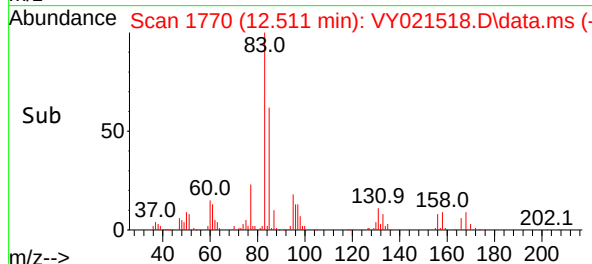
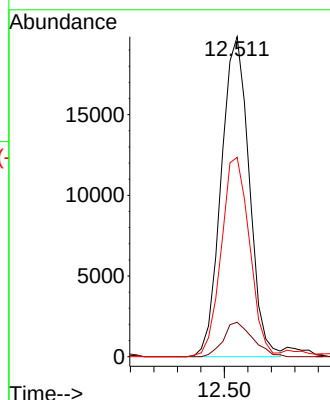
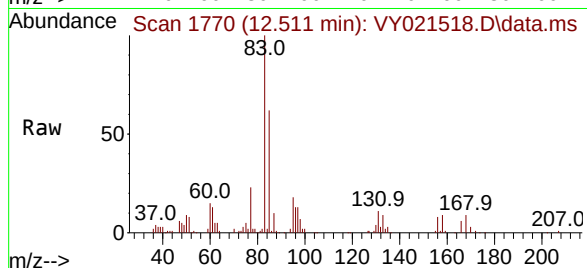
Tgt Ion: 83 Resp: 32786

Ion Ratio Lower Upper

83 100

131 11.3 5.3 16.1

85 63.1 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 19.003 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY021518.D

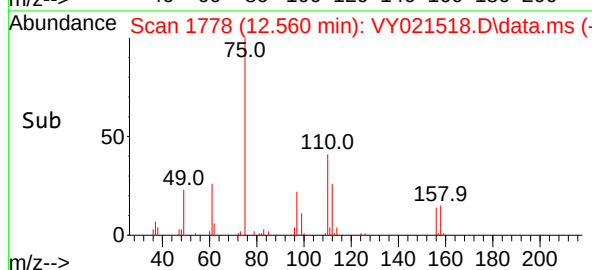
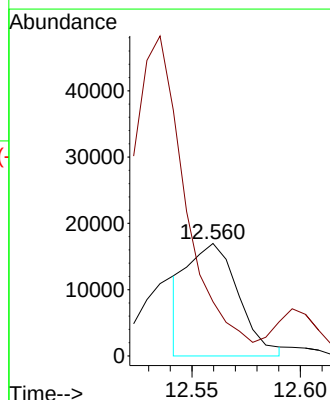
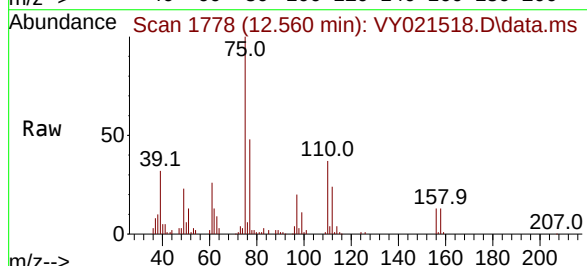
Acq: 13 Mar 2025 12:13

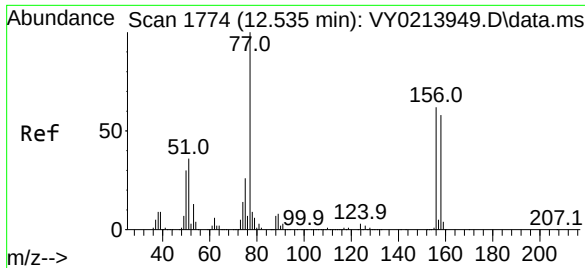
Tgt Ion: 75 Resp: 27898

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 16.885 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

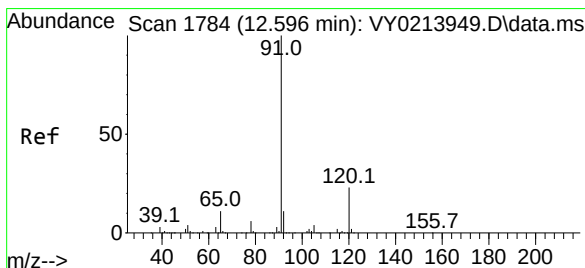
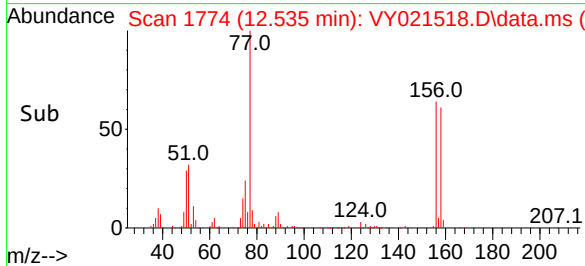
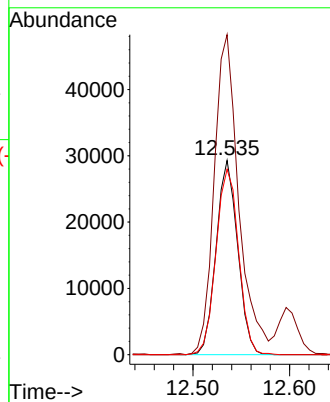
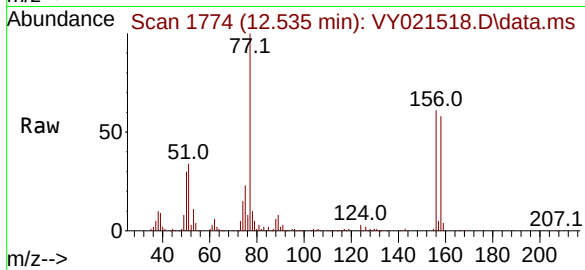
Tgt Ion:156 Resp: 45334

Ion Ratio Lower Upper

156 100

77 187.7 93.6 280.8

158 100.3 48.3 144.8



#78

n-propylbenzene

Concen: 17.394 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY021518.D

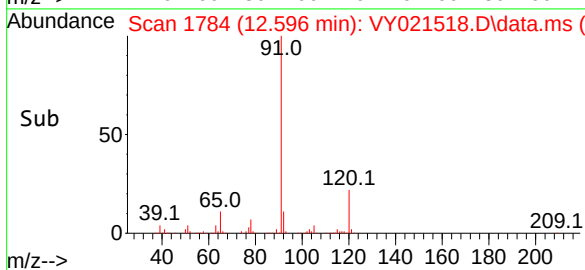
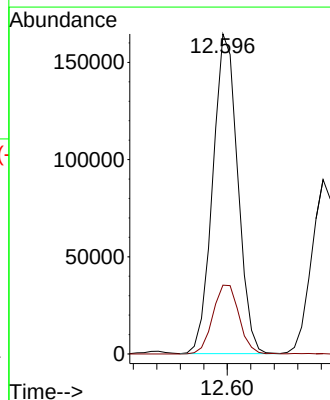
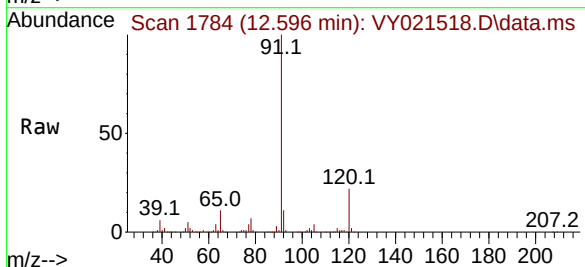
Acq: 13 Mar 2025 12:13

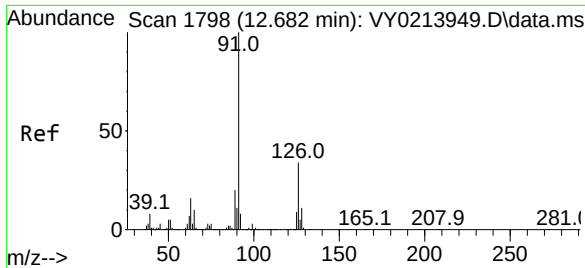
Tgt Ion: 91 Resp: 242434

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 17.336 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

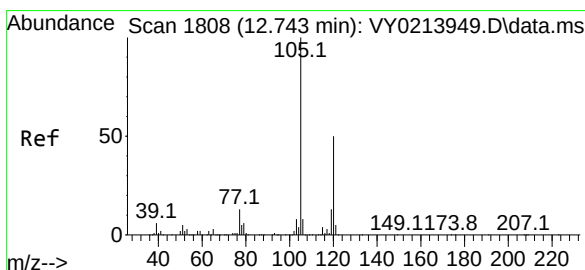
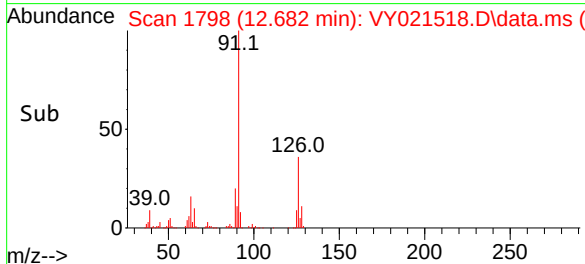
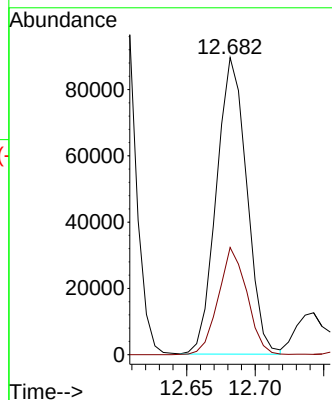
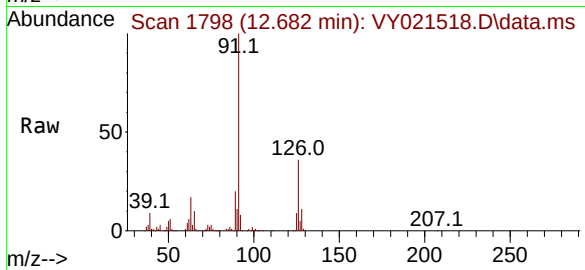
VY0313SBS01

Tgt Ion: 91 Resp: 138155

Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 17.458 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY021518.D

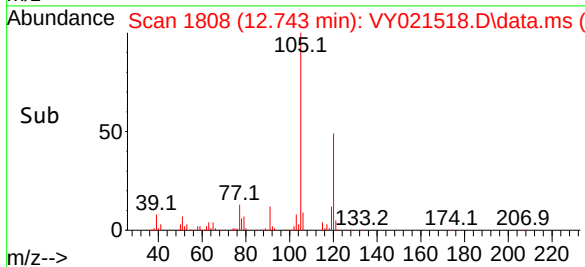
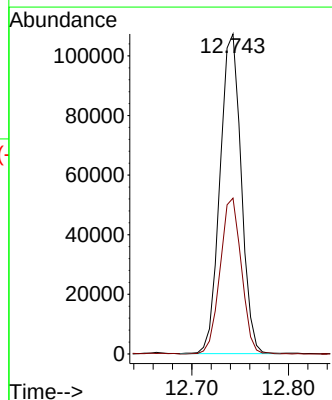
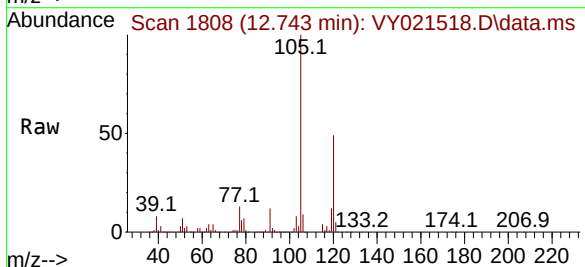
Acq: 13 Mar 2025 12:13

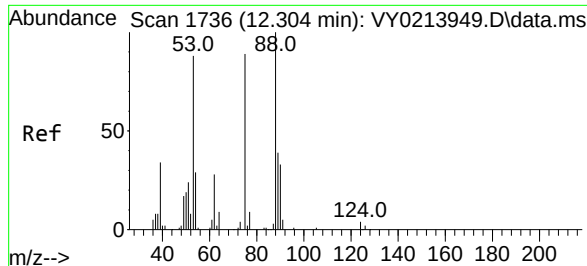
Tgt Ion: 105 Resp: 162818

Ion Ratio Lower Upper

105 100

120 49.0 24.6 73.6

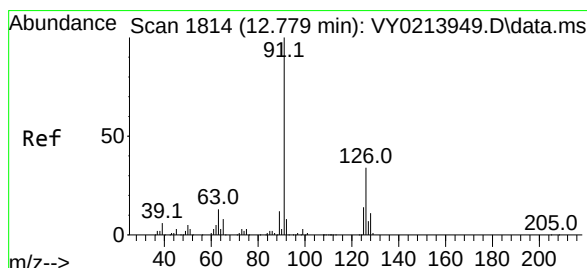
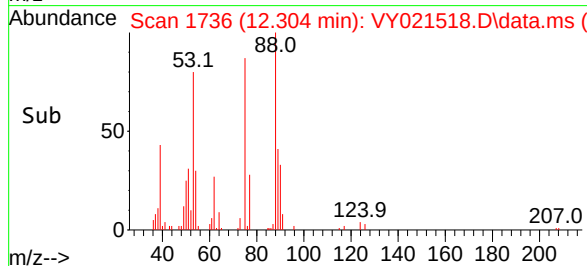
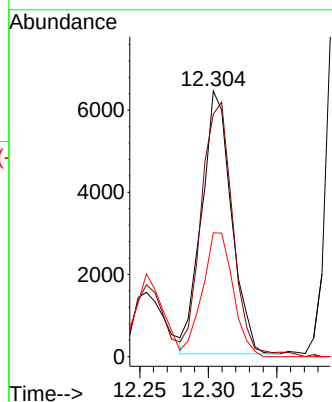
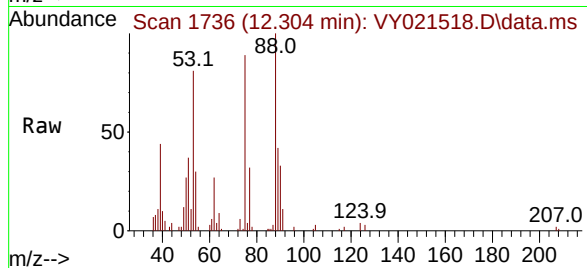




#81
trans-1,4-Dichloro-2-butene
Concen: 14.963 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

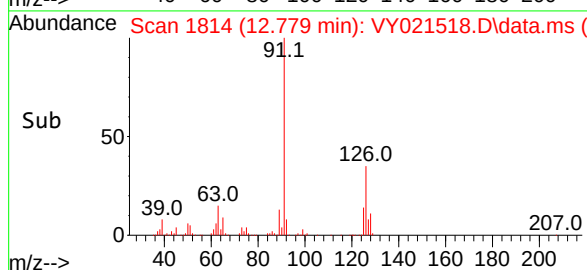
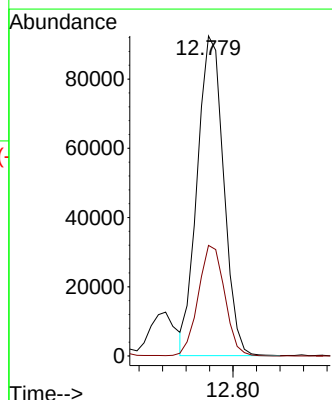
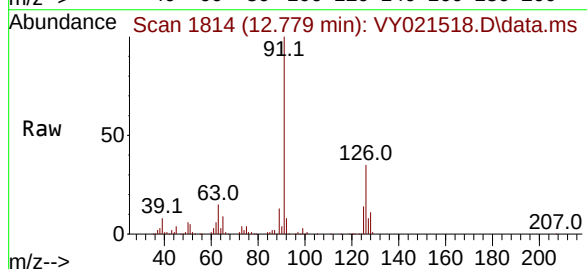
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

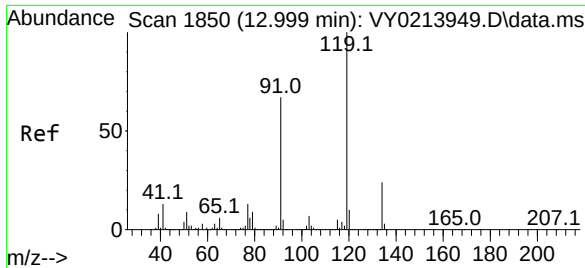
Tgt Ion: 75 Resp: 9663
Ion Ratio Lower Upper
75 100
53 102.7 81.0 121.4
89 48.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 17.439 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion: 91 Resp: 143919
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0





#83

tert-Butylbenzene

Concen: 17.461 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

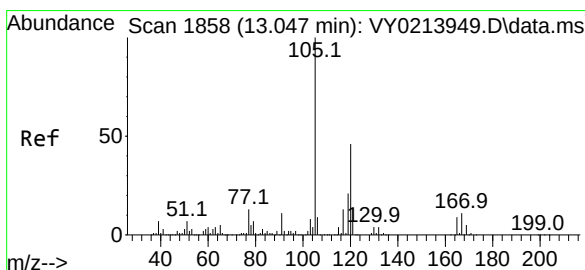
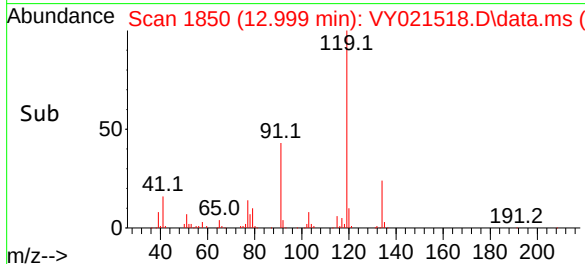
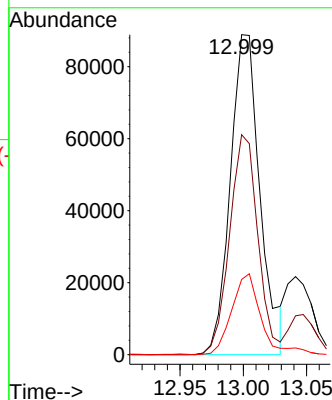
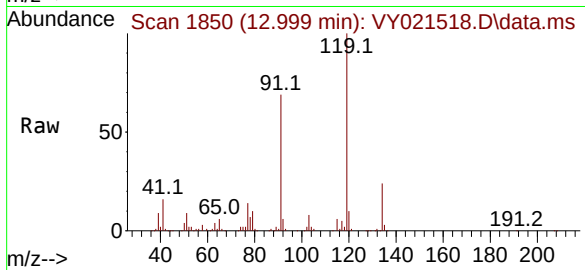
Tgt Ion:119 Resp: 145270

Ion Ratio Lower Upper

119 100

91 65.7 33.2 99.6

134 25.1 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 17.617 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021518.D

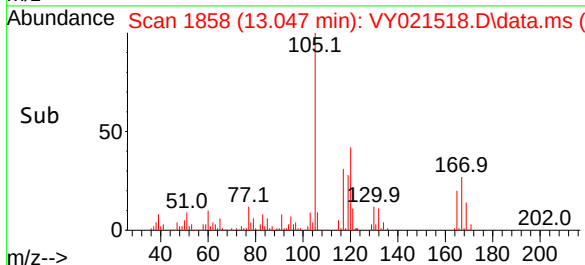
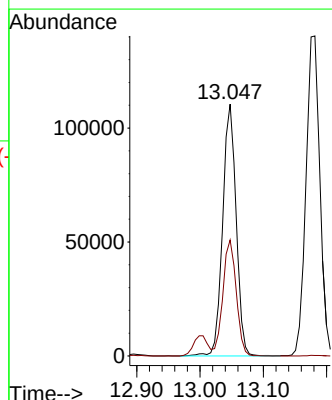
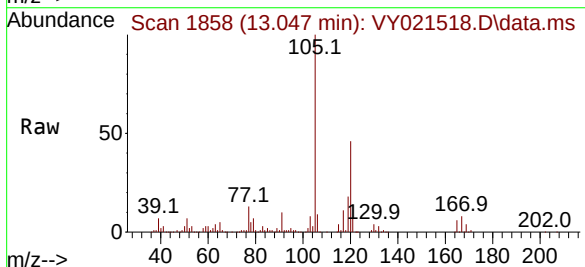
Acq: 13 Mar 2025 12:13

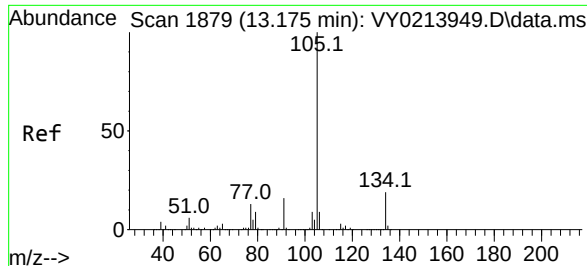
Tgt Ion:105 Resp: 163133

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 17.213 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

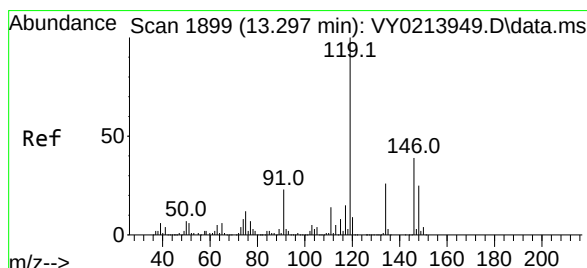
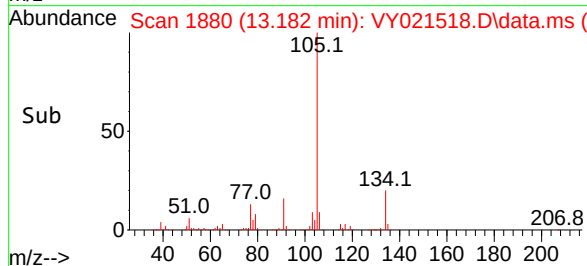
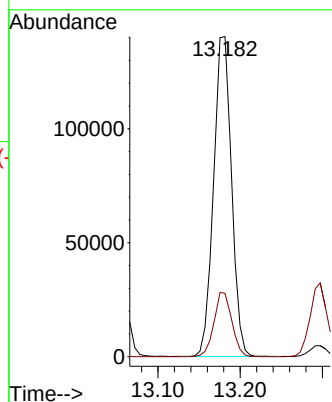
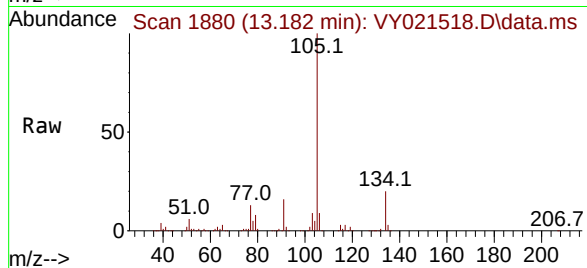
VY0313SBS01

Tgt Ion:105 Resp: 213082

Ion Ratio Lower Upper

105 100

134 20.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 17.355 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

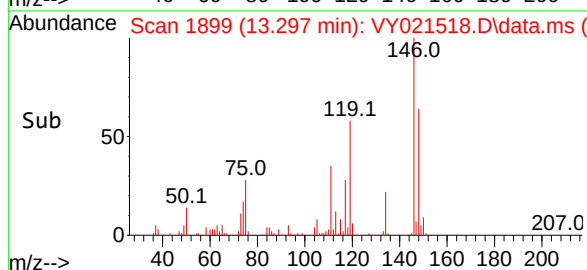
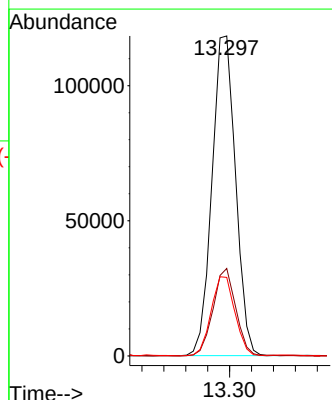
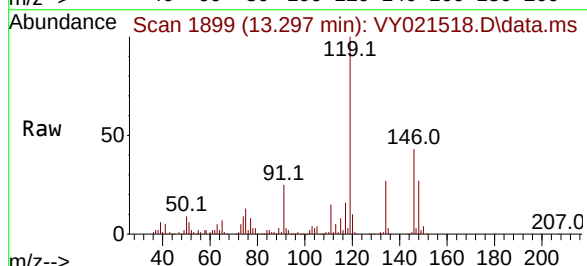
Tgt Ion:119 Resp: 176994

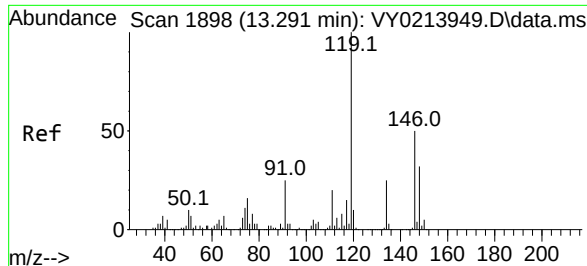
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 24.9 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 17.359 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

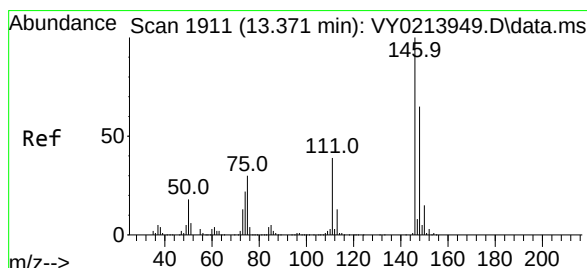
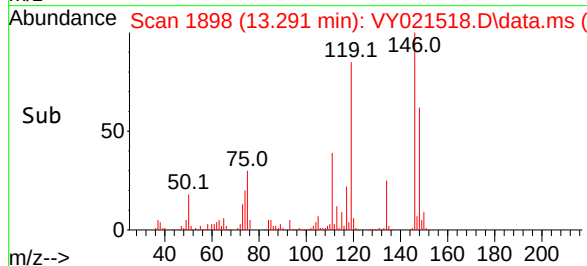
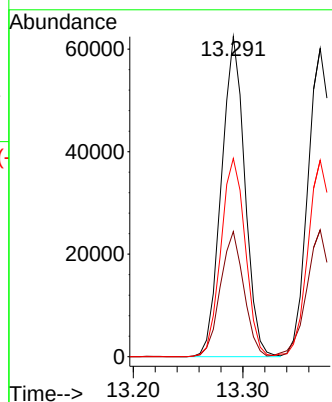
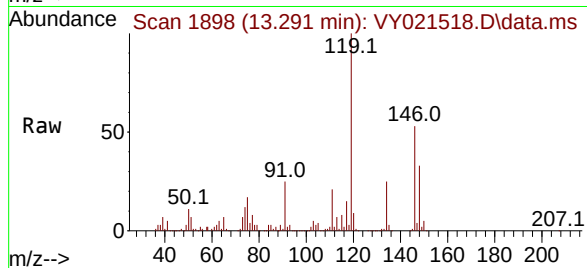
Tgt Ion:146 Resp: 92773

Ion Ratio Lower Upper

146 100

111 39.1 20.0 60.0

148 64.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 17.653 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

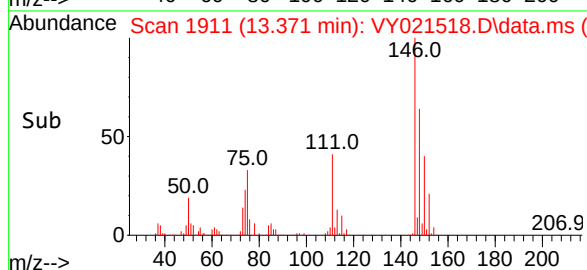
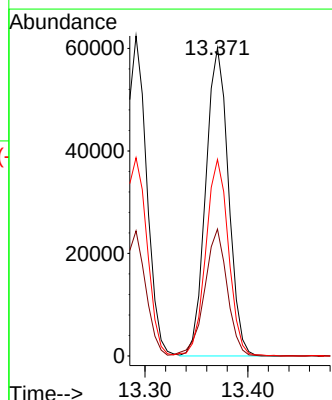
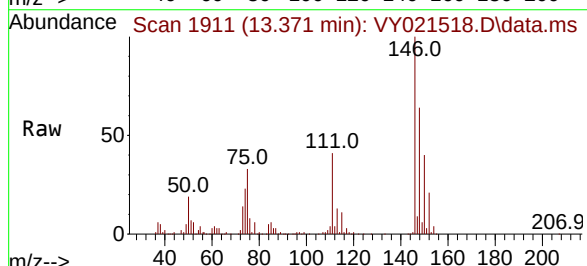
Tgt Ion:146 Resp: 92265

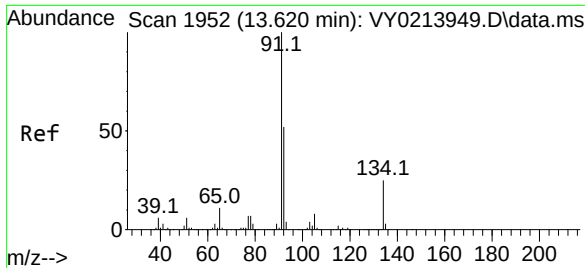
Ion Ratio Lower Upper

146 100

111 41.0 19.6 58.8

148 63.8 32.3 96.8

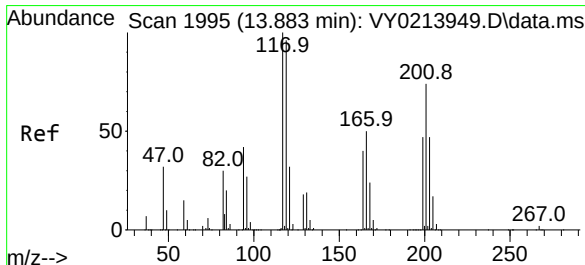
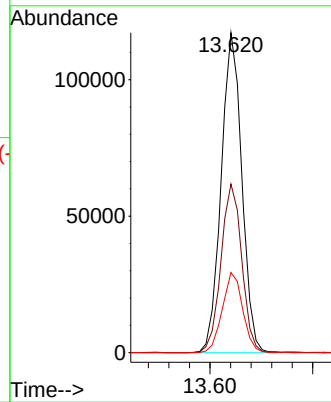
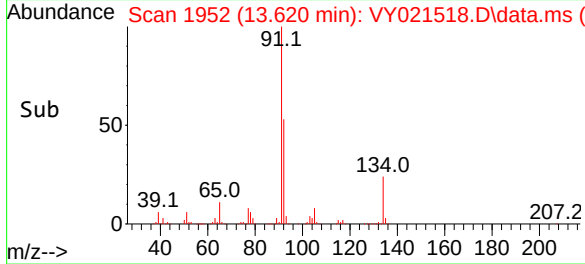
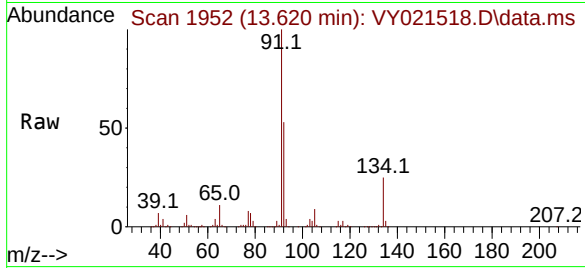




#89
n-Butylbenzene
Concen: 17.331 ug/l
RT: 13.620 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

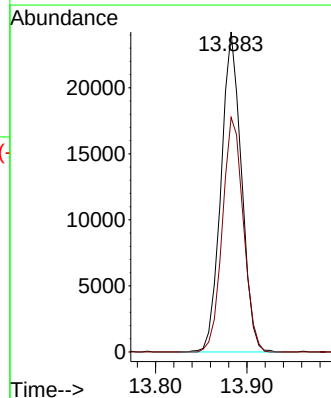
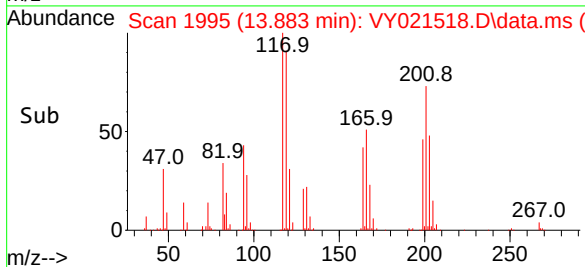
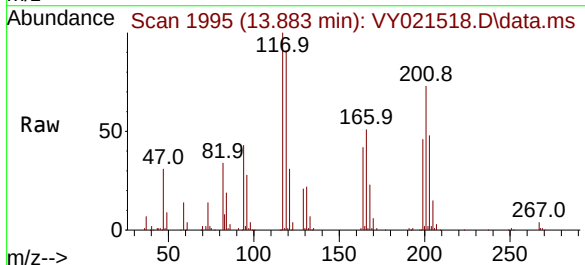
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

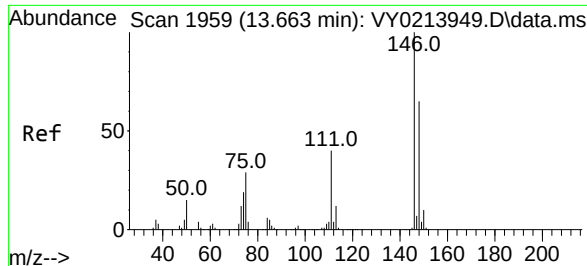
Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.1	78.3
134	24.8	12.6	37.8



#90
Hexachloroethane
Concen: 17.299 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY021518.D
Acq: 13 Mar 2025 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.1	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 17.546 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

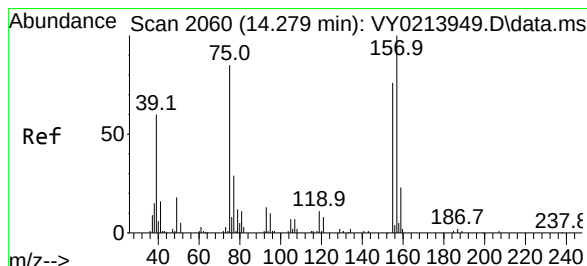
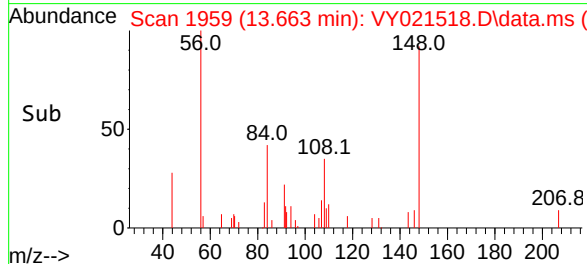
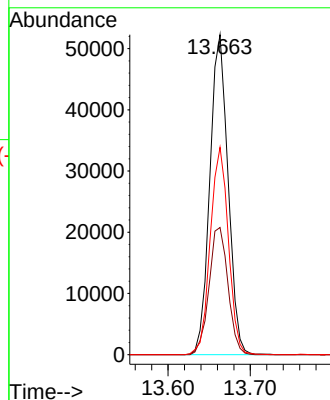
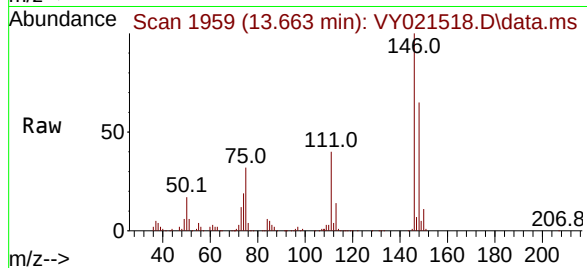
Tgt Ion:146 Resp: 80371

