

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



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LAB CHRONICLE

OrderID:	Q1761	OrderDate:	4/9/2025 2:47:00 PM
Client:	G Environmental	Project:	Stockton
Contact:	Gary Landis	Location:	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1761-01	GST3	SOIL	VOC-TCLVOA-10	8260D	04/08/25		04/11/25	04/09/25



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Hit Summary Sheet
SW-846

SDG No.: Q1761
Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q1761-01	GST3 GST3	SOIL	Benzene, 4-ethyl-1,2-dimethyl- *	4.90	J	0	0	ug/Kg
Total Tics :				4.90				
Total Concentration:				4.90				



QC SUMMARY

Surrogate Summary

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1761-01	GST3	1,2-Dichloroethane-d4	50	46.6	93	70 (63)	130 (155)
		Dibromofluoromethane	50	49.6	99	70 (70)	130 (134)
		Toluene-d8	50	48.0	96	70 (74)	130 (123)
		4-Bromofluorobenzene	50	40.5	81	70 (38)	130 (136)
VY0411SBL01	VY0411SBL01	1,2-Dichloroethane-d4	50	47.0	94	70 (63)	130 (155)
		Dibromofluoromethane	50	49.2	98	70 (70)	130 (134)
		Toluene-d8	50	47.4	95	70 (74)	130 (123)
		4-Bromofluorobenzene	50	39.1	78	70 (38)	130 (136)
VY0411SBS01	VY0411SBS01	1,2-Dichloroethane-d4	50	52.3	105	70 (63)	130 (155)
		Dibromofluoromethane	50	53.2	106	70 (70)	130 (134)
		Toluene-d8	50	53.8	108	70 (74)	130 (123)
		4-Bromofluorobenzene	50	55.3	111	70 (38)	130 (136)
VY0411SBSD01	VY0411SBSD01	1,2-Dichloroethane-d4	50	50.6	101	70 (63)	130 (155)
		Dibromofluoromethane	50	53.9	108	70 (70)	130 (134)
		Toluene-d8	50	53.1	106	70 (74)	130 (123)
		4-Bromofluorobenzene	50	54.5	109	70 (38)	130 (136)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8260D

Datafile : VY021852.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0411SBS01	Dichlorodifluoromethane	20	17.7	ug/Kg	89			40 (64)	160 (136)	
	Chloromethane	20	17.5	ug/Kg	88			40 (70)	160 (130)	
	Vinyl chloride	20	17.2	ug/Kg	86			70 (72)	130 (129)	
	Bromomethane	20	18.9	ug/Kg	95			40 (58)	160 (141)	
	Chloroethane	20	18.0	ug/Kg	90			40 (69)	160 (130)	
	Trichlorofluoromethane	20	18.6	ug/Kg	93			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/Kg	98			70 (81)	130 (123)	
	1,1-Dichloroethene	20	19.1	ug/Kg	96			70 (79)	130 (121)	
	Acetone	100	100	ug/Kg	100			40 (60)	160 (131)	
	Carbon disulfide	20	17.4	ug/Kg	87			40 (45)	160 (154)	
	Methyl tert-butyl Ether	20	19.8	ug/Kg	99			70 (77)	130 (129)	
	Methyl Acetate	20	20.7	ug/Kg	104			70 (69)	130 (149)	
	Methylene Chloride	20	20.1	ug/Kg	101			70 (56)	130 (174)	
	trans-1,2-Dichloroethene	20	18.9	ug/Kg	95			70 (80)	130 (123)	
	1,1-Dichloroethane	20	19.7	ug/Kg	99			70 (82)	130 (123)	
	Cyclohexane	20	17.9	ug/Kg	90			70 (76)	130 (122)	
	2-Butanone	100	95.3	ug/Kg	95			40 (69)	160 (131)	
	Carbon Tetrachloride	20	19.7	ug/Kg	99			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	19.9	ug/Kg	100			70 (82)	130 (123)	
	Bromochloromethane	20	19.7	ug/Kg	99			70 (80)	130 (127)	
	Chloroform	20	19.7	ug/Kg	99			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	19.6	ug/Kg	98			70 (80)	130 (126)	
	Methylcyclohexane	20	18.8	ug/Kg	94			70 (77)	130 (123)	
	Benzene	20	19.7	ug/Kg	99			70 (84)	130 (121)	
	1,2-Dichloroethane	20	19.8	ug/Kg	99			70 (81)	130 (126)	
	Trichloroethene	20	19.8	ug/Kg	99			70 (83)	130 (122)	
	1,2-Dichloropropane	20	19.5	ug/Kg	98			70 (83)	130 (122)	
	Bromodichloromethane	20	20.0	ug/Kg	100			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	97.2	ug/Kg	97			40 (70)	160 (135)	
	Toluene	20	20.1	ug/Kg	101			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.4	ug/Kg	97			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	19.9	ug/Kg	100			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.1	ug/Kg	101			70 (82)	130 (125)	
	2-Hexanone	100	97.2	ug/Kg	97			40 (66)	160 (138)	
	Dibromochloromethane	20	20.3	ug/Kg	102			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.4	ug/Kg	102			70 (80)	130 (125)	
	Tetrachloroethene	20	22.1	ug/Kg	111			70 (83)	130 (125)	
	Chlorobenzene	20	19.8	ug/Kg	99			70 (84)	130 (122)	
	Ethyl Benzene	20	19.5	ug/Kg	98			70 (82)	130 (124)	
	m/p-Xylenes	40	39.5	ug/Kg	99			70 (83)	130 (124)	
	o-Xylene	20	20.0	ug/Kg	100			70 (83)	130 (123)	
	Styrene	20	19.8	ug/Kg	99			70 (82)	130 (124)	
	Bromoform	20	20.4	ug/Kg	102			70 (75)	130 (127)	
	Isopropylbenzene	20	19.0	ug/Kg	95			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	17.9	ug/Kg	90			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	19.4	ug/Kg	97			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	19.5	ug/Kg	98			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	20.1	ug/Kg	101			70 (83)	130 (124)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8260D

Datafile : VY021852.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0411SBS01	1,2-Dibromo-3-Chloropropane	20	20.9	ug/Kg	104			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	21.1	ug/Kg	106			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	21.4	ug/Kg	107			70 (70)	130 (137)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8260D

Datafile : VY021853.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0411SBSD01	Dichlorodifluoromethane	20	18.3	ug/Kg	92	3		40 (64)	160 (136)	30 (20)
	Chloromethane	20	16.4	ug/Kg	82	7		40 (70)	160 (130)	30 (20)
	Vinyl chloride	20	17.0	ug/Kg	85	1		70 (72)	130 (129)	30 (20)
	Bromomethane	20	17.5	ug/Kg	88	8		40 (58)	160 (141)	30 (20)
	Chloroethane	20	17.1	ug/Kg	86	5		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	19.0	ug/Kg	95	2		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	19.5	ug/Kg	98	0		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	19.8	ug/Kg	99	3		70 (79)	130 (121)	30 (20)
	Acetone	100	84.8	ug/Kg	85	16		40 (60)	160 (131)	30 (20)
	Carbon disulfide	20	17.9	ug/Kg	90	3		40 (45)	160 (154)	30 (20)
	Methyl tert-butyl Ether	20	19.6	ug/Kg	98	1		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	21.8	ug/Kg	109	5		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	20.4	ug/Kg	102	1		70 (56)	130 (174)	30 (20)
	trans-1,2-Dichloroethene	20	19.5	ug/Kg	98	3		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	19.9	ug/Kg	100	1		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	18.2	ug/Kg	91	1		70 (76)	130 (122)	30 (20)
	2-Butanone	100	90.6	ug/Kg	91	4		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	20.2	ug/Kg	101	2		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	20.2	ug/Kg	101	1		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	18.0	ug/Kg	90	10		70 (80)	130 (127)	30 (20)
	Chloroform	20	20.0	ug/Kg	100	1		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	20.1	ug/Kg	101	3		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	19.1	ug/Kg	96	2		70 (77)	130 (123)	30 (20)
	Benzene	20	20.3	ug/Kg	102	3		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	19.6	ug/Kg	98	1		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	20.9	ug/Kg	104	5		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	19.9	ug/Kg	100	2		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	20.0	ug/Kg	100	0		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	94.4	ug/Kg	94	3		40 (70)	160 (135)	30 (20)
	Toluene	20	20.5	ug/Kg	103	2		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	19.9	ug/Kg	100	3		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	19.6	ug/Kg	98	2		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	20.6	ug/Kg	103	2		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	93.4	ug/Kg	93	4		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	20.5	ug/Kg	103	1		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	19.9	ug/Kg	100	2		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	22.4	ug/Kg	112	1		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	20.4	ug/Kg	102	3		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	20.1	ug/Kg	101	3		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	40.8	ug/Kg	102	3		70 (83)	130 (124)	30 (20)
	o-Xylene	20	20.5	ug/Kg	103	3		70 (83)	130 (123)	30 (20)
	Styrene	20	20.6	ug/Kg	103	4		70 (82)	130 (124)	30 (20)
	Bromoform	20	20.4	ug/Kg	102	0		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	19.7	ug/Kg	99	4		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	18.0	ug/Kg	90	0		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	20.3	ug/Kg	102	5		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	20.2	ug/Kg	101	3		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	20.1	ug/Kg	101	0		70 (83)	130 (124)	30 (20)

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8260D

Datafile : VY021853.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0411SBSD01	1,2-Dibromo-3-Chloropropane	20	19.9	ug/Kg	100	4		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	21.9	ug/Kg	110	4		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	22.5	ug/Kg	113	5		70 (70)	130 (137)	30 (20)

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0411SBL01

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q1761

SAS No.: Q1761 SDG NO.: Q1761

Lab File ID: VY021851.D

Lab Sample ID: VY0411SBL01

Date Analyzed: 04/11/2025

Time Analyzed: 11:35

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
VY0411SBS01	VY0411SBS01	VY021852.D	04/11/2025
VY0411SBSD01	VY0411SBSD01	VY021853.D	04/11/2025
GST3	Q1761-01	VY021855.D	04/11/2025

COMMENTS: _____



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761
Lab File ID: VY021655.D BFB Injection Date: 03/27/2025
Instrument ID: MSVOA_Y BFB Injection Time: 09:23
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	20.4
75	30.0 - 60.0% of mass 95	53
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.7 (2) 1
174	50.0 - 100.0% of mass 95	86.7
175	5.0 - 9.0% of mass 174	6.6 (7.6) 1
176	95.0 - 101.0% of mass 174	82.9 (95.6) 1
177	5.0 - 9.0% of mass 176	5.6 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VY021656.D	03/27/2025	10:08
VSTDIC010	VSTDIC010	VY021657.D	03/27/2025	10:31
VSTDIC020	VSTDIC020	VY021658.D	03/27/2025	10:54
VSTDIC050	VSTDIC050	VY021659.D	03/27/2025	11:16
VSTDIC100	VSTDIC100	VY021660.D	03/27/2025	11:39
VSTDIC150	VSTDIC150	VY021661.D	03/27/2025	12:02



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761
Lab File ID: VY021849.D BFB Injection Date: 04/11/2025
Instrument ID: MSVOA_Y BFB Injection Time: 08:46
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	19.3
75	30.0 - 60.0% of mass 95	52
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	1.2 (1.4) 1
174	50.0 - 100.0% of mass 95	87
175	5.0 - 9.0% of mass 174	6.6 (7.6) 1
176	95.0 - 101.0% of mass 174	82.8 (95.1) 1
177	5.0 - 9.0% of mass 176	5.6 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY021850.D	04/11/2025	09:18
VY0411SBL01	VY0411SBL01	VY021851.D	04/11/2025	11:35
VY0411SBS01	VY0411SBS01	VY021852.D	04/11/2025	12:06
VY0411SBSD01	VY0411SBSD01	VY021853.D	04/11/2025	12:28
GST3	Q1761-01	VY021855.D	04/11/2025	13:33

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761
 Lab File ID: VY021850.D Date Analyzed: 04/11/2025
 Instrument ID: MSVOA_Y Time Analyzed: 09:18
 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	297119	7.71	443480	8.62	386894	11.42
UPPER LIMIT	594238	8.207	886960	9.115	773788	11.92
LOWER LIMIT	148560	7.207	221740	8.115	193447	10.92
EPA SAMPLE NO.						
GST3	317324	7.71	560087	8.62	469329	11.42
VY0411SBL01	321354	7.71	579974	8.62	477999	11.42
VY0411SBS01	261639	7.71	412441	8.62	367570	11.42
VY0411SBSD01	261813	7.71	409914	8.62	362626	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: GENV01
 Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761
 Lab File ID: VY021850.D Date Analyzed: 04/11/2025
 Instrument ID: MSVOA_Y Time Analyzed: 09:18
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	196263	13.346				
UPPER LIMIT	392526	13.846				
LOWER LIMIT	98131.5	12.846				
EPA SAMPLE NO.						
GST3	180059	13.35				
VY0411SBL01	174550	13.35				
VY0411SBS01	190311	13.35				
VY0411SBSD01	188335	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:	G Environmental	Date Collected:	04/08/25
Project:	Stockton	Date Received:	04/09/25
Client Sample ID:	GST3	SDG No.:	Q1761
Lab Sample ID:	Q1761-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	78.6
Sample Wt/Vol:	7.82	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
VY021855.D	1		04/11/25 13:33	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.93	U	0.93	4.10	ug/Kg
74-87-3	Chloromethane	0.93	U	0.93	4.10	ug/Kg
75-01-4	Vinyl Chloride	0.64	U	0.64	4.10	ug/Kg
74-83-9	Bromomethane	0.87	U	0.87	4.10	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	4.10	ug/Kg
75-69-4	Trichlorofluoromethane	0.98	U	0.98	4.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.86	U	0.86	4.10	ug/Kg
75-35-4	1,1-Dichloroethene	0.81	U	0.81	4.10	ug/Kg
67-64-1	Acetone	3.90	U	3.90	20.3	ug/Kg
75-15-0	Carbon Disulfide	0.86	U	0.86	4.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.59	U	0.59	4.10	ug/Kg
79-20-9	Methyl Acetate	1.30	U	1.30	4.10	ug/Kg
75-09-2	Methylene Chloride	2.90	U	2.90	8.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.70	U	0.70	4.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.65	U	0.65	4.10	ug/Kg
110-82-7	Cyclohexane	0.64	U	0.64	4.10	ug/Kg
78-93-3	2-Butanone	5.30	U	5.30	20.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.79	U	0.79	4.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.61	U	0.61	4.10	ug/Kg
74-97-5	Bromochloromethane	0.94	U	0.94	4.10	ug/Kg
67-66-3	Chloroform	0.68	U	0.68	4.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.76	U	0.76	4.10	ug/Kg
108-87-2	Methylcyclohexane	0.74	U	0.74	4.10	ug/Kg
71-43-2	Benzene	0.64	U	0.64	4.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.64	U	0.64	4.10	ug/Kg
79-01-6	Trichloroethene	0.66	U	0.66	4.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.74	U	0.74	4.10	ug/Kg
75-27-4	Bromodichloromethane	0.63	U	0.63	4.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.90	U	2.90	20.3	ug/Kg
108-88-3	Toluene	0.63	U	0.63	4.10	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	04/08/25
Project:	Stockton	Date Received:	04/09/25
Client Sample ID:	GST3	SDG No.:	Q1761
Lab Sample ID:	Q1761-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	78.6
Sample Wt/Vol:	7.82	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	Final Vol:	5000
Prep Method :	ID : 0.25	Test:	VOC-TCLVOA-10
		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021855.D	1		04/11/25 13:33	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.53	U	0.53	4.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	4.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.75	U	0.75	4.10	ug/Kg
591-78-6	2-Hexanone	3.00	U	3.00	20.3	ug/Kg
124-48-1	Dibromochloromethane	0.71	U	0.71	4.10	ug/Kg
106-93-4	1,2-Dibromoethane	0.72	U	0.72	4.10	ug/Kg
127-18-4	Tetrachloroethene	0.85	U	0.85	4.10	ug/Kg
108-90-7	Chlorobenzene	0.74	U	0.74	4.10	ug/Kg
100-41-4	Ethyl Benzene	0.55	U	0.55	4.10	ug/Kg
179601-23-1	m/p-Xylenes	1.00	U	1.00	8.10	ug/Kg
95-47-6	o-Xylene	0.67	U	0.67	4.10	ug/Kg
100-42-5	Styrene	0.58	U	0.58	4.10	ug/Kg
75-25-2	Bromoform	0.70	U	0.70	4.10	ug/Kg
98-82-8	Isopropylbenzene	0.63	U	0.63	4.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.98	U	0.98	4.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.40	U	1.40	4.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.30	U	1.30	4.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.20	U	1.20	4.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.40	U	2.40	4.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.60	U	2.60	4.10	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	46.6	70 (63) - 130 (155)	93%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6	70 (70) - 130 (134)	99%	SPK: 50
2037-26-5	Toluene-d8	47.9	70 (74) - 130 (123)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.5	70 (38) - 130 (136)	81%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	317000	7.713
540-36-3	1,4-Difluorobenzene	560000	8.616
3114-55-4	Chlorobenzene-d5	469000	11.42
3855-82-1	1,4-Dichlorobenzene-d4	180000	13.346

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	G Environmental		Date Collected:	04/08/25	
Project:	Stockton		Date Received:	04/09/25	
Client Sample ID:	GST3		SDG No.:	Q1761	
Lab Sample ID:	Q1761-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	78.6	
Sample Wt/Vol:	7.82	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
VY021855.D	1		04/11/25 13:33	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	4.90	J		13.9	ug/Kg

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\VY041125\
Data File : VY021855.D
Acq On : 11 Apr 2025 13:33
Operator : SY/MD
Sample : Q1761-01
Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GST3

Quant Time: Apr 12 02:48:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	317324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	560087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	469329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	180059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160307	46.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.260%
35) Dibromofluoromethane	7.634	113	180049	49.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.109	98	662731	47.948	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.408	95	189531	40.540	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.080%

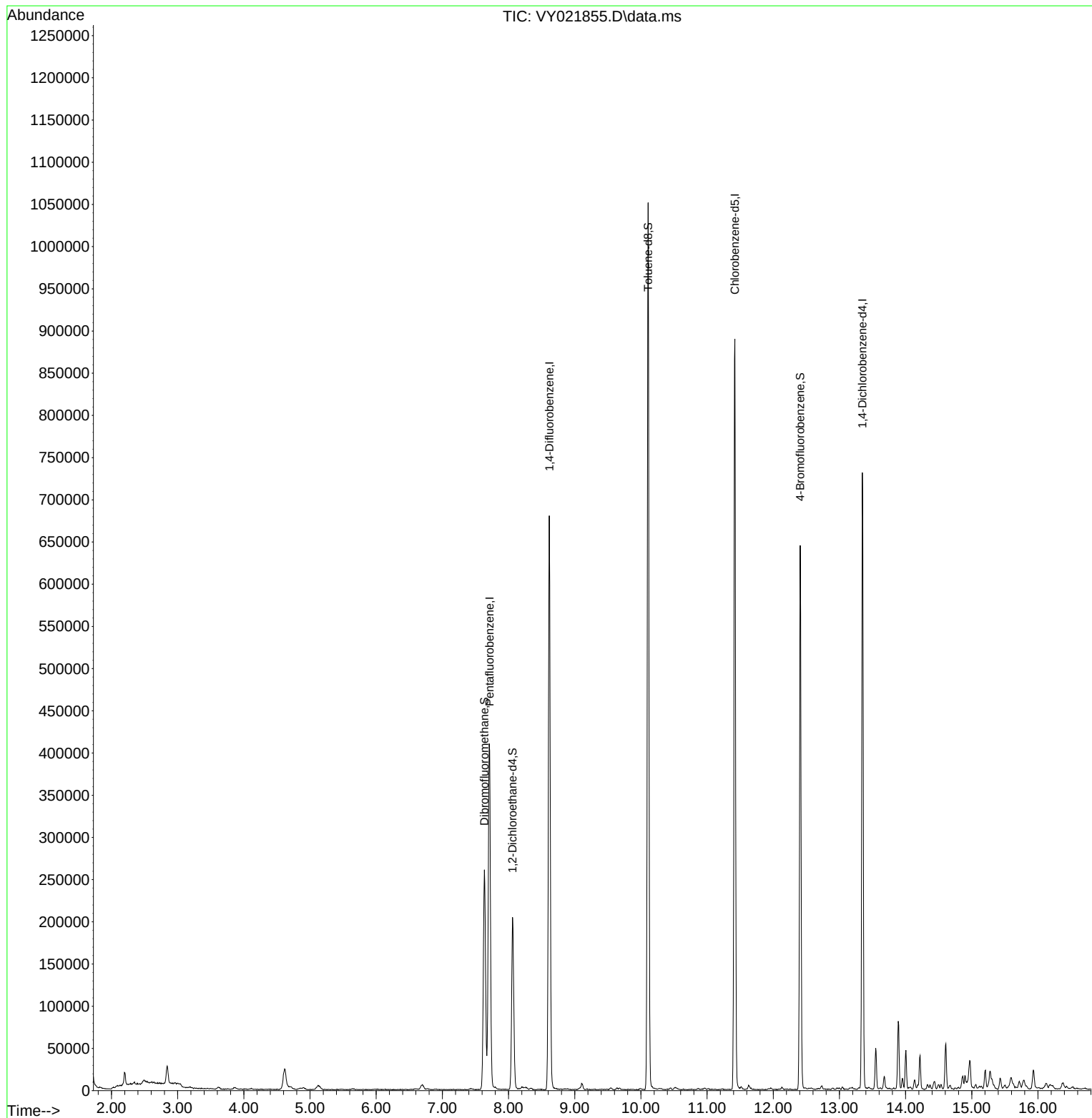
Target Compounds	Qvalue

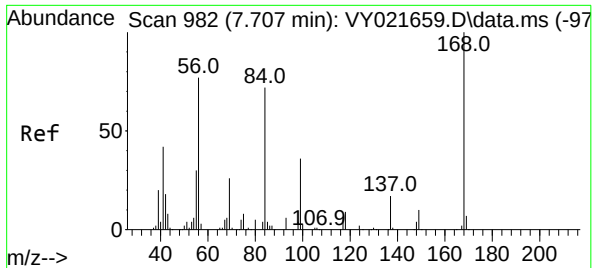
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021855.D
Acq On : 11 Apr 2025 13:33
Operator : SY/MD
Sample : Q1761-01
Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GST3

Quant Time: Apr 12 02:48:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

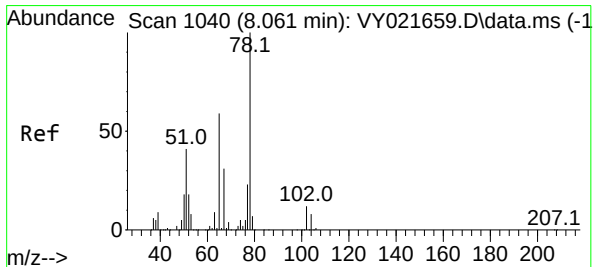
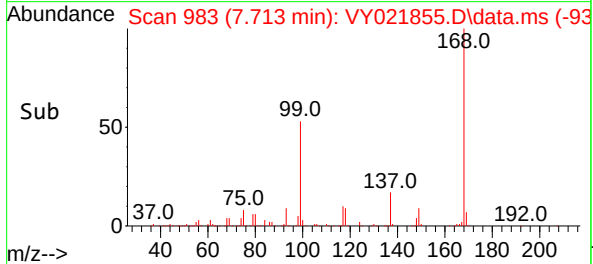
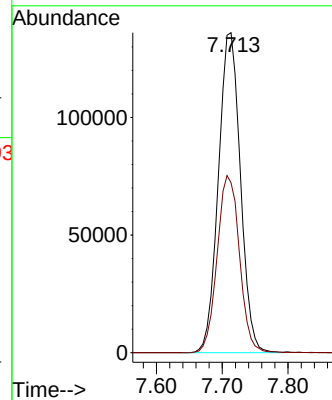
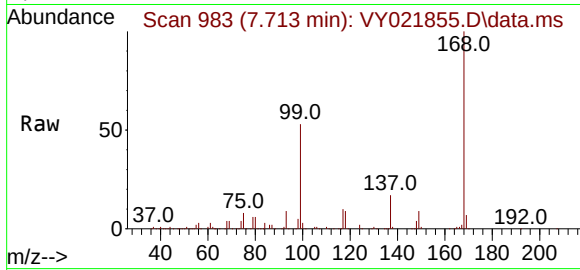




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

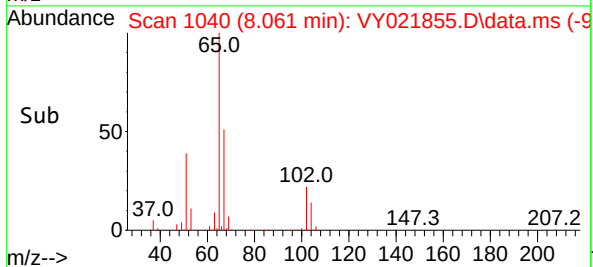
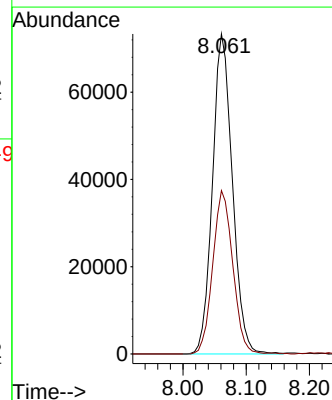
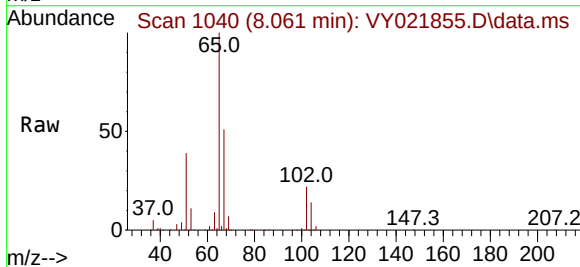
Instrument :
MSVOA_Y
ClientSampleId :
GST3

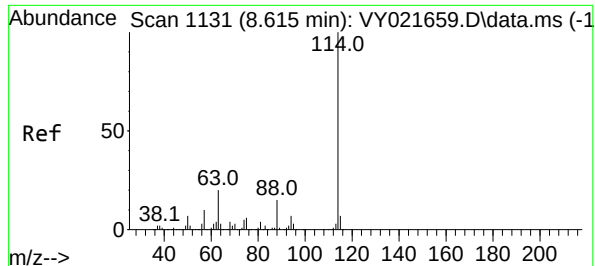
Tgt Ion:168 Resp: 317324
Ion Ratio Lower Upper
168 100
99 53.1 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 46.626 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021855.D
Acq: 11 Apr 2025 13:33

Tgt Ion: 65 Resp: 160307
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021855.D

Acq: 11 Apr 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

GST3

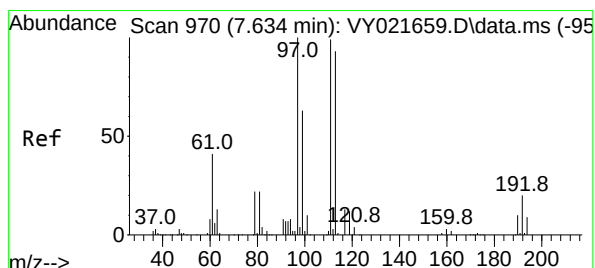
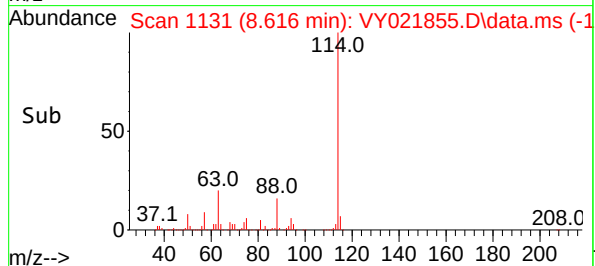
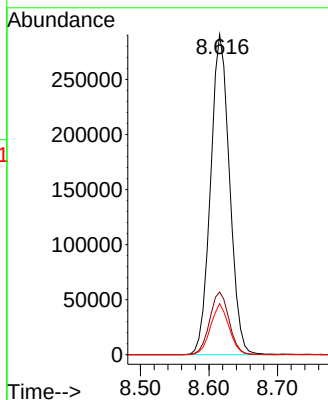
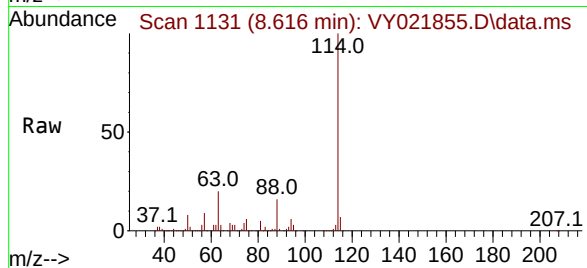
Tgt Ion:114 Resp: 560087

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 16.0 0.0 29.8



#35

Dibromofluoromethane

Concen: 49.557 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021855.D

Acq: 11 Apr 2025 13:33

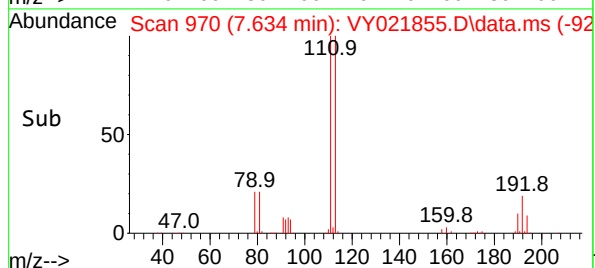
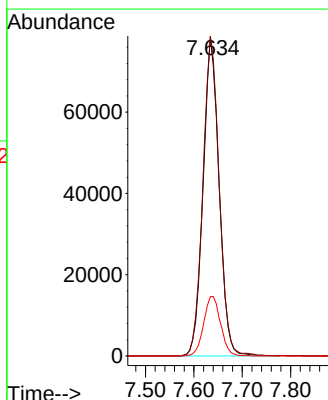
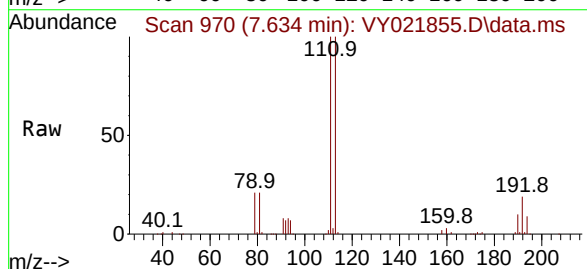
Tgt Ion:113 Resp: 180049

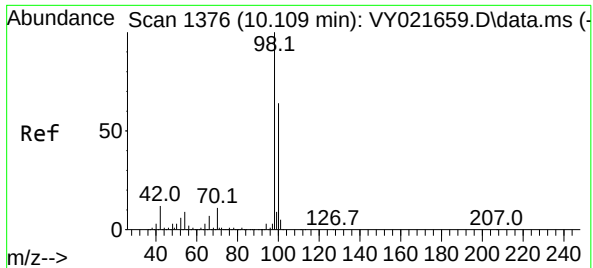
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 19.7 16.2 24.4





#50

Toluene-d8

Concen: 47.948 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021855.D

Acq: 11 Apr 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

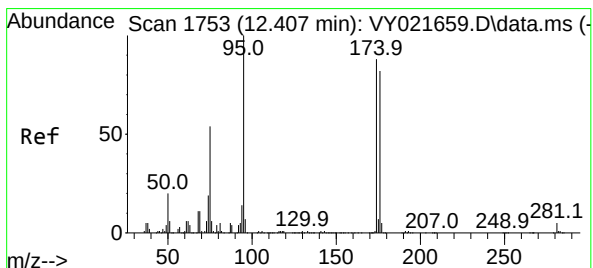
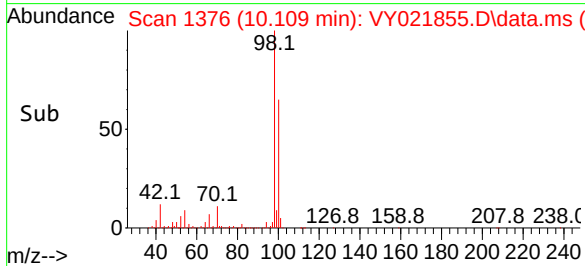
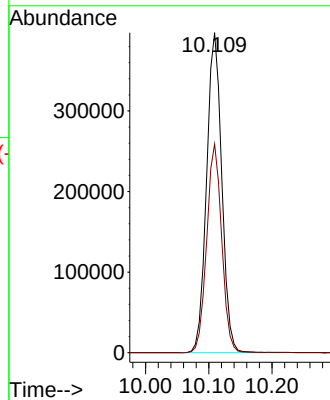
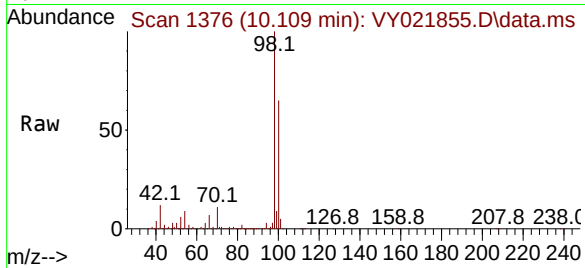
GST3

Tgt Ion: 98 Resp: 662731

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 40.540 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021855.D

Acq: 11 Apr 2025 13:33

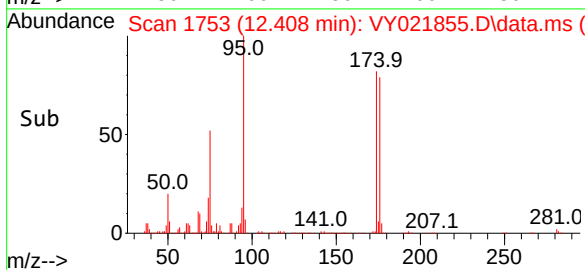
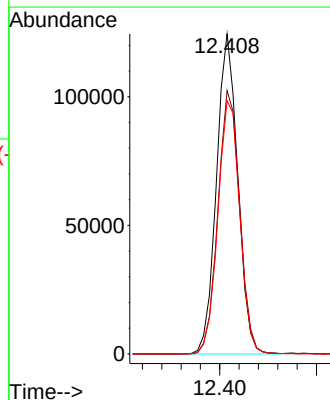
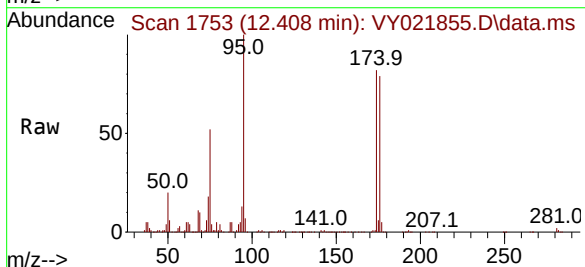
Tgt Ion: 95 Resp: 189531

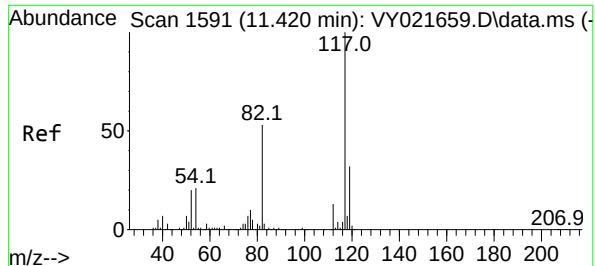
Ion Ratio Lower Upper

95 100

174 84.6 0.0 170.8

176 81.5 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021855.D

Acq: 11 Apr 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

GST3

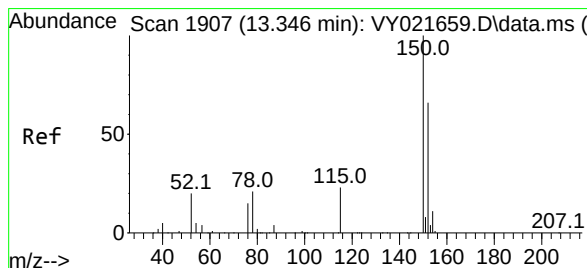
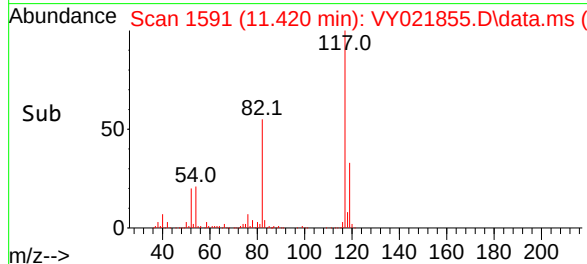
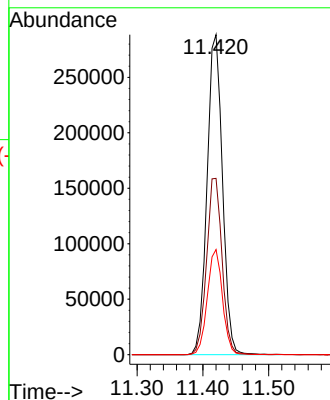
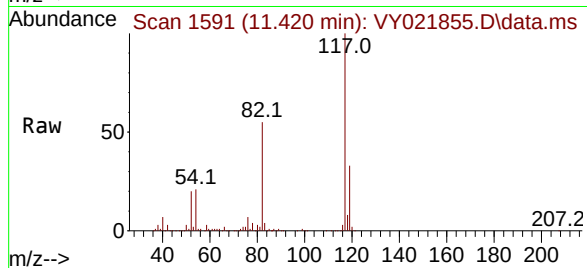
Tgt Ion:117 Resp: 469329

Ion Ratio Lower Upper

117 100

82 55.1 42.8 64.2

119 32.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021855.D

Acq: 11 Apr 2025 13:33

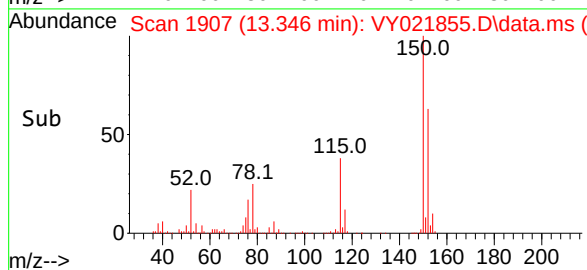
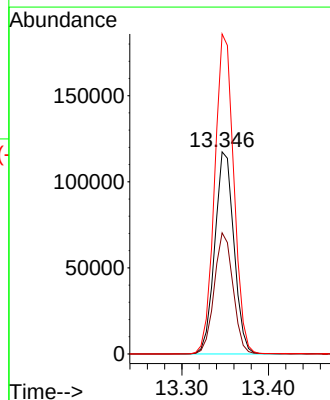
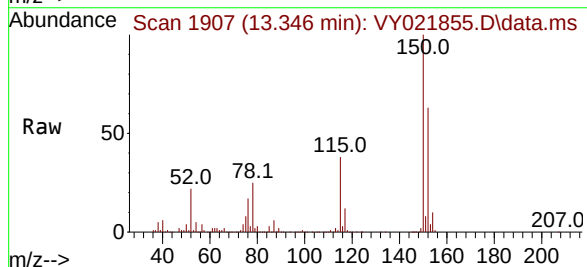
Tgt Ion:152 Resp: 180059

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 158.4 0.0 348.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021855.D
 Acq On : 11 Apr 2025 13:33
 Operator : SY/MD
 Sample : Q1761-01
 Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GST3

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\82Y032725S.M

Title : SW846 8260

Signal : TIC: VY021855.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.196	70	78	84	rBV	15916	30434	1.72%	0.312%
2	2.842	178	184	191	rBV2	20153	40648	2.29%	0.417%
3	4.616	464	475	488	rBV3	23977	82478	4.65%	0.846%
4	5.122	546	558	572	rVB8	5206	20613	1.16%	0.212%
5	7.634	959	970	976	rBV	260364	606024	34.18%	6.218%
6	7.707	976	982	996	rVB	408015	951933	53.69%	9.768%
7	8.061	1030	1040	1053	rBV	203880	448622	25.30%	4.603%
8	8.616	1120	1131	1145	rBV	680272	1322317	74.59%	13.568%
9	9.103	1201	1211	1219	rVB4	7375	17868	1.01%	0.183%
10	10.109	1368	1376	1390	rBV	1050917	1772888	100.00%	18.191%
11	11.420	1583	1591	1602	rBV	888800	1463214	82.53%	15.014%
12	12.408	1745	1753	1762	rBV	644802	1023946	57.76%	10.507%
13	13.346	1900	1907	1915	rBV	729312	1106480	62.41%	11.353%
14	13.548	1934	1940	1947	rBV	48391	76333	4.31%	0.783%
15	13.676	1955	1961	1971	rBV4	14834	26925	1.52%	0.276%
16	13.889	1990	1996	2002	rBV2	79973	132922	7.50%	1.364%
17	13.950	2002	2006	2010	rVV3	11936	18677	1.05%	0.192%
18	14.005	2010	2015	2020	rVB	45156	67305	3.80%	0.691%
19	14.133	2030	2036	2041	rBV3	10893	20011	1.13%	0.205%
20	14.218	2045	2050	2056	rVB	39195	59698	3.37%	0.613%
21	14.608	2107	2114	2119	rBV	53279	87991	4.96%	0.903%
22	14.864	2149	2156	2159	rBV3	14640	28433	1.60%	0.292%
23	14.895	2159	2161	2165	rVV	14509	22655	1.28%	0.232%
24	14.968	2167	2173	2179	rVB3	31557	68429	3.86%	0.702%
25	15.206	2206	2212	2216	rBV2	21688	37065	2.09%	0.380%
26	15.279	2216	2224	2237	rVB3	20450	63561	3.59%	0.652%
27	15.431	2243	2249	2254	rBV	13228	25470	1.44%	0.261%
28	15.590	2268	2275	2285	rVB5	12090	34996	1.97%	0.359%
29	15.785	2301	2307	2312	rBV5	8431	19907	1.12%	0.204%
30	15.931	2323	2331	2341	rBV2	22076	48722	2.75%	0.500%
31	16.376	2397	2404	2410	rBV9	7292	19235	1.08%	0.197%

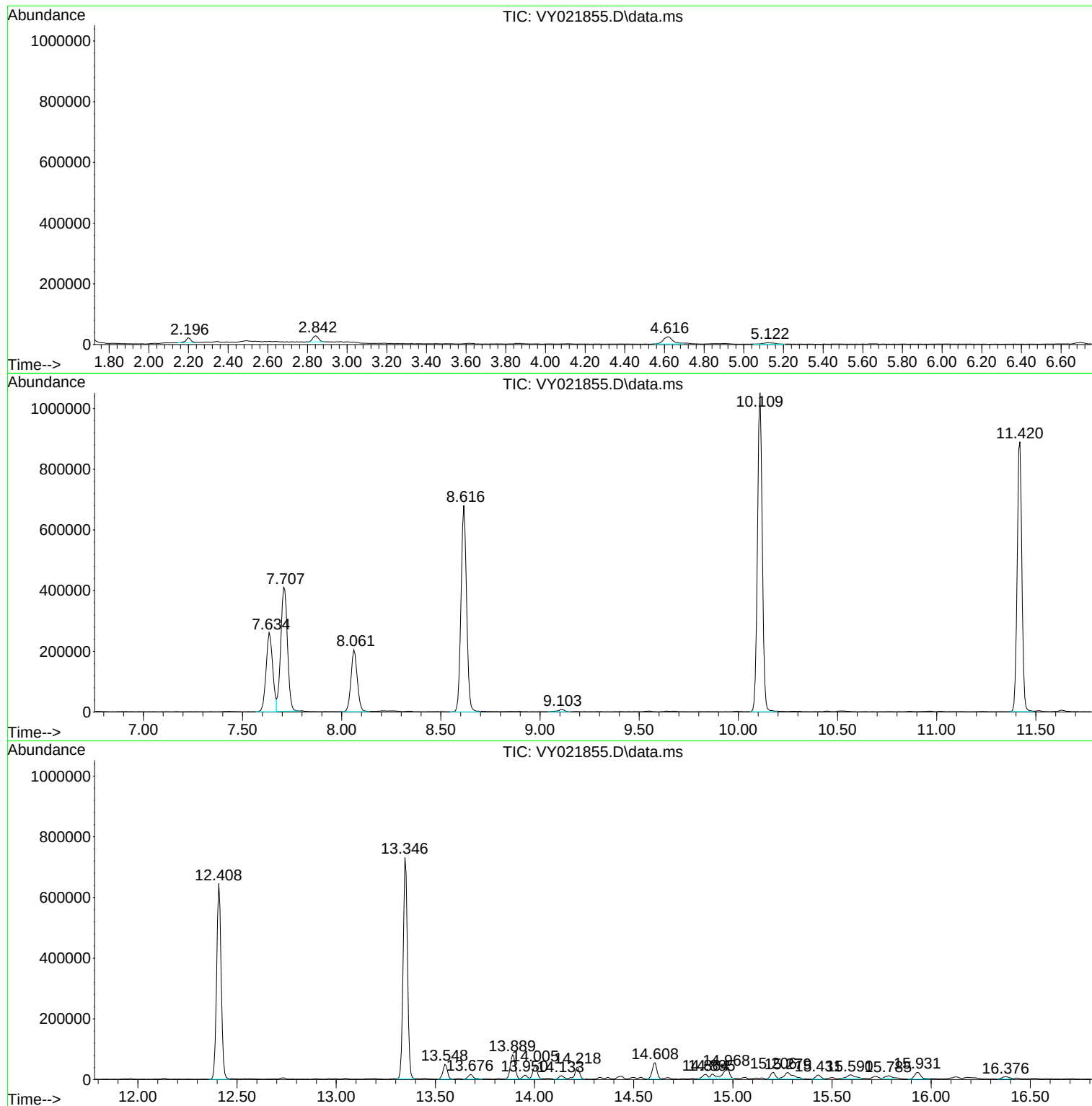
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021855.D
Acq On : 11 Apr 2025 13:33
Operator : SY/MD
Sample : Q1761-01
Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GST3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021855.D
Acq On : 11 Apr 2025 13:33
Operator : SY/MD
Sample : Q1761-01
Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GST3

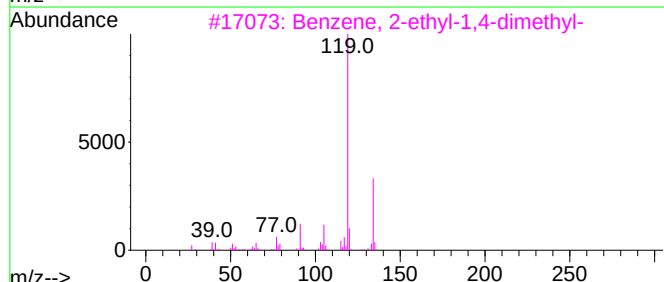
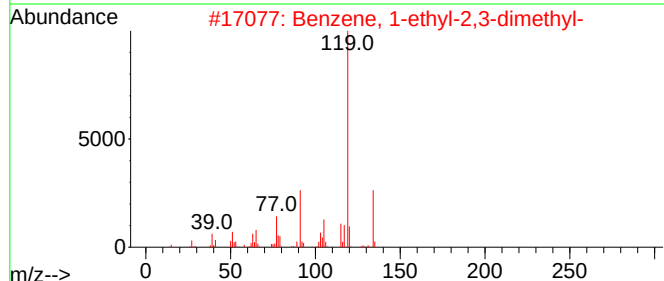
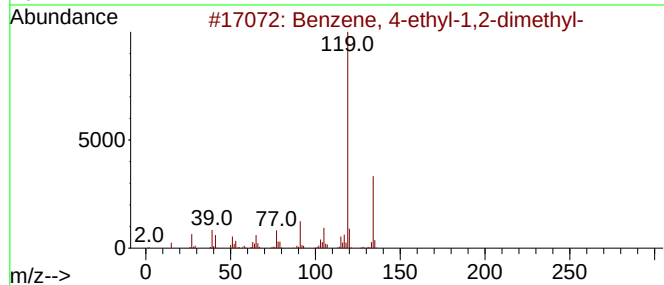
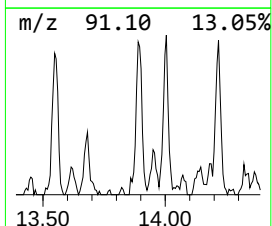
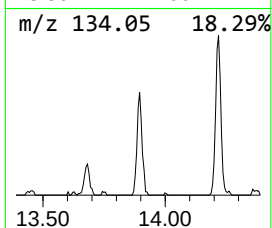
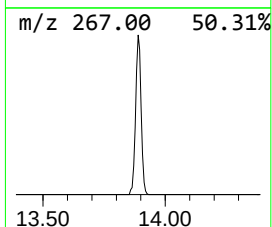
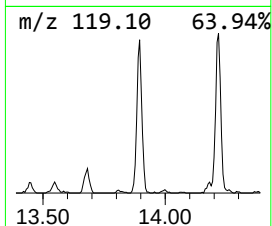
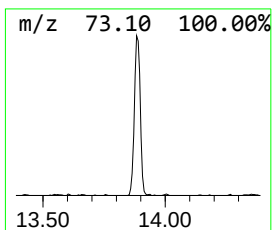
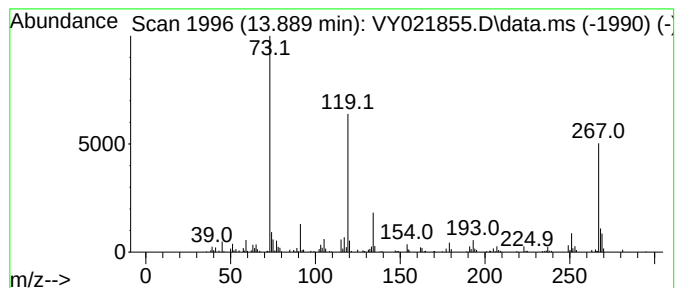
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	6.01 ug/l	132922	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	74
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021855.D
Acq On : 11 Apr 2025 13:33
Operator : SY/MD
Sample : Q1761-01
Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GST3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.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
Benzene, 4-ethy...	13.889	6.0	ug/l	132922	4	13.346	1106480	50.0



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: GENV01
 Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG No.: Q1761
 Instrument ID: MSVOA_Y Calibration Date(s): 03/27/2025 03/27/2025
 Heated Purge: (Y/N) Y Calibration Time(s): 10:08 12:02
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:	RRF005 = VY021656.D	RRF010 = VY021657.D	RRF020 = VY021658.D	RRF050 = VY021659.D	RRF100 = VY021660.D	RRF150 = VY021661.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Dichlorodifluoromethane	0.602	0.577	0.493	0.506	0.485	0.447	0.518	11.4
Chloromethane	0.876	0.775	0.713	0.692	0.672	0.644	0.729	11.6
Vinyl Chloride	0.977	0.886	0.810	0.800	0.758	0.714	0.824	11.5
Bromomethane	0.709	0.613	0.537	0.513	0.494	0.506	0.562	14.9
Chloroethane	0.644	0.570	0.544	0.512	0.490	0.476	0.539	11.5
Trichlorofluoromethane	1.212	1.124	1.104	1.013	0.967	0.914	1.056	10.5
1,1,2-Trichlorotrifluoroethane	0.668	0.601	0.553	0.536	0.510	0.473	0.557	12.4
1,1-Dichloroethene	0.589	0.564	0.508	0.514	0.496	0.477	0.524	8.2
Acetone	0.145	0.123	0.102	0.107	0.087	0.102	0.111	18.3
Carbon Disulfide	1.956	1.828	1.709	1.696	1.623	1.552	1.727	8.4
Methyl tert-butyl Ether	1.380	1.335	1.247	1.325	1.256	1.292	1.306	3.9
Methyl Acetate	0.329	0.286	0.269	0.265	0.243	0.257	0.275	11
Methylene Chloride	0.870	0.694	0.594	0.564	0.518	0.514	0.626	21.8
trans-1,2-Dichloroethene	0.634	0.608	0.568	0.567	0.551	0.536	0.577	6.3
1,1-Dichloroethane	1.178	1.091	1.024	1.040	0.992	0.968	1.049	7.3
Cyclohexane	1.170	1.032	0.912	0.918	0.886	0.818	0.956	13.1
2-Butanone	0.181	0.166	0.149	0.159	0.140	0.155	0.158	8.9
Carbon Tetrachloride	0.637	0.594	0.546	0.564	0.547	0.507	0.566	7.9
cis-1,2-Dichloroethene	0.700	0.658	0.626	0.652	0.631	0.629	0.649	4.3
Bromochloromethane	0.513	0.470	0.424	0.426	0.420	0.402	0.442	9.3
Chloroform	1.235	1.141	1.062	1.081	1.026	1.000	1.091	7.9
1,1,1-Trichloroethane	1.155	1.013	0.959	0.967	0.929	0.893	0.986	9.3
Methylcyclohexane	0.593	0.599	0.569	0.619	0.612	0.550	0.590	4.5
Benzene	1.606	1.527	1.429	1.499	1.445	1.371	1.479	5.6
1,2-Dichloroethane	0.467	0.445	0.399	0.420	0.392	0.379	0.417	8.1
Trichloroethene	0.412	0.398	0.362	0.374	0.366	0.348	0.377	6.4
1,2-Dichloropropane	0.383	0.366	0.334	0.353	0.340	0.325	0.350	6.2
Bromodichloromethane	0.571	0.546	0.504	0.525	0.508	0.484	0.523	6
4-Methyl-2-Pentanone	0.232	0.240	0.219	0.241	0.222	0.226	0.230	3.9
Toluene	0.940	0.943	0.893	0.951	0.928	0.885	0.923	3

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



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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG No.: Q1761
 Instrument ID: MSVOA_Y Calibration Date(s): 03/27/2025 03/27/2025
 Heated Purge: (Y/N) Y Calibration Time(s): 10:08 12:02
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF005 = VY021656.D		RRF010 = VY021657.D		RRF020 = VY021658.D			
		RRF050 = VY021659.D		RRF100 = VY021660.D		RRF150 = VY021661.D			
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
t-1,3-Dichloropropene	0.456	0.470	0.439	0.486	0.475	0.461	0.465	3.5	
cis-1,3-Dichloropropene	0.553	0.558	0.528	0.565	0.549	0.534	0.548	2.6	
1,1,2-Trichloroethane	0.280	0.283	0.249	0.261	0.247	0.240	0.260	6.9	
2-Hexanone	0.154	0.154	0.144	0.164	0.148	0.154	0.153	4.2	
Dibromochloromethane	0.371	0.367	0.340	0.364	0.348	0.337	0.355	4.1	
1,2-Dibromoethane	0.267	0.250	0.230	0.254	0.233	0.229	0.244	6.3	
Tetrachloroethene	0.534	0.503	0.453	0.449	0.412	0.382	0.455	12.3	
Chlorobenzene	1.244	1.178	1.110	1.155	1.116	1.073	1.146	5.3	
Ethyl Benzene	1.949	1.916	1.918	2.051	2.023	1.935	1.965	2.9	
m/p-Xylenes	0.726	0.753	0.744	0.787	0.774	0.731	0.753	3.2	
o-Xylene	0.665	0.670	0.676	0.738	0.725	0.694	0.695	4.4	
Styrene	1.064	1.110	1.134	1.232	1.229	1.181	1.158	5.8	
Bromoform	0.241	0.239	0.229	0.237	0.225	0.221	0.232	3.4	
Isopropylbenzene	3.628	3.701	3.582	3.826	3.843	3.702	3.714	2.8	
1,1,2,2-Tetrachloroethane	0.764	0.720	0.616	0.657	0.619	0.631	0.668	9.1	
1,3-Dichlorobenzene	1.895	1.774	1.707	1.748	1.728	1.689	1.757	4.2	
1,4-Dichlorobenzene	1.876	1.794	1.704	1.741	1.673	1.626	1.736	5.2	
1,2-Dichlorobenzene	1.598	1.607	1.496	1.524	1.486	1.465	1.529	3.9	
1,2-Dibromo-3-Chloropropane	0.112	0.111	0.097	0.102	0.096	0.102	0.103	6.6	
1,2,4-Trichlorobenzene	0.771	0.781	0.787	0.878	0.870	0.889	0.829	6.6	
1,2,3-Trichlorobenzene	0.653	0.681	0.673	0.746	0.737	0.753	0.707	6.1	
1,2-Dichloroethane-d4	0.612	0.559	0.502	0.548	0.510	0.520	0.542	7.5	
Dibromofluoromethane	0.357	0.321	0.290	0.339	0.325	0.313	0.324	7	
Toluene-d8	1.277	1.240	1.127	1.306	1.252	1.201	1.234	5.1	
4-Bromofluorobenzene	0.447	0.410	0.378	0.439	0.424	0.407	0.417	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 : 82Y032725S.M
 Title : SW846 8260
 Last Update : Fri Mar 28 02:30:29 2025
 Response Via : Initial Calibration

Calibration Files

5 =VY021656.D 10 =VY021657.D 20 =VY021658.D 50 =VY021659.D 100 =VY021660.D 150 =VY021661.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.602	0.577	0.493	0.506	0.485	0.447	0.518	11.38
3) P	Chloromethane	0.876	0.775	0.713	0.692	0.672	0.644	0.729	11.61
4) C	Vinyl Chloride	0.977	0.886	0.810	0.800	0.758	0.714	0.824	11.48#
5) T	Bromomethane	0.709	0.613	0.537	0.513	0.494	0.506	0.562	14.90
6) T	Chloroethane	0.644	0.570	0.544	0.512	0.490	0.476	0.539	11.46
7) T	Trichlorofluor...	1.212	1.124	1.104	1.013	0.967	0.914	1.056	10.48
8) T	Diethyl Ether	0.332	0.309	0.284	0.275	0.256	0.266	0.287	9.95
9) T	1,1,2-Trichlor...	0.668	0.601	0.553	0.536	0.510	0.473	0.557	12.39
10) T	Methyl Iodide	0.567	0.581	0.610	0.655	0.631	0.620	0.611	5.34
11) T	Tert butyl alc...	0.043	0.038	0.034	0.034	0.029	0.032	0.035	13.48
12) CM	1,1-Dichloroet...	0.589	0.564	0.508	0.514	0.496	0.477	0.524	8.17#
13) T	Acrolein	0.069	0.070	0.064	0.063	0.059	0.061	0.064	7.03
14) T	Allyl chloride	0.897	0.866	0.803	0.837	0.814	0.801	0.836	4.60
15) T	Acrylonitrile	0.132	0.128	0.116	0.121	0.109	0.113	0.120	7.45
16) T	Acetone	0.145	0.123	0.102	0.107	0.087	0.102	0.111	18.31
17) T	Carbon Disulfide	1.956	1.828	1.709	1.696	1.623	1.552	1.727	8.40
18) T	Methyl Acetate	0.329	0.286	0.269	0.265	0.243	0.257	0.275	10.97
19) T	Methyl tert-bu...	1.380	1.335	1.247	1.325	1.256	1.292	1.306	3.90
20) T	Methylene Chlo...	0.870	0.694	0.594	0.564	0.518	0.514	0.626	21.82
21) T	trans-1,2-Dich...	0.634	0.608	0.568	0.567	0.551	0.536	0.577	6.32
22) T	Diisopropyl ether	1.795	1.771	1.732	1.800	1.725	1.701	1.754	2.32
23) T	Vinyl Acetate	1.026	1.036	1.000	1.066	1.004	1.025	1.026	2.33
24) P	1,1-Dichloroet...	1.178	1.091	1.024	1.040	0.992	0.968	1.049	7.26
25) T	2-Butanone	0.181	0.166	0.149	0.159	0.140	0.155	0.158	8.91
26) T	2,2-Dichloropr...	1.063	0.962	0.896	0.920	0.886	0.870	0.933	7.63
27) T	cis-1,2-Dichlo...	0.700	0.658	0.626	0.652	0.631	0.629	0.649	4.34
28) T	Bromochloromet...	0.513	0.470	0.424	0.426	0.420	0.402	0.442	9.32
29) T	Tetrahydrofuran	0.108	0.111	0.096	0.105	0.093	0.097	0.102	7.06
30) C	Chloroform	1.235	1.141	1.062	1.081	1.026	1.000	1.091	7.85#
31) T	Cyclohexane	1.170	1.032	0.912	0.918	0.886	0.818	0.956	13.12
32) T	1,1,1-Trichlor...	1.155	1.013	0.959	0.967	0.929	0.893	0.986	9.31
33) S	1,2-Dichloroet...	0.612	0.559	0.502	0.548	0.510	0.520	0.542	7.53
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.357	0.321	0.290	0.339	0.325	0.313	0.324	7.00
36) T	1,1-Dichloropr...	0.532	0.509	0.487	0.502	0.484	0.450	0.494	5.59
37) T	Ethyl Acetate	0.270	0.256	0.217	0.236	0.211	0.210	0.233	10.82
38) T	Carbon Tetrach...	0.637	0.594	0.546	0.564	0.547	0.507	0.566	7.89
39) T	Methylcyclohexane	0.593	0.599	0.569	0.619	0.612	0.550	0.590	4.50
40) TM	Benzene	1.606	1.527	1.429	1.499	1.445	1.371	1.479	5.58
41) T	Methacrylonitrile	0.134	0.132	0.111	0.137	0.114	0.116	0.124	9.32
42) TM	1,2-Dichloroet...	0.467	0.445	0.399	0.420	0.392	0.379	0.417	8.15
43) T	Isopropyl Acetate	0.471	0.474	0.408	0.451	0.420	0.426	0.442	6.29
44) TM	Trichloroethene	0.412	0.398	0.362	0.374	0.366	0.348	0.377	6.37
45) C	1,2-Dichloropr...	0.383	0.366	0.334	0.353	0.340	0.325	0.350	6.15#
46) T	Dibromomethane	0.225	0.220	0.192	0.198	0.191	0.185	0.202	8.23
47) T	Bromodichlorom...	0.571	0.546	0.504	0.525	0.508	0.484	0.523	6.02
48) T	Methyl methacr...	0.212	0.205	0.179	0.210	0.206	0.203	0.203	5.87
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	3.07
50) S	Toluene-d8	1.277	1.240	1.127	1.306	1.252	1.201	1.234	5.12
51) T	4-Methyl-2-Pen...	0.232	0.240	0.219	0.241	0.222	0.226	0.230	3.93
52) CM	Toluene	0.940	0.943	0.893	0.951	0.928	0.885	0.923	3.01#
53) T	t-1,3-Dichloro...	0.456	0.470	0.439	0.486	0.475	0.461	0.465	3.47
54) T	cis-1,3-Dichlo...	0.553	0.558	0.528	0.565	0.549	0.534	0.548	2.62
55) T	1,1,2-Trichlor...	0.280	0.283	0.249	0.261	0.247	0.240	0.260	6.92
56) T	Ethyl methacry...	0.287	0.309	0.314	0.366	0.356	0.359	0.332	9.82

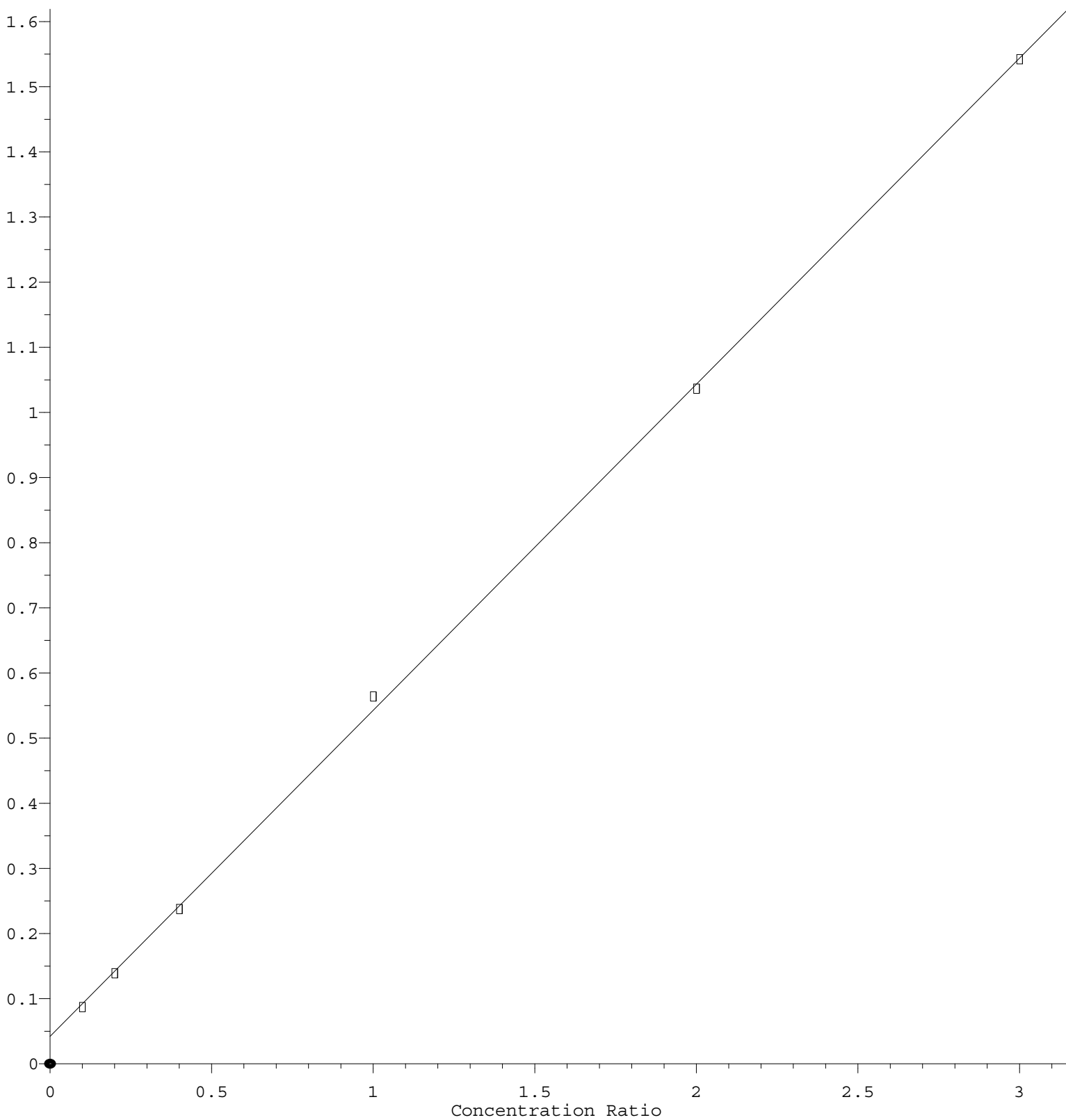
Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y032725S.M

57)	T	1,3-Dichloropr...	0.472	0.470	0.440	0.460	0.432	0.419	0.449	4.84
58)	T	2-Chloroethyl ...	0.142	0.153	0.151	0.180	0.173	0.172	0.162	9.22
59)	T	2-Hexanone	0.154	0.154	0.144	0.164	0.148	0.154	0.153	4.25
60)	T	Dibromochlorom...	0.371	0.367	0.340	0.364	0.348	0.337	0.355	4.10
61)	T	1,2-Dibromoethane	0.267	0.250	0.230	0.254	0.233	0.229	0.244	6.32
62)	S	4-Bromofluorob...	0.447	0.410	0.378	0.439	0.424	0.407	0.417	5.97
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.534	0.503	0.453	0.449	0.412	0.382	0.455	12.28
65)	PM	Chlorobenzene	1.244	1.178	1.110	1.155	1.116	1.073	1.146	5.26
66)	T	1,1,1,2-Tetrac...	0.448	0.409	0.390	0.412	0.400	0.382	0.407	5.67
67)	C	Ethyl Benzene	1.949	1.916	1.918	2.051	2.023	1.935	1.965	2.93#
68)	T	m/p-Xylenes	0.726	0.753	0.744	0.787	0.774	0.731	0.753	3.21
69)	T	o-Xylene	0.665	0.670	0.676	0.738	0.725	0.694	0.695	4.40
70)	T	Styrene	1.064	1.110	1.134	1.232	1.229	1.181	1.158	5.82
71)	P	Bromoform	0.241	0.239	0.229	0.237	0.225	0.221	0.232	3.44
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.628	3.701	3.582	3.825	3.843	3.702	3.714	2.80
74)	T	N-amyl acetate	0.812	0.864	0.800	0.917	0.898	0.938	0.872	6.47
75)	P	1,1,2,2-Tetrac...	0.764	0.720	0.616	0.657	0.619	0.631	0.668	9.14
76)	T	1,2,3-Trichlor...	0.506	0.560	0.487	0.498	0.453	0.470	0.496	7.46
77)	T	Bromobenzene	0.946	0.909	0.852	0.889	0.886	0.867	0.892	3.71
78)	T	n-propylbenzene	4.347	4.457	4.349	4.617	4.612	4.408	4.465	2.75
79)	T	2-Chlorotoluene	2.616	2.634	2.535	2.645	2.603	2.526	2.593	1.96
80)	T	1,3,5-Trimethy...	2.917	3.001	2.982	3.147	3.141	3.023	3.035	3.01
81)	T	trans-1,4-Dich...	0.208	0.227	0.199	0.222	0.212	0.224	0.215	5.06
82)	T	4-Chlorotoluene	2.768	2.746	2.649	2.757	2.695	2.606	2.704	2.42
83)	T	tert-Butylbenzene	2.596	2.674	2.617	2.787	2.832	2.715	2.703	3.46
84)	T	1,2,4-Trimethy...	2.783	2.965	2.960	3.135	3.116	3.040	3.000	4.30
85)	T	sec-Butylbenzene	3.838	3.999	3.860	4.095	4.054	3.858	3.951	2.85
86)	T	p-Isopropyltol...	3.001	3.194	3.195	3.430	3.445	3.328	3.265	5.19
87)	T	1,3-Dichlorobe...	1.895	1.774	1.707	1.748	1.728	1.689	1.757	4.21
88)	T	1,4-Dichlorobe...	1.876	1.794	1.704	1.741	1.673	1.626	1.736	5.16
89)	T	n-Butylbenzene	2.890	2.933	2.932	3.173	3.166	3.025	3.020	4.11
90)	T	Hexachloroethane	0.798	0.720	0.677	0.707	0.709	0.683	0.716	6.06
91)	T	1,2-Dichlorobe...	1.598	1.607	1.496	1.524	1.486	1.465	1.529	3.91
92)	T	1,2-Dibromo-3-...	0.112	0.111	0.097	0.102	0.096	0.102	0.103	6.58
93)	T	1,2,4-Trichlor...	0.771	0.781	0.787	0.878	0.870	0.889	0.829	6.65
94)	T	Hexachlorobuta...	0.568	0.521	0.490	0.525	0.512	0.492	0.518	5.51
95)	T	Naphthalene	1.153	1.208	1.258	1.508	1.505	1.616	1.375	13.94
96)	T	1,2,3-Trichlor...	0.653	0.681	0.673	0.746	0.737	0.753	0.707	6.06