Ion Ratio Lower Upper

146 100

111 41.4 20.7 62.1

148 64.6 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.810 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

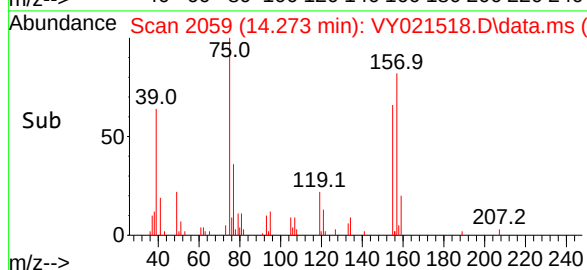
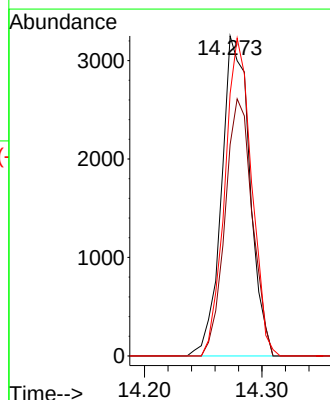
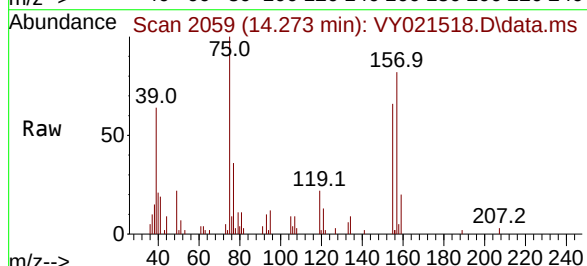
Tgt Ion: 75 Resp: 5403

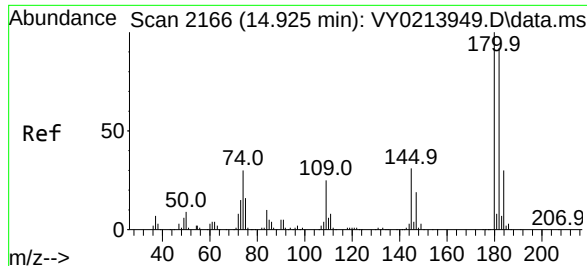
Ion Ratio Lower Upper

75 100

155 78.0 43.5 130.5

157 94.5 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 16.444 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

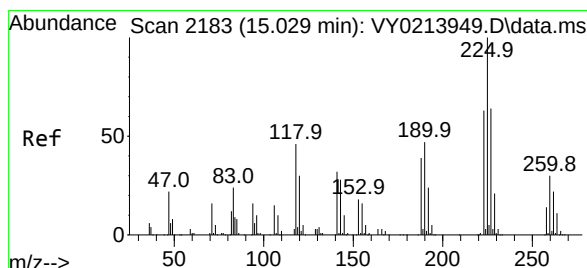
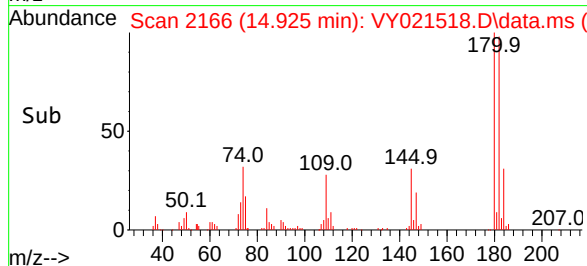
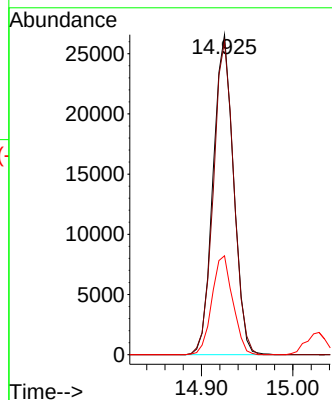
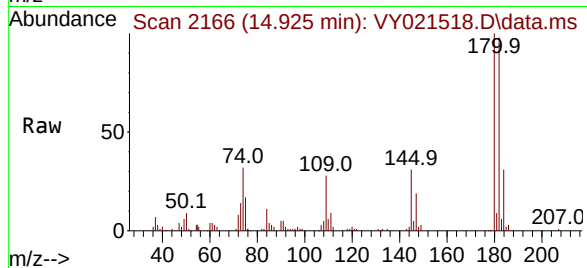
Tgt Ion:180 Resp: 41142

Ion Ratio Lower Upper

180 100

182 97.8 46.7 140.0

145 31.6 15.6 46.8



#94

Hexachlorobutadiene

Concen: 17.906 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

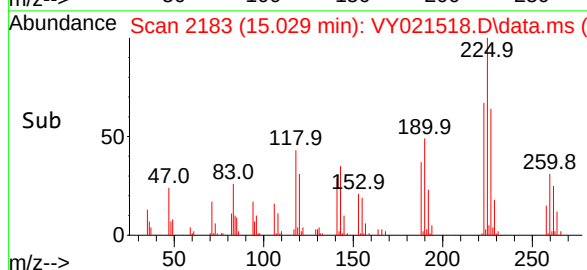
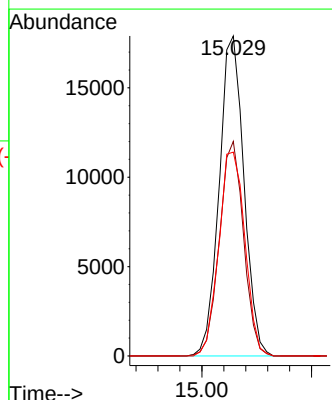
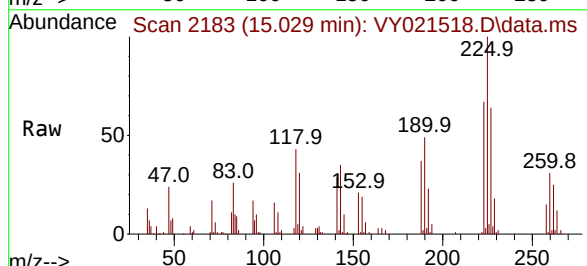
Tgt Ion:225 Resp: 28082

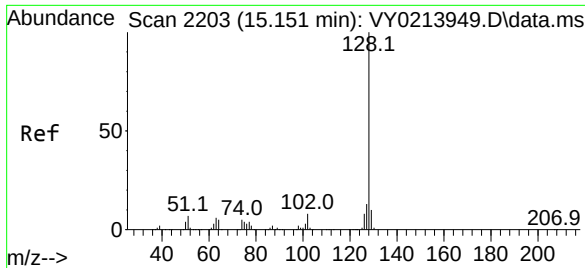
Ion Ratio Lower Upper

225 100

223 65.6 31.4 94.2

227 67.2 31.8 95.4





#95

Naphthalene

Concen: 16.138 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

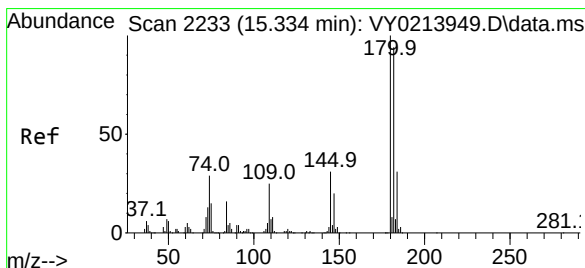
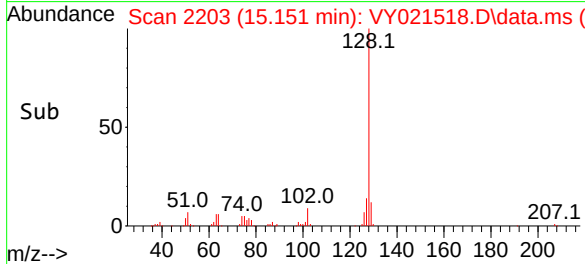
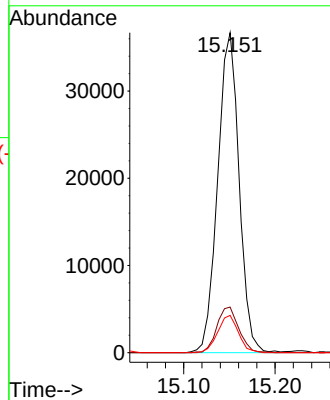
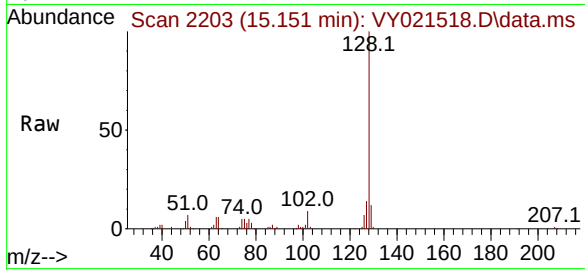
Tgt Ion:128 Resp: 59736

Ion Ratio Lower Upper

128 100

127 14.6 10.6 15.8

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.687 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021518.D

Acq: 13 Mar 2025 12:13

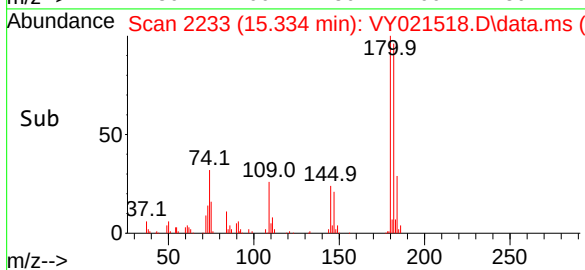
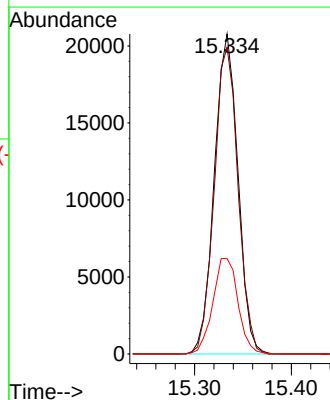
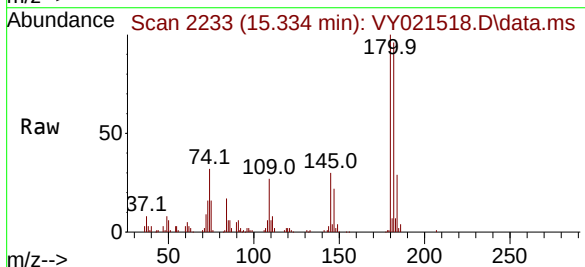
Tgt Ion:180 Resp: 35113

Ion Ratio Lower Upper

180 100

182 96.7 47.2 141.6

145 31.9 16.4 49.1



Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	248 Union St., Lodi	Date Received:	
Client Sample ID:	VY0313SBSD01	SDG No.:	Q1542
Lab Sample ID:	VY0313SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% 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
VY021519.D	1		03/13/25 12:35	Vy031325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.8		1.10	5.00	ug/Kg
74-87-3	Chloromethane	22.8		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	23.5		0.79	5.00	ug/Kg
74-83-9	Bromomethane	22.7		1.10	5.00	ug/Kg
75-00-3	Chloroethane	25.1		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	23.2		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.9		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.7		1.00	5.00	ug/Kg
67-64-1	Acetone	160		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.1		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.1		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	23.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	22.3		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	22.5		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.9		0.79	5.00	ug/Kg
78-93-3	2-Butanone	140		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.3		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.4		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.8		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.1		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.0		0.91	5.00	ug/Kg
71-43-2	Benzene	22.2		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.4		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	120		3.60	25.0	ug/Kg
108-88-3	Toluene	22.2		0.78	5.00	ug/Kg

Report of Analysis

Client:	Sciaccia General Contractors, LLC		Date Collected:	
Project:	248 Union St., Lodi		Date Received:	
Client Sample ID:	VY0313SBSD01		SDG No.:	Q1542
Lab Sample ID:	VY0313SBSD01		Matrix:	SOIL
Analytical Method:	SW8260		% 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
VY021519.D	1		03/13/25 12:35	Vy031325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	22.2		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	22.3		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	22.4		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	130		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	22.7		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	22.3		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	25.9		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.8		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	21.3		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	43.5		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.3		0.82	5.00	ug/Kg
100-42-5	Styrene	22.1		0.71	5.00	ug/Kg
75-25-2	Bromoform	22.4		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	21.1		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.3		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.3		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	22.0		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.6		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	21.0		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.5		70 (63) - 130 (155)	117%	SPK: 50
1868-53-7	Dibromofluoromethane	57.6		70 (70) - 130 (134)	115%	SPK: 50
2037-26-5	Toluene-d8	56.6		70 (74) - 130 (123)	113%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.8		70 (38) - 130 (136)	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	191000	7.707			
540-36-3	1,4-Difluorobenzene	297000	8.616			
3114-55-4	Chlorobenzene-d5	262000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	137000	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:	248 Union St., Lodi		Date Received:	
Client Sample ID:	VY0313SBSD01		SDG No.:	Q1542
Lab Sample ID:	VY0313SBSD01		Matrix:	SOIL
Analytical Method:	SW8260		% 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
VY021519.D	1		03/13/25 12:35	Vy031325

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\VY031325\
 Data File : VY021519.D
 Acq On : 13 Mar 2025 12:35
 Operator : SY/MD
 Sample : VY0313SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

Quant Time: Mar 14 14:55:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	190559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	296797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	261921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	136724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	117900	58.538	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.080%	
35) Dibromofluoromethane	7.634	113	112323	57.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.160%	
50) Toluene-d8	10.103	98	418231	56.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.240%	
62) 4-Bromofluorobenzene	12.408	95	142626	56.763	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	36423	20.829	ug/l	98
3) Chloromethane	2.068	50	56318	22.843	ug/l	97
4) Vinyl Chloride	2.202	62	63219	23.465	ug/l	92
5) Bromomethane	2.586	94	44145	22.671	ug/l	91
6) Chloroethane	2.732	64	44625	25.064	ug/l	95
7) Trichlorofluoromethane	3.056	101	87425	23.248	ug/l	100
8) Diethyl Ether	3.452	74	23058	22.125	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	46929	21.858	ug/l	99
10) Methyl Iodide	4.000	142	47350	21.696	ug/l	99
11) Tert butyl alcohol	4.860	59	16737	115.706	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	42503	21.713	ug/l	98
13) Acrolein	3.653	56	13661	133.350	ug/l	90
14) Allyl chloride	4.378	41	68559	21.673	ug/l	99
15) Acrylonitrile	5.055	53	51995	117.203	ug/l	99
16) Acetone	3.866	43	70052	159.466	ug/l	90
17) Carbon Disulfide	4.104	76	123271	20.095	ug/l	100
18) Methyl Acetate	4.385	43	23067	23.666	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	109622	22.095	ug/l	100
20) Methylene Chloride	4.616	84	51375	22.279	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	46736	21.319	ug/l	94
22) Diisopropyl ether	6.012	45	153673	22.542	ug/l	97
23) Vinyl Acetate	5.957	43	439561	112.978	ug/l	100
24) 1,1-Dichloroethane	5.915	63	90637	22.527	ug/l	99
25) 2-Butanone	6.890	43	84139	138.461	ug/l	99
26) 2,2-Dichloropropane	6.884	77	80902	21.853	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	55653	22.347	ug/l	97
28) Bromochloromethane	7.244	49	36016	21.351	ug/l	100
29) Tetrahydrofuran	7.268	42	42392	113.001	ug/l	99
30) Chloroform	7.421	83	95199	22.786	ug/l	97
31) Cyclohexane	7.701	56	75202	19.936	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	84541	22.099	ug/l	99
36) 1,1-Dichloropropene	7.835	75	66073	21.637	ug/l	99
37) Ethyl Acetate	6.982	43	29885	22.142	ug/l	99
38) Carbon Tetrachloride	7.817	117	77010	21.927	ug/l	98
39) Methylcyclohexane	9.109	83	74983	20.018	ug/l	99
40) Benzene	8.079	78	199905	22.222	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021519.D
 Acq On : 13 Mar 2025 12:35
 Operator : SY/MD
 Sample : VY0313SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

Quant Time: Mar 14 14:55:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	18863	25.667	ug/l	91
42) 1,2-Dichloroethane	8.152	62	56427	22.422	ug/l	100
43) Isopropyl Acetate	8.195	43	57956	22.119	ug/l #	88
44) Trichloroethene	8.865	130	49691	21.859	ug/l	98
45) 1,2-Dichloropropane	9.140	63	48060	22.448	ug/l	96
46) Dibromomethane	9.231	93	27046	22.704	ug/l	100
47) Bromodichloromethane	9.426	83	72100	22.790	ug/l	99
48) Methyl methacrylate	9.219	41	25741	21.395	ug/l	95
49) 1,4-Dioxane	9.225	88	5610	479.790	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	156868	116.034	ug/l	98
52) Toluene	10.170	92	125931	22.205	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	61853	22.192	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	73940	22.344	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	34897	22.394	ug/l	97
56) Ethyl methacrylate	10.438	69	43123	21.699	ug/l	100
57) 1,3-Dichloropropane	10.719	76	61083	22.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	95805	104.429	ug/l	100
59) 2-Hexanone	10.761	43	117526	131.473	ug/l	99
60) Dibromochloromethane	10.914	129	48455	22.682	ug/l	99
61) 1,2-Dibromoethane	11.011	107	32780	22.289	ug/l	98
64) Tetrachloroethene	10.646	164	55268	25.949	ug/l	98
65) Chlorobenzene	11.444	112	135112	21.845	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	49521	22.646	ug/l	100
67) Ethyl Benzene	11.517	91	231563	21.330	ug/l	99
68) m/p-Xylenes	11.627	106	179430	43.535	ug/l	99
69) o-Xylene	11.956	106	80992	21.322	ug/l	97
70) Styrene	11.969	104	139214	22.092	ug/l	99
71) Bromoform	12.133	173	27403	22.417	ug/l #	96
73) Isopropylbenzene	12.255	105	222480	20.657	ug/l	99
74) N-amyl acetate	12.072	43	50548	21.611	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40133	21.116	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	30033m	21.799	ug/l	
77) Bromobenzene	12.529	156	53044	21.052	ug/l	99
78) n-propylbenzene	12.597	91	275313	21.048	ug/l	100
79) 2-Chlorotoluene	12.682	91	156999	20.992	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	183562	20.973	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12537	20.686	ug/l	97
82) 4-Chlorotoluene	12.779	91	163390	21.097	ug/l	99
83) tert-Butylbenzene	12.999	119	161590	20.695	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	184821	21.268	ug/l	98
85) sec-Butylbenzene	13.176	105	244106	21.012	ug/l	99
86) p-Isopropyltoluene	13.291	119	198668	20.758	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	106797	21.293	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	104488	21.302	ug/l	99
89) n-Butylbenzene	13.621	91	185284	20.965	ug/l	100
90) Hexachloroethane	13.877	117	43334	21.224	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	94479	21.978	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6010	21.110	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	50644	21.569	ug/l	99
94) Hexachlorobutadiene	15.023	225	32494	22.077	ug/l	98
95) Naphthalene	15.145	128	78914	21.881	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	41545	21.038	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021519.D
Acq On : 13 Mar 2025 12:35
Operator : SY/MD
Sample : VY0313SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

Quant Time: Mar 14 14:55:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

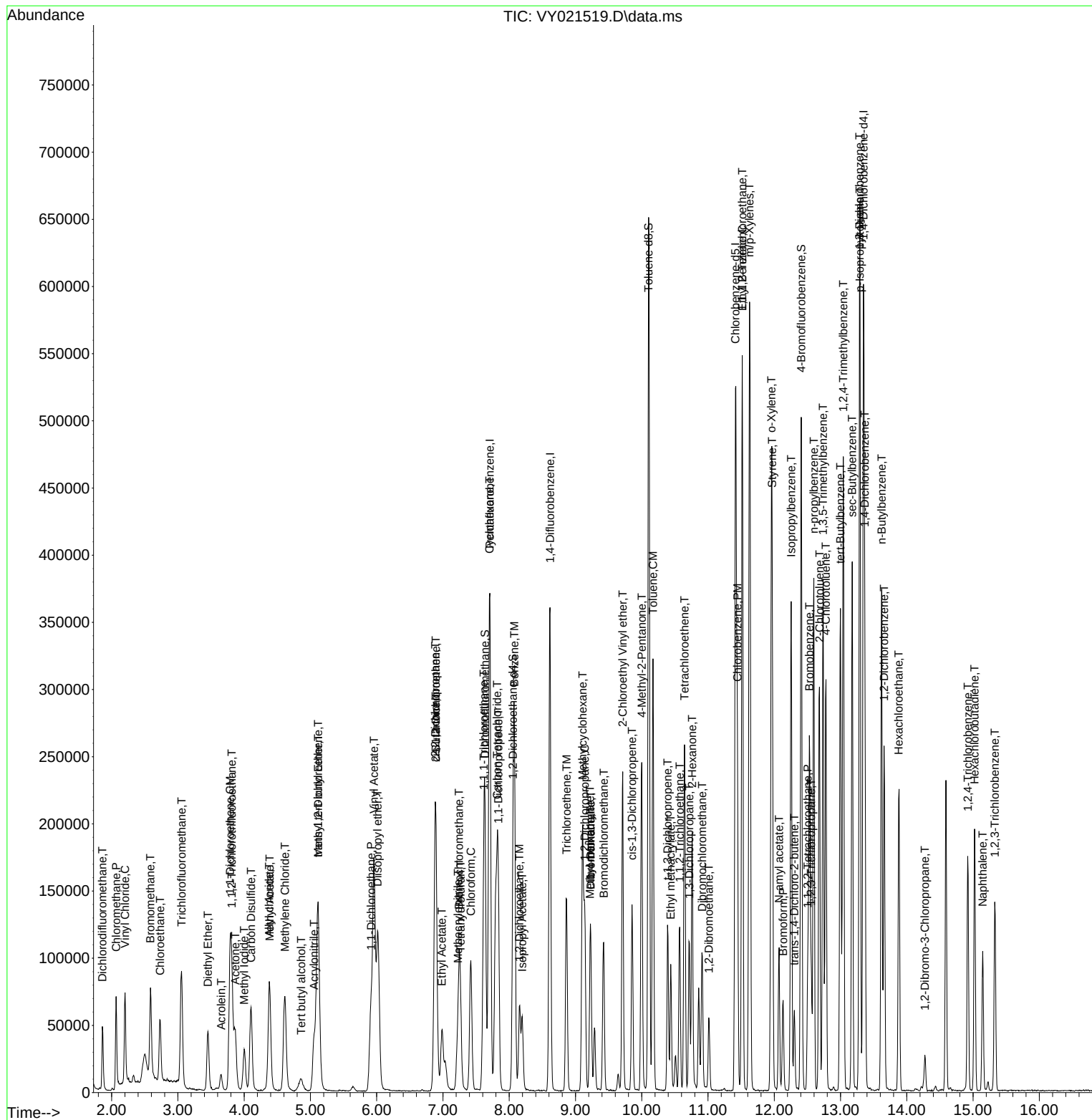
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

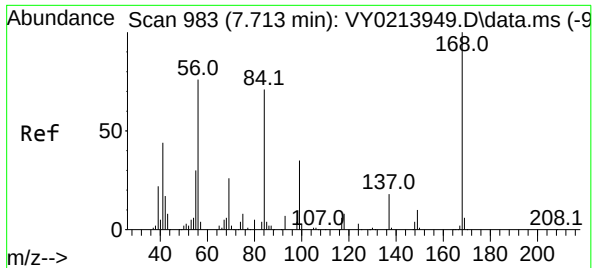
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021519.D
Acq On : 13 Mar 2025 12:35
Operator : SY/MD
Sample : VY0313SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/soil
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

Quant Time: Mar 14 14:55:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

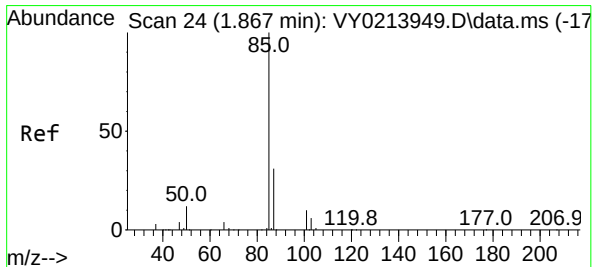
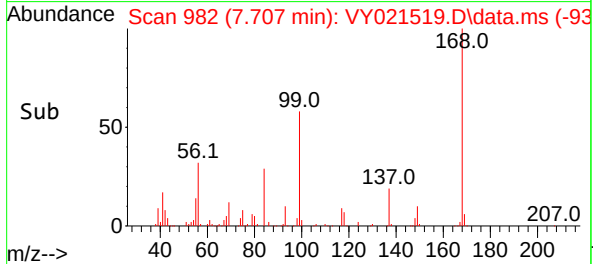
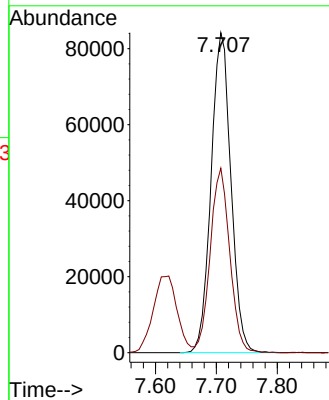
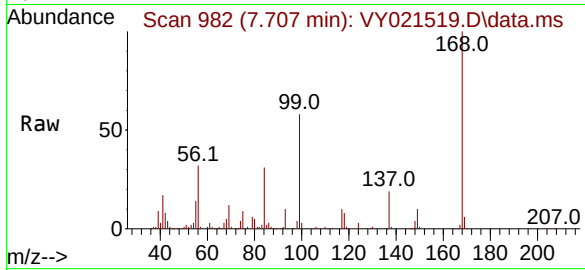




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

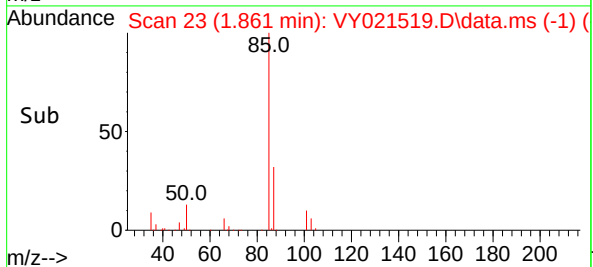
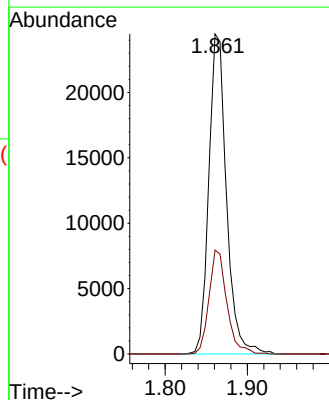
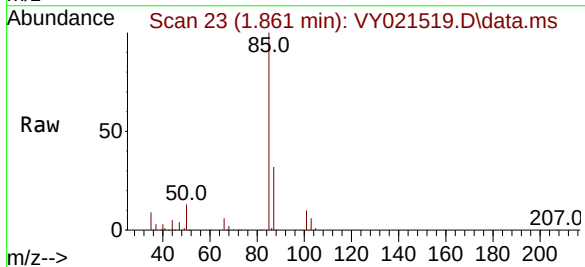
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

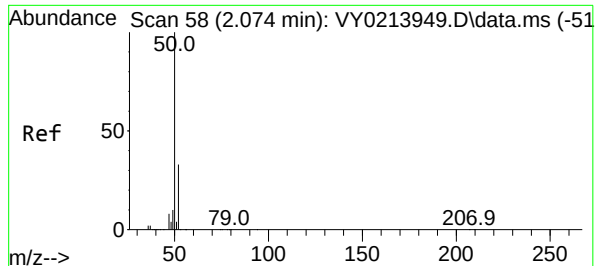
Tgt Ion:168 Resp: 190559
Ion Ratio Lower Upper
168 100
99 57.6 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 20.829 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 85 Resp: 36423
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0

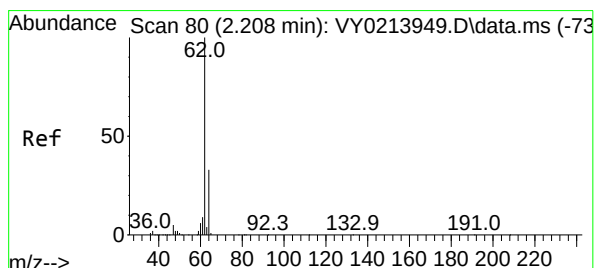
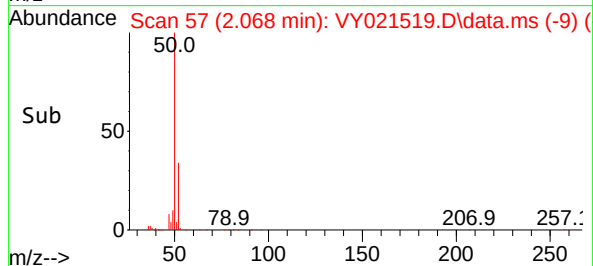
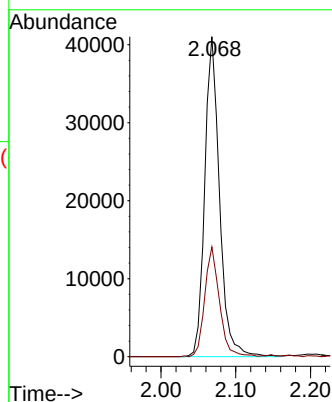
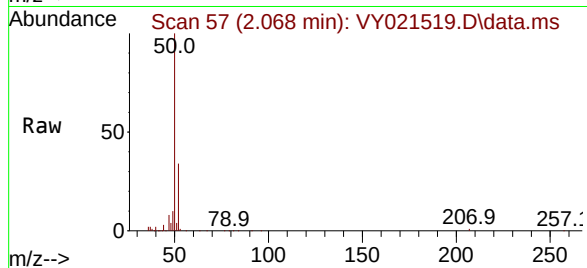




#3
Chloromethane
Concen: 22.843 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

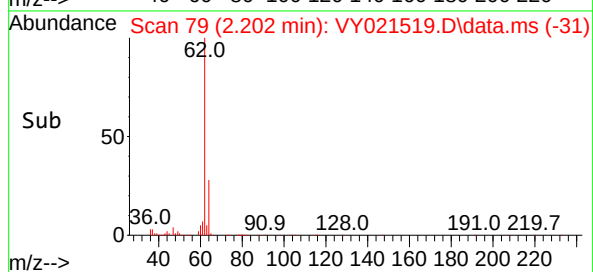
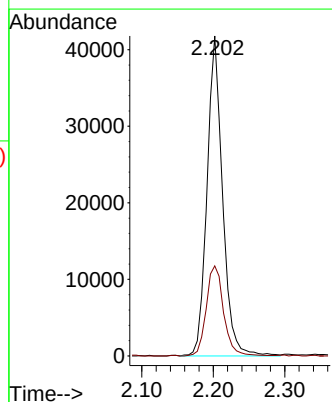
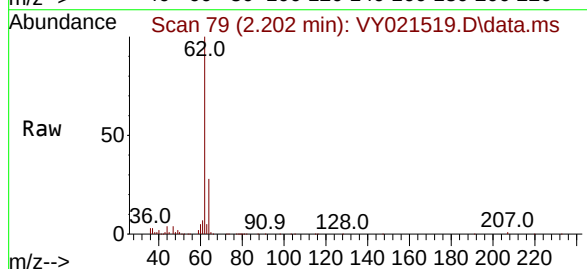
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

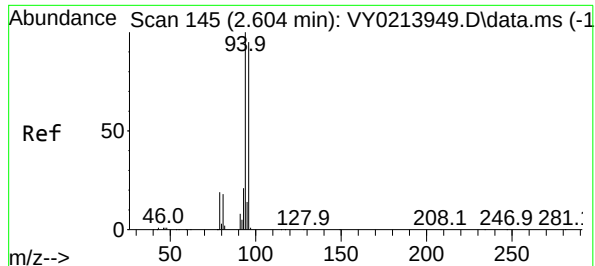
Tgt Ion: 50 Resp: 56318
Ion Ratio Lower Upper
50 100
52 34.3 26.2 39.2



#4
Vinyl Chloride
Concen: 23.465 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 62 Resp: 63219
Ion Ratio Lower Upper
62 100
64 28.1 26.2 39.2

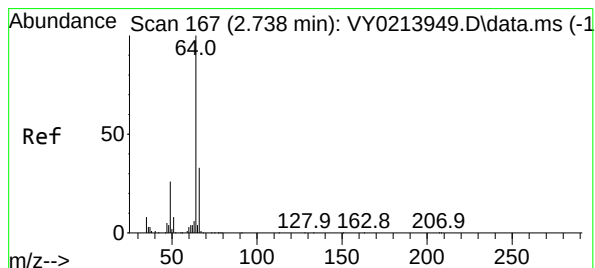
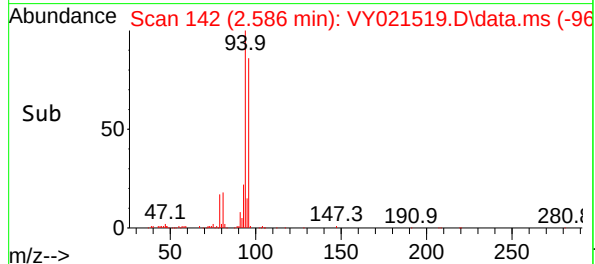
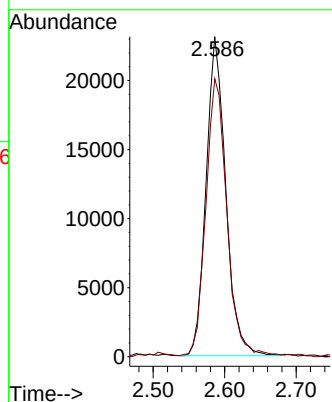
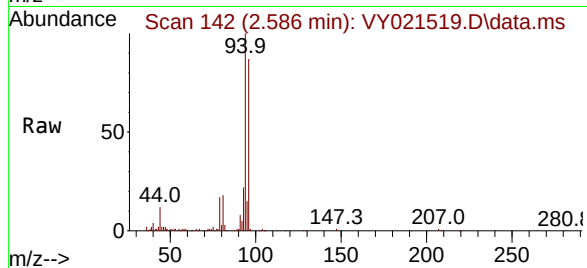




#5
Bromomethane
Concen: 22.671 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

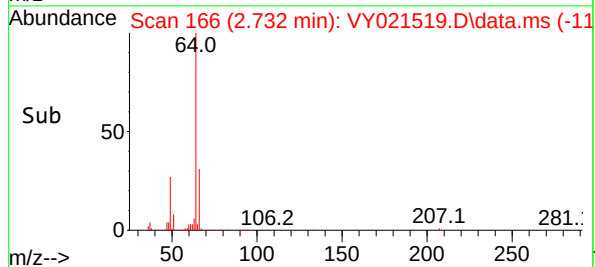
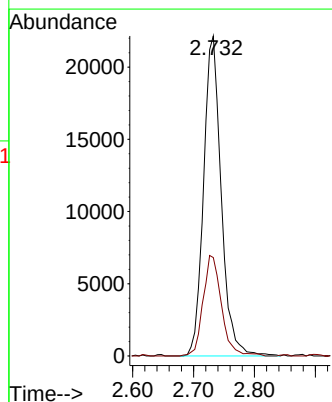
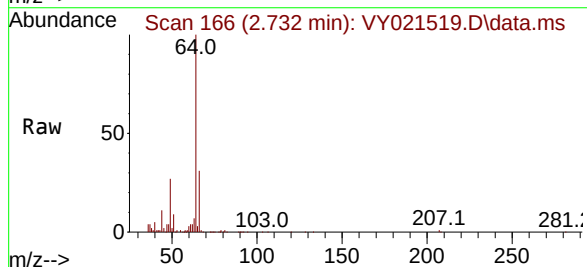
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

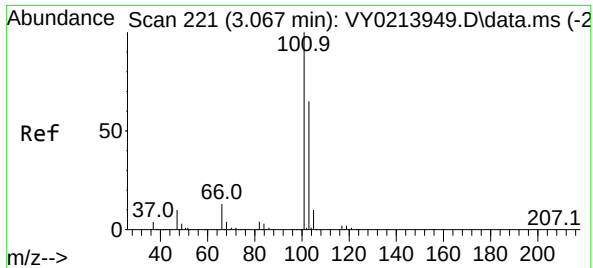
Tgt Ion: 94 Resp: 44145
Ion Ratio Lower Upper
94 100
96 86.7 76.3 114.5



#6
Chloroethane
Concen: 25.064 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 64 Resp: 44625
Ion Ratio Lower Upper
64 100
66 30.8 26.7 40.1

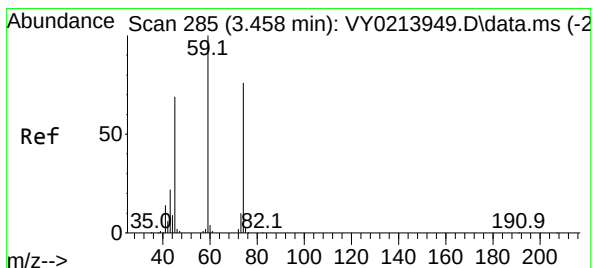
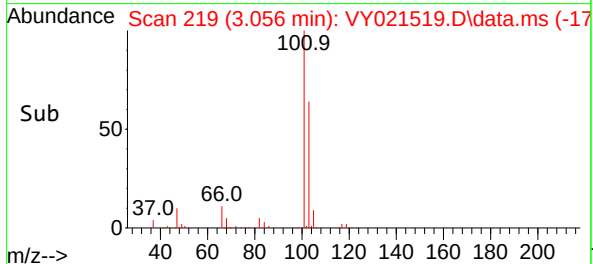
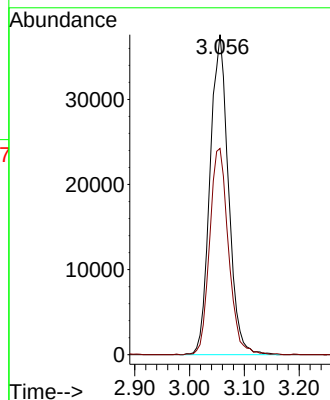
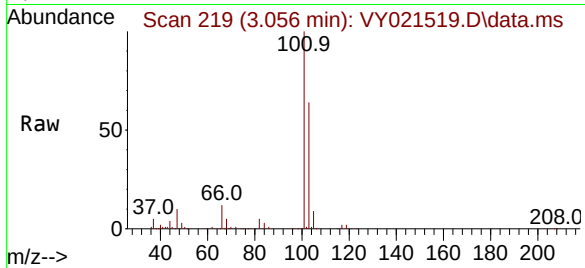




#7
Trichlorofluoromethane
Concen: 23.248 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

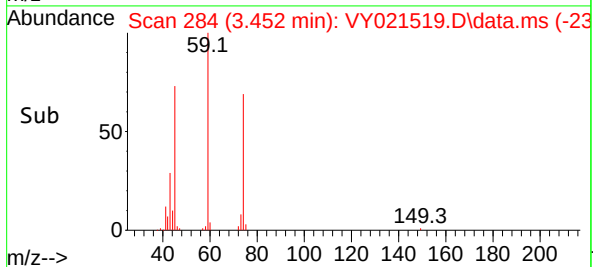
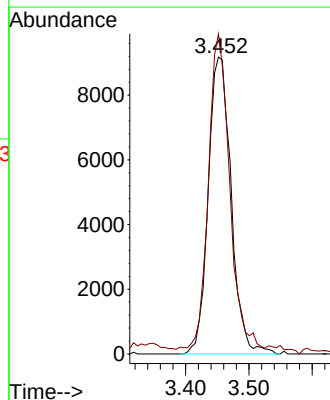
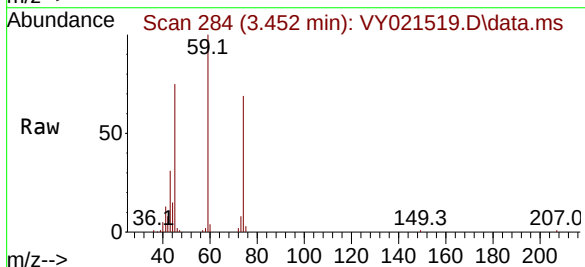
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

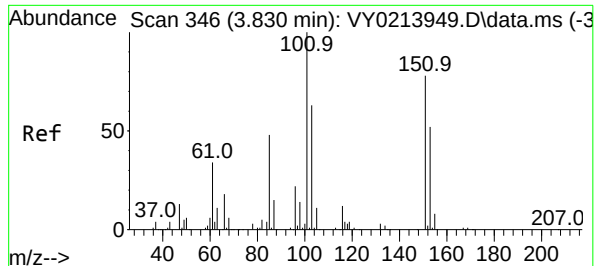
Tgt Ion:101 Resp: 87425
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5



#8
Diethyl Ether
Concen: 22.125 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 74 Resp: 23058
Ion Ratio Lower Upper
74 100
45 98.1 49.7 149.1

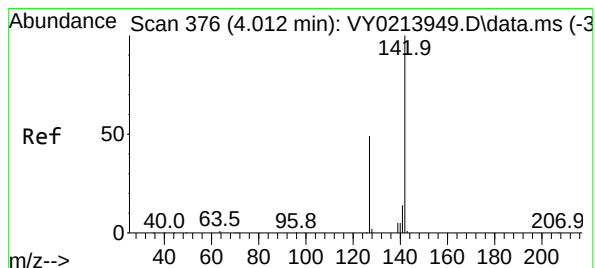
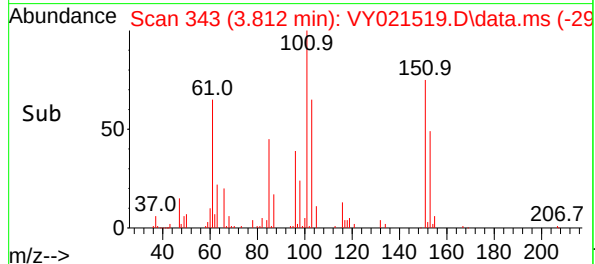
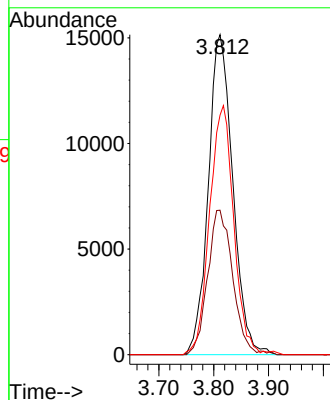
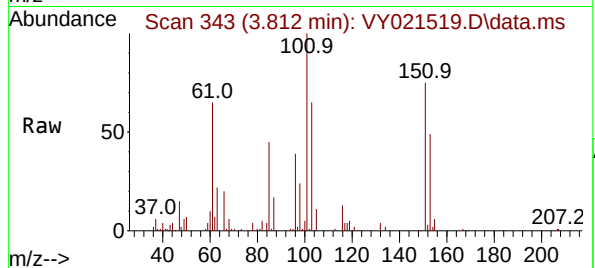




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.858 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

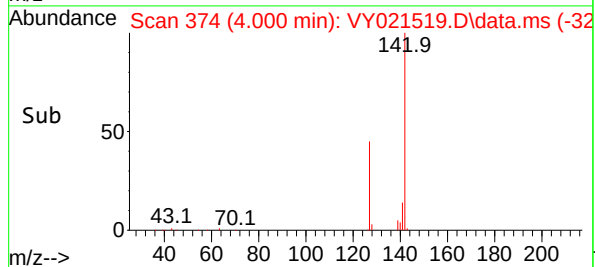
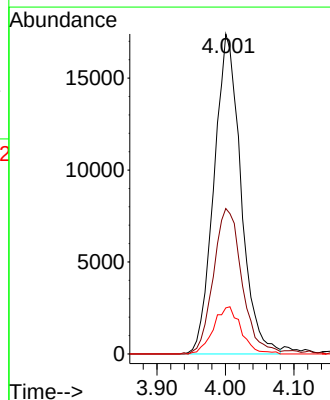
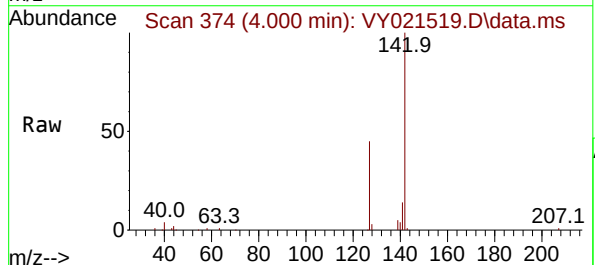
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

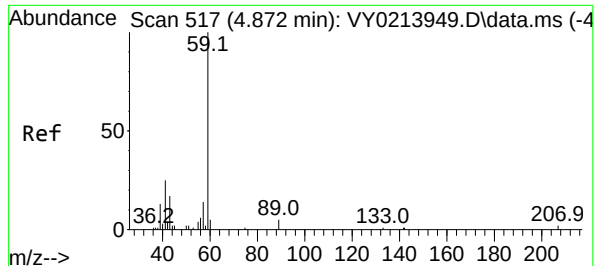
Tgt Ion:101 Resp: 46929
Ion Ratio Lower Upper
101 100
85 46.3 37.1 55.7
151 76.7 62.1 93.1



#10
Methyl Iodide
Concen: 21.696 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion:142 Resp: 47350
Ion Ratio Lower Upper
142 100
127 48.4 39.1 58.7
141 15.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 115.706 ug/l

RT: 4.860 min Scan# 517

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

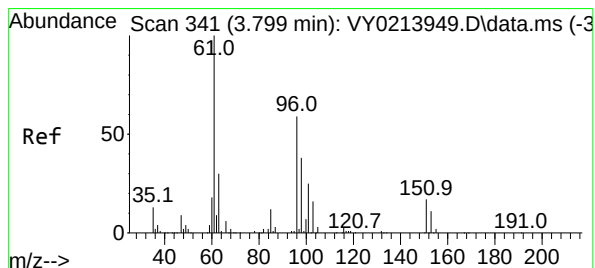
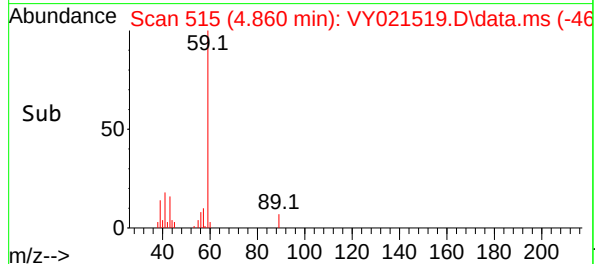
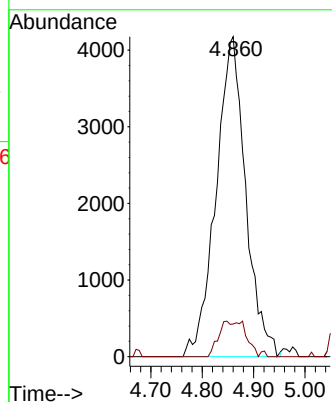
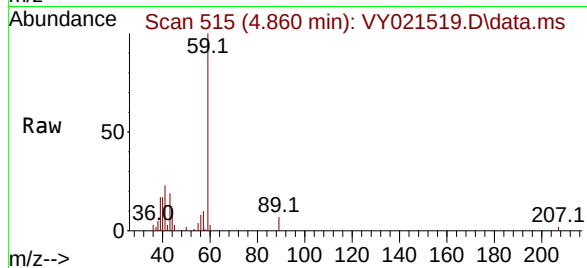
VY0313SBS01

Tgt Ion: 59 Resp: 16737

Ion Ratio Lower Upper

59 100

57 5.6 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 21.713 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

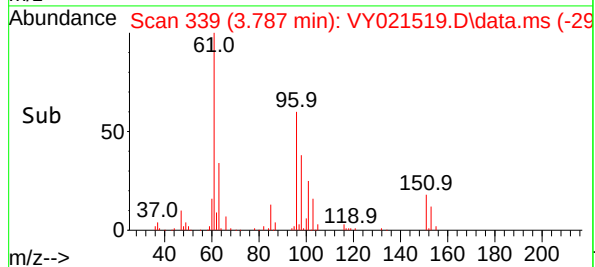
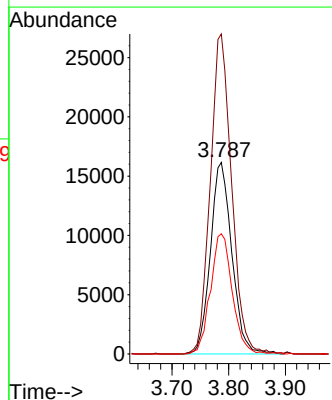
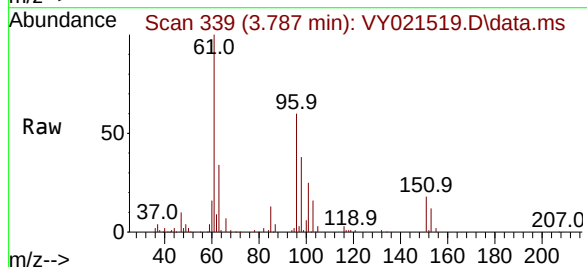
Tgt Ion: 96 Resp: 42503

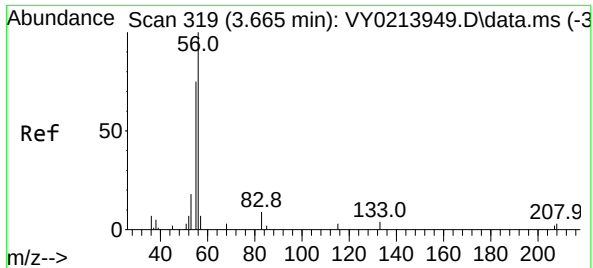
Ion Ratio Lower Upper

96 100

61 167.0 135.2 202.8

98 62.7 51.4 77.2





#13

Acrolein

Concen: 133.350 ug/l

RT: 3.653 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

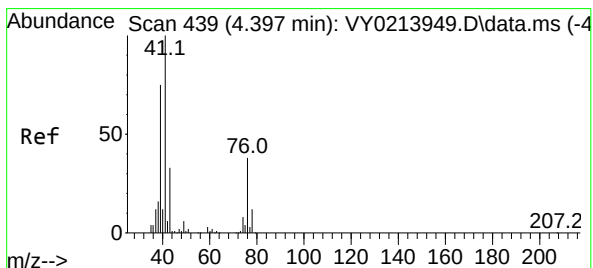
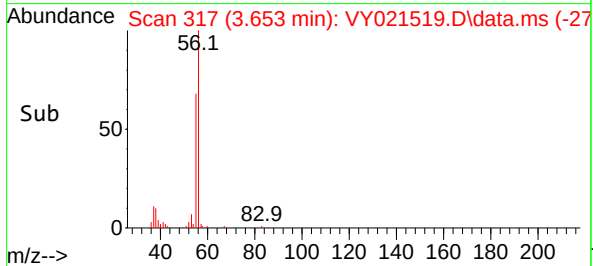
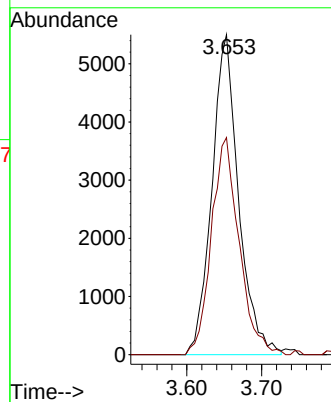
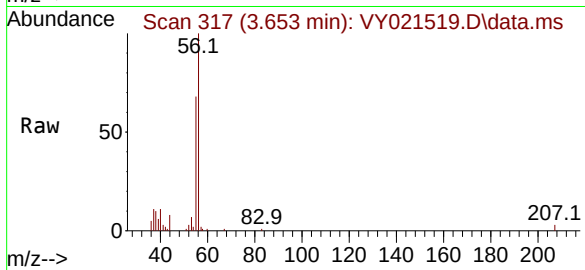
VY0313SBS01

Tgt Ion: 56 Resp: 13661

Ion Ratio Lower Upper

56 100

55 70.4 63.4 95.2



#14

Allyl chloride

Concen: 21.673 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.018 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

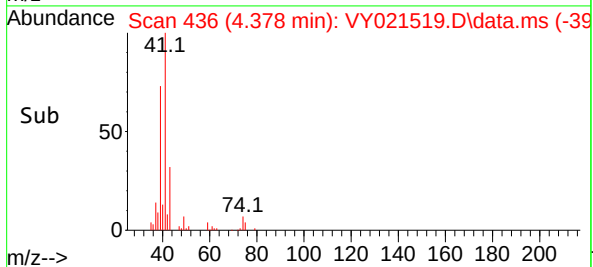
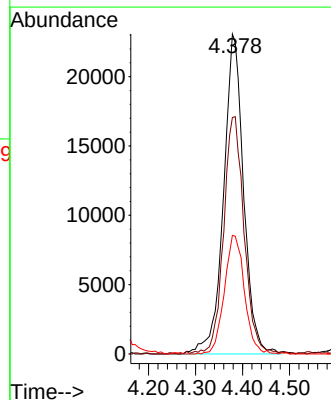
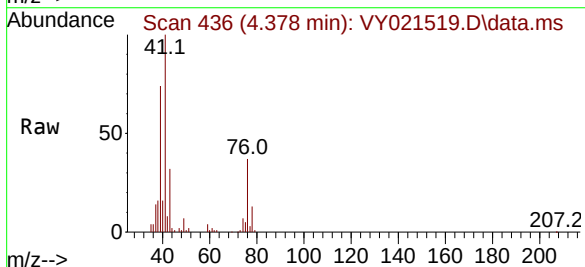
Tgt Ion: 41 Resp: 68559

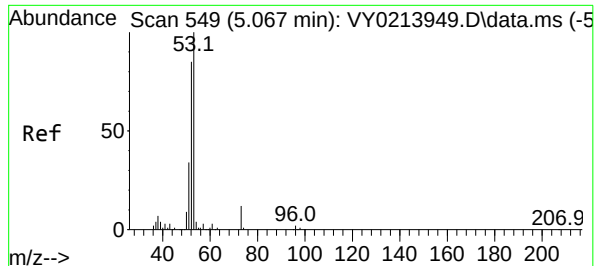
Ion Ratio Lower Upper

41 100

39 75.7 59.3 88.9

76 37.0 29.8 44.8





#15

Acrylonitrile

Concen: 117.203 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

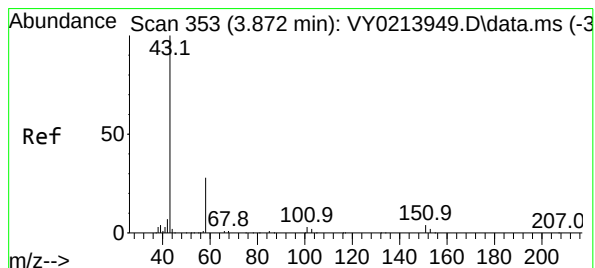
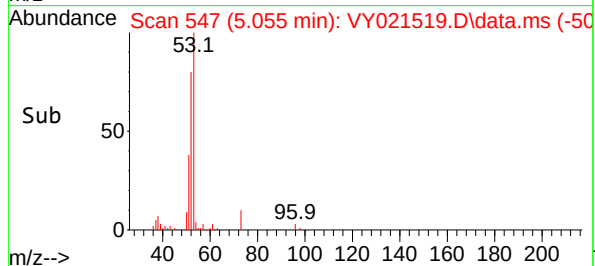
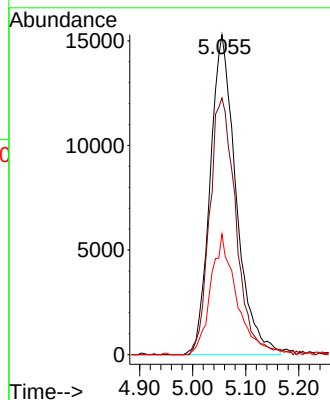
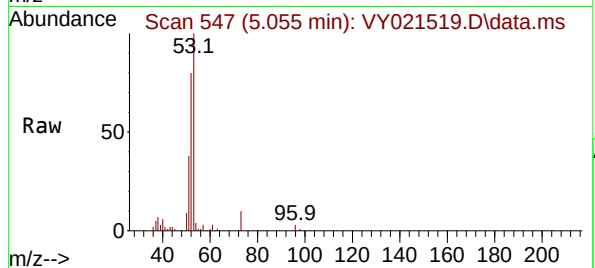
Tgt Ion: 53 Resp: 51995

Ion Ratio Lower Upper

53 100

52 81.4 66.3 99.5

51 38.1 30.3 45.5



#16

Acetone

Concen: 159.466 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY021519.D

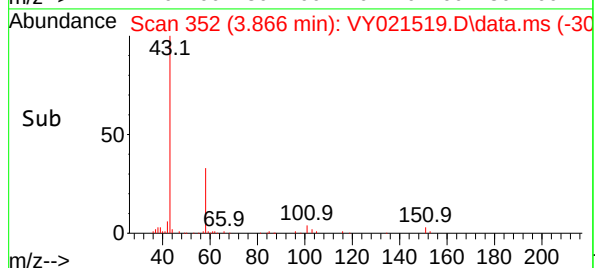
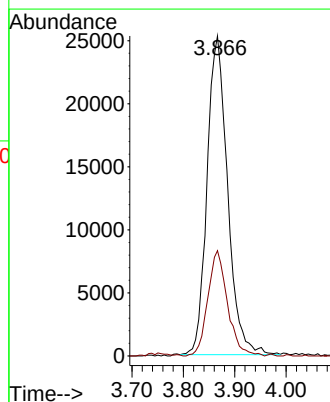
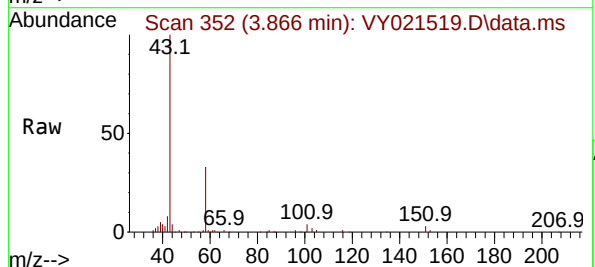
Acq: 13 Mar 2025 12:35

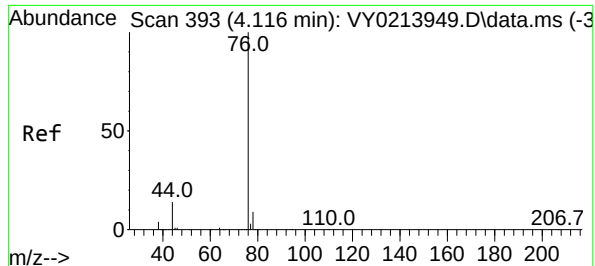
Tgt Ion: 43 Resp: 70052

Ion Ratio Lower Upper

43 100

58 33.0 22.1 33.1





#17

Carbon Disulfide

Concen: 20.095 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

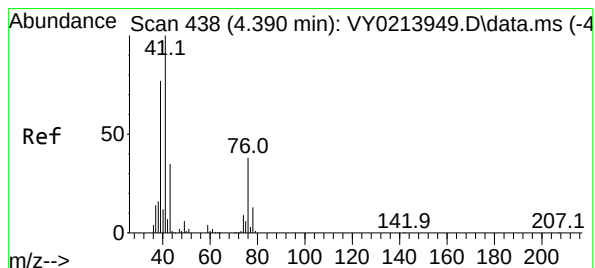
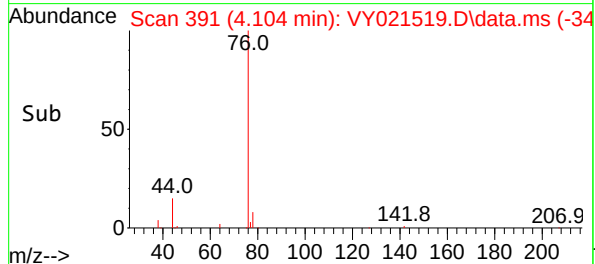
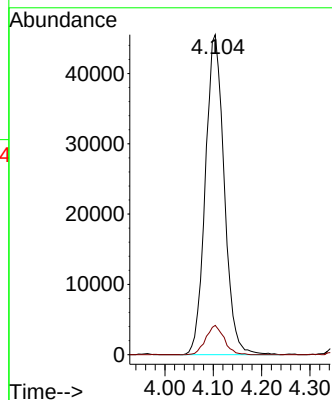
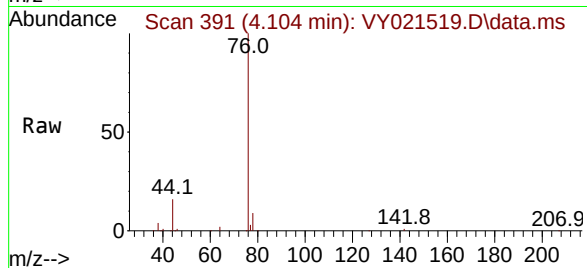
VY0313SBS01

Tgt Ion: 76 Resp: 123271

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 23.666 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY021519.D

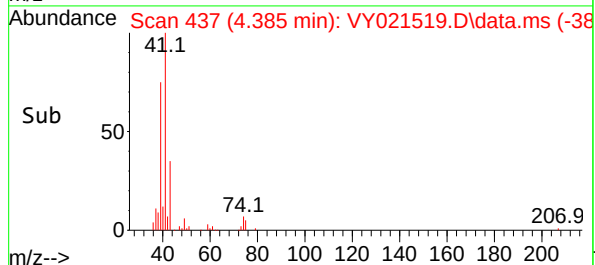
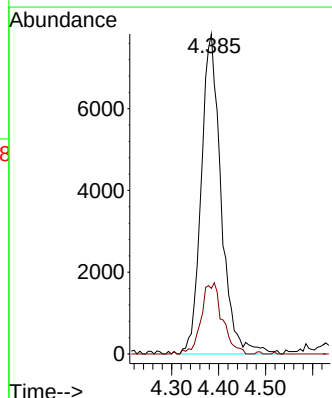
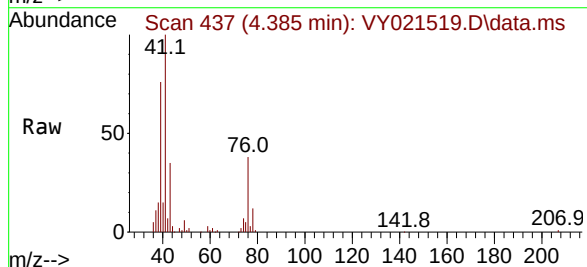
Acq: 13 Mar 2025 12:35

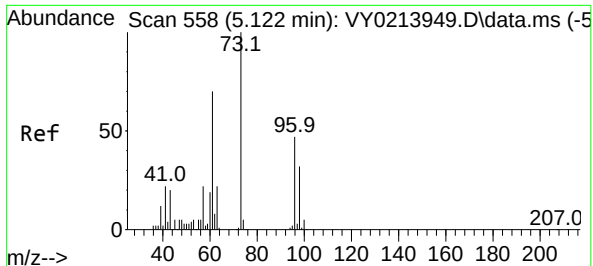
Tgt Ion: 43 Resp: 23067

Ion Ratio Lower Upper

43 100

74 23.4 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 22.095 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

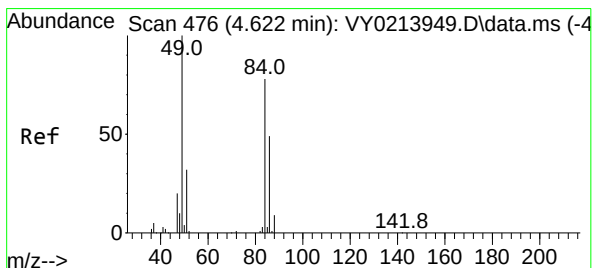
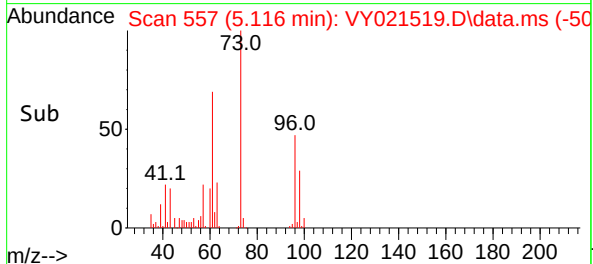
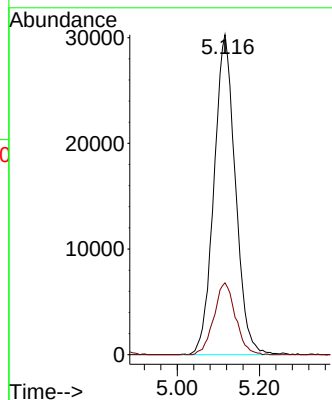
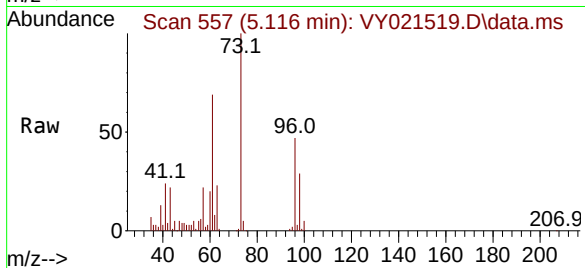
VY0313SBS01

Tgt Ion: 73 Resp: 109622

Ion Ratio Lower Upper

73 100

57 22.4 17.9 26.9



#20

Methylene Chloride

Concen: 22.279 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Tgt Ion: 84 Resp: 51375

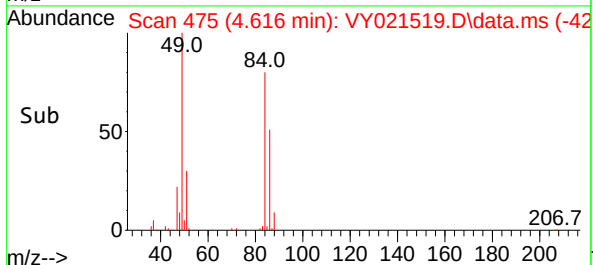
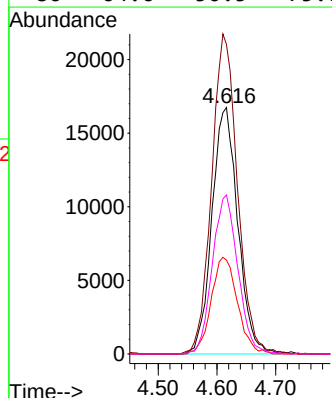
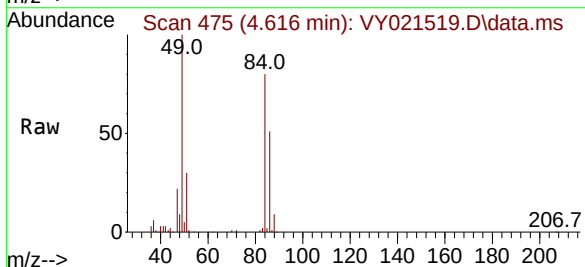
Ion Ratio Lower Upper

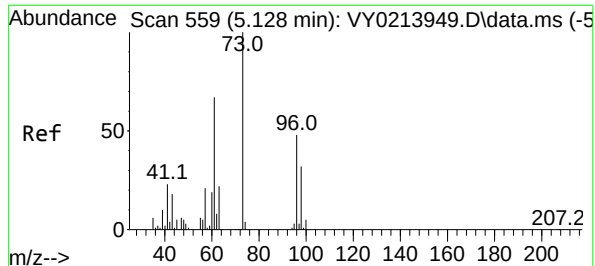
84 100

49 125.7 102.0 153.0

51 38.1 33.0 49.6

86 64.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 21.319 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

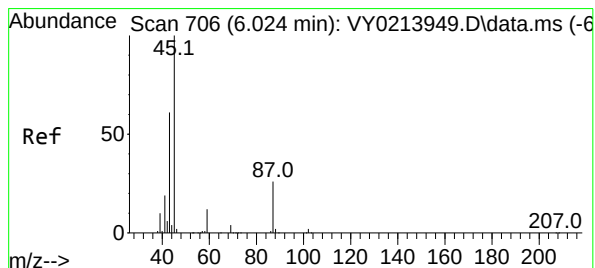
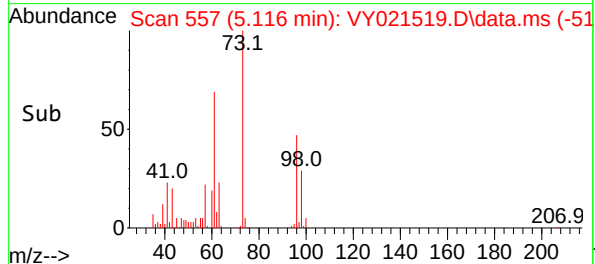
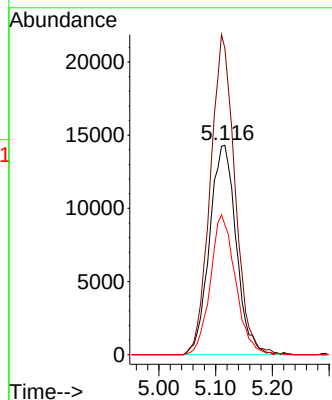
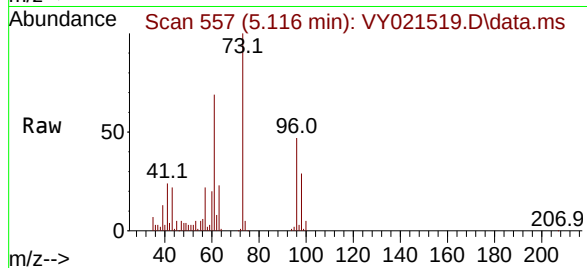
Tgt Ion: 96 Resp: 46736

Ion Ratio Lower Upper

96 100

61 146.3 111.5 167.3

98 62.0 53.8 80.8



#22

Diisopropyl ether

Concen: 22.542 ug/l

RT: 6.012 min Scan# 704

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Tgt Ion: 45 Resp: 153673

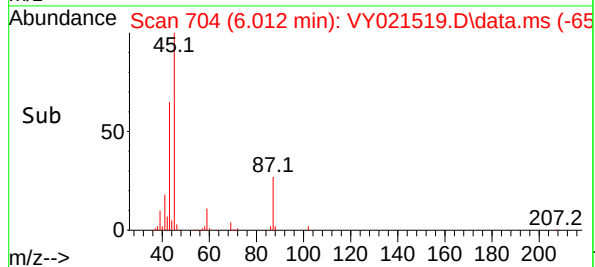
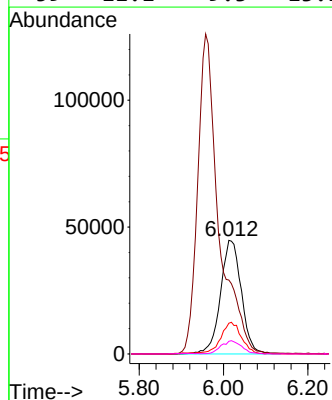
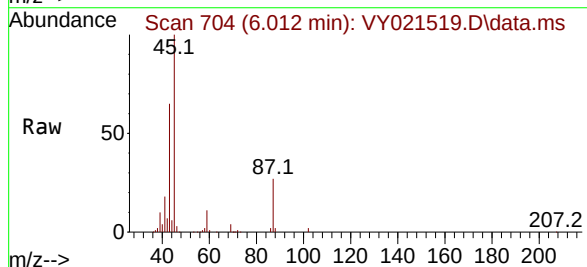
Ion Ratio Lower Upper