(#) = Out of Range

Methylene Chloride

Response Ratio



$$\text{Response} = 5.006\text{e-}001 * \text{Amt} + 4.197\text{e-}002$$

Coef of Det (r^2) = 0.999666 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y032725S.M

Calibration Table Last Updated: Fri Mar 28 02:30:29 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021656.D
 Acq On : 27 Mar 2025 10:08
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:13:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	217101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	350486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	301382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	145682	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	13289	5.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.300%#
35) Dibromofluoromethane	7.634	113	12519	5.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.020%#
50) Toluene-d8	10.109	98	44774	5.177	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.360%#
62) 4-Bromofluorobenzene	12.408	95	15657	5.352	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.700%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	13065	5.806	ug/l	98
3) Chloromethane	2.074	50	19017	6.010	ug/l	90
4) Vinyl Chloride	2.202	62	21214	5.928	ug/l	93
5) Bromomethane	2.598	94	15395	6.308	ug/l	99
6) Chloroethane	2.733	64	13977	5.969	ug/l	99
7) Trichlorofluoromethane	3.056	101	26311	5.740	ug/l	98
8) Diethyl Ether	3.458	74	7213	5.786	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	14493	5.995	ug/l	98
10) Methyl Iodide	4.007	142	12311	4.642	ug/l	98
11) Tert butyl alcohol	4.860	59	4636	30.344	ug/l #	85
12) 1,1-Dichloroethene	3.793	96	12778	5.611	ug/l	92
13) Acrolein	3.653	56	7499	26.881	ug/l	93
14) Allyl chloride	4.385	41	19469	5.362	ug/l	97
15) Acrylonitrile	5.061	53	14337	27.546	ug/l #	88
16) Acetone	3.873	43	15736	32.687	ug/l	100
17) Carbon Disulfide	4.110	76	42467	5.662	ug/l	99
18) Methyl Acetate	4.391	43	7141	5.985	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	29969	5.286	ug/l	100
20) Methylene Chloride	4.616	84	18885	4.497	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	13763	5.489	ug/l	95
22) Diisopropyl ether	6.019	45	38980	5.118	ug/l	95
23) Vinyl Acetate	5.964	43	111357	24.992	ug/l	98
24) 1,1-Dichloroethane	5.915	63	25578	5.616	ug/l #	94
25) 2-Butanone	6.896	43	19664	28.598	ug/l	96
26) 2,2-Dichloropropane	6.884	77	23073	5.695	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	15197	5.390	ug/l	99
28) Bromochloromethane	7.250	49	11139	5.799	ug/l	99
29) Tetrahydrofuran	7.262	42	11696	26.430	ug/l	99
30) Chloroform	7.421	83	26819	5.662	ug/l	95
31) Cyclohexane	7.707	56	25394	6.117	ug/l #	88
32) 1,1,1-Trichloroethane	7.616	97	25069	5.856	ug/l	97
36) 1,1-Dichloropropene	7.835	75	18659	5.388	ug/l	99
37) Ethyl Acetate	6.988	43	9459	5.788	ug/l #	95
38) Carbon Tetrachloride	7.817	117	22310	5.625	ug/l	95
39) Methylcyclohexane	9.109	83	20781	5.023	ug/l	97
40) Benzene	8.079	78	56287	5.427	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021656.D
 Acq On : 27 Mar 2025 10:08
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:13:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	4688m	5.402	ug/l	
42) 1,2-Dichloroethane	8.158	62	16381	5.603	ug/l	98
43) Isopropyl Acetate	8.195	43	16504	5.329	ug/l	97
44) Trichloroethene	8.866	130	14453	5.470	ug/l	98
45) 1,2-Dichloropropane	9.146	63	13429	5.470	ug/l	99
46) Dibromomethane	9.231	93	7882	5.571	ug/l	97
47) Bromodichloromethane	9.420	83	20008	5.458	ug/l	92
48) Methyl methacrylate	9.219	41	7427	5.225	ug/l	96
49) 1,4-Dioxane	9.231	88	1573	103.789	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	40601	25.191	ug/l	97
52) Toluene	10.176	92	32954	5.093	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	15986	4.909	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	19395	5.049	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	9802	5.384	ug/l	94
56) Ethyl methacrylate	10.438	69	10060	4.327	ug/l	93
57) 1,3-Dichloropropane	10.719	76	16534	5.258	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	24903	21.959	ug/l	98
59) 2-Hexanone	10.762	43	26991	25.145	ug/l	92
60) Dibromochloromethane	10.914	129	13002	5.231	ug/l	99
61) 1,2-Dibromoethane	11.018	107	9345	5.472	ug/l	100
64) Tetrachloroethene	10.652	164	16085	5.860	ug/l	93
65) Chlorobenzene	11.444	112	37505	5.429	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	13496	5.506	ug/l	97
67) Ethyl Benzene	11.524	91	58750	4.959	ug/l	98
68) m/p-Xylenes	11.633	106	43785	9.652	ug/l	97
69) o-Xylene	11.956	106	20041	4.786	ug/l	98
70) Styrene	11.975	104	32075	4.594	ug/l	99
71) Bromoform	12.133	173	7253	5.187	ug/l #	98
73) Isopropylbenzene	12.255	105	52860	4.885	ug/l	99
74) N-amyl acetate	12.072	43	11835	4.660	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	11133	5.723	ug/l	95
76) 1,2,3-Trichloropropane	12.554	75	7373m	5.106	ug/l	
77) Bromobenzene	12.536	156	13783	5.305	ug/l	97
78) n-propylbenzene	12.597	91	63324	4.868	ug/l	100
79) 2-Chlorotoluene	12.682	91	38107	5.044	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	42499	4.806	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	3023	4.823	ug/l	88
82) 4-Chlorotoluene	12.779	91	40326	5.119	ug/l	100
83) tert-Butylbenzene	12.999	119	37817	4.801	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	40547	4.639	ug/l	99
85) sec-Butylbenzene	13.176	105	55918	4.858	ug/l	100
86) p-Isopropyltoluene	13.292	119	43714	4.595	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	27604	5.393	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	27332	5.405	ug/l	94
89) n-Butylbenzene	13.621	91	42102	4.785	ug/l	96
90) Hexachloroethane	13.883	117	11619	5.573	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	23277	5.224	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1634	5.419	ug/l	91
93) 1,2,4-Trichlorobenzene	14.925	180	11228	4.647	ug/l	97
94) Hexachlorobutadiene	15.029	225	8276	5.484	ug/l	96
95) Naphthalene	15.151	128	16796	4.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	9518	4.619	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021656.D
Acq On : 27 Mar 2025 10:08
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:13:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:08:57 2025
Response via : Initial Calibration

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

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

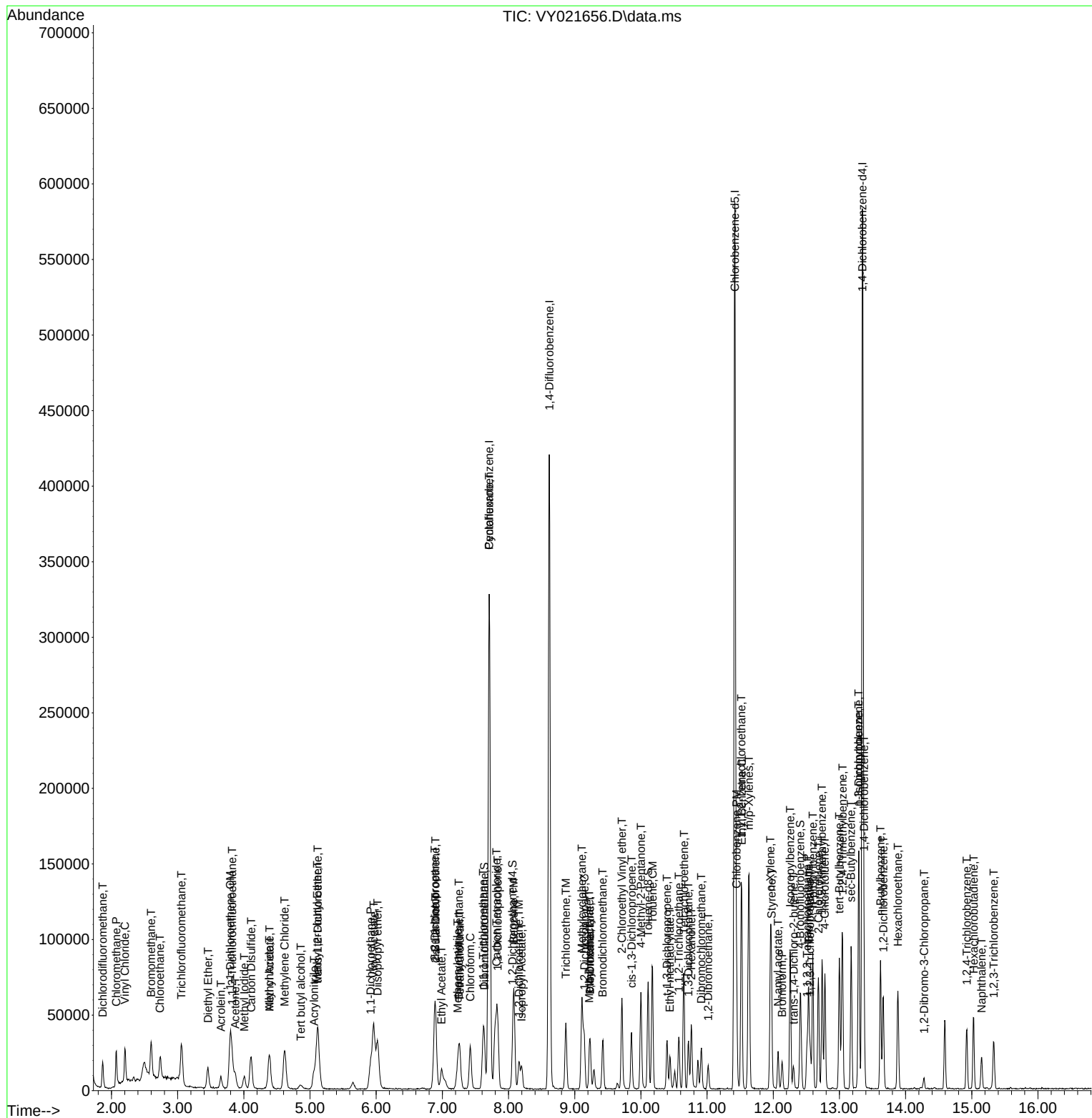
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Data File : VY021656.D  
Acq On    : 27 Mar 2025  10:08  
Operator  : SY/MD  
Sample    : VSTDICC005  
Misc      : 5.00g/5.0mL/MSVOA_Y/SOIL  
ALS Vial  : 2      Sample Multiplier: 1
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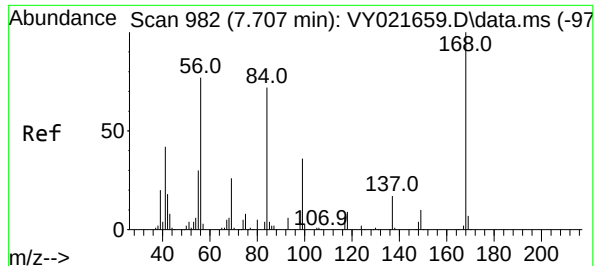
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:13:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:08:57 2025
Response via : Initial Calibration





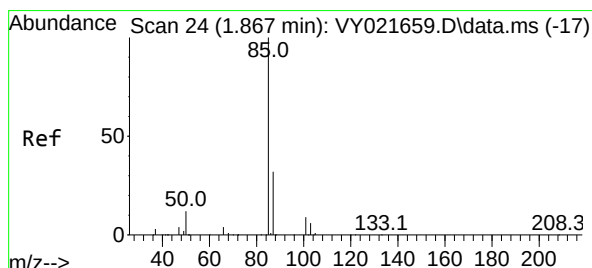
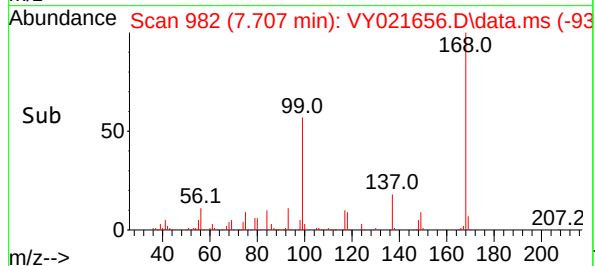
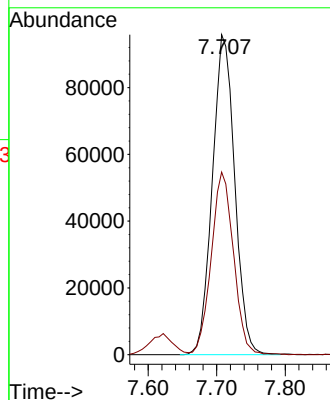
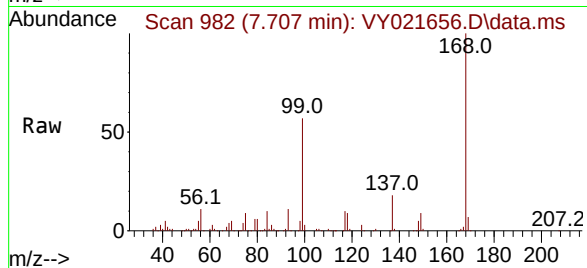
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 21710
Ion Ratio Lower Upper
168 100
99 56.8 46.7 70.1

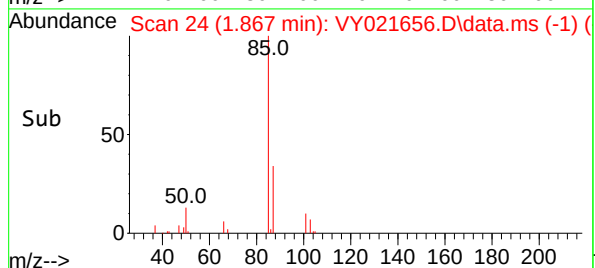
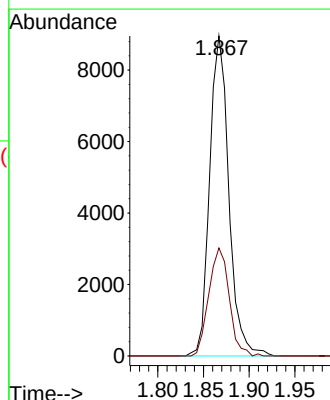
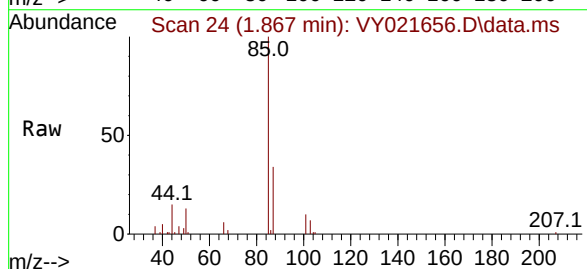
Manual Integrations
APPROVED

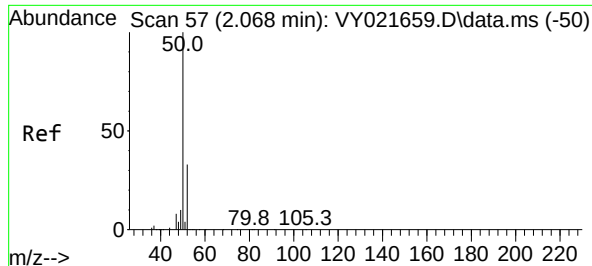
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#2
Dichlorodifluoromethane
Concen: 5.806 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 85 Resp: 13065
Ion Ratio Lower Upper
85 100
87 33.7 16.2 48.6





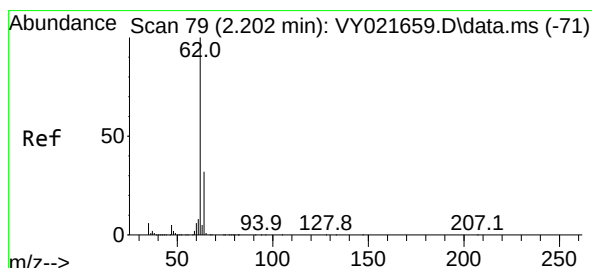
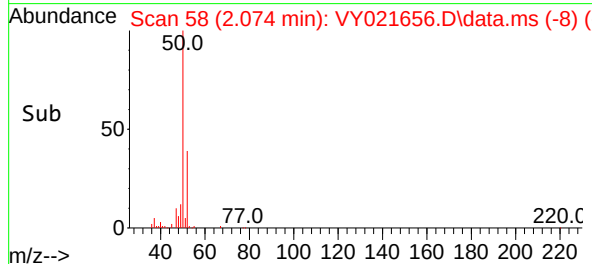
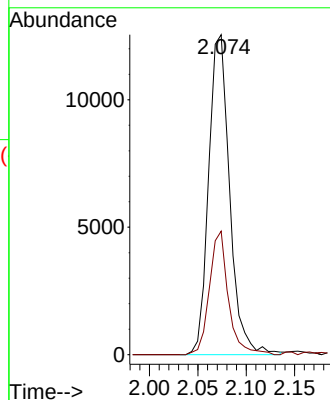
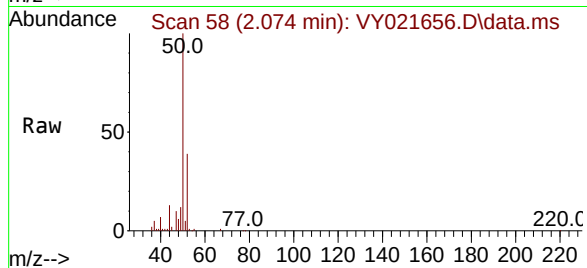
#3
Chloromethane
Concen: 6.010 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 1901
Ion Ratio Lower Upper
50 100
52 38.6 26.3 39.5

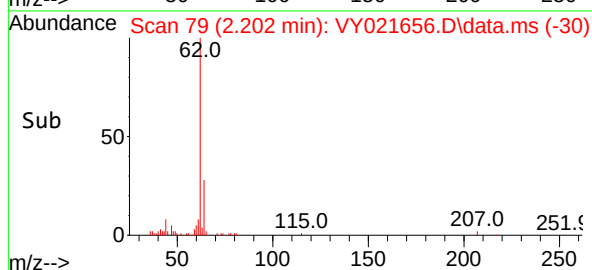
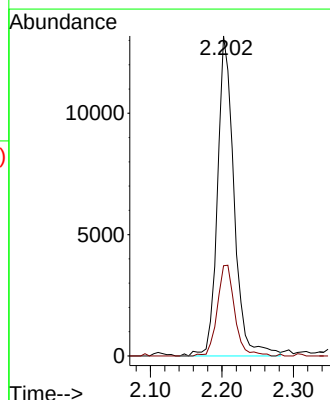
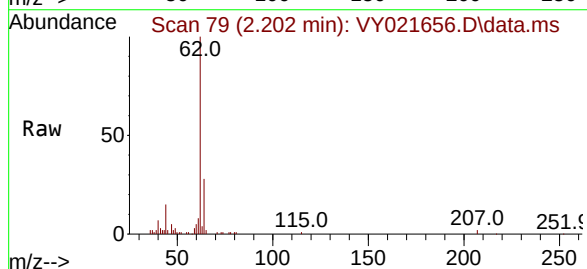
Manual Integrations
APPROVED

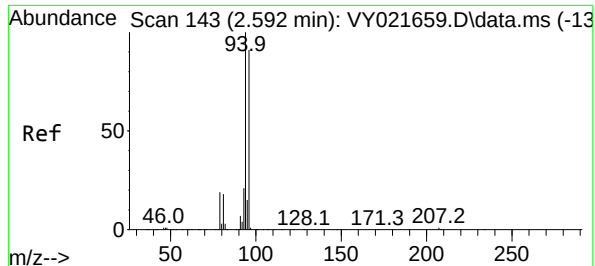
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#4
Vinyl Chloride
Concen: 5.928 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

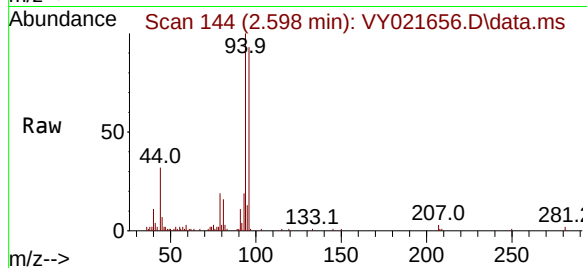
Tgt Ion: 62 Resp: 21214
Ion Ratio Lower Upper
62 100
64 28.2 25.5 38.3





#5
Bromomethane
Concen: 6.308 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

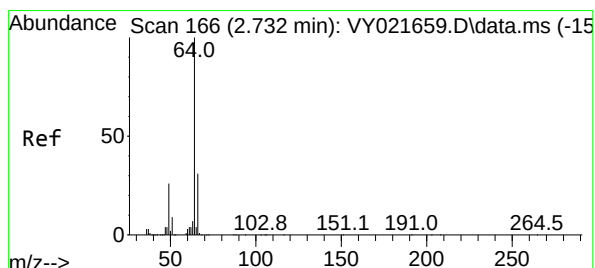
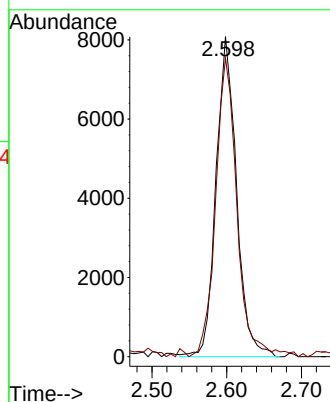
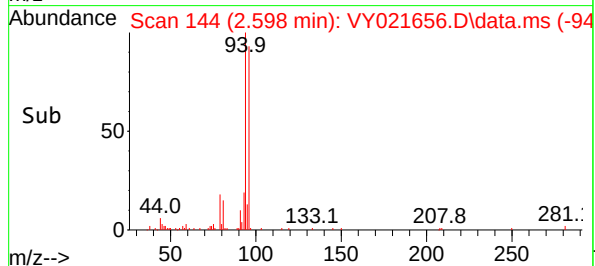
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 15398
Ion Ratio Lower Upper
94 100
96 91.8 72.8 109.2

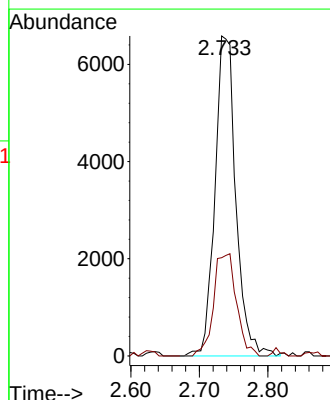
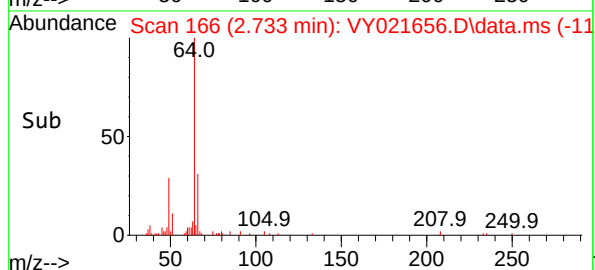
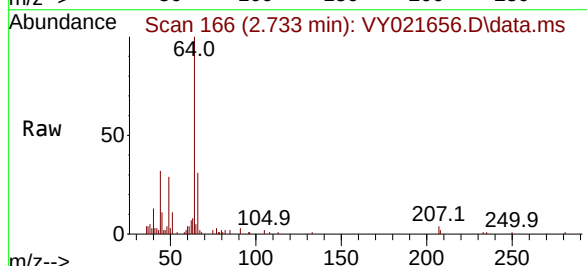
Manual Integrations
APPROVED

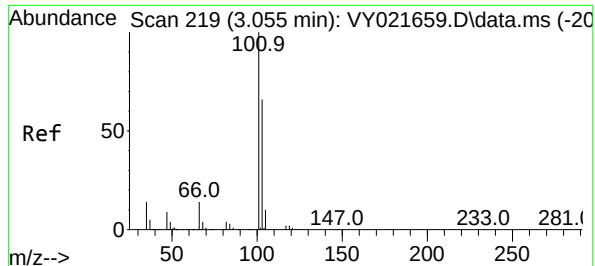
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#6
Chloroethane
Concen: 5.969 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

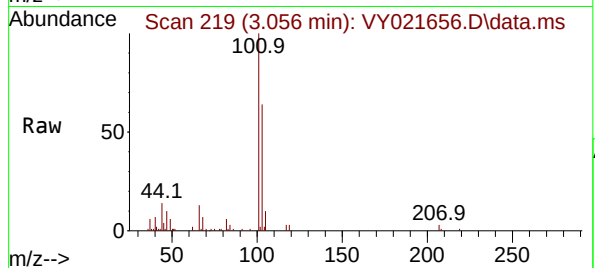
Tgt Ion: 64 Resp: 13977
Ion Ratio Lower Upper
64 100
66 30.7 24.9 37.3





#7
Trichlorofluoromethane
Concen: 5.740 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

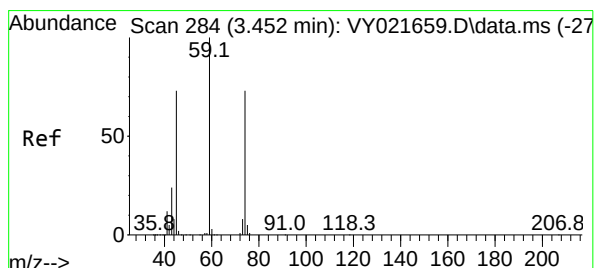
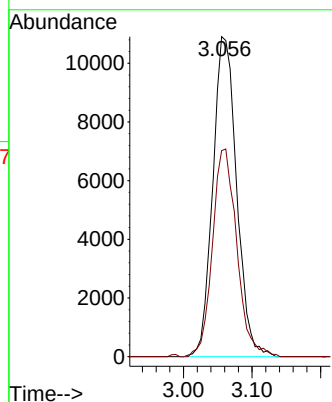
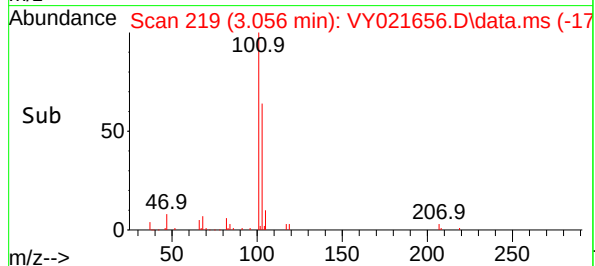
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 2631
Ion Ratio Lower Upper
101 100
103 64.4 53.1 79.7

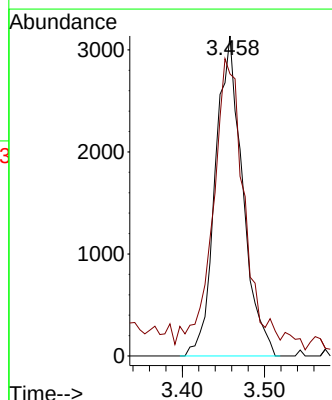
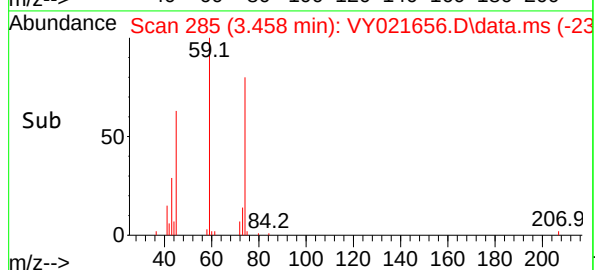
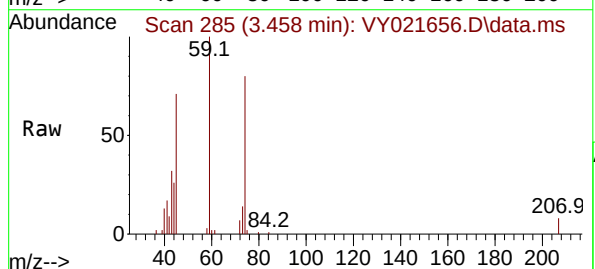
Manual Integrations
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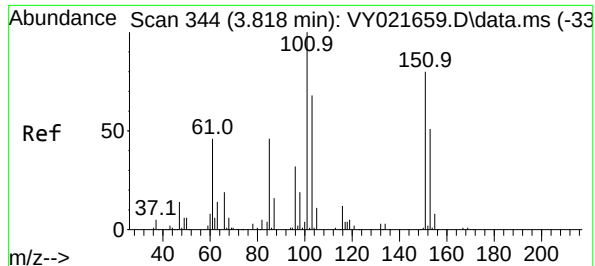
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#8
Diethyl Ether
Concen: 5.786 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 74 Resp: 7213
Ion Ratio Lower Upper
74 100
45 99.4 48.6 145.8





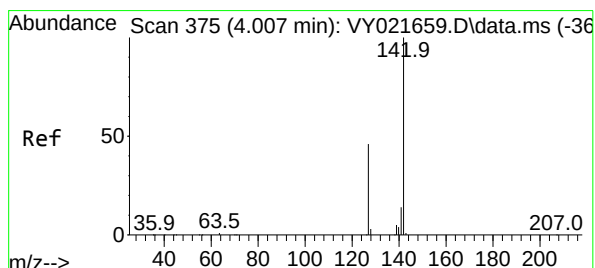
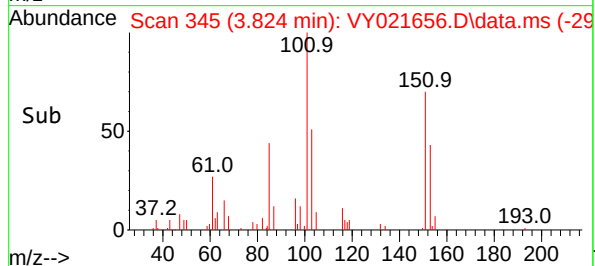
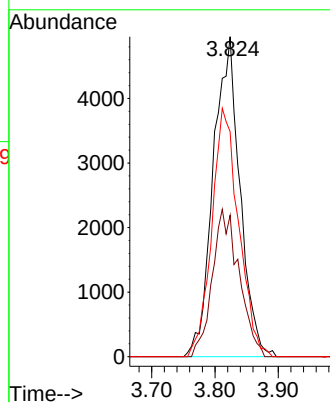
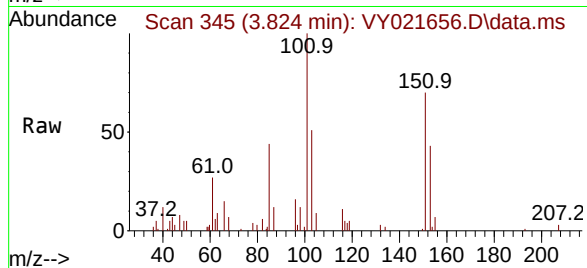
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.995 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1449
Ion Ratio Lower Upper
101 100
85 46.3 36.3 54.5
151 78.3 61.3 91.9

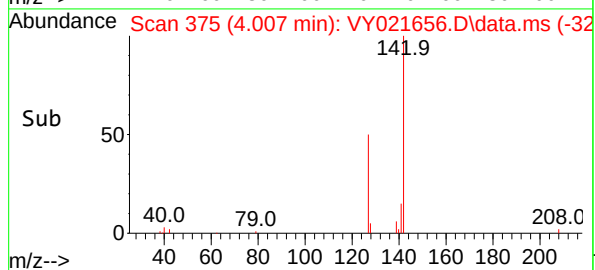
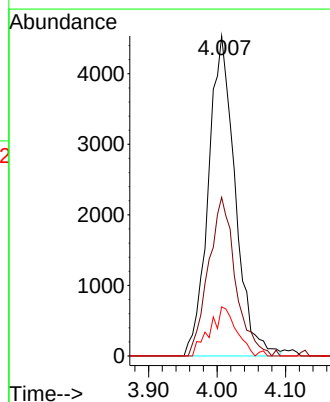
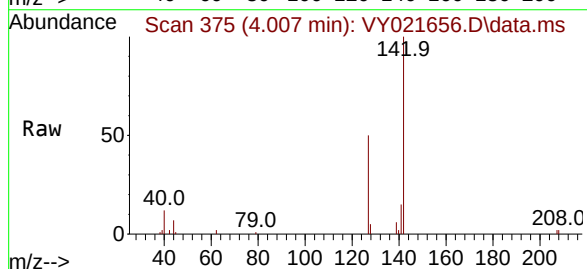
Manual Integrations
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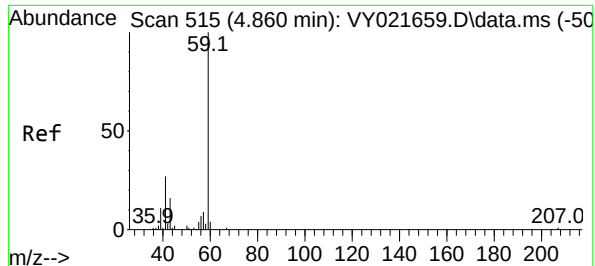
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 4.642 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion:142 Resp: 12311
Ion Ratio Lower Upper
142 100
127 50.2 38.7 58.1
141 15.0 11.5 17.3





#11

Tert butyl alcohol

Concen: 30.344 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 4630

Ion Ratio Lower Upper

59 100

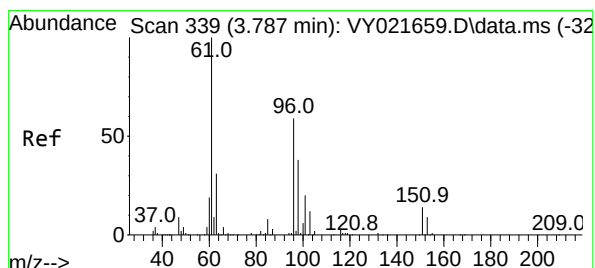
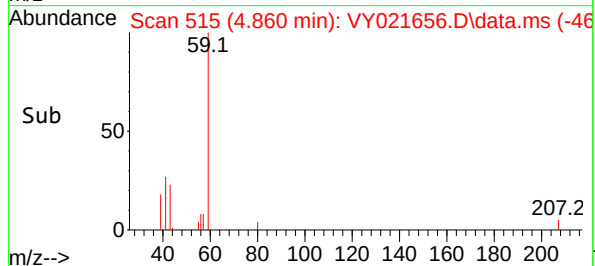
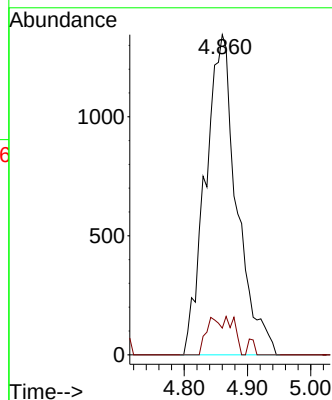
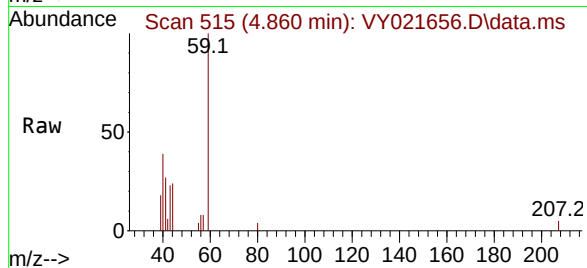
57 5.7 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#12

1,1-Dichloroethene

Concen: 5.611 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

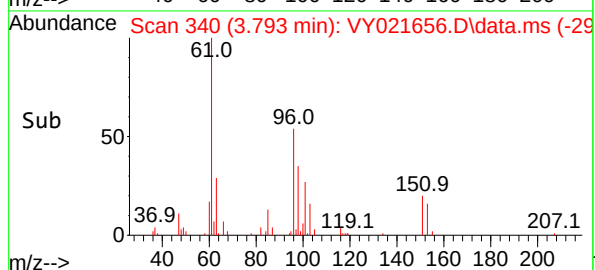
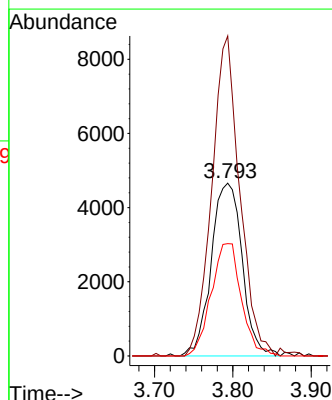
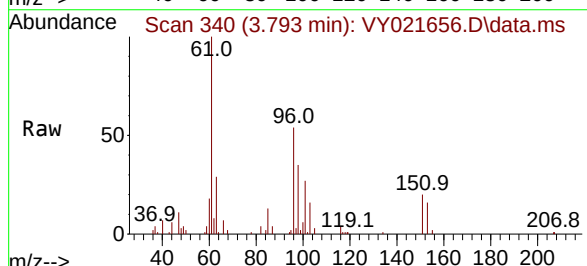
Tgt Ion: 96 Resp: 12778

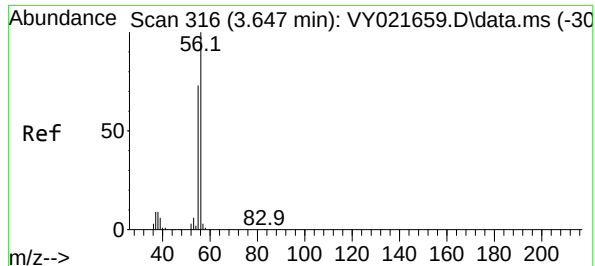
Ion Ratio Lower Upper

96 100

61 185.1 136.6 204.8

98 65.0 52.3 78.5





#13

Acrolein

Concen: 26.881 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 7499

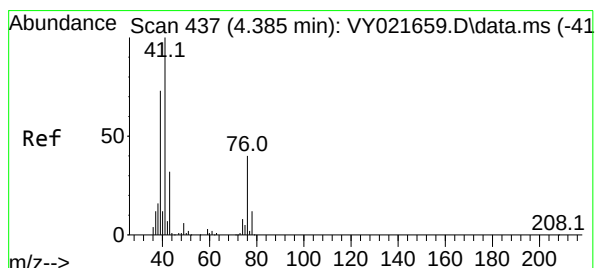
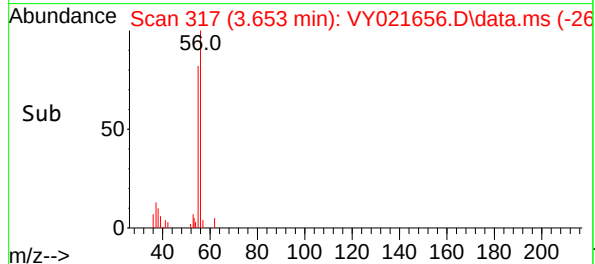
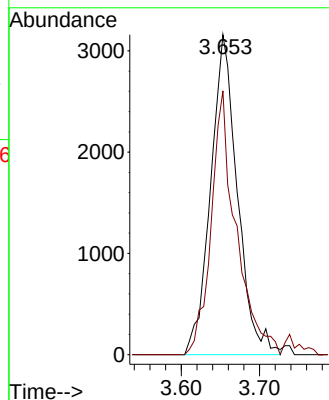
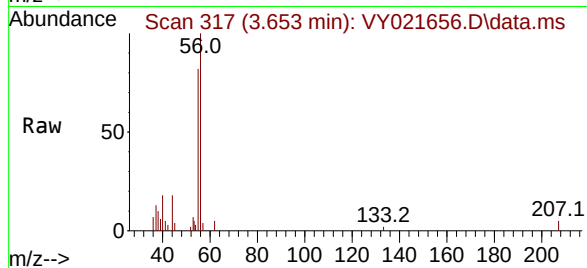
Ion Ratio Lower Upper

56 100

55 76.7 56.6 85.0

Manual Integrations

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Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#14

Allyl chloride

Concen: 5.362 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

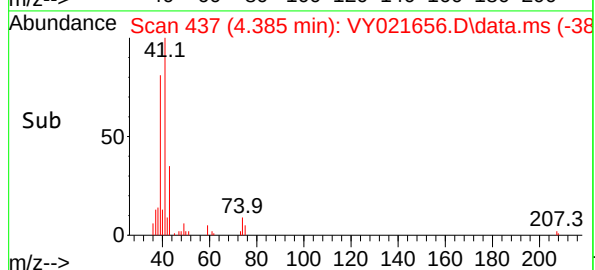
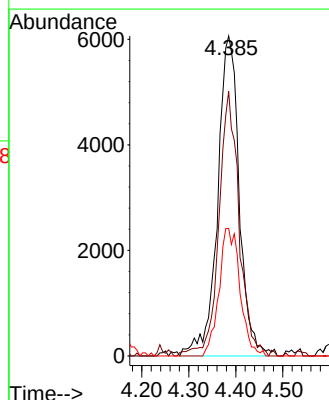
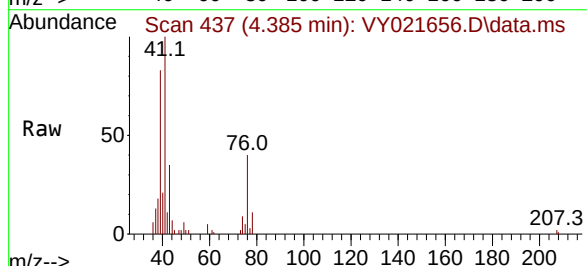
Tgt Ion: 41 Resp: 19469

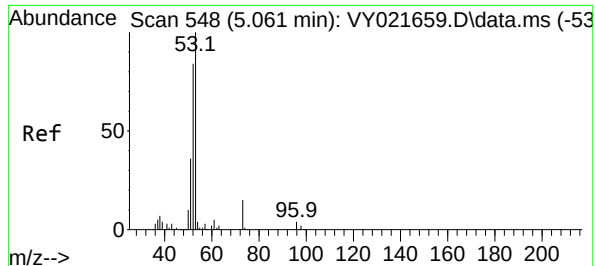
Ion Ratio Lower Upper

41 100

39 76.8 58.6 88.0

76 38.6 30.3 45.5





#15

Acrylonitrile

Concen: 27.546 ug/l

RT: 5.061 min Scan# 548

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

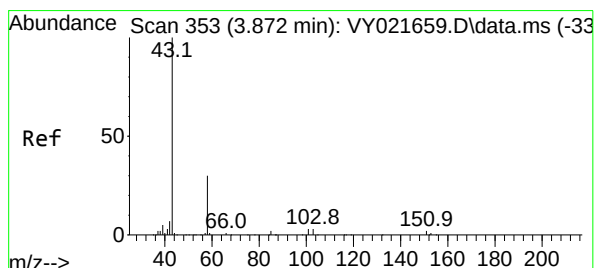
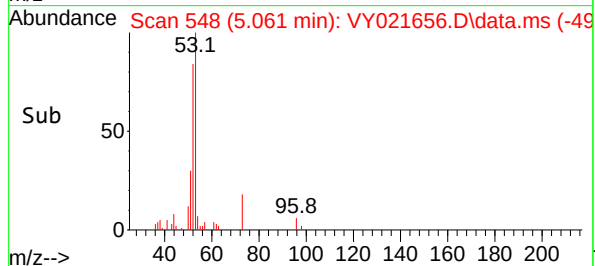
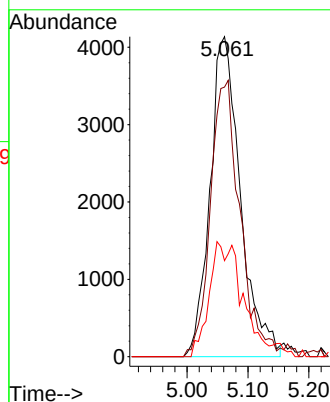
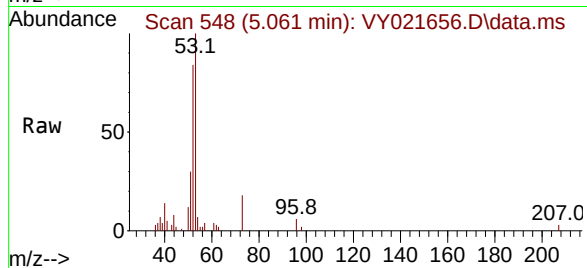
VSTDICC005

Tgt Ion: 53	Resp: 1433
Ion Ratio	Lower Upper
53	100
52	84.3 64.9 97.3
51	18.9 30.2 45.2

Manual Integrations

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Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16

Acetone

Concen: 32.687 ug/l

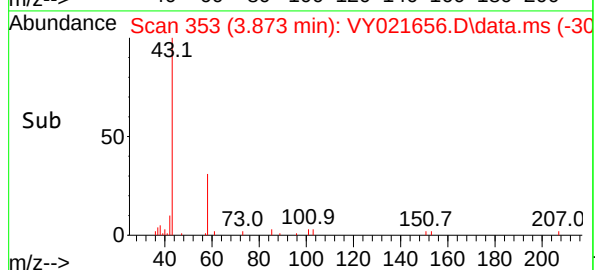
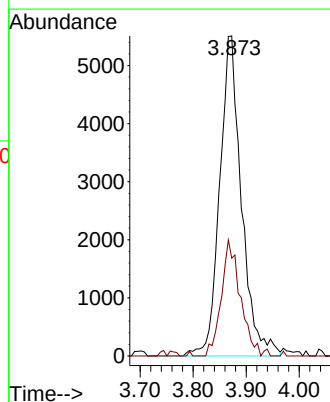
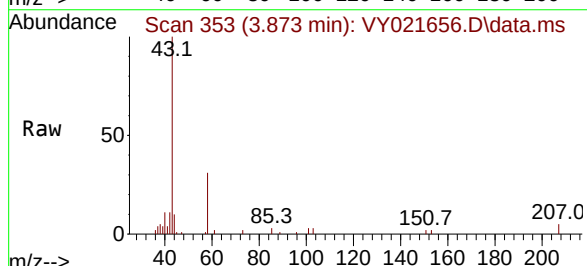
RT: 3.873 min Scan# 353

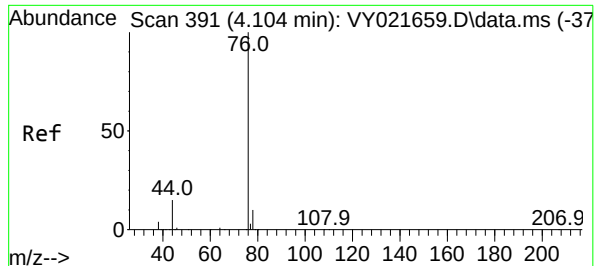
Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Tgt Ion: 43	Resp: 15736
Ion Ratio	Lower Upper
43	100
58	30.5 24.2 36.4





#17

Carbon Disulfide

Concen: 5.662 ug/l

RT: 4.110 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 4246

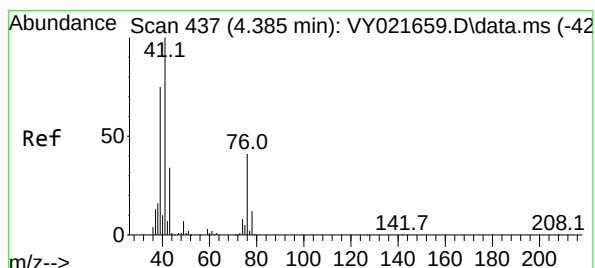
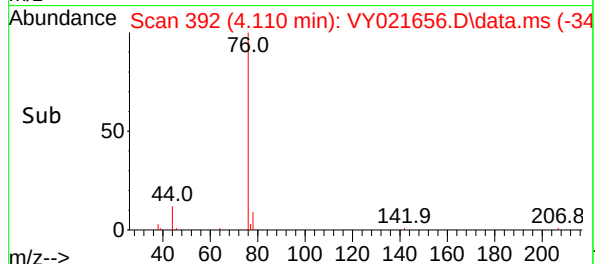
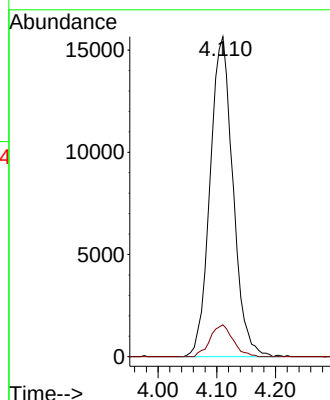
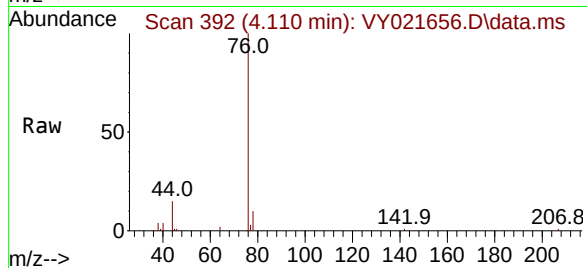
Ion Ratio Lower Upper

76 100

78 10.0 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#18

Methyl Acetate

Concen: 5.985 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY021656.D

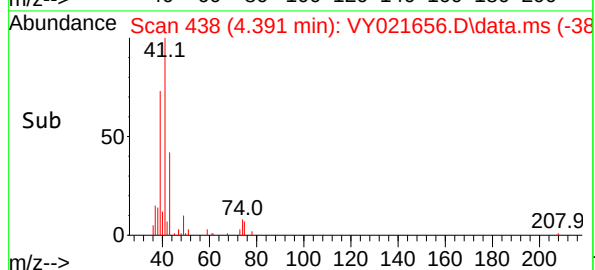
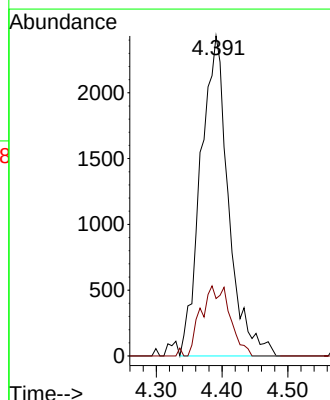
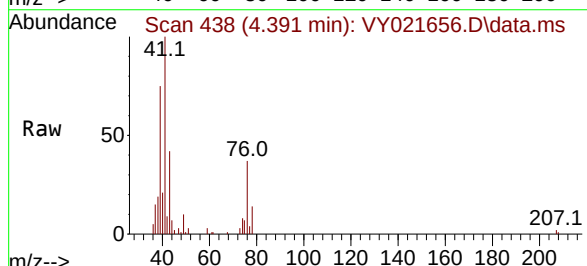
Acq: 27 Mar 2025 10:08

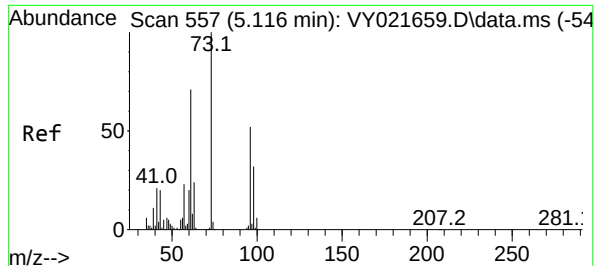
Tgt Ion: 43 Resp: 7141

Ion Ratio Lower Upper

43 100

74 22.6 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 5.286 ug/l

RT: 5.110 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 2996

Ion Ratio Lower Upper

73 100

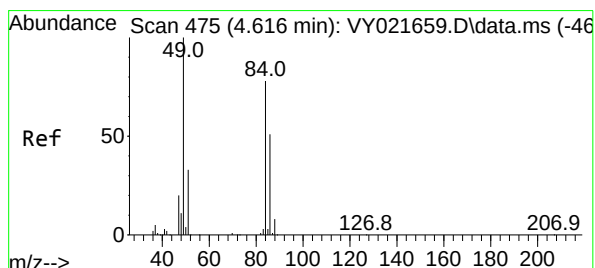
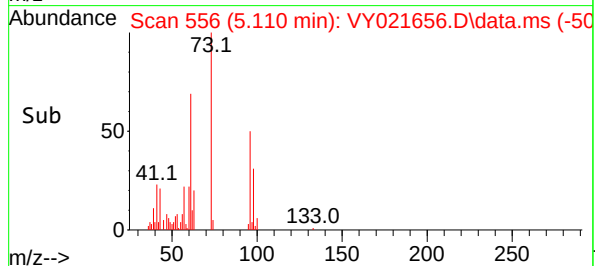
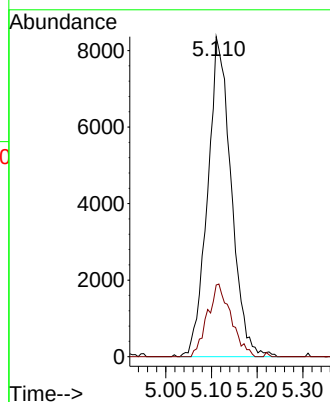
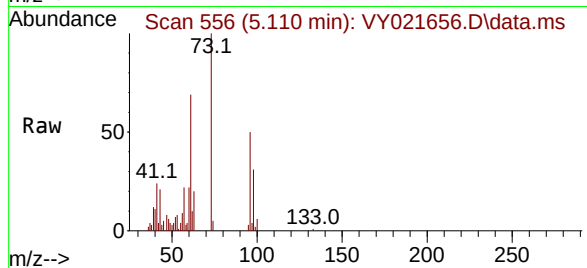
57 22.4 18.1 27.1

Manual Integrations

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Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#20

Methylene Chloride

Concen: 4.497 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Tgt Ion: 84 Resp: 18885

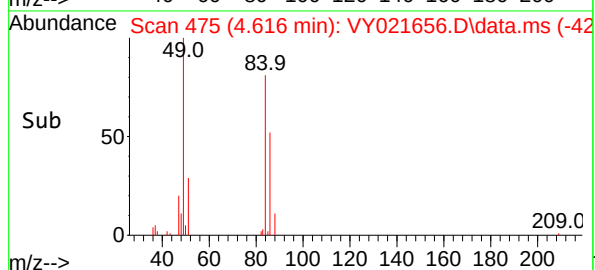
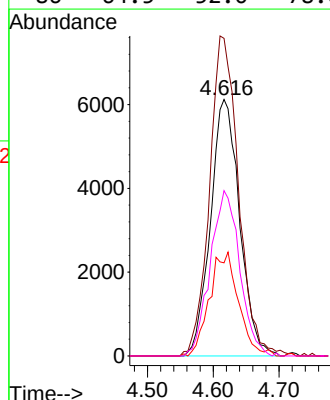
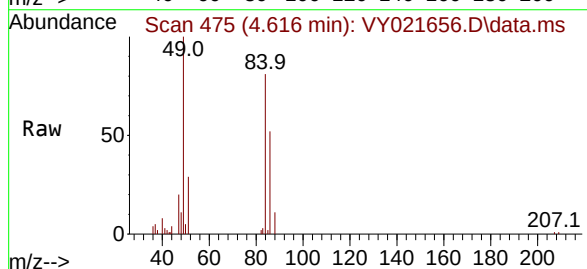
Ion Ratio Lower Upper

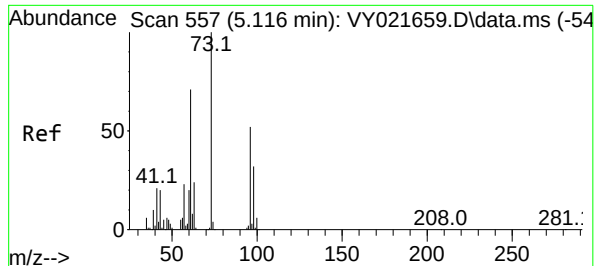
84 100

49 123.8 102.8 154.2

51 36.3 33.5 50.3

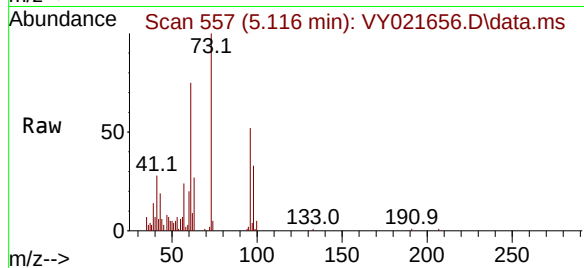
86 64.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 5.489 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

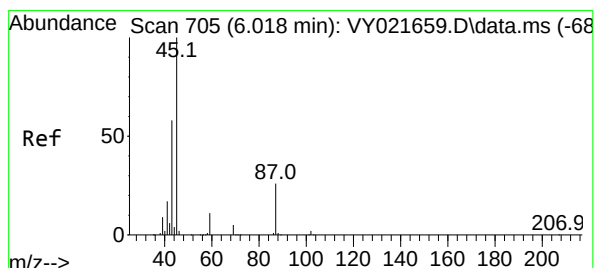
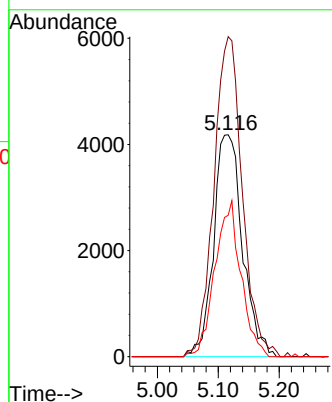
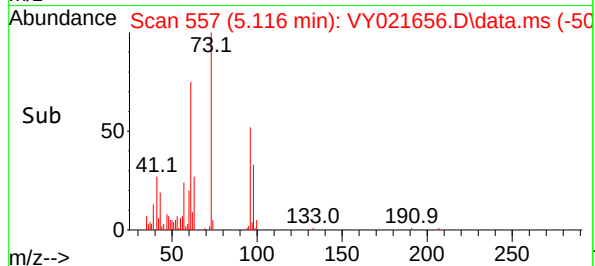
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 1376
Ion Ratio Lower Upper
96 100
61 144.2 109.4 164.0
98 63.7 50.2 75.2

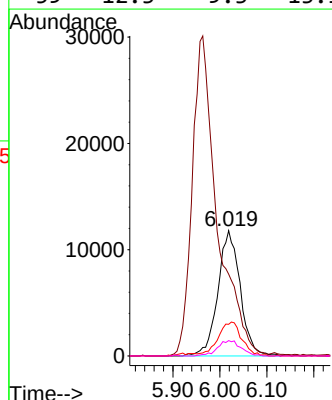
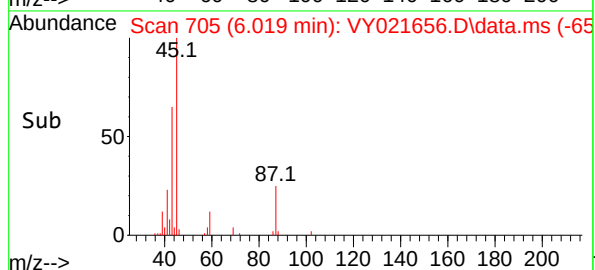
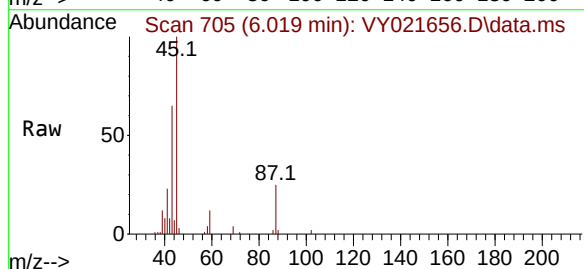
Manual Integrations
APPROVED

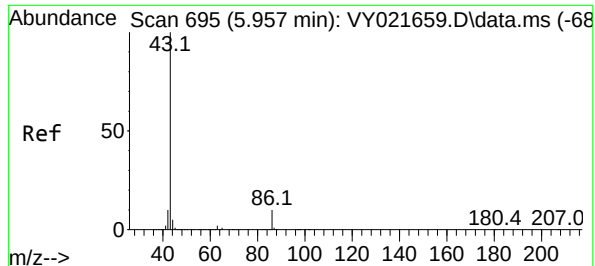
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#22
Diisopropyl ether
Concen: 5.118 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 45 Resp: 38980
Ion Ratio Lower Upper
45 100
43 64.0 46.6 69.8
87 25.2 20.7 31.1
59 12.3 9.3 13.9





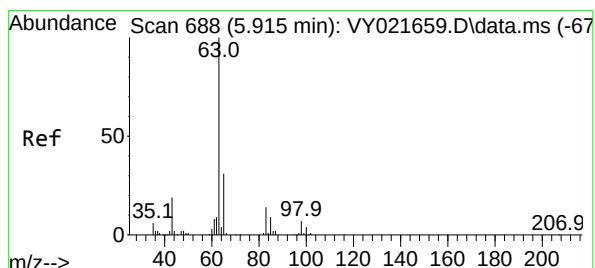
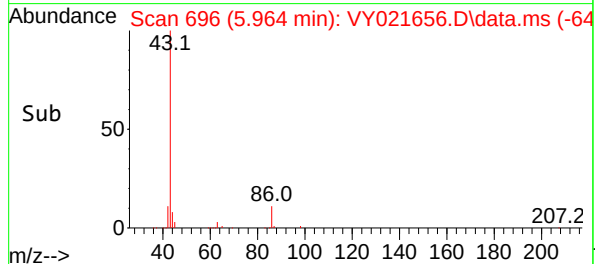
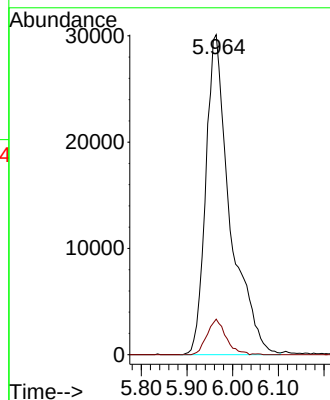
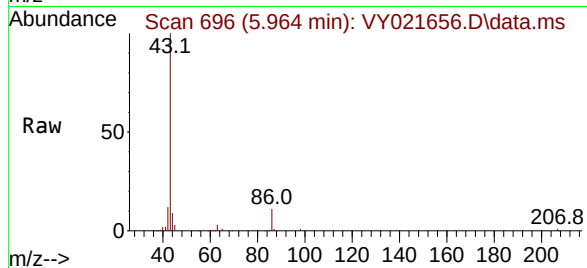
#23
Vinyl Acetate
Concen: 24.992 ug/l
RT: 5.964 min Scan# 695
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 11135
Ion Ratio Lower Upper
43 100
86 11.1 8.2 12.2

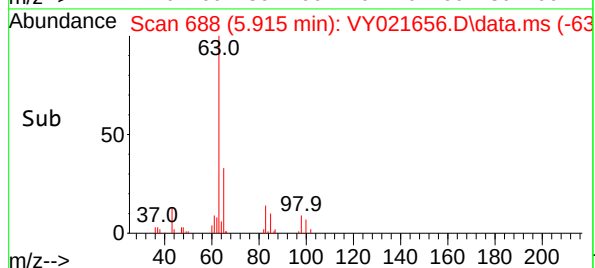
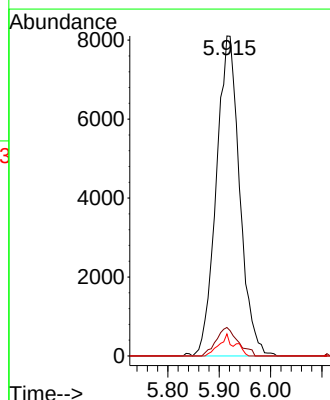
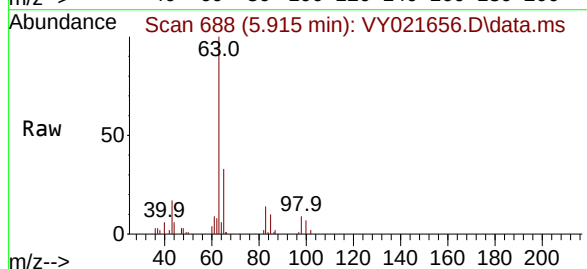
Manual Integrations
APPROVED

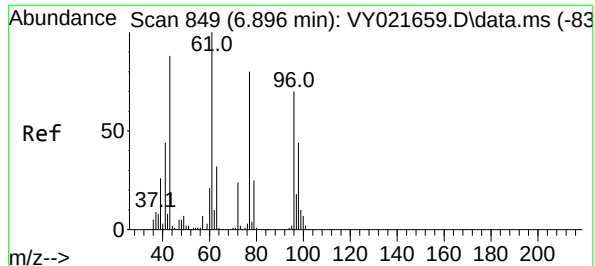
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#24
1,1-Dichloroethane
Concen: 5.616 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 63 Resp: 25578
Ion Ratio Lower Upper
63 100
98 8.9 3.5 10.5
100 6.9 2.2 6.6#





#25

2-Butanone

Concen: 28.598 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 1966

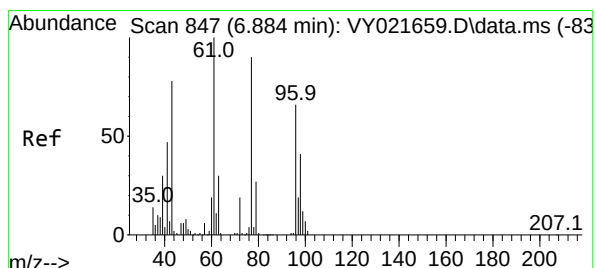
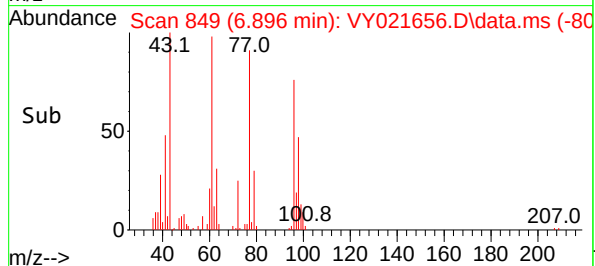
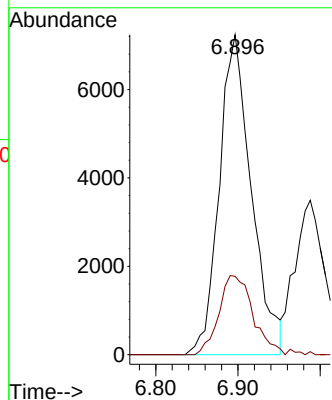
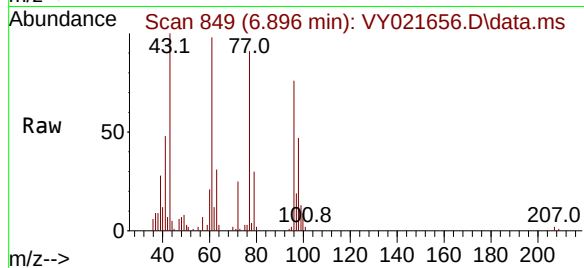
Ion Ratio Lower Upper

43 100

72 24.5 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#26

2,2-Dichloropropane

Concen: 5.695 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021656.D

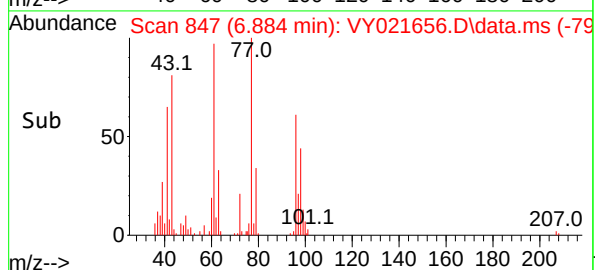
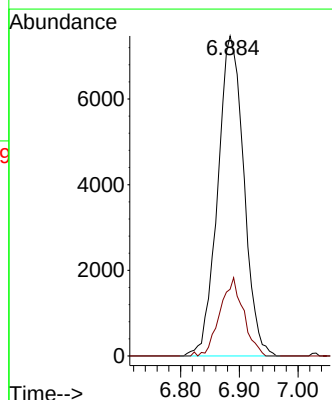
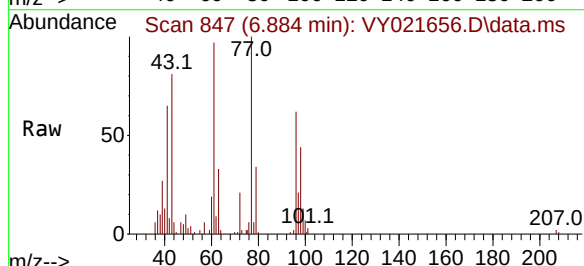
Acq: 27 Mar 2025 10:08

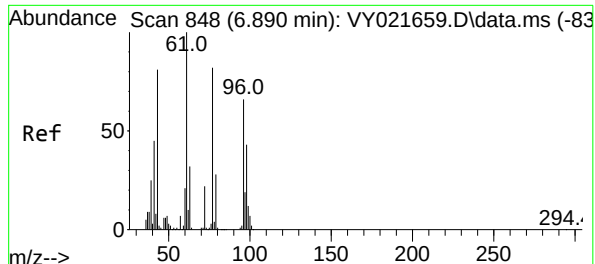
Tgt Ion: 77 Resp: 23073

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 5.390 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

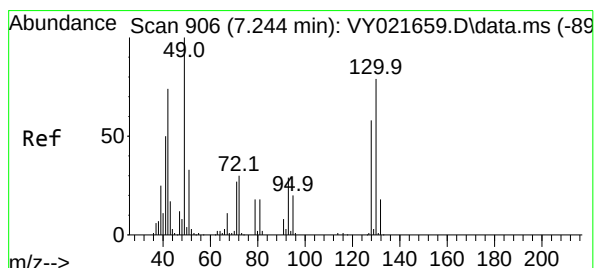
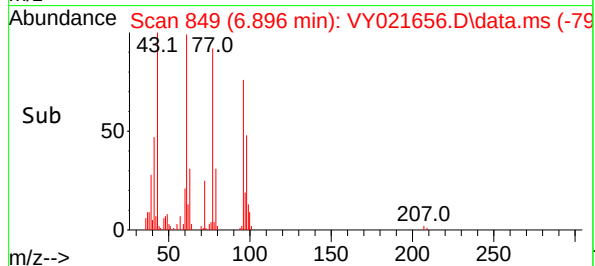
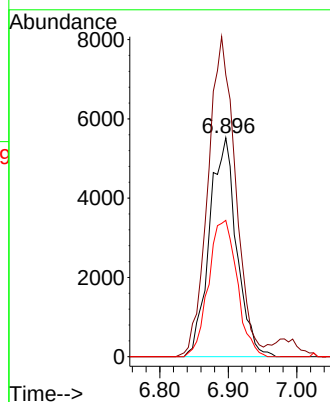
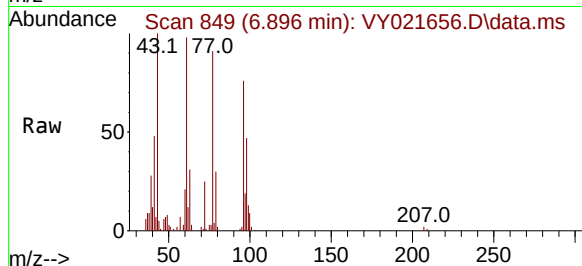
VSTDICC005

Tgt Ion: 96	Resp: 1519
Ion Ratio	Lower Upper
96 100	
61 148.4	0.0 296.4
98 65.4	0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#28

Bromochloromethane

Concen: 5.799 ug/l

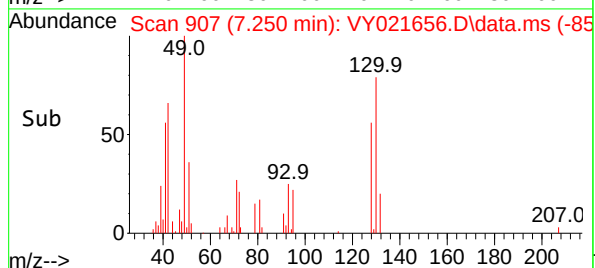
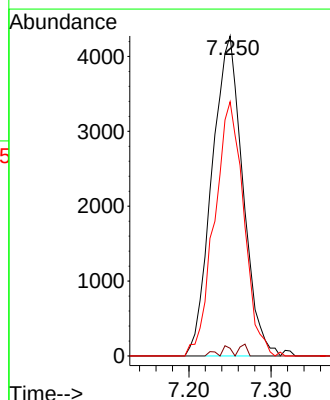
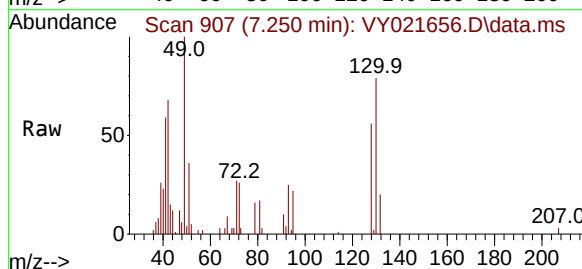
RT: 7.250 min Scan# 907

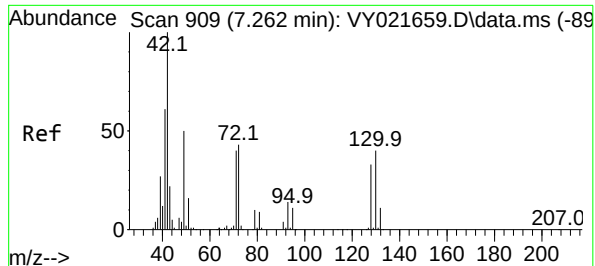
Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Tgt Ion: 49	Resp: 11139
Ion Ratio	Lower Upper
49 100	
129 1.2	0.0 4.4
130 75.8	60.1 90.1





#29

Tetrahydrofuran

Concen: 26.430 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 11690

Ion Ratio Lower Upper

42 100

72 43.3 34.6 52.0

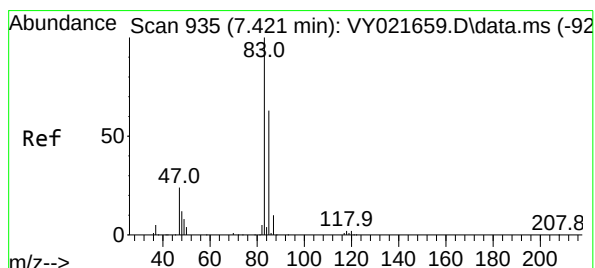
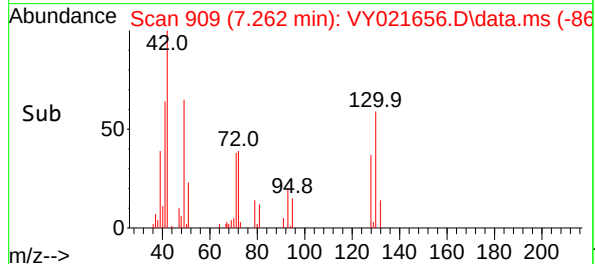
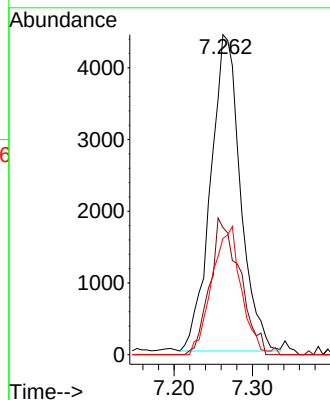
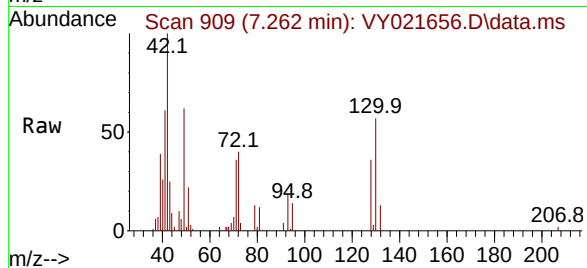
71 39.9 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#30

Chloroform

Concen: 5.662 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021656.D

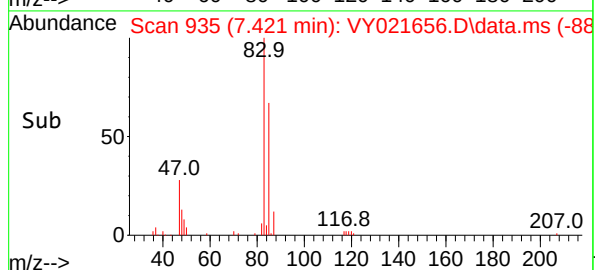
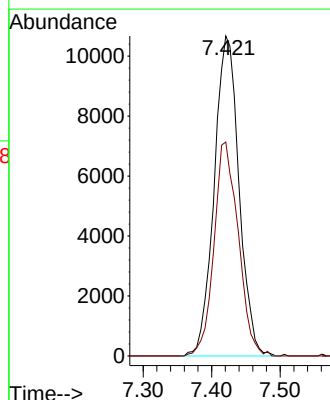
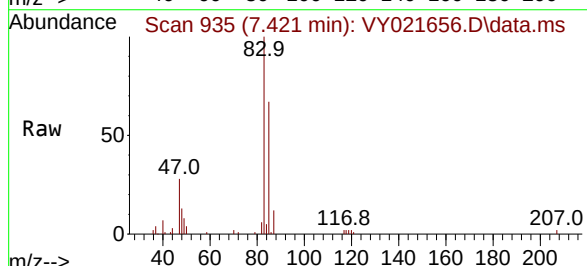
Acq: 27 Mar 2025 10:08

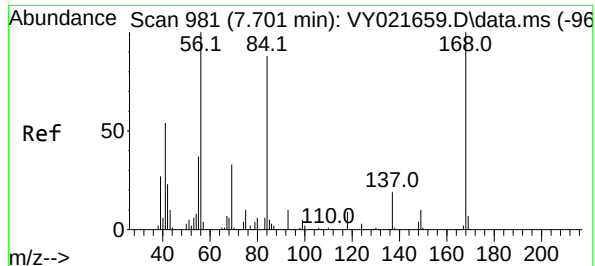
Tgt Ion: 83 Resp: 26819

Ion Ratio Lower Upper

83 100

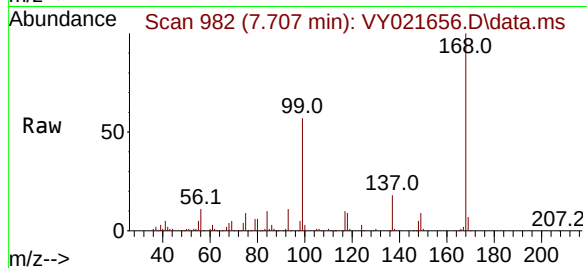
85 66.9 50.6 75.8





#31
Cyclohexane
Concen: 6.117 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

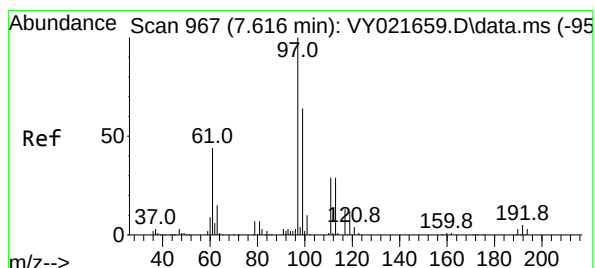
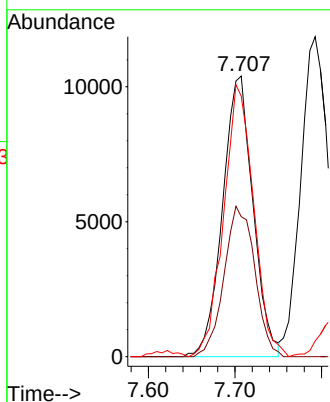
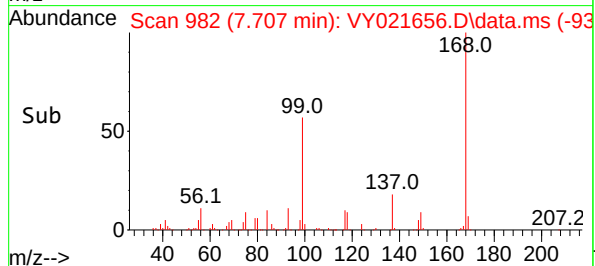
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 25394
Ion Ratio Lower Upper
56 100
69 49.9 26.6 40.0
84 91.4 69.0 103.4

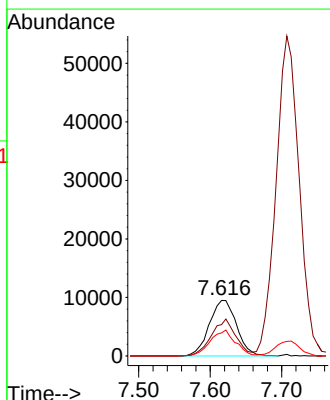
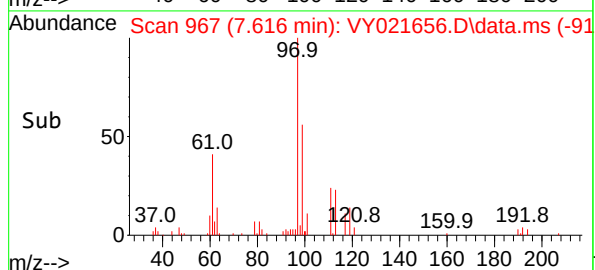
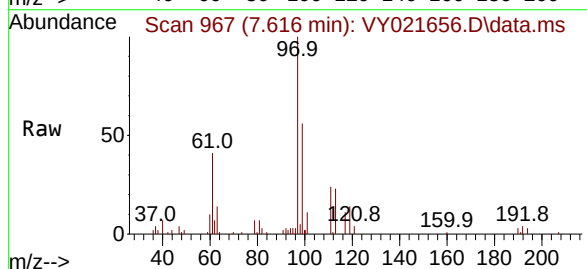
Manual Integrations
APPROVED

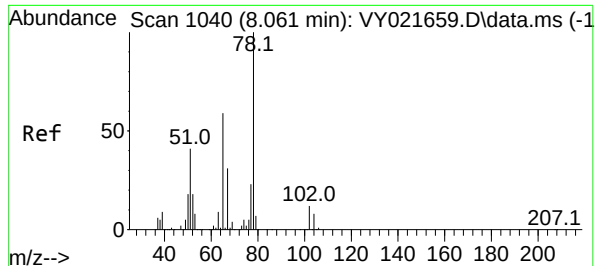
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#32
1,1,1-Trichloroethane
Concen: 5.856 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 97 Resp: 25069
Ion Ratio Lower Upper
97 100
99 59.7 50.7 76.1
61 43.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 5.650 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 13289

Ion Ratio Lower Upper

65 100

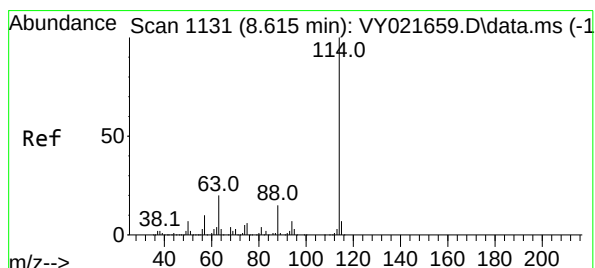
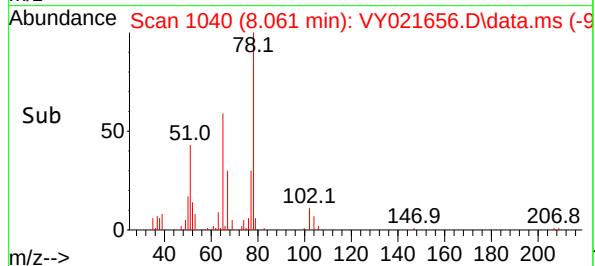
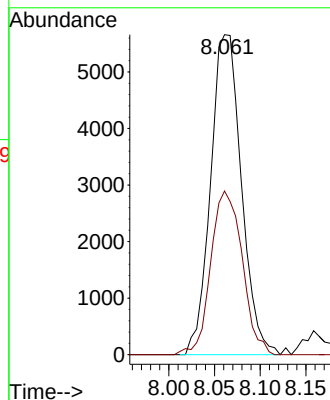
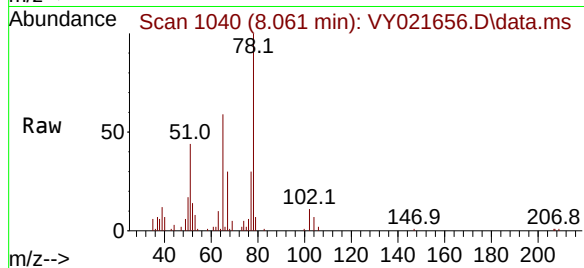
67 52.1 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

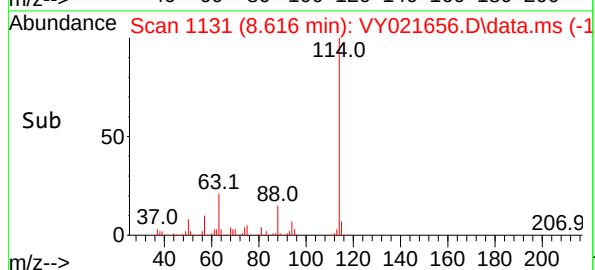
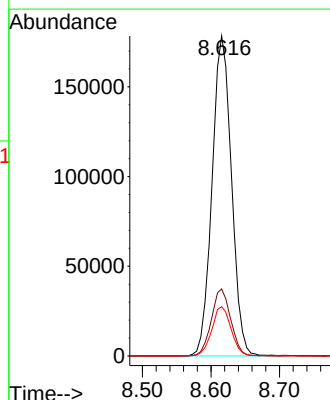
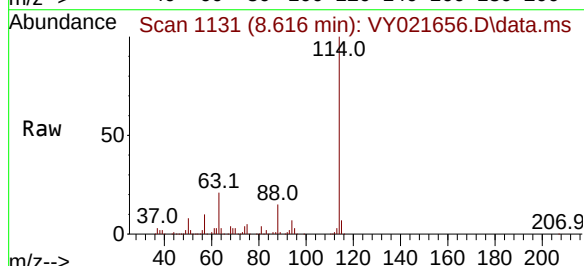
Tgt Ion:114 Resp: 350486

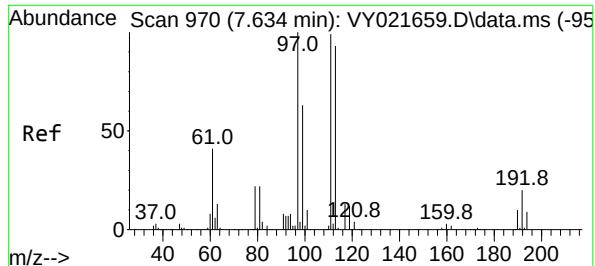
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

88 15.4 0.0 29.8





#35

Dibromofluoromethane

Concen: 5.506 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

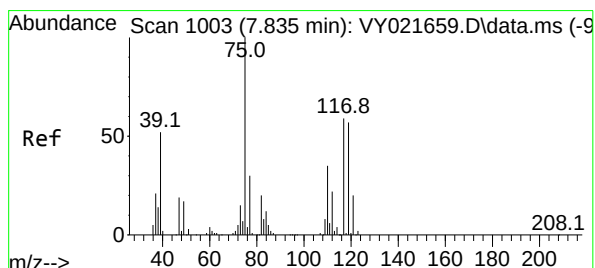
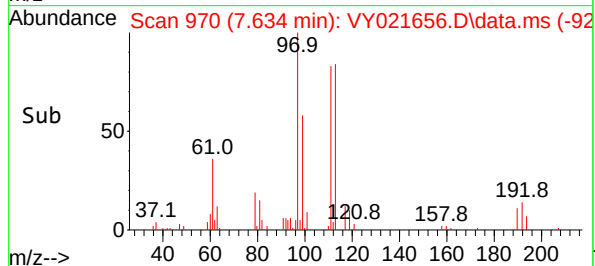
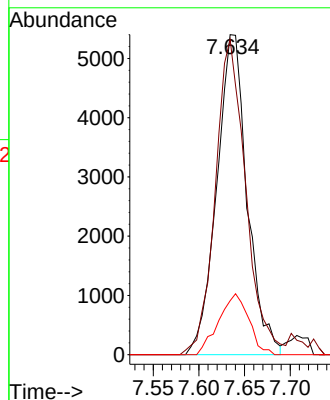
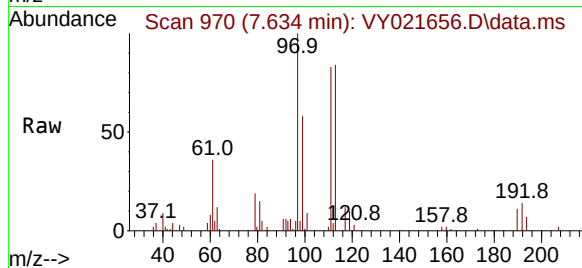
VSTDIC005

Tgt Ion:	113	Resp:	12519
Ion	Ratio	Lower	Upper
113	100		
111	98.5	82.6	123.8
192	18.8	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#36

1,1-Dichloropropene

Concen: 5.388 ug/l

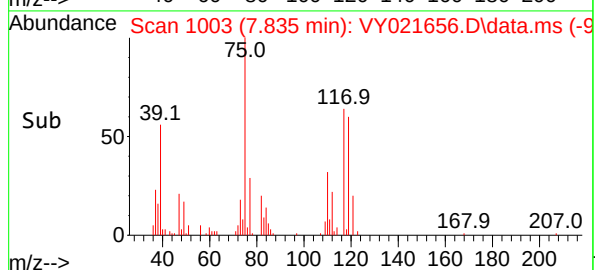
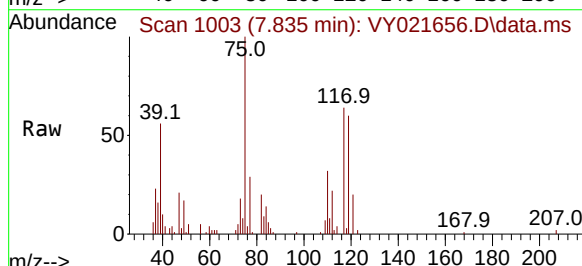
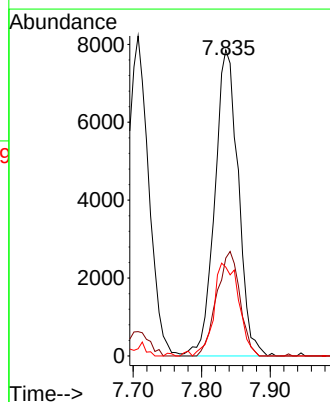
RT: 7.835 min Scan# 1003

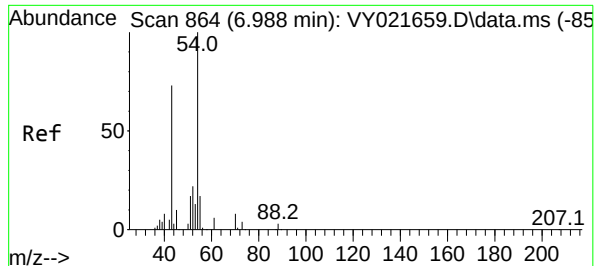
Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Tgt Ion:	75	Resp:	18659
Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.0	50.9
77	32.1	24.8	37.2





#37

Ethyl Acetate

Concen: 5.788 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

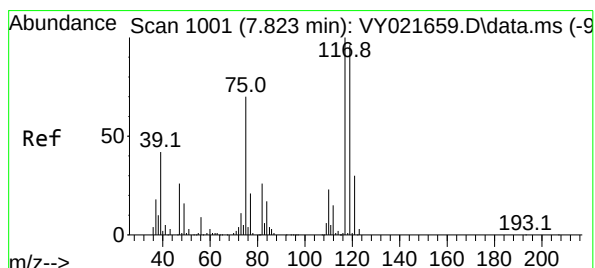
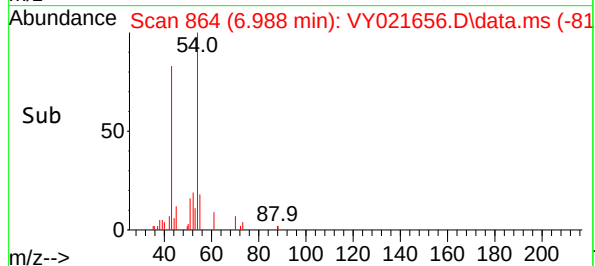
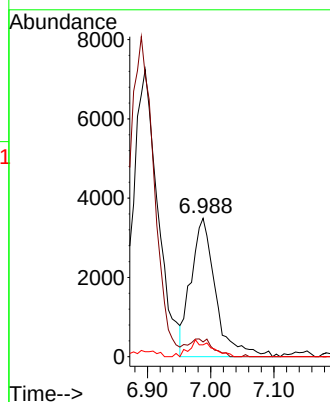
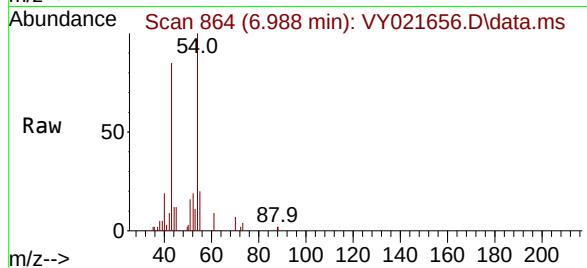
VSTDICC005

Tgt Ion:	43	Resp:	945
Ion	Ratio	Lower	Upper
43	100		
61	10.9	11.0	16.6
70	10.8	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#38

Carbon Tetrachloride

Concen: 5.625 ug/l

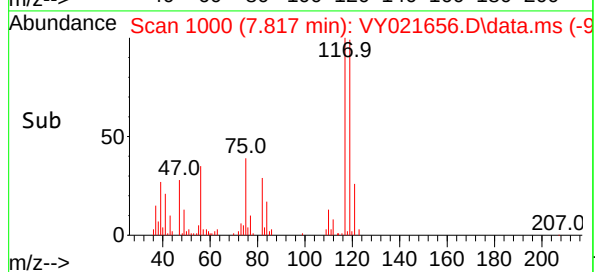
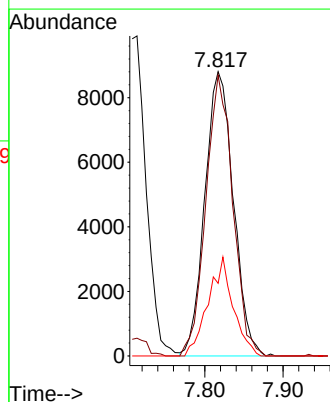
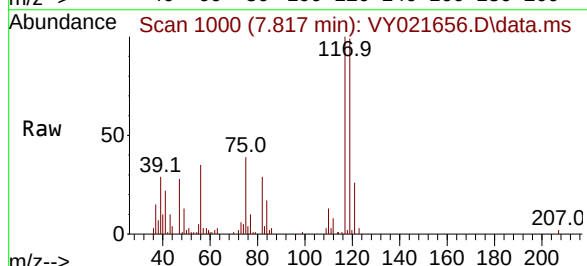
RT: 7.817 min Scan# 1000

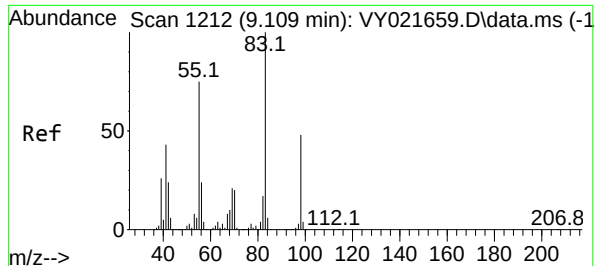
Delta R.T. -0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Tgt Ion:	117	Resp:	22310
Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.2	114.4
121	25.6	24.2	36.4





#39

Methylcyclohexane

Concen: 5.023 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 2078

Ion Ratio Lower Upper

83 100

55 78.6 59.7 89.5

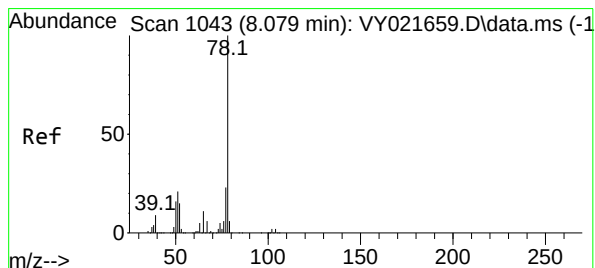
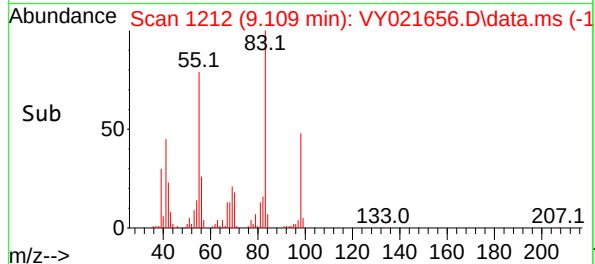
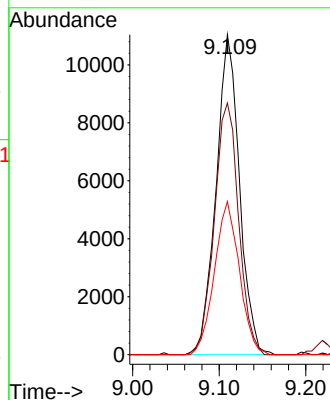
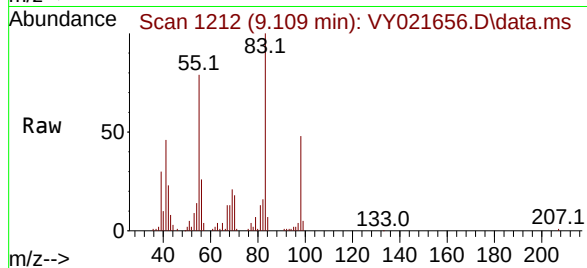
98 47.9 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#40

Benzene

Concen: 5.427 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021656.D

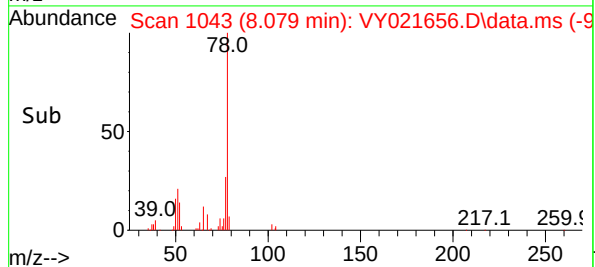
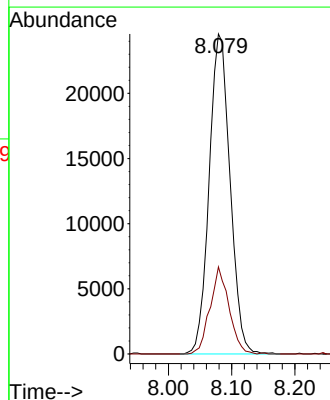
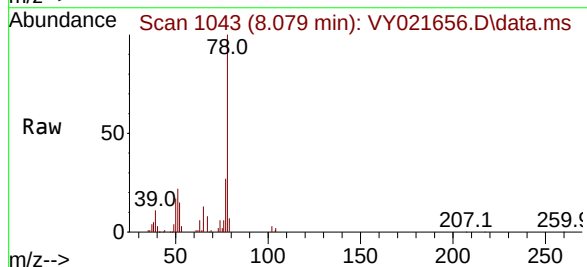
Acq: 27 Mar 2025 10:08

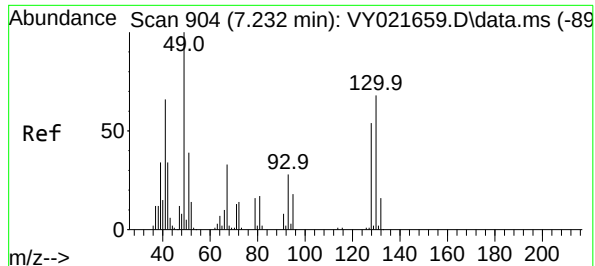
Tgt Ion: 78 Resp: 56287

Ion Ratio Lower Upper

78 100

77 27.2 18.8 28.2





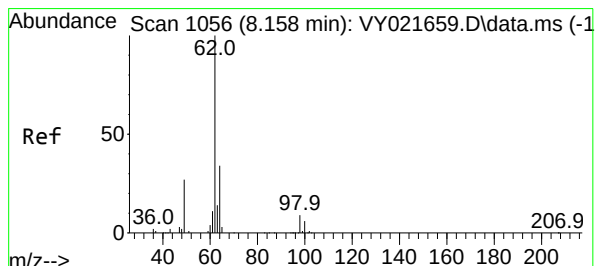
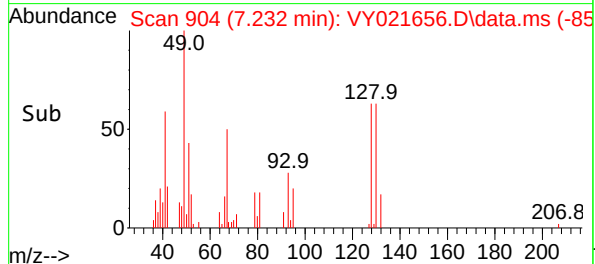
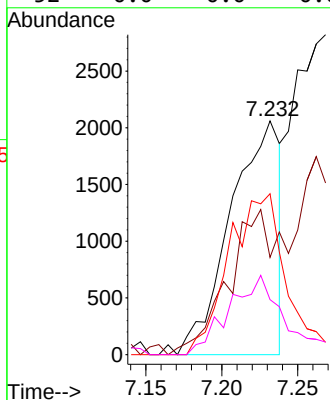
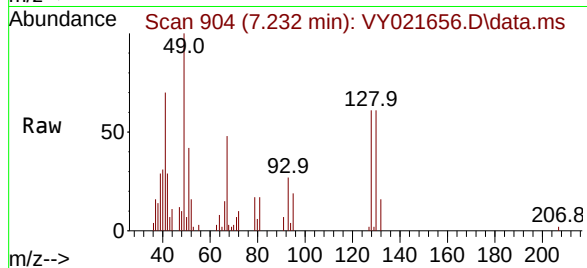
#41
Methacrylonitrile
Concen: 5.402 ug/l m
RT: 7.232 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 4688
Ion Ratio Lower Upper
41 100
39 78.1 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

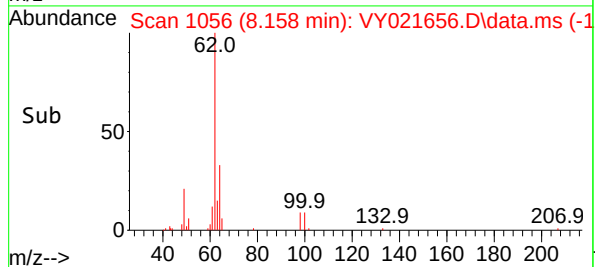
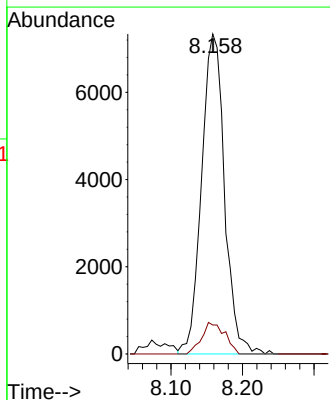
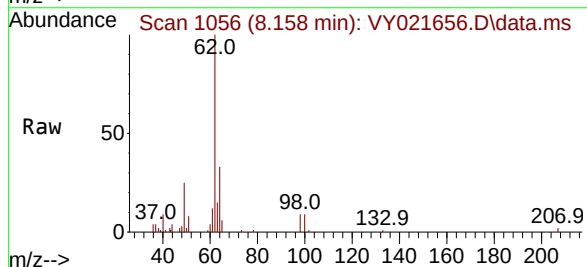
Manual Integrations
APPROVED

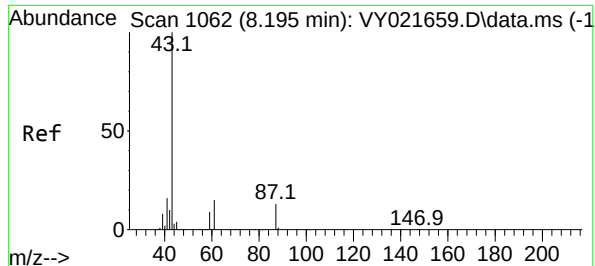
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 5.603 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 62 Resp: 16381
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.4





#43

Isopropyl Acetate

Concen: 5.329 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

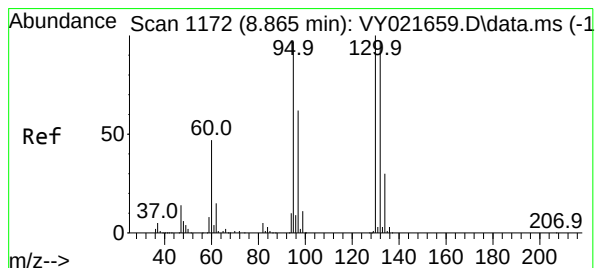
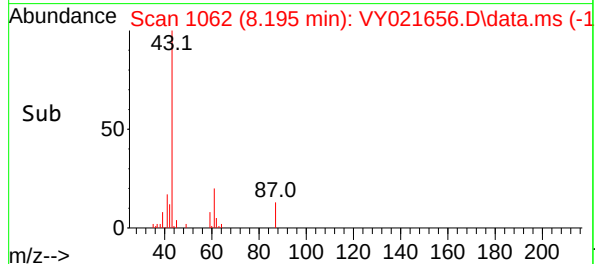
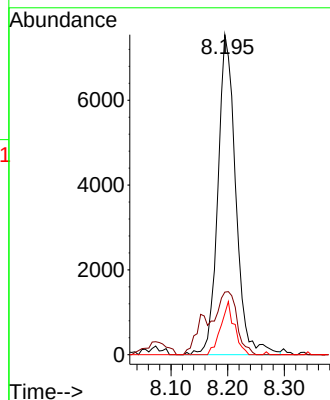
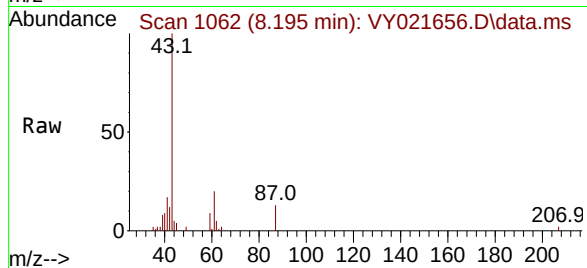
VSTDIC005

Tgt Ion: 43	Resp: 16504
Ion Ratio	Lower Upper
43 100	
61 21.8	15.9 23.9
87 12.8	10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#44

Trichloroethene

Concen: 5.470 ug/l

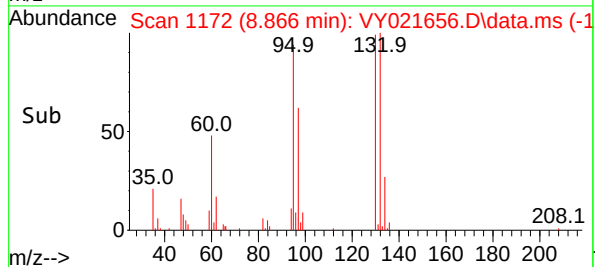
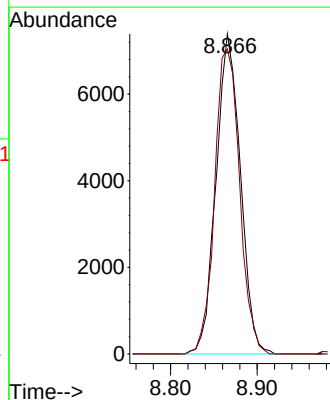
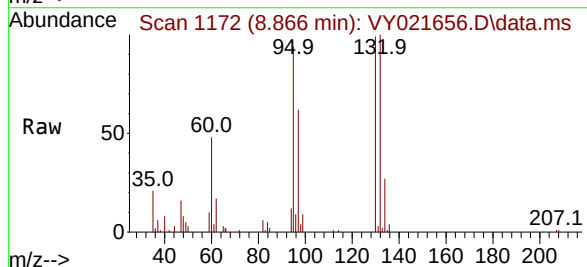
RT: 8.866 min Scan# 1172

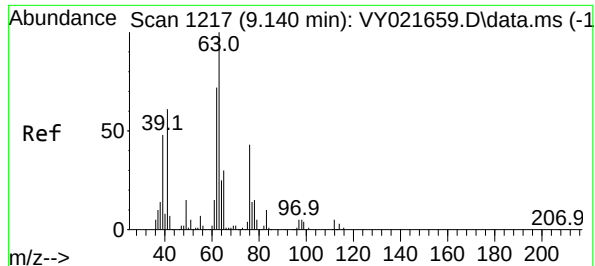
Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Tgt Ion:130	Resp: 14453
Ion Ratio	Lower Upper
130 100	
95 95.3	0.0 194.8





#45

1,2-Dichloropropane

Concen: 5.470 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 13429

Ion Ratio Lower Upper

63 100

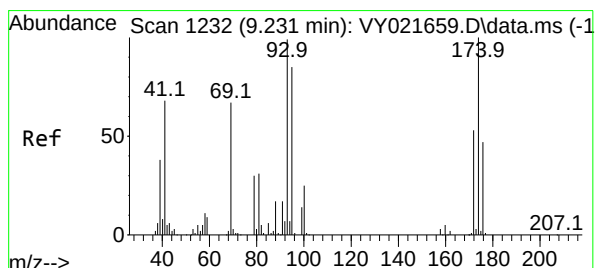
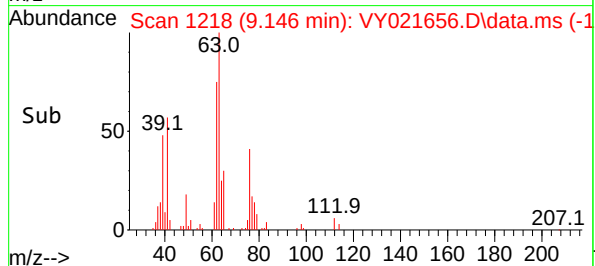
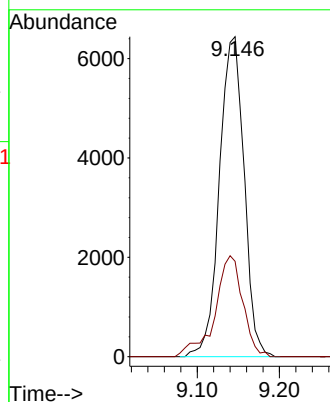
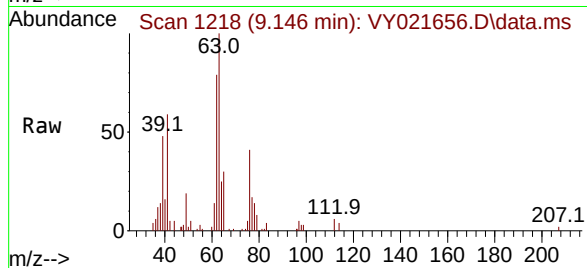
65 29.8 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#46

Dibromomethane

Concen: 5.571 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

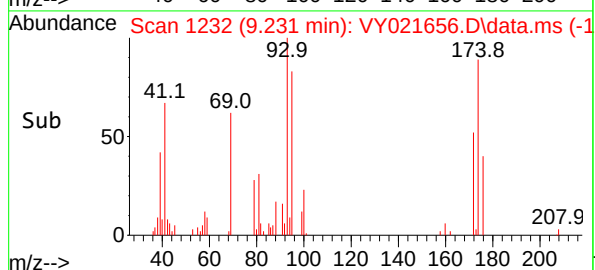
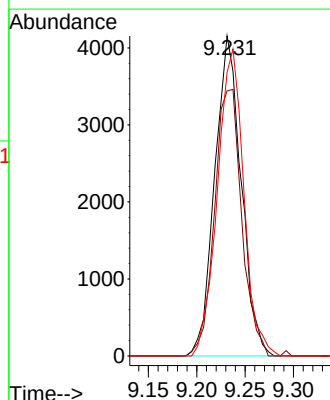
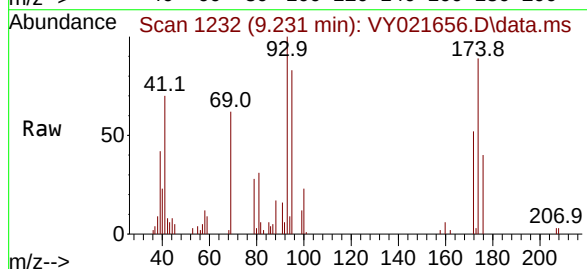
Tgt Ion: 93 Resp: 7882

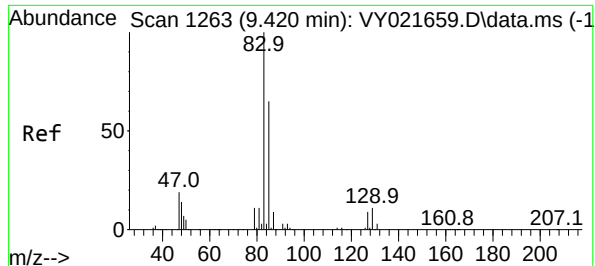
Ion Ratio Lower Upper

93 100

95 85.8 68.1 102.1

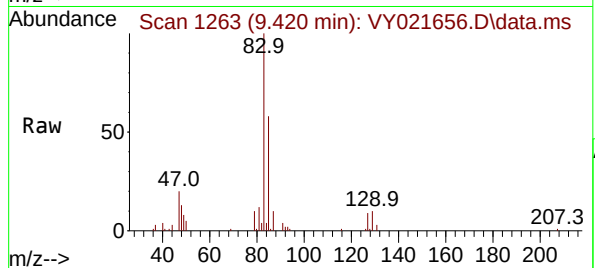
174 95.8 80.9 121.3





#47
Bromodichloromethane
Concen: 5.458 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

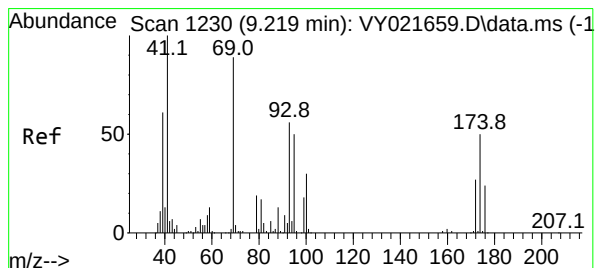
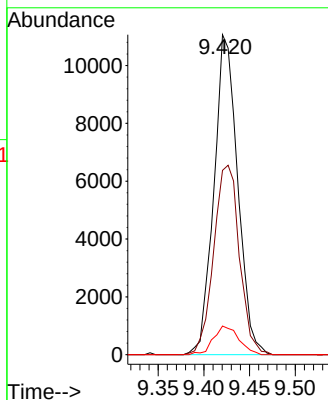
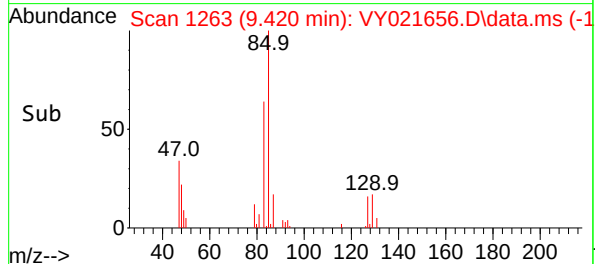
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 2000
Ion Ratio Lower Upper
83 100
85 57.6 51.8 77.6
127 9.0 6.8 10.2

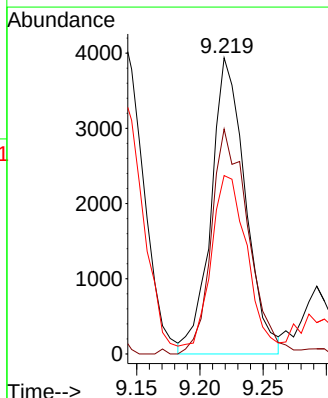
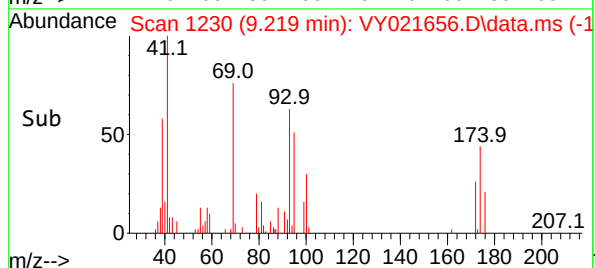
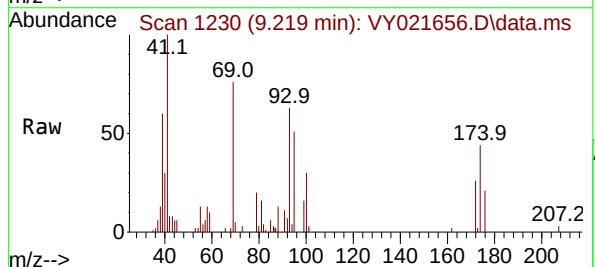
Manual Integrations
APPROVED

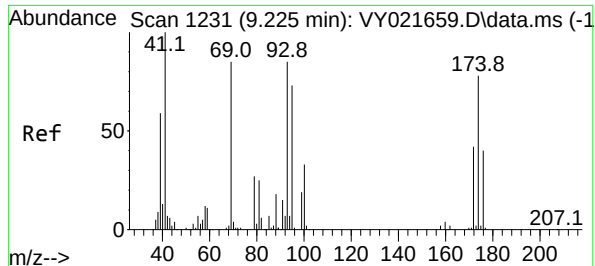
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48
Methyl methacrylate
Concen: 5.225 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 41 Resp: 7427
Ion Ratio Lower Upper
41 100
69 81.4 69.8 104.8
39 59.4 47.2 70.8





#49

1,4-Dioxane

Concen: 103.789 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

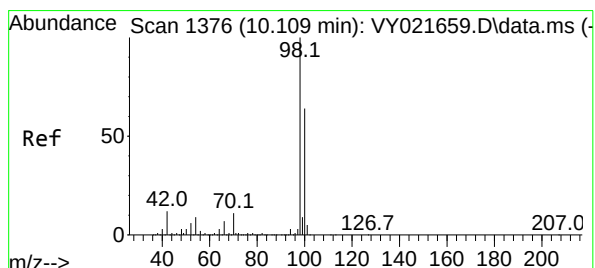
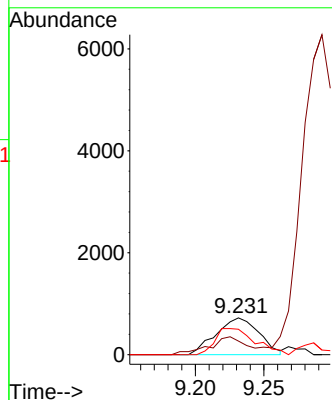
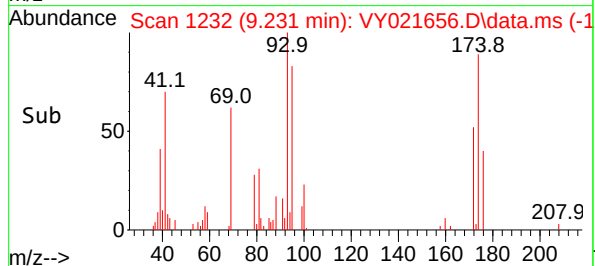
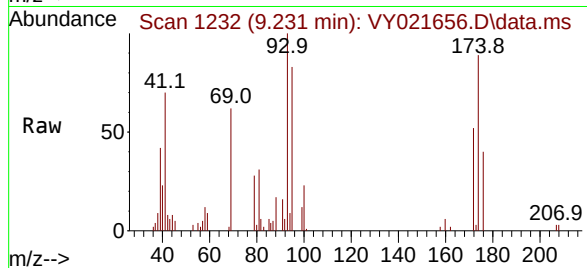
VSTDICC005

Tgt Ion:	88	Resp:	157
Ion	Ratio	Lower	Upper
88	100		
43	40.8	28.8	43.2
58	66.1	59.4	89.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#50

Toluene-d8

Concen: 5.177 ug/l

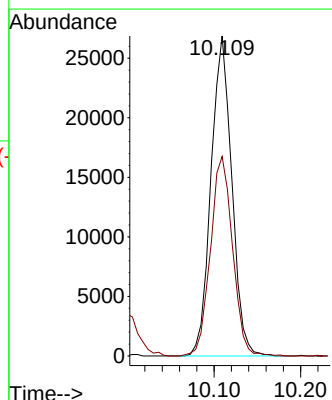
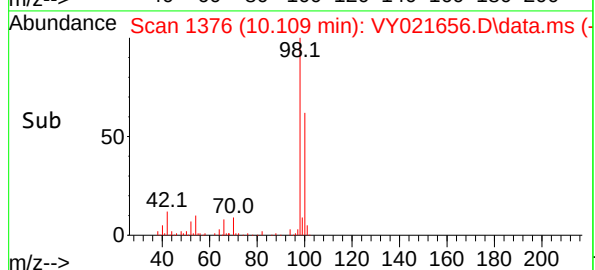
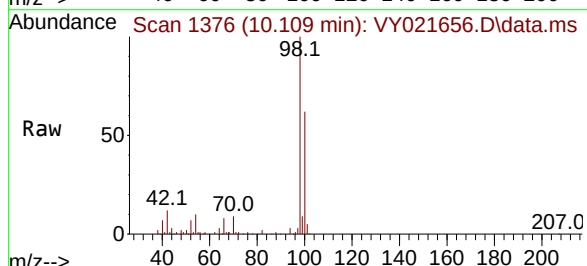
RT: 10.109 min Scan# 1376

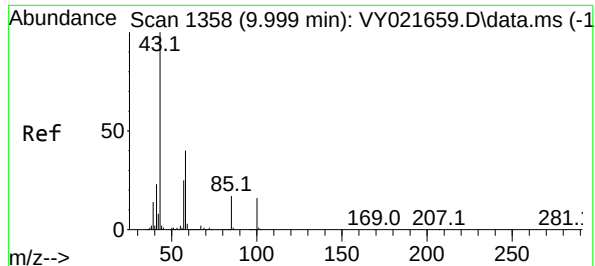
Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Tgt Ion:	98	Resp:	44774
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.1	78.1





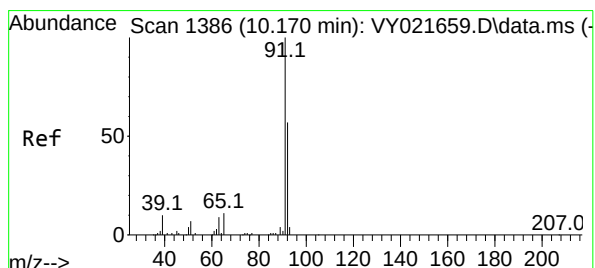
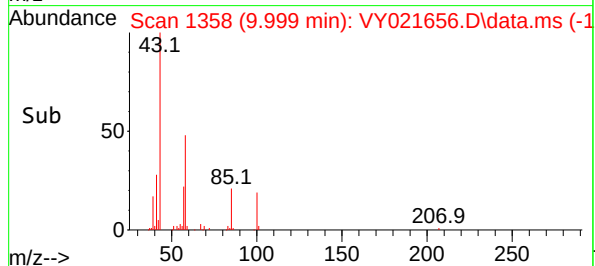
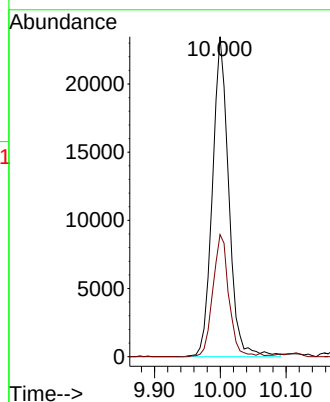
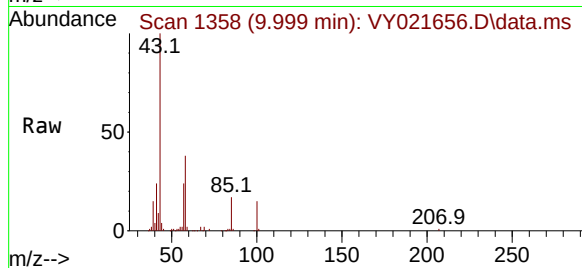
#51
4-Methyl-2-Pentanone
Concen: 25.191 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4060
Ion Ratio Lower Upper
43 100
58 37.6 31.5 47.3

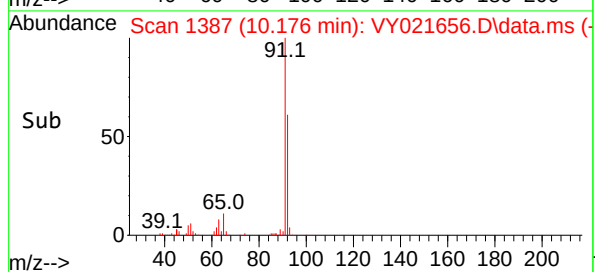
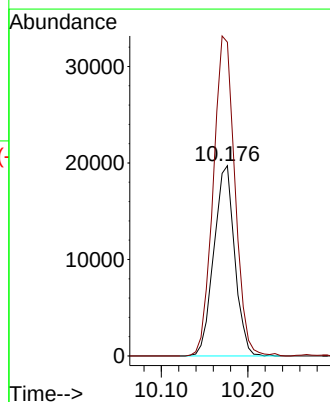
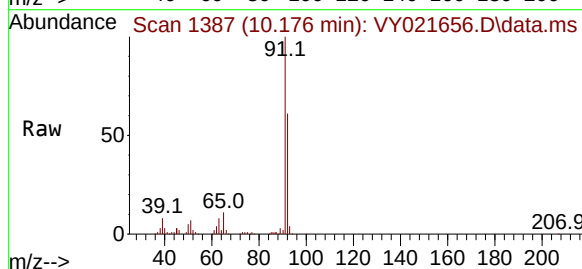
Manual Integrations
APPROVED

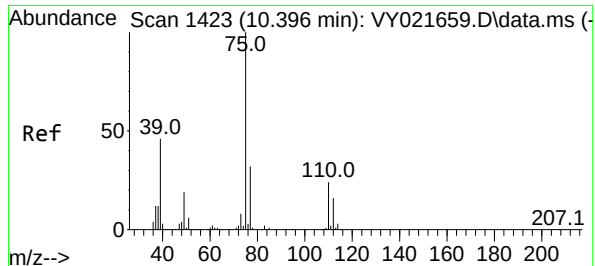
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 5.093 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

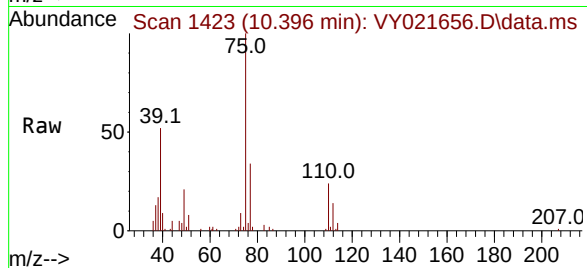
Tgt Ion: 92 Resp: 32954
Ion Ratio Lower Upper
92 100
91 175.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 4.909 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

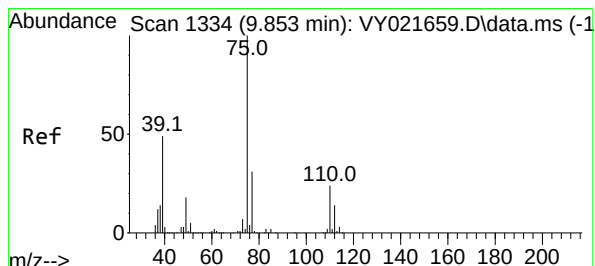
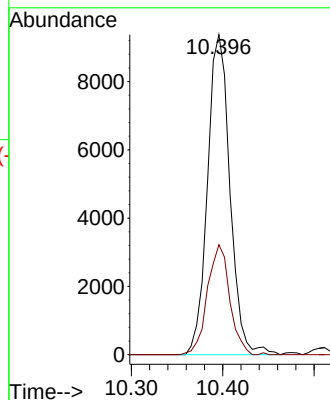
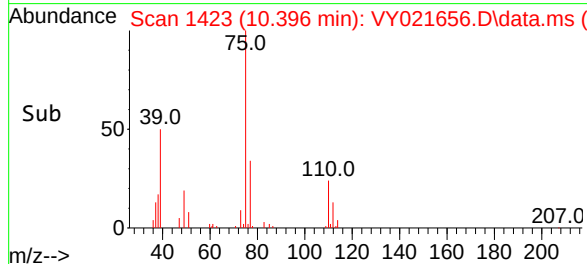
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1598
Ion Ratio Lower Upper
75 100
77 34.4 25.3 37.9

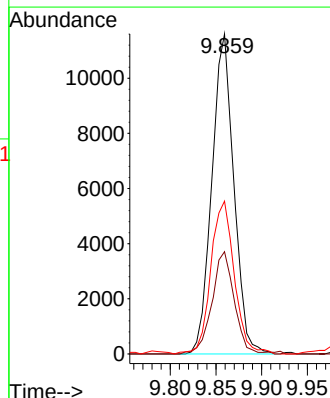
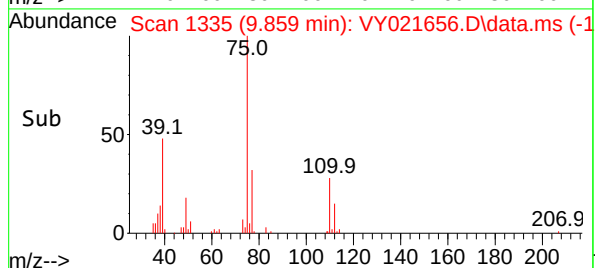
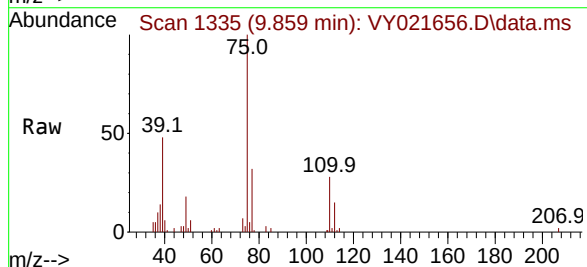
Manual Integrations
APPROVED

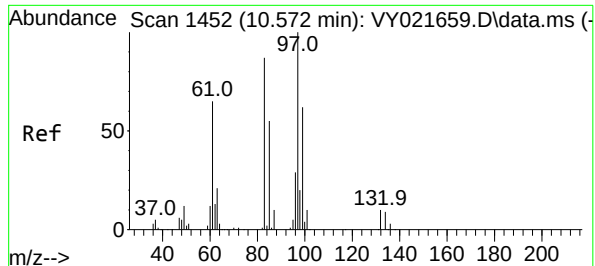
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#54
cis-1,3-Dichloropropene
Concen: 5.049 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

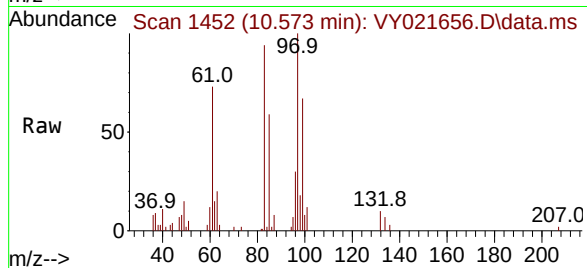
Tgt Ion: 75 Resp: 19395
Ion Ratio Lower Upper
75 100
77 32.0 24.9 37.3
39 47.7 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 5.384 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

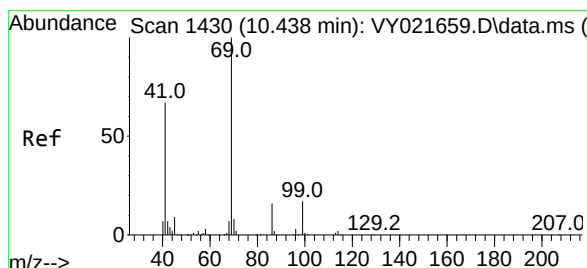
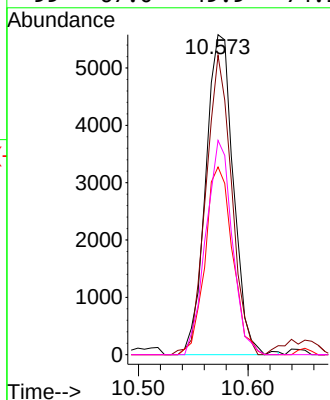
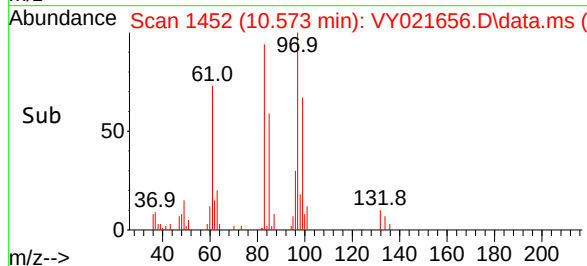
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.2	69.5	104.3
85	58.7	43.9	65.9
99	67.0	49.9	74.9

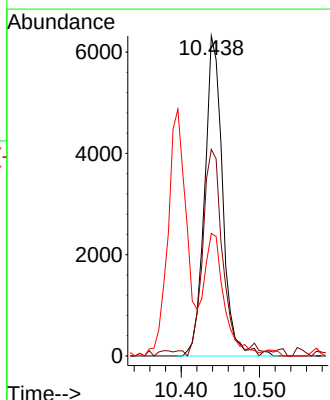
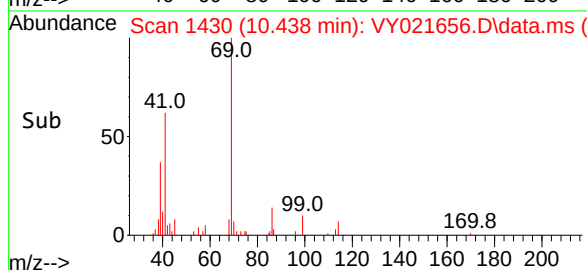
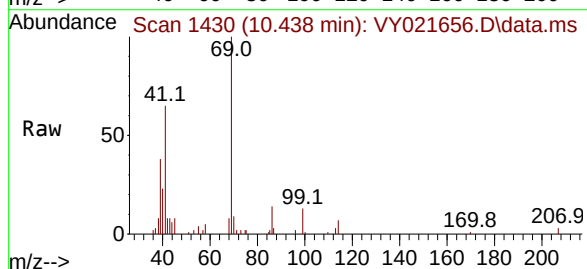
Manual Integrations
APPROVED

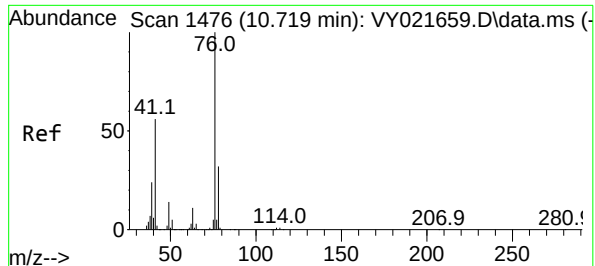
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#56
Ethyl methacrylate
Concen: 4.327 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

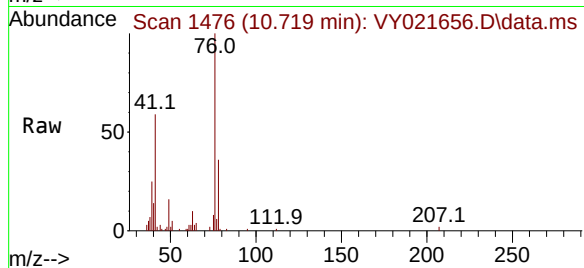
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.3	53.8	80.6
39	42.5	29.6	44.4





#57
1,3-Dichloropropane
Concen: 5.258 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

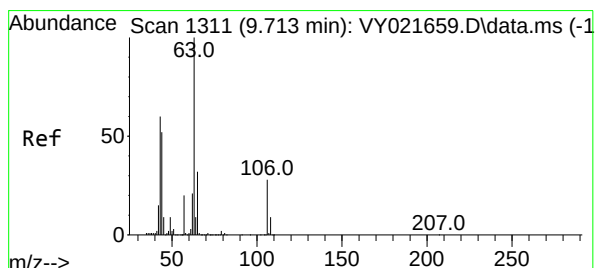
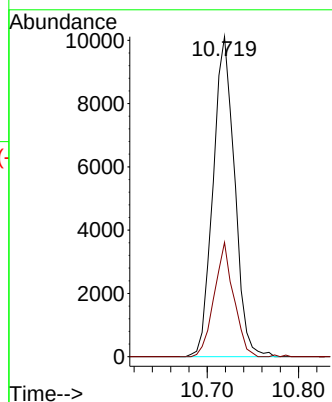
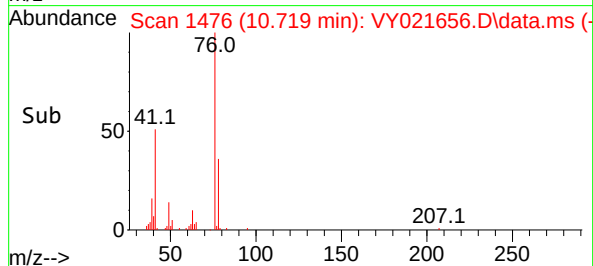
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 16534
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

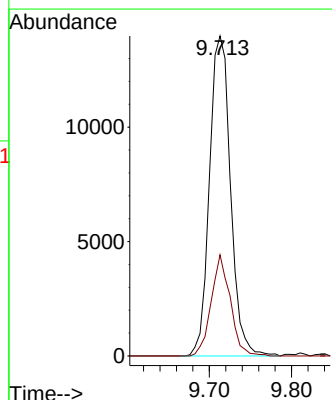
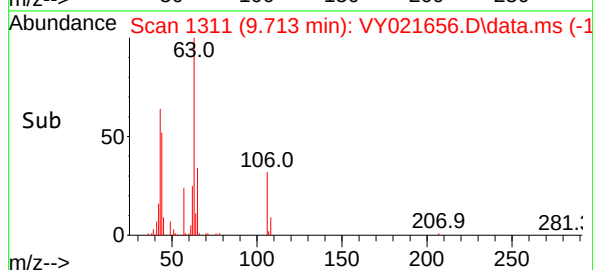
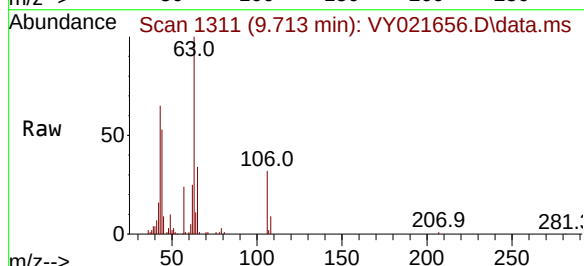
Manual Integrations
APPROVED

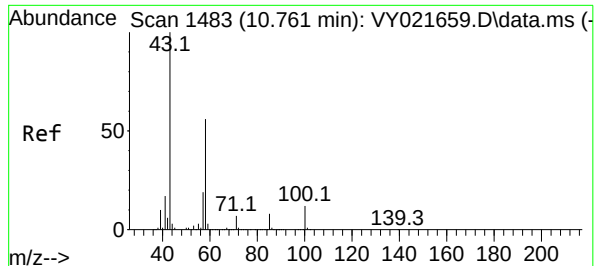
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 21.959 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 63 Resp: 24903
Ion Ratio Lower Upper
63 100
106 28.8 22.4 33.6





#59

2-Hexanone

Concen: 25.145 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 2699

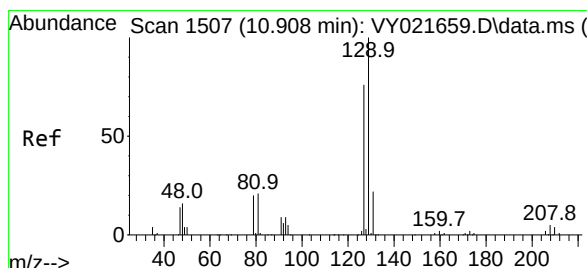
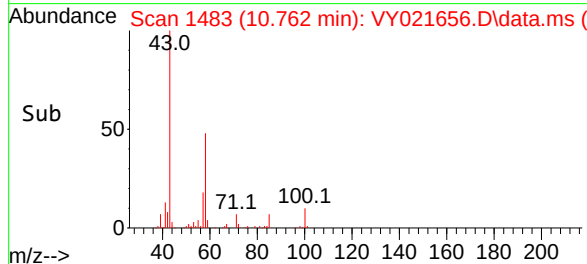
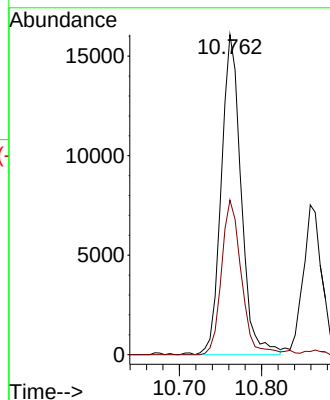
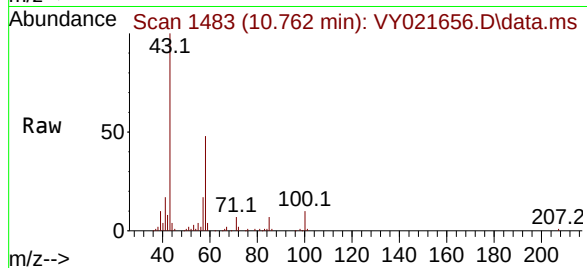
Ion Ratio Lower Upper