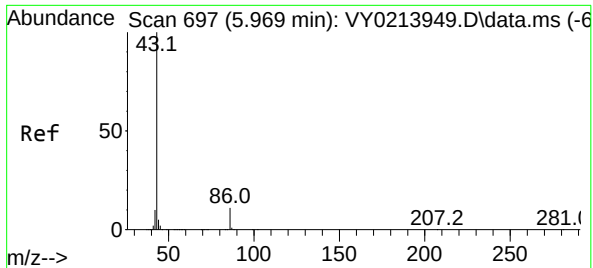
45 100

43 64.4 48.7 73.1

87 26.9 21.5 32.3

59 11.1 9.3 13.9





#23

Vinyl Acetate

Concen: 112.978 ug/l

RT: 5.957 min Scan# 695

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

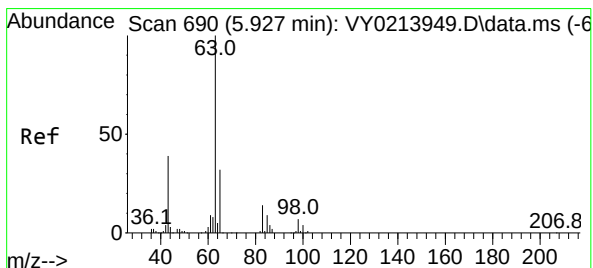
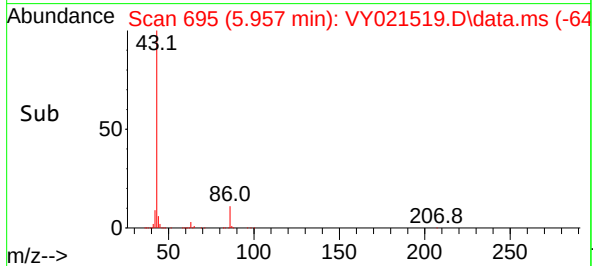
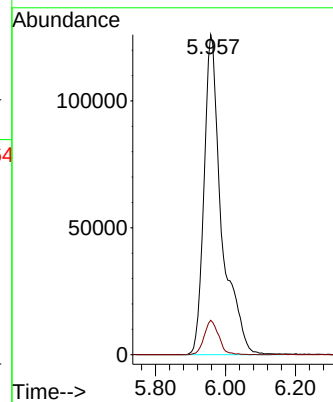
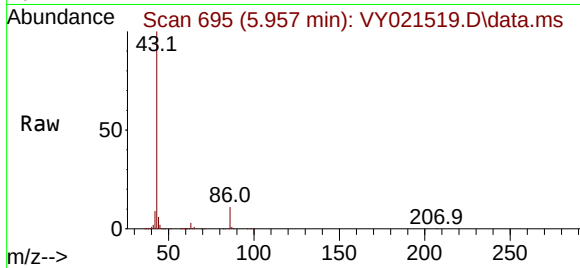
VY0313SBS01

Tgt Ion: 43 Resp: 439561

Ion Ratio Lower Upper

43 100

86 10.7 8.5 12.7



#24

1,1-Dichloroethane

Concen: 22.527 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

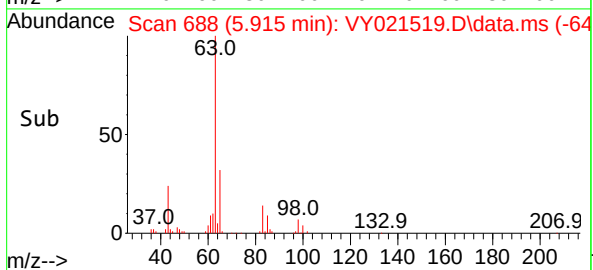
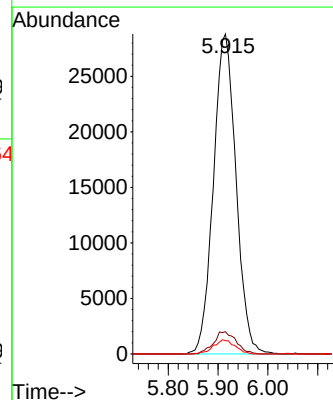
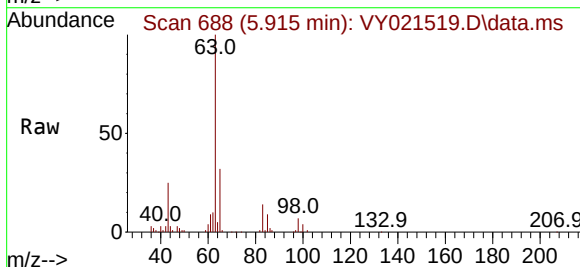
Tgt Ion: 63 Resp: 90637

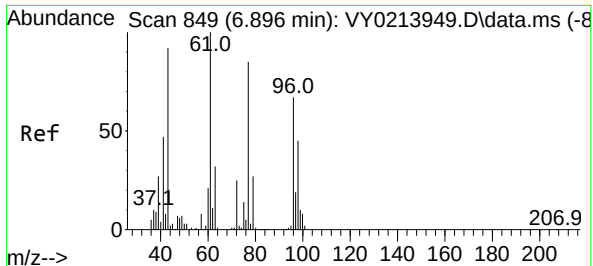
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 138.461 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

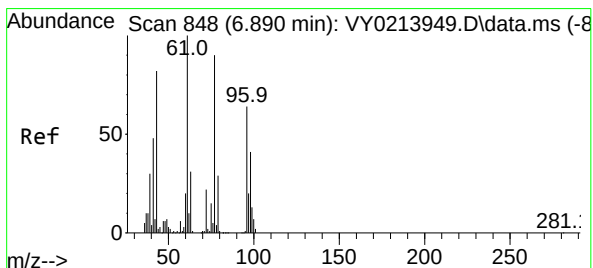
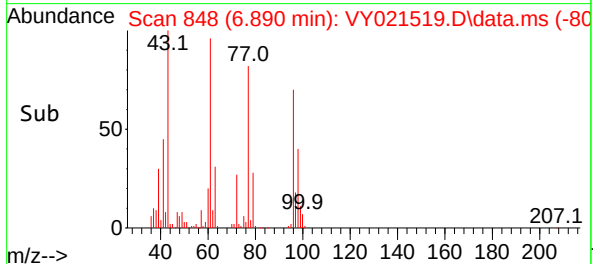
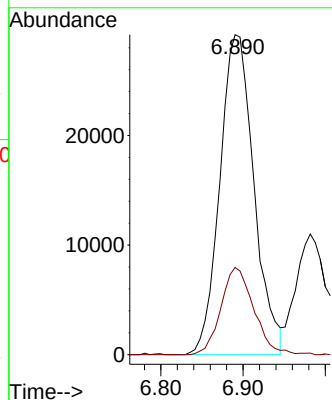
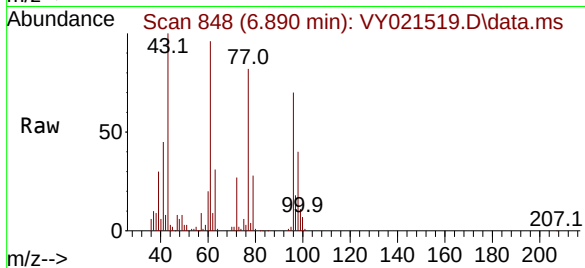
VY0313SBSD01

Tgt Ion: 43 Resp: 84139

Ion Ratio Lower Upper

43 100

72 27.3 21.4 32.0



#26

2,2-Dichloropropane

Concen: 21.853 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021519.D

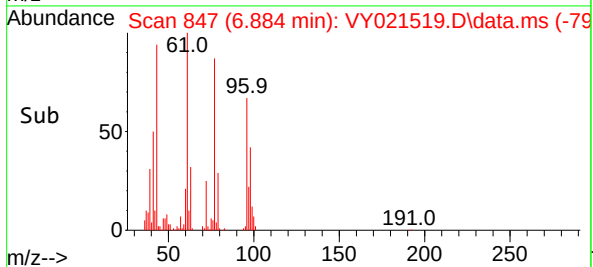
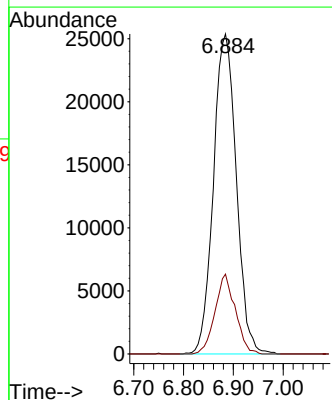
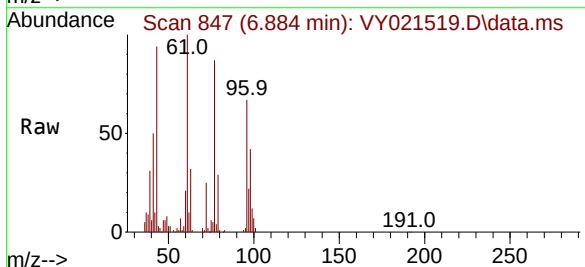
Acq: 13 Mar 2025 12:35

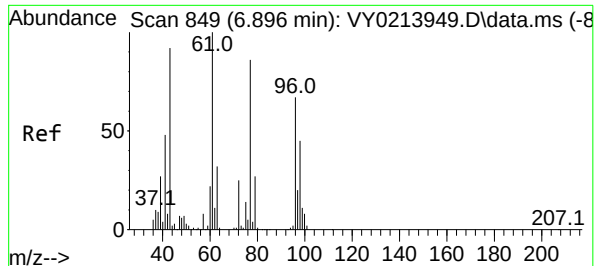
Tgt Ion: 77 Resp: 80902

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8

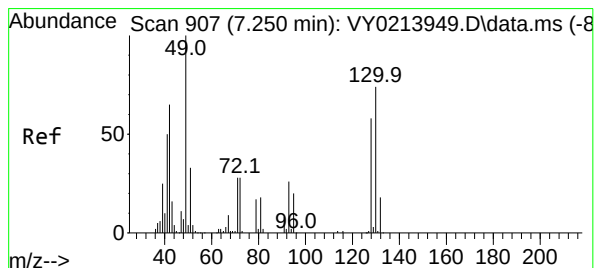
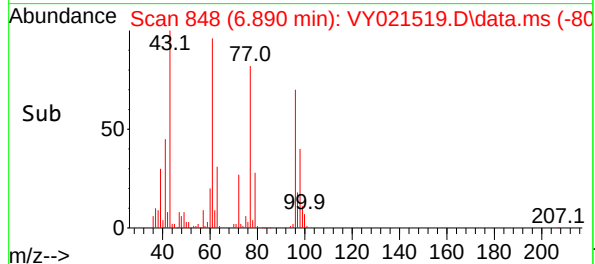
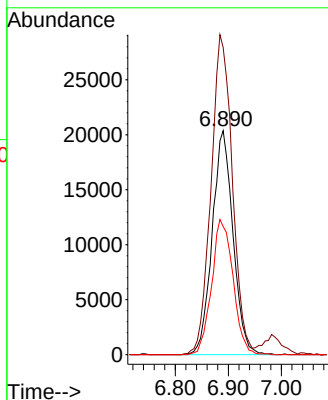
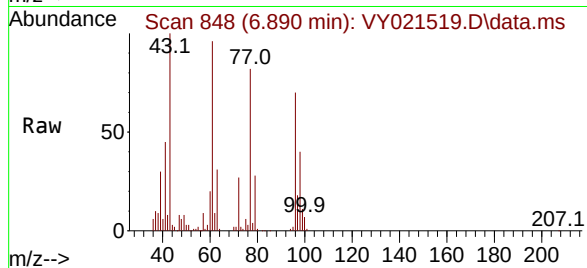




#27
 cis-1,2-Dichloroethene
 Concen: 22.347 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

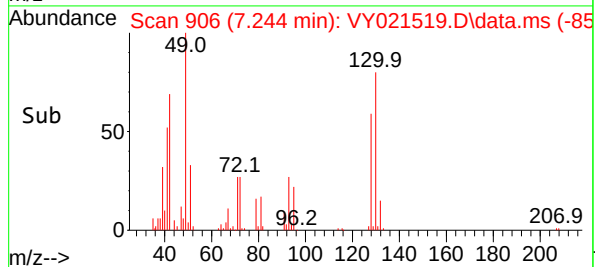
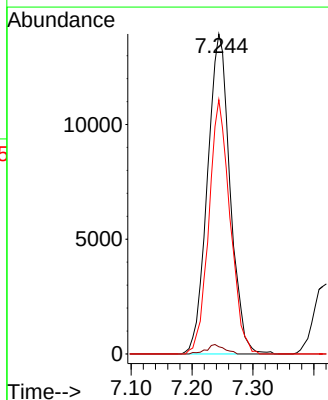
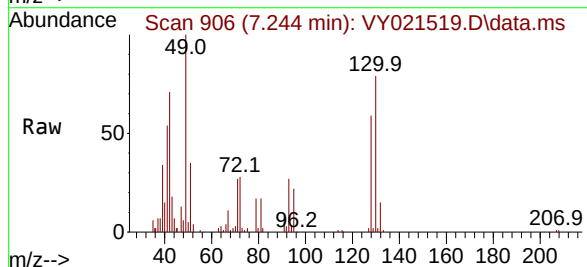
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

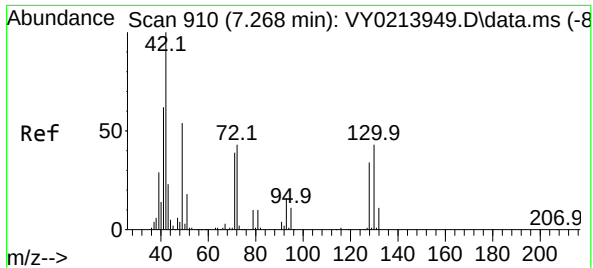
Tgt Ion: 96 Resp: 55653
 Ion Ratio Lower Upper
 96 100
 61 146.2 0.0 300.8
 98 61.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.351 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

Tgt Ion: 49 Resp: 36016
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 74.4 59.6 89.4





#29

Tetrahydrofuran

Concen: 113.001 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

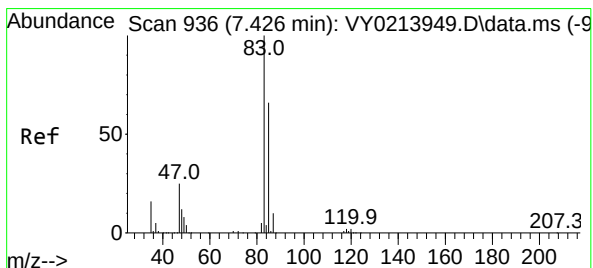
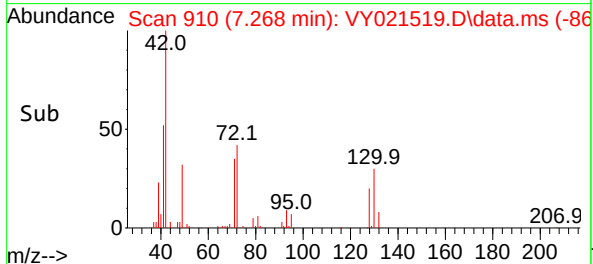
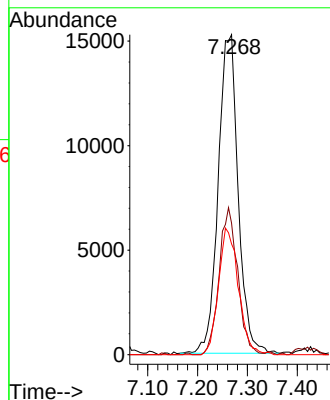
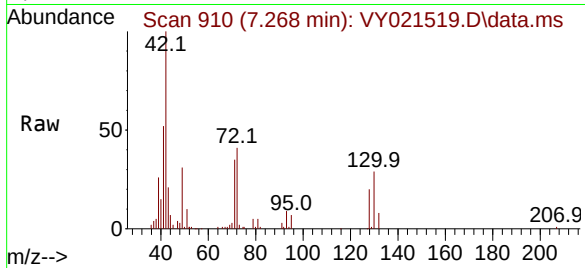
Tgt Ion: 42 Resp: 42392

Ion Ratio Lower Upper

42 100

72 43.0 34.8 52.2

71 39.7 32.6 48.8



#30

Chloroform

Concen: 22.786 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021519.D

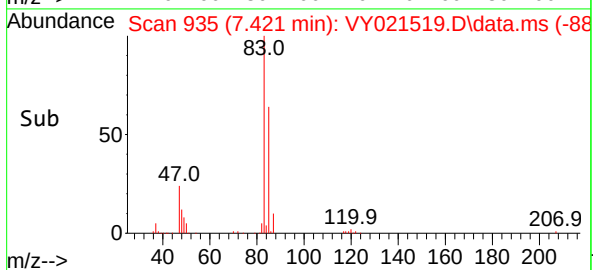
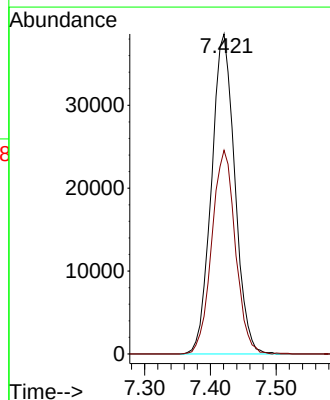
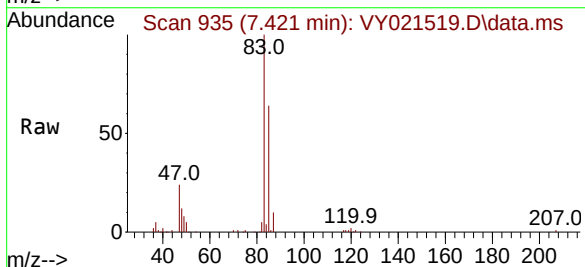
Acq: 13 Mar 2025 12:35

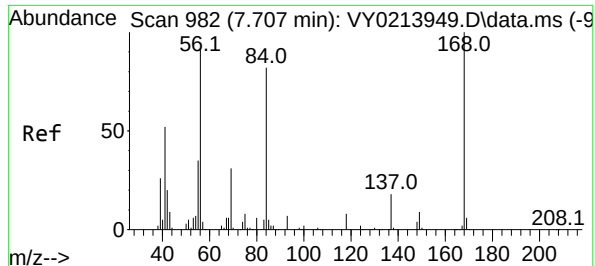
Tgt Ion: 83 Resp: 95199

Ion Ratio Lower Upper

83 100

85 63.7 53.1 79.7

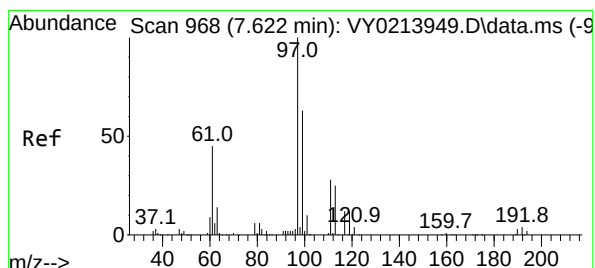
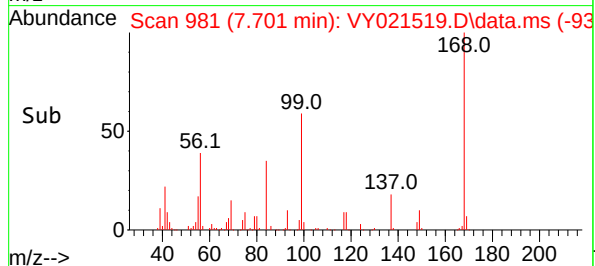
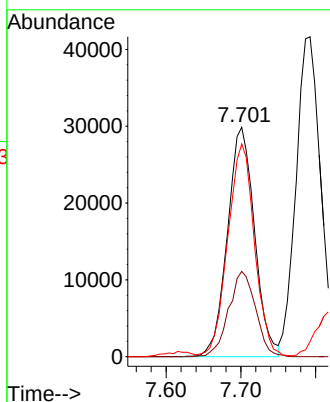
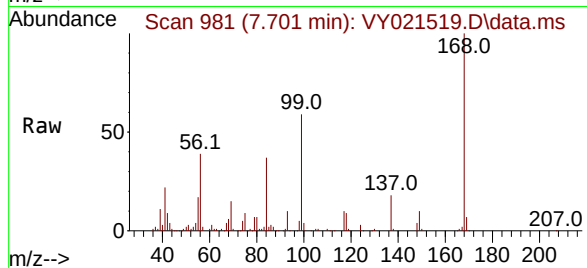




#31
Cyclohexane
Concen: 19.936 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

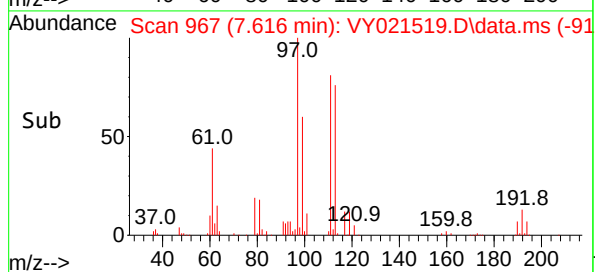
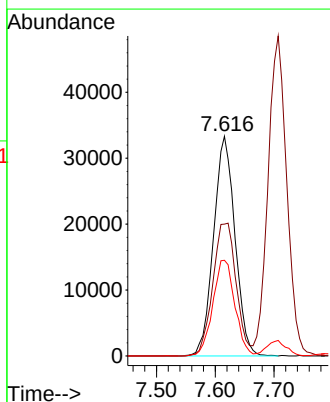
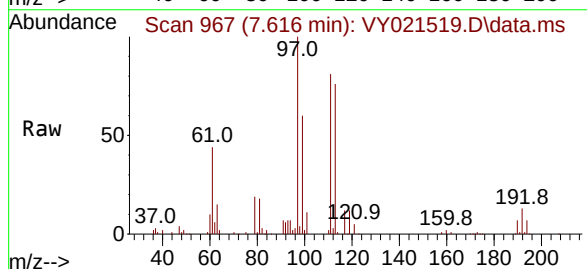
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

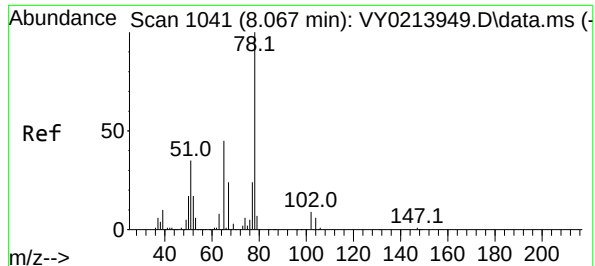
Tgt Ion: 56 Resp: 75202
Ion Ratio Lower Upper
56 100
69 37.2 27.0 40.4
84 90.4 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 22.099 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 97 Resp: 84541
Ion Ratio Lower Upper
97 100
99 66.2 51.7 77.5
61 44.7 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 58.538 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

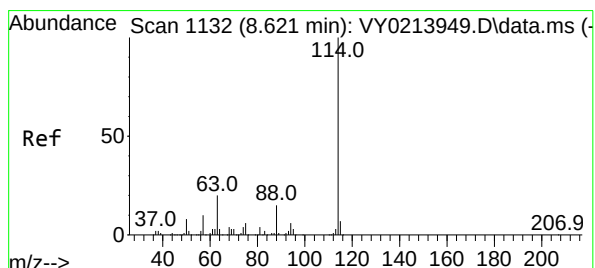
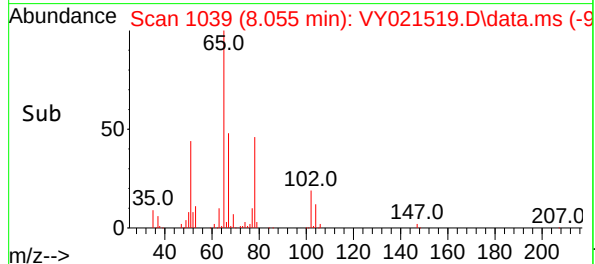
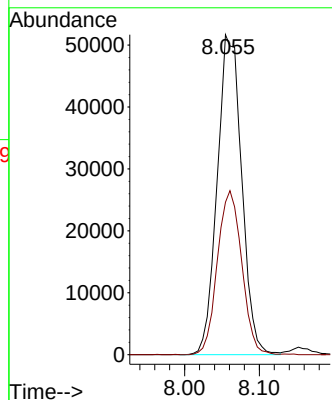
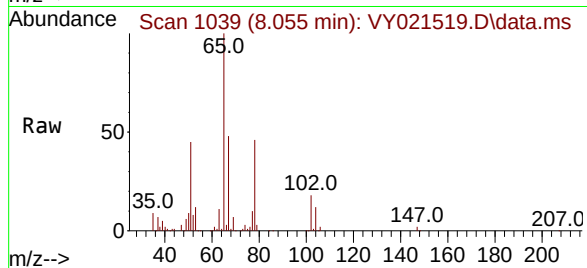
VY0313SBSD01

Tgt Ion: 65 Resp: 117900

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

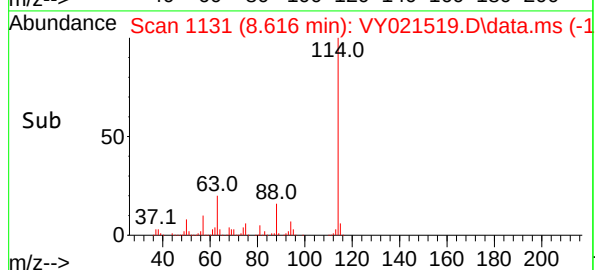
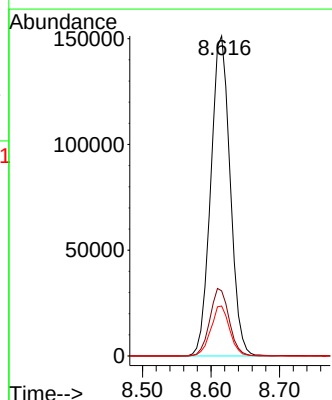
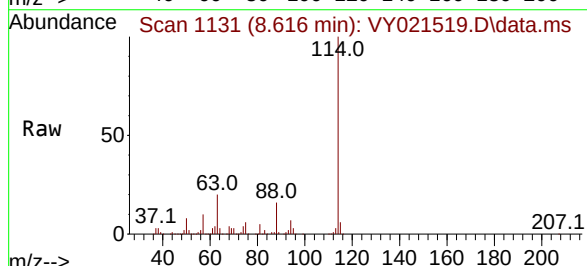
Tgt Ion:114 Resp: 296797

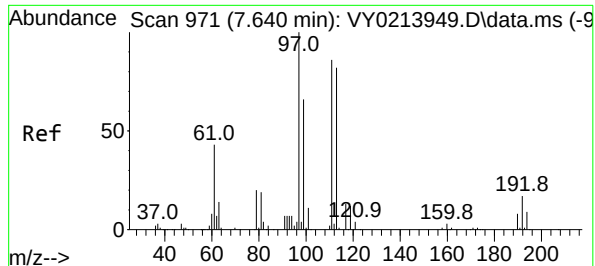
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 57.575 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

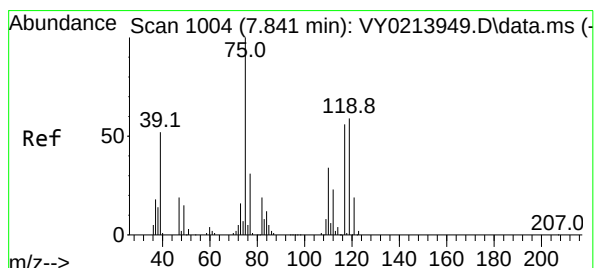
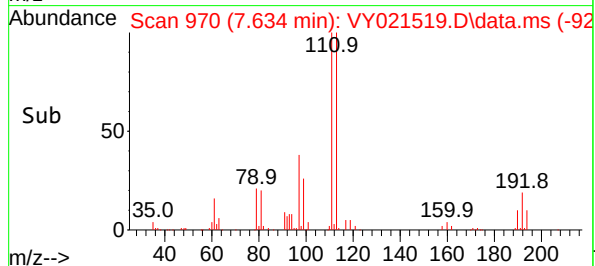
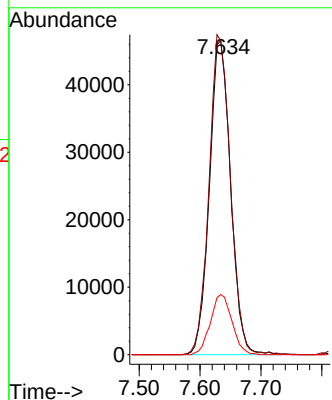
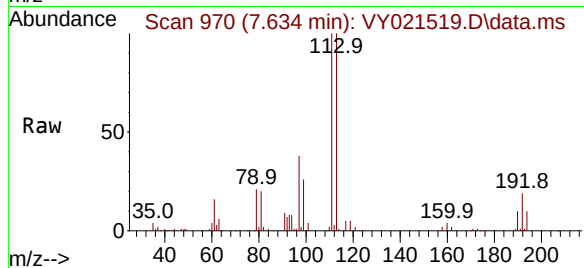
Tgt Ion:113 Resp: 112323

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 19.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 21.637 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

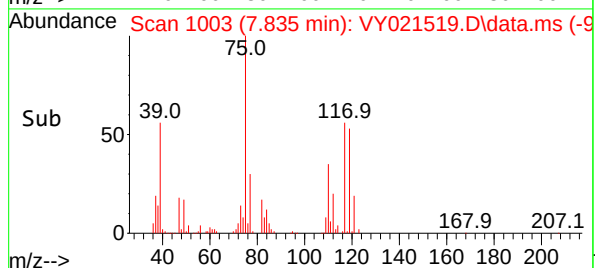
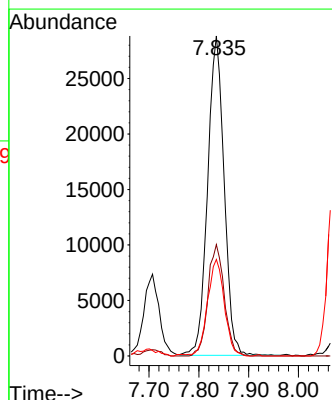
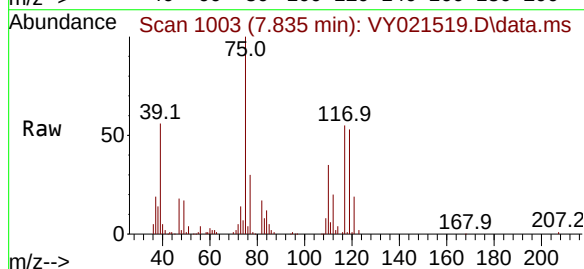
Tgt Ion: 75 Resp: 66073

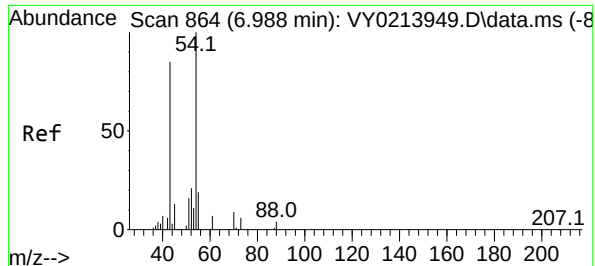
Ion Ratio Lower Upper

75 100

110 34.7 17.3 51.7

77 30.8 25.4 38.2





#37

Ethyl Acetate

Concen: 22.142 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

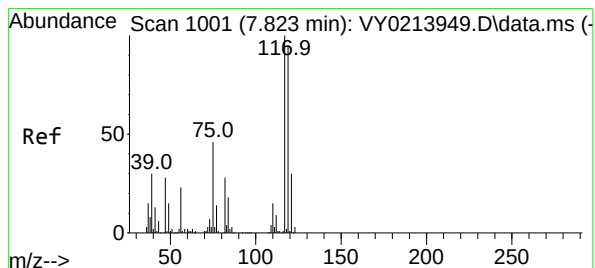
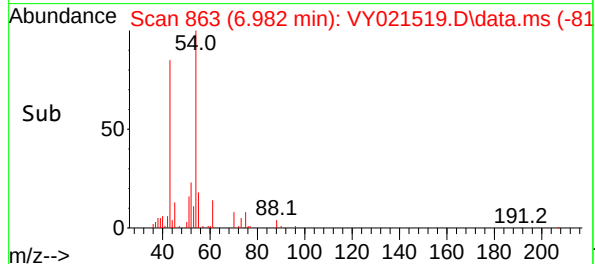
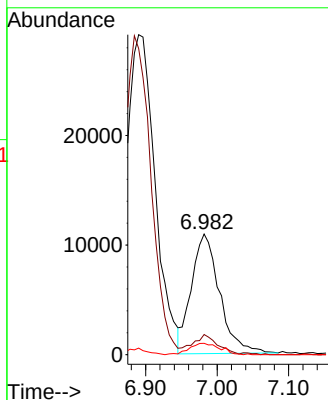
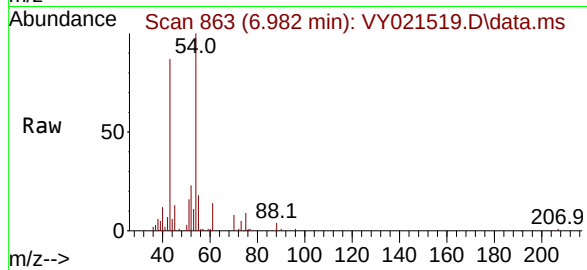
Tgt Ion: 43 Resp: 29885

Ion Ratio Lower Upper

43 100

61 13.5 11.4 17.0

70 10.3 8.2 12.2



#38

Carbon Tetrachloride

Concen: 21.927 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

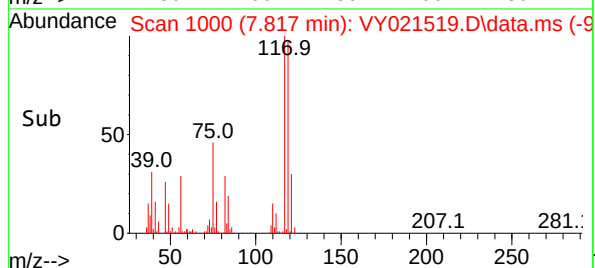
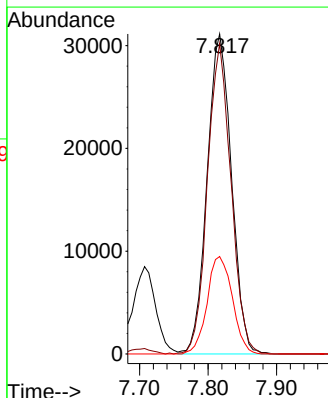
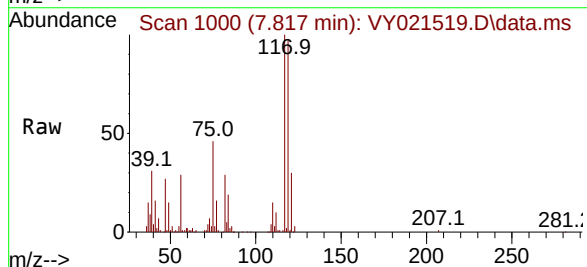
Tgt Ion: 117 Resp: 77010

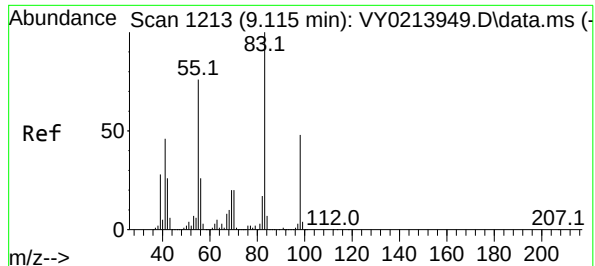
Ion Ratio Lower Upper

117 100

119 97.0 75.8 113.8

121 30.4 23.9 35.9





#39

Methylcyclohexane

Concen: 20.018 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

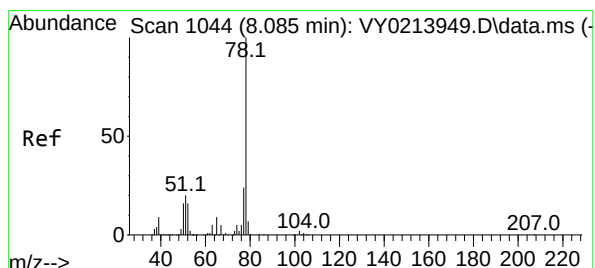
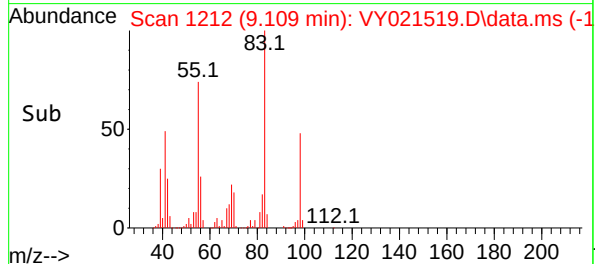
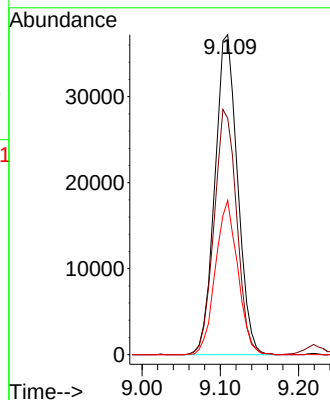
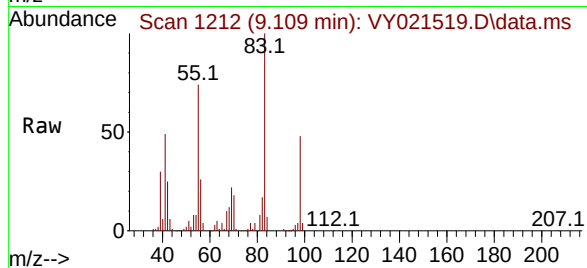
Tgt Ion: 83 Resp: 74983

Ion Ratio Lower Upper

83 100

55 73.8 60.7 91.1

98 48.2 38.6 57.8



#40

Benzene

Concen: 22.222 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021519.D

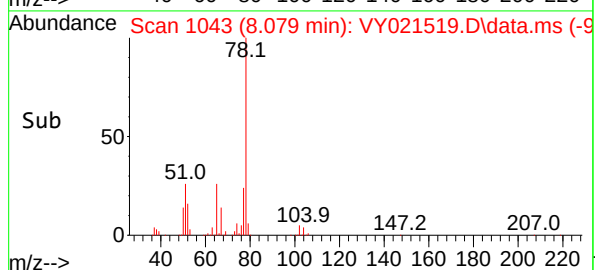
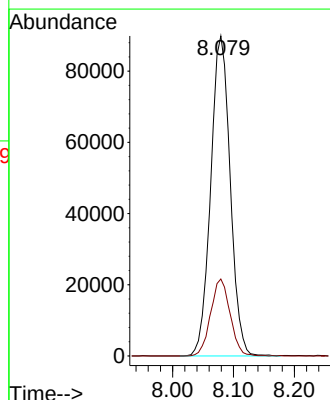
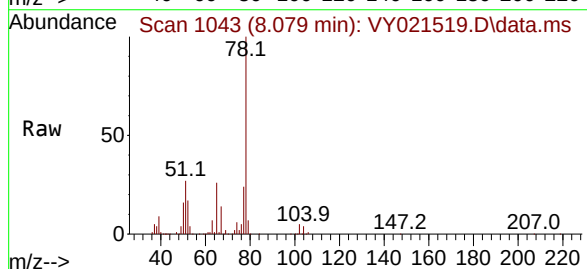
Acq: 13 Mar 2025 12:35

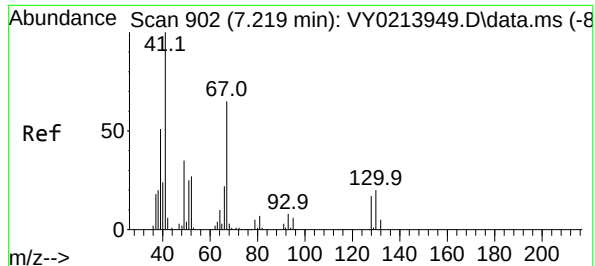
Tgt Ion: 78 Resp: 199905

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4





#41

Methacrylonitrile

Concen: 25.667 ug/l

RT: 7.226 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

Tgt Ion: 41 Resp: 18863

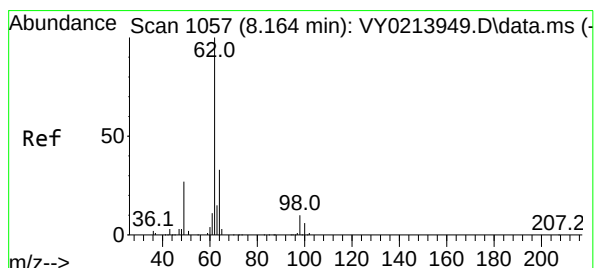
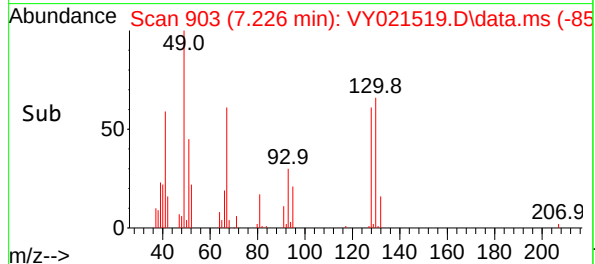
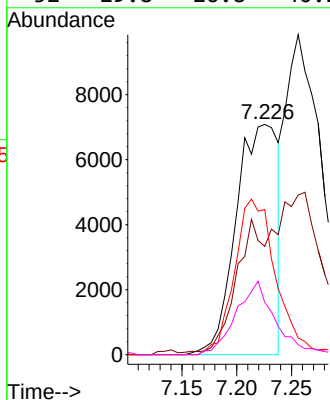
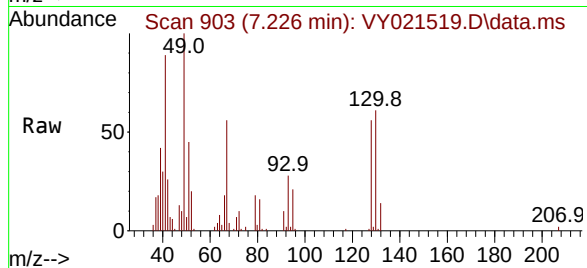
Ion Ratio Lower Upper

41 100

39 38.5 35.0 52.6

67 66.9 61.2 91.8

52 29.8 26.8 40.2



#42

1,2-Dichloroethane

Concen: 22.422 ug/l

RT: 8.152 min Scan# 1055

Delta R.T. -0.012 min

Lab File: VY021519.D

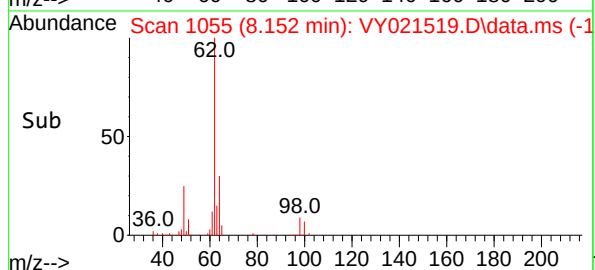
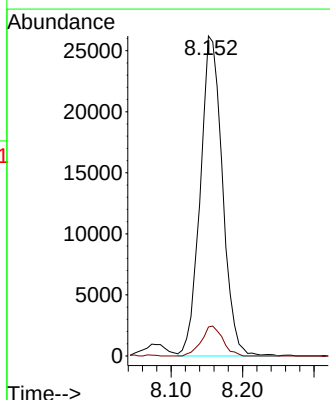
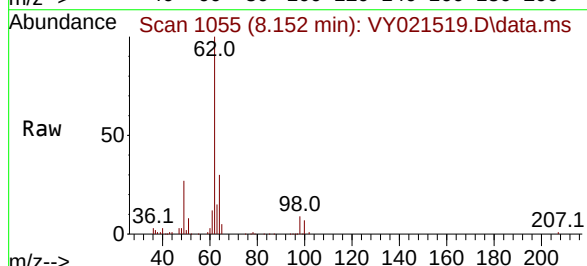
Acq: 13 Mar 2025 12:35

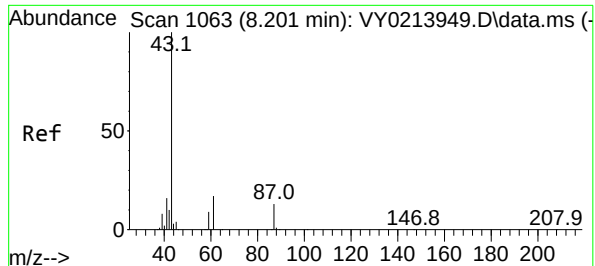
Tgt Ion: 62 Resp: 56427

Ion Ratio Lower Upper

62 100

98 9.0 0.0 18.2





#43

Isopropyl Acetate

Concen: 22.119 ug/l

RT: 8.195 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

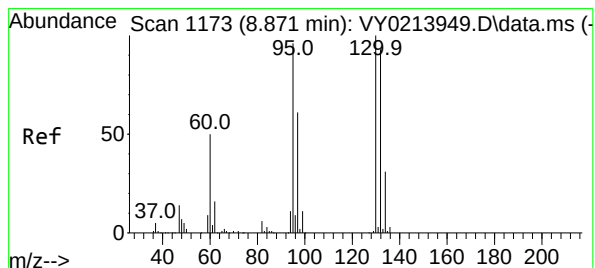
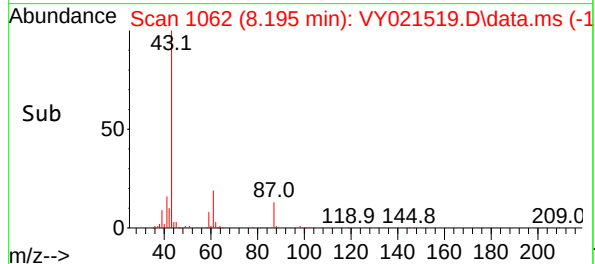
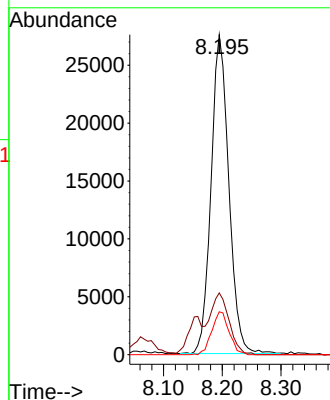
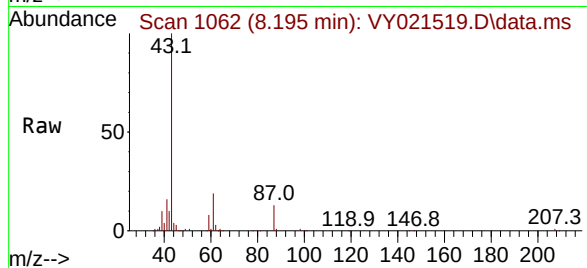
Tgt Ion: 43 Resp: 57956

Ion Ratio Lower Upper

43 100

61 19.9 23.4 35.0#

87 13.1 10.5 15.7



#44

Trichloroethene

Concen: 21.859 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VY021519.D

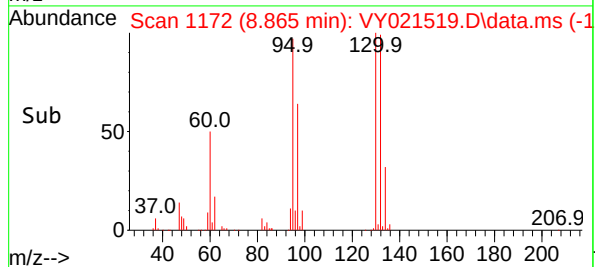
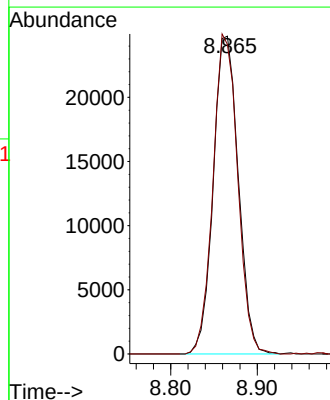
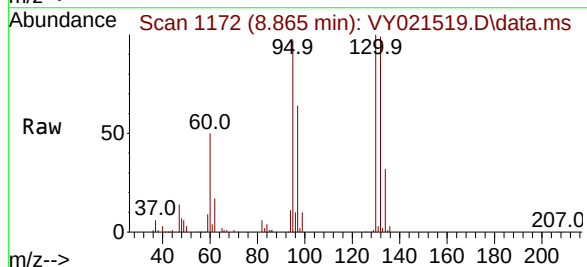
Acq: 13 Mar 2025 12:35

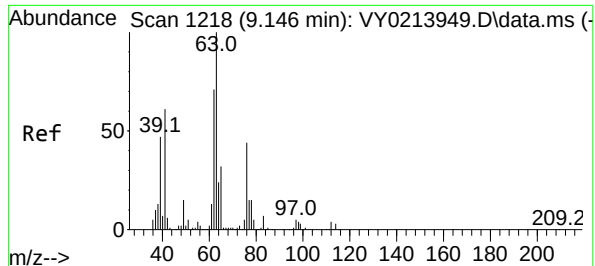
Tgt Ion:130 Resp: 49691

Ion Ratio Lower Upper

130 100

95 97.4 0.0 191.6





#45

1,2-Dichloropropane

Concen: 22.448 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

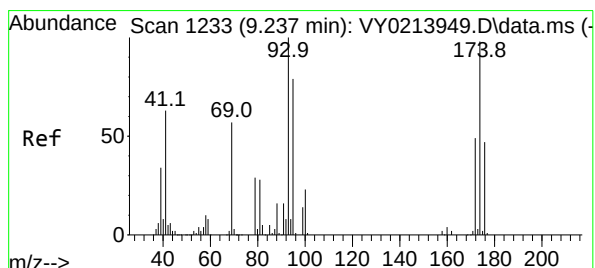
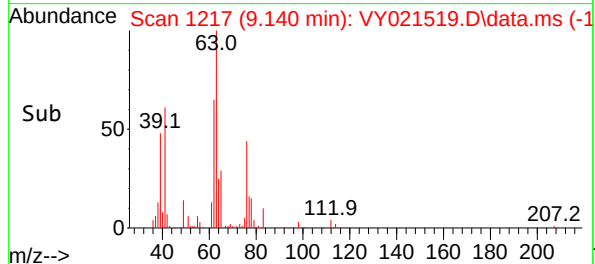
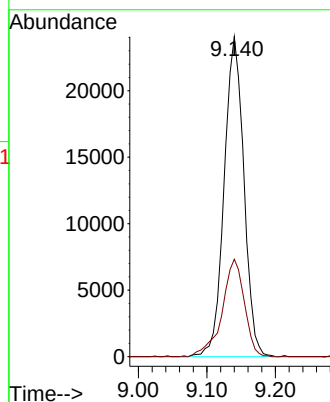
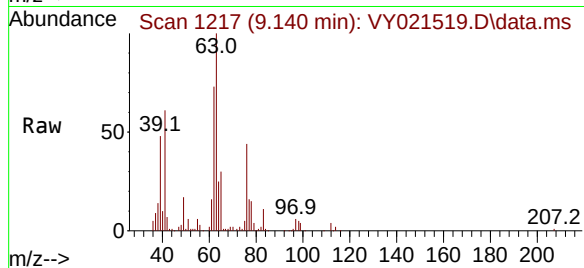
VY0313SBSD01

Tgt Ion: 63 Resp: 48060

Ion Ratio Lower Upper

63 100

65 30.5 26.0 39.0



#46

Dibromomethane

Concen: 22.704 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

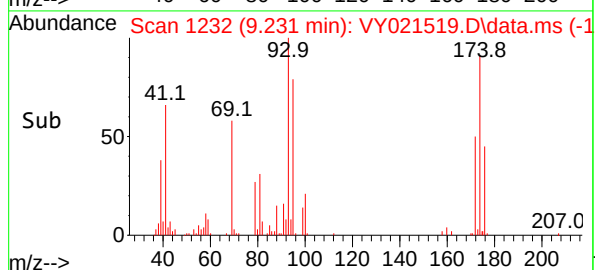
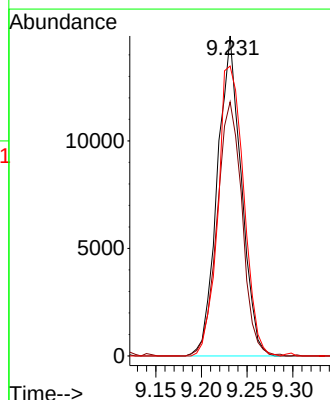
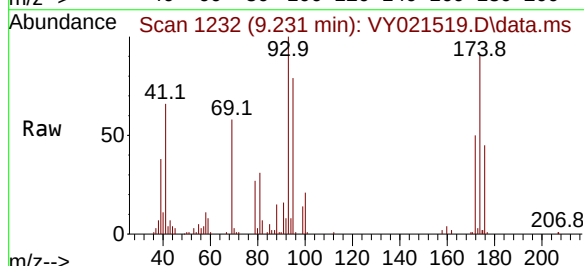
Tgt Ion: 93 Resp: 27046

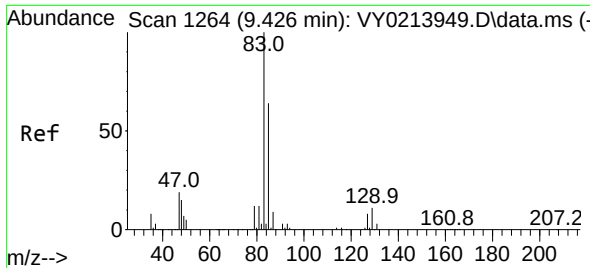
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 97.6 77.9 116.9





#47

Bromodichloromethane

Concen: 22.790 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

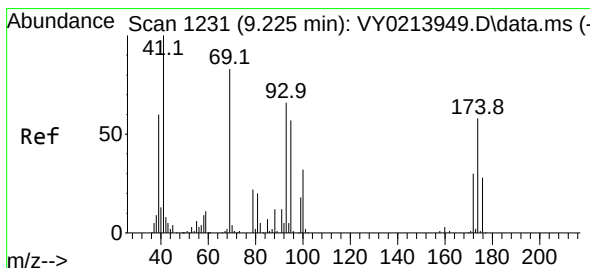
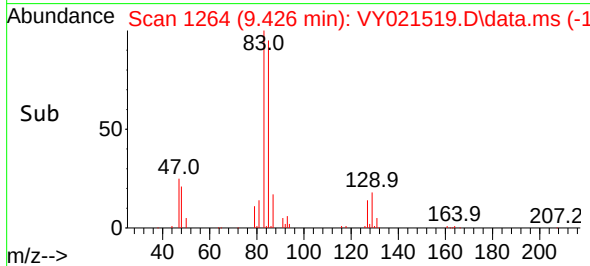
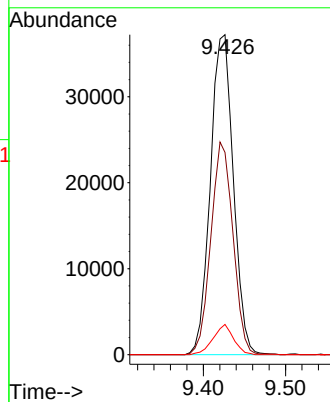
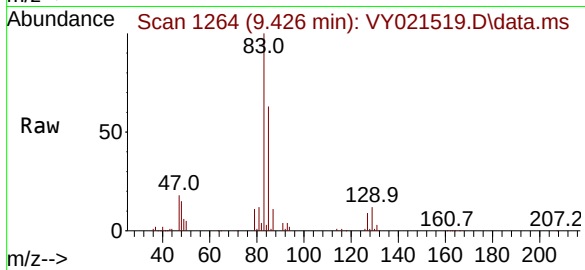
Tgt Ion: 83 Resp: 72100

Ion Ratio Lower Upper

83 100

85 63.2 51.1 76.7

127 9.5 6.7 10.1



#48

Methyl methacrylate

Concen: 21.395 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

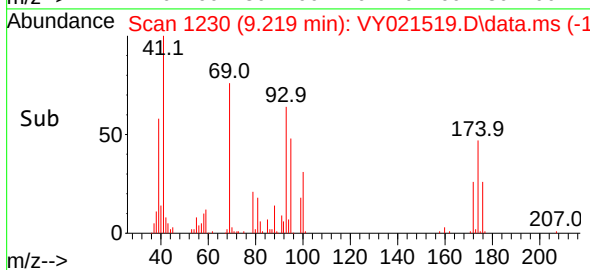
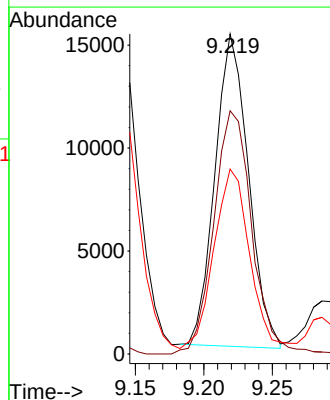
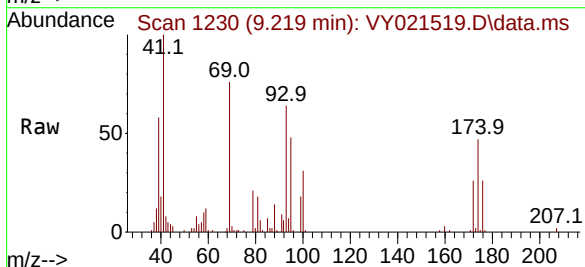
Tgt Ion: 41 Resp: 25741

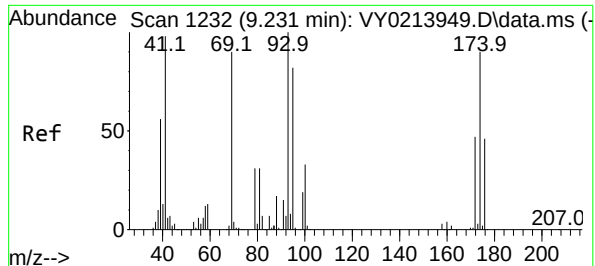
Ion Ratio Lower Upper

41 100

69 88.7 67.8 101.8

39 61.8 46.4 69.6





#49

1,4-Dioxane

Concen: 479.790 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

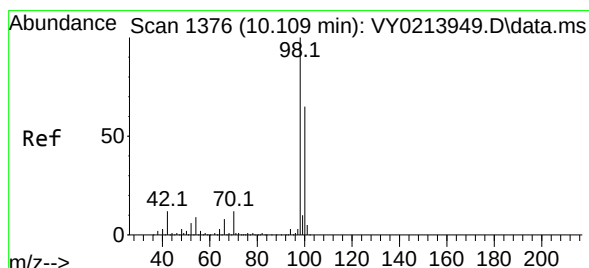
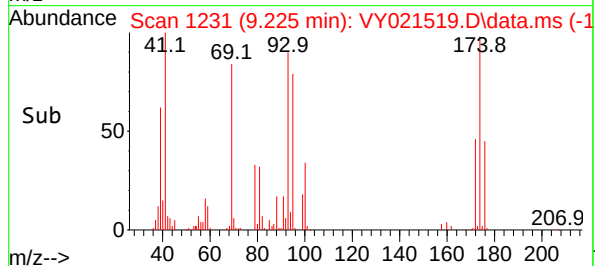
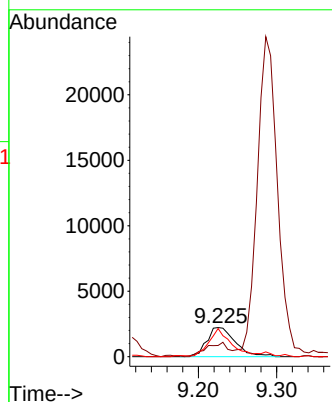
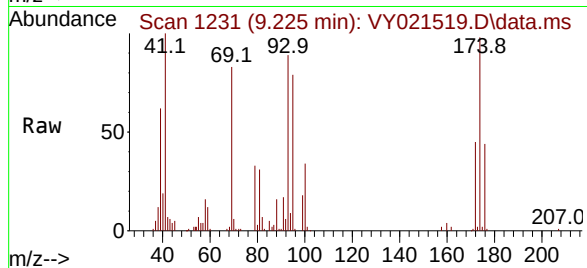
Tgt Ion: 88 Resp: 5610

Ion Ratio Lower Upper

88 100

43 37.3 25.0 37.4

58 73.2 58.4 87.6



#50

Toluene-d8

Concen: 56.620 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021519.D

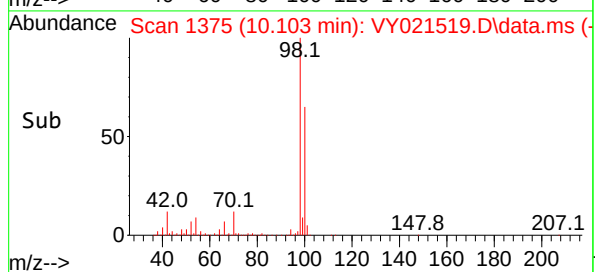
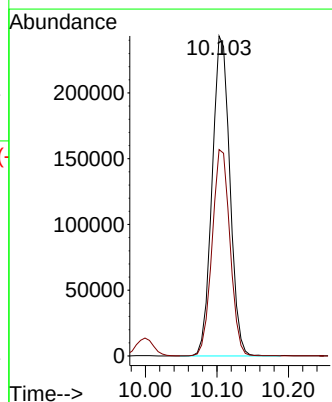
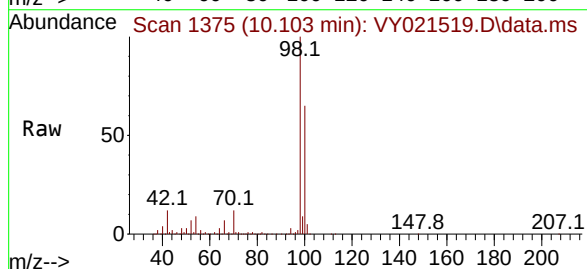
Acq: 13 Mar 2025 12:35

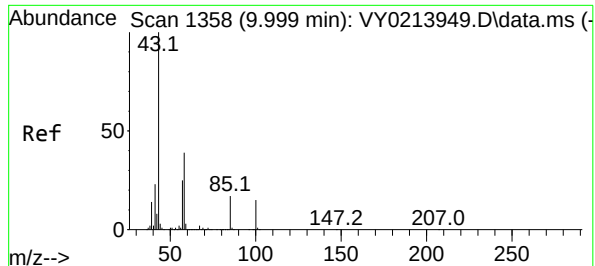
Tgt Ion: 98 Resp: 418231

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

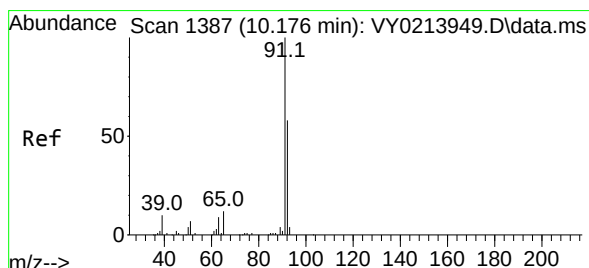
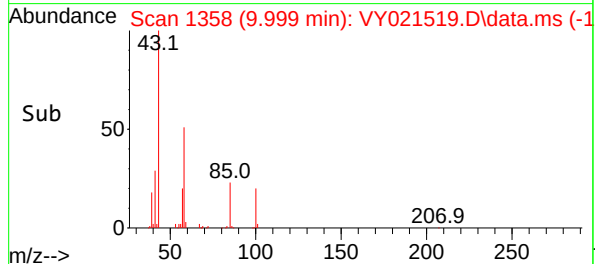
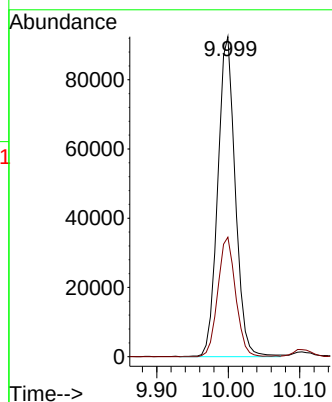
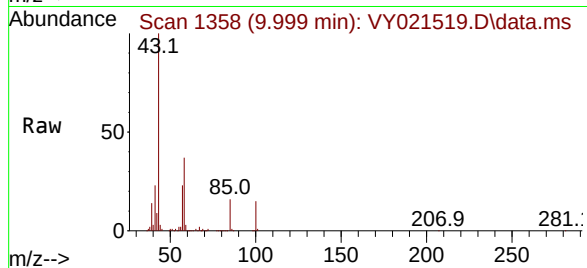




#51
4-Methyl-2-Pentanone
Concen: 116.034 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

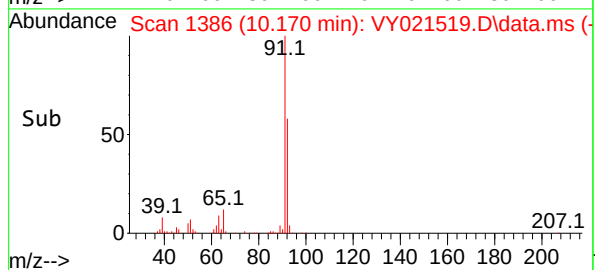
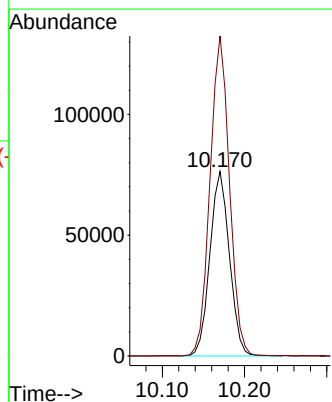
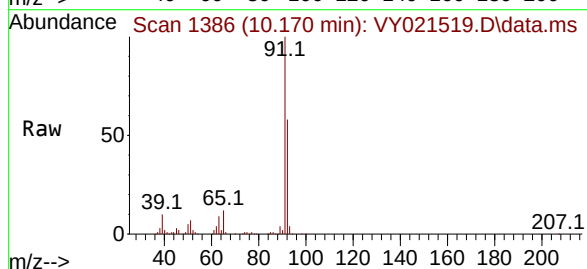
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

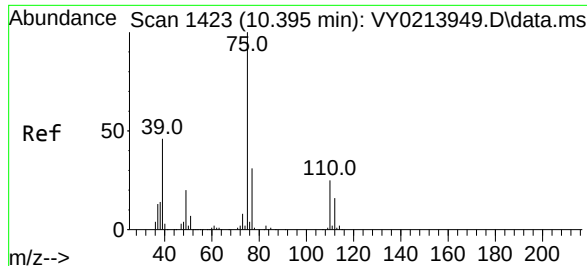
Tgt Ion: 43 Resp: 156868
Ion Ratio Lower Upper
43 100
58 38.0 31.4 47.2



#52
Toluene
Concen: 22.205 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 92 Resp: 125931
Ion Ratio Lower Upper
92 100
91 172.5 138.2 207.2

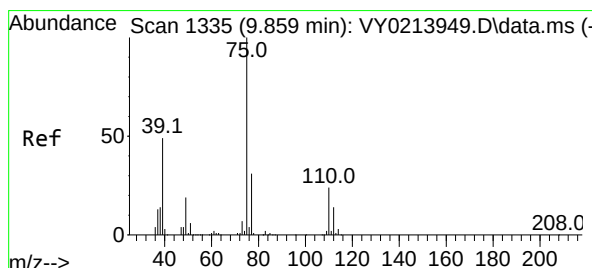
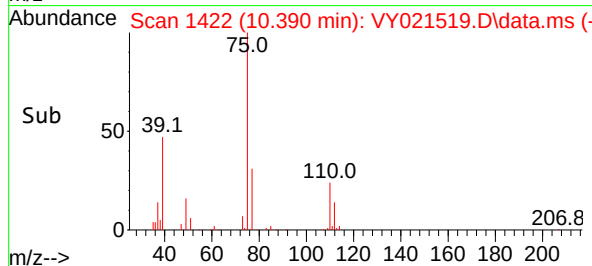
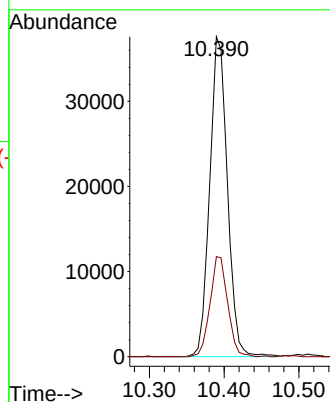
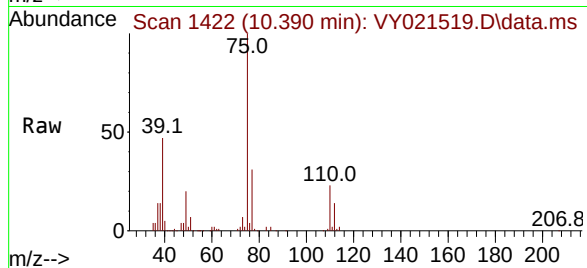




#53
t-1,3-Dichloropropene
Concen: 22.192 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