43 100

58 48.9 27.2 81.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#60

Dibromochloromethane

Concen: 5.231 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY021656.D

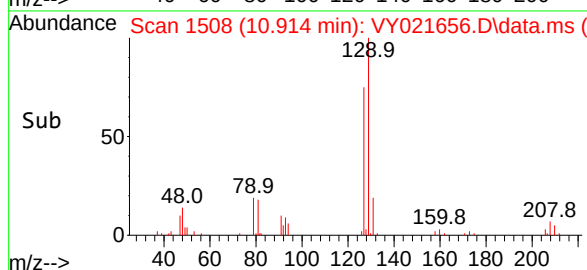
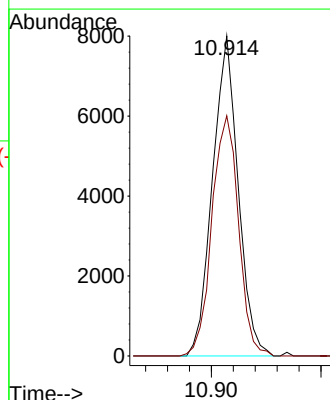
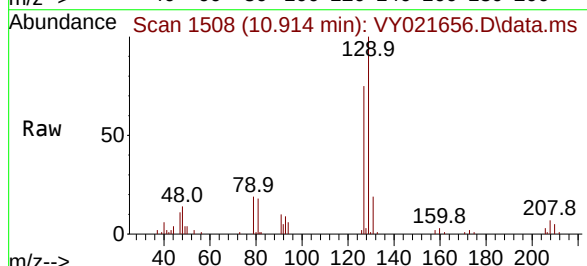
Acq: 27 Mar 2025 10:08

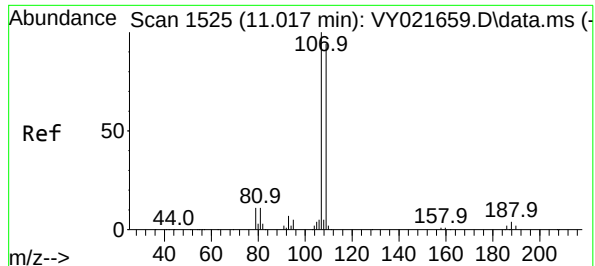
Tgt Ion:129 Resp: 13002

Ion Ratio Lower Upper

129 100

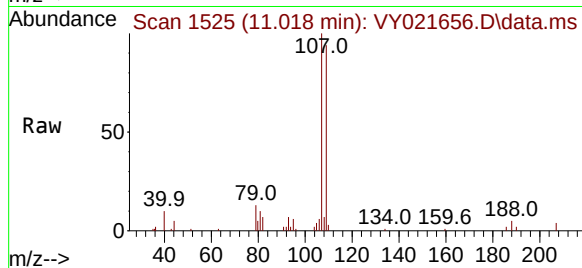
127 77.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 5.472 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

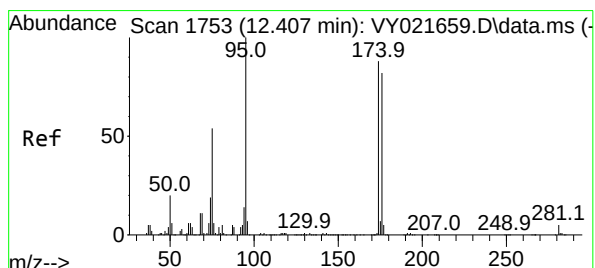
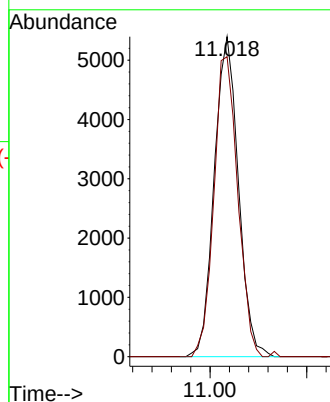
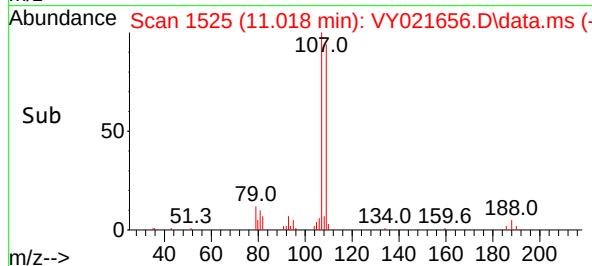
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 107 Resp: 934
Ion Ratio Lower Upper
107 100
109 92.9 74.4 111.6

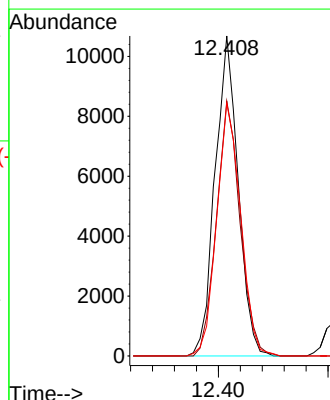
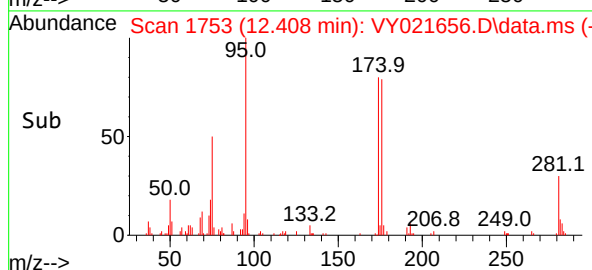
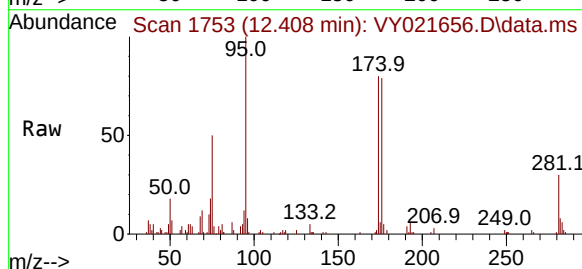
Manual Integrations
APPROVED

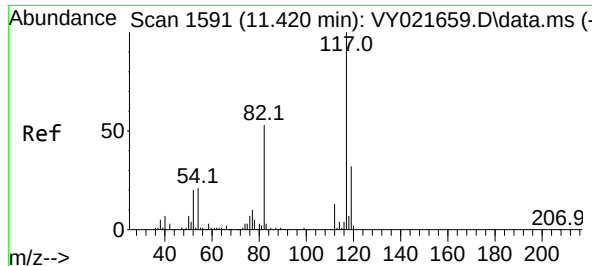
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 5.352 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

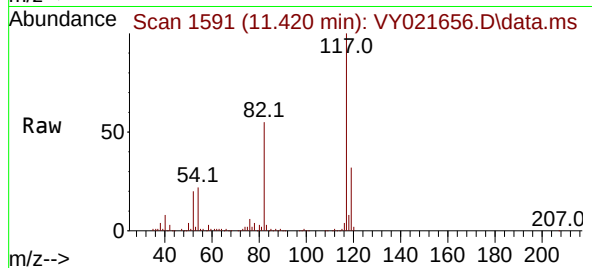
Tgt Ion: 95 Resp: 15657
Ion Ratio Lower Upper
95 100
174 81.4 0.0 170.8
176 81.7 0.0 162.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

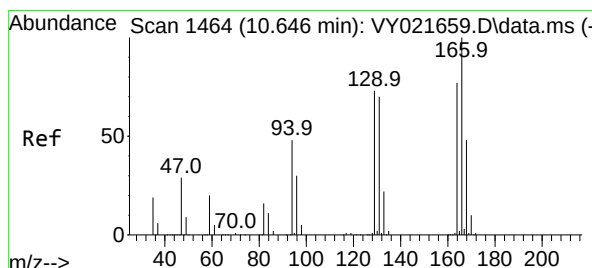
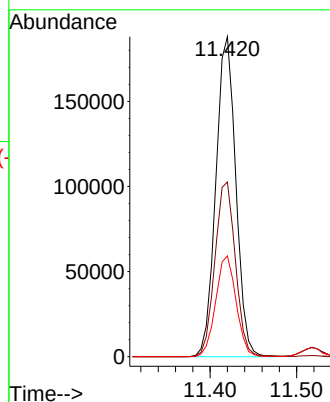
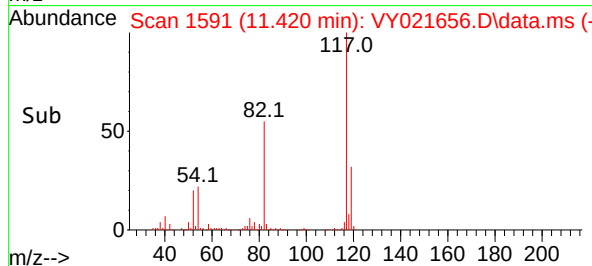
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 30138
Ion Ratio Lower Upper
117 100
82 54.6 42.8 64.2
119 31.5 25.7 38.5

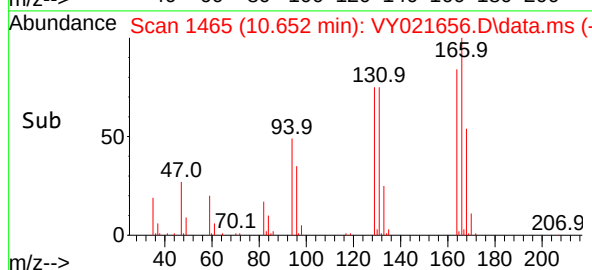
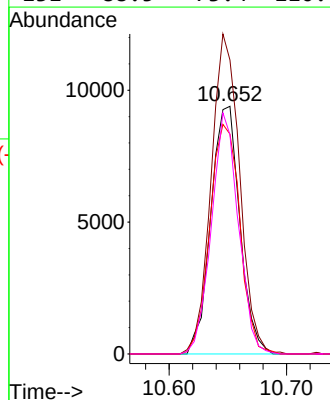
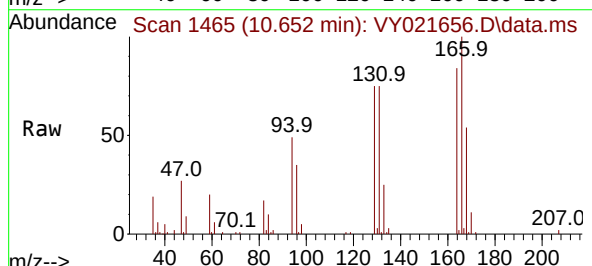
Manual Integrations
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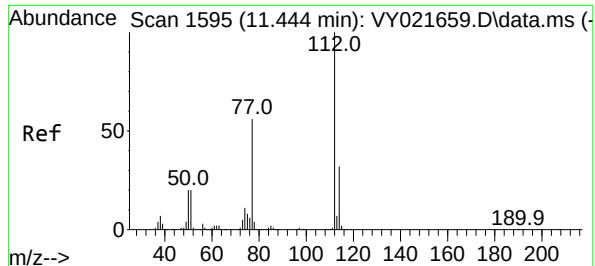
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#64
Tetrachloroethene
Concen: 5.860 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion:164 Resp: 16085
Ion Ratio Lower Upper
164 100
166 118.7 104.6 156.8
129 88.8 76.6 114.8
131 88.5 73.4 110.0





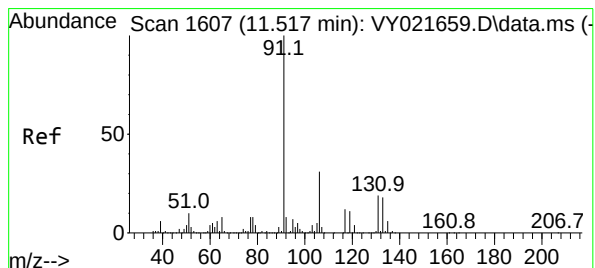
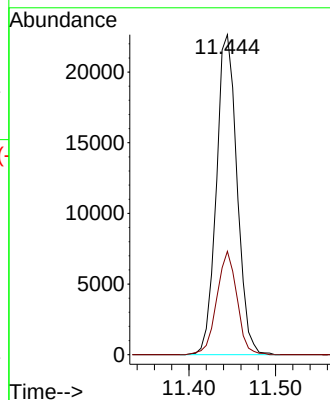
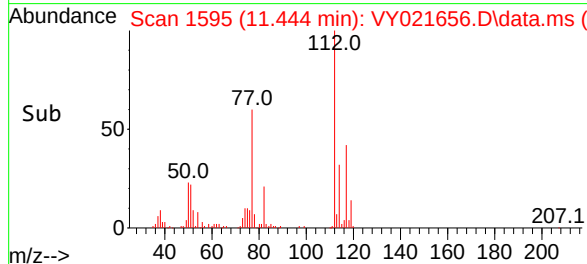
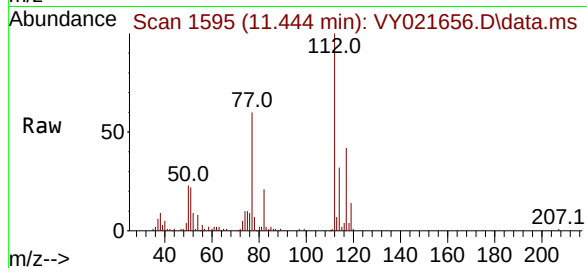
#65
Chlorobenzene
Concen: 5.429 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 3750
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9

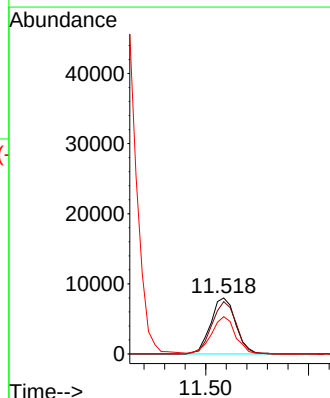
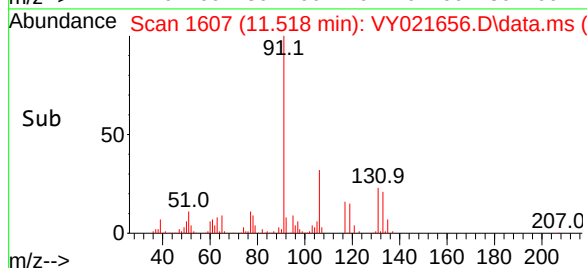
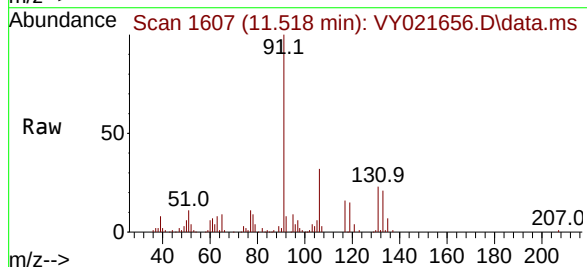
Manual Integrations
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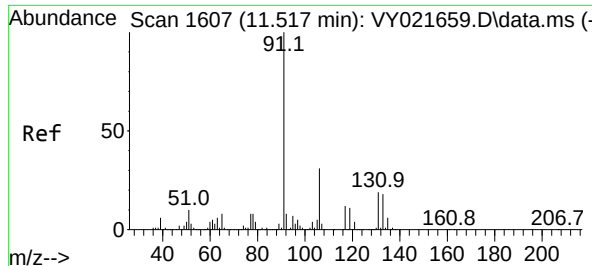
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.506 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion:131 Resp: 13496
Ion Ratio Lower Upper
131 100
133 91.0 47.3 141.8
119 64.0 31.6 95.0





#67

Ethyl Benzene

Concen: 4.959 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 58750

Ion Ratio Lower Upper

91 100

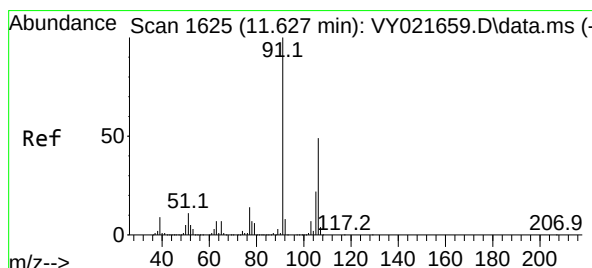
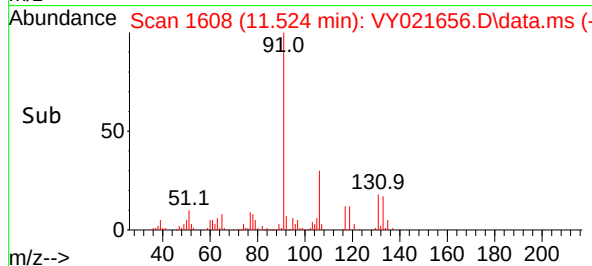
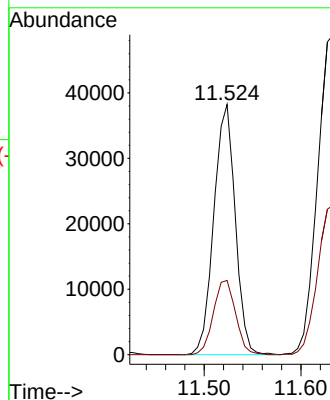
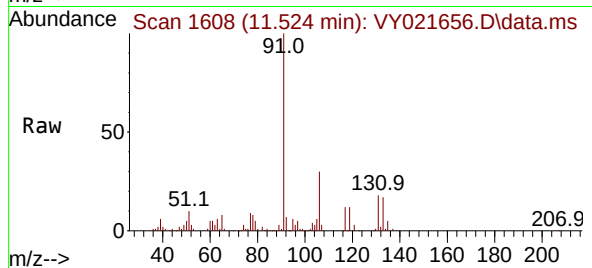
106 29.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#68

m/p-Xylenes

Concen: 9.652 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021656.D

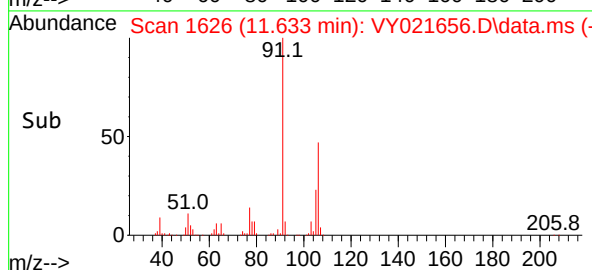
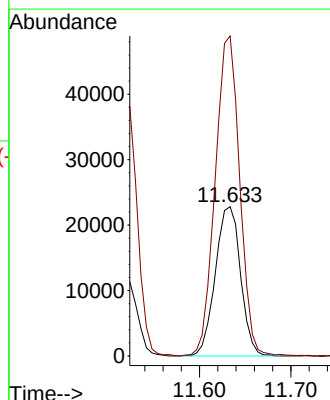
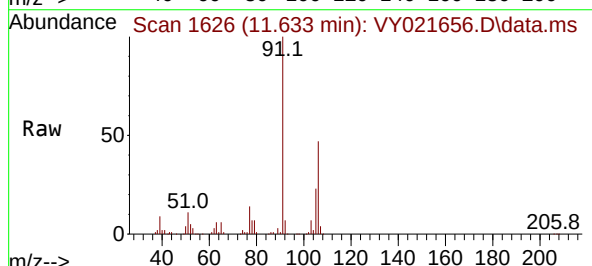
Acq: 27 Mar 2025 10:08

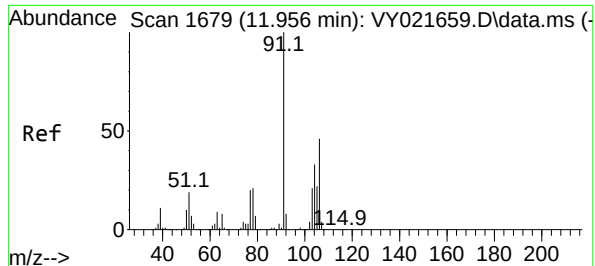
Tgt Ion:106 Resp: 43785

Ion Ratio Lower Upper

106 100

91 208.3 162.4 243.6





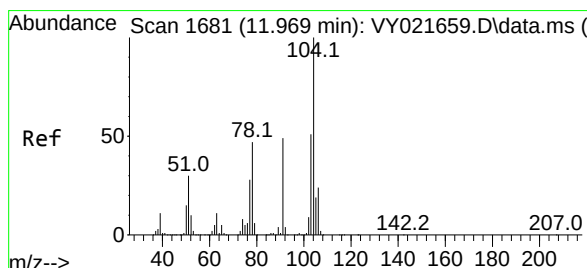
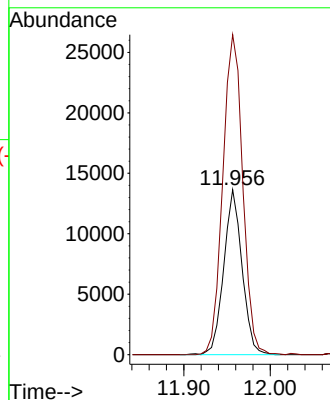
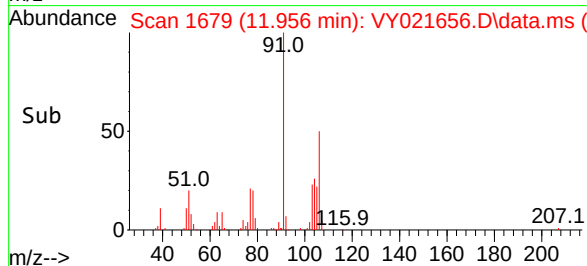
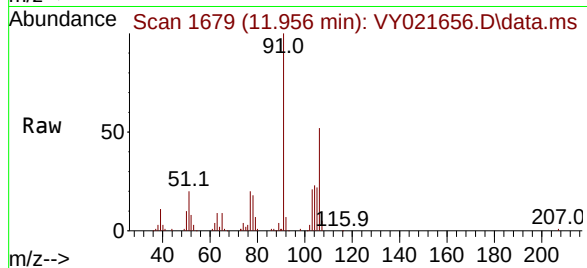
#69
o-Xylene
Concen: 4.786 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2004
Ion Ratio Lower Upper
106 100
91 210.7 106.7 319.9

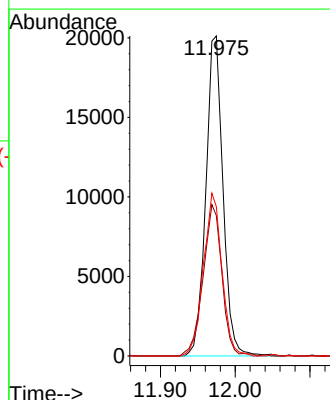
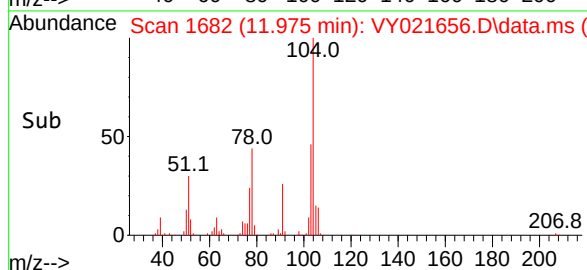
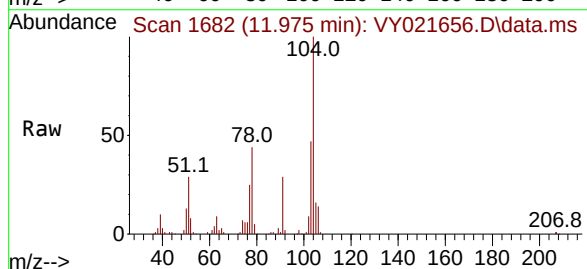
Manual Integrations
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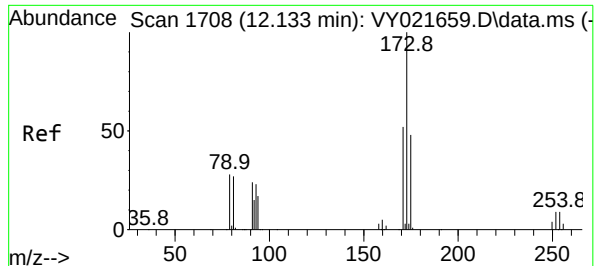
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 4.594 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

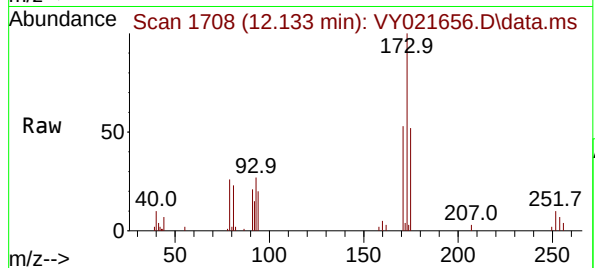
Tgt Ion:104 Resp: 32075
Ion Ratio Lower Upper
104 100
78 52.0 40.8 61.2
103 54.8 44.2 66.2





#71
Bromoform
Concen: 5.187 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

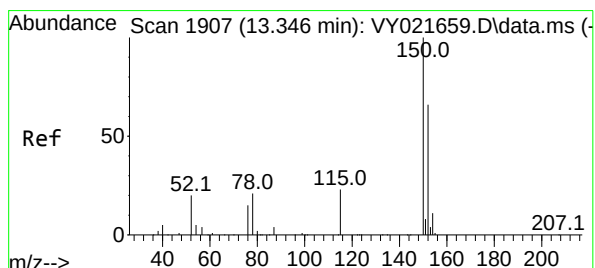
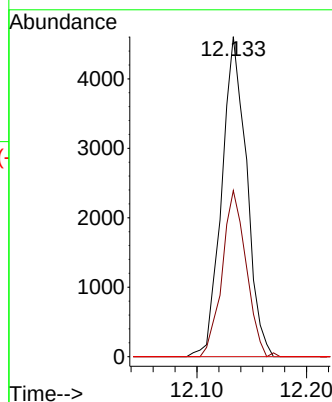
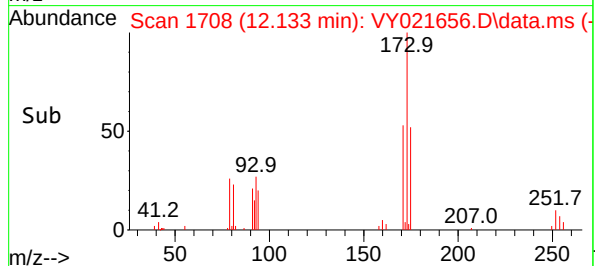
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



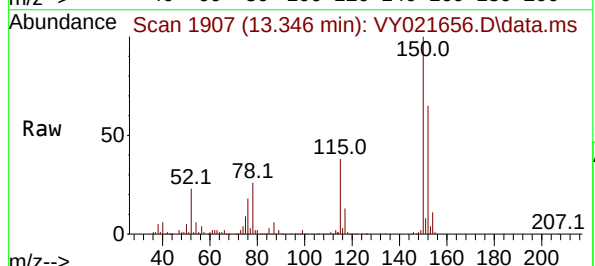
Tgt Ion:173 Resp: 725
Ion Ratio Lower Upper
173 100
175 50.0 24.3 73.0
254 0.0 0.1 0.1

Manual Integrations
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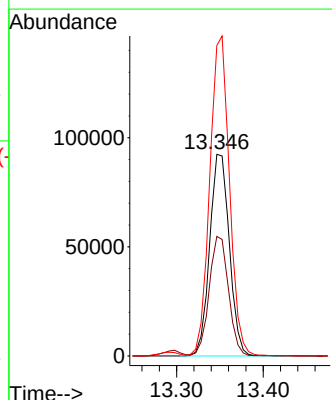
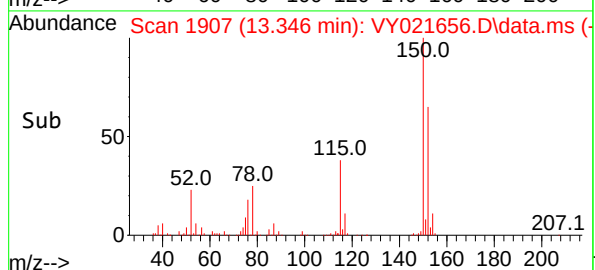
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

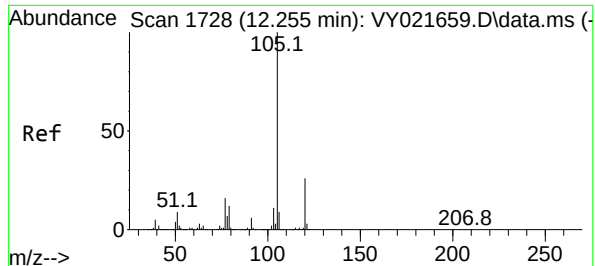


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08



Tgt Ion:152 Resp: 145682
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 158.9 0.0 348.4





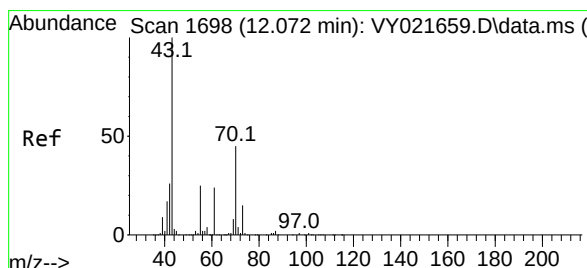
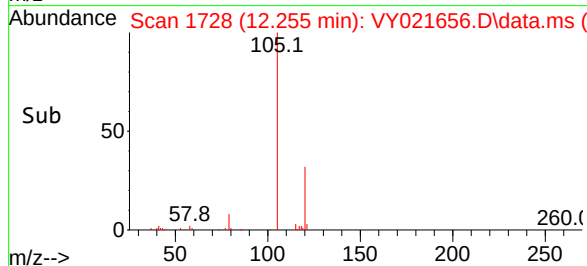
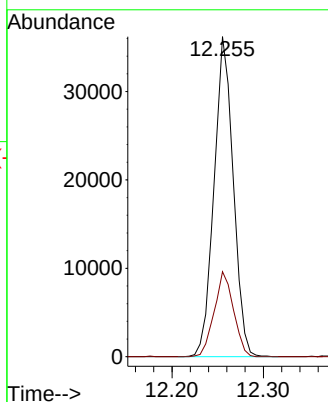
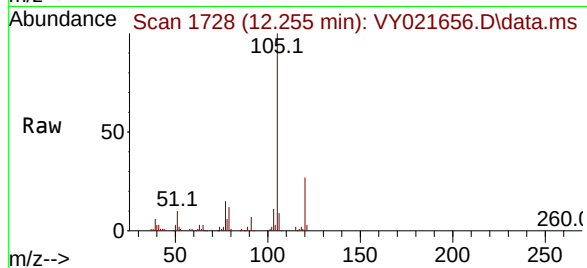
#73
Isopropylbenzene
Concen: 4.885 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 52860
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5

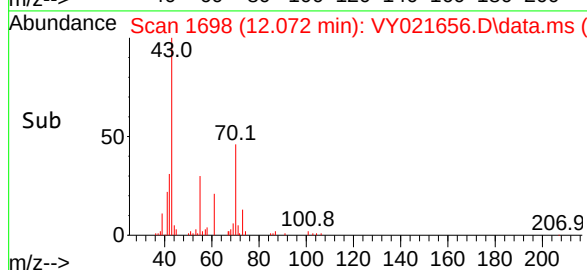
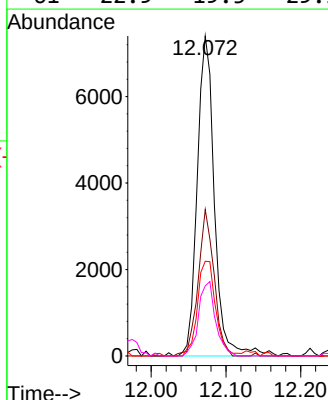
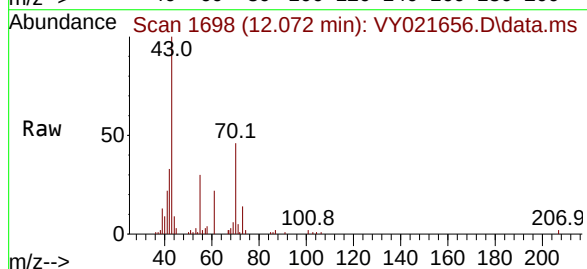
Manual Integrations
APPROVED

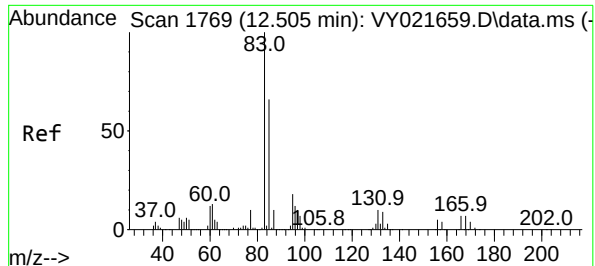
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#74
N-ethyl acetate
Concen: 4.660 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 43 Resp: 11835
Ion Ratio Lower Upper
43 100
70 42.3 34.7 52.1
55 31.4 21.2 31.8
61 22.9 19.5 29.3





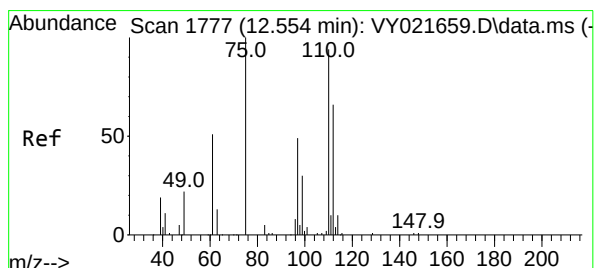
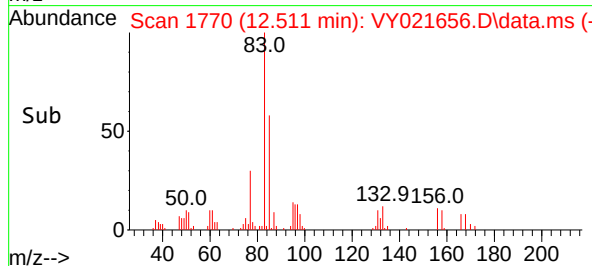
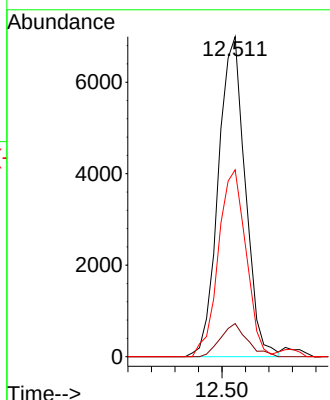
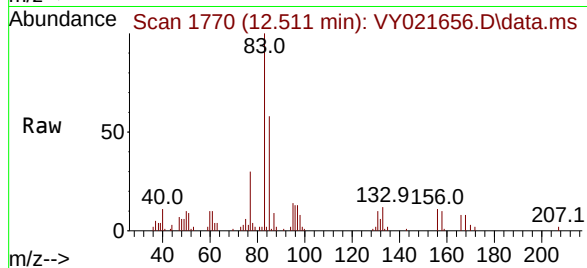
#75
1,1,2,2-Tetrachloroethane
Concen: 5.723 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1113
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 60.1 32.3 96.8

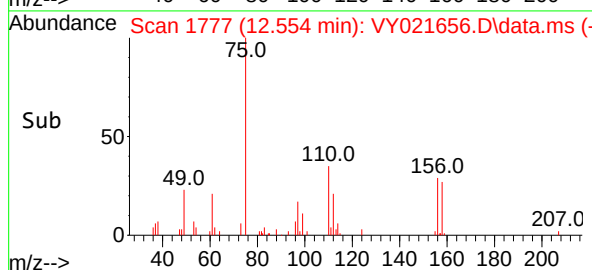
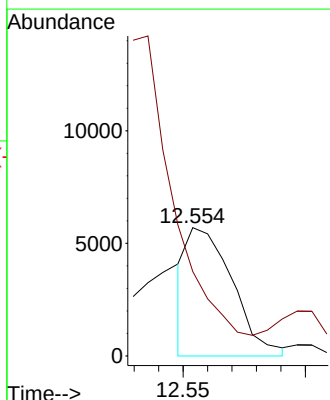
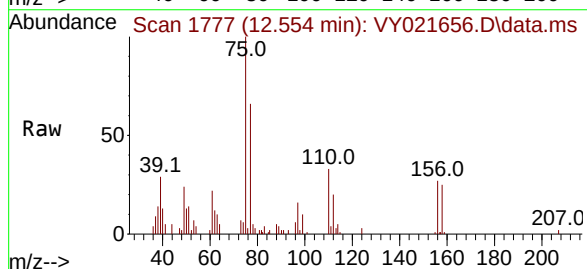
Manual Integrations
APPROVED

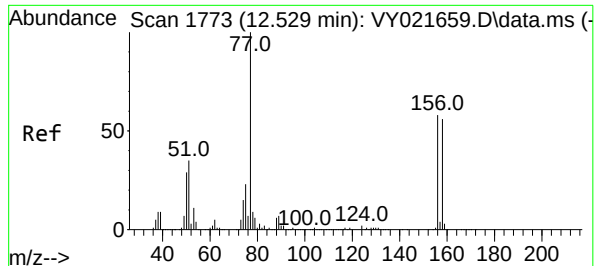
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#76
1,2,3-Trichloropropane
Concen: 5.106 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

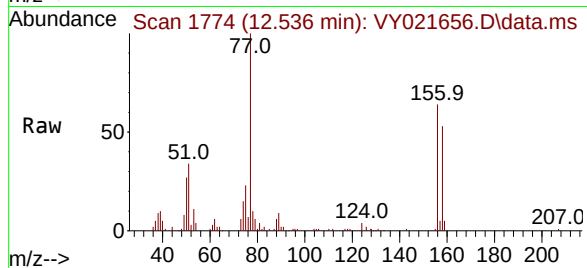
Tgt Ion: 75 Resp: 7373
Ion Ratio Lower Upper
75 100
77 351.5 0.0 0.0#





#77
Bromobenzene
Concen: 5.305 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

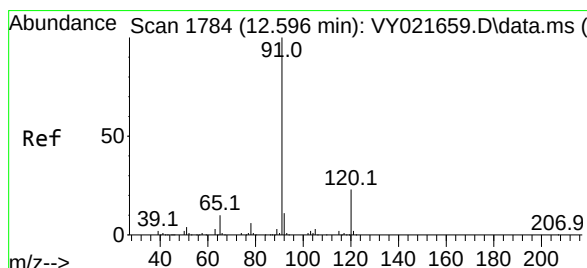
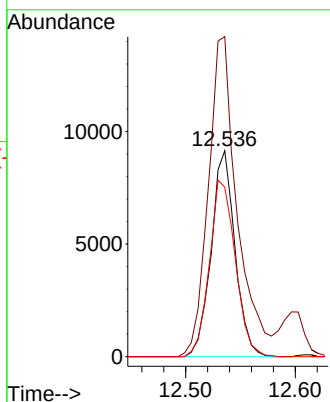
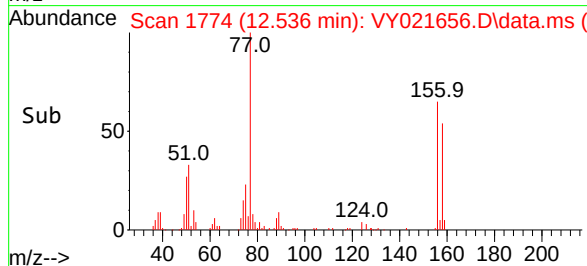
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:156 Resp: 1378
Ion Ratio Lower Upper
156 100
77 188.0 92.8 278.3
158 93.2 48.5 145.6

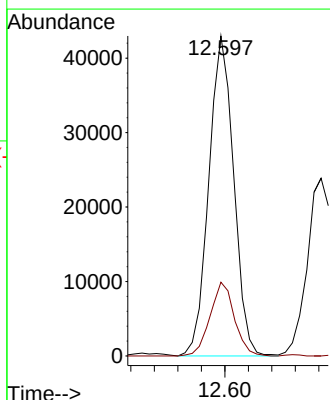
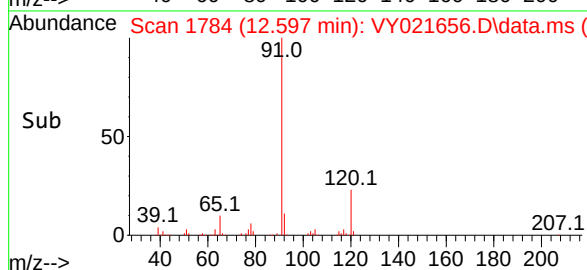
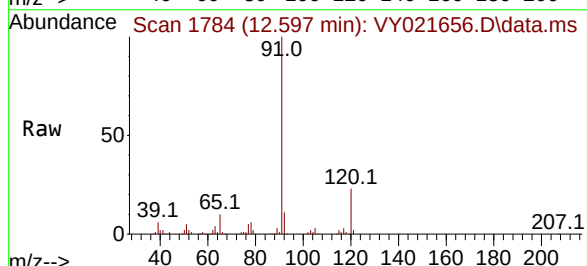
Manual Integrations
APPROVED

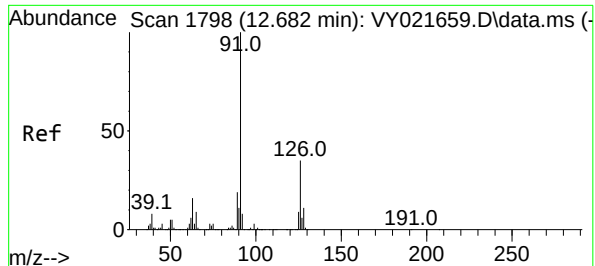
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#78
n-propylbenzene
Concen: 4.868 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 91 Resp: 63324
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9





#79

2-Chlorotoluene

Concen: 5.044 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 3810

Ion Ratio Lower Upper

91 100

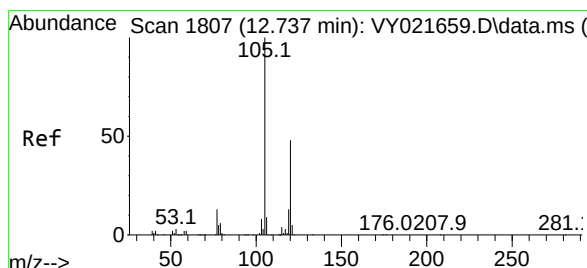
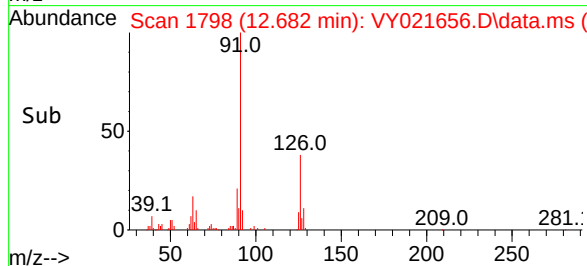
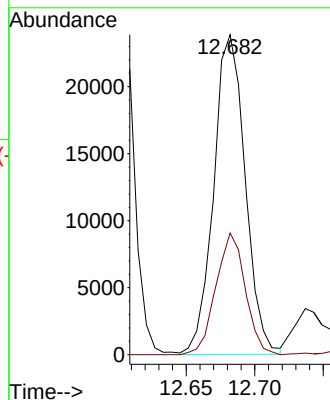
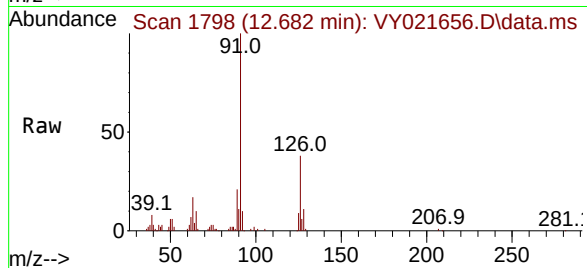
126 35.6 17.3 52.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 4.806 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021656.D

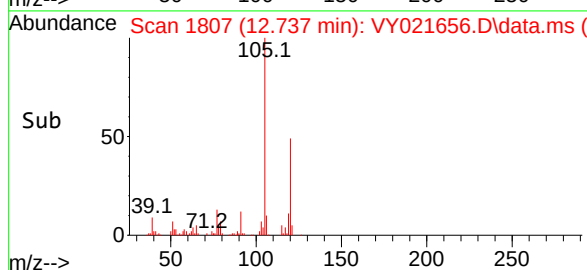
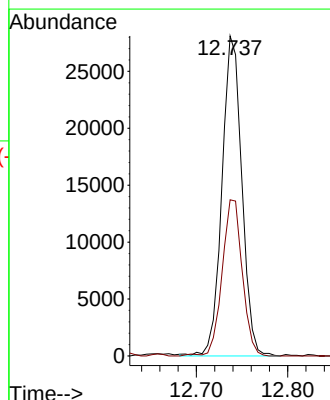
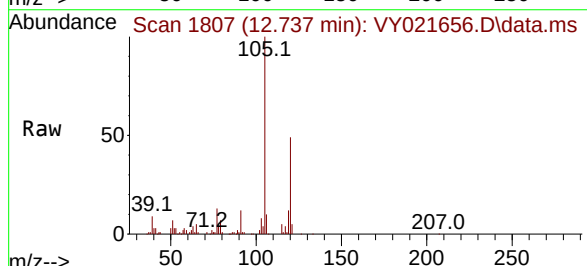
Acq: 27 Mar 2025 10:08

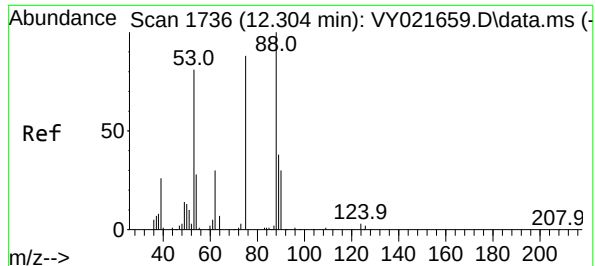
Tgt Ion:105 Resp: 42499

Ion Ratio Lower Upper

105 100

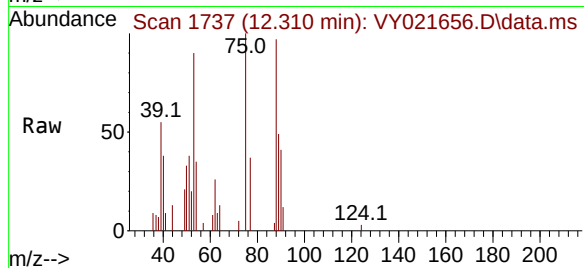
120 49.5 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 4.823 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

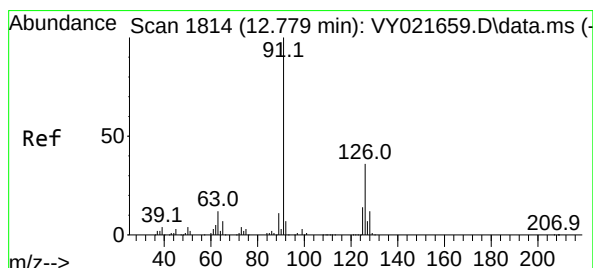
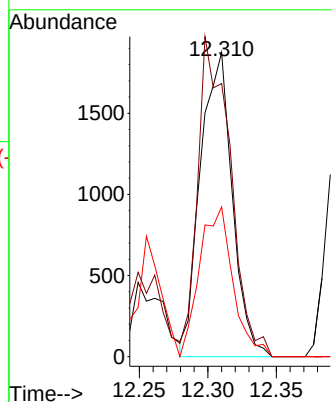
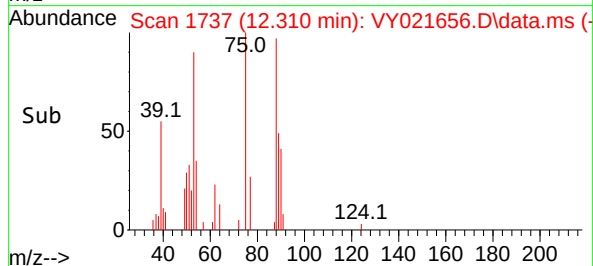
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 302
Ion Ratio Lower Upper
75 100
53 107.4 76.1 114.1
89 51.7 36.2 54.4

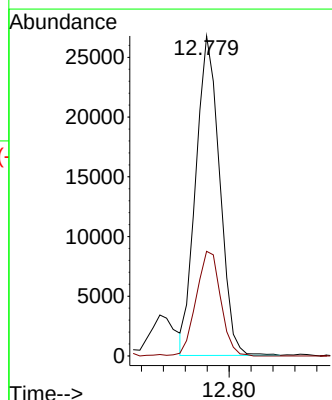
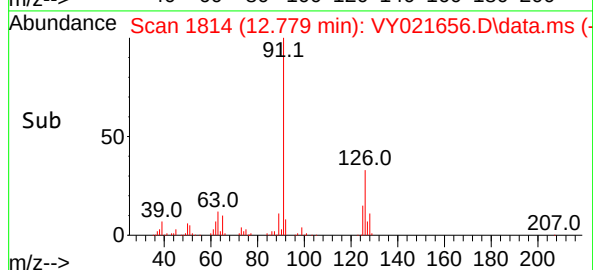
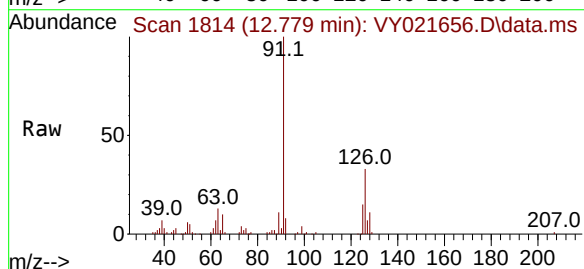
Manual Integrations
APPROVED

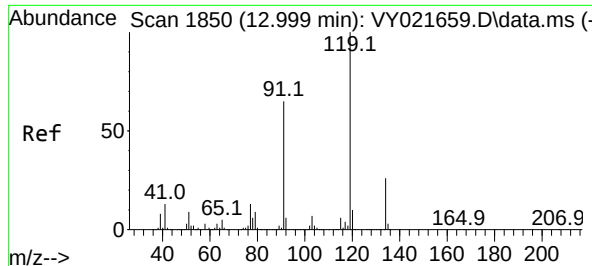
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#82
4-Chlorotoluene
Concen: 5.119 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 91 Resp: 40326
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9





#83

tert-Butylbenzene

Concen: 4.801 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

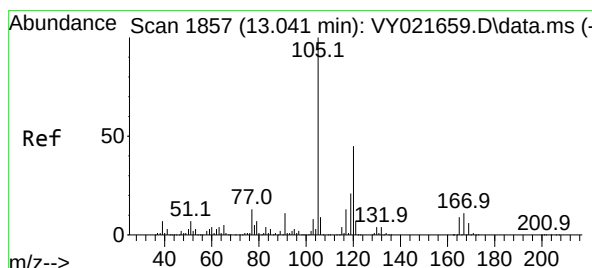
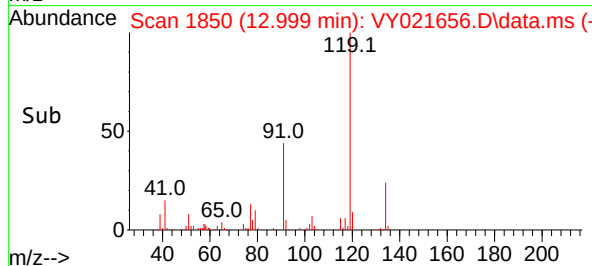
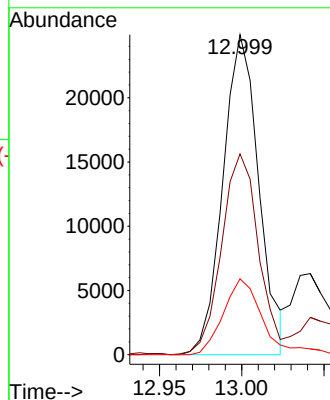
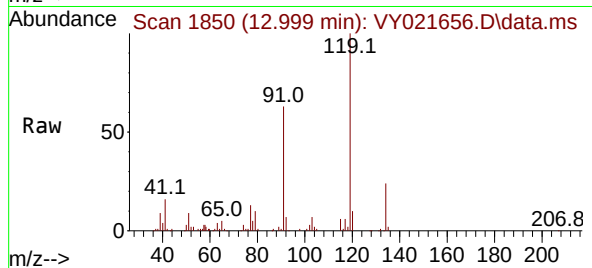
VSTDIC005

Tgt Ion:	119	Resp:	3781
Ion Ratio	Lower	Upper	
119	100		
91	65.7	32.6	97.7
134	26.1	13.2	39.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.639 ug/l

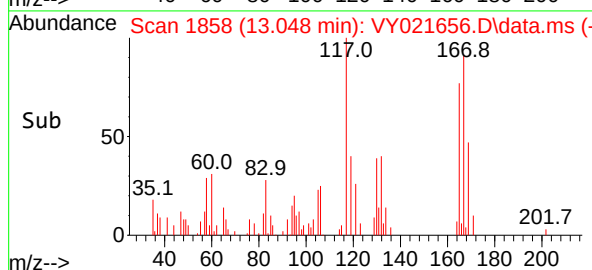
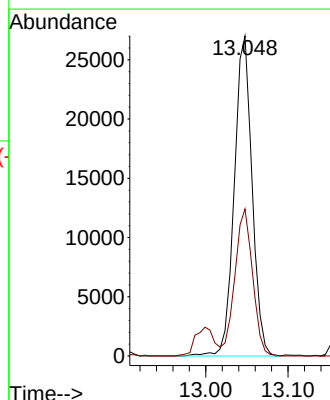
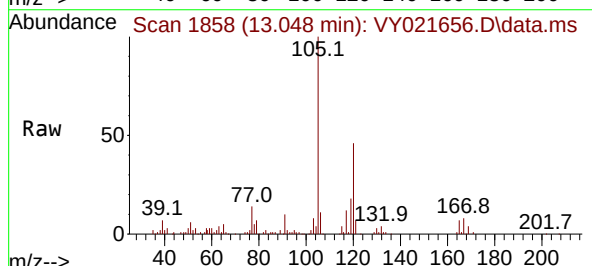
RT: 13.048 min Scan# 1858

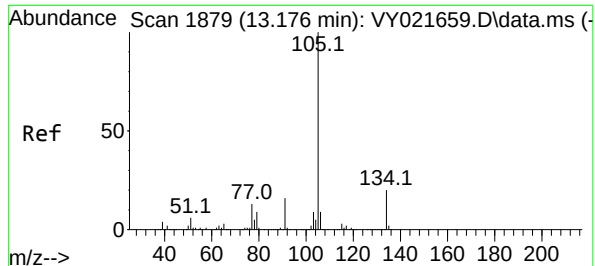
Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Tgt Ion:	105	Resp:	40547
Ion Ratio	Lower	Upper	
105	100		
120	46.0	22.7	68.1





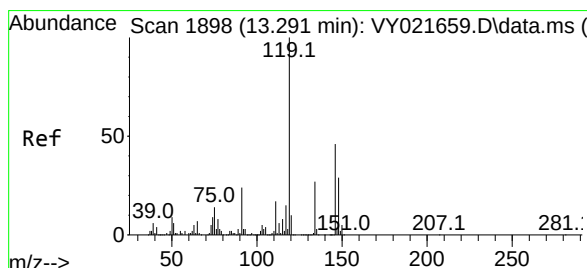
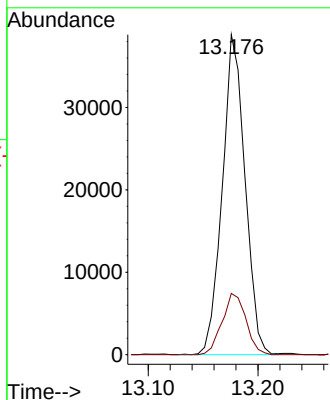
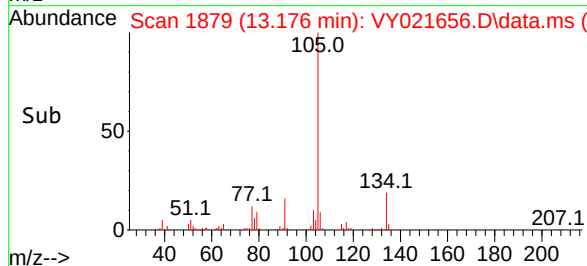
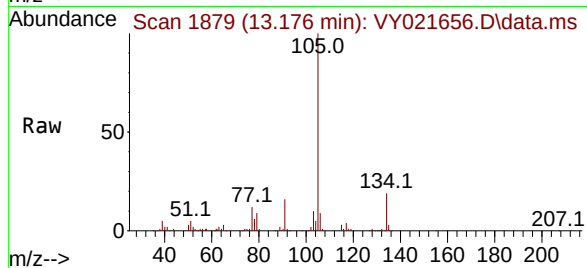
#85
 sec-Butylbenzene
 Concen: 4.858 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021656.D
 Acq: 27 Mar 2025 10:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 55918
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

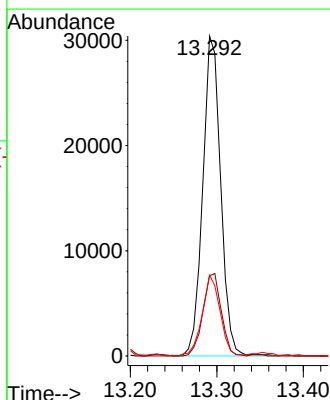
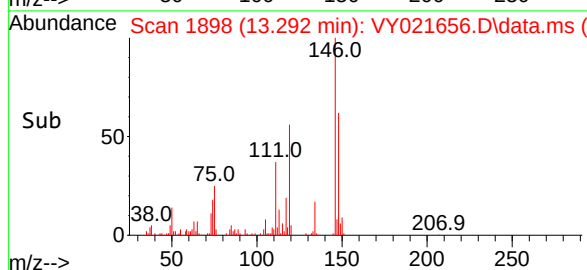
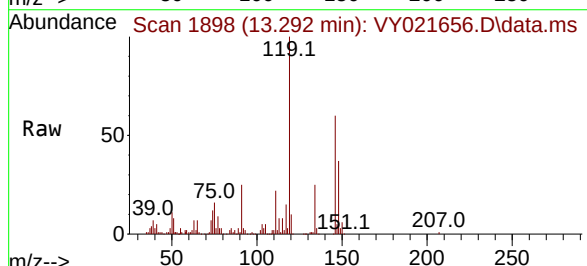
Manual Integrations
 APPROVED

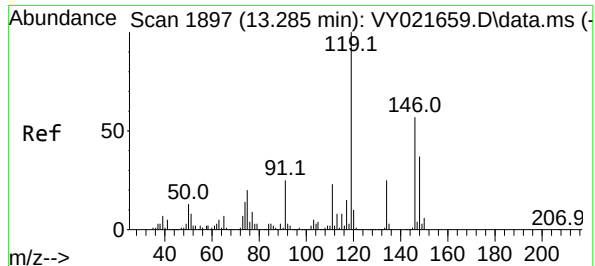
Reviewed By :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#86
 p-Isopropyltoluene
 Concen: 4.595 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021656.D
 Acq: 27 Mar 2025 10:08

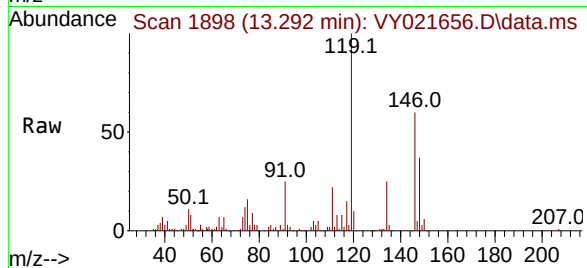
Tgt Ion:119 Resp: 43714
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 25.2 12.0 36.0





#87
1,3-Dichlorobenzene
Concen: 5.393 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

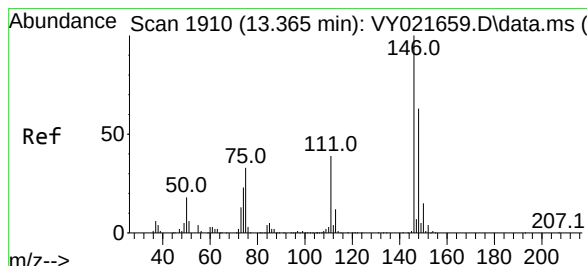
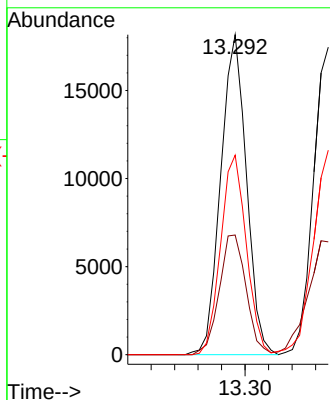
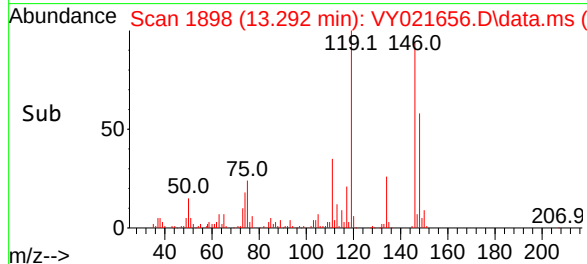
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



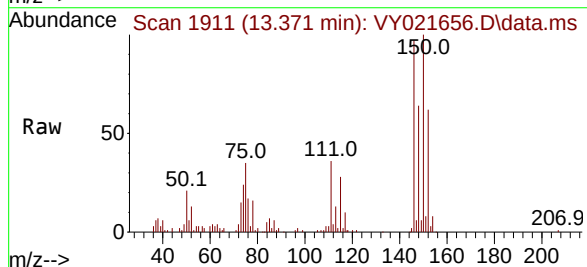
Tgt Ion:146 Resp: 27604
Ion Ratio Lower Upper
146 100
111 39.1 20.0 60.0
148 62.4 31.8 95.4

Manual Integrations
APPROVED

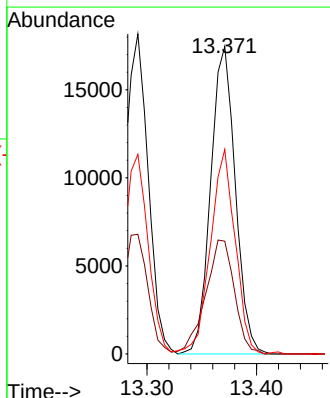
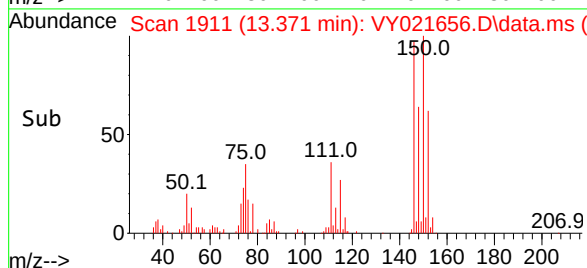
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

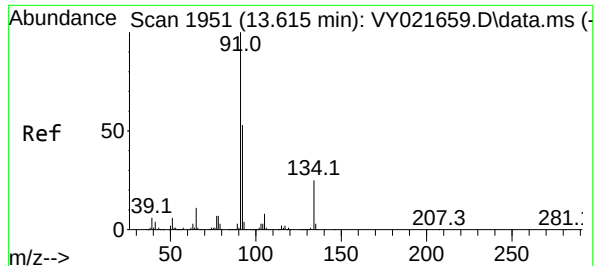


#88
1,4-Dichlorobenzene
Concen: 5.405 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08



Tgt Ion:146 Resp: 27332
Ion Ratio Lower Upper
146 100
111 43.4 19.1 57.1
148 66.9 31.5 94.5





#89

n-Butylbenzene

Concen: 4.785 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 4210

Ion Ratio Lower Upper

91 100

92 50.2 26.4 79.2

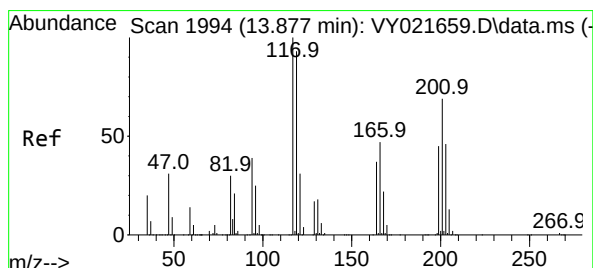
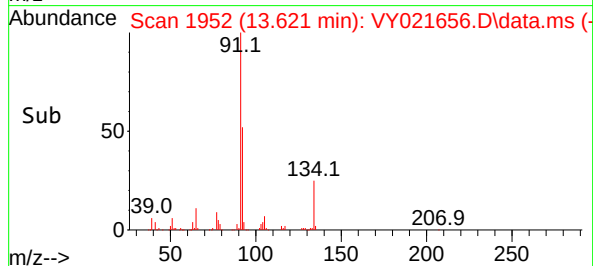
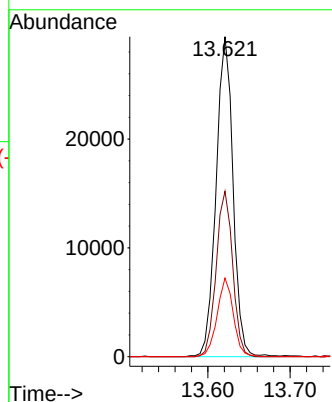
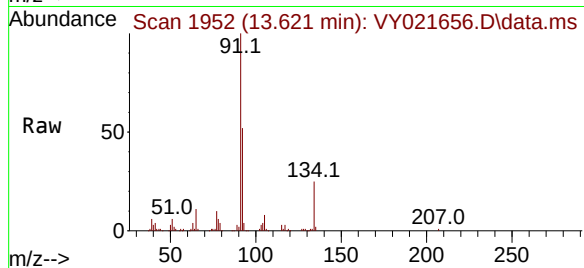
134 23.5 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#90

Hexachloroethane

Concen: 5.573 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021656.D

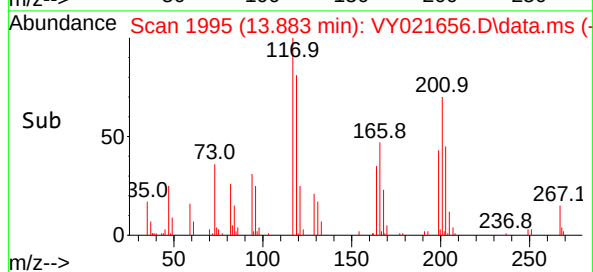
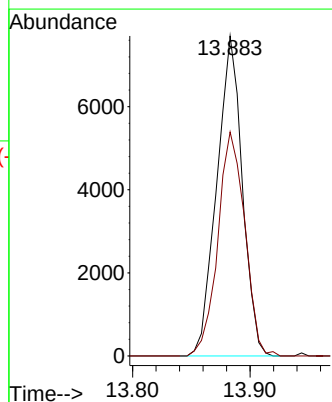
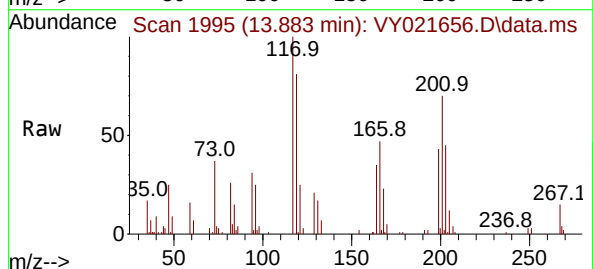
Acq: 27 Mar 2025 10:08

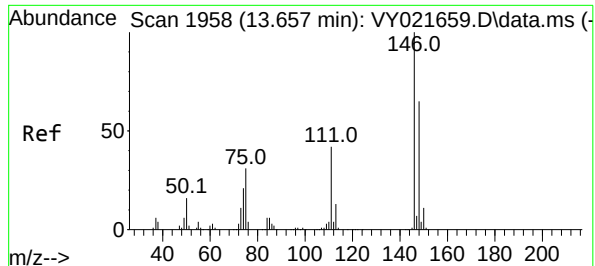
Tgt Ion:117 Resp: 11619

Ion Ratio Lower Upper

117 100

201 73.9 37.4 112.1





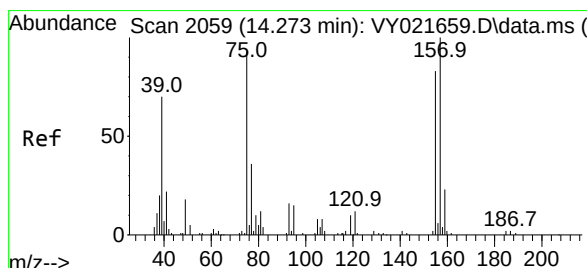
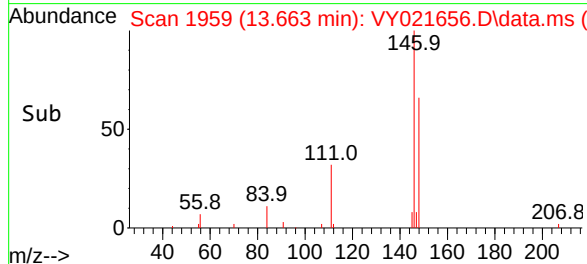
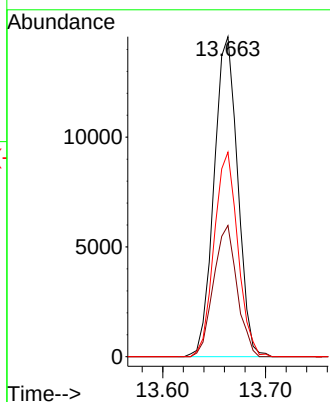
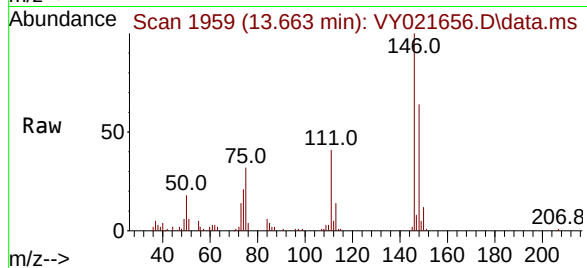
#91
1,2-Dichlorobenzene
Concen: 5.224 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 2327
Ion Ratio Lower Upper
146 100
111 40.8 20.7 62.1
148 64.1 32.3 96.9