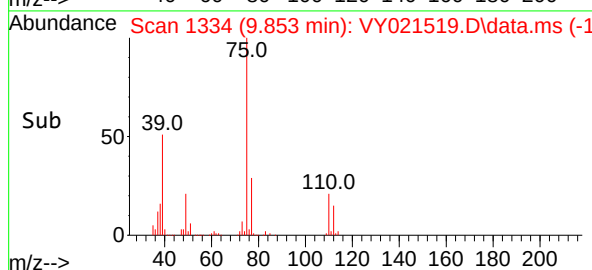
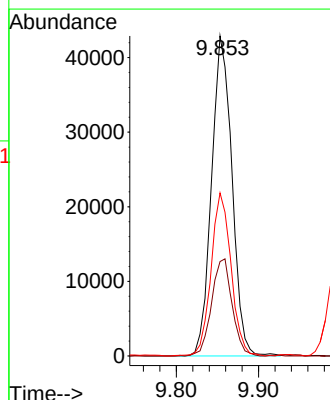
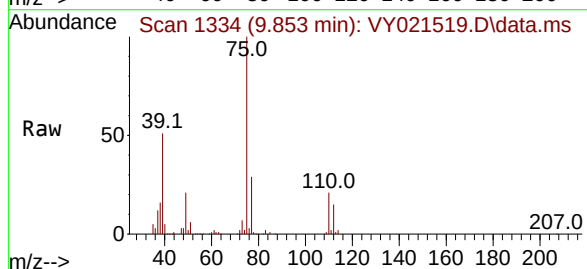
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

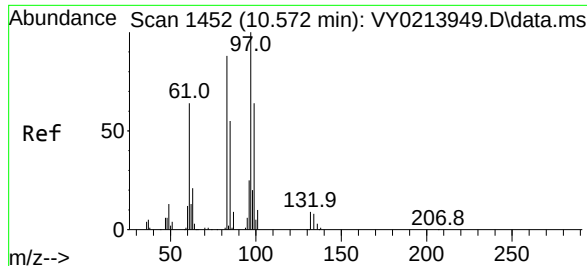
Tgt Ion: 75 Resp: 61853
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 22.344 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 75 Resp: 73940
Ion Ratio Lower Upper
75 100
77 29.3 24.6 37.0
39 50.8 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 22.394 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

Tgt Ion: 97 Resp: 34897

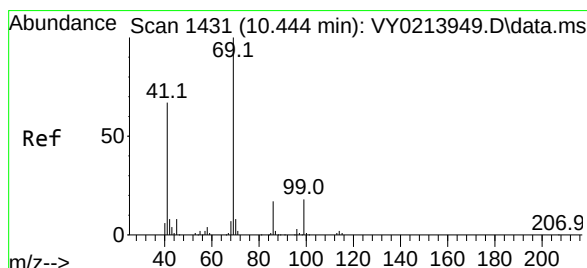
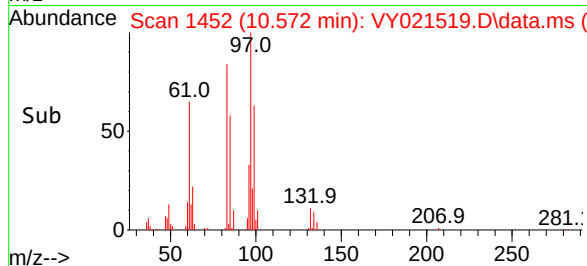
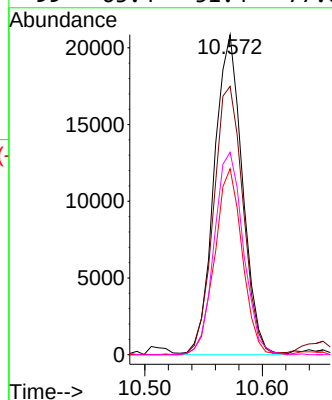
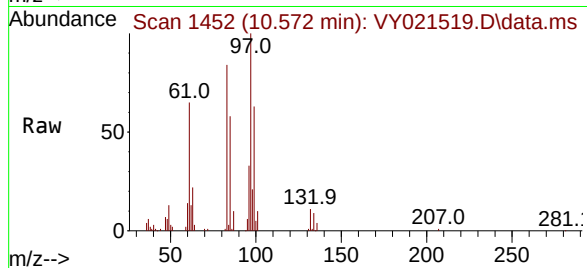
Ion Ratio Lower Upper

97 100

83 84.1 70.0 105.0

85 58.0 44.3 66.5

99 63.4 51.4 77.0



#56

Ethyl methacrylate

Concen: 21.699 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

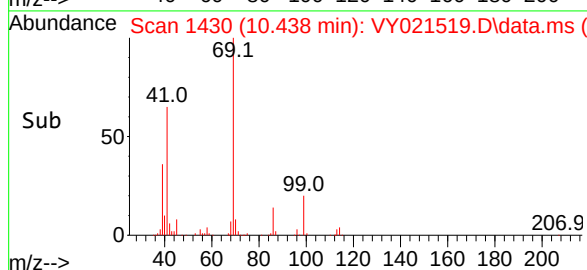
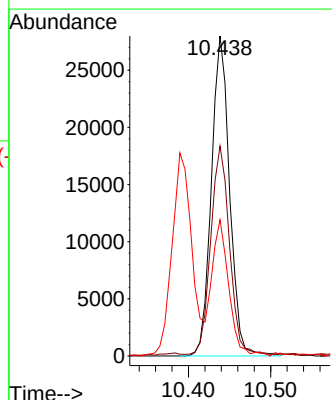
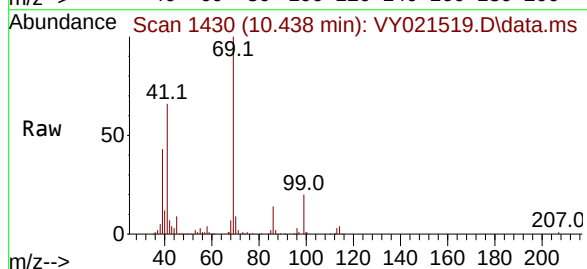
Tgt Ion: 69 Resp: 43123

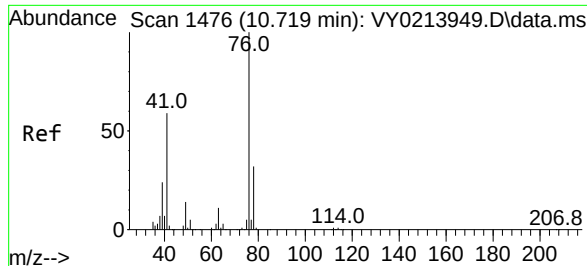
Ion Ratio Lower Upper

69 100

41 67.0 53.3 79.9

39 39.1 31.0 46.6





#57

1,3-Dichloropropane

Concen: 22.617 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

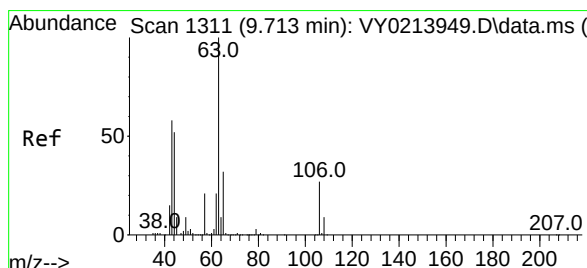
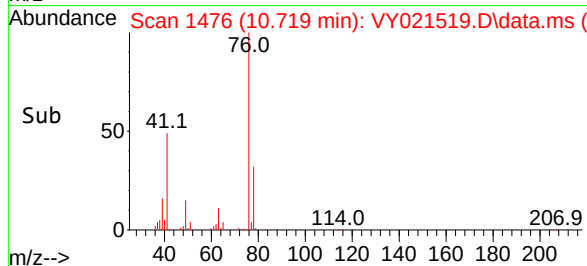
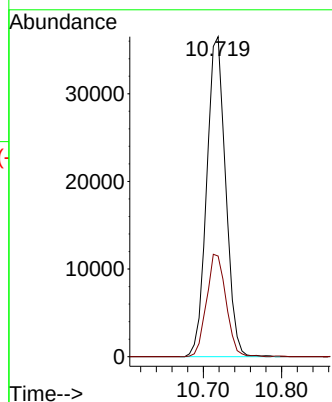
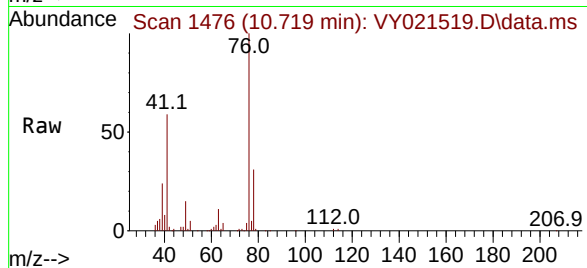
VY0313SBSD01

Tgt Ion: 76 Resp: 61083

Ion Ratio Lower Upper

76 100

78 33.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 104.429 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021519.D

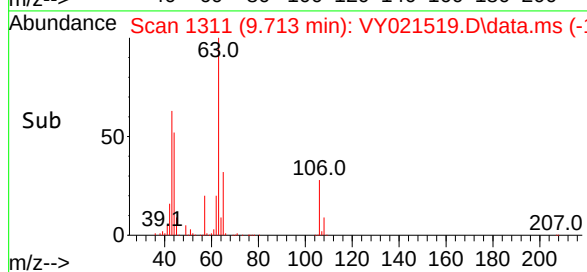
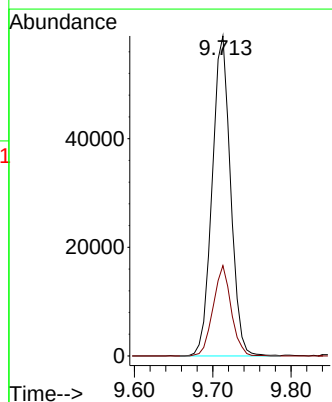
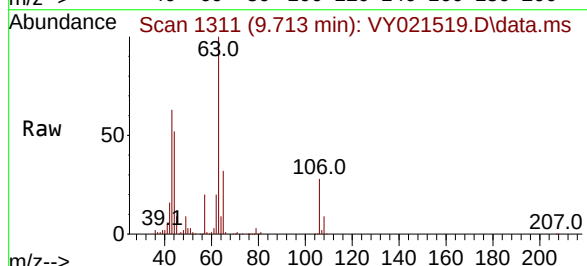
Acq: 13 Mar 2025 12:35

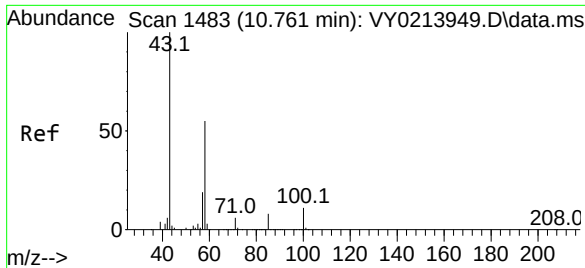
Tgt Ion: 63 Resp: 95805

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1





#59

2-Hexanone

Concen: 131.473 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

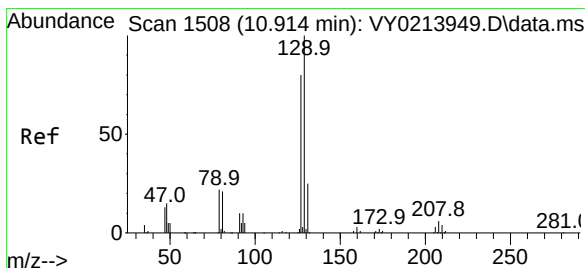
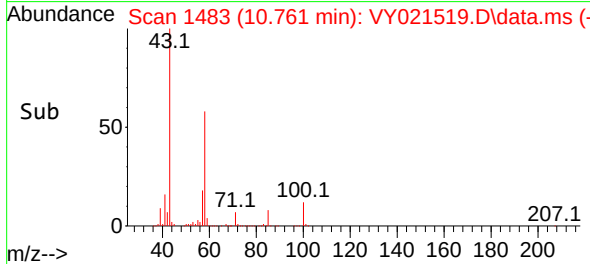
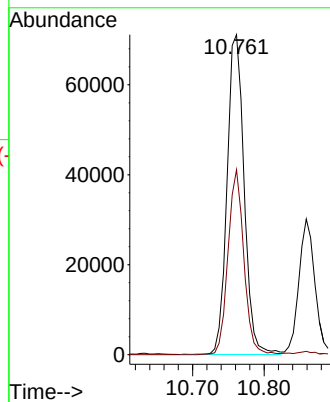
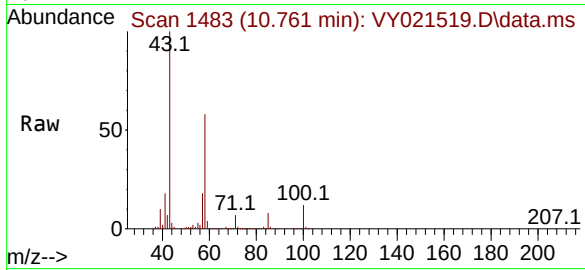
VY0313SBSD01

Tgt Ion: 43 Resp: 117526

Ion Ratio Lower Upper

43 100

58 53.9 27.3 81.8



#60

Dibromochloromethane

Concen: 22.682 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY021519.D

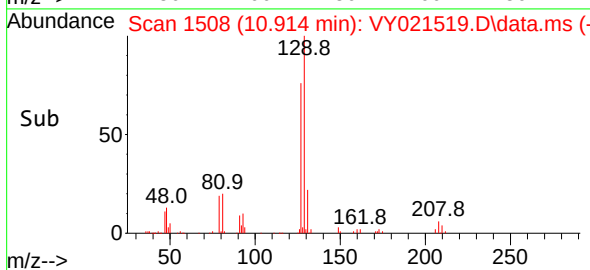
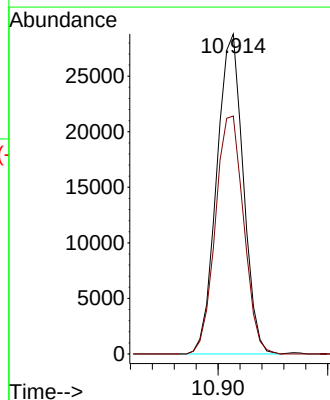
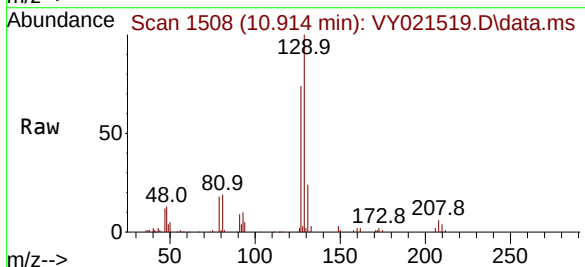
Acq: 13 Mar 2025 12:35

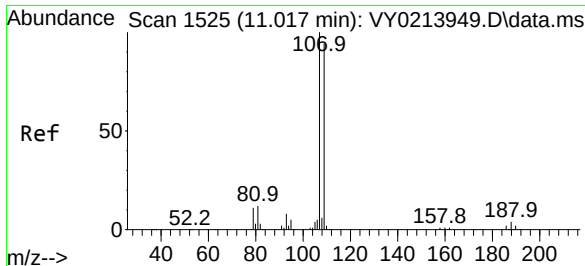
Tgt Ion:129 Resp: 48455

Ion Ratio Lower Upper

129 100

127 79.1 39.1 117.3





#61

1,2-Dibromoethane

Concen: 22.289 ug/l

RT: 11.011 min Scan# 1524

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

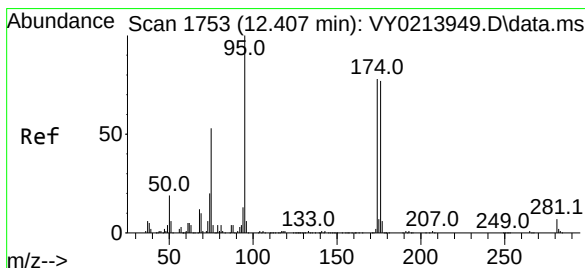
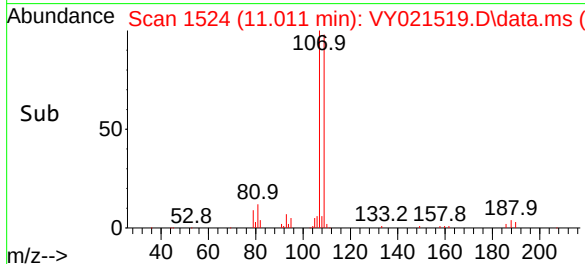
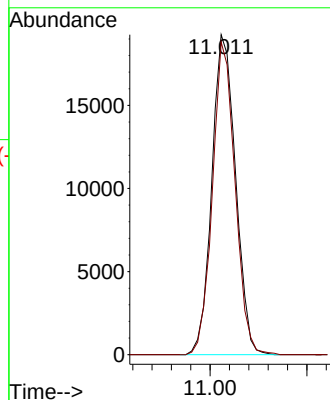
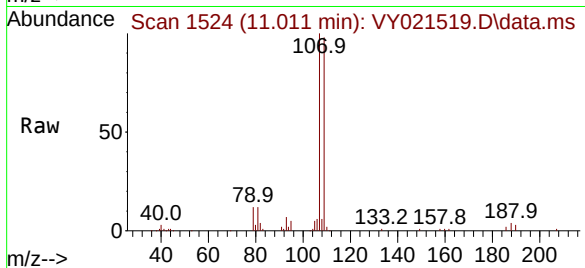
VY0313SBS01

Tgt Ion:107 Resp: 32780

Ion Ratio Lower Upper

107 100

109 93.0 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 56.763 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

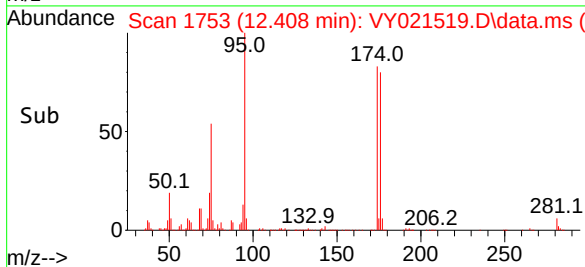
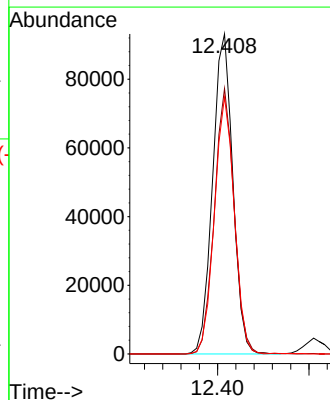
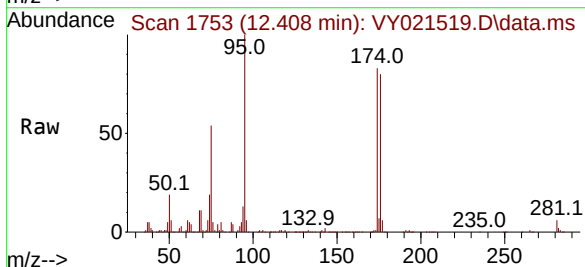
Tgt Ion: 95 Resp: 142626

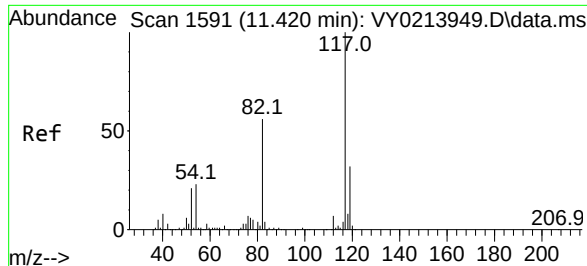
Ion Ratio Lower Upper

95 100

174 81.4 0.0 165.0

176 79.3 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

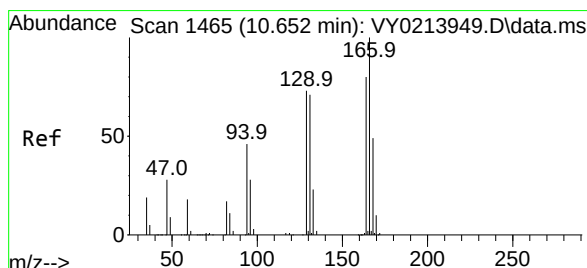
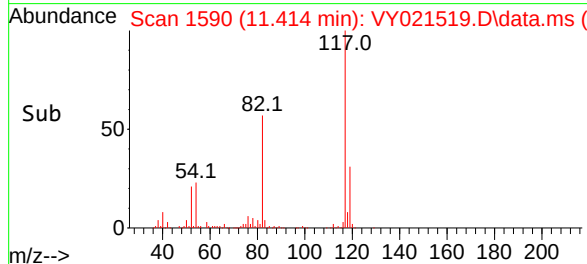
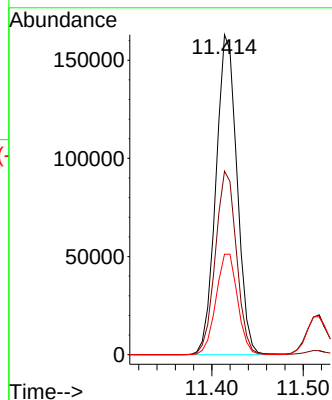
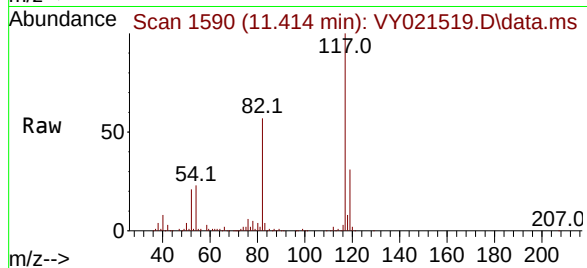
Tgt Ion:117 Resp: 261921

Ion Ratio Lower Upper

117 100

82 57.4 44.6 67.0

119 31.4 25.4 38.0



#64

Tetrachloroethene

Concen: 25.949 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Tgt Ion:164 Resp: 55268

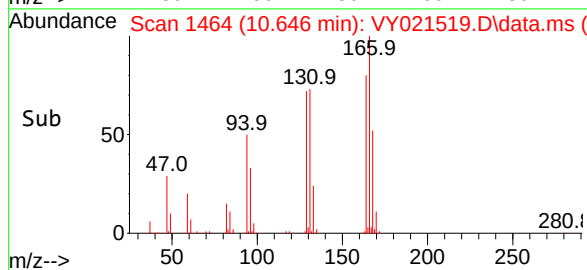
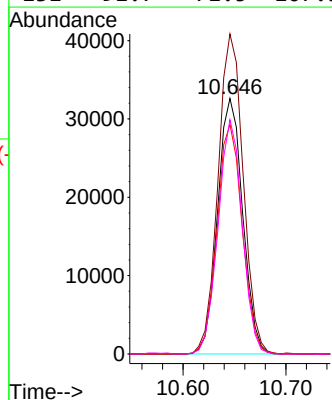
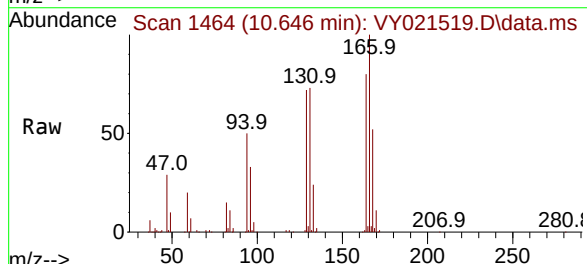
Ion Ratio Lower Upper

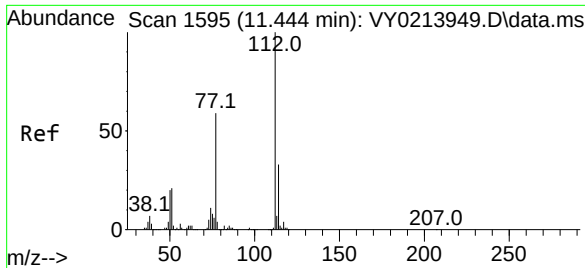
164 100

166 125.3 100.4 150.6

129 89.8 73.8 110.8

131 91.7 71.5 107.3





#65

Chlorobenzene

Concen: 21.845 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

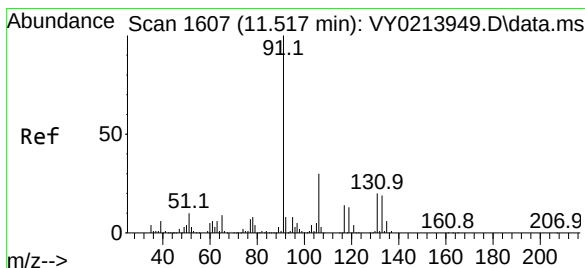
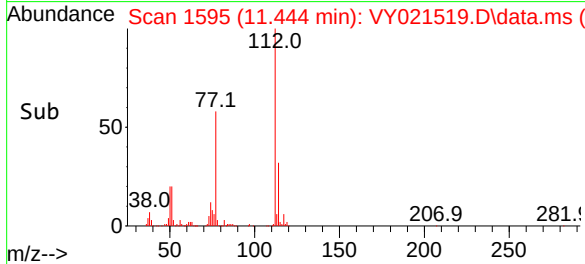
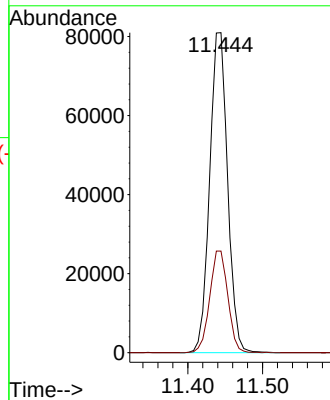
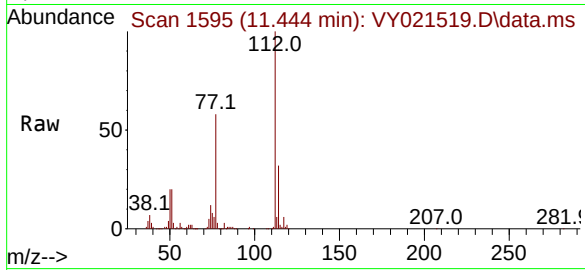
VY0313SBSD01

Tgt Ion:112 Resp: 135112

Ion Ratio Lower Upper

112 100

114 31.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 22.646 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

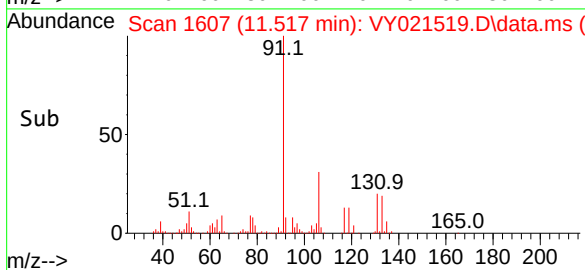
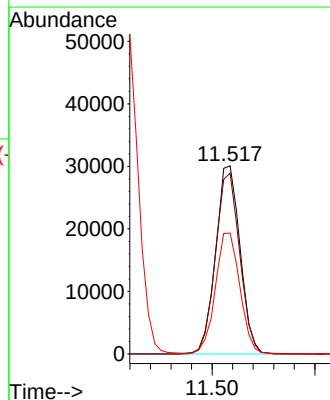
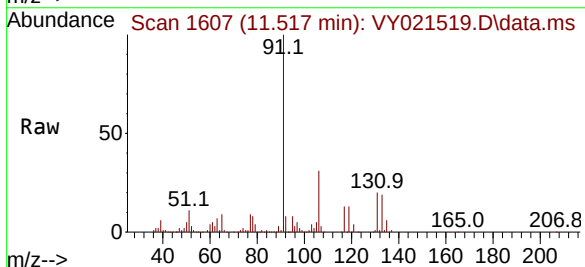
Tgt Ion:131 Resp: 49521

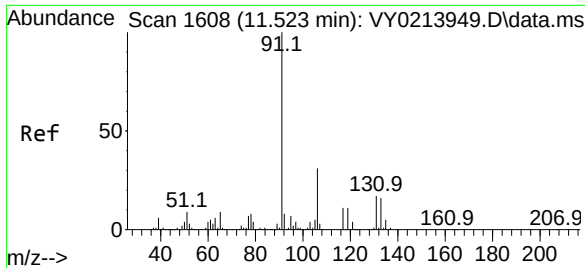
Ion Ratio Lower Upper

131 100

133 96.0 47.6 142.9

119 64.6 32.3 96.9





#67

Ethyl Benzene

Concen: 21.330 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

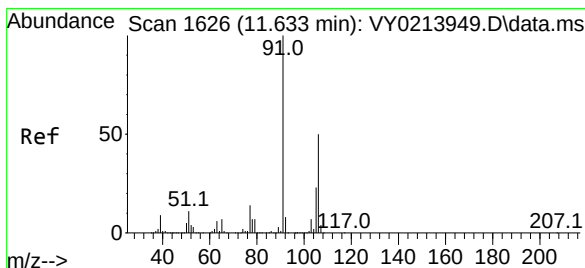
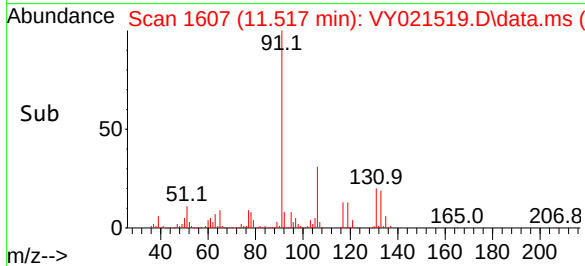
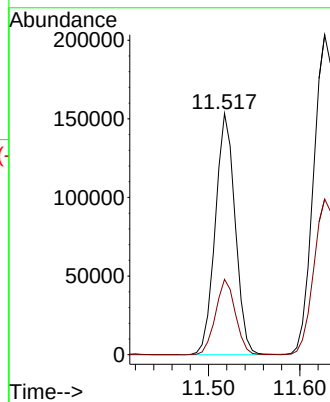
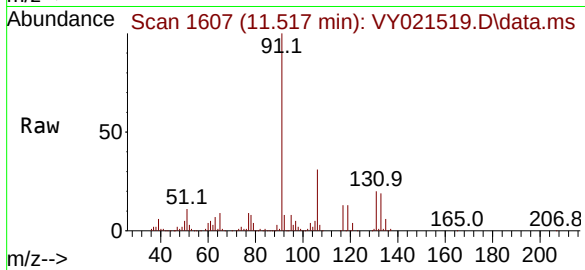
VY0313SBS01

Tgt Ion: 91 Resp: 231563

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 43.535 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021519.D

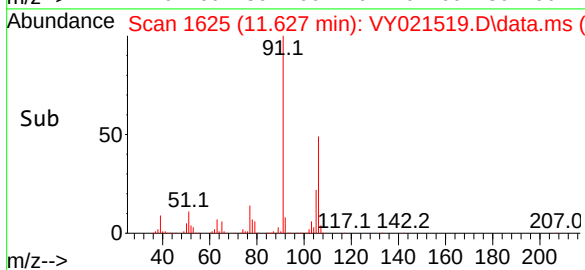
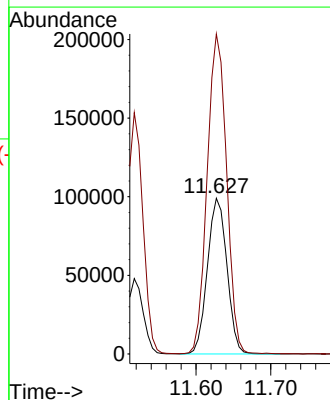
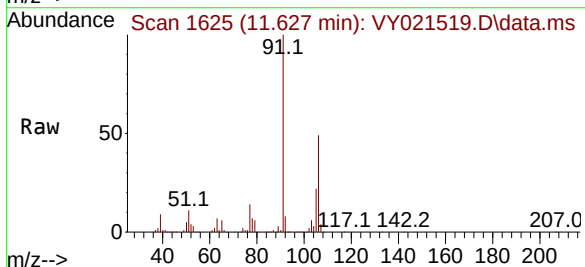
Acq: 13 Mar 2025 12:35

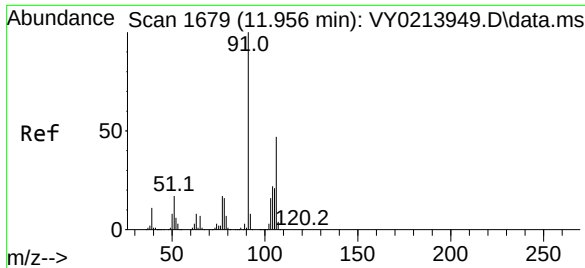
Tgt Ion: 106 Resp: 179430

Ion Ratio Lower Upper

106 100

91 203.8 161.7 242.5





#69

o-Xylene

Concen: 21.322 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

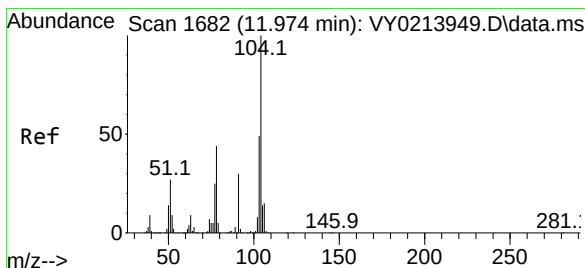
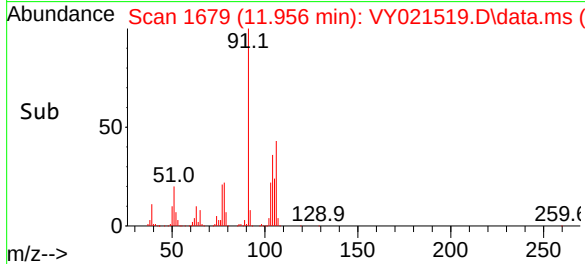
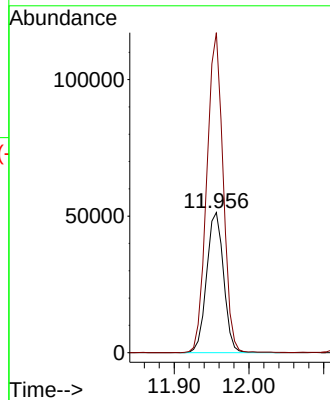
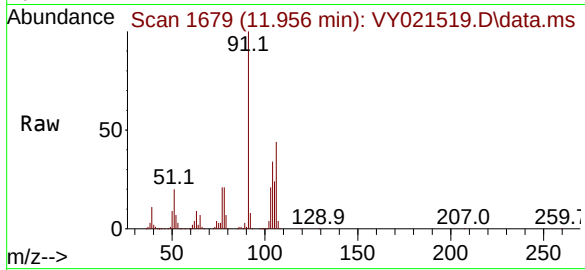
VY0313SBSD01

Tgt Ion:106 Resp: 80992

Ion Ratio Lower Upper

106 100

91 220.1 107.6 322.8



#70

Styrene

Concen: 22.092 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

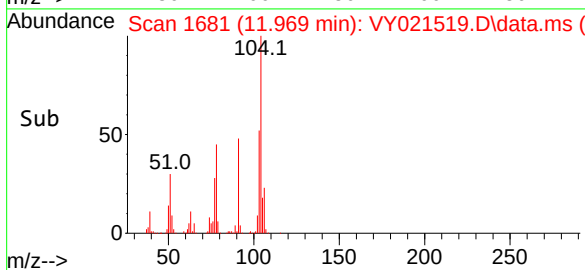
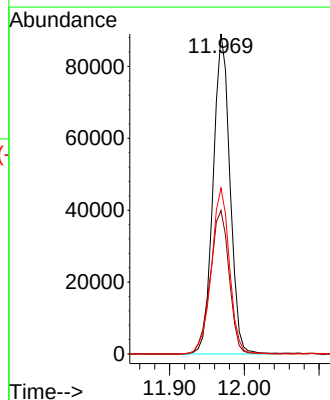
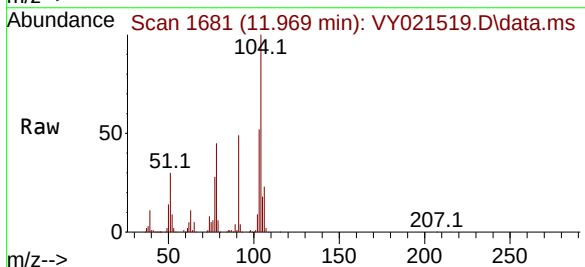
Tgt Ion:104 Resp: 139214

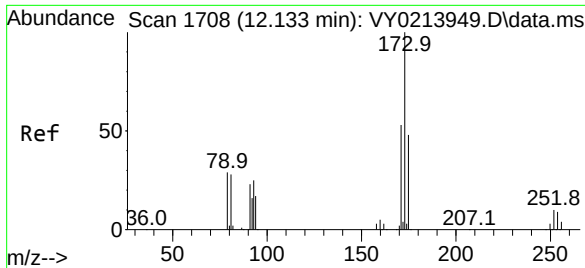
Ion Ratio Lower Upper

104 100

78 50.5 40.7 61.1

103 55.5 44.1 66.1

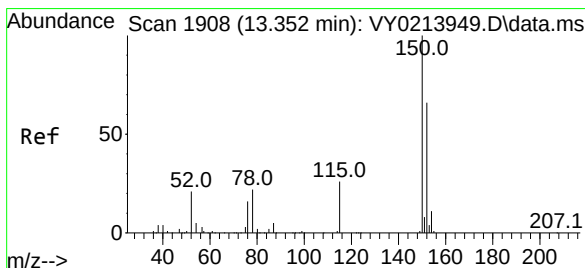
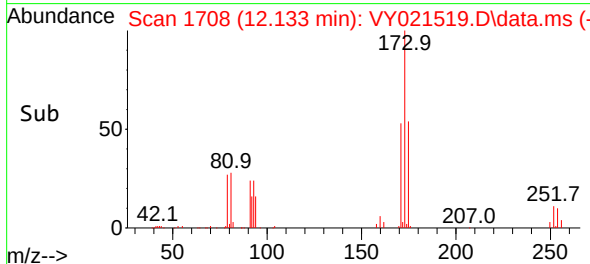
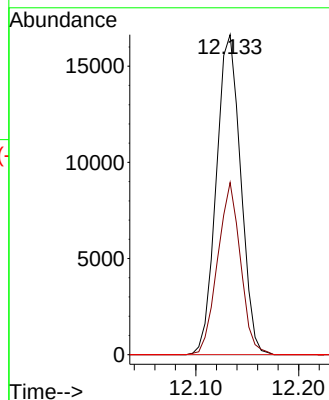
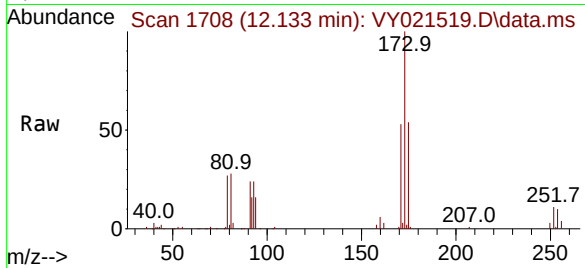




#71
Bromoform
Concen: 22.417 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

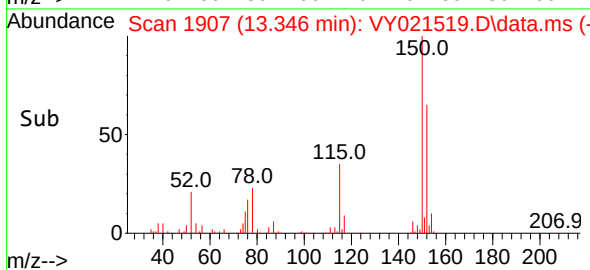
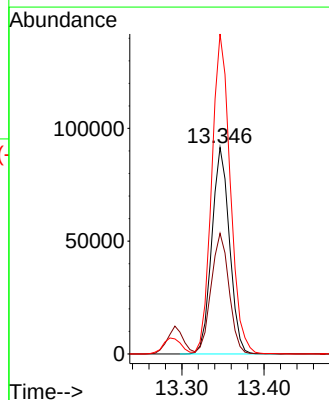
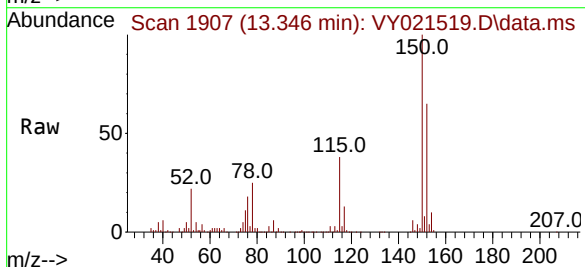
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

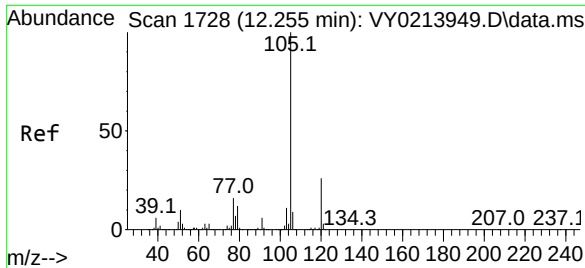
Tgt Ion:173 Resp: 27403
Ion Ratio Lower Upper
173 100
175 50.7 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion:152 Resp: 136724
Ion Ratio Lower Upper
152 100
115 59.0 29.0 87.0
150 162.9 0.0 347.2

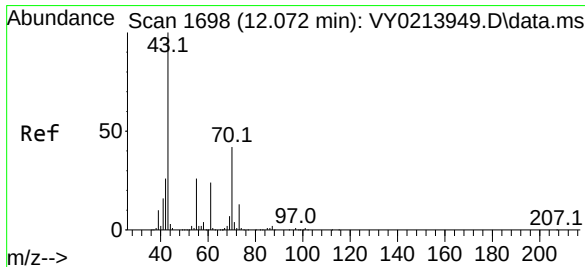
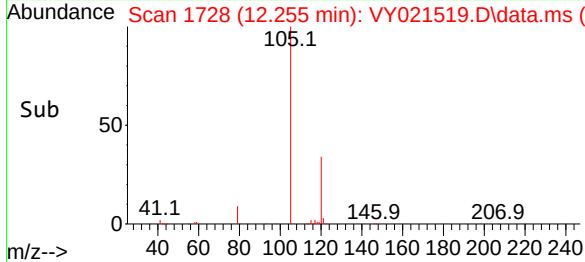
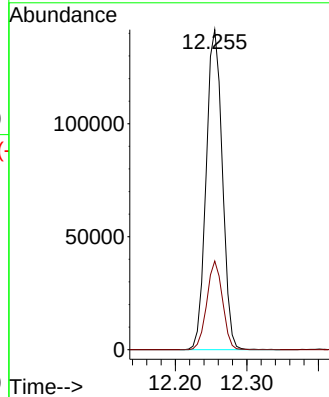
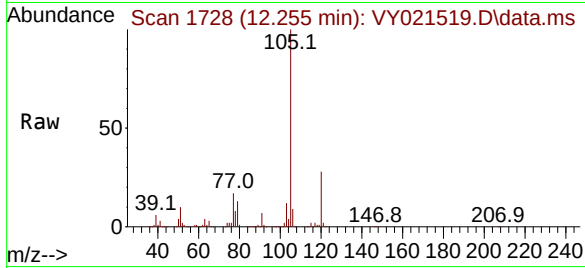




#73
Isopropylbenzene
Concen: 20.657 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

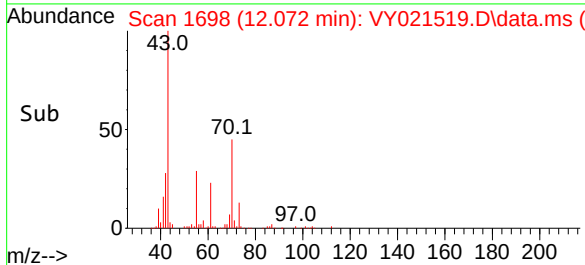
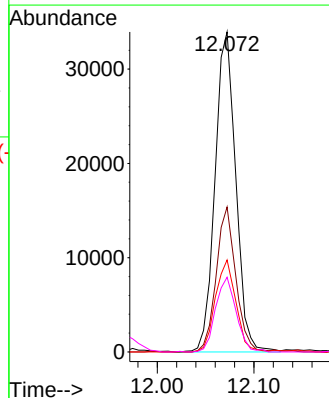
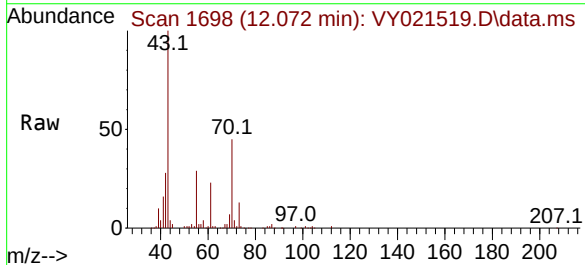
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

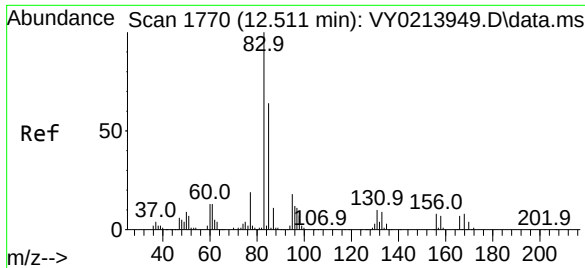
Tgt Ion:105 Resp: 222480
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.3



#74
N-ethyl acetate
Concen: 21.611 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 43 Resp: 50548
Ion Ratio Lower Upper
43 100
70 43.3 34.6 51.8
55 28.5 21.1 31.7
61 23.2 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.116 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

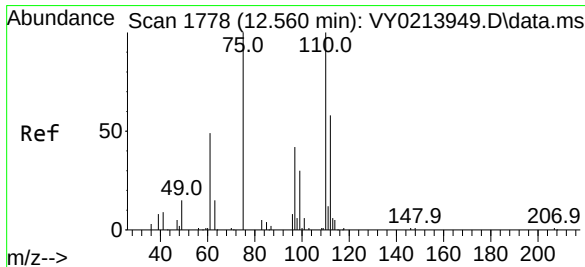
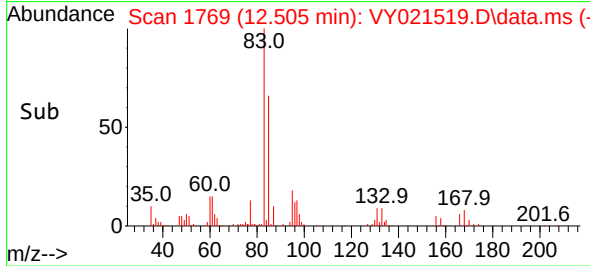
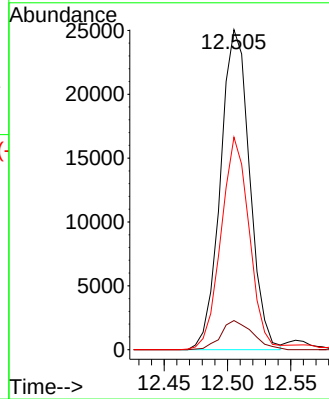
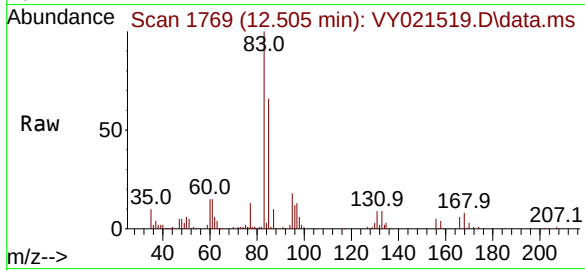
Tgt Ion: 83 Resp: 40133

Ion Ratio Lower Upper

83 100

131 9.9 5.3 16.1

85 64.6 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 21.799 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY021519.D

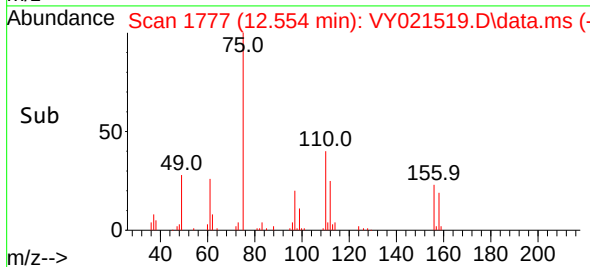
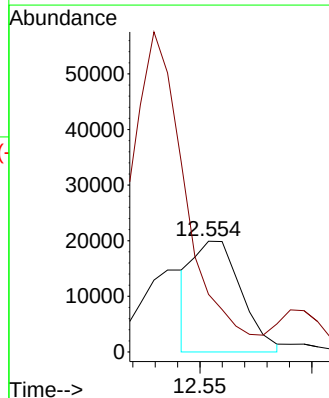
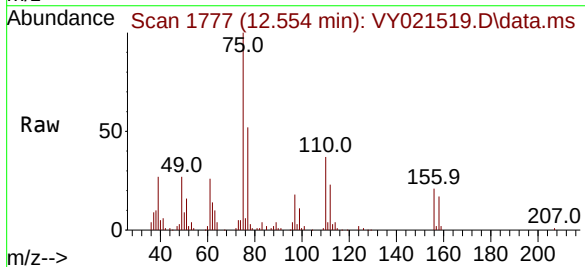
Acq: 13 Mar 2025 12:35

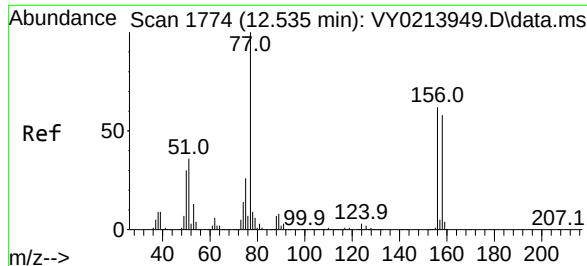
Tgt Ion: 75 Resp: 30033

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.052 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

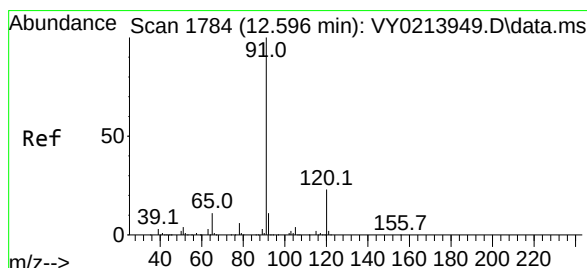
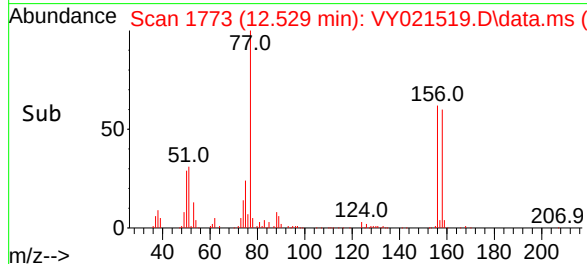
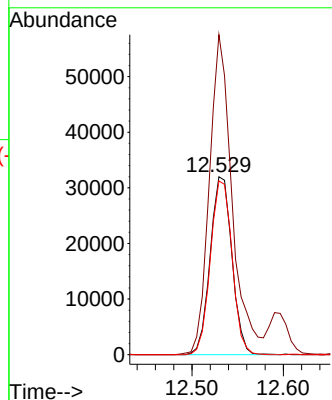
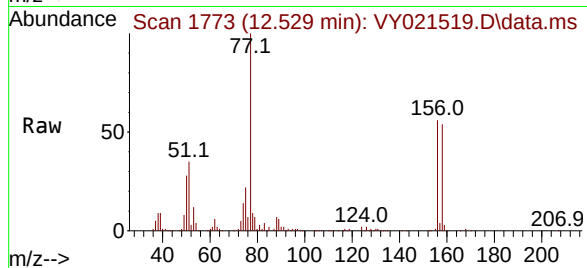
Tgt Ion:156 Resp: 53044

Ion Ratio Lower Upper

156 100

77 188.4 93.6 280.8

158 97.3 48.3 144.8



#78

n-propylbenzene

Concen: 21.048 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021519.D

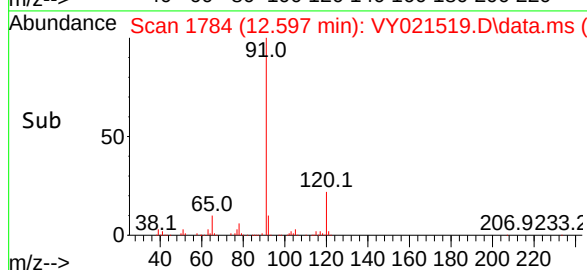
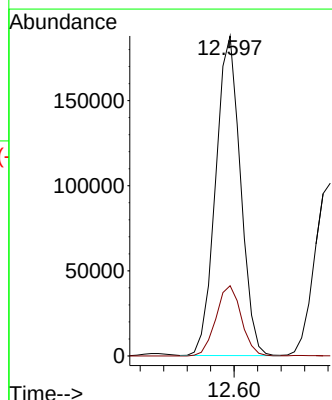
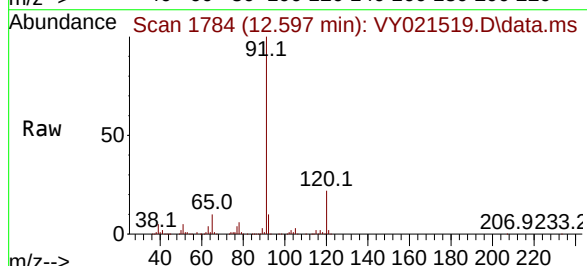
Acq: 13 Mar 2025 12:35

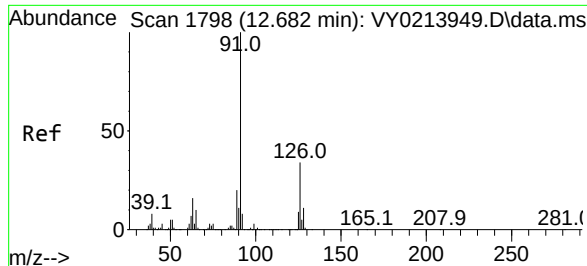
Tgt Ion: 91 Resp: 275313

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.8





#79

2-Chlorotoluene

Concen: 20.992 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

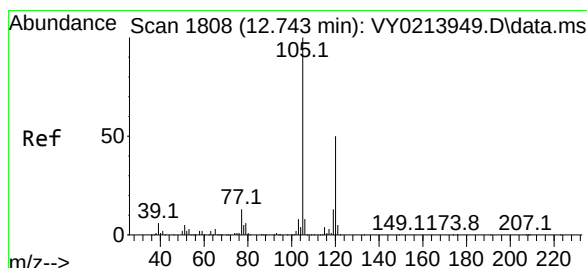
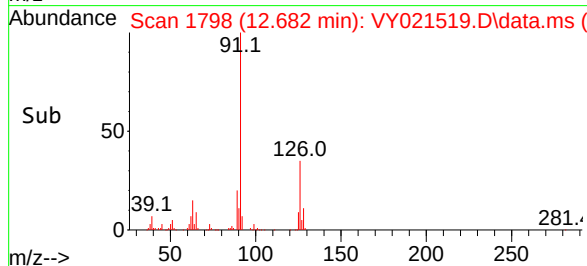
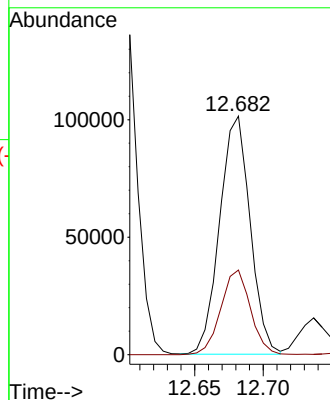
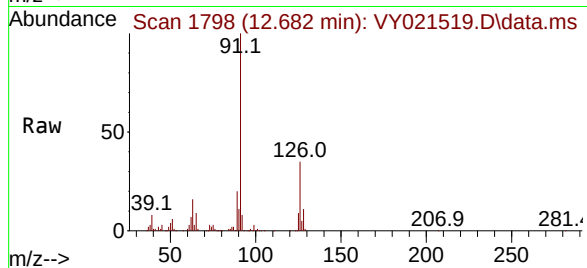
VY0313SBS01

Tgt Ion: 91 Resp: 156999

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 20.973 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021519.D

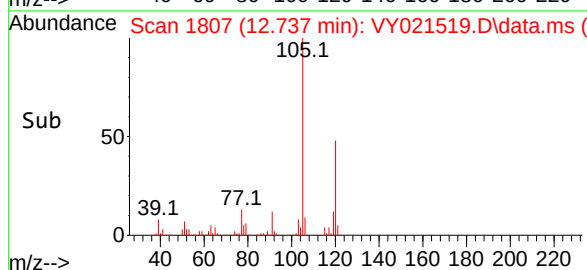
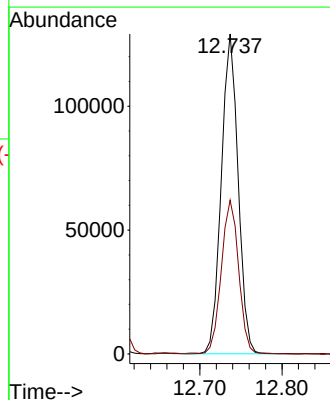
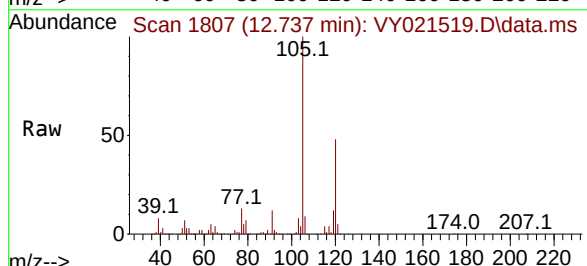
Acq: 13 Mar 2025 12:35

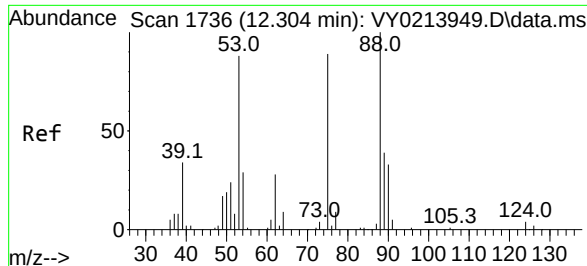
Tgt Ion: 105 Resp: 183562

Ion Ratio Lower Upper

105 100

120 49.7 24.6 73.6

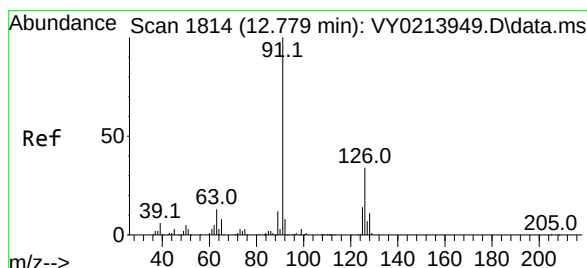
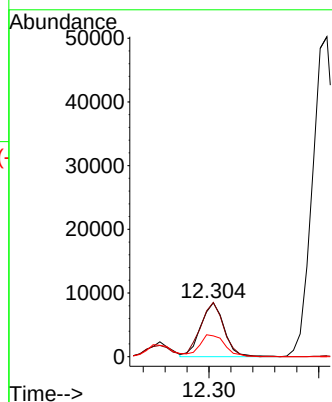
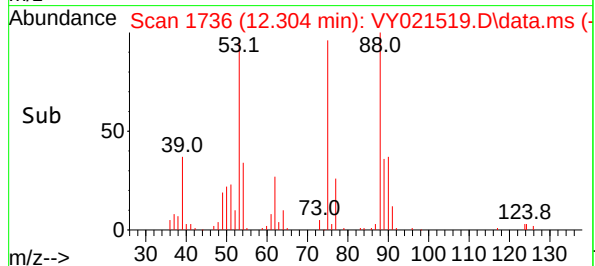
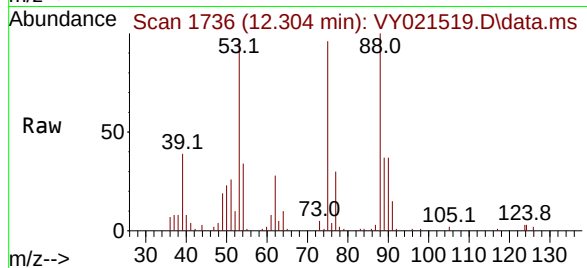




#81
trans-1,4-Dichloro-2-butene
Concen: 20.686 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

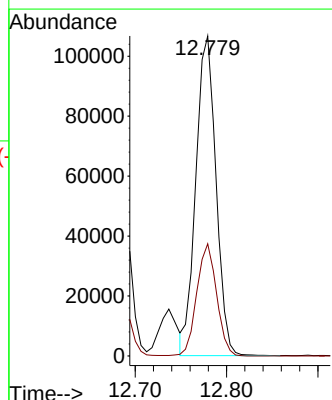
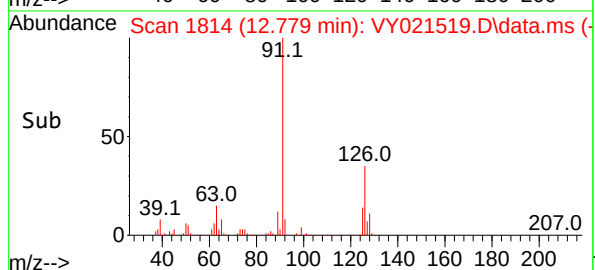
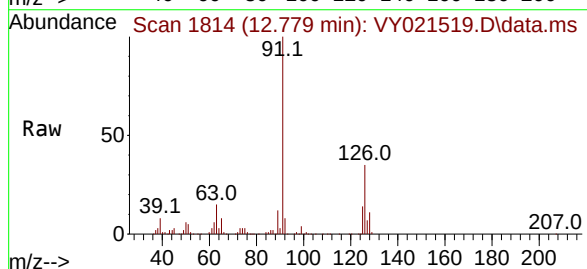
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

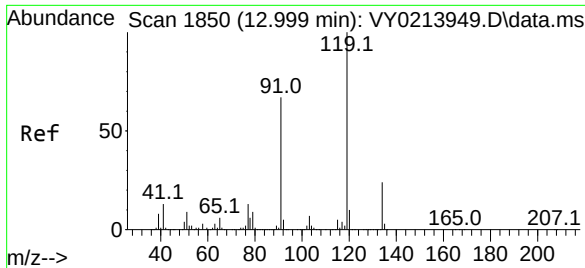
Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.7	81.0	121.4
89	42.7	36.9	55.3



#82
4-Chlorotoluene
Concen: 21.097 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.0	51.0





#83

tert-Butylbenzene

Concen: 20.695 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

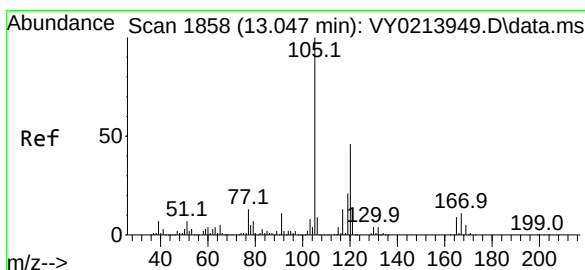
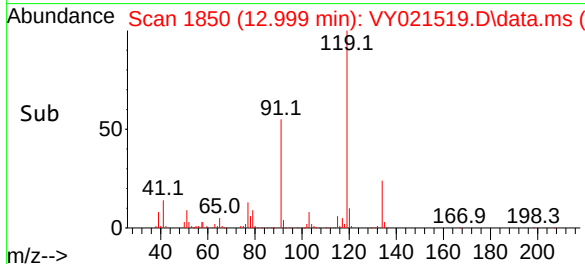
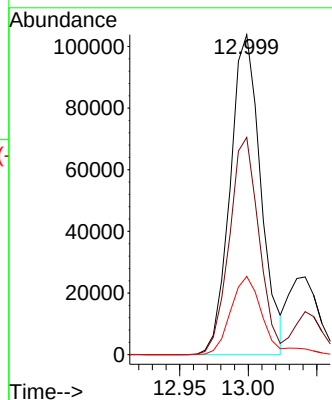
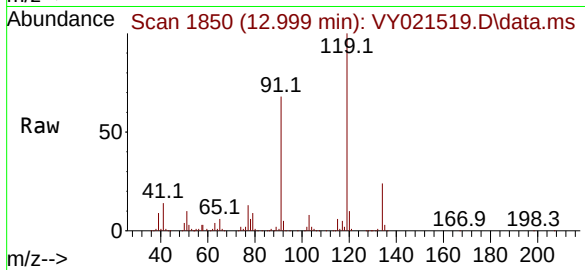
Tgt Ion:119 Resp: 161590

Ion Ratio Lower Upper

119 100

91 65.9 33.2 99.6

134 26.0 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 21.268 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY021519.D

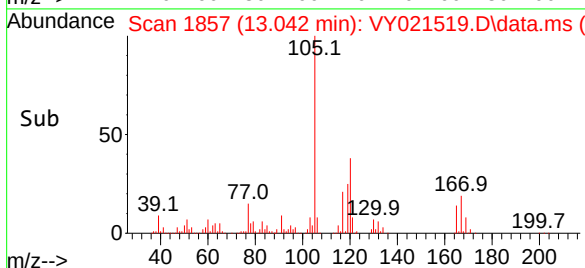
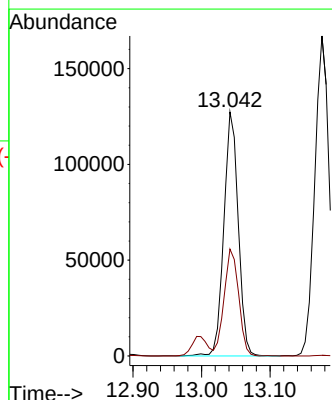
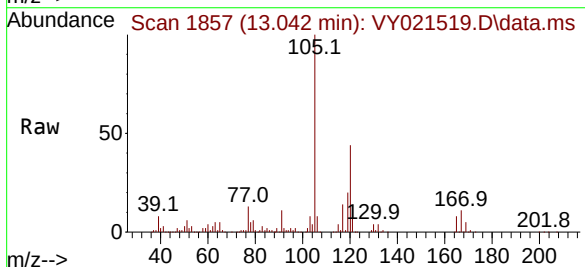
Acq: 13 Mar 2025 12:35

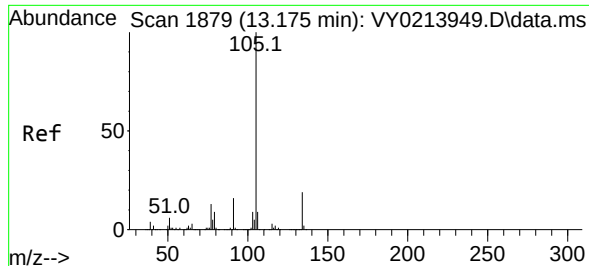
Tgt Ion:105 Resp: 184821

Ion Ratio Lower Upper

105 100

120 44.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.012 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

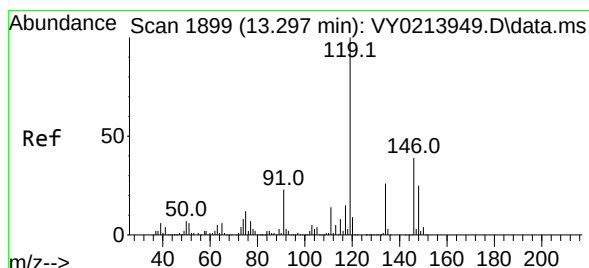
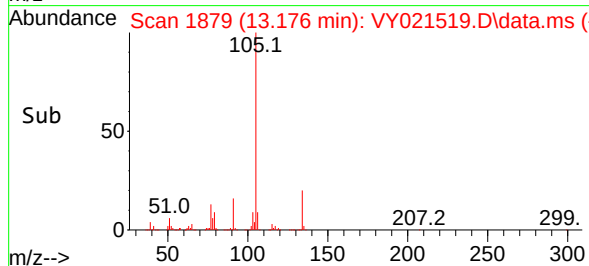
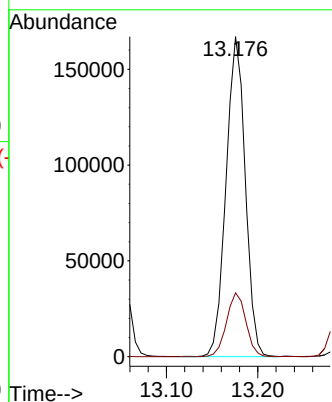
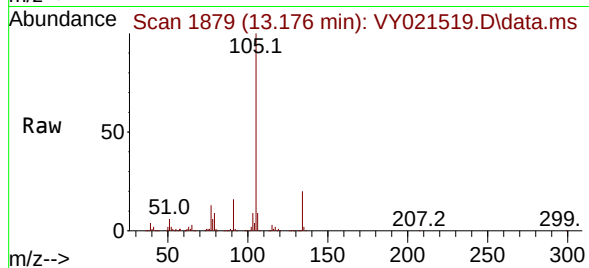
VY0313SBSD01

Tgt Ion:105 Resp: 244106

Ion Ratio Lower Upper

105 100

134 20.1 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.758 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

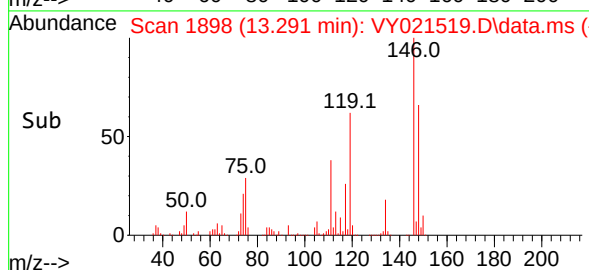
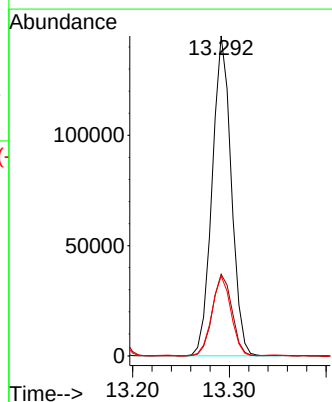
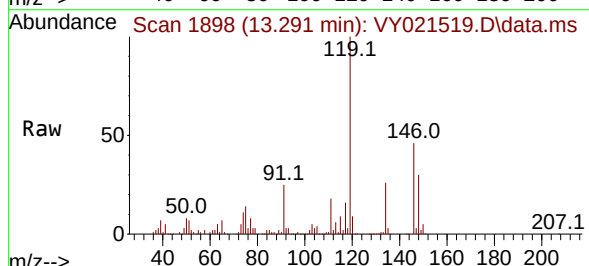
Tgt Ion:119 Resp: 198668

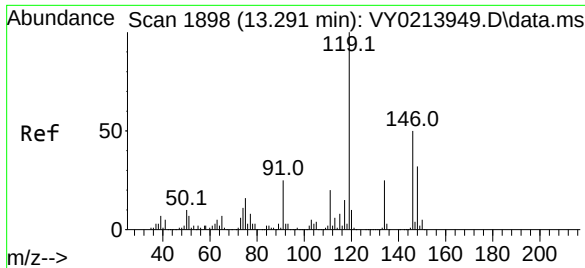
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 25.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 21.293 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