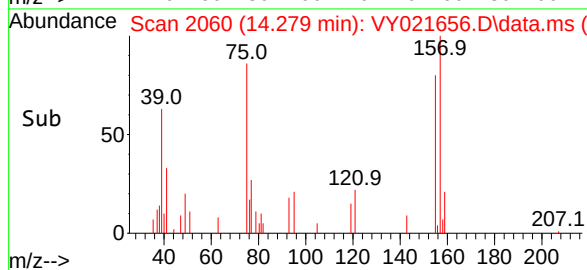
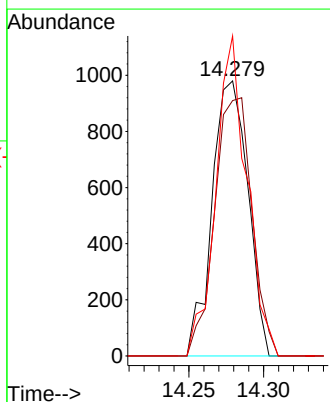
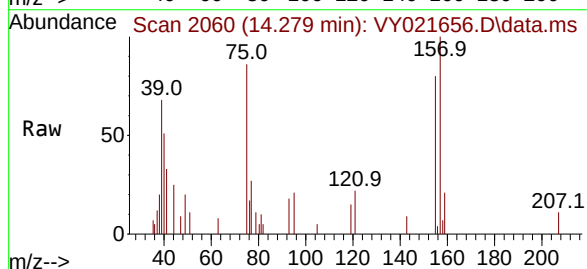
Manual Integrations
APPROVED

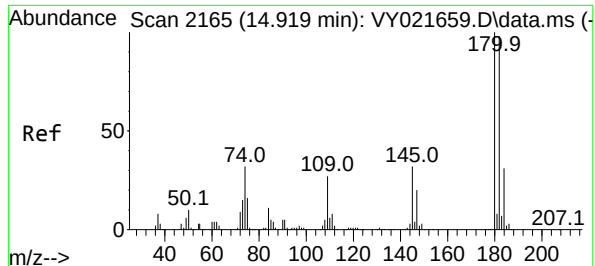
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.419 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021656.D
Acq: 27 Mar 2025 10:08

Tgt Ion: 75 Resp: 1634
Ion Ratio Lower Upper
75 100
155 97.6 43.0 128.8
157 100.8 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 4.647 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

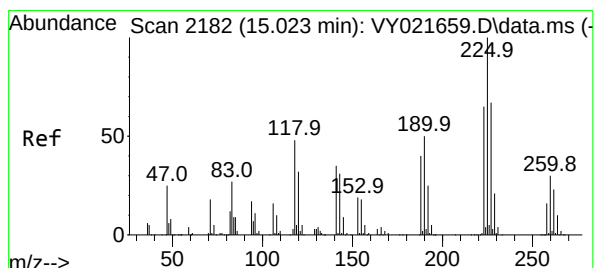
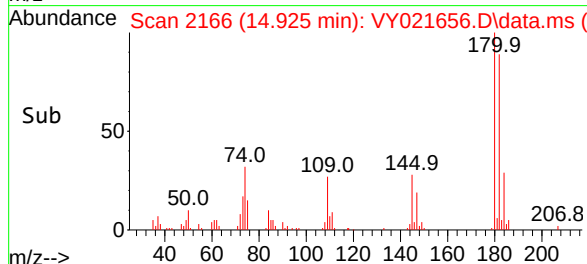
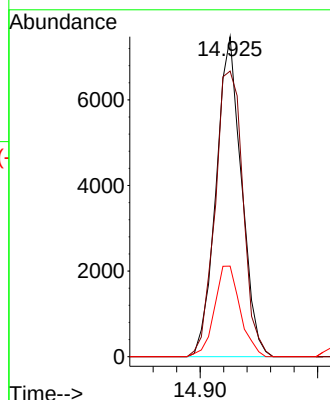
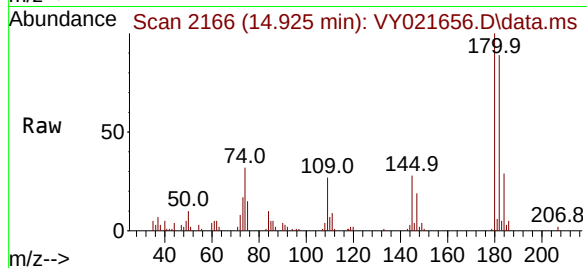
VSTDIC005

Tgt Ion:	180	Resp:	11228
Ion Ratio	Lower	Upper	
180	100		
182	98.1	47.5	142.6
145	28.5	14.9	44.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#94

Hexachlorobutadiene

Concen: 5.484 ug/l

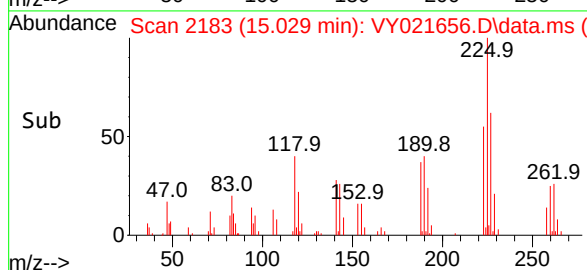
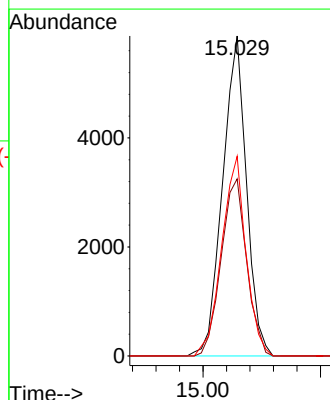
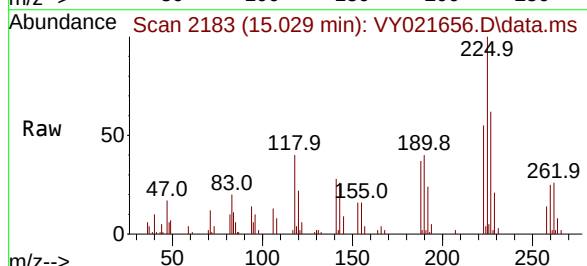
RT: 15.029 min Scan# 2183

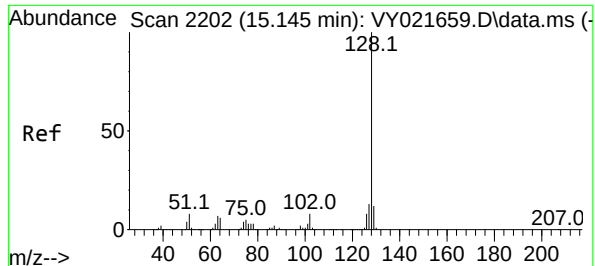
Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Tgt Ion:	225	Resp:	8276
Ion Ratio	Lower	Upper	
225	100		
223	59.2	31.9	95.7
227	63.5	32.4	97.0





#95

Naphthalene

Concen: 4.194 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

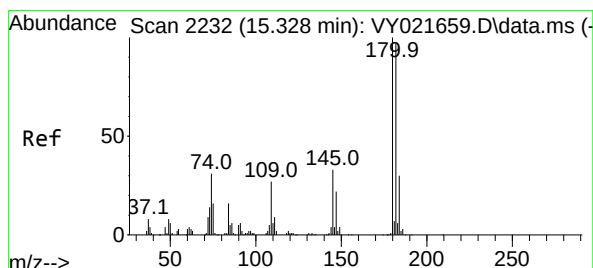
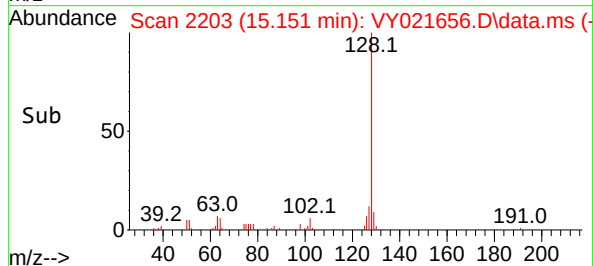
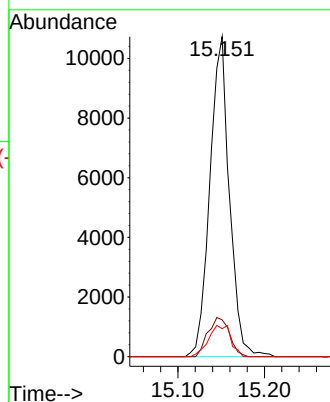
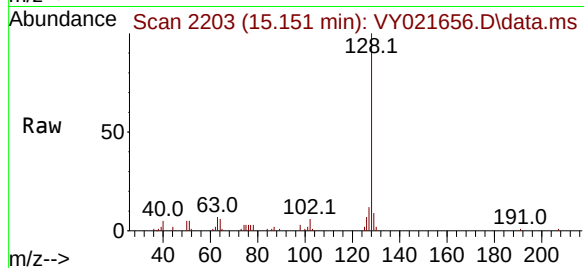
VSTDIC005

Tgt Ion:	128	Resp:	16790
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.8	16.2
129	11.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 4.619 ug/l

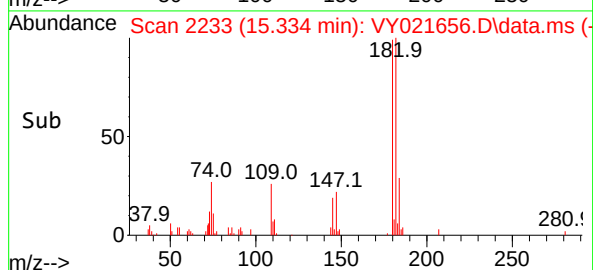
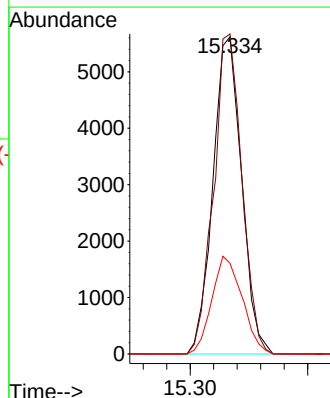
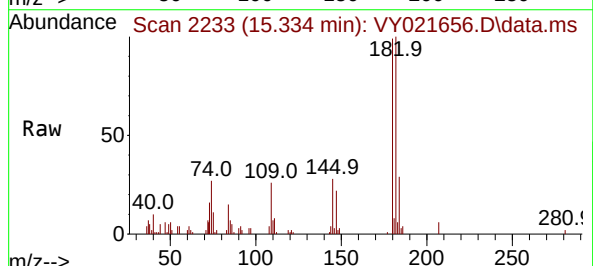
RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021656.D

Acq: 27 Mar 2025 10:08

Tgt Ion:	180	Resp:	9518
Ion Ratio	Lower	Upper	
180	100		
182	99.4	47.5	142.5
145	32.5	15.9	47.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021657.D
 Acq On : 27 Mar 2025 10:31
 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 :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:14:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	225523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	354785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	311737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	152005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	25195	10.311	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.620%#		
35) Dibromofluoromethane	7.634	113	22797	9.906	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.820%#		
50) Toluene-d8	10.103	98	88000	10.051	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.100%#		
62) 4-Bromofluorobenzene	12.408	95	29125	9.835	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.660%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	26017	11.130	ug/l	99
3) Chloromethane	2.068	50	34949	10.633	ug/l	99
4) Vinyl Chloride	2.202	62	39982	10.756	ug/l	96
5) Bromomethane	2.592	94	27670	10.914	ug/l	97
6) Chloroethane	2.733	64	25703	10.567	ug/l	98
7) Trichlorofluoromethane	3.056	101	50711	10.650	ug/l	100
8) Diethyl Ether	3.452	74	13940	10.765	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	27088	10.786	ug/l	98
10) Methyl Iodide	4.001	142	26193	9.507	ug/l	99
11) Tert butyl alcohol	4.860	59	8671	54.634	ug/l #	87
12) 1,1-Dichloroethene	3.793	96	25446	10.757	ug/l	88
13) Acrolein	3.653	56	15799	54.518	ug/l	100
14) Allyl chloride	4.379	41	39045	10.352	ug/l	97
15) Acrylonitrile	5.055	53	28866	53.389	ug/l	98
16) Acetone	3.867	43	27669	55.329	ug/l	99
17) Carbon Disulfide	4.104	76	82458	10.583	ug/l #	94
18) Methyl Acetate	4.385	43	12911	10.417	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	60205	10.223	ug/l	98
20) Methylene Chloride	4.616	84	31313	9.677	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	27407	10.523	ug/l	96
22) Diisopropyl ether	6.012	45	79874	10.095	ug/l	93
23) Vinyl Acetate	5.958	43	233596	50.469	ug/l	98
24) 1,1-Dichloroethane	5.915	63	49217	10.403	ug/l	98
25) 2-Butanone	6.890	43	37356	52.299	ug/l	97
26) 2,2-Dichloropropane	6.884	77	43412	10.316	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	29699	10.140	ug/l	100
28) Bromochloromethane	7.244	49	21186	10.618	ug/l	99
29) Tetrahydrofuran	7.262	42	25111	54.625	ug/l	97
30) Chloroform	7.421	83	51464	10.459	ug/l	98
31) Cyclohexane	7.701	56	46569	10.798	ug/l #	90
32) 1,1,1-Trichloroethane	7.616	97	45673	10.270	ug/l	98
36) 1,1-Dichloropropene	7.835	75	36121	10.304	ug/l	99
37) Ethyl Acetate	6.988	43	18146	10.969	ug/l	98
38) Carbon Tetrachloride	7.817	117	42141	10.496	ug/l	98
39) Methylcyclohexane	9.103	83	42492	10.147	ug/l	98
40) Benzene	8.079	78	108360	10.322	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021657.D
 Acq On : 27 Mar 2025 10:31
 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 :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:14:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	9343m	10.635	ug/l	
42) 1,2-Dichloroethane	8.158	62	31606	10.679	ug/l	100
43) Isopropyl Acetate	8.195	43	33664	10.738	ug/l #	87
44) Trichloroethene	8.866	130	28275	10.571	ug/l	95
45) 1,2-Dichloropropane	9.140	63	25943	10.440	ug/l	99
46) Dibromomethane	9.231	93	15605	10.896	ug/l	94
47) Bromodichloromethane	9.427	83	38737	10.439	ug/l	99
48) Methyl methacrylate	9.219	41	14576	10.130	ug/l	98
49) 1,4-Dioxane	9.231	88	3077	200.565	ug/l	89
51) 4-Methyl-2-Pentanone	10.000	43	85020	52.111	ug/l	98
52) Toluene	10.170	92	66889	10.212	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	33356	10.120	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	39609	10.186	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	20050	10.879	ug/l	95
56) Ethyl methacrylate	10.439	69	21901	9.307	ug/l	96
57) 1,3-Dichloropropane	10.713	76	33316	10.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	54271	47.274	ug/l	98
59) 2-Hexanone	10.762	43	54649	50.295	ug/l	100
60) Dibromochloromethane	10.914	129	26032	10.346	ug/l	94
61) 1,2-Dibromoethane	11.018	107	17722	10.251	ug/l	97
64) Tetrachloroethene	10.646	164	31334	11.036	ug/l	93
65) Chlorobenzene	11.444	112	73433	10.276	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	25506	10.060	ug/l	97
67) Ethyl Benzene	11.518	91	119480	9.750	ug/l	98
68) m/p-Xylenes	11.627	106	93887	20.009	ug/l	99
69) o-Xylene	11.957	106	41768	9.643	ug/l	98
70) Styrene	11.969	104	69196	9.581	ug/l	99
71) Bromoform	12.127	173	14887	10.294	ug/l #	98
73) Isopropylbenzene	12.255	105	112512	9.966	ug/l	100
74) N-amyl acetate	12.072	43	26259	9.910	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	21883	10.781	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	17026m	11.300	ug/l	
77) Bromobenzene	12.530	156	27648	10.199	ug/l	98
78) n-propylbenzene	12.597	91	135498	9.983	ug/l	99
79) 2-Chlorotoluene	12.682	91	80079	10.158	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	91235	9.888	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	6899	10.550	ug/l	99
82) 4-Chlorotoluene	12.780	91	83484	10.157	ug/l	100
83) tert-Butylbenzene	12.999	119	81296	9.892	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	90142	9.884	ug/l	100
85) sec-Butylbenzene	13.176	105	121575	10.122	ug/l	99
86) p-Isopropyltoluene	13.292	119	97092	9.781	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	53929	10.098	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	54536	10.336	ug/l	95
89) n-Butylbenzene	13.615	91	89162	9.712	ug/l	98
90) Hexachloroethane	13.877	117	21881	10.059	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	48845	10.506	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3387	10.766	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	23748	9.419	ug/l	99
94) Hexachlorobutadiene	15.023	225	15844	10.063	ug/l	99
95) Naphthalene	15.145	128	36711	8.785	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	20711	9.633	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021657.D
Acq On : 27 Mar 2025 10:31
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 :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:14:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:08:57 2025
Response via : Initial Calibration

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

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

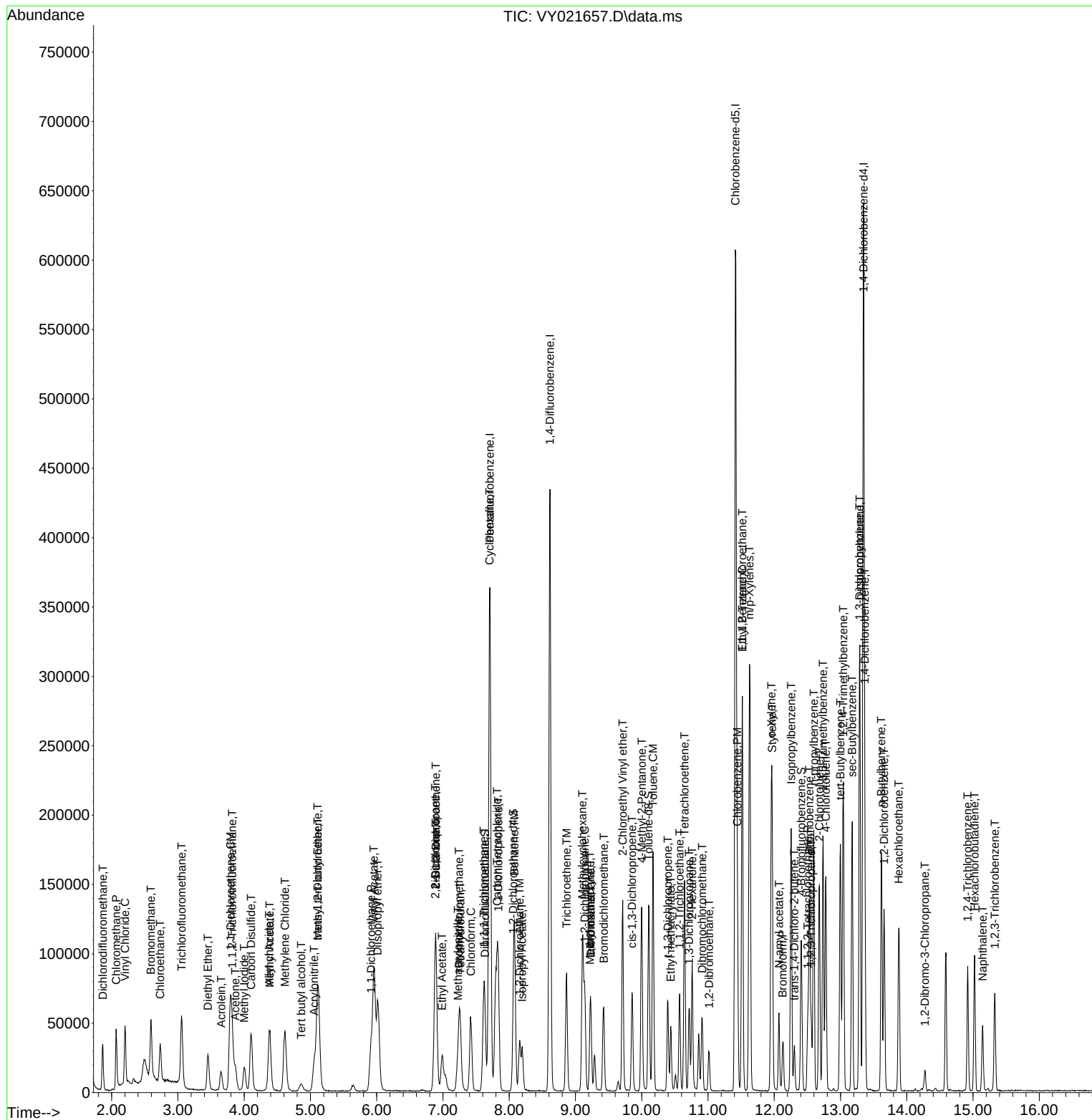
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021657.D
 Acq On : 27 Mar 2025 10:31
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

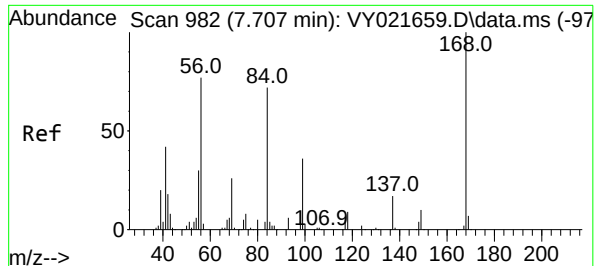
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations APPROVED

Reviewed By :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:14:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration





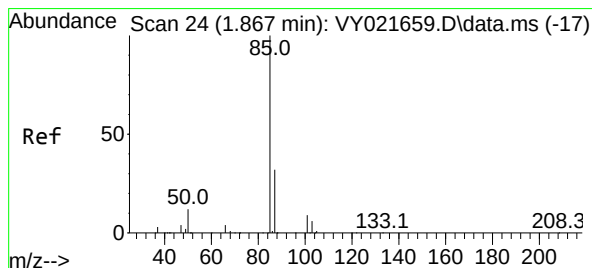
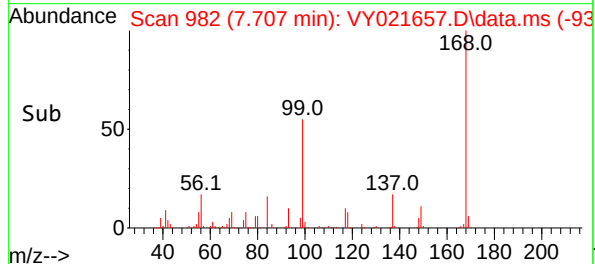
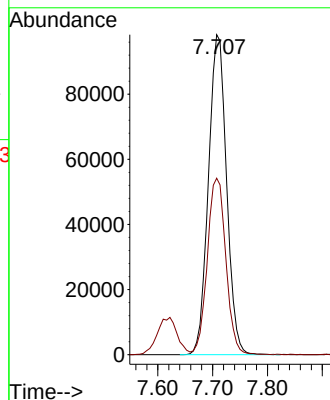
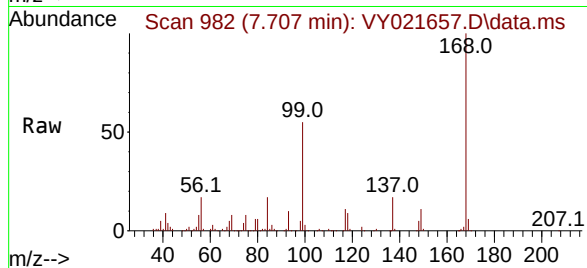
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:168 Resp: 22552
Ion Ratio Lower Upper
168 100
99 55.1 46.7 70.1

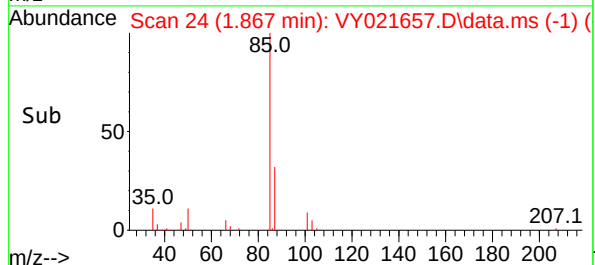
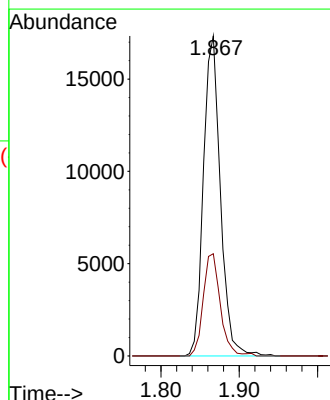
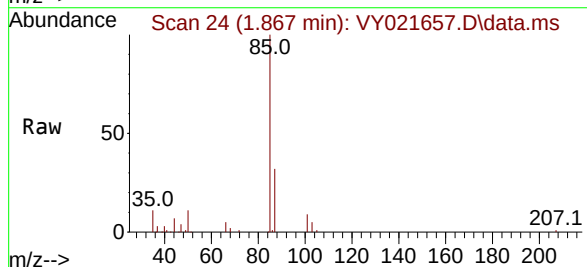
Manual Integrations
APPROVED

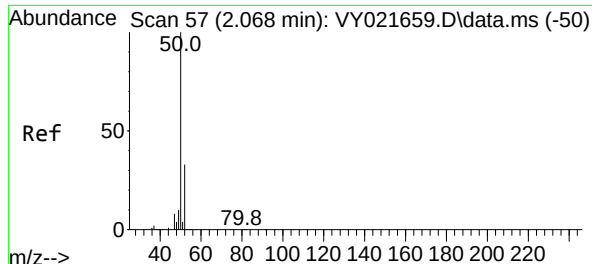
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#2
Dichlorodifluoromethane
Concen: 11.130 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 85 Resp: 26017
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6





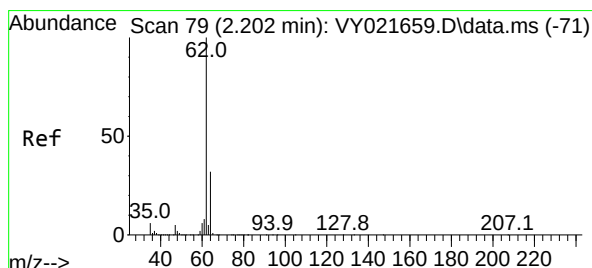
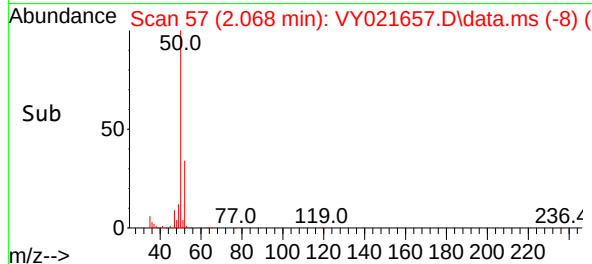
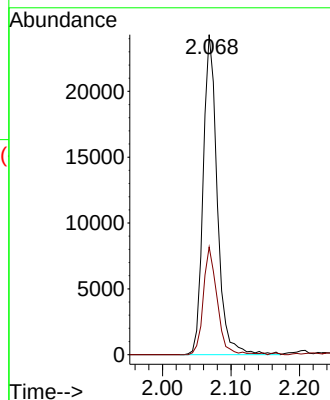
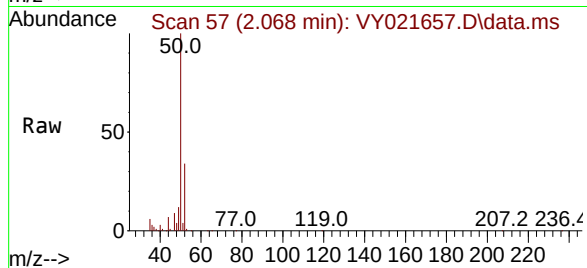
#3
Chloromethane
Concen: 10.633 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 50 Resp: 34949
Ion Ratio Lower Upper
50 100
52 33.7 26.3 39.5

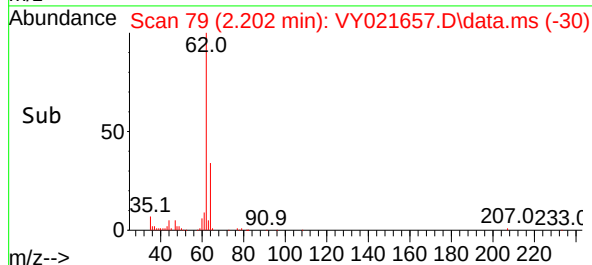
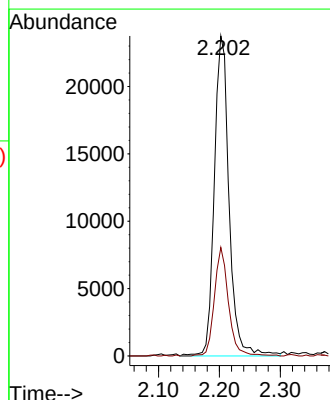
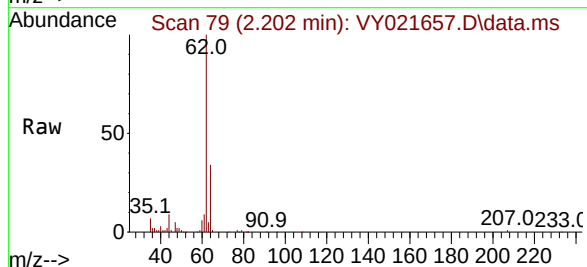
Manual Integrations
APPROVED

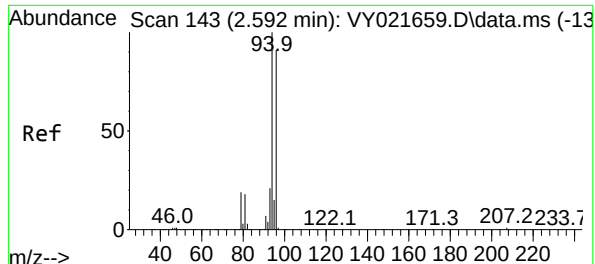
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#4
Vinyl Chloride
Concen: 10.756 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

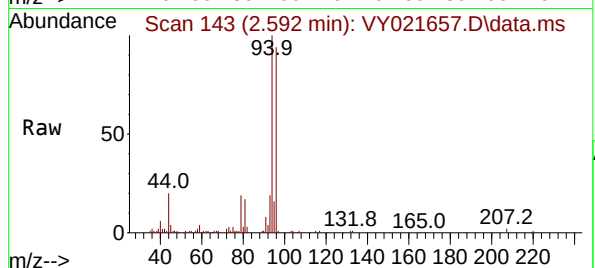
Tgt Ion: 62 Resp: 39982
Ion Ratio Lower Upper
62 100
64 33.9 25.5 38.3





#5
Bromomethane
Concen: 10.914 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

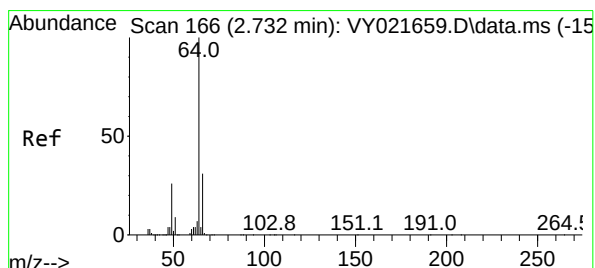
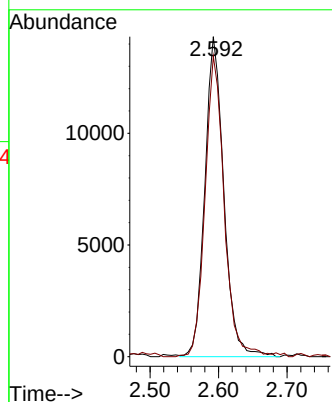
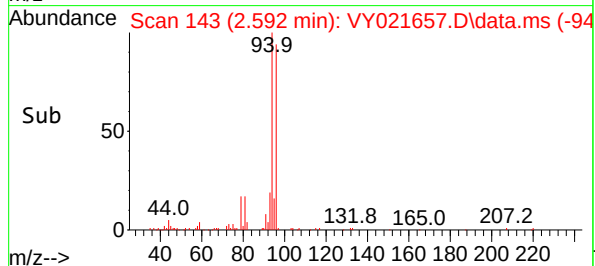
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



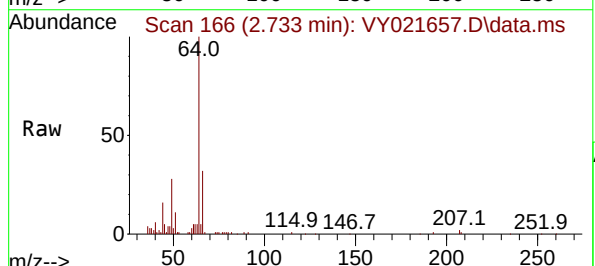
Tgt Ion: 94 Resp: 27670
Ion Ratio Lower Upper
94 100
96 93.4 72.8 109.2

Manual Integrations
APPROVED

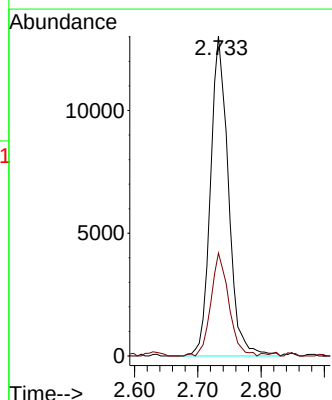
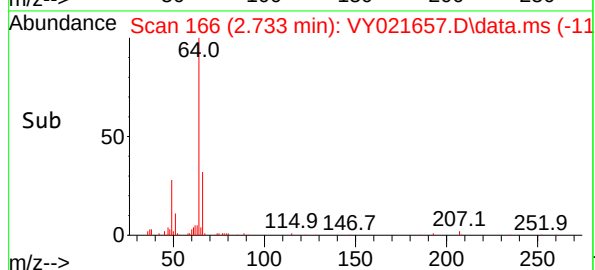
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

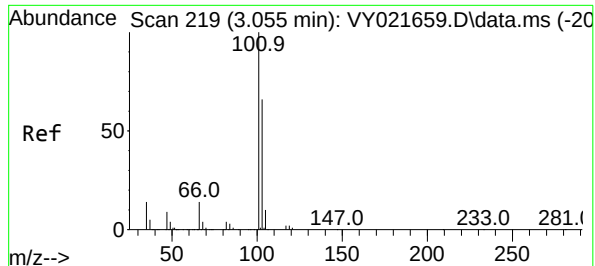


#6
Chloroethane
Concen: 10.567 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31



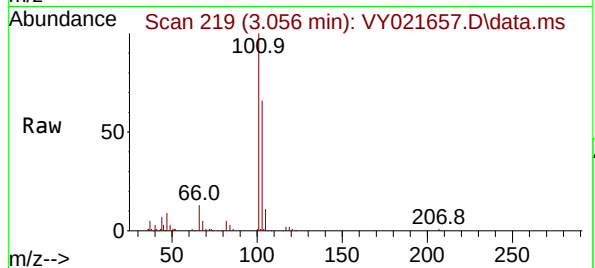
Tgt Ion: 64 Resp: 25703
Ion Ratio Lower Upper
64 100
66 32.1 24.9 37.3





#7
Trichlorofluoromethane
Concen: 10.650 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

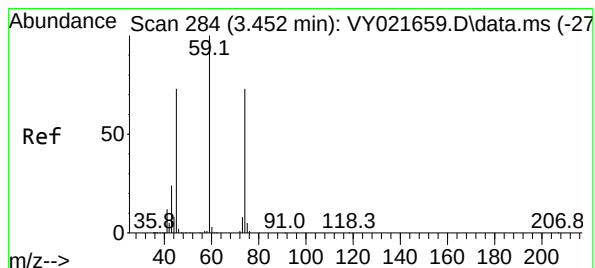
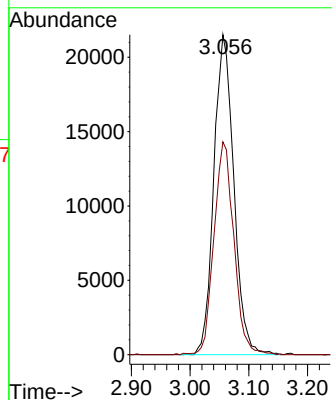
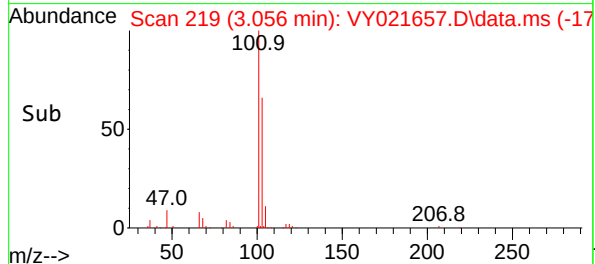
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:101 Resp: 5071
Ion Ratio Lower Upper
101 100
103 66.5 53.1 79.7

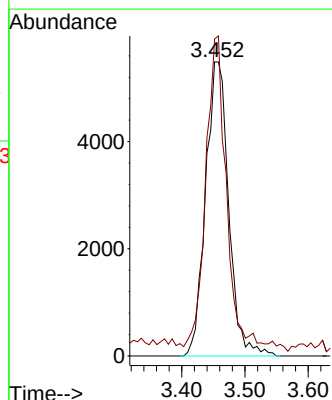
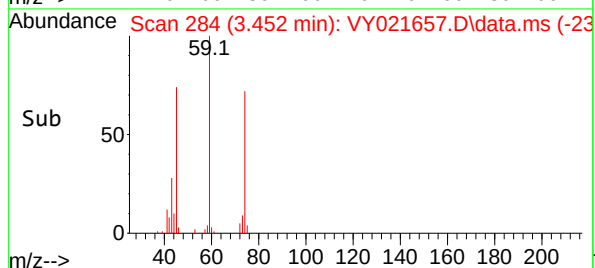
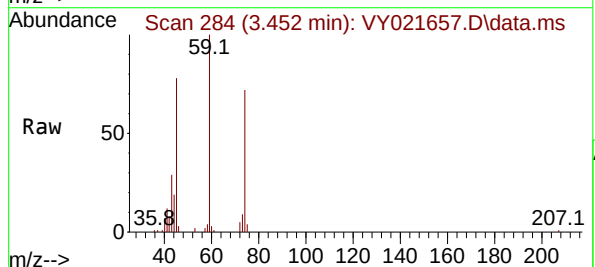
Manual Integrations
APPROVED

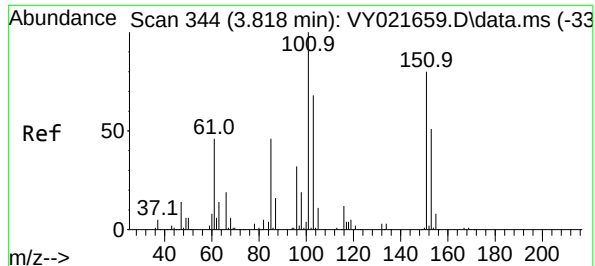
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#8
Diethyl Ether
Concen: 10.765 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 74 Resp: 13940
Ion Ratio Lower Upper
74 100
45 92.0 48.6 145.8





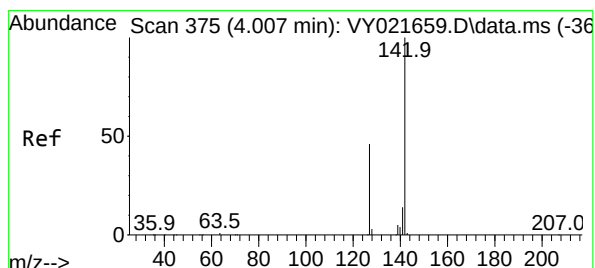
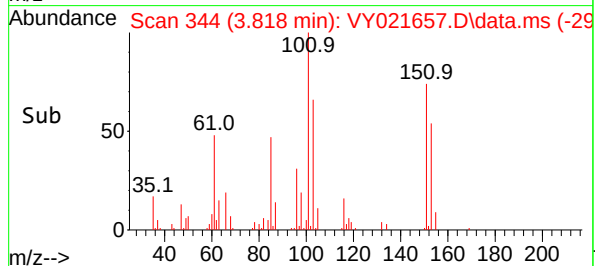
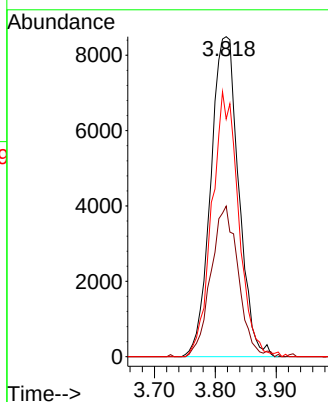
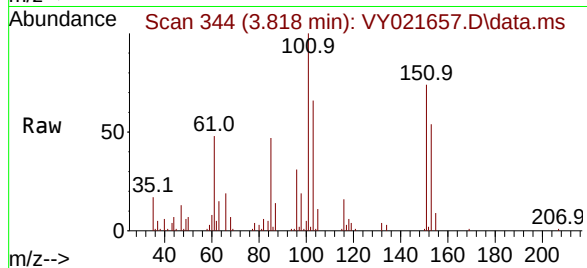
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.786 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 27088
Ion Ratio Lower Upper
101 100
85 45.6 36.3 54.5
151 79.0 61.3 91.9

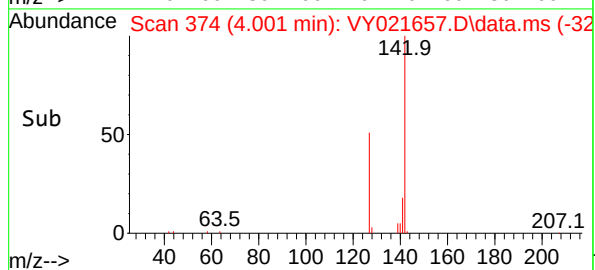
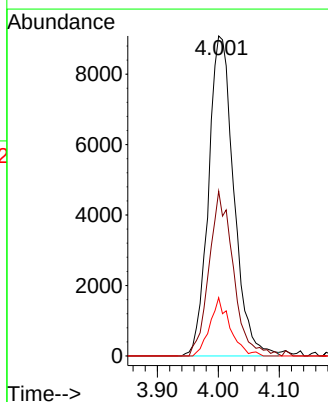
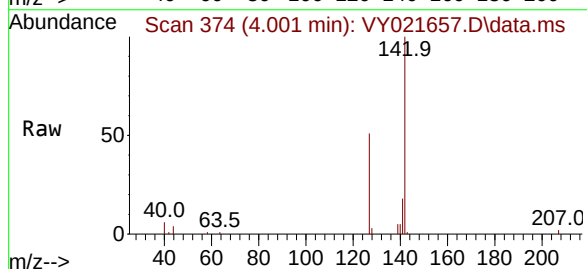
Manual Integrations
APPROVED

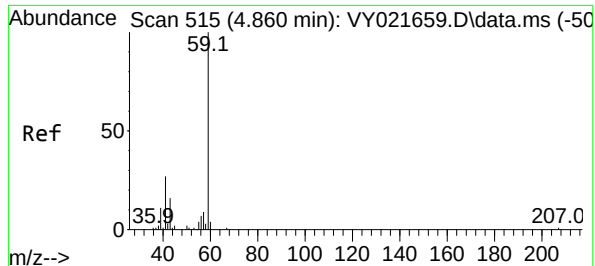
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 9.507 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

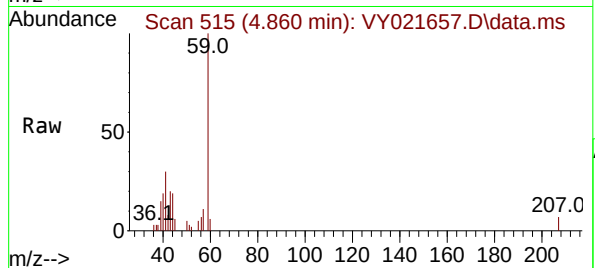
Tgt Ion:142 Resp: 26193
Ion Ratio Lower Upper
142 100
127 49.4 38.7 58.1
141 14.6 11.5 17.3





#11
Tert butyl alcohol
Concen: 54.634 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

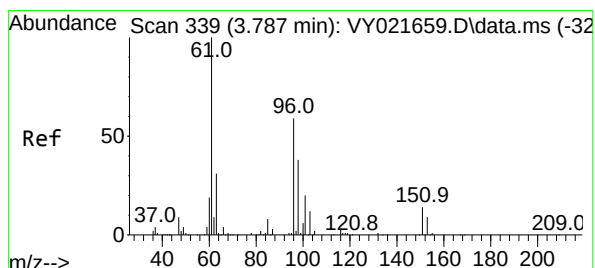
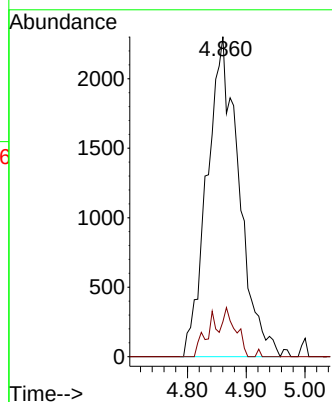
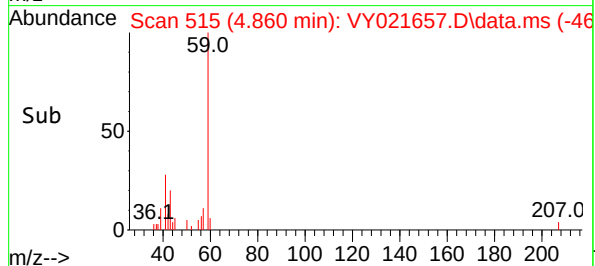
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 59 Resp: 867
Ion Ratio Lower Upper
59 100
57 6.3 9.2 13.8

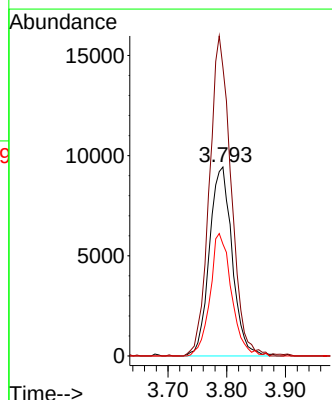
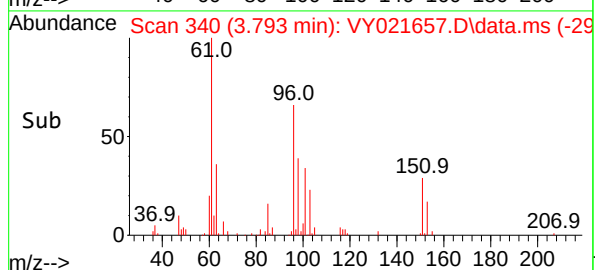
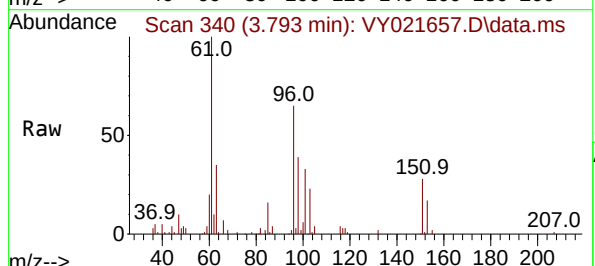
Manual Integrations
APPROVED

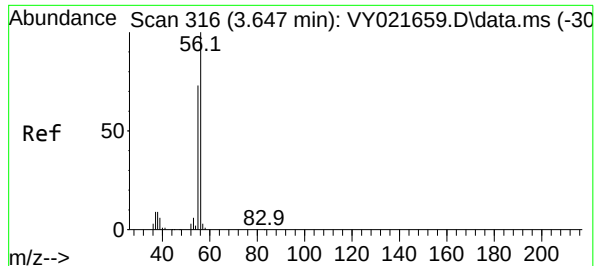
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#12
1,1-Dichloroethene
Concen: 10.757 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 96 Resp: 25446
Ion Ratio Lower Upper
96 100
61 152.8 136.6 204.8
98 59.2 52.3 78.5





#13

Acrolein

Concen: 54.518 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 15799

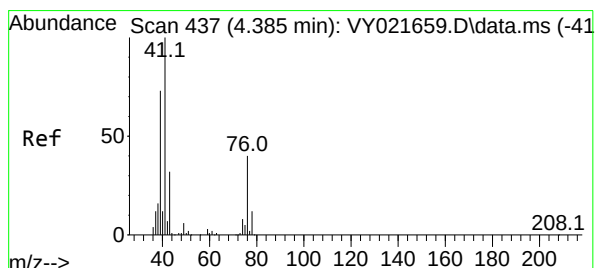
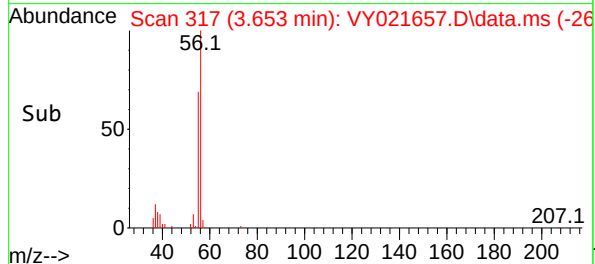
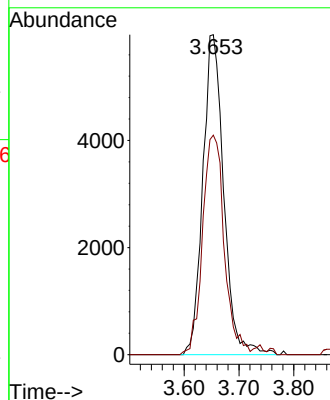
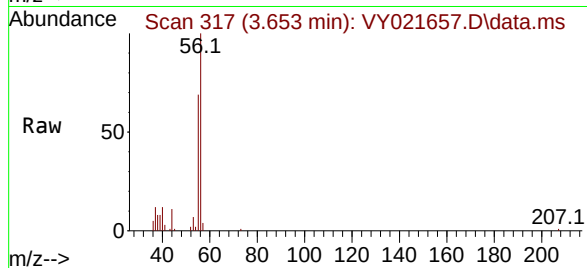
Ion Ratio Lower Upper

56 100

55 71.0 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#14

Allyl chloride

Concen: 10.352 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

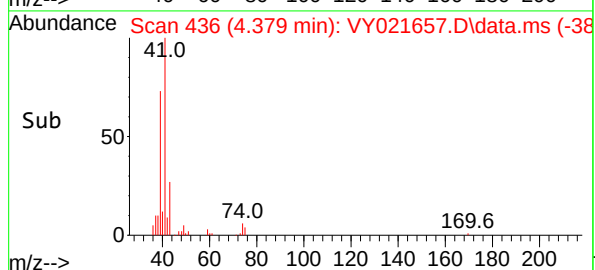
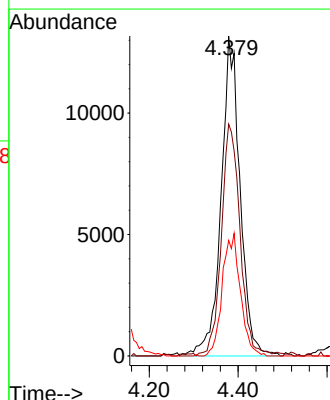
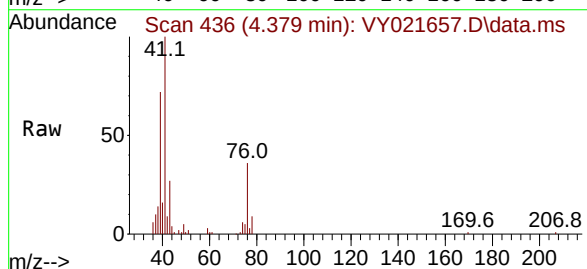
Tgt Ion: 41 Resp: 39045

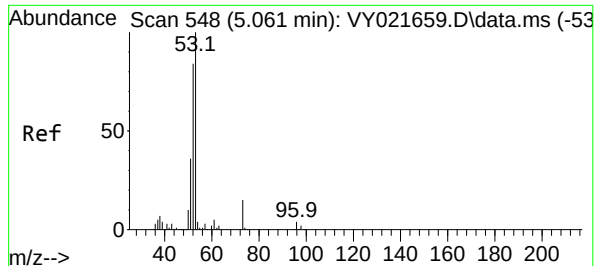
Ion Ratio Lower Upper

41 100

39 71.1 58.6 88.0

76 36.4 30.3 45.5





#15

Acrylonitrile

Concen: 53.389 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 53 Resp: 2886

Ion Ratio Lower Upper

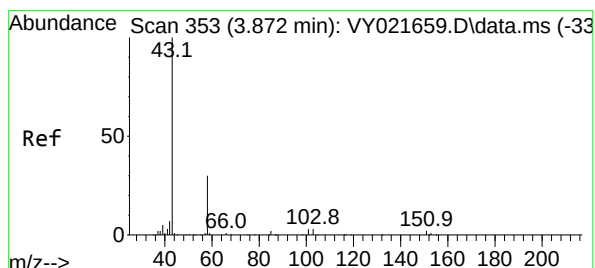
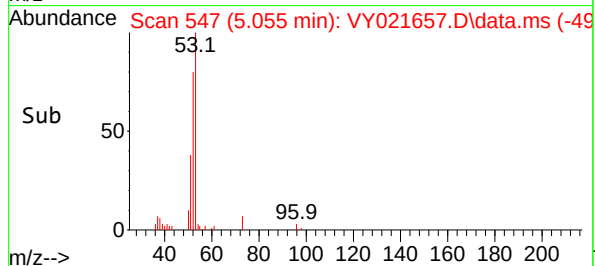
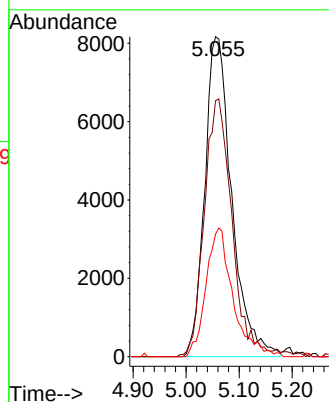
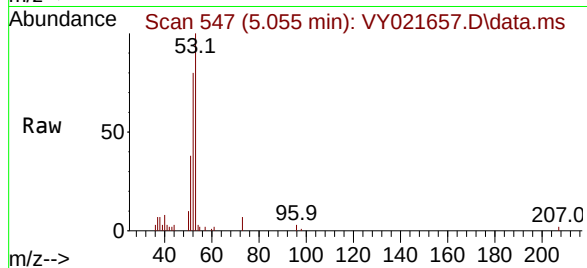
53 100

52 81.9 64.9 97.3

51 40.1 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#16

Acetone

Concen: 55.329 ug/l

RT: 3.867 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY021657.D

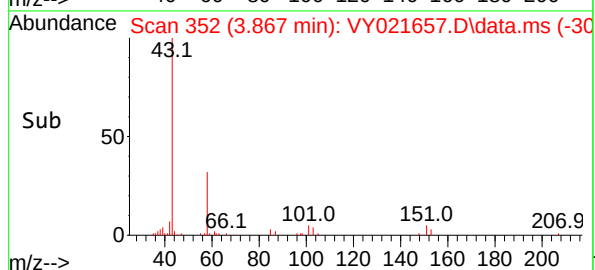
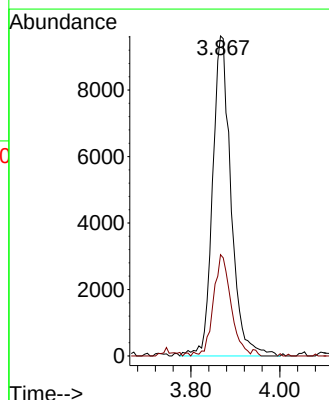
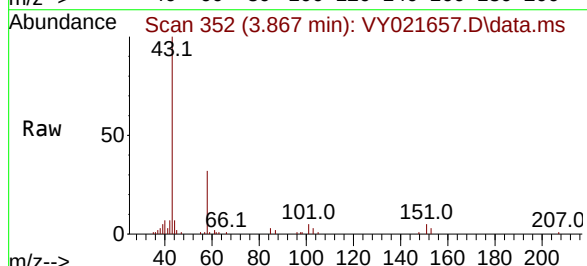
Acq: 27 Mar 2025 10:31

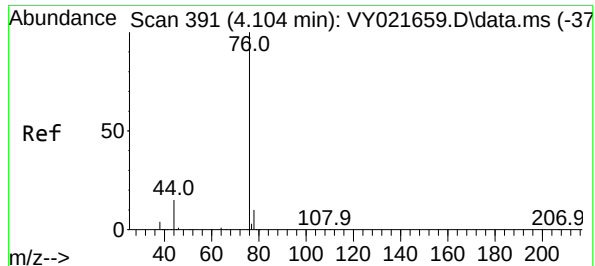
Tgt Ion: 43 Resp: 27669

Ion Ratio Lower Upper

43 100

58 31.0 24.2 36.4





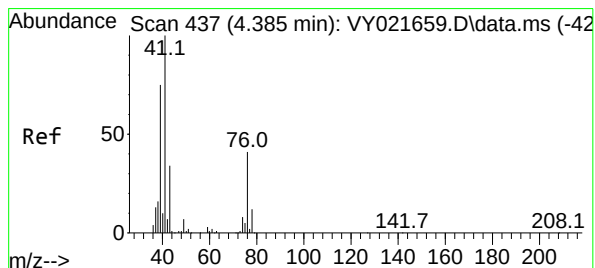
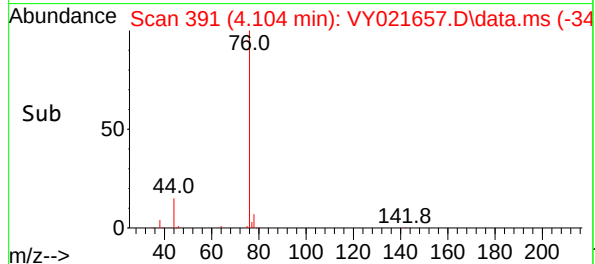
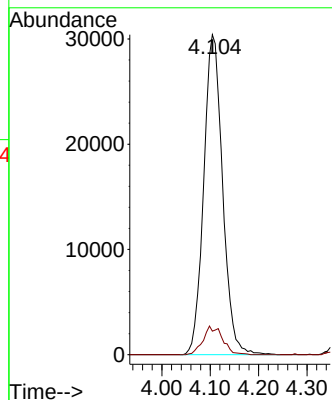
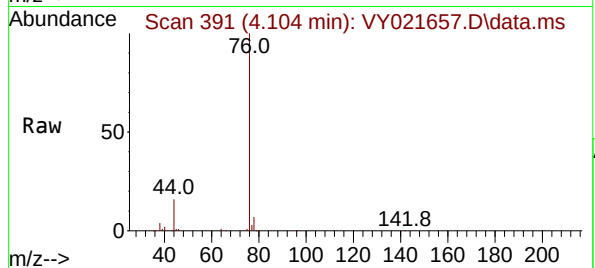
#17
Carbon Disulfide
Concen: 10.583 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 82458
Ion Ratio Lower Upper
76 100
78 7.3 7.6 11.4

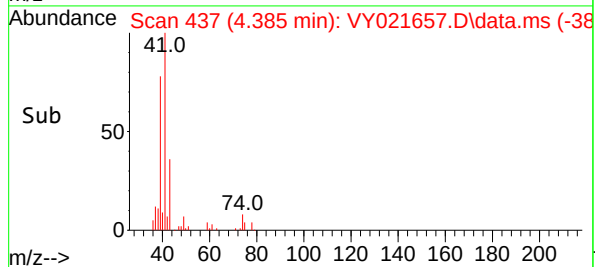
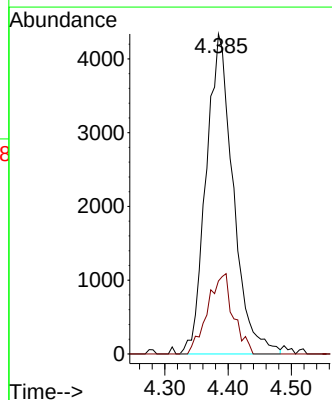
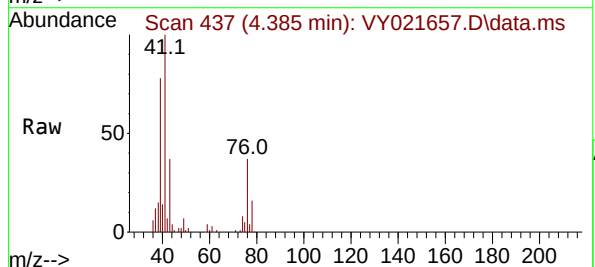
Manual Integrations
APPROVED

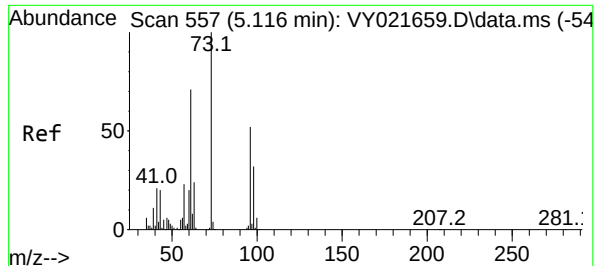
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#18
Methyl Acetate
Concen: 10.417 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 43 Resp: 12911
Ion Ratio Lower Upper
43 100
74 23.8 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 10.223 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 6020

Ion Ratio Lower Upper

73 100

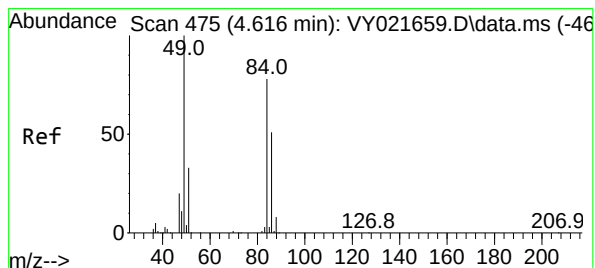
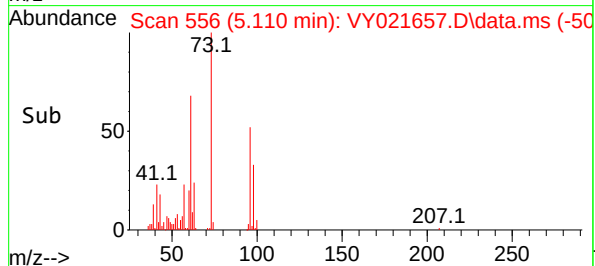
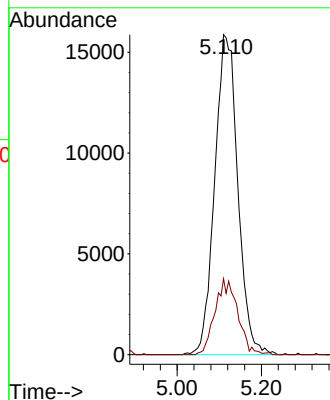
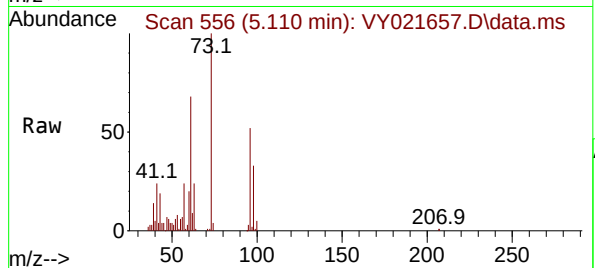
57 23.7 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#20

Methylene Chloride

Concen: 9.677 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Tgt Ion: 84 Resp: 31313

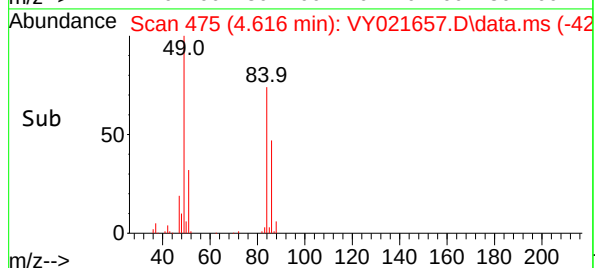
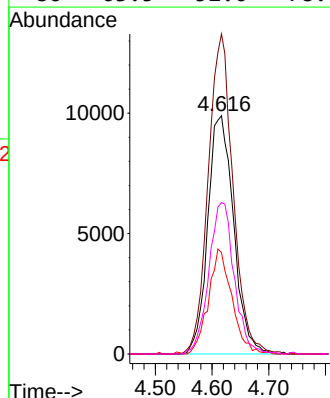
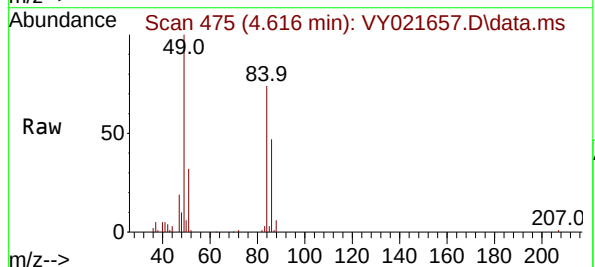
Ion Ratio Lower Upper

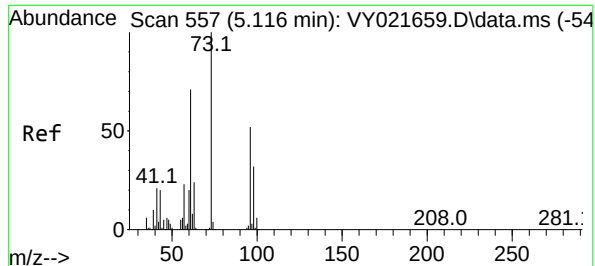
84 100

49 134.3 102.8 154.2

51 42.5 33.5 50.3

86 63.5 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 10.523 ug/l

RT: 5.110 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 2740

Ion Ratio Lower Upper

96 100

61 130.5 109.4 164.0

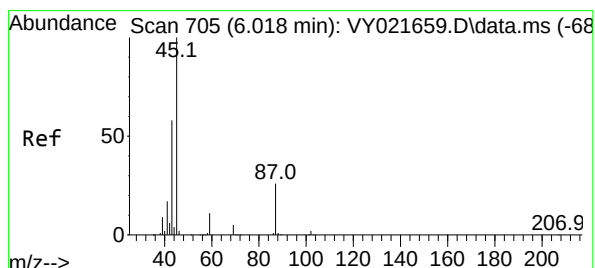
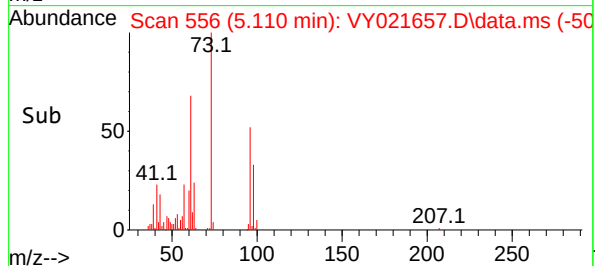
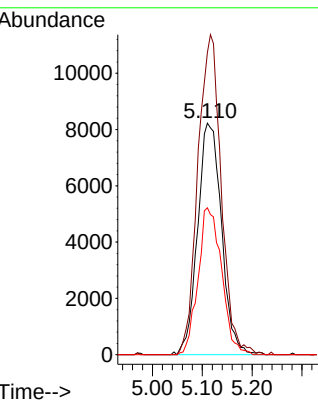
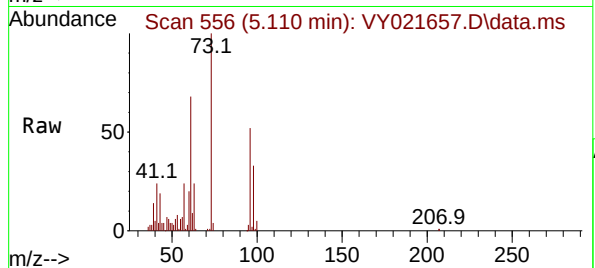
98 63.5 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#22

Diisopropyl ether

Concen: 10.095 ug/l

RT: 6.012 min Scan# 704

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Tgt Ion: 45 Resp: 79874

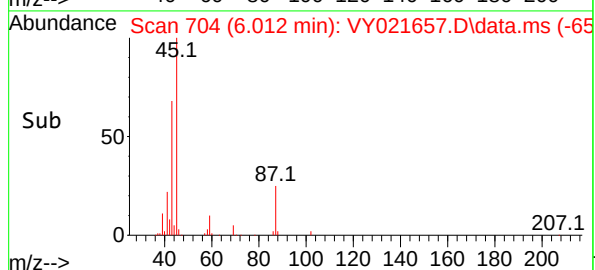
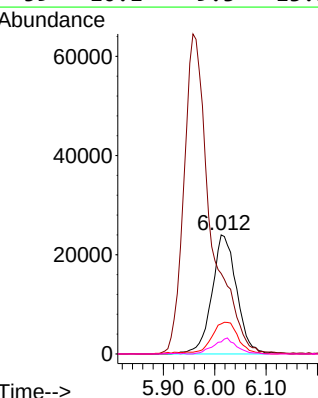
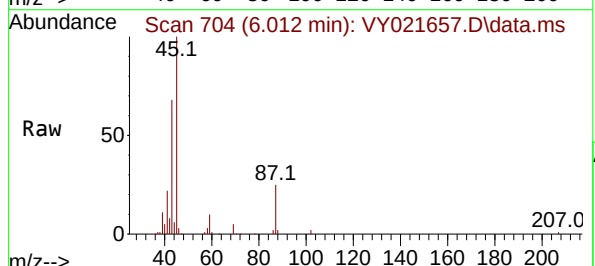
Ion Ratio Lower Upper

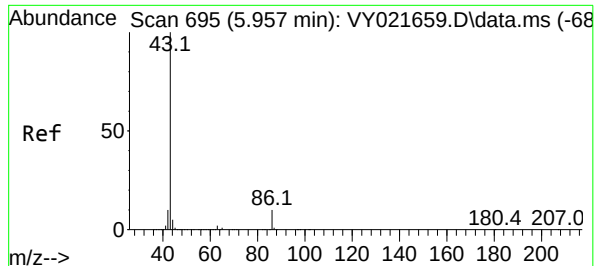
45 100

43 66.0 46.6 69.8

87 24.9 20.7 31.1

59 10.1 9.3 13.9





#23

Vinyl Acetate

Concen: 50.469 ug/l

RT: 5.958 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 233590

Ion Ratio Lower Upper

43

100

86

9.6

8.2

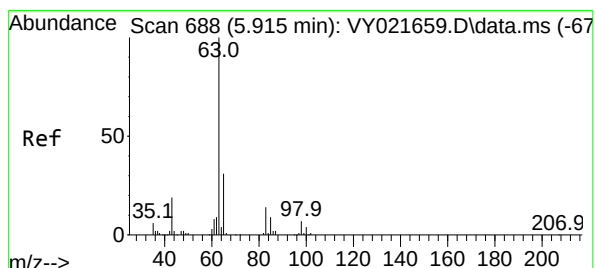
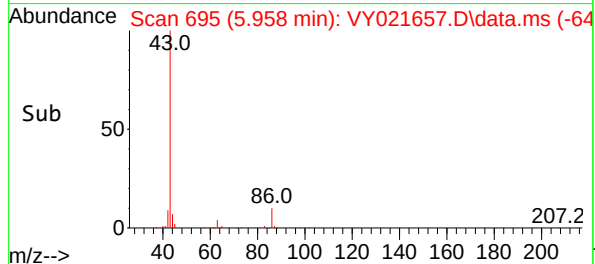
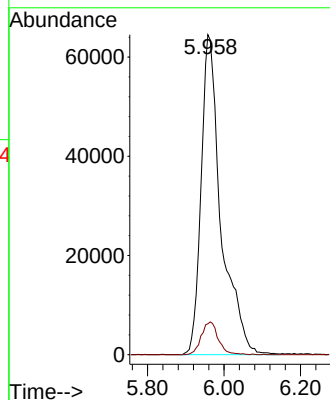
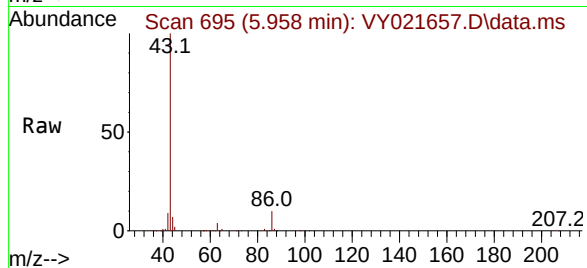
12.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#24

1,1-Dichloroethane

Concen: 10.403 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Tgt Ion: 63 Resp: 49217

Ion Ratio Lower Upper

63

100

98

100

7.9

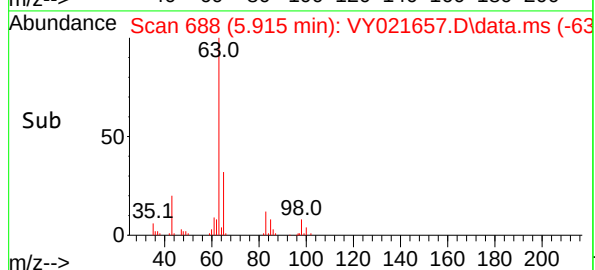
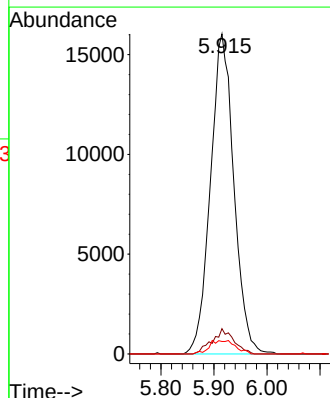
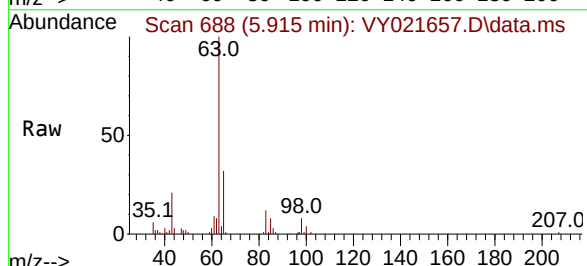
3.5

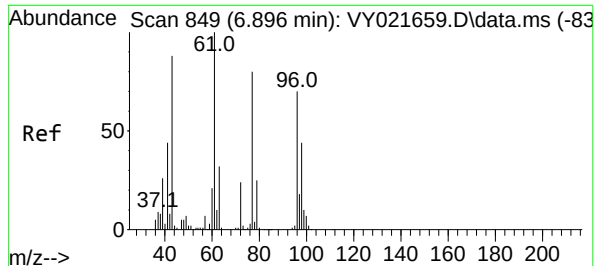
10.5

3.9

2.2

6.6





#25

2-Butanone

Concen: 52.299 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 37350

Ion Ratio Lower Upper

43 100

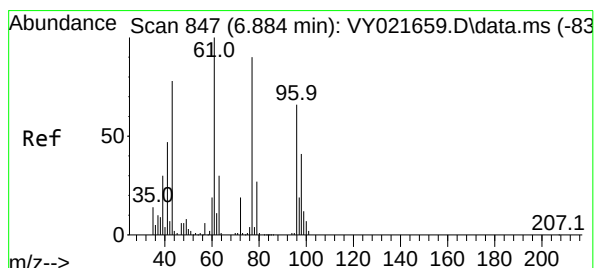
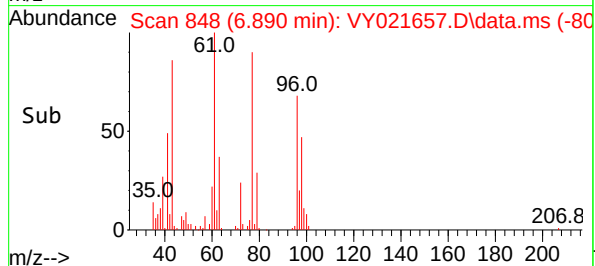
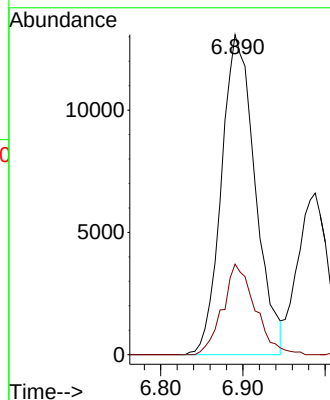
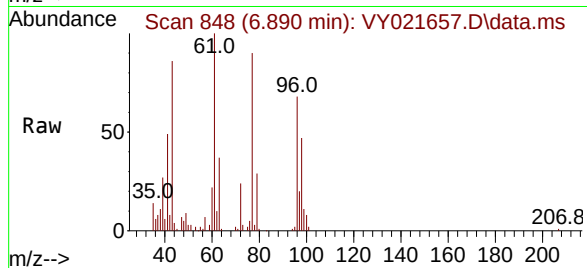
72 28.3 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#26

2,2-Dichloropropane

Concen: 10.316 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021657.D

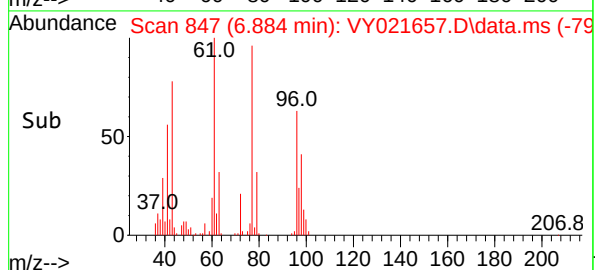
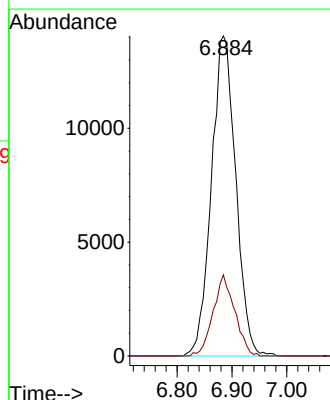
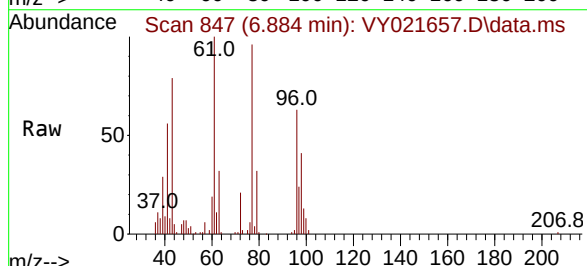
Acq: 27 Mar 2025 10:31

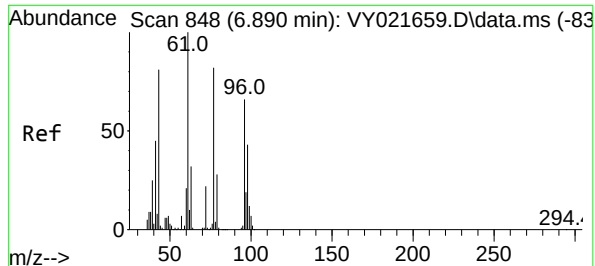
Tgt Ion: 77 Resp: 43412

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 10.140 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

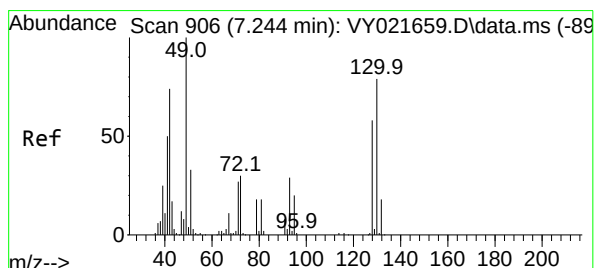
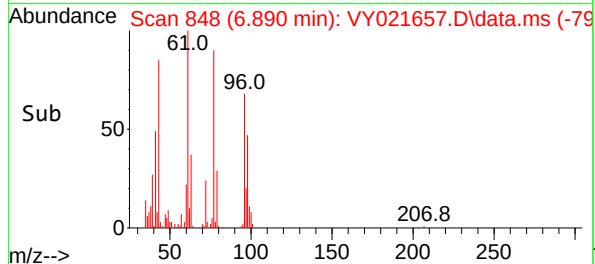
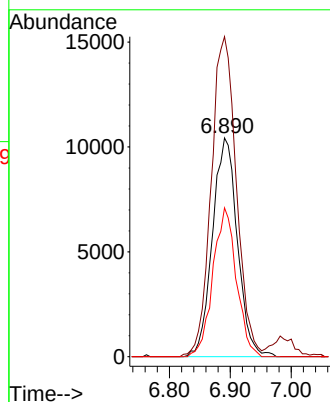
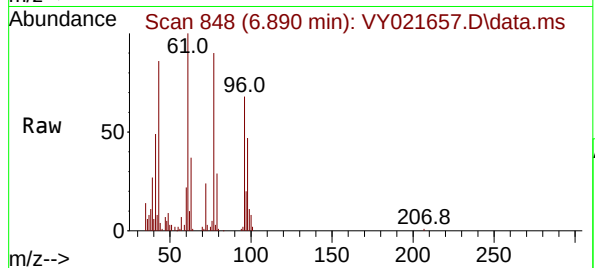
VSTDICC010

Tgt Ion: 96	Resp: 2969
Ion Ratio	Lower Upper
96 100	
61 147.4	0.0 296.4
98 63.9	0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#28

Bromochloromethane

Concen: 10.618 ug/l

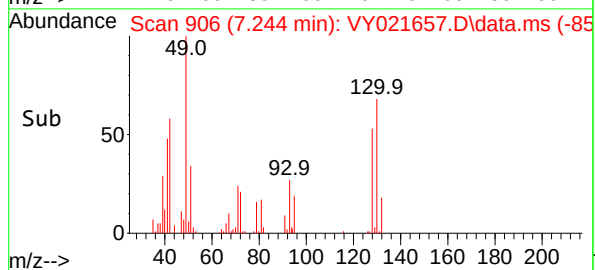
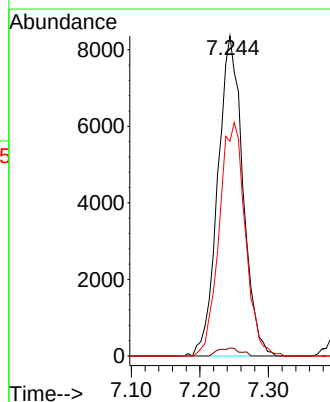
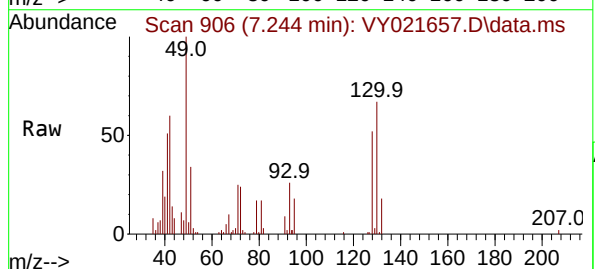
RT: 7.244 min Scan# 906

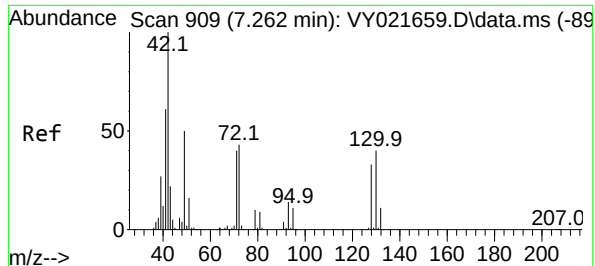
Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Tgt Ion: 49	Resp: 21186
Ion Ratio	Lower Upper
49 100	
129 2.2	0.0 4.4
130 75.9	60.1 90.1





#29

Tetrahydrofuran

Concen: 54.625 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

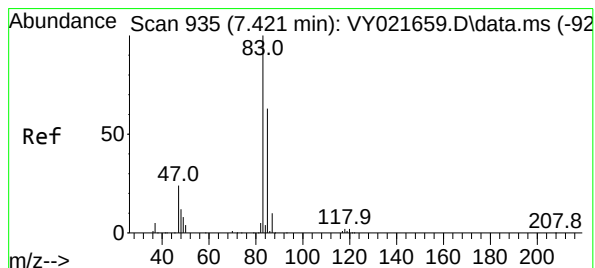
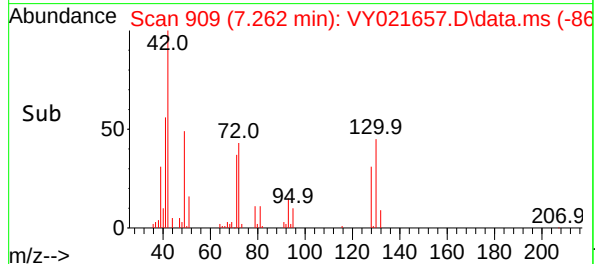
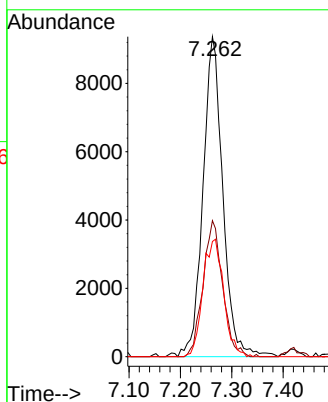
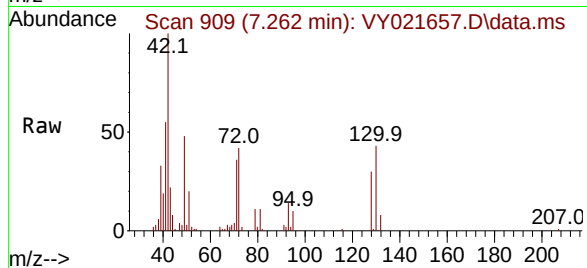
VSTDIC010

Tgt Ion:	42	Resp:	2511
Ion Ratio	Lower	Upper	
42	100		
72	41.9	34.6	52.0
71	38.5	32.5	48.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#30

Chloroform

Concen: 10.459 ug/l

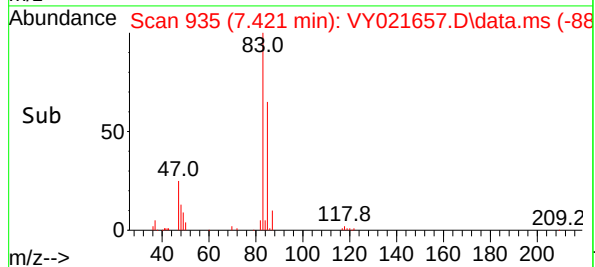
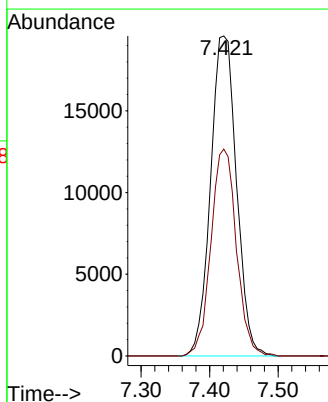
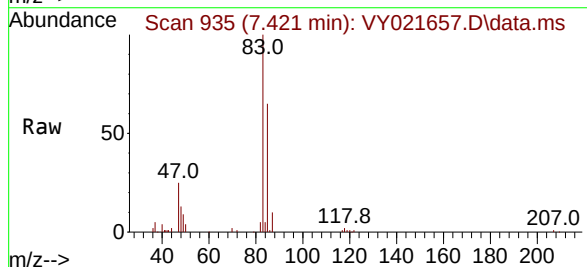
RT: 7.421 min Scan# 935

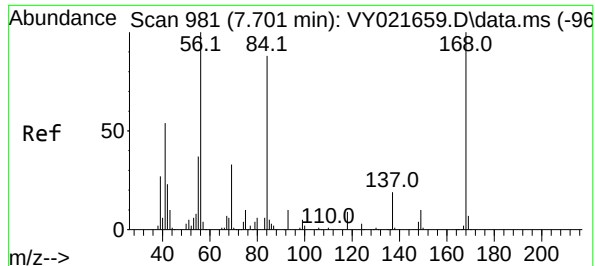
Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

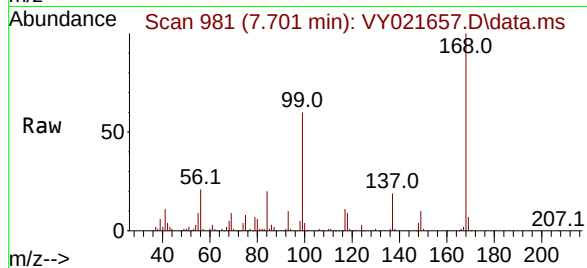
Tgt Ion:	83	Resp:	51464
Ion Ratio	Lower	Upper	
83	100		
85	64.6	50.6	75.8





#31
Cyclohexane
Concen: 10.798 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

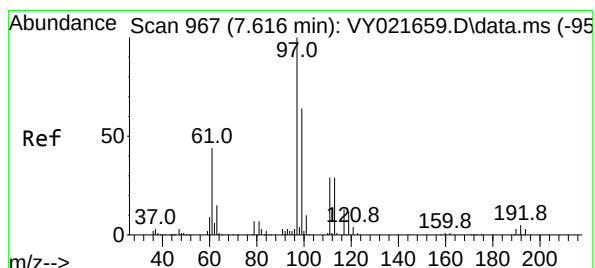
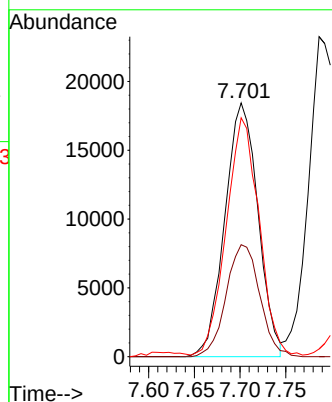
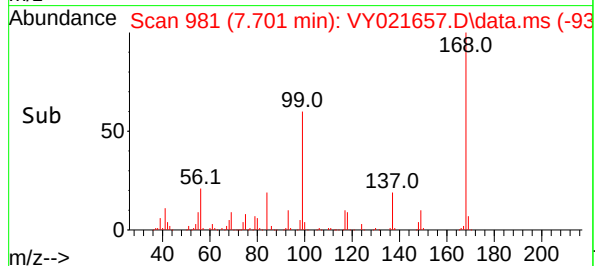
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 46569
Ion Ratio Lower Upper
56 100
69 44.1 26.6 40.0
84 92.8 69.0 103.4

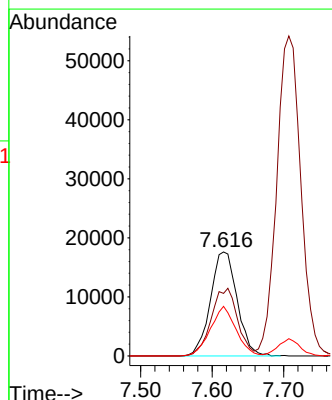
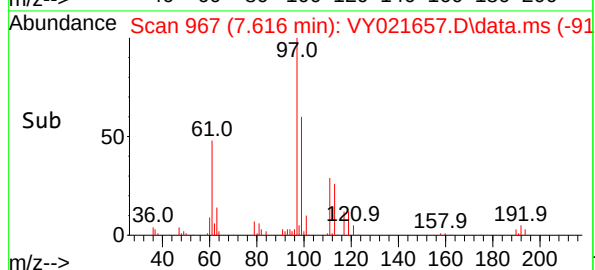
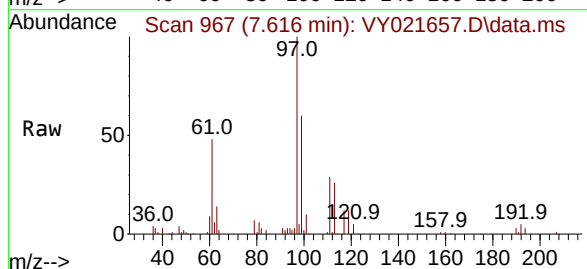
Manual Integrations
APPROVED

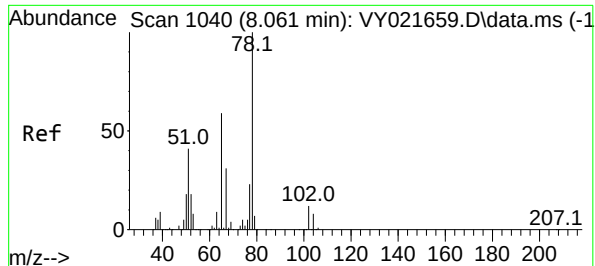
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#32
1,1,1-Trichloroethane
Concen: 10.270 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 97 Resp: 45673
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 45.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 10.311 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 2519

Ion Ratio Lower Upper

65 100

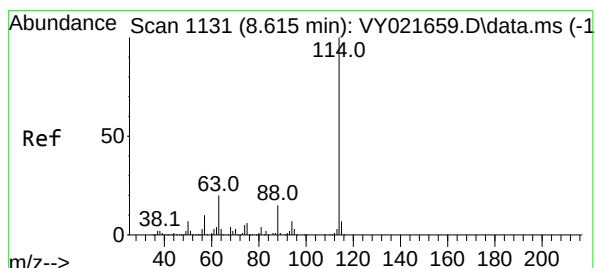
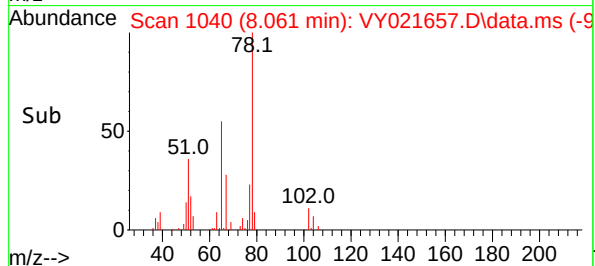
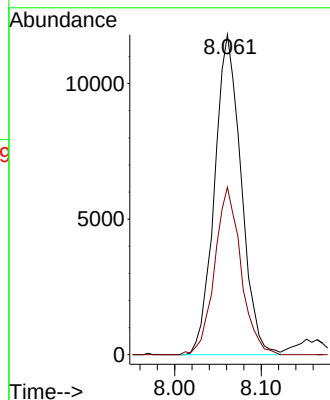
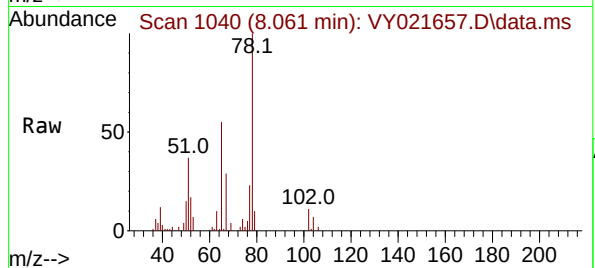
67 51.8 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

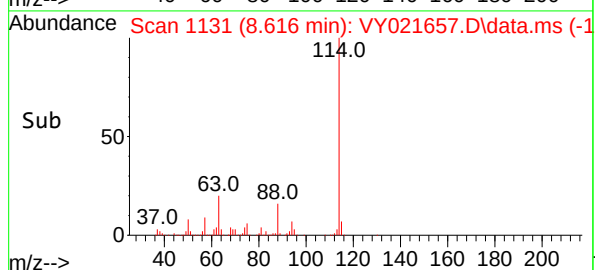
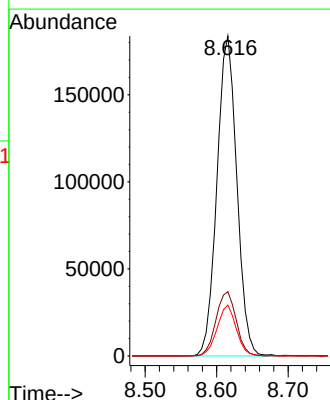
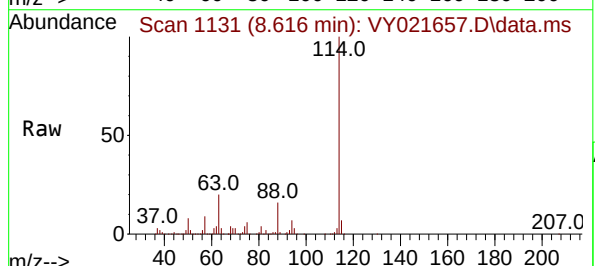
Tgt Ion:114 Resp: 354785

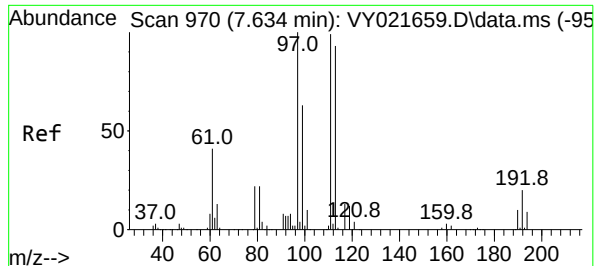
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 9.906 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

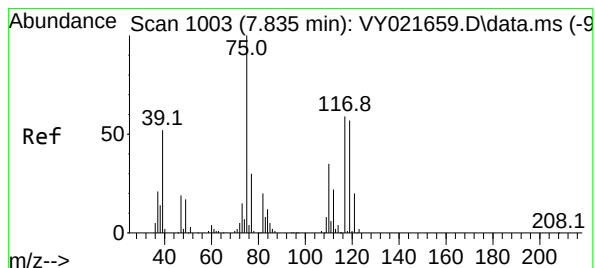
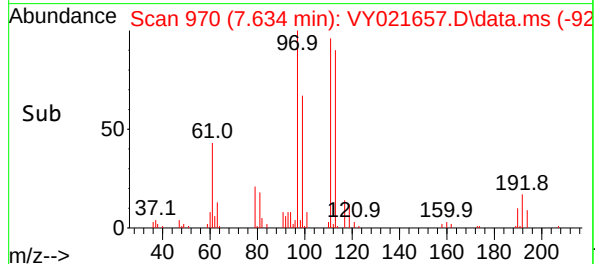
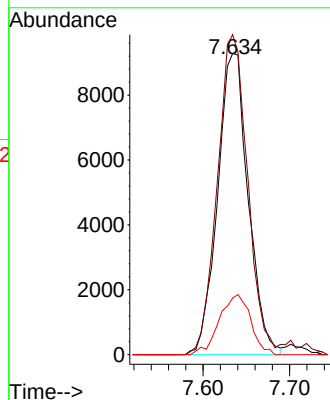
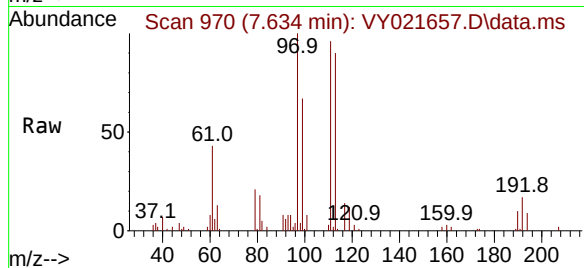
VSTDIC010

Tgt Ion:	113	Resp:	2279
Ion	Ratio	Lower	Upper
113	100		
111	105.8	82.6	123.8
192	20.4	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#36

1,1-Dichloropropene

Concen: 10.304 ug/l

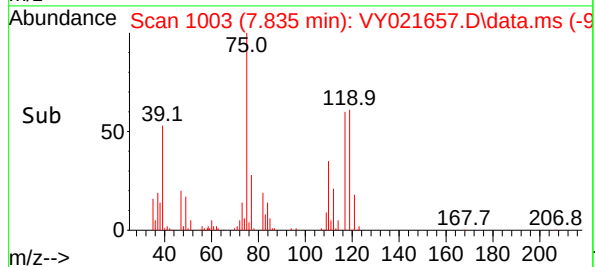
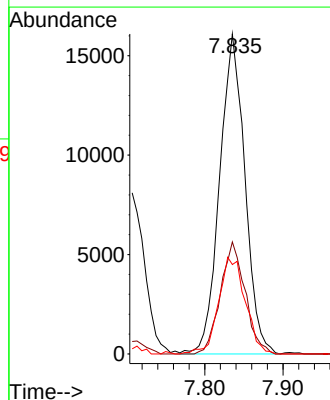
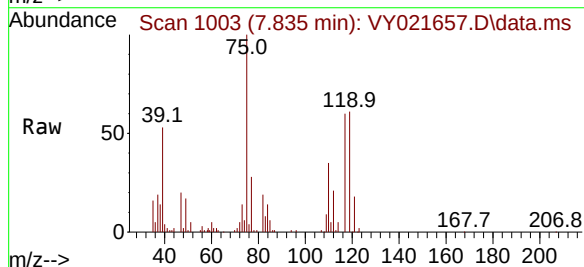
RT: 7.835 min Scan# 1003

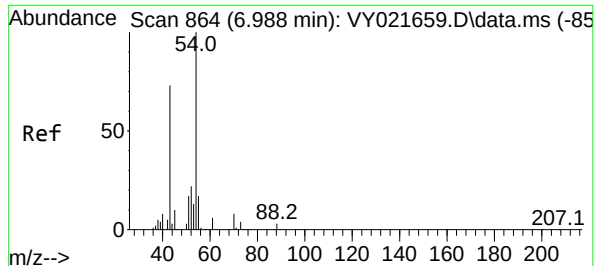
Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Tgt Ion:	75	Resp:	36121
Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.0	50.9
77	32.0	24.8	37.2





#37

Ethyl Acetate

Concen: 10.969 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 1814

Ion Ratio Lower Upper

43 100

61 14.0 11.0 16.6

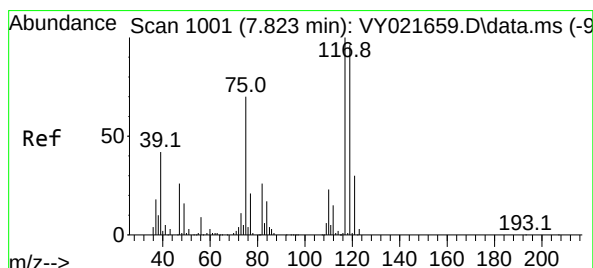
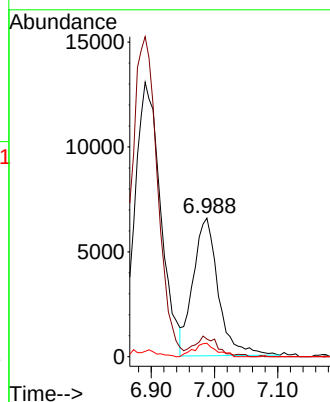
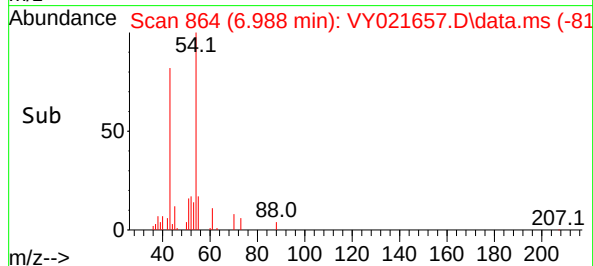
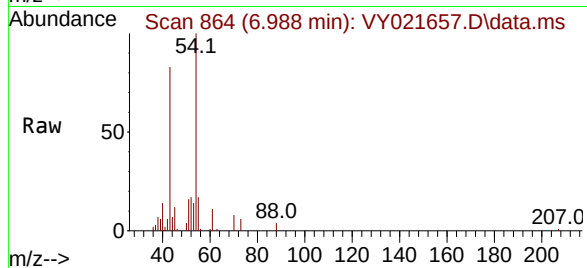
70 8.8 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#38

Carbon Tetrachloride

Concen: 10.496 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

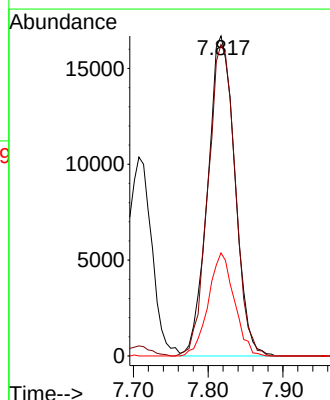
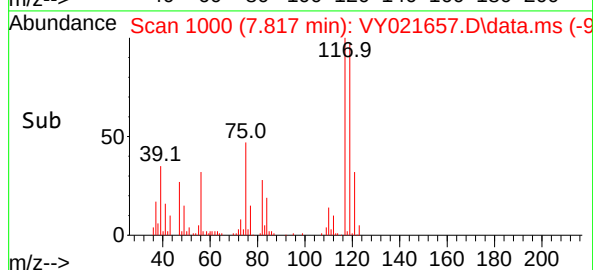
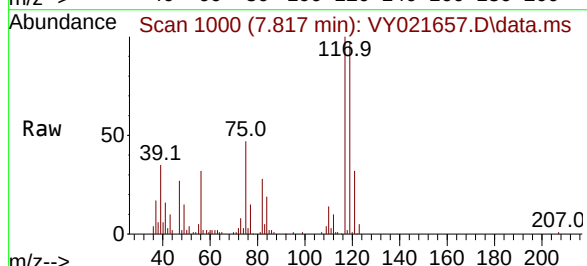
Tgt Ion:117 Resp: 42141

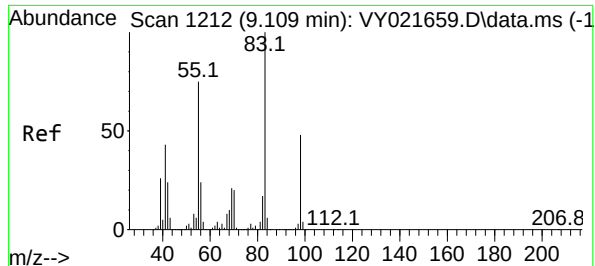
Ion Ratio Lower Upper

117 100

119 97.3 76.2 114.4

121 32.2 24.2 36.4





#39

Methylcyclohexane

Concen: 10.147 ug/l

RT: 9.103 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

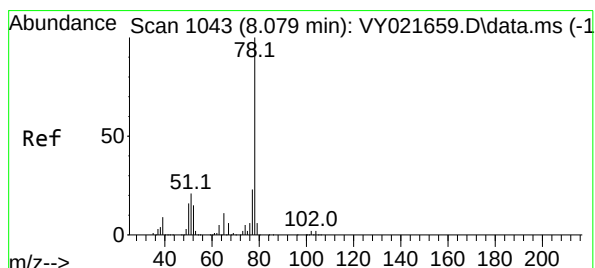
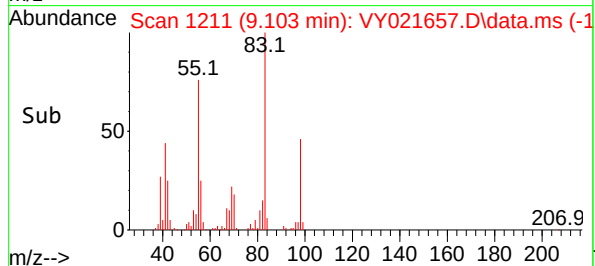
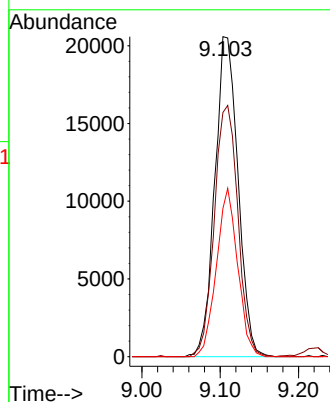
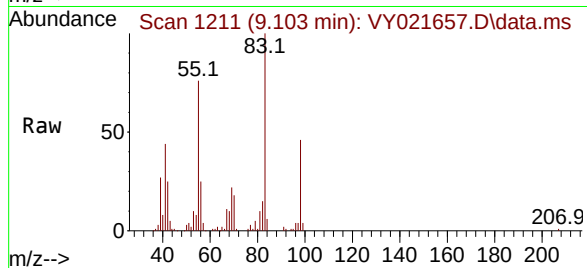
VSTDIC010

Tgt Ion:	83	Resp:	4249
Ion	Ratio	Lower	Upper
83	100		
55	76.3	59.7	89.5
98	46.3	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#40

Benzene

Concen: 10.322 ug/l

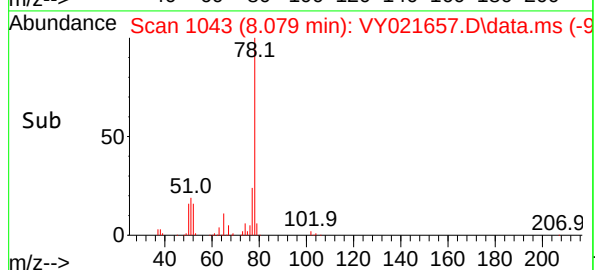
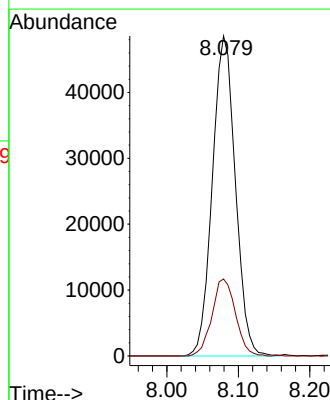
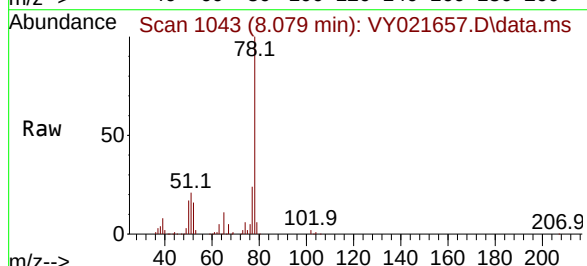
RT: 8.079 min Scan# 1043

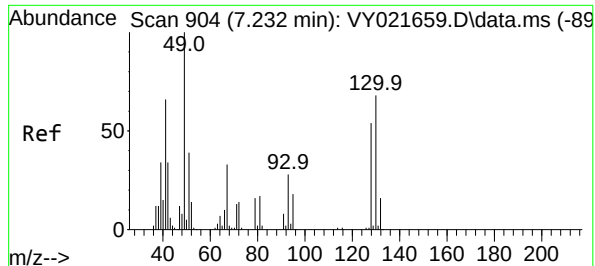
Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Tgt Ion:	78	Resp:	108360
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





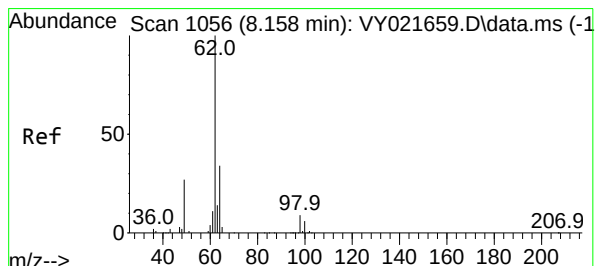
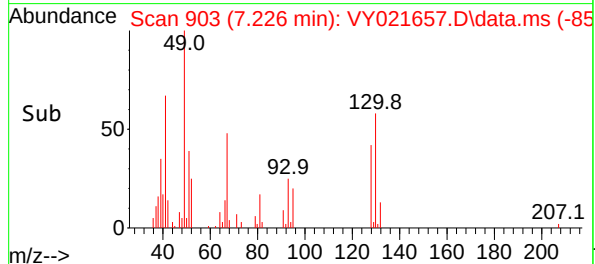
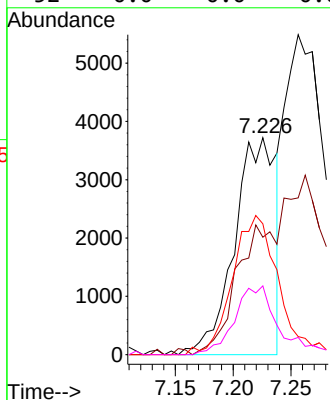
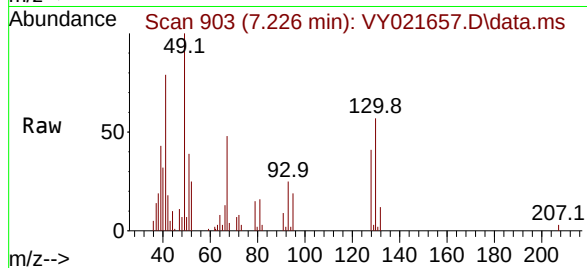
#41
Methacrylonitrile
Concen: 10.635 ug/l m
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:	41	Resp:	934
Ion	Ratio	Lower	Upper
41	100		
39	140.2	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

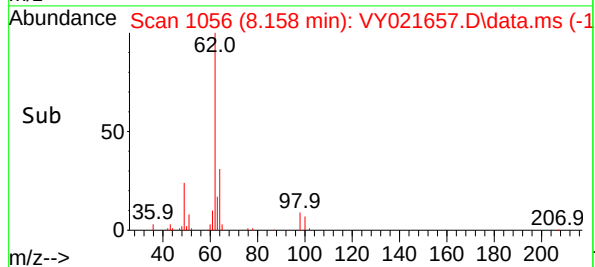
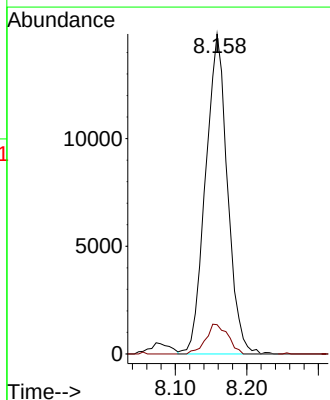
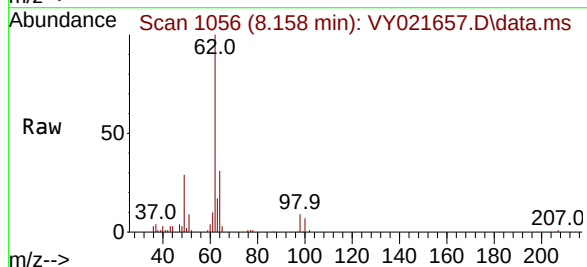
Manual Integrations
APPROVED

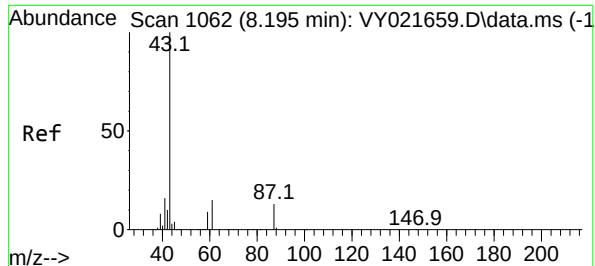
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 10.679 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion:	62	Resp:	31606
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4





#43

Isopropyl Acetate

Concen: 10.738 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

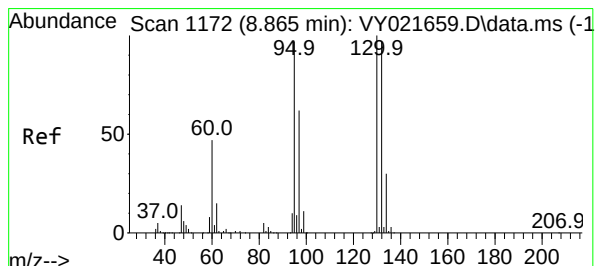
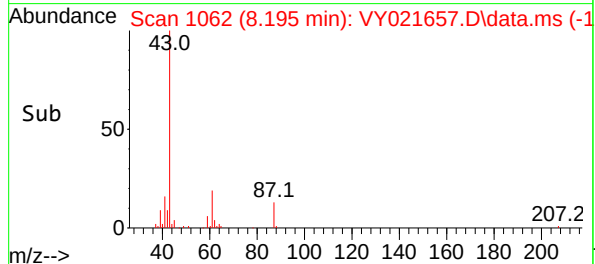
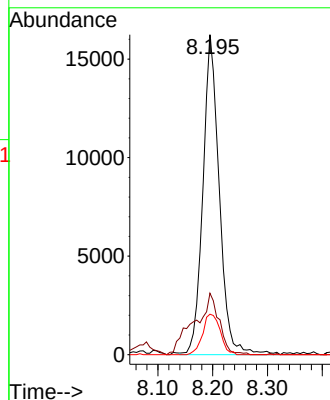
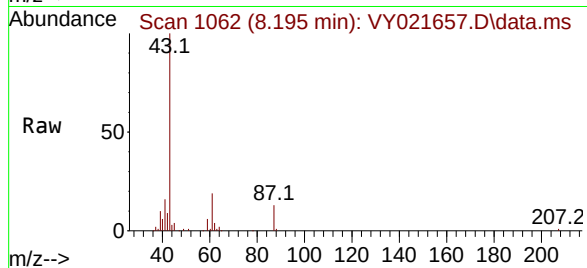
VSTDIC010

Tgt Ion:	43	Resp:	3366
Ion	Ratio	Lower	Upper
43	100		
61	29.1	15.9	23.9
87	13.6	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#44

Trichloroethene

Concen: 10.571 ug/l

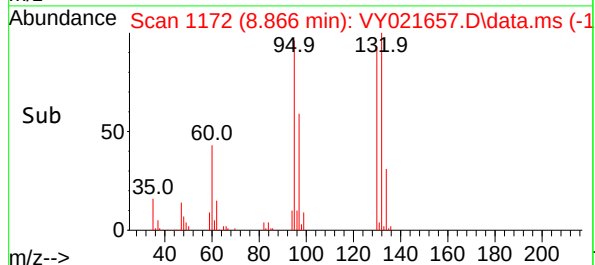
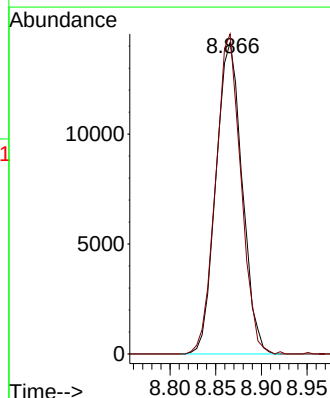
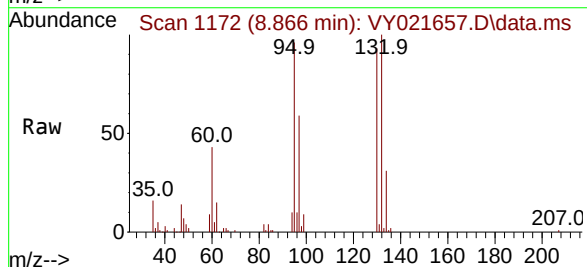
RT: 8.866 min Scan# 1172

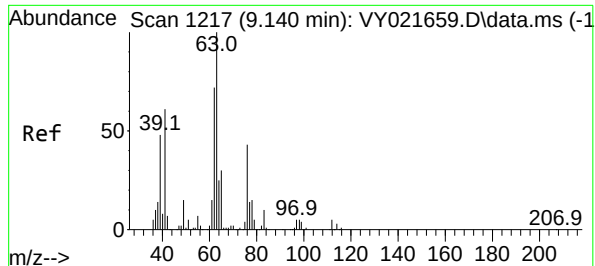
Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Tgt Ion:	130	Resp:	28275
Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	194.8





#45

1,2-Dichloropropane

Concen: 10.440 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 2594

Ion Ratio Lower Upper

63 100

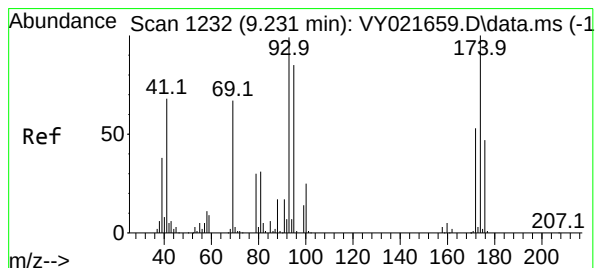
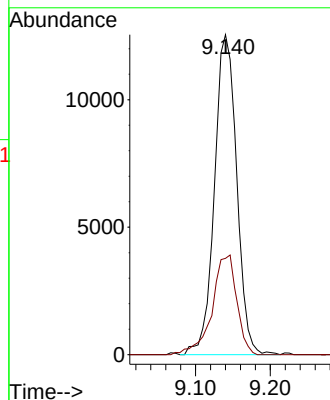
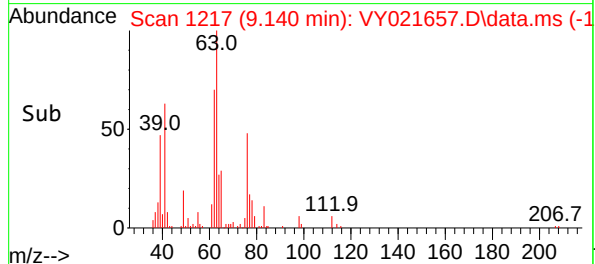
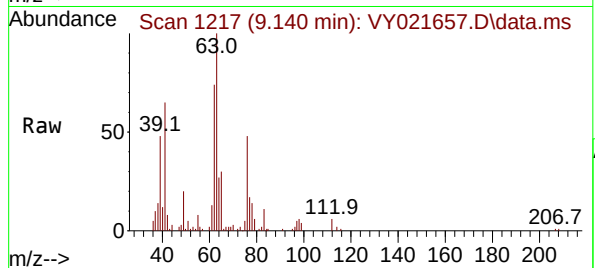
65 30.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#46

Dibromomethane

Concen: 10.896 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

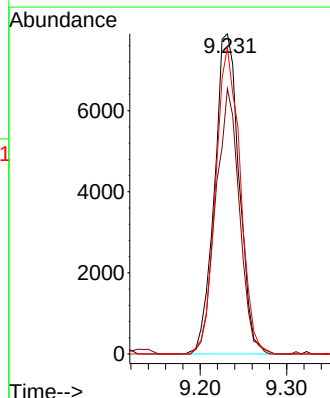
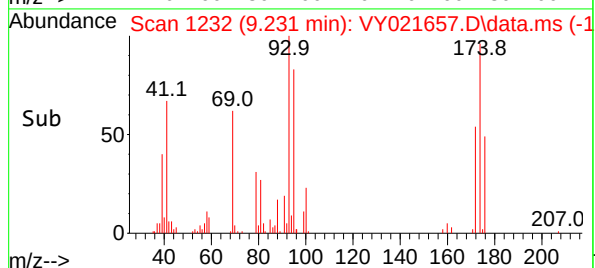
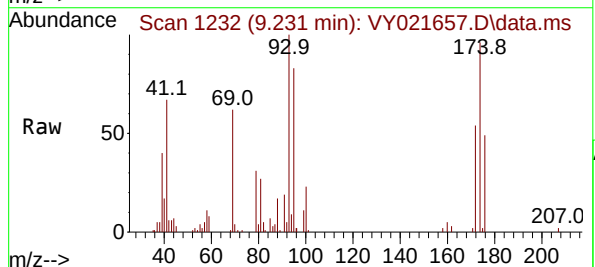
Tgt Ion: 93 Resp: 15605

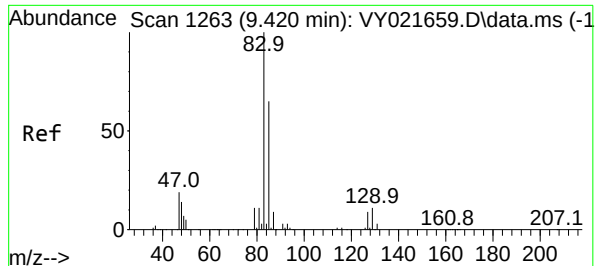
Ion Ratio Lower Upper

93 100

95 79.3 68.1 102.1

174 95.5 80.9 121.3





#47

Bromodichloromethane

Concen: 10.439 ug/l

RT: 9.427 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

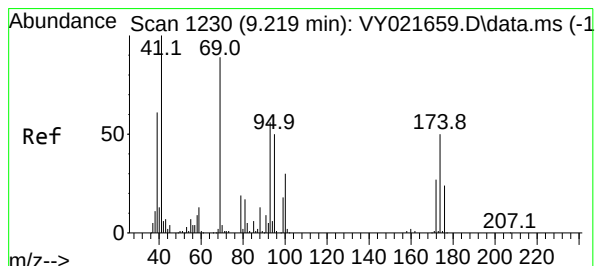
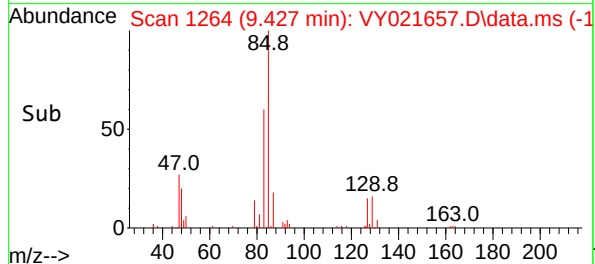
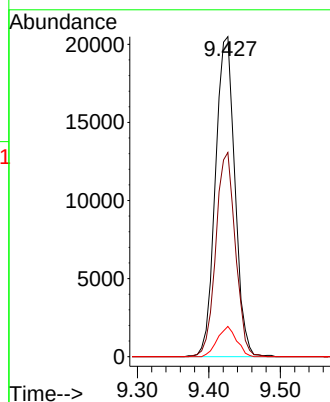
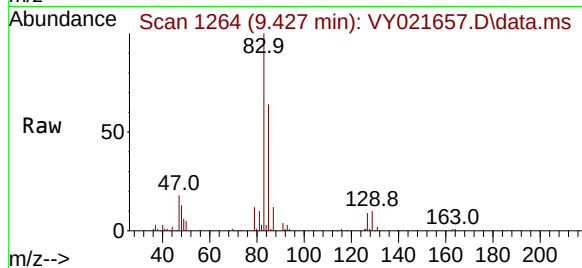
VSTDIC010

Tgt Ion:	83	Resp:	3873
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.6
127	9.5	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48

Methyl methacrylate

Concen: 10.130 ug/l

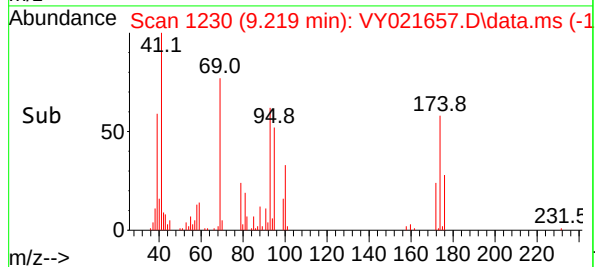
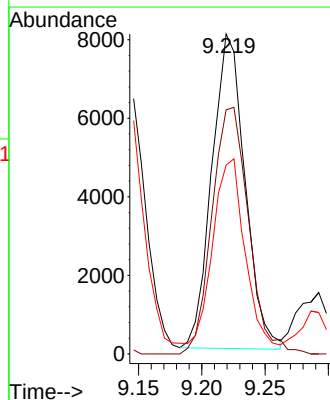
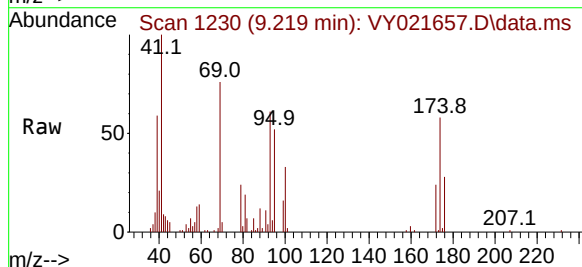
RT: 9.219 min Scan# 1230

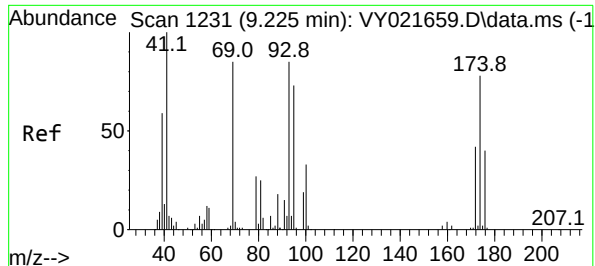
Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Tgt Ion:	41	Resp:	14576
Ion	Ratio	Lower	Upper
41	100		
69	86.5	69.8	104.8
39	56.4	47.2	70.8





#49

1,4-Dioxane

Concen: 200.565 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

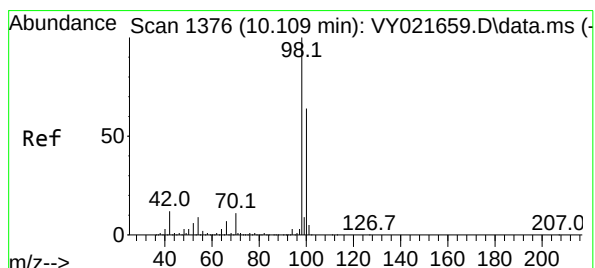
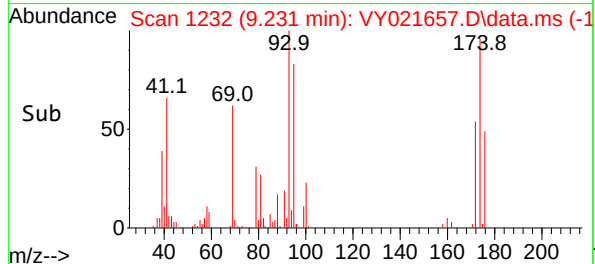
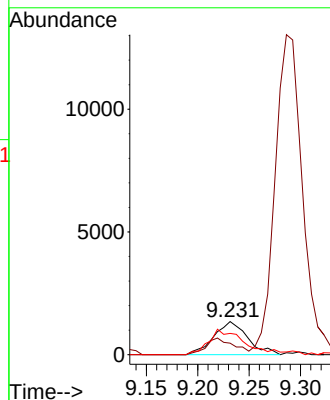
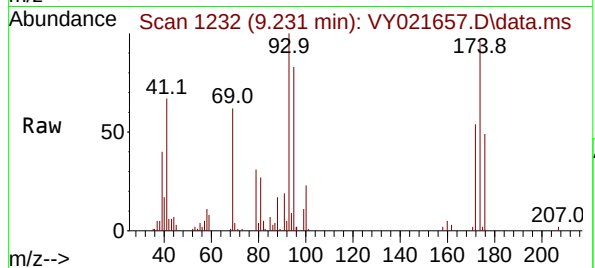
VSTDIC010

Tgt Ion:	88	Resp:	307
Ion	Ratio	Lower	Upper
88	100		
43	41.4	28.8	43.2
58	85.0	59.4	89.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#50

Toluene-d8

Concen: 10.051 ug/l

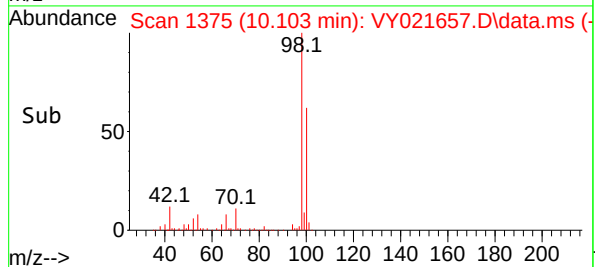
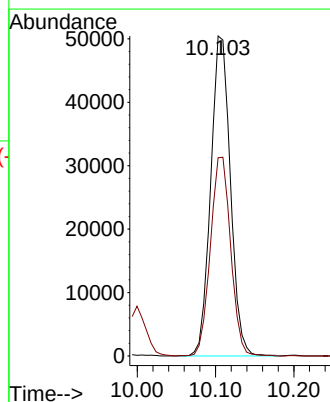
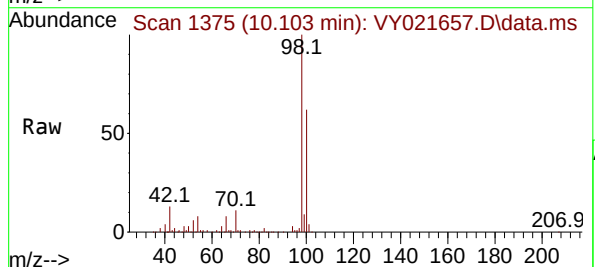
RT: 10.103 min Scan# 1375

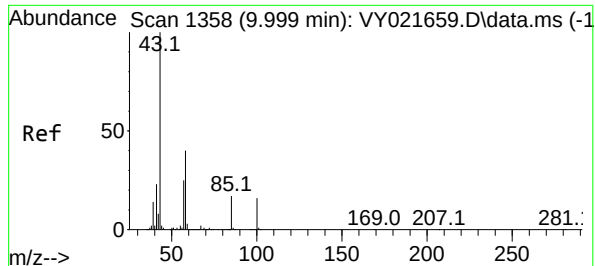
Delta R.T. -0.006 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Tgt Ion:	98	Resp:	88000
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.1	78.1





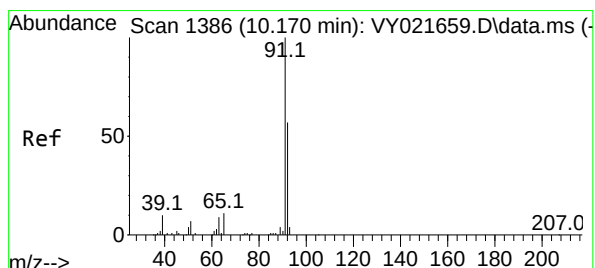
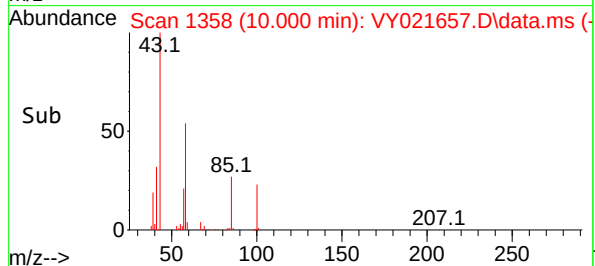
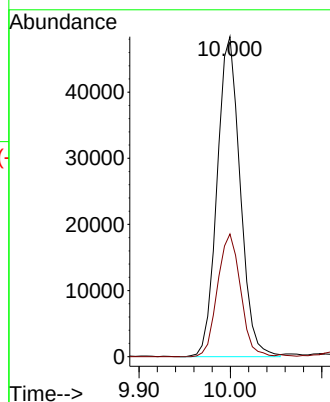
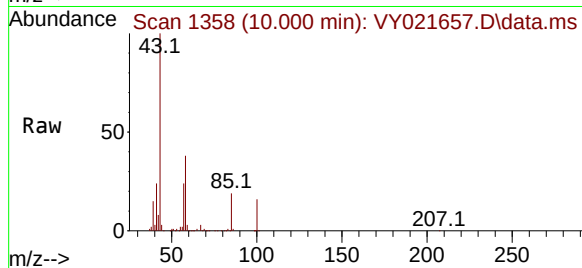
#51
4-Methyl-2-Pentanone
Concen: 52.111 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 85020
Ion Ratio Lower Upper
43 100
58 38.2 31.5 47.3

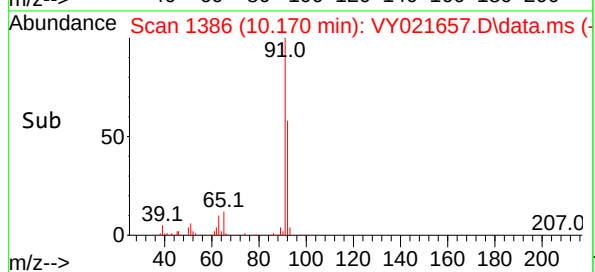
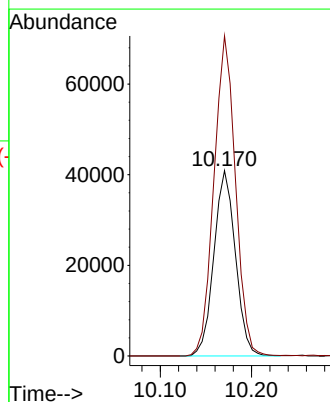
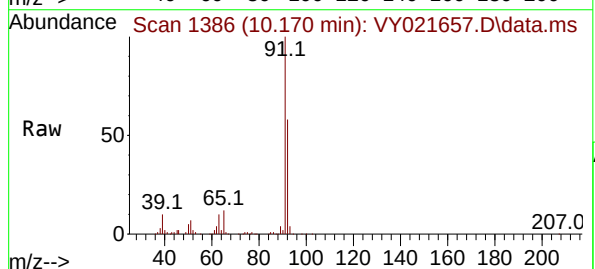
Manual Integrations
APPROVED

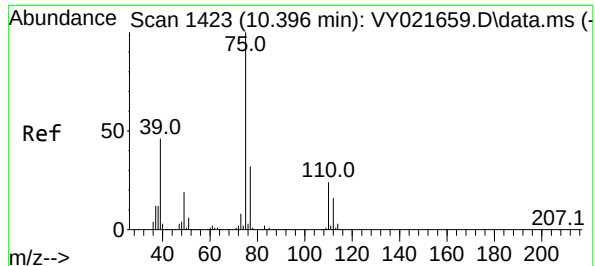
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 10.212 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

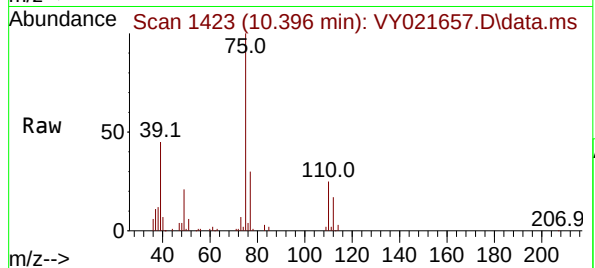
Tgt Ion: 92 Resp: 66889
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 10.120 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

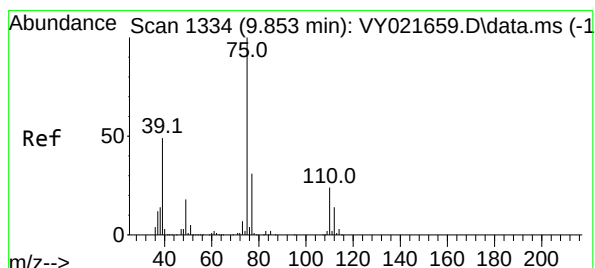
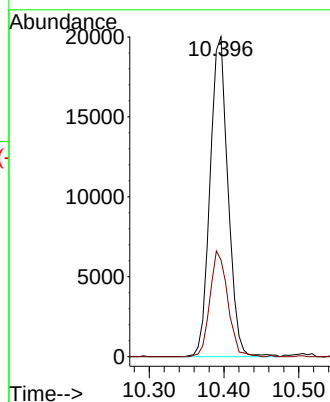
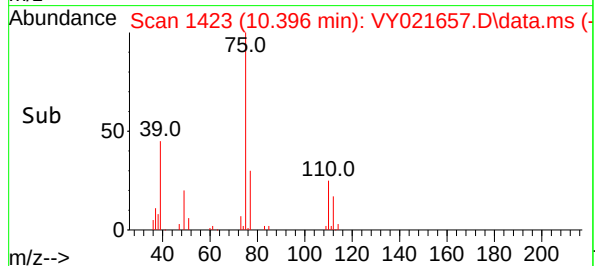
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 33350
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9

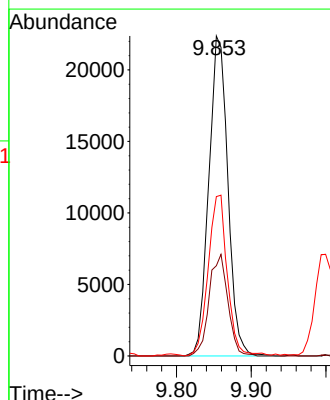
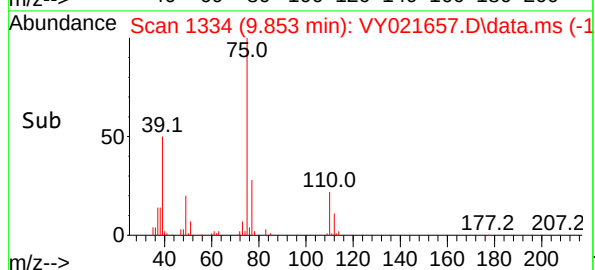
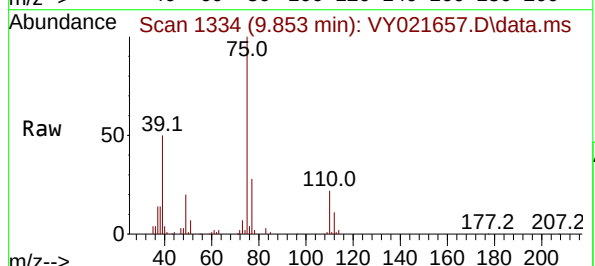
Manual Integrations
APPROVED