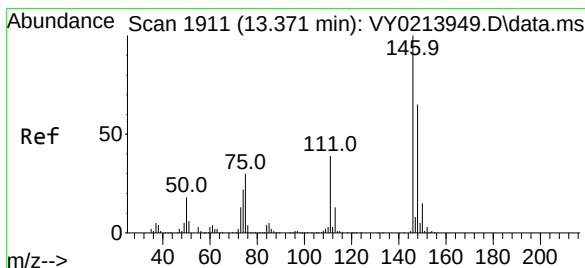
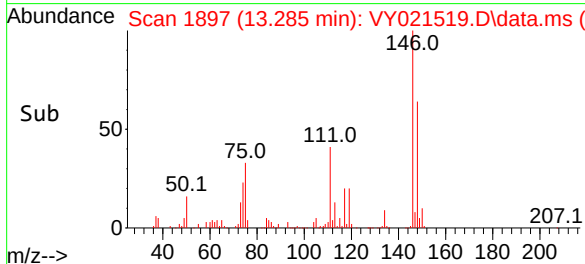
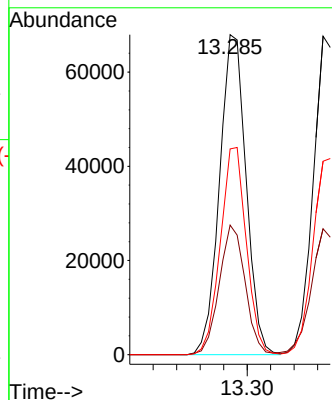
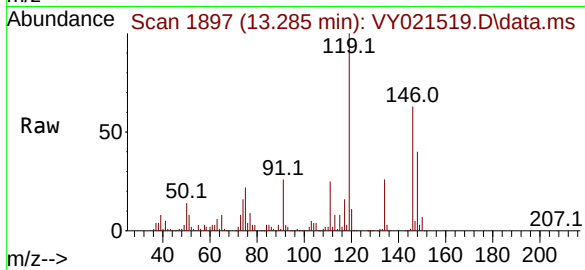
Tgt Ion:146 Resp: 106797

Ion Ratio Lower Upper

146 100

111 39.4 20.0 60.0

148 63.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.302 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

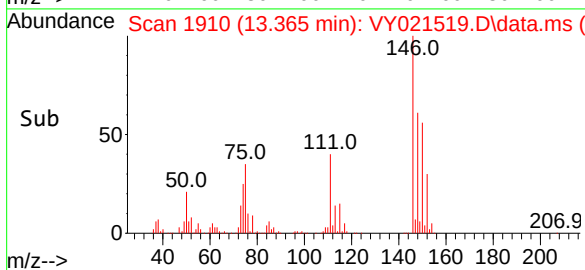
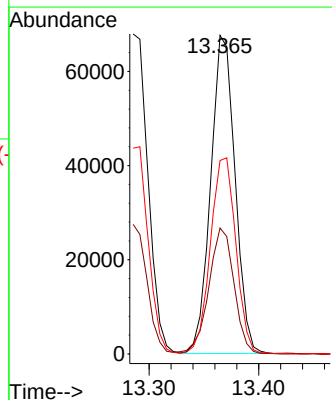
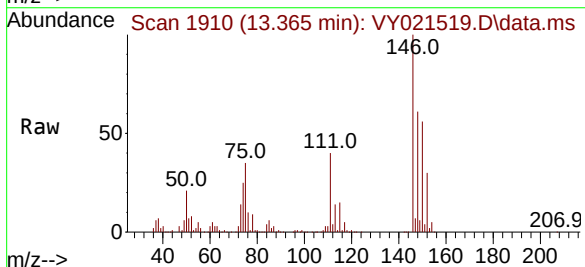
Tgt Ion:146 Resp: 104488

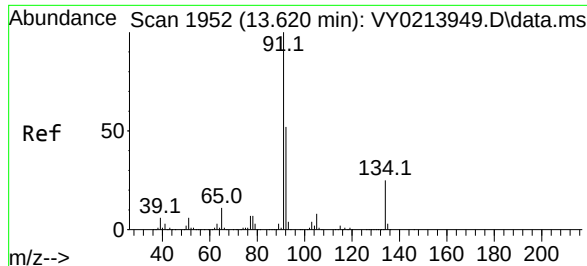
Ion Ratio Lower Upper

146 100

111 41.1 19.6 58.8

148 64.6 32.3 96.8





#89

n-Butylbenzene

Concen: 20.965 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

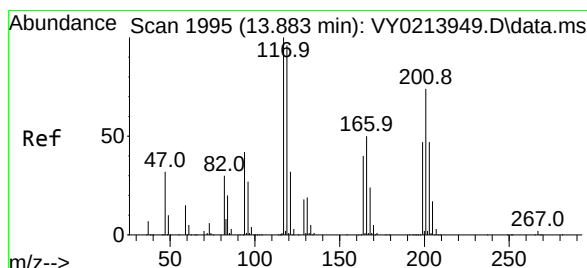
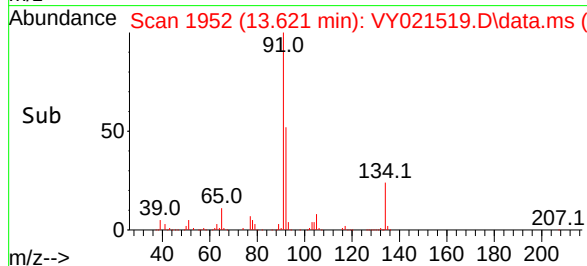
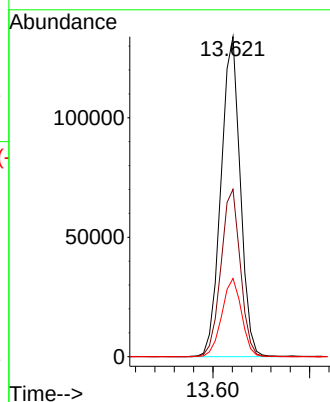
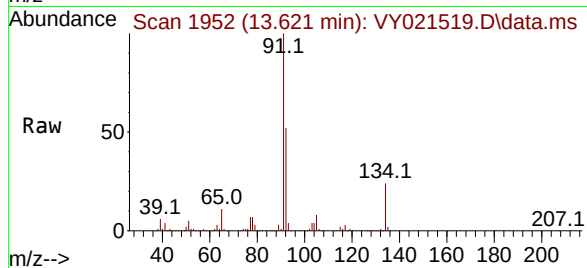
Tgt Ion: 91 Resp: 185284

Ion Ratio Lower Upper

91 100

92 52.5 26.1 78.3

134 25.0 12.6 37.8



#90

Hexachloroethane

Concen: 21.224 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021519.D

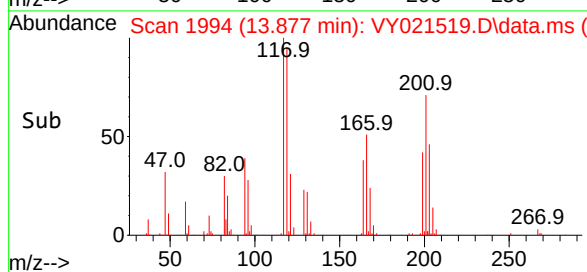
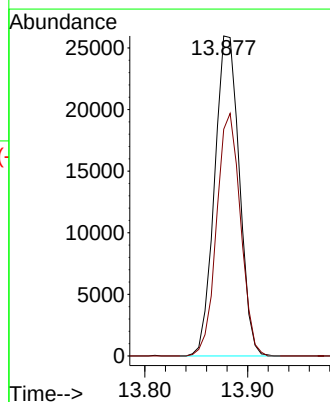
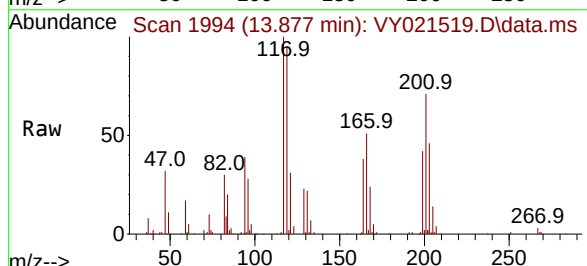
Acq: 13 Mar 2025 12:35

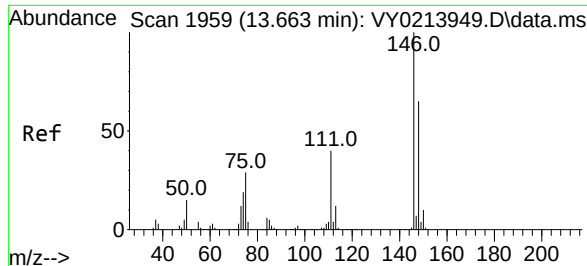
Tgt Ion: 117 Resp: 43334

Ion Ratio Lower Upper

117 100

201 73.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.978 ug/l

RT: 13.657 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

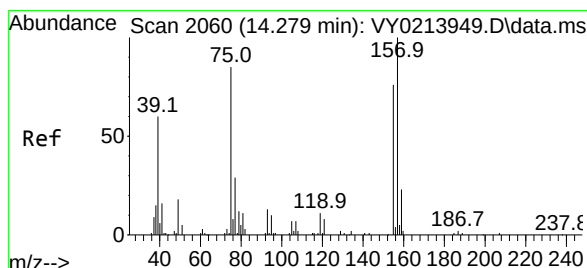
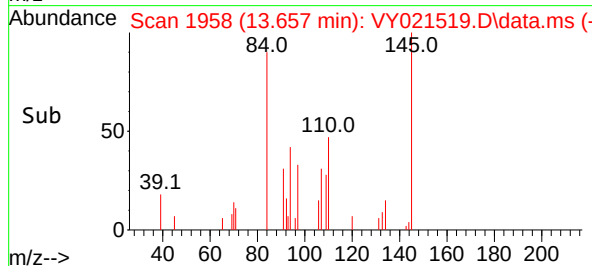
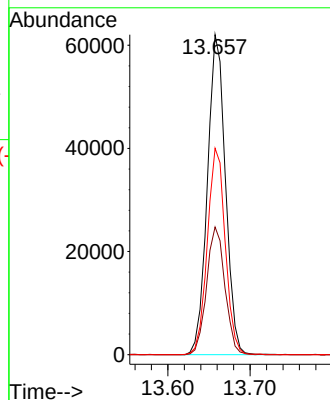
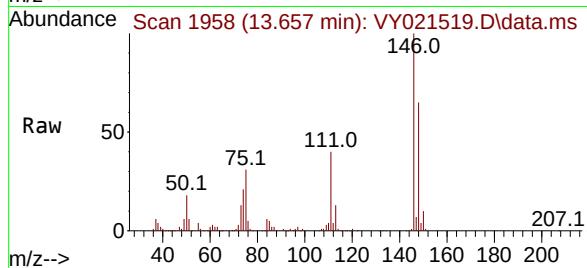
Tgt Ion:146 Resp: 94479

Ion Ratio Lower Upper

146 100

111 40.5 20.7 62.1

148 64.1 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.110 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

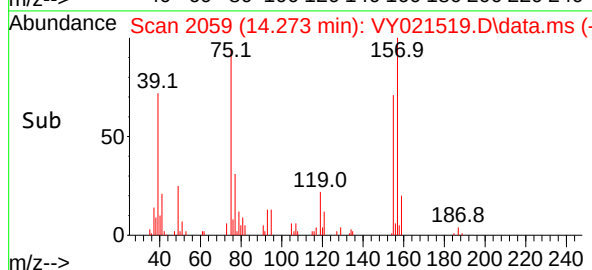
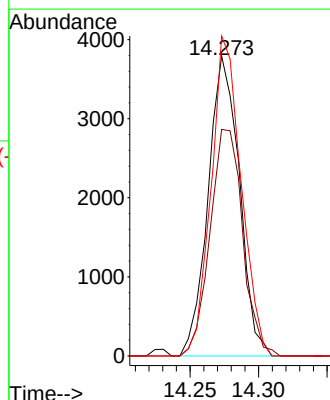
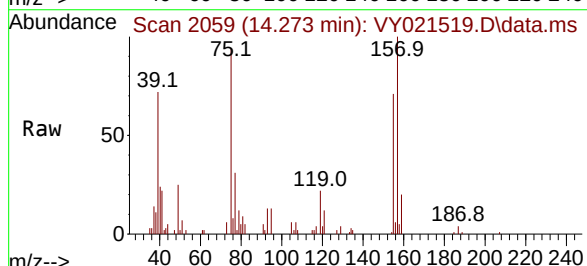
Tgt Ion: 75 Resp: 6010

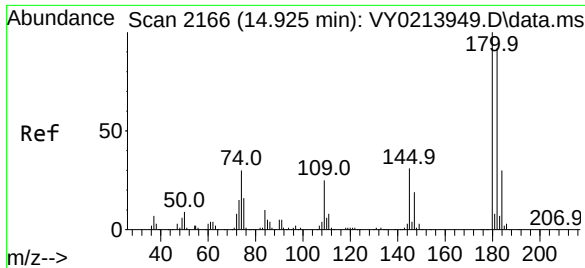
Ion Ratio Lower Upper

75 100

155 78.8 43.5 130.5

157 102.5 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 21.569 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

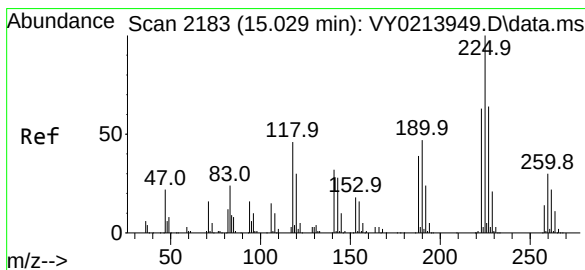
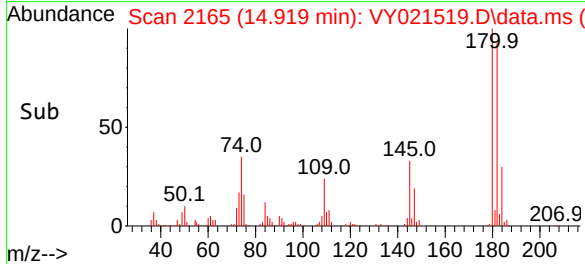
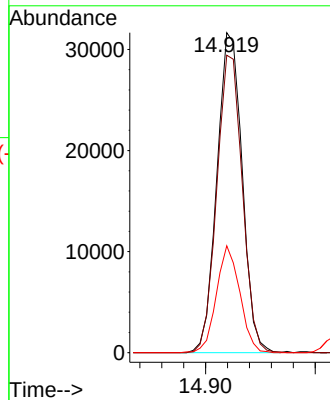
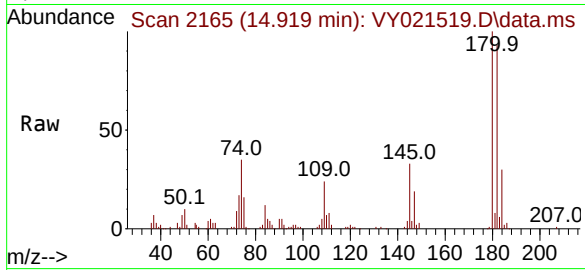
Tgt Ion:180 Resp: 50644

Ion Ratio Lower Upper

180 100

182 94.0 46.7 140.0

145 31.0 15.6 46.8



#94

Hexachlorobutadiene

Concen: 22.077 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

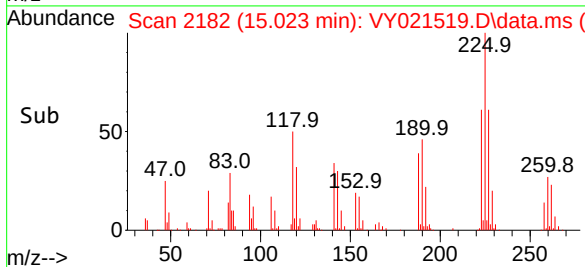
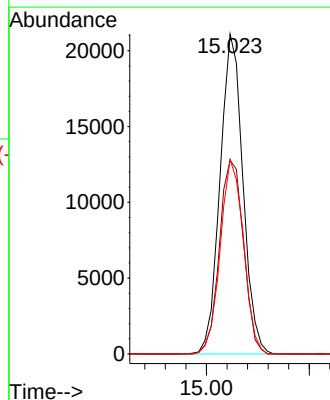
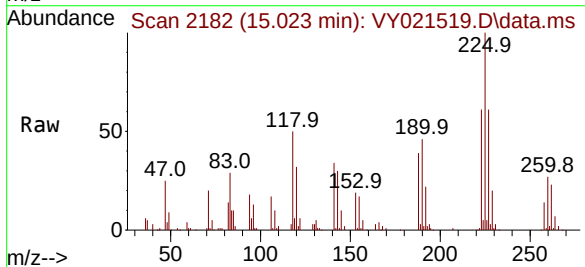
Tgt Ion:225 Resp: 32494

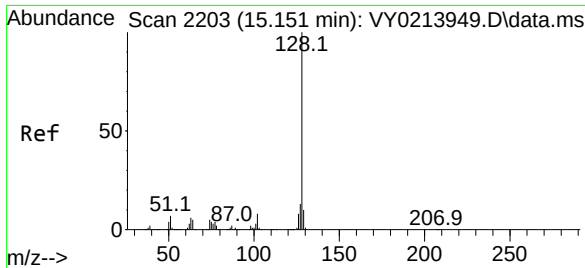
Ion Ratio Lower Upper

225 100

223 63.8 31.4 94.2

227 61.8 31.8 95.4





#95

Naphthalene

Concen: 21.881 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

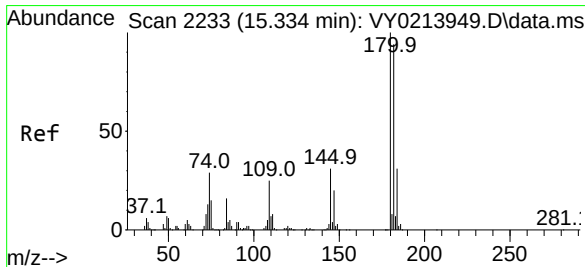
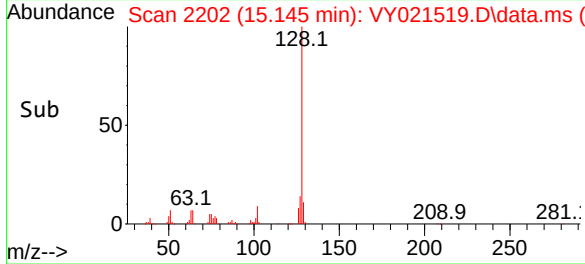
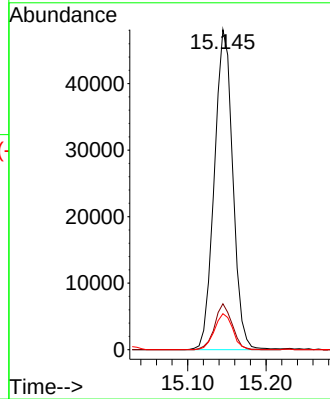
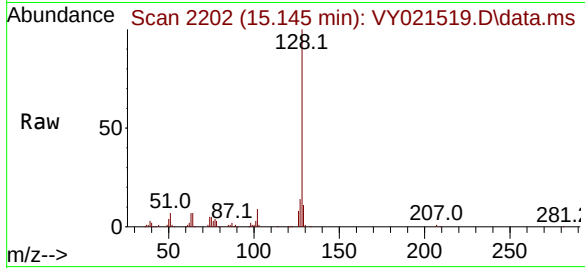
Tgt Ion:128 Resp: 78914

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.038 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

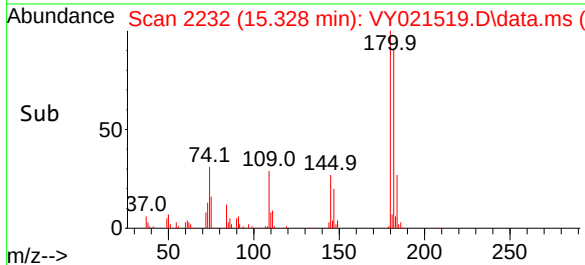
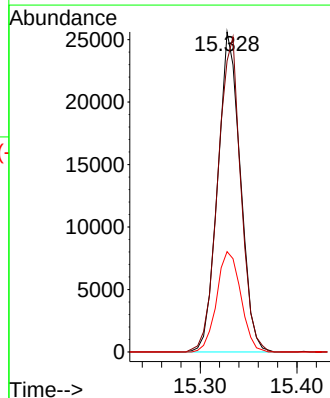
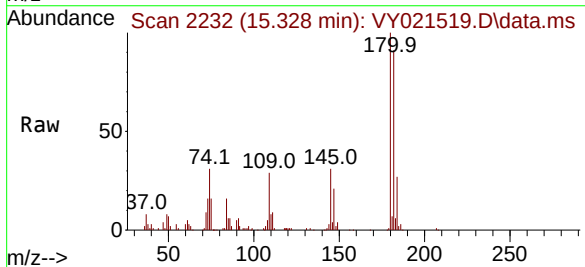
Tgt Ion:180 Resp: 41545

Ion Ratio Lower Upper

180 100

182 99.9 47.2 141.6

145 33.4 16.4 49.1



Manual Integration Report

Sequence:	VY030425	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC010	VY021397.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:34 PM	SAM	3/6/2025 3:00:08 PM	Peak Integrated by Software
VSTDICC010	VY021397.D	Methacrylonitrile	MMDadoda	3/6/2025 2:55:34 PM	SAM	3/6/2025 3:00:08 PM	Peak Integrated by Software
VSTDICC010	VY021397.D	Tert butyl alcohol	MMDadoda	3/6/2025 2:55:34 PM	SAM	3/6/2025 3:00:08 PM	Peak Integrated by Software
VSTDICC020	VY021398.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:33 PM	SAM	3/6/2025 3:00:07 PM	Peak Integrated by Software
VSTDICC020	VY021398.D	Ethyl Acetate	MMDadoda	3/6/2025 2:55:33 PM	SAM	3/6/2025 3:00:07 PM	Peak Integrated by Software
VSTDICCC050	VY021399.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:35 PM	SAM	3/6/2025 3:00:06 PM	Peak Integrated by Software
VSTDICC100	VY021400.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:49 PM	SAM	3/6/2025 3:00:09 PM	Peak Integrated by Software
VSTDICC150	VY021401.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:42 PM	SAM	3/6/2025 3:00:14 PM	Peak Integrated by Software
VSTDICC005	VY021403.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:43 PM	SAM	3/6/2025 3:00:17 PM	Peak Integrated by Software
VSTDICC005	VY021403.D	Ethyl Acetate	MMDadoda	3/6/2025 2:55:43 PM	SAM	3/6/2025 3:00:17 PM	Peak Integrated by Software
VSTDICV050	VY021404.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:47 PM	SAM	3/6/2025 3:00:16 PM	Peak Integrated by Software
VSTDICV050	VY021404.D	Methacrylonitrile	MMDadoda	3/6/2025 2:55:47 PM	SAM	3/6/2025 3:00:16 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

VY030425

Instrument

MSVOA_y

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



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

Manual Integration Report

Sequence:

VY031325

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 # VY030425

Review By	Mahesh Dadoda	Review On	3/5/2025 12:14:39 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/5/2025 12:18:08 PM		
SubDirectory	VY030425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP133216			
Initial Calibration Stds		VP133207,VP133208,VP133209,VP133210,VP133211,VP133212			
CCC		VP133214,VP133215			
Internal Standard/PEM		VP131783			
ICV/I.BLK		VP133213			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021395.D	04 Mar 2025 08:52	SY/MD	Ok
2	VSTDIC005	VY021396.D	04 Mar 2025 09:23	SY/MD	Not Ok
3	VSTDIC010	VY021397.D	04 Mar 2025 09:46	SY/MD	Ok,M
4	VSTDIC020	VY021398.D	04 Mar 2025 10:09	SY/MD	Ok,M
5	VSTDIC050	VY021399.D	04 Mar 2025 10:30	SY/MD	Ok,M
6	VSTDIC100	VY021400.D	04 Mar 2025 11:06	SY/MD	Ok,M
7	VSTDIC150	VY021401.D	04 Mar 2025 11:29	SY/MD	Ok,M
8	VIBLK	VY021402.D	04 Mar 2025 11:52	SY/MD	Ok
9	VSTDIC005	VY021403.D	04 Mar 2025 12:15	SY/MD	Ok,M
10	VSTDICV050	VY021404.D	04 Mar 2025 13:12	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY031325

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	VY031325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP133260			
CCC		VP133261,VP133262			
Internal Standard/PEM		VP131783			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021515.D	13 Mar 2025 09:58	SY/MD	Ok
2	VSTDCCC050	VY021516.D	13 Mar 2025 10:31	SY/MD	Ok,NR
3	VY0313SBL01	VY021517.D	13 Mar 2025 11:27	SY/MD	Ok
4	VY0313SBS01	VY021518.D	13 Mar 2025 12:13	SY/MD	Ok,NR
5	VY0313SBSD01	VY021519.D	13 Mar 2025 12:35	SY/MD	Ok,NR
6	Q1545-02	VY021520.D	13 Mar 2025 13:11	SY/MD	Not Ok
7	Q1553-01	VY021521.D	13 Mar 2025 13:34	SY/MD	ReRun
8	Q1542-02	VY021522.D	13 Mar 2025 13:58	SY/MD	Ok,NR
9	Q1556-01	VY021523.D	13 Mar 2025 14:21	SY/MD	Not Ok
10	Q1552-02	VY021524.D	13 Mar 2025 14:44	SY/MD	Ok
11	Q1549-01	VY021525.D	13 Mar 2025 15:08	SY/MD	Ok
12	Q1549-01RE	VY021526.D	13 Mar 2025 15:41	SY/MD	Not Ok
13	Q1556-01	VY021527.D	13 Mar 2025 16:05	SY/MD	Ok
14	VSTDCCC050	VY021528.D	13 Mar 2025 16:30	SY/MD	Ok,NR

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY030425

Review By	Mahesh Dadoda	Review On	3/5/2025 12:14:39 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/5/2025 12:18:08 PM		
SubDirectory	VY030425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133216
Initial Calibration Stds	VP133207,VP133208,VP133209,VP133210,VP133211,VP133212
CCC	VP133214,VP133215
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133213
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021395.D	04 Mar 2025 08:52		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY021396.D	04 Mar 2025 09:23	not used	SY/MD	Not Ok
3	VSTDICC010	VSTDICC010	VY021397.D	04 Mar 2025 09:46		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY021398.D	04 Mar 2025 10:09	Comp.#11 is on Linear Regression	SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY021399.D	04 Mar 2025 10:30	Comp.#95 is on Quadratic Regression	SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY021400.D	04 Mar 2025 11:06		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY021401.D	04 Mar 2025 11:29	Method fail for comp.#13	SY/MD	Ok,M
8	VIBLK	VIBLK	VY021402.D	04 Mar 2025 11:52		SY/MD	Ok
9	VSTDICC005	VSTDICC005	VY021403.D	04 Mar 2025 12:15		SY/MD	Ok,M
10	VSTDICV050	ICVVY030425	VY021404.D	04 Mar 2025 13:12		SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY031325

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	VY031325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m
STD. NAME	STD REF.#				
Tune/Reschk Initial Calibration Stds	VP133260				
CCC	VP133261,VP133262				
Internal Standard/PEM	VP131783				
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021515.D	13 Mar 2025 09:58		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY021516.D	13 Mar 2025 10:31		SY/MD	Ok,NR
3	VY0313SBL01	VY0313SBL01	VY021517.D	13 Mar 2025 11:27		SY/MD	Ok
4	VY0313SBS01	VY0313SBS01	VY021518.D	13 Mar 2025 12:13		SY/MD	Ok,NR
5	VY0313SBSD01	VY0313SBSD01	VY021519.D	13 Mar 2025 12:35		SY/MD	Ok,NR
6	Q1545-02	BU-02-031125	VY021520.D	13 Mar 2025 13:11	vial-B not purge	SY/MD	Not Ok
7	Q1553-01	RT2321	VY021521.D	13 Mar 2025 13:34	Vial-A Internal standard Fail	SY/MD	ReRun
8	Q1542-02	VOC	VY021522.D	13 Mar 2025 13:58	vial-B ISTD Fail	SY/MD	Ok,NR
9	Q1556-01	OR-02-031225	VY021523.D	13 Mar 2025 14:21	Vial-A not purged	SY/MD	Not Ok
10	Q1552-02	NB-418-JB-VOC-01	VY021524.D	13 Mar 2025 14:44	vial-A	SY/MD	Ok
11	Q1549-01	72-11978	VY021525.D	13 Mar 2025 15:08	vial-A ISTD Fail	SY/MD	Ok
12	Q1549-01RE	72-11978RE	VY021526.D	13 Mar 2025 15:41	vial-B not purge	SY/MD	Not Ok
13	Q1556-01	OR-02-031225	VY021527.D	13 Mar 2025 16:05	vial-B	SY/MD	Ok
14	VSTDCCC050	VSTDCCC050EC	VY021528.D	13 Mar 2025 16:30		SY/MD	Ok,NR

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/12/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 03/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 105
Time OUT: 08:14
Out Date: 03/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134991

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
Q1542-01	WASTE	1	1.15	8.70	9.85	8.57	85.3	
Q1542-02	VOC	2	1.15	8.83	9.98	8.75	86.1	
Q1542-03	1	3	1.16	8.74	9.9	8.6	85.1	
Q1542-04	2	4	1.15	8.82	9.97	8.84	87.2	
Q1542-05	3	5	1.15	8.42	9.57	8.24	84.2	
Q1542-06	4	6	1.15	8.84	9.99	8.86	87.2	
Q1542-07	5	7	1.17	8.44	9.61	8.46	86.4	
Q1542-08	6	8	1.16	8.82	9.98	8.68	85.3	
Q1544-01	1A-1B-1C	9	1.00	1.00	2.00	2.00	100.0	caluk
Q1544-02	2A-2B-2C	10	1.00	1.00	2.00	2.00	100.0	caluk
Q1544-03	3A-3B-3C	11	1.00	1.00	2.00	2.00	100.0	caluk
Q1544-04	4A-4B-4C	12	1.00	1.00	2.00	2.00	100.0	caluk
Q1544-05	5A-5B-5C	13	1.00	1.00	2.00	2.00	100.0	caluk
Q1545-01	BU-02-031125	14	1.16	9.18	10.34	10.01	96.4	
Q1545-02	BU-02-031125	15	1.17	9.27	10.44	10.06	95.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

JB 134991

WorkList Name : %1-031125 WorkList ID : 188174 Department : Wet-Chemistry Date : 03-11-2025 08:11:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1542-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	F11	03/10/2025	Chemtech -SO
Q1542-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	F11	03/10/2025	Chemtech -SO
Q1542-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	F11	03/10/2025	Chemtech -SO
Q1542-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	F11	03/10/2025	Chemtech -SO
Q1542-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	F11	03/10/2025	Chemtech -SO
Q1542-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	F11	03/10/2025	Chemtech -SO
Q1542-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	F11	03/10/2025	Chemtech -SO
Q1542-08	6	Solid	Percent Solids	Cool 4 deg C	SCIA01	F11	03/10/2025	Chemtech -SO
Q1544-01	1A-1B-1C	Solid	Percent Solids	Cool 4 deg C	ATCE02	F11	03/11/2025	Chemtech -SO
Q1544-02	2A-2B-2C	Solid	Percent Solids	Cool 4 deg C	ATCE02	F11	03/11/2025	Chemtech -SO
Q1544-03	3A-3B-3C	Solid	Percent Solids	Cool 4 deg C	ATCE02	F11	03/11/2025	Chemtech -SO
Q1544-04	4A-4B-4C	Solid	Percent Solids	Cool 4 deg C	ATCE02	F11	03/11/2025	Chemtech -SO
Q1544-05	5A-5B-5C	Solid	Percent Solids	Cool 4 deg C	ATCE02	F11	03/11/2025	Chemtech -SO
Q1545-01	BU-02-031125	Solid	Percent Solids	Cool 4 deg C	PSEG05	I41	03/11/2025	Chemtech -SO
Q1545-02	BU-02-031125	Solid	Percent Solids	Cool 4 deg C	PSEG05	I41	03/11/2025	Chemtech -SO

Date/Time 03/11/25 15:35

Raw Sample Received by: JB 134991

Raw Sample Relinquished by: JB 134991

Date/Time 03/11/25

Raw Sample Received by: JB 134991

Raw Sample Relinquished by: JB 134991



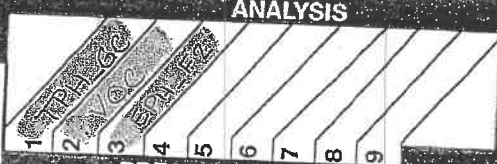
SHIPPING DOCUMENTS

CHEMTECH CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

248 Union St, Lodi

Chemtech Project Number Q1542
COC Number

CLIENT INFORMATION				PROJECT INFORMATION				BILLING INFORMATION								
Report to be sent to:				PROJECT NAME:				BILL TO:								
COMPANY:				PROJECT #:				ADDRESS:								
ADDRESS:				LOCATION:				CITY:								
CITY:				PROJECT MANAGER:				ATTENTION:								
STATE:				E-MAIL:				STATE:								
ZIP:				PHONE:				ZIP:								
PHONE:				FAX:				PHONE:								
FAX:				FAX:				FAX:								
DATA TURNAROUND INFORMATION				DATA DELIVERABLE INFORMATION				ANALYSIS								
FAX (RUSH) _____ DAYS*				☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data) ☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP ☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ EDD FORMAT ☐ Other _____												
HARDCOPY (DATA PACKAGE): _____ DAYS*																
EDD: _____ DAYS*																
*TO BE APPROVED BY CHEMTECH																
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS																
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION	# of Bottles	PRESERVATIVES									COMMENTS	
			COMP	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	WASTE			3-10	2:45	1										
2.	VOC			3-10	2:45	1										
3.	1			3-10	2:45	1										
4.	2			3-10	2:45	1										
5.	3			3-10	2:45	1										
6.	4			3-10	2:45	1										
7.	5			3-10	2:45	1										
8.	6			3-10	2:45	1										
9.				3-10	2:45	1										
10.				3-10	2:45	1										
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																
RELINQUISHED BY SAMPLER		DATE/TIME		RECEIVED BY		Conditions of bottles or collars at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>7-2°</u>										
1.		3-11-25		3-11-25		Comments:										
RELINQUISHED BY		DATE/TIME		RECEIVED BY												
2.		3-11-25		3-11-25												
RELINQUISHED BY		DATE/TIME		RECEIVED FOR LAB BY												
3.		3-11-25		3-11-25												
Page _____ of _____						CLIENT: ☐ Hand Delivered ☐ Other: _____						Shipment Complete ☐ YES ☐ NO				
CHEMTECH: ☐ Picked Up																

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

100g tank

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 : Q1542	SCIA01	Order Date : 3/11/2025 11:00:00 AM	Project Mgr :
Client Name : Sciacca General Contractor		Project Name : 248 Union St., Lodi	Report Type : Results Only
Client Contact : Rosanne Scirica		Receive Date/Time : 3/11/2025 12:00:00 AM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Sciacca General Contractor		Purchase Order : 11:13am	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
Q1542-02	VOC	Solid	03/10/2025	08:30	VOC-TCLVOA-10		8260D	10 Bus. Days	

JAR

stored in r2A
Fr 2702

Relinquished By :

Date / Time :

[Signature]
3-11-25 1150

Received By :

Date / Time :

[Signature]
3-11-25 12:50

Storage Area : VOA Refridgerator Room