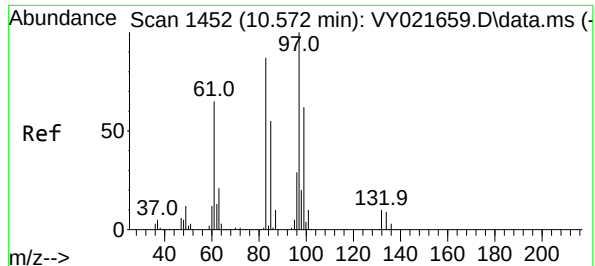
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#54
cis-1,3-Dichloropropene
Concen: 10.186 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

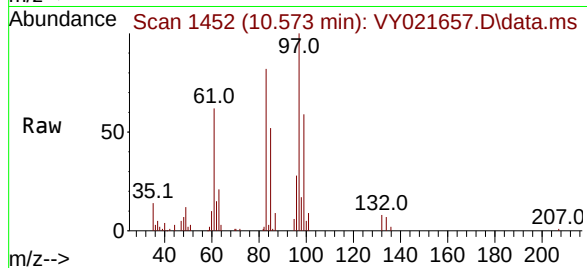
Tgt Ion: 75 Resp: 39609
Ion Ratio Lower Upper
75 100
77 28.2 24.9 37.3
39 49.6 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 10.879 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

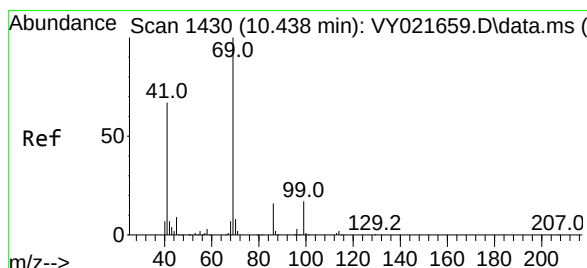
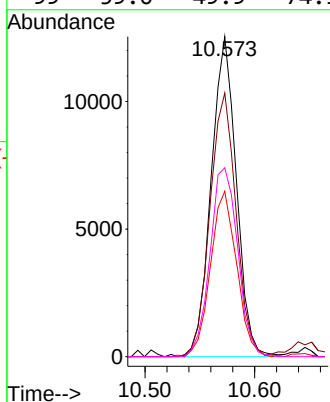
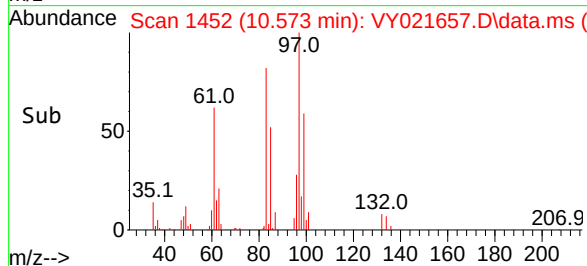
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	69.5	104.3
85	51.3	43.9	65.9
99	59.0	49.9	74.9

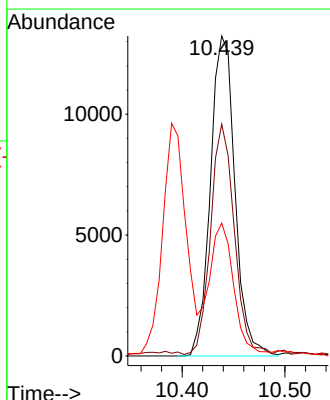
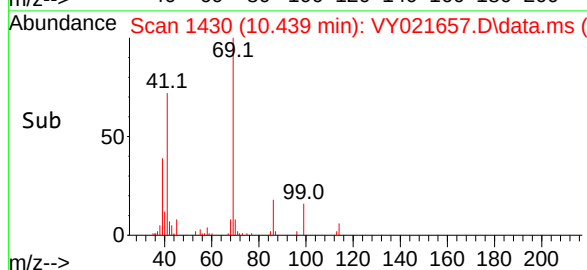
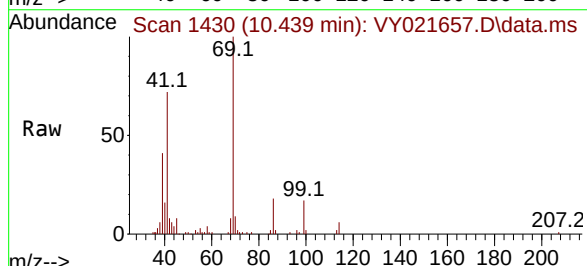
Manual Integrations
APPROVED

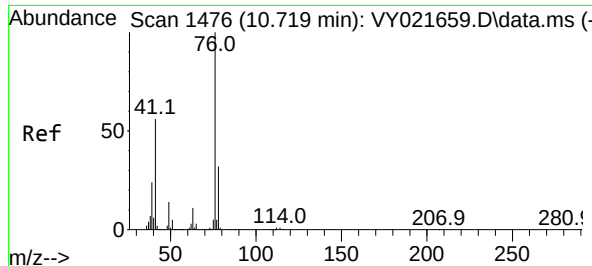
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#56
Ethyl methacrylate
Concen: 9.307 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

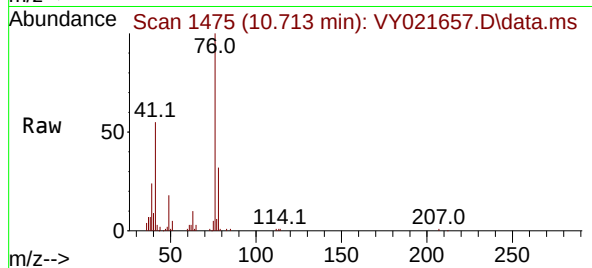
Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.1	53.8	80.6
39	40.2	29.6	44.4





#57
1,3-Dichloropropane
Concen: 10.467 ug/l
RT: 10.713 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

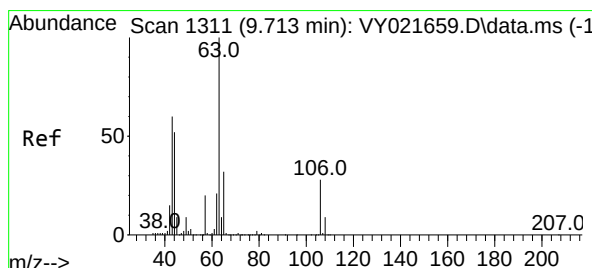
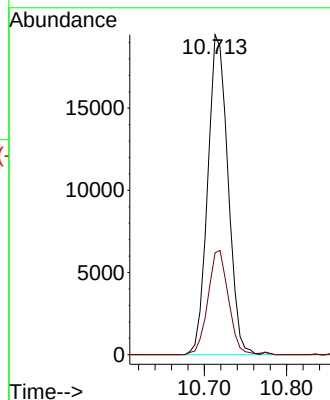
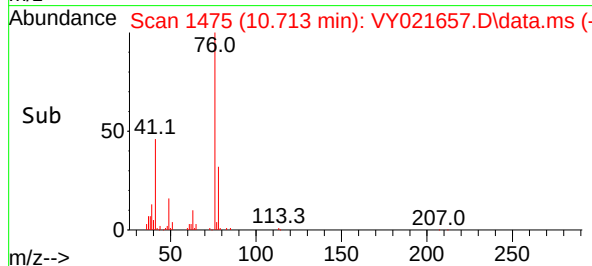
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 33310
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.8

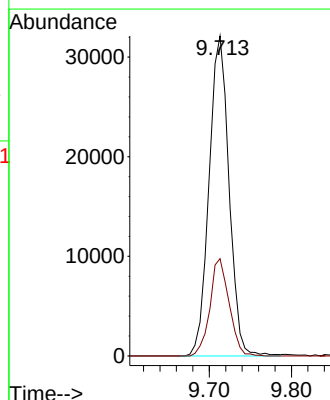
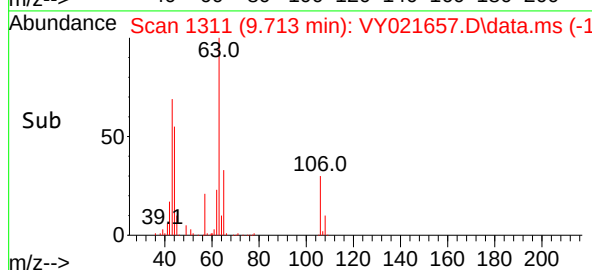
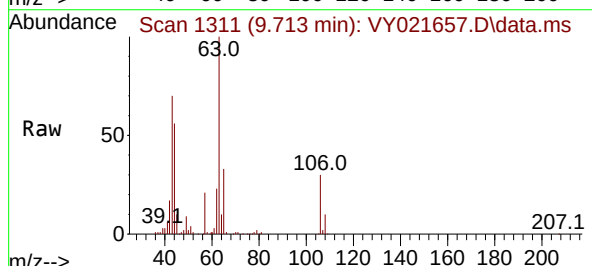
Manual Integrations
APPROVED

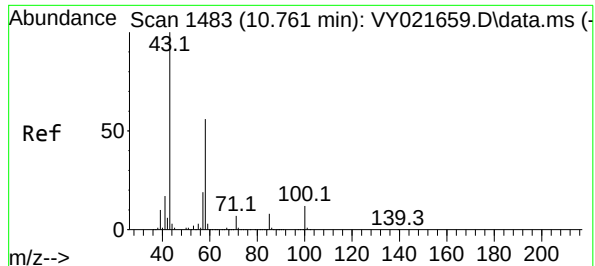
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 47.274 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 63 Resp: 54271
Ion Ratio Lower Upper
63 100
106 29.2 22.4 33.6





#59

2-Hexanone

Concen: 50.295 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 54649

Ion Ratio Lower Upper

43 100

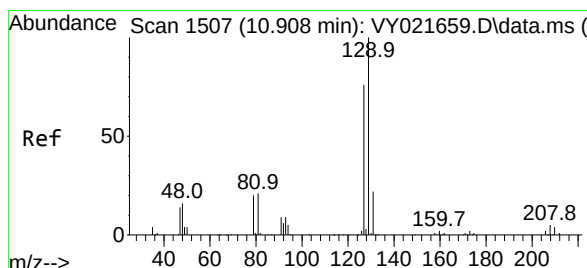
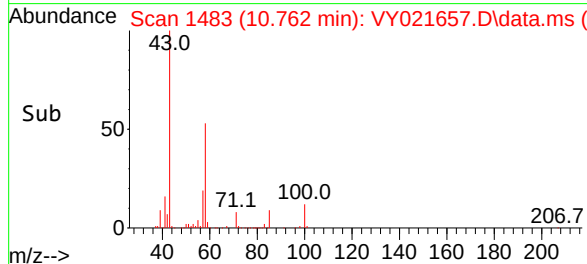
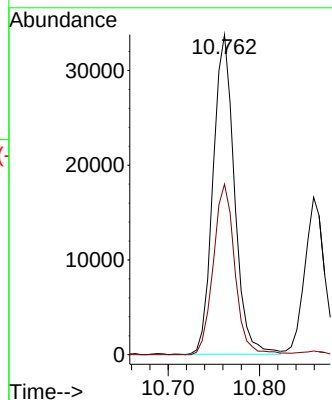
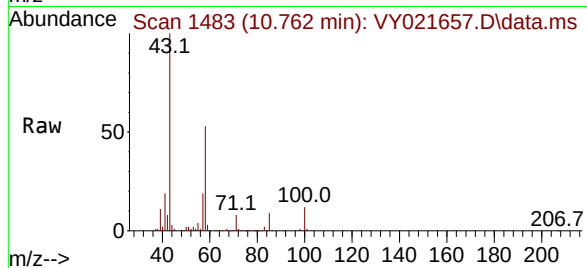
58 54.0 27.2 81.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#60

Dibromochloromethane

Concen: 10.346 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY021657.D

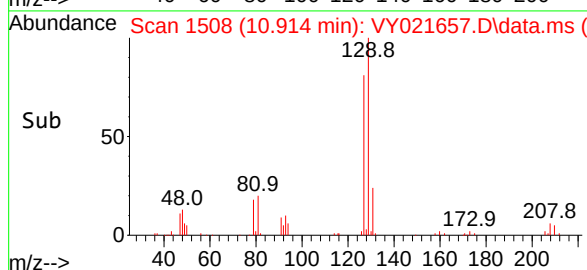
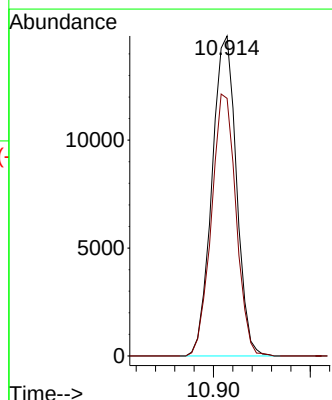
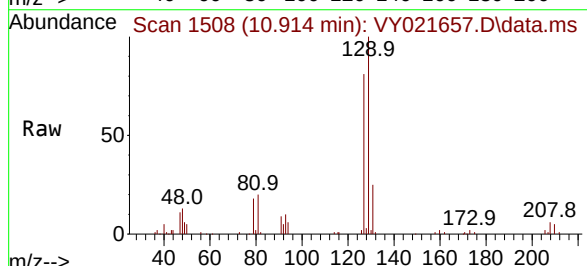
Acq: 27 Mar 2025 10:31

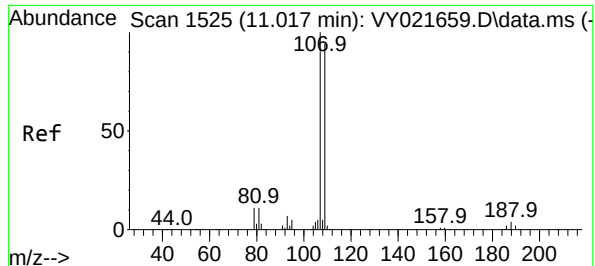
Tgt Ion:129 Resp: 26032

Ion Ratio Lower Upper

129 100

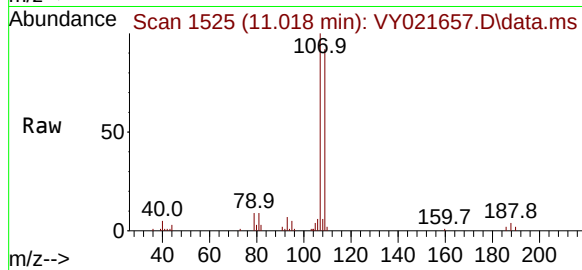
127 82.2 38.6 115.7





#61
1,2-Dibromoethane
Concen: 10.251 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

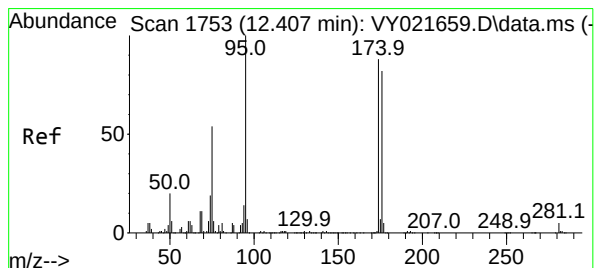
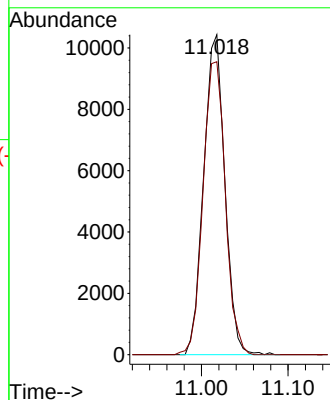
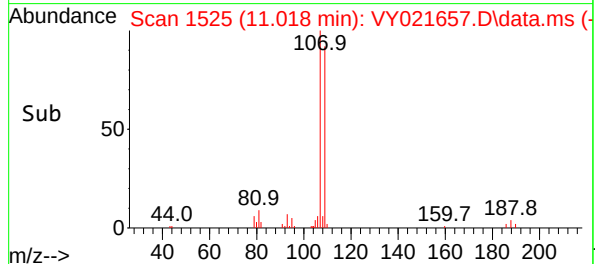
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:107 Resp: 1772
Ion Ratio Lower Upper
107 100
109 96.3 74.4 111.6

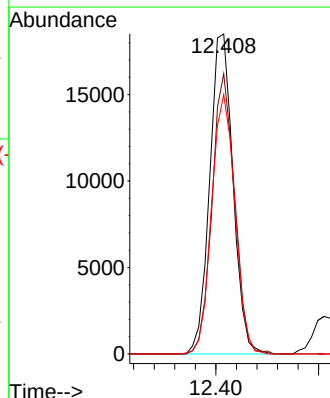
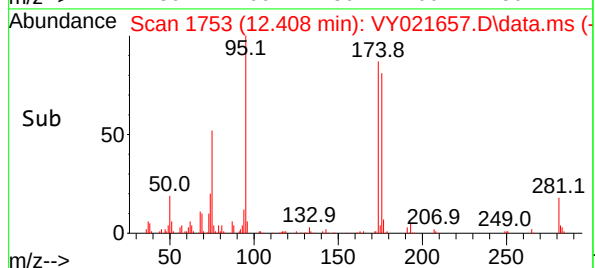
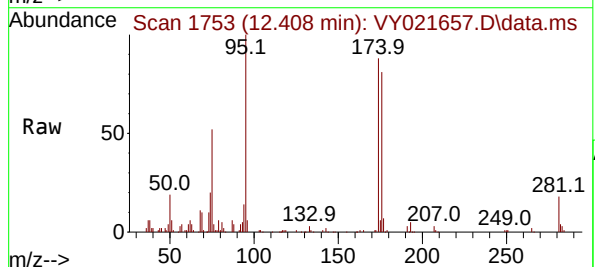
Manual Integrations
APPROVED

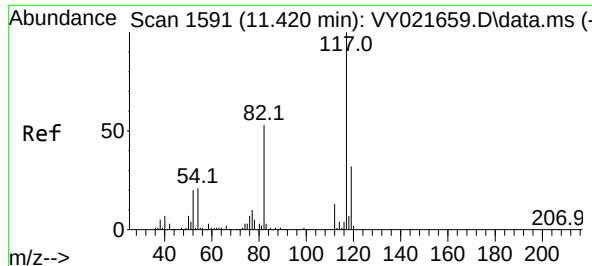
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 9.835 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

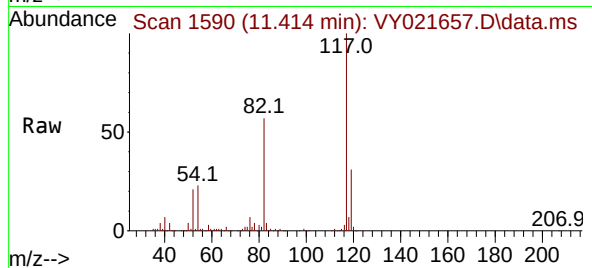
Tgt Ion: 95 Resp: 29125
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.8
176 81.1 0.0 162.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

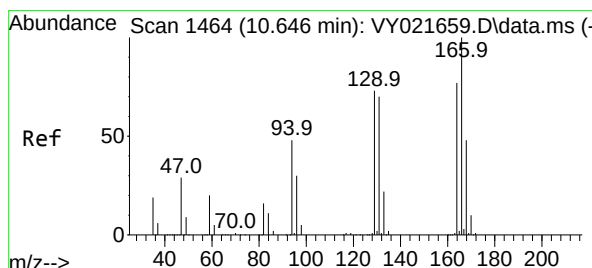
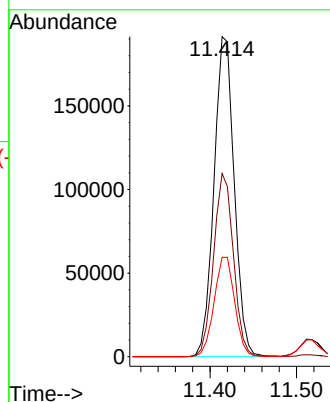
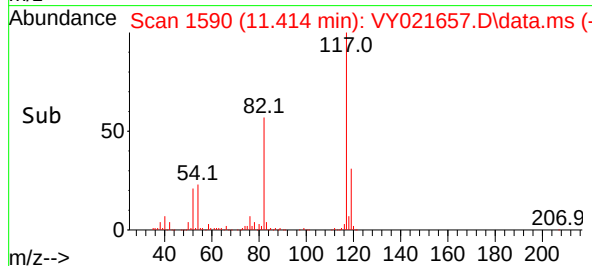
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:117 Resp: 31173
Ion Ratio Lower Upper
117 100
82 57.2 42.8 64.2
119 31.0 25.7 38.5

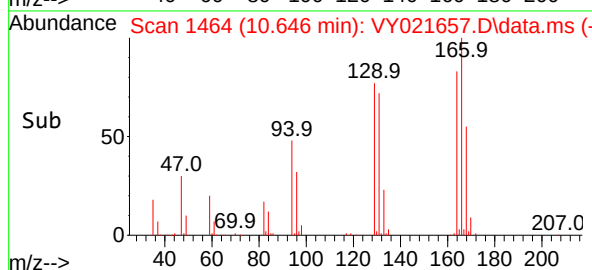
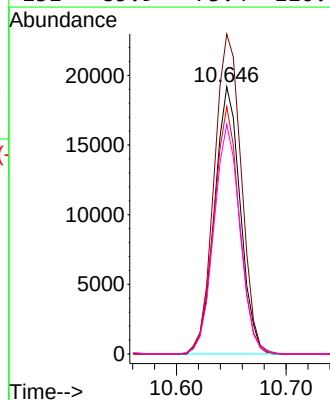
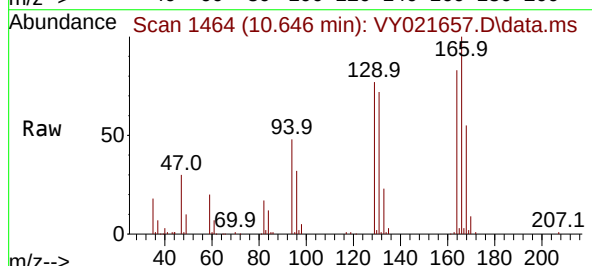
Manual Integrations
APPROVED

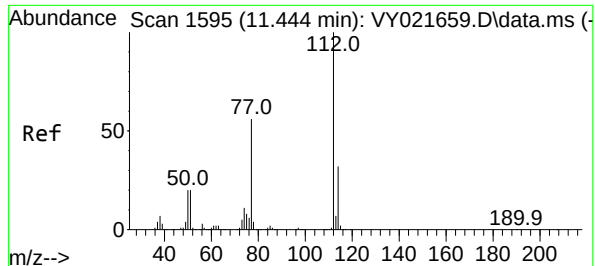
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#64
Tetrachloroethene
Concen: 11.036 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion:164 Resp: 31334
Ion Ratio Lower Upper
164 100
166 119.8 104.6 156.8
129 92.6 76.6 114.8
131 85.9 73.4 110.0





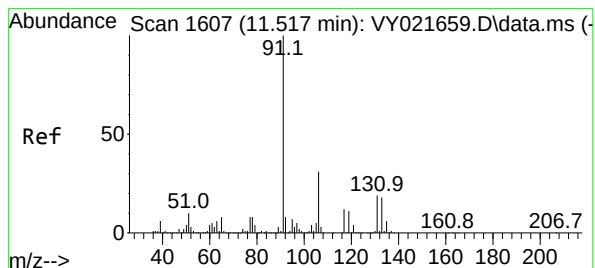
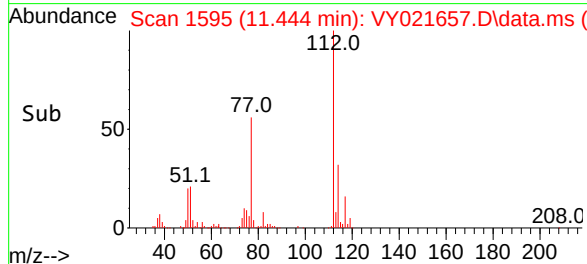
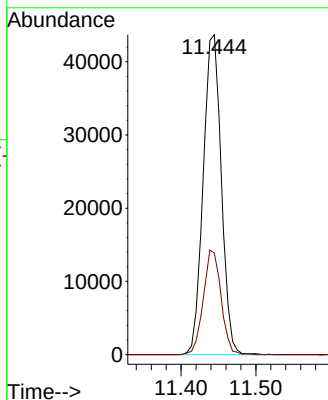
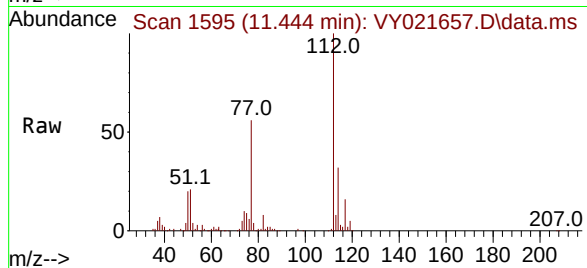
#65
Chlorobenzene
Concen: 10.276 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 7343
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9

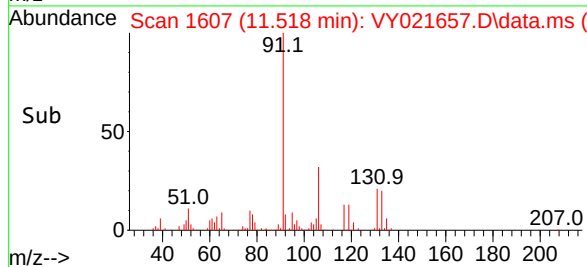
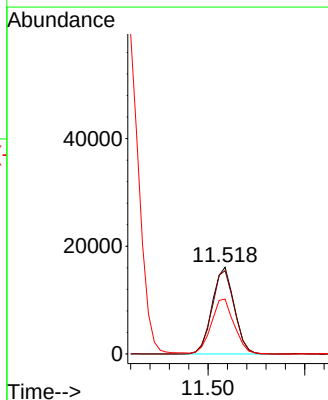
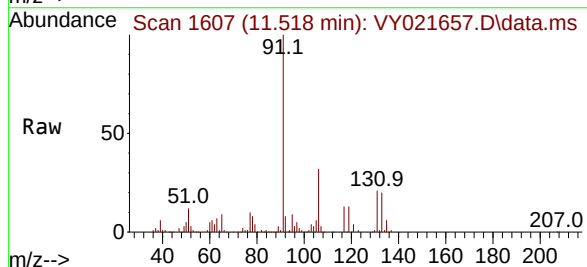
Manual Integrations
APPROVED

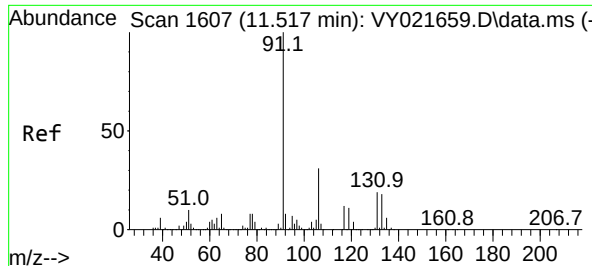
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 10.060 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion:131 Resp: 25506
Ion Ratio Lower Upper
131 100
133 97.1 47.3 141.8
119 65.9 31.6 95.0





#67

Ethyl Benzene

Concen: 9.750 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 119480

Ion Ratio Lower Upper

91 100

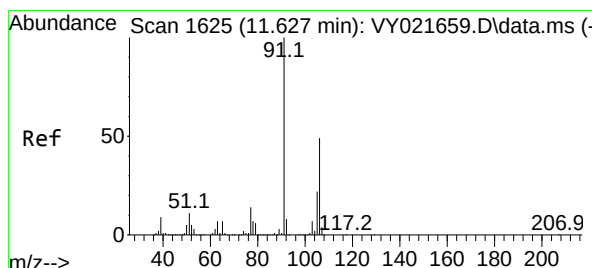
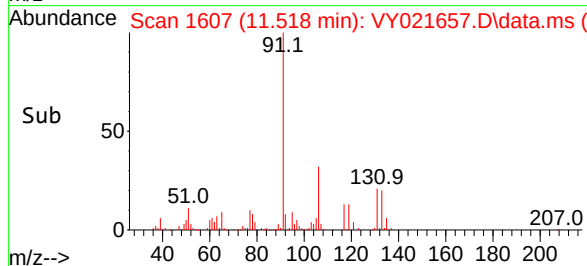
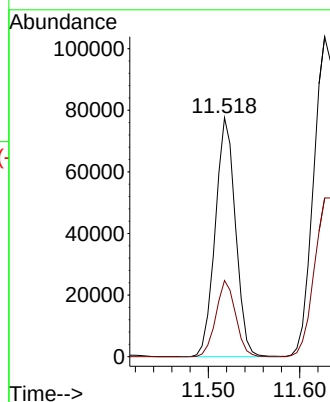
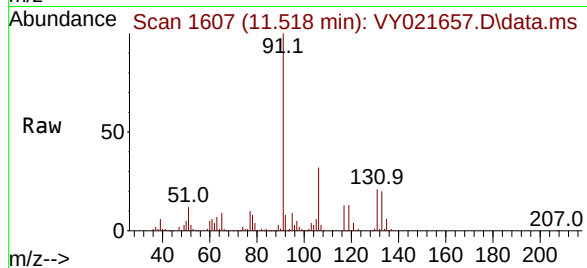
106 31.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#68

m/p-Xylenes

Concen: 20.009 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021657.D

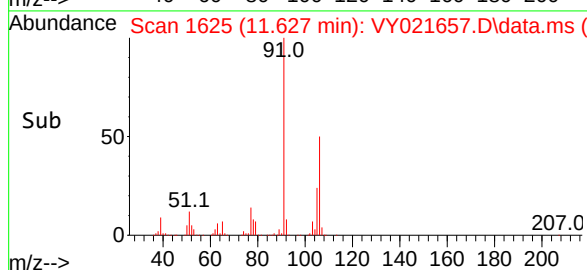
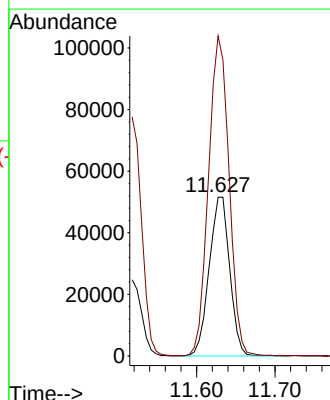
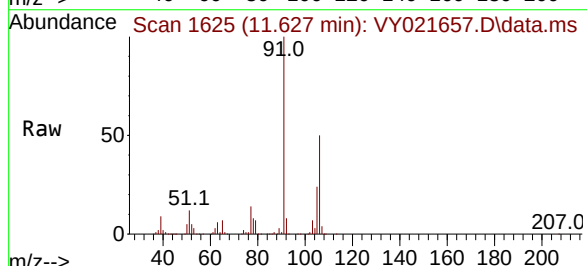
Acq: 27 Mar 2025 10:31

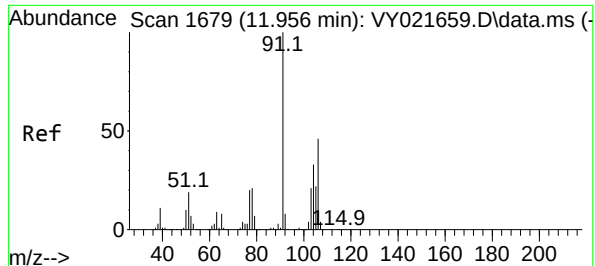
Tgt Ion:106 Resp: 93887

Ion Ratio Lower Upper

106 100

91 201.5 162.4 243.6





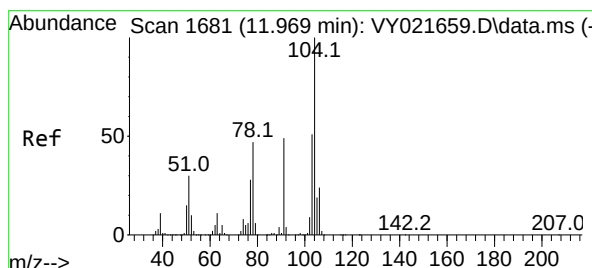
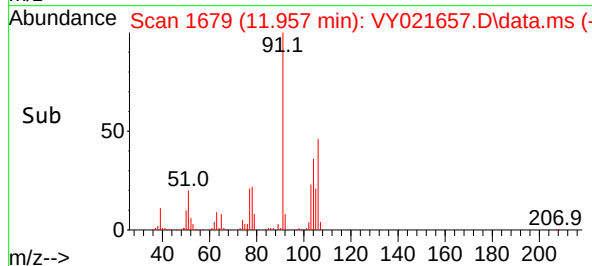
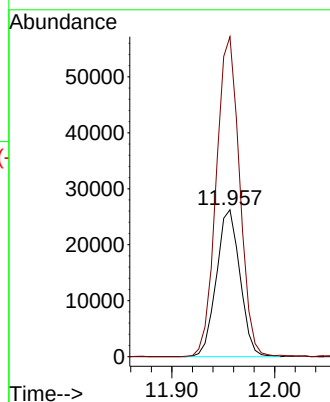
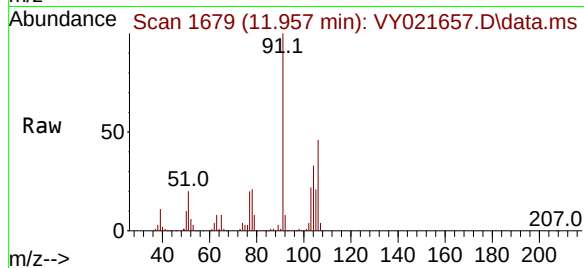
#69
o-Xylene
Concen: 9.643 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 41768
Ion Ratio Lower Upper
106 100
91 216.6 106.7 319.9

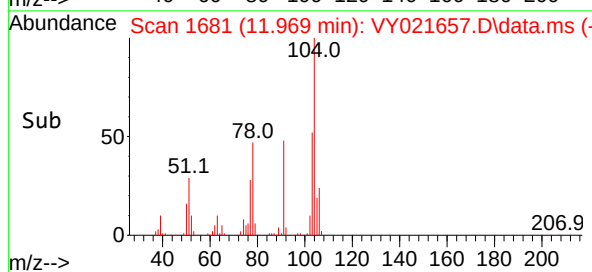
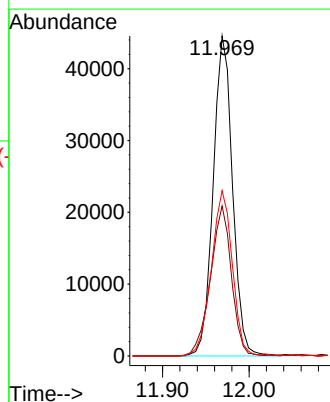
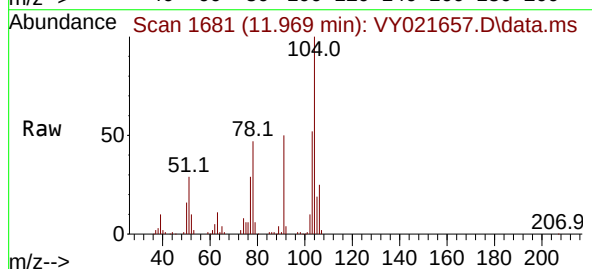
Manual Integrations
APPROVED

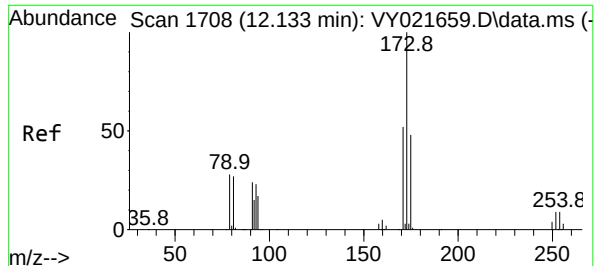
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 9.581 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

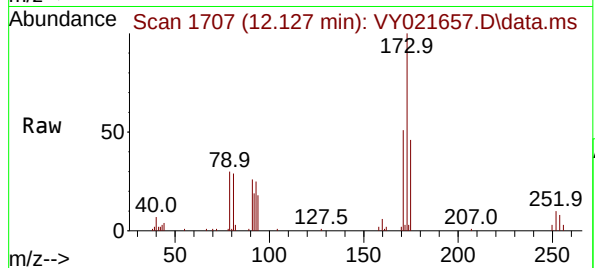
Tgt Ion:104 Resp: 69196
Ion Ratio Lower Upper
104 100
78 50.7 40.8 61.2
103 56.1 44.2 66.2





#71
Bromoform
Concen: 10.294 ug/l
RT: 12.127 min Scan# 1707
Delta R.T. -0.006 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

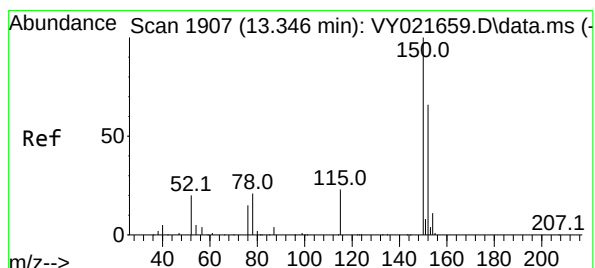
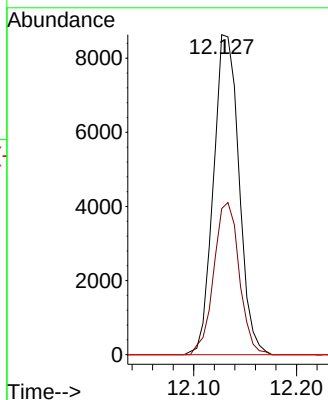
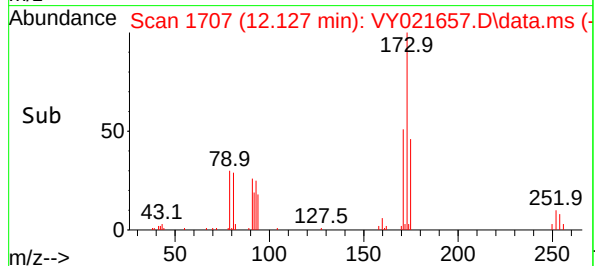
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



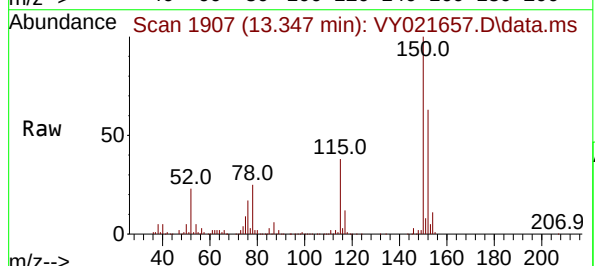
Tgt Ion:173 Resp: 1488
Ion Ratio Lower Upper
173 100
175 47.5 24.3 73.0
254 0.0 0.1 0.1

Manual Integrations
APPROVED

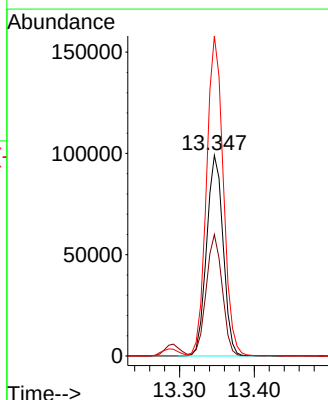
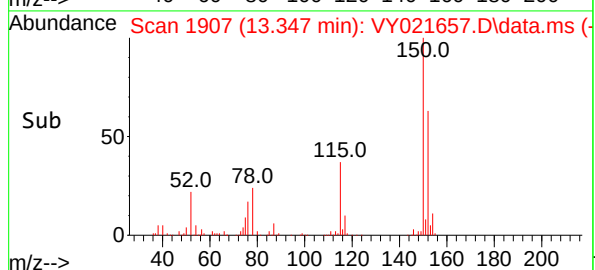
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

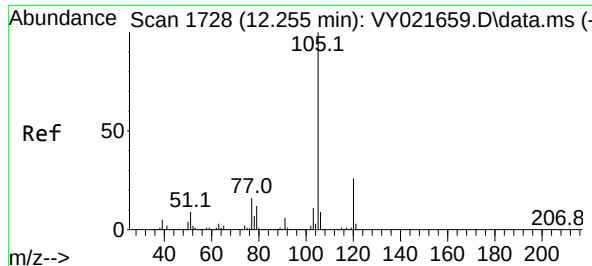


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31



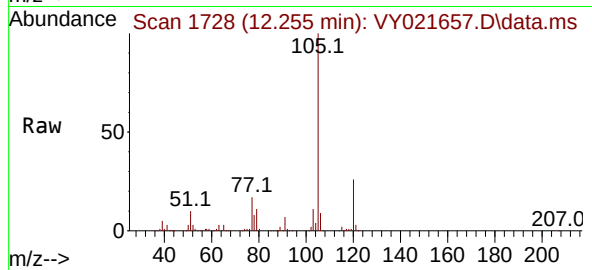
Tgt Ion:152 Resp: 152005
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 161.6 0.0 348.4





#73
Isopropylbenzene
Concen: 9.966 ug/l
RT: 12.255 min Scan# 11251
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

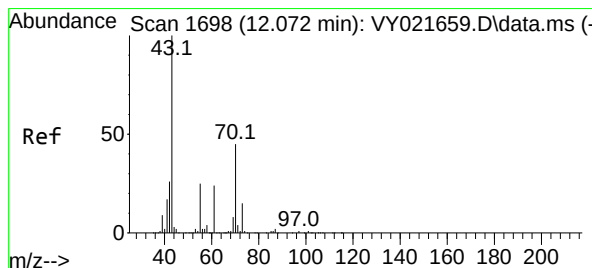
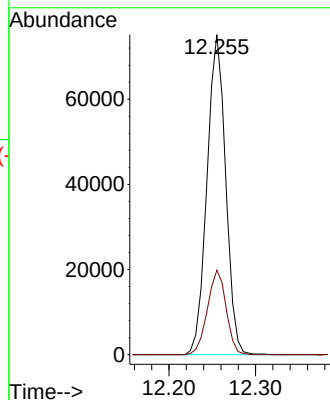
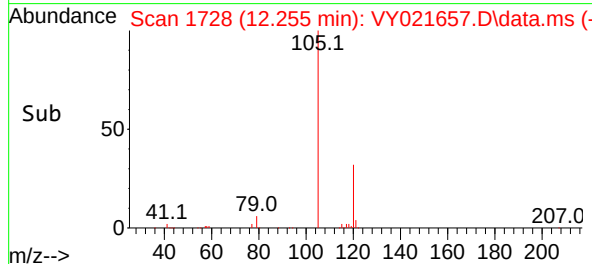
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:105 Resp: 11251
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

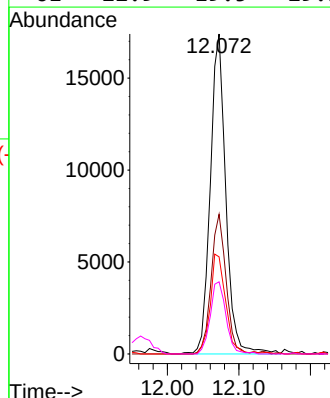
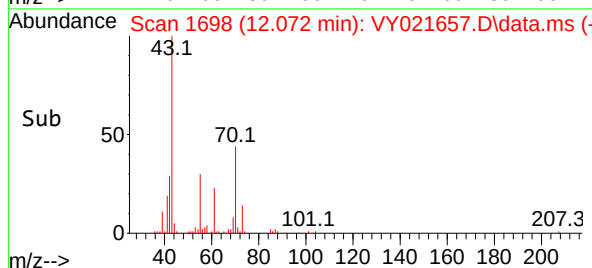
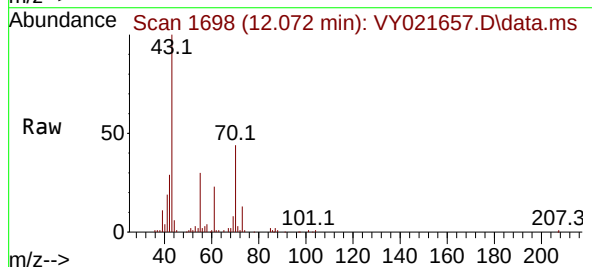
Manual Integrations
APPROVED

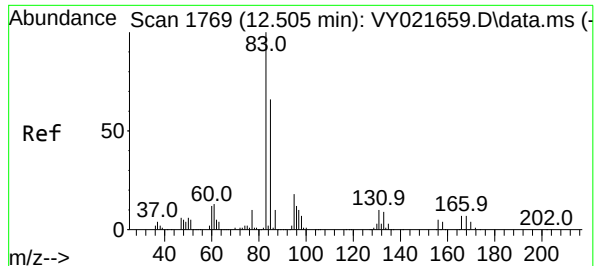
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#74
N-ethyl acetate
Concen: 9.910 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 43 Resp: 26259
Ion Ratio Lower Upper
43 100
70 41.9 34.7 52.1
55 30.8 21.2 31.8
61 22.9 19.5 29.3





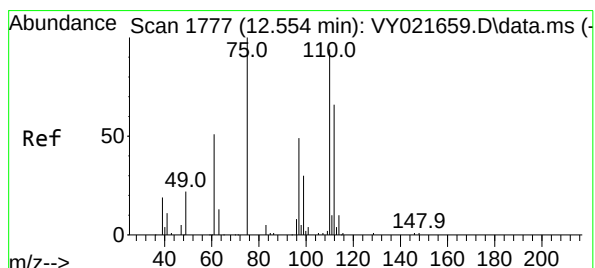
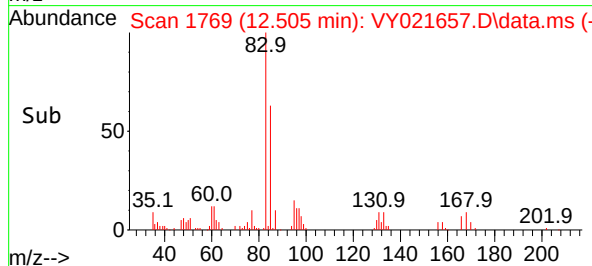
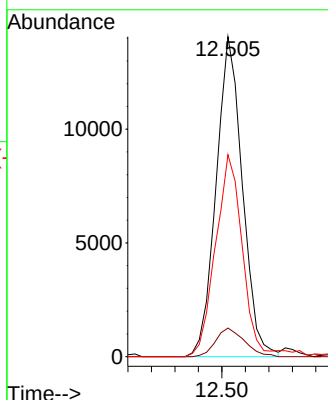
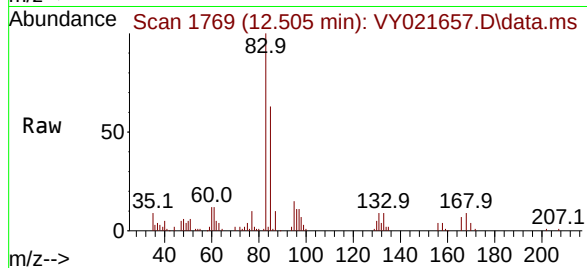
#75
1,1,2,2-Tetrachloroethane
Concen: 10.781 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 2188
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 65.8 32.3 96.8

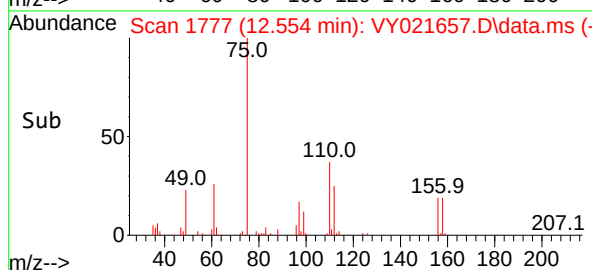
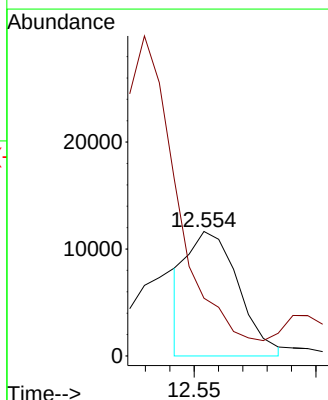
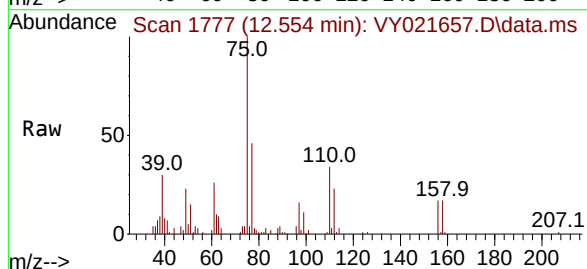
Manual Integrations
APPROVED

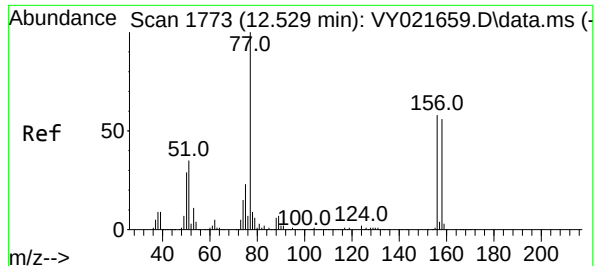
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#76
1,2,3-Trichloropropane
Concen: 11.300 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 75 Resp: 17026
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





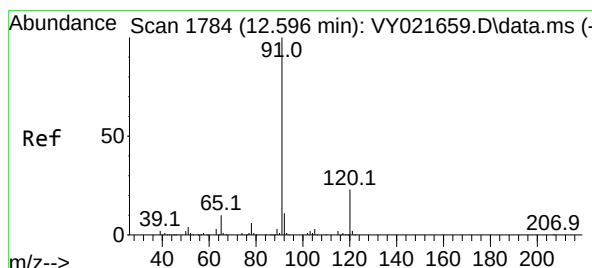
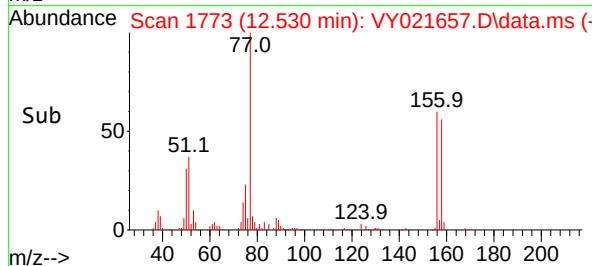
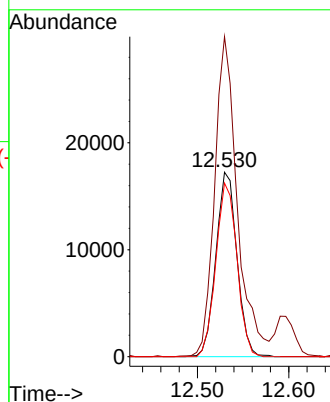
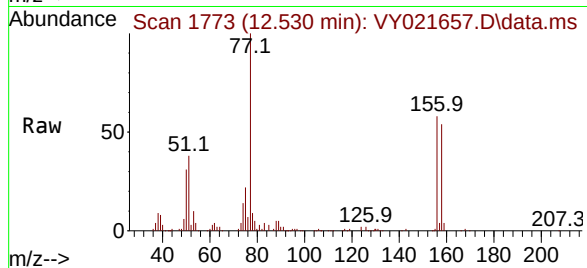
#77
Bromobenzene
Concen: 10.199 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 156 Resp: 27648
Ion Ratio Lower Upper
156 100
77 187.1 92.8 278.3
158 94.2 48.5 145.6

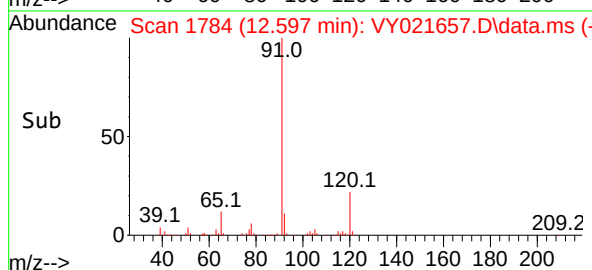
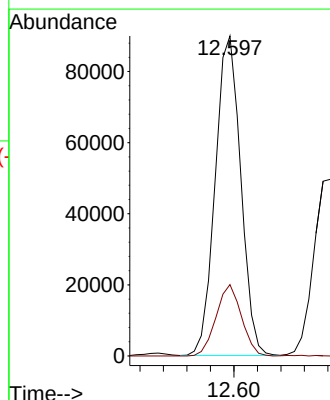
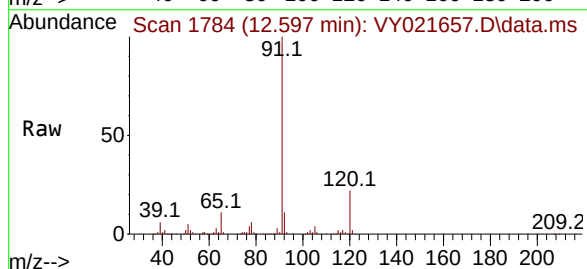
Manual Integrations
APPROVED

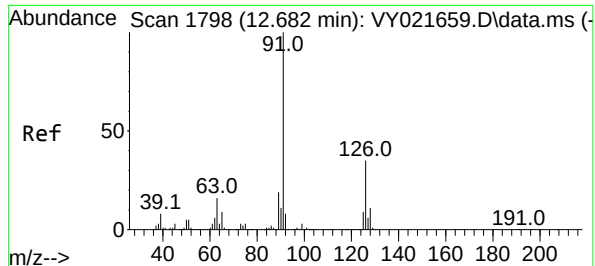
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#78
n-propylbenzene
Concen: 9.983 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 91 Resp: 135498
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.9





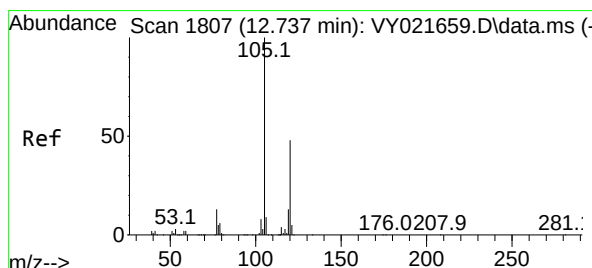
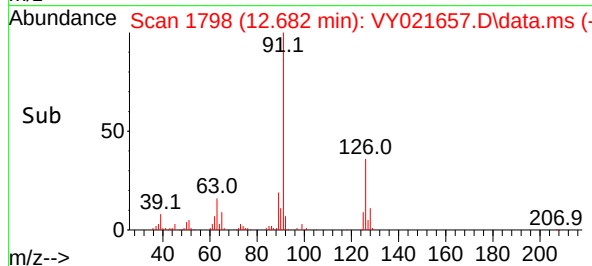
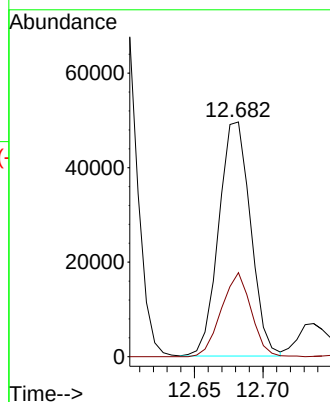
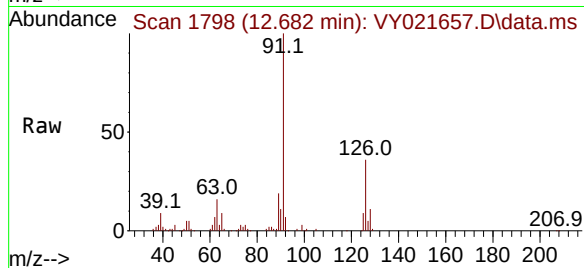
#79
2-Chlorotoluene
Concen: 10.158 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 80079
Ion Ratio Lower Upper
91 100
126 33.6 17.3 52.0

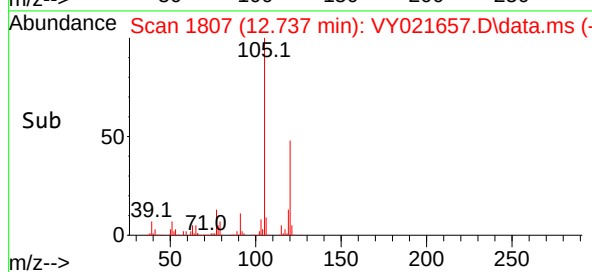
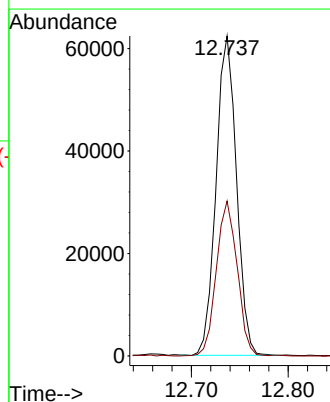
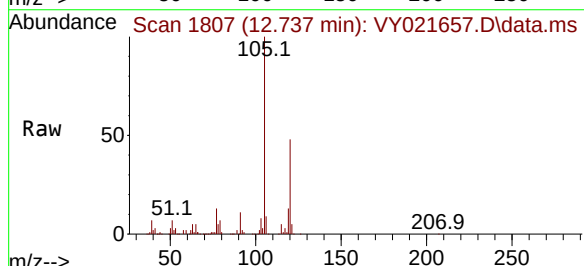
Manual Integrations
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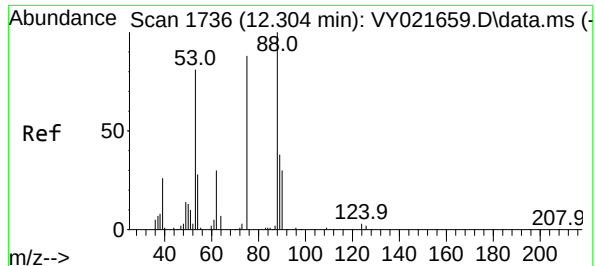
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 9.888 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

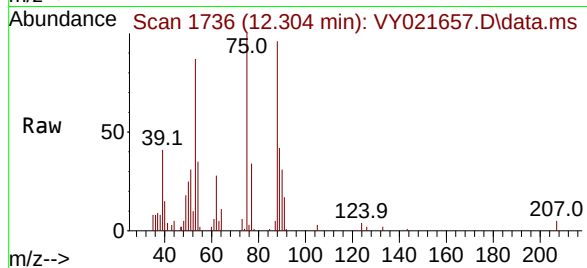
Tgt Ion:105 Resp: 91235
Ion Ratio Lower Upper
105 100
120 49.6 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 10.550 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

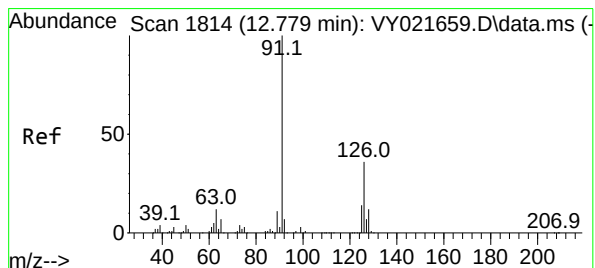
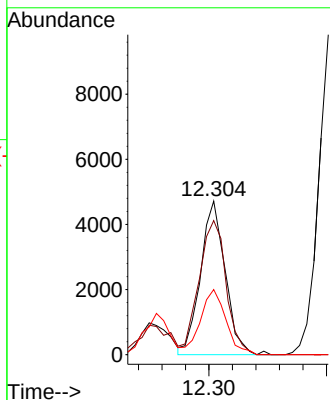
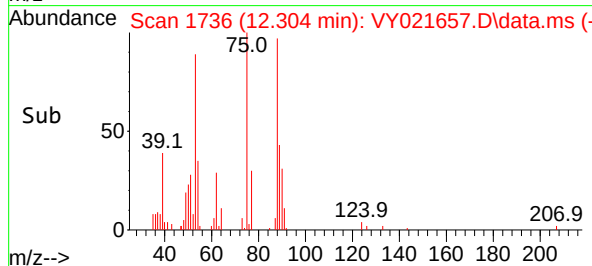
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 689
Ion Ratio Lower Upper
75 100
53 95.8 76.1 114.1
89 44.2 36.2 54.4

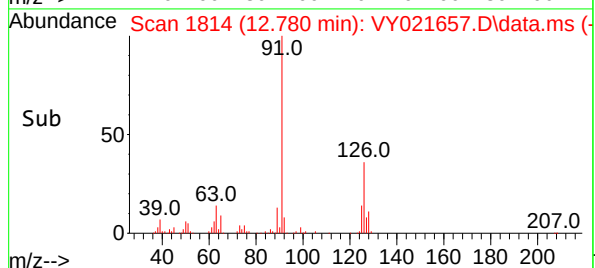
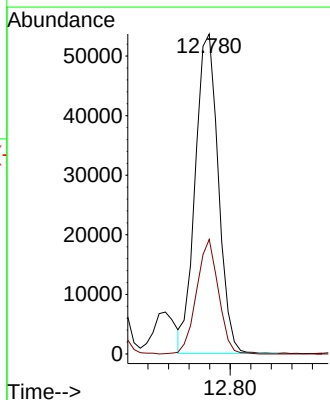
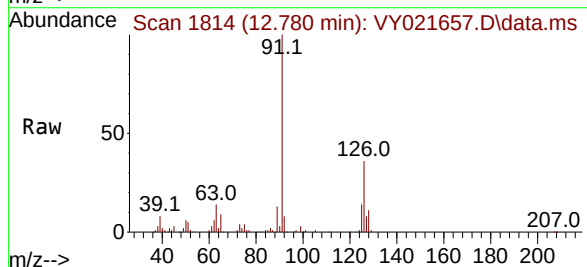
Manual Integrations
APPROVED

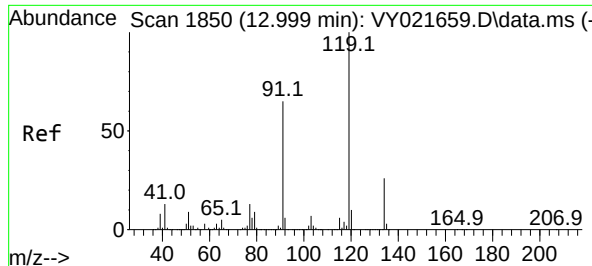
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#82
4-Chlorotoluene
Concen: 10.157 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

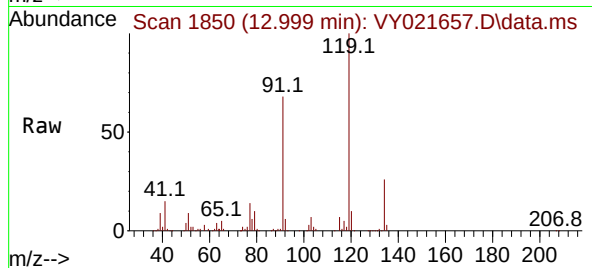
Tgt Ion: 91 Resp: 83484
Ion Ratio Lower Upper
91 100
126 34.1 17.0 50.9





#83
tert-Butylbenzene
Concen: 9.892 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

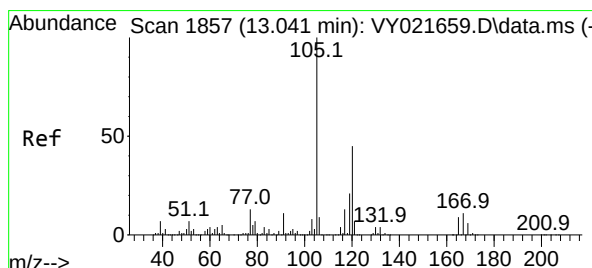
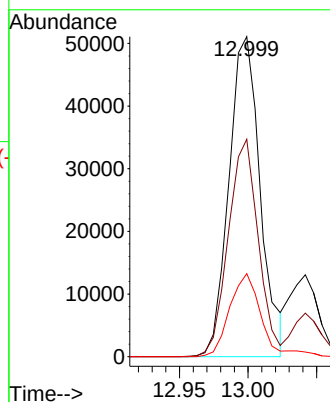
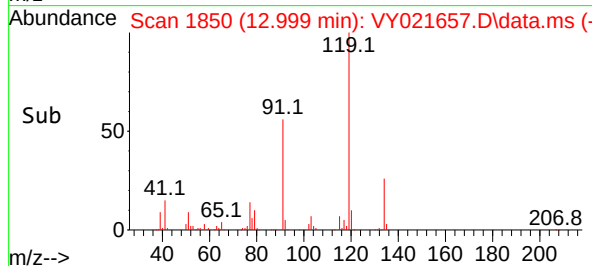
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:119 Resp: 81290
Ion Ratio Lower Upper
119 100
91 65.1 32.6 97.7
134 26.2 13.2 39.6

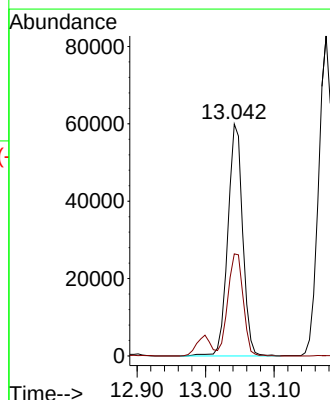
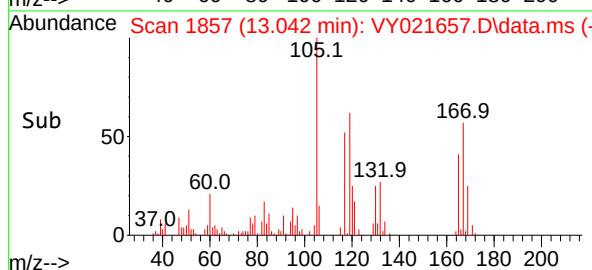
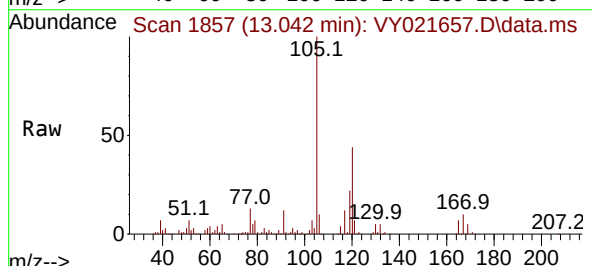
Manual Integrations
APPROVED

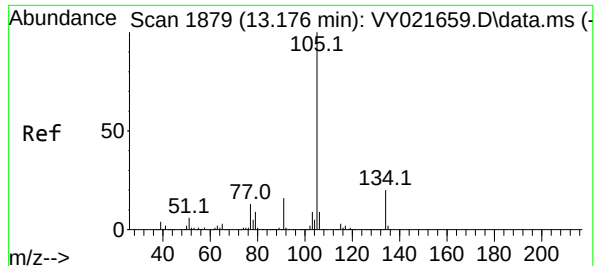
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 9.884 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion:105 Resp: 90142
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 10.122 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:105 Resp: 121579

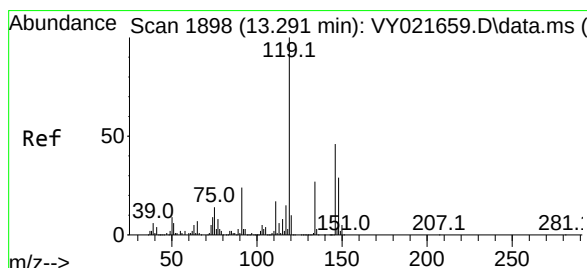
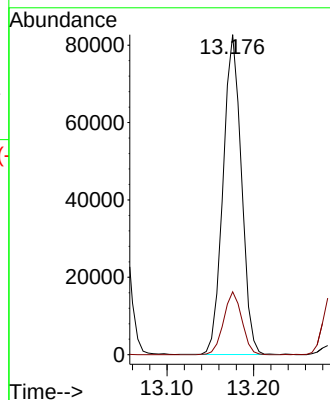
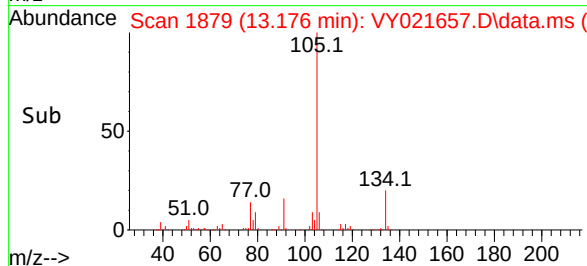
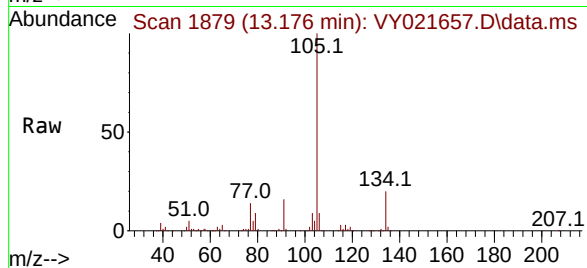
Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#86

p-Isopropyltoluene

Concen: 9.781 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

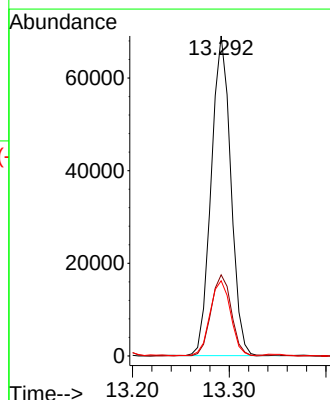
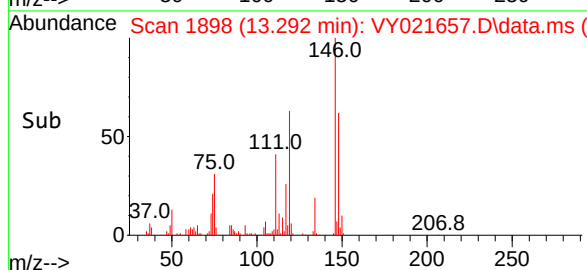
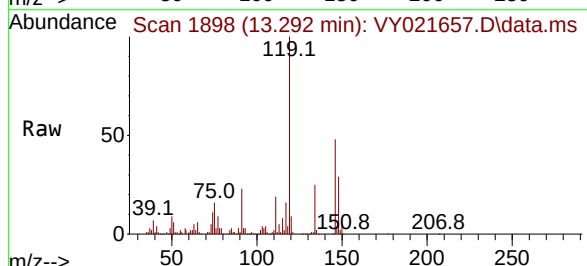
Tgt Ion:119 Resp: 97092

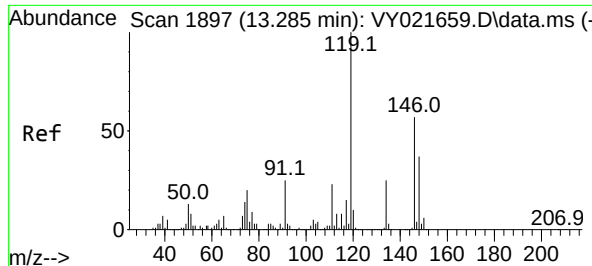
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

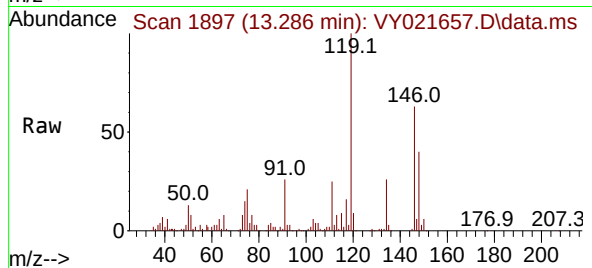
91 24.6 12.0 36.0





#87
1,3-Dichlorobenzene
Concen: 10.098 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

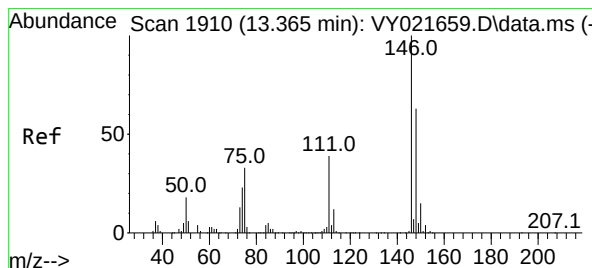
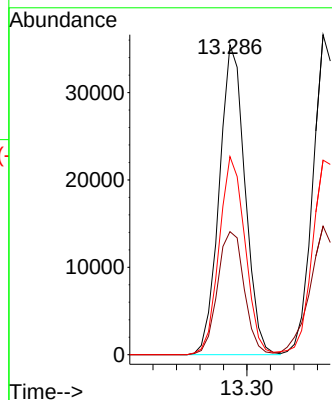
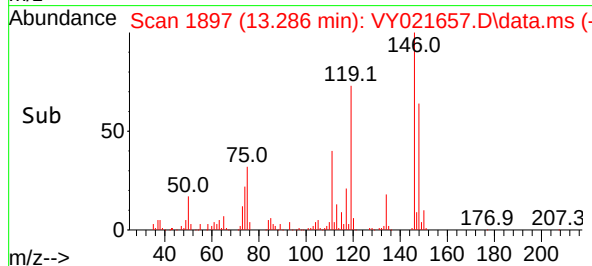
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:146 Resp: 53929
Ion Ratio Lower Upper
146 100
111 41.3 20.0 60.0
148 64.4 31.8 95.4

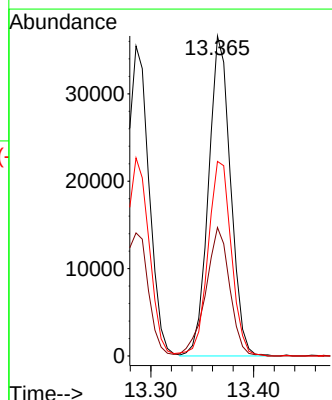
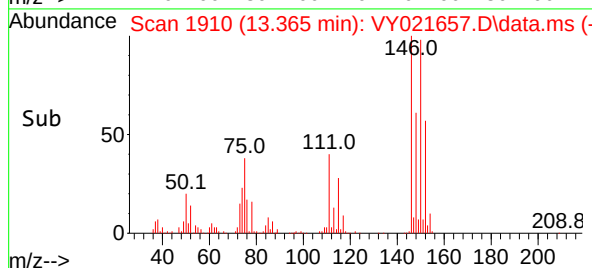
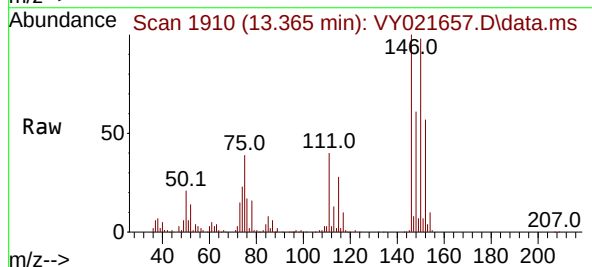
Manual Integrations
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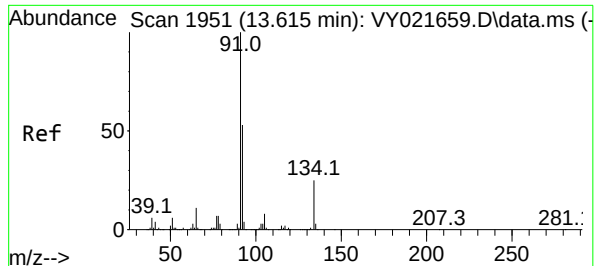
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#88
1,4-Dichlorobenzene
Concen: 10.336 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion:146 Resp: 54536
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.1
148 64.4 31.5 94.5





#89

n-Butylbenzene

Concen: 9.712 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

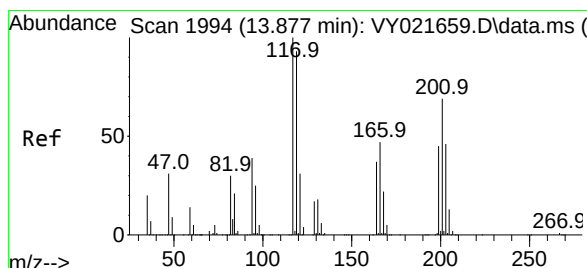
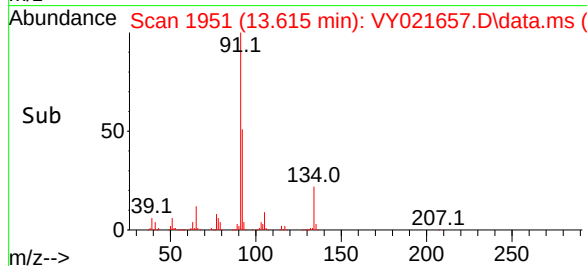
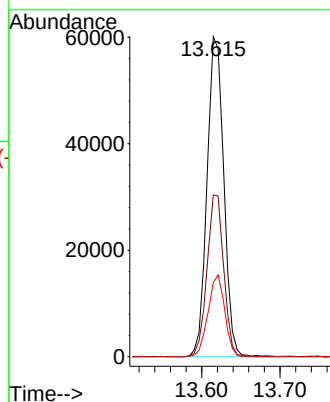
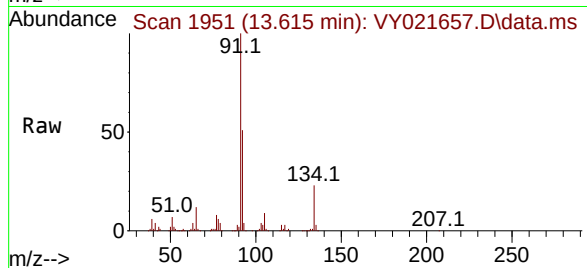
VSTDIC010

Tgt Ion: 91	Resp: 8916
Ion Ratio	Lower Upper
91 100	
92 50.3	26.4 79.2
134 25.4	12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#90

Hexachloroethane

Concen: 10.059 ug/l

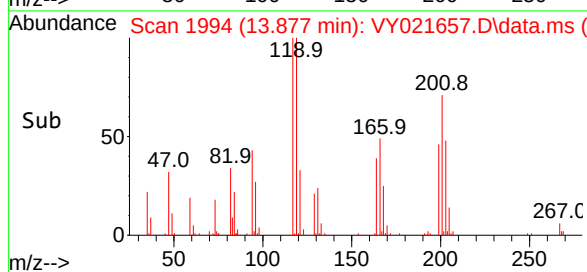
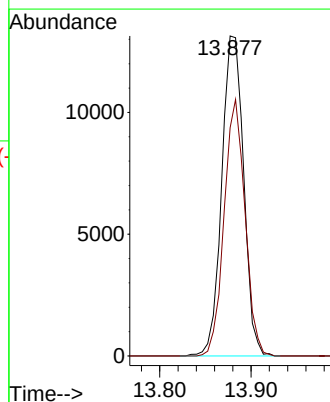
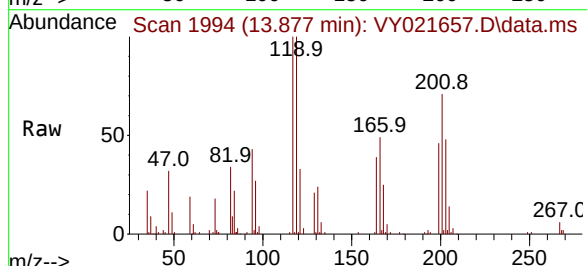
RT: 13.877 min Scan# 1994

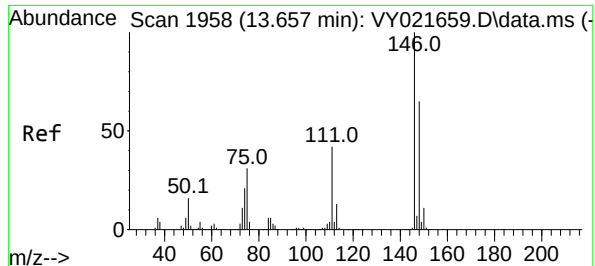
Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Tgt Ion: 117	Resp: 21881
Ion Ratio	Lower Upper
117 100	
201 76.5	37.4 112.1





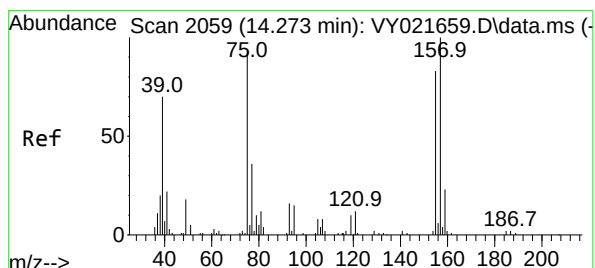
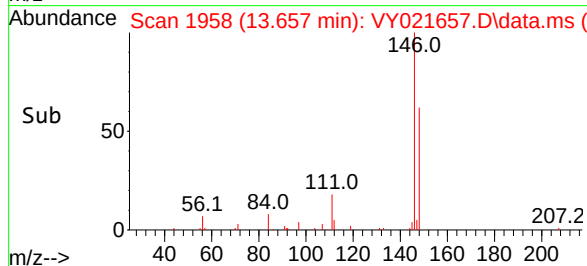
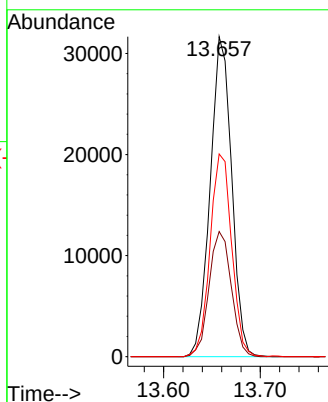
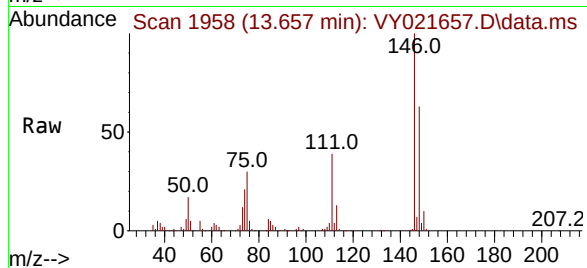
#91
1,2-Dichlorobenzene
Concen: 10.506 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 4884
Ion Ratio Lower Upper
146 100
111 40.6 20.7 62.1
148 63.8 32.3 96.9

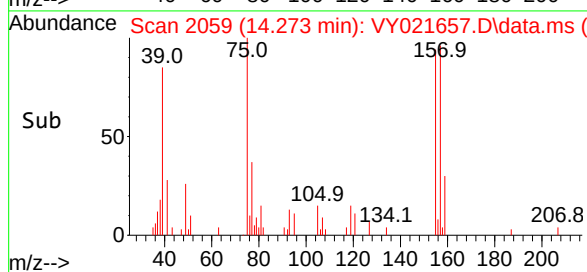
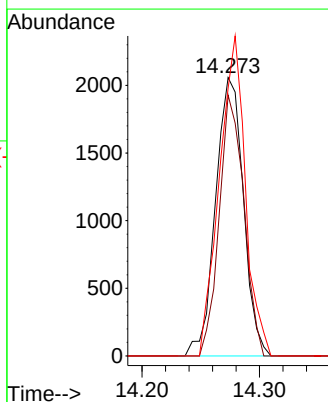
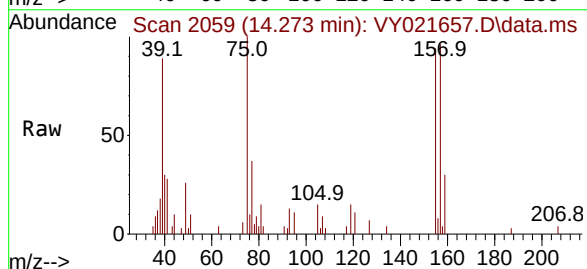
Manual Integrations
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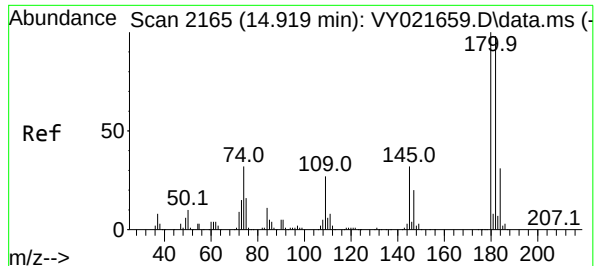
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.766 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021657.D
Acq: 27 Mar 2025 10:31

Tgt Ion: 75 Resp: 3387
Ion Ratio Lower Upper
75 100
155 82.8 43.0 128.8
157 107.6 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 9.419 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:180 Resp: 2374

Ion Ratio Lower Upper

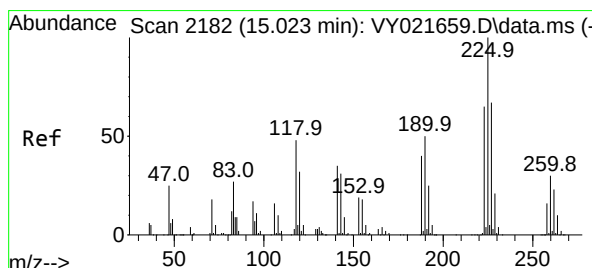
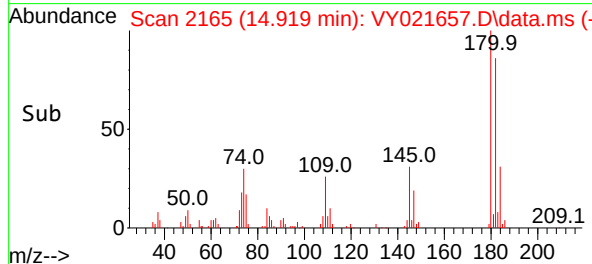
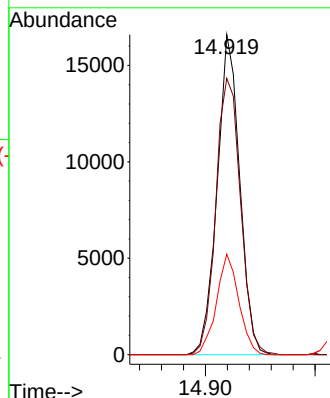
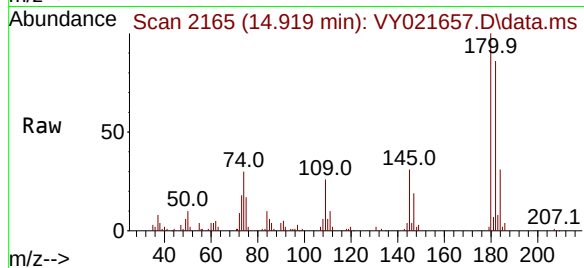
180 100

182 94.0 47.5 142.6

145 31.1 14.9 44.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#94

Hexachlorobutadiene

Concen: 10.063 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

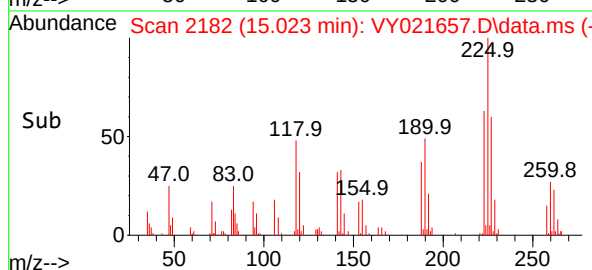
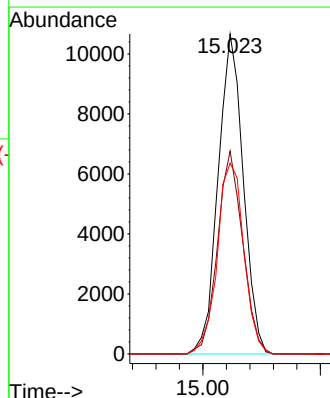
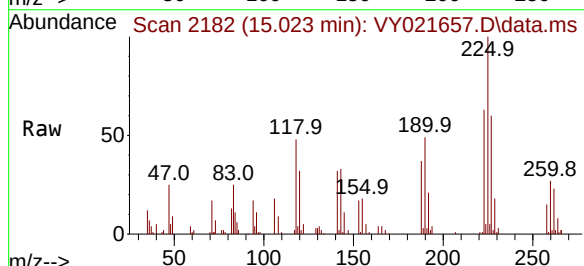
Tgt Ion:225 Resp: 15844

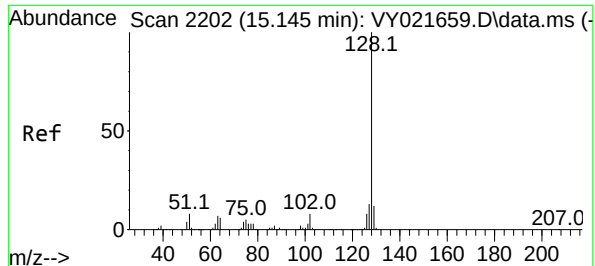
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.7

227 63.0 32.4 97.0





#95

Naphthalene

Concen: 8.785 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

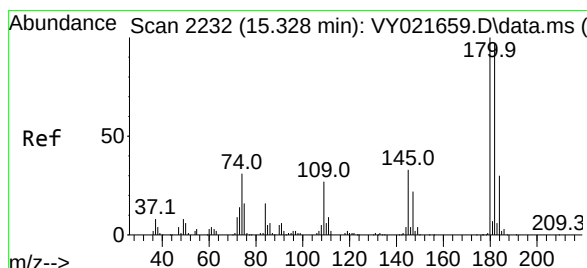
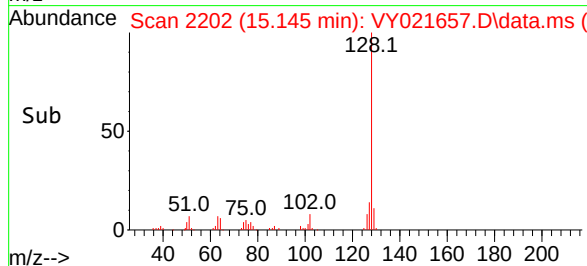
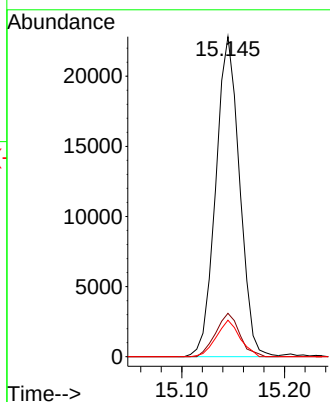
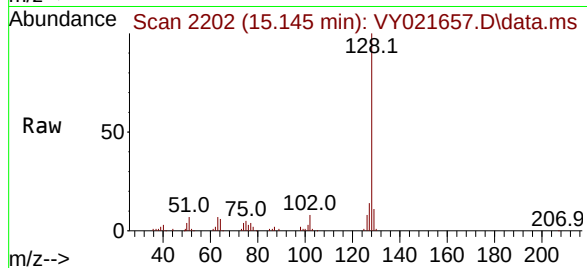
VSTDIC010

Tgt Ion:	128	Resp:	3671
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.8	16.2
129	11.3	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 9.633 ug/l

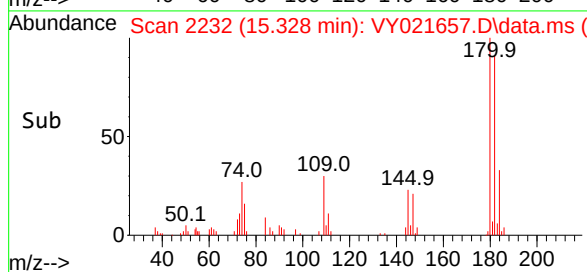
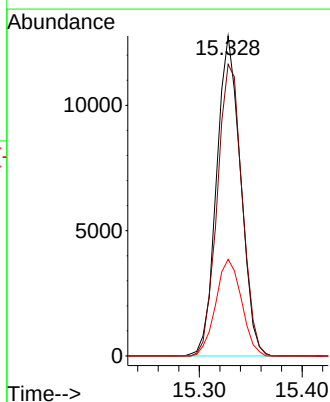
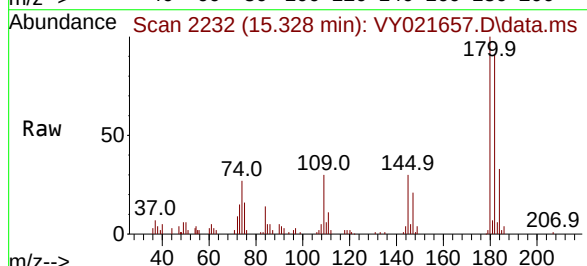
RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021657.D

Acq: 27 Mar 2025 10:31

Tgt Ion:	180	Resp:	20711
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.5	142.5
145	32.4	15.9	47.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021658.D
 Acq On : 27 Mar 2025 10:54
 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 :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:15:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	234060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	372865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	325153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	163591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	47022	18.542	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	37.080%#		
35) Dibromofluoromethane	7.634	113	43318	17.910	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	35.820%#		
50) Toluene-d8	10.109	98	168040	18.262	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	36.520%#		
62) 4-Bromofluorobenzene	12.408	95	56308	18.092	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	36.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	46121	19.011	ug/l	98
3) Chloromethane	2.068	50	66775	19.575	ug/l	100
4) Vinyl Chloride	2.202	62	75860	19.664	ug/l	98
5) Bromomethane	2.586	94	50238	19.093	ug/l	91
6) Chloroethane	2.733	64	50953	20.184	ug/l	96
7) Trichlorofluoromethane	3.056	101	103348	20.913	ug/l	98
8) Diethyl Ether	3.452	74	26594	19.788	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	51794	19.871	ug/l	99
10) Methyl Iodide	4.001	142	57115	19.974	ug/l	97
11) Tert butyl alcohol	4.860	59	16115	97.834	ug/l #	89
12) 1,1-Dichloroethene	3.787	96	47534	19.362	ug/l	98
13) Acrolein	3.653	56	29827	99.170	ug/l	99
14) Allyl chloride	4.385	41	75169	19.203	ug/l	98
15) Acrylonitrile	5.061	53	54478	97.084	ug/l	97
16) Acetone	3.866	43	47787	92.073	ug/l	97
17) Carbon Disulfide	4.104	76	159960	19.782	ug/l	98
18) Methyl Acetate	4.385	43	25160	19.560	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	116736	19.099	ug/l	99
20) Methylene Chloride	4.610	84	55574	19.525	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	53188	19.677	ug/l	96
22) Diisopropyl ether	6.019	45	162151	19.747	ug/l	96
23) Vinyl Acetate	5.958	43	468035	97.433	ug/l	99
24) 1,1-Dichloroethane	5.915	63	95841	19.520	ug/l	98
25) 2-Butanone	6.896	43	69856	94.233	ug/l	97
26) 2,2-Dichloropropane	6.884	77	83932	19.217	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	58567	19.266	ug/l	99
28) Bromochloromethane	7.238	49	39653	19.149	ug/l	99
29) Tetrahydrofuran	7.262	42	45146	94.626	ug/l	100
30) Chloroform	7.415	83	99390	19.462	ug/l	98
31) Cyclohexane	7.701	56	85377	19.075	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	89818	19.459	ug/l	99
36) 1,1-Dichloropropene	7.835	75	72566	19.697	ug/l	99
37) Ethyl Acetate	6.988	43	32313	18.585	ug/l	97
38) Carbon Tetrachloride	7.817	117	81472	19.308	ug/l	97
39) Methylcyclohexane	9.109	83	84802	19.269	ug/l	97
40) Benzene	8.079	78	213074	19.313	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021658.D
 Acq On : 27 Mar 2025 10:54
 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 :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:15:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	16483	17.853	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	59552	19.146	ug/l	99
43) Isopropyl Acetate	8.195	43	60795	18.451	ug/l #	87
44) Trichloroethene	8.866	130	54015	19.215	ug/l	95
45) 1,2-Dichloropropane	9.140	63	49850	19.088	ug/l	98
46) Dibromomethane	9.231	93	28698	19.067	ug/l	97
47) Bromodichloromethane	9.420	83	75123	19.262	ug/l	99
48) Methyl methacrylate	9.219	41	26759	17.695	ug/l	94
49) 1,4-Dioxane	9.225	88	6260	388.254	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	163415	95.304	ug/l	98
52) Toluene	10.170	92	133126	19.340	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	65536	18.919	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	78753	19.271	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	37073	19.140	ug/l	98
56) Ethyl methacrylate	10.438	69	46833	18.936	ug/l	97
57) 1,3-Dichloropropane	10.719	76	65563	19.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	112947	93.615	ug/l	98
59) 2-Hexanone	10.762	43	107618	94.241	ug/l	99
60) Dibromochloromethane	10.908	129	50740	19.187	ug/l	100
61) 1,2-Dibromoethane	11.018	107	34293	18.874	ug/l	97
64) Tetrachloroethene	10.646	164	58923	19.897	ug/l	97
65) Chlorobenzene	11.444	112	144411	19.375	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	50703	19.173	ug/l	98
67) Ethyl Benzene	11.518	91	249430	19.515	ug/l	98
68) m/p-Xylenes	11.627	106	193566	39.549	ug/l	99
69) o-Xylene	11.957	106	87927	19.462	ug/l	98
70) Styrene	11.969	104	147490	19.580	ug/l	99
71) Bromoform	12.133	173	29726	19.706	ug/l #	100
73) Isopropylbenzene	12.255	105	234386	19.290	ug/l	100
74) N-amyl acetate	12.072	43	52342	18.355	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40279	18.438	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	31855m	19.644	ug/l	
77) Bromobenzene	12.530	156	55776	19.119	ug/l	99
78) n-propylbenzene	12.597	91	284563	19.480	ug/l	100
79) 2-Chlorotoluene	12.682	91	165911	19.555	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	195141	19.651	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	13021	18.502	ug/l	97
82) 4-Chlorotoluene	12.780	91	173311	19.593	ug/l	100
83) tert-Butylbenzene	12.999	119	171216	19.357	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	193683	19.734	ug/l	99
85) sec-Butylbenzene	13.176	105	252573	19.540	ug/l	100
86) p-Isopropyltoluene	13.292	119	209041	19.567	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	111682	19.431	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	111508	19.636	ug/l	98
89) n-Butylbenzene	13.615	91	191838	19.416	ug/l	99
90) Hexachloroethane	13.877	117	44313	18.928	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	97912	19.569	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6369	18.811	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	51474	18.971	ug/l	100
94) Hexachlorobutadiene	15.023	225	32055	18.916	ug/l	99
95) Naphthalene	15.145	128	82325	18.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	44047	19.037	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021658.D
Acq On : 27 Mar 2025 10:54
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 :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:15:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:08:57 2025
Response via : Initial Calibration

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

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

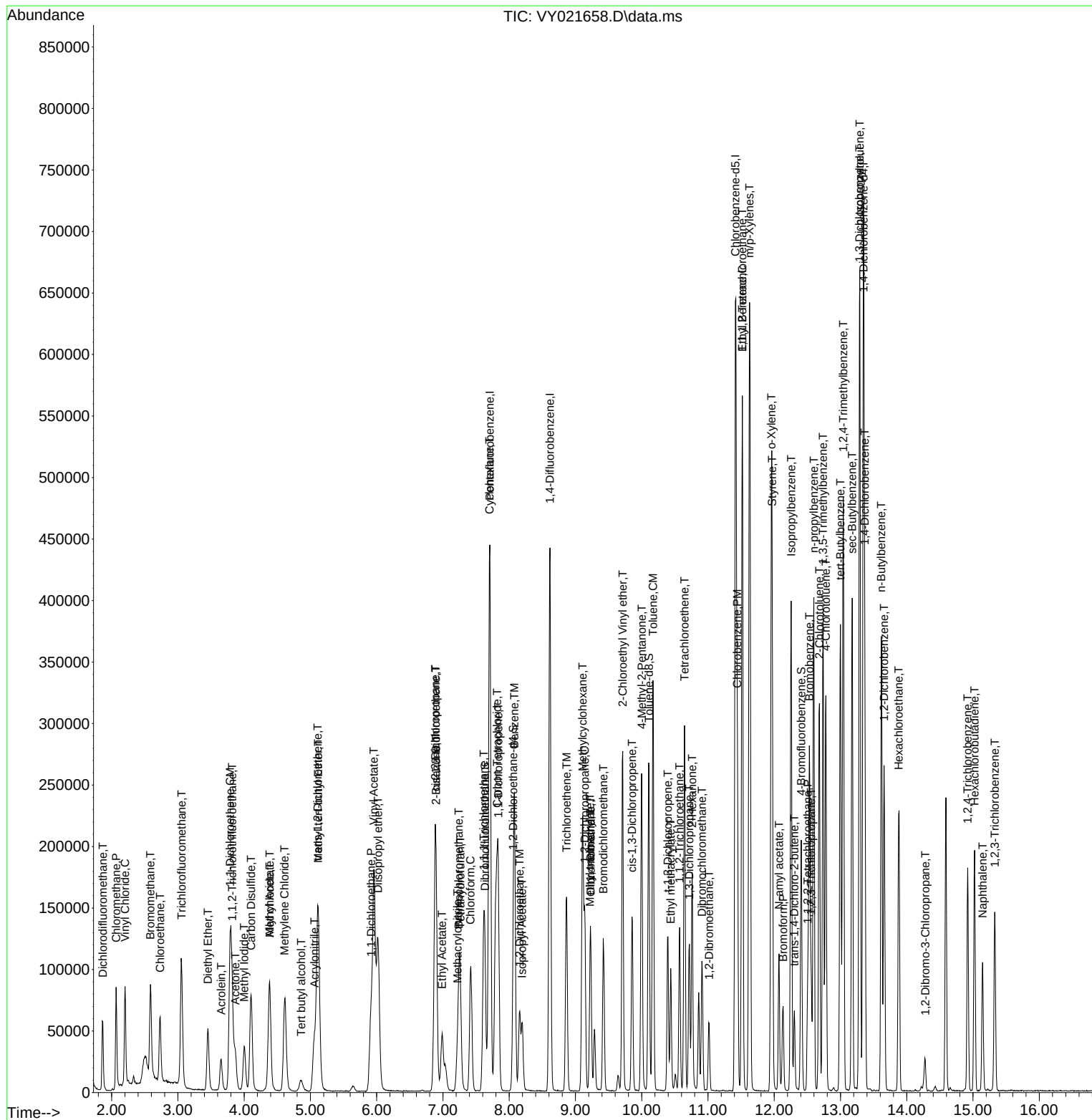
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 Acq On : 27 Mar 2025 10:54
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

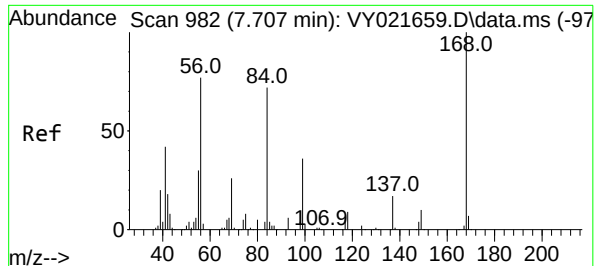
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations APPROVED

Reviewed By :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:15:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration





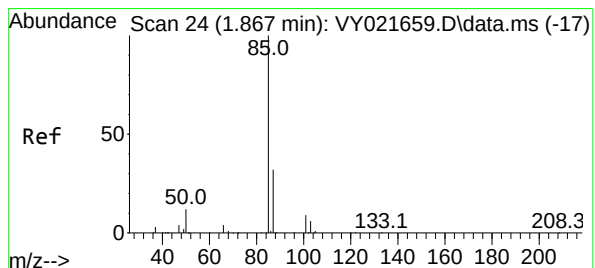
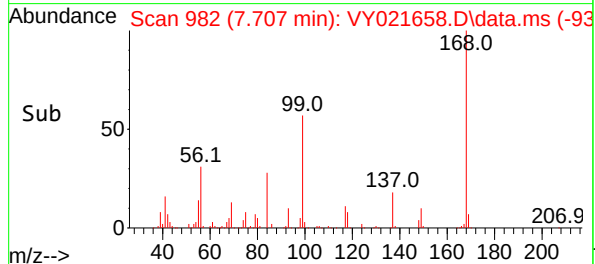
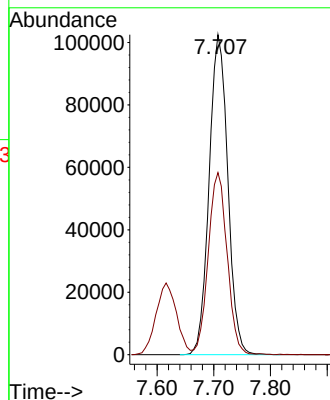
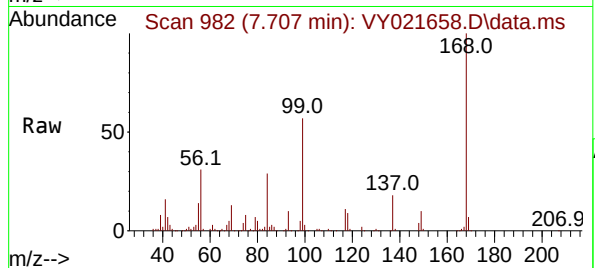
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 234060
Ion Ratio Lower Upper
168 100
99 56.7 46.7 70.1

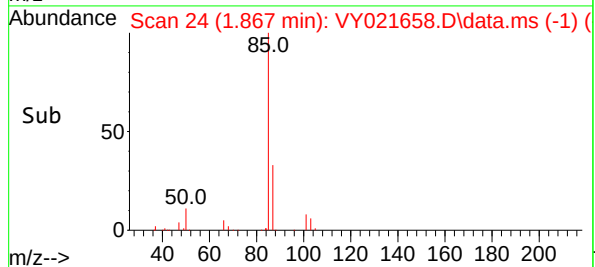
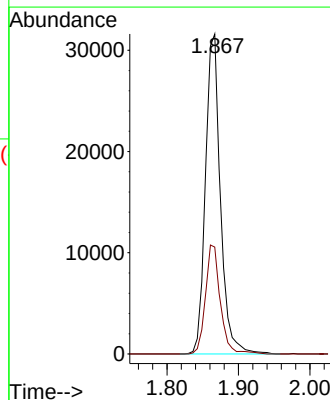
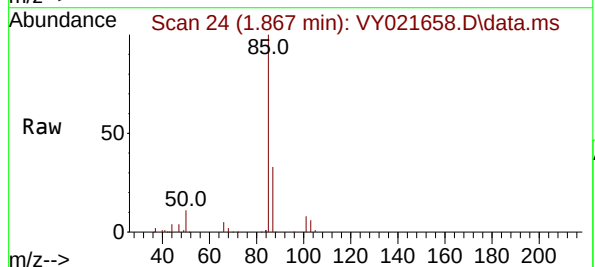
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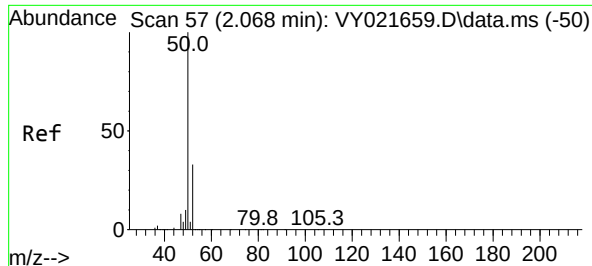
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#2
Dichlorodifluoromethane
Concen: 19.011 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Tgt Ion: 85 Resp: 46121
Ion Ratio Lower Upper
85 100
87 33.4 16.2 48.6





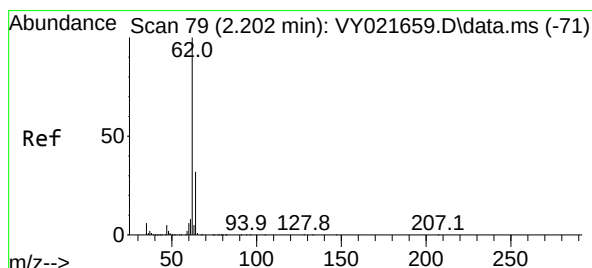
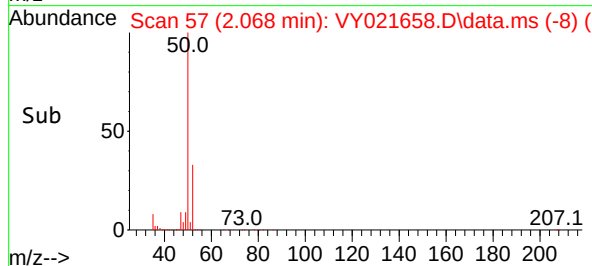
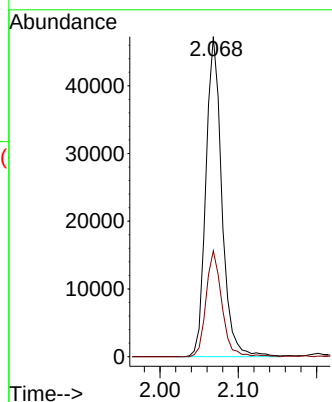
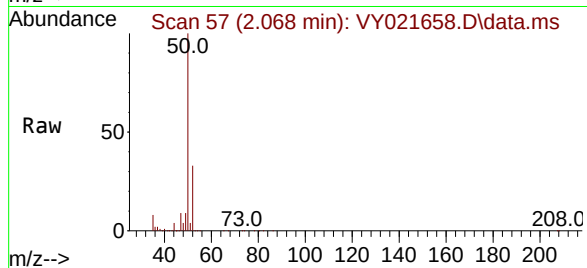
#3
Chloromethane
Concen: 19.575 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 66775
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5

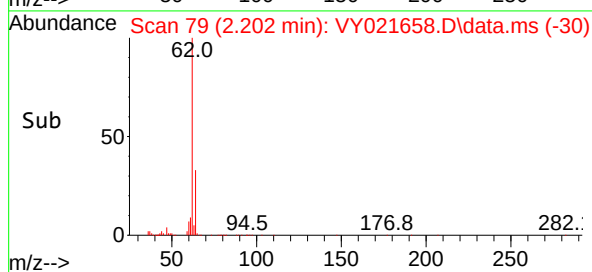
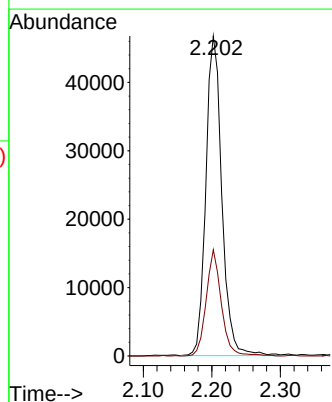
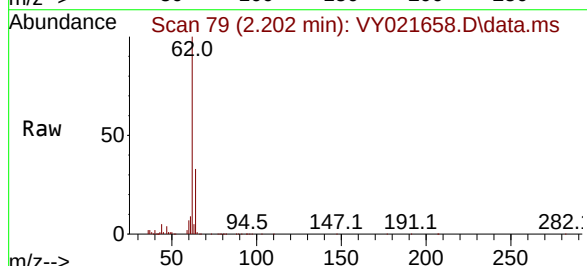
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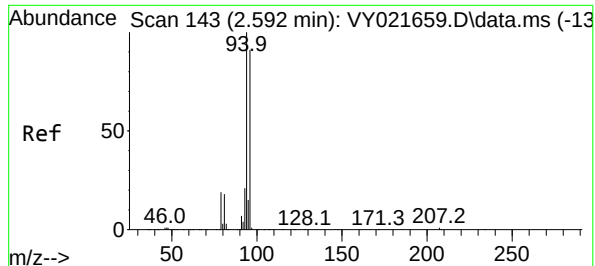
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#4
Vinyl Chloride
Concen: 19.664 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

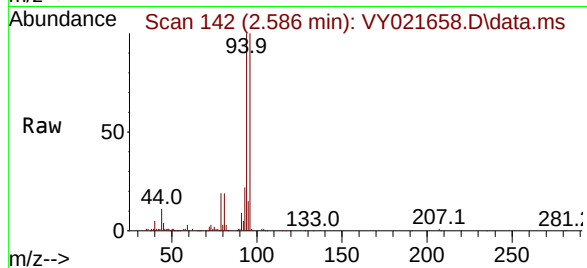
Tgt Ion: 62 Resp: 75860
Ion Ratio Lower Upper
62 100
64 33.2 25.5 38.3





#5
Bromomethane
Concen: 19.093 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

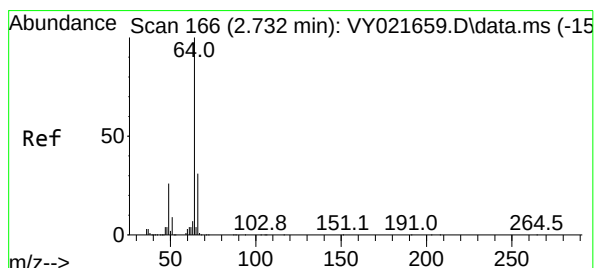
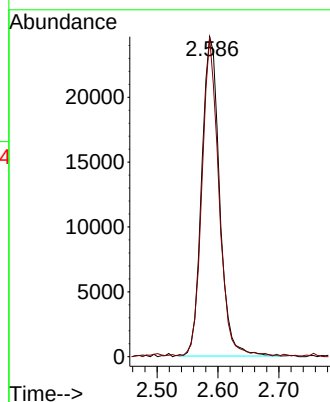
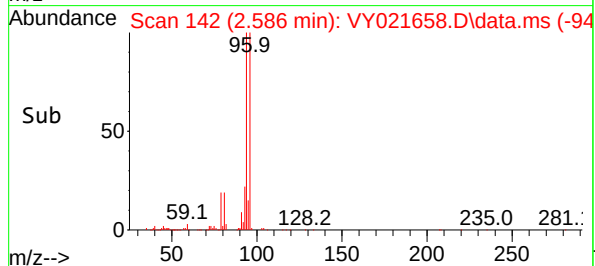
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 94 Resp: 50238
Ion Ratio Lower Upper
94 100
96 99.7 72.8 109.2

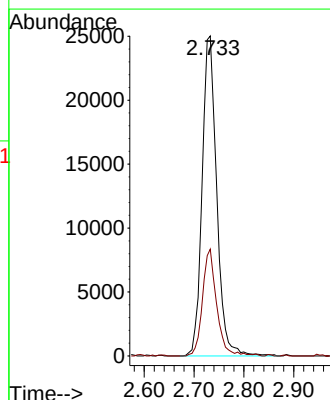
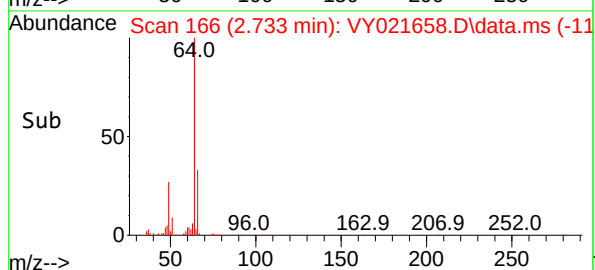
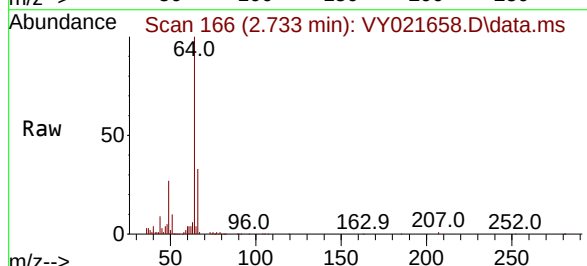
Manual Integrations
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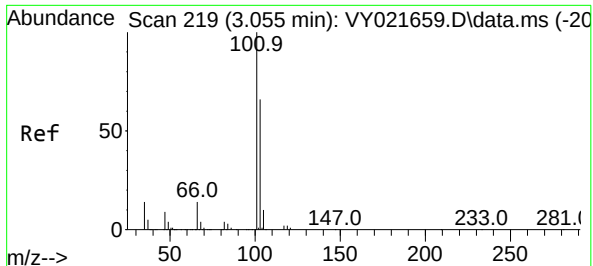
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#6
Chloroethane
Concen: 20.184 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

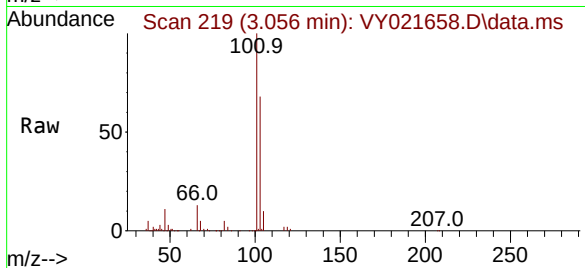
Tgt Ion: 64 Resp: 50953
Ion Ratio Lower Upper
64 100
66 33.4 24.9 37.3





#7
Trichlorofluoromethane
Concen: 20.913 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

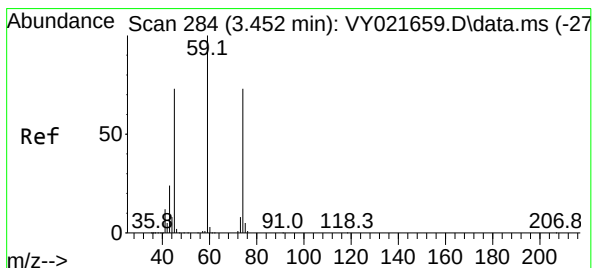
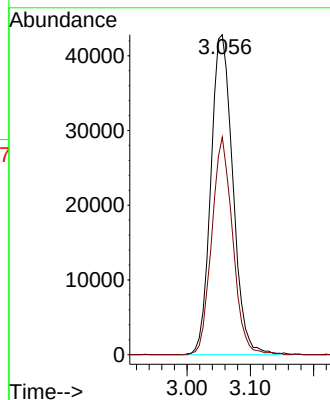
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 103348
Ion Ratio Lower Upper
101 100
103 68.0 53.1 79.7

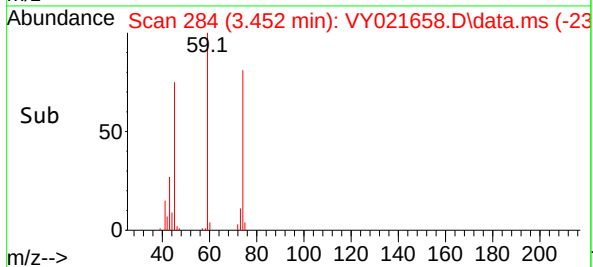
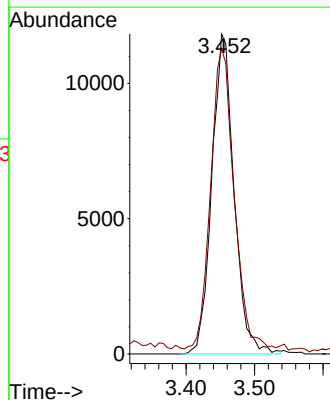
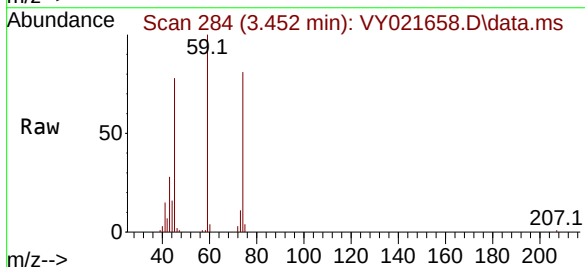
Manual Integrations
APPROVED

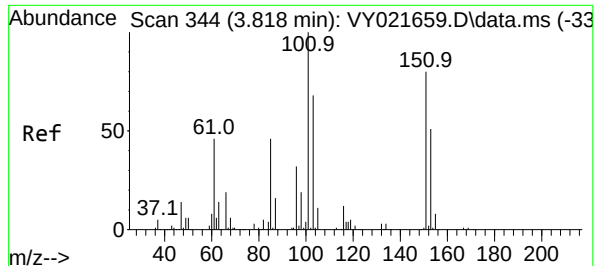
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#8
Diethyl Ether
Concen: 19.788 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Tgt Ion: 74 Resp: 26594
Ion Ratio Lower Upper
74 100
45 98.3 48.6 145.8





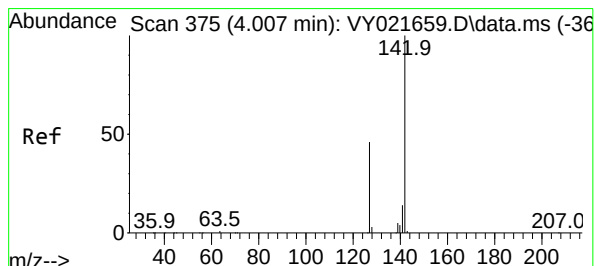
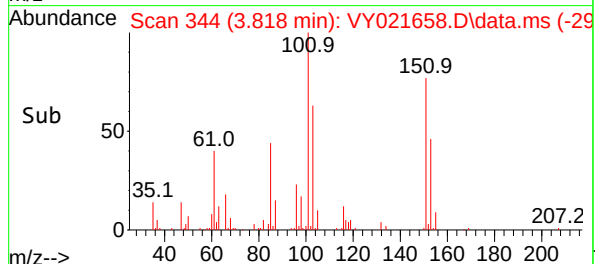
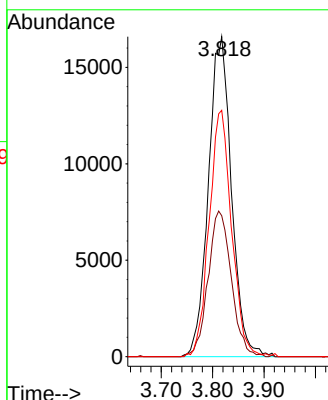
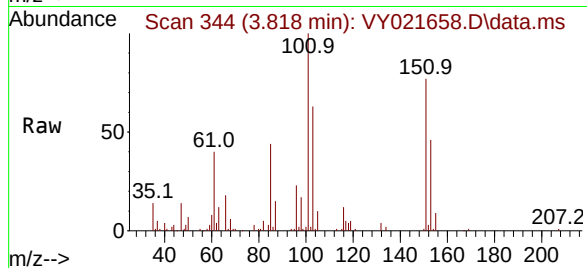
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.871 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 51794
Ion Ratio Lower Upper
101 100
85 45.8 36.3 54.5
151 75.2 61.3 91.9

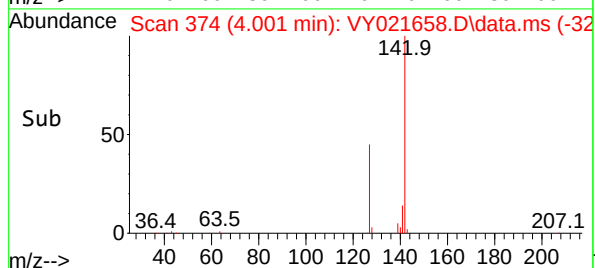
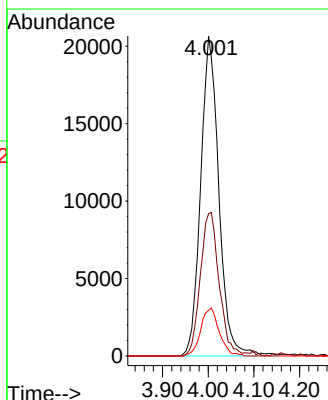
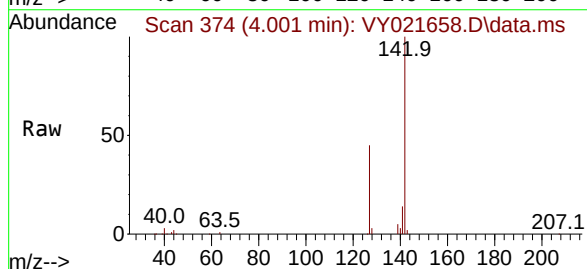
Manual Integrations
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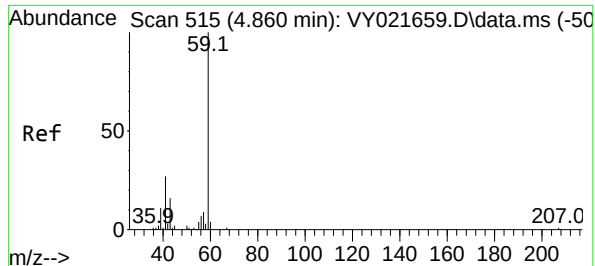
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 19.974 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Tgt Ion:142 Resp: 57115
Ion Ratio Lower Upper
142 100
127 46.4 38.7 58.1
141 15.2 11.5 17.3





#11

Tert butyl alcohol

Concen: 97.834 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 1611

Ion Ratio Lower Upper

59 100

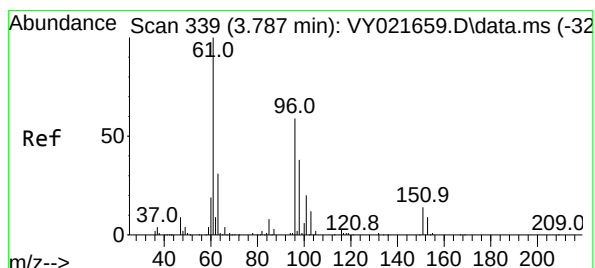
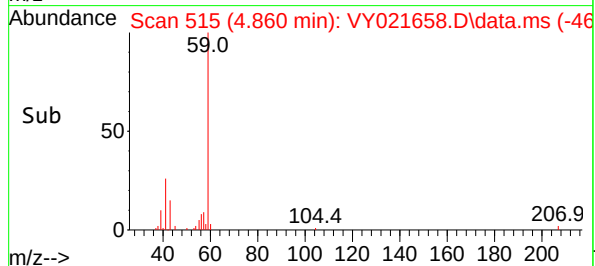
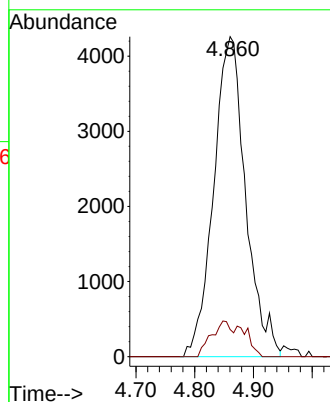
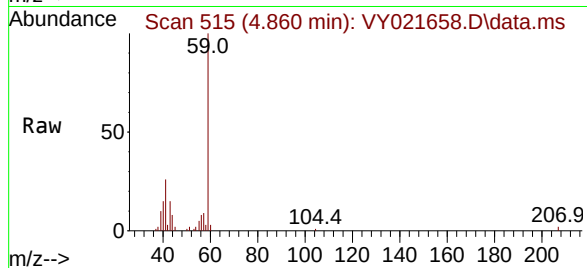
57 7.2 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#12

1,1-Dichloroethene

Concen: 19.362 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

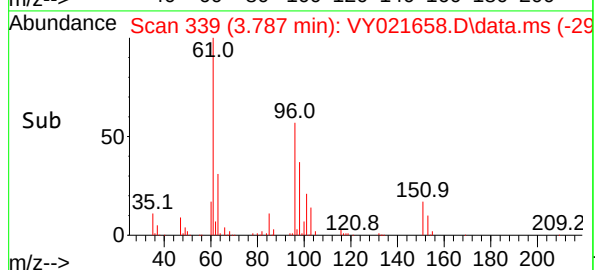
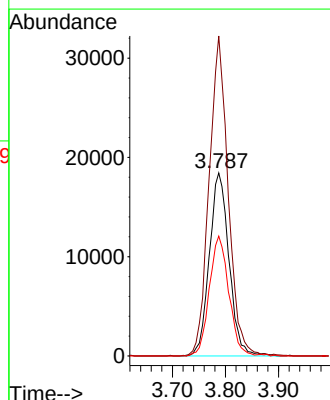
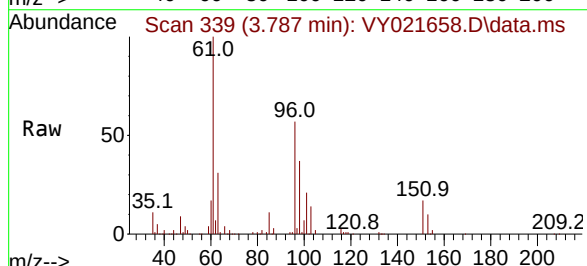
Tgt Ion: 96 Resp: 47534

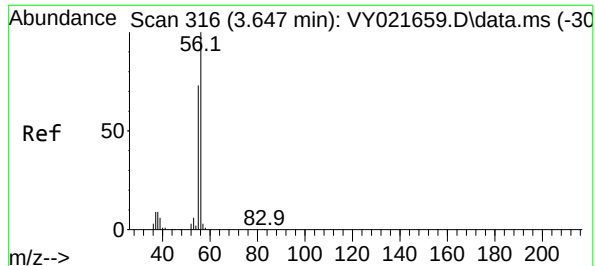
Ion Ratio Lower Upper

96 100

61 174.8 136.6 204.8

98 65.5 52.3 78.5





#13

Acrolein

Concen: 99.170 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Tgt Ion: 56 Resp: 2982

Ion Ratio Lower Upper

56 100

55 71.8 56.6 85.0

Instrument :

MSVOA_Y

ClientSampleId :

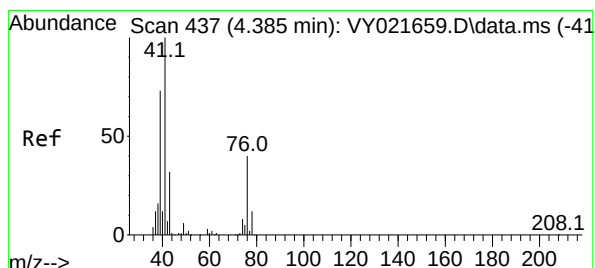
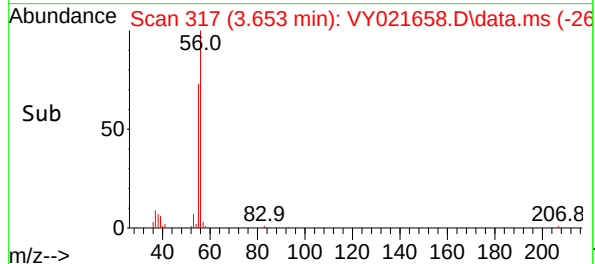
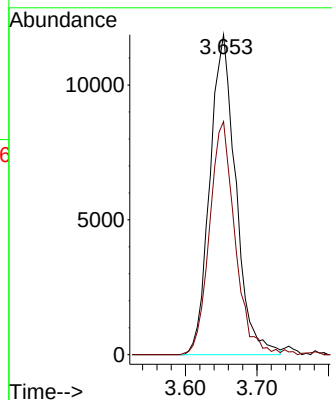
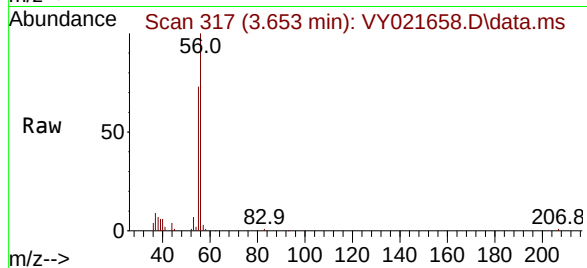
VSTDICC020

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#14

Allyl chloride

Concen: 19.203 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

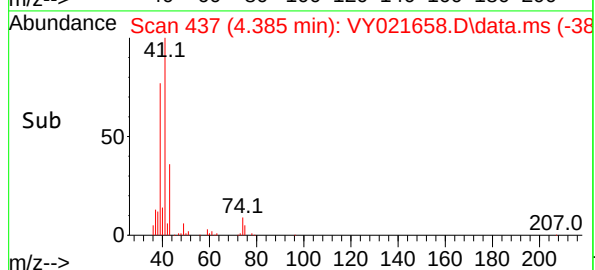
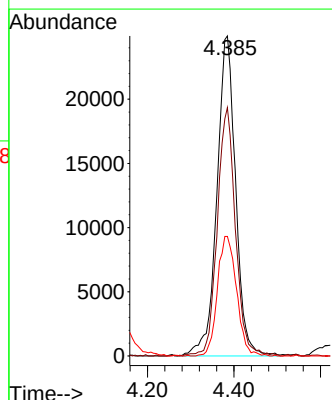
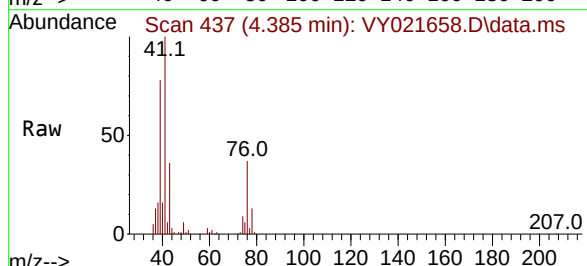
Tgt Ion: 41 Resp: 75169

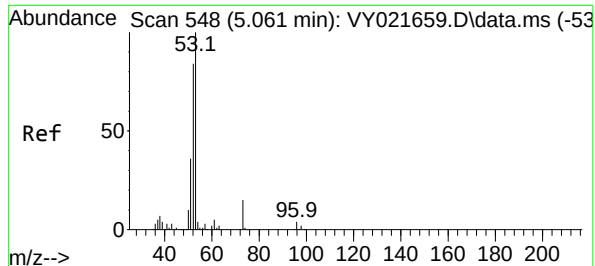
Ion Ratio Lower Upper

41 100

39 75.3 58.6 88.0

76 38.1 30.3 45.5





#15

Acrylonitrile

Concen: 97.084 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

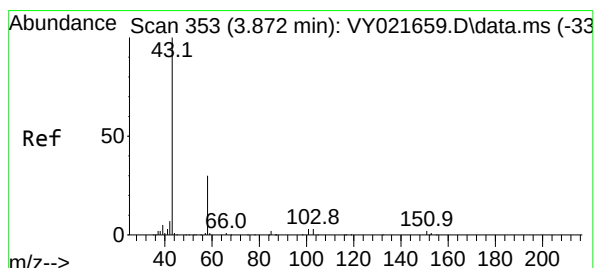
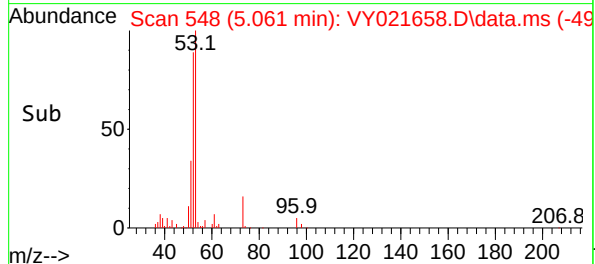
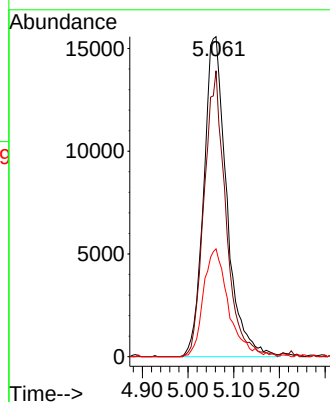
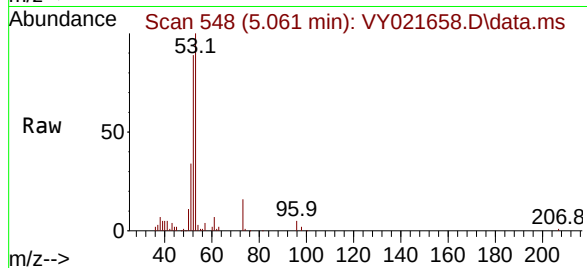
VSTDICC020

Tgt Ion:	53	Resp:	54478
Ion	Ratio	Lower	Upper
53	100		
52	84.1	64.9	97.3
51	36.5	30.2	45.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16

Acetone

Concen: 92.073 ug/l

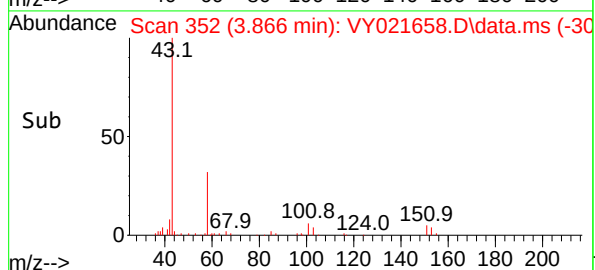
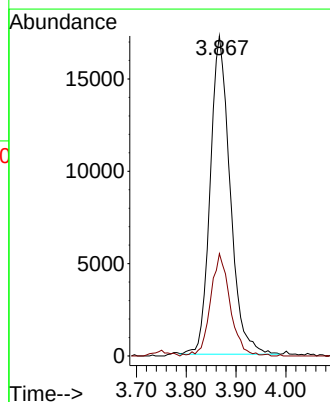
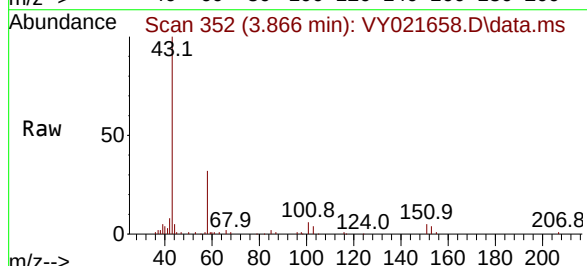
RT: 3.866 min Scan# 352

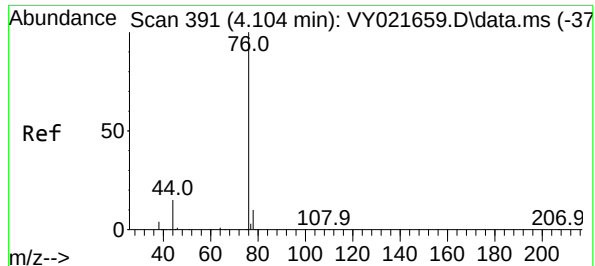
Delta R.T. -0.006 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

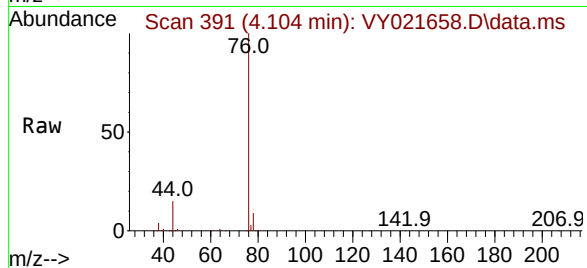
Tgt Ion:	43	Resp:	47787
Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.2	36.4





#17
Carbon Disulfide
Concen: 19.782 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

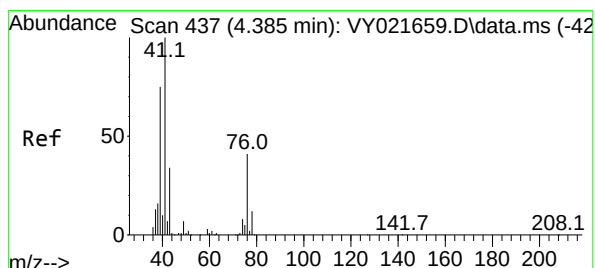
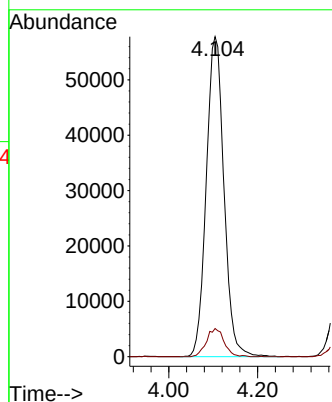
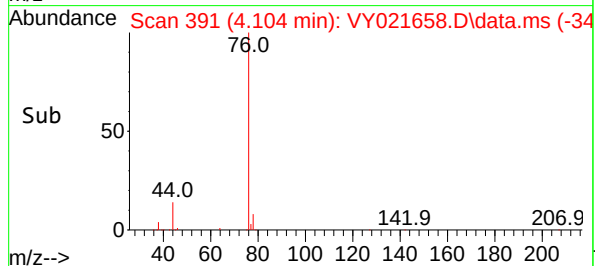
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 159960
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

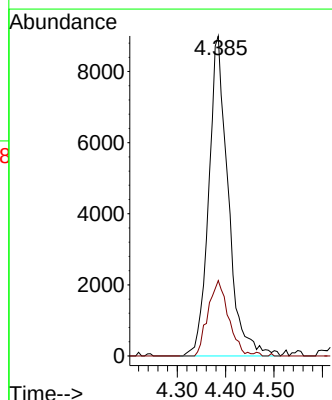
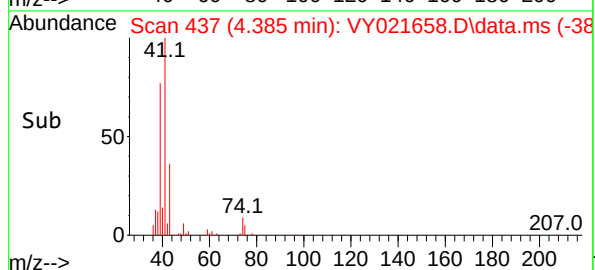
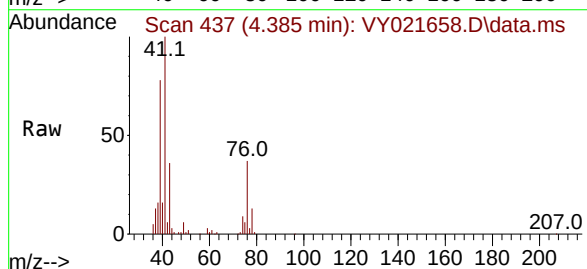
Manual Integrations
APPROVED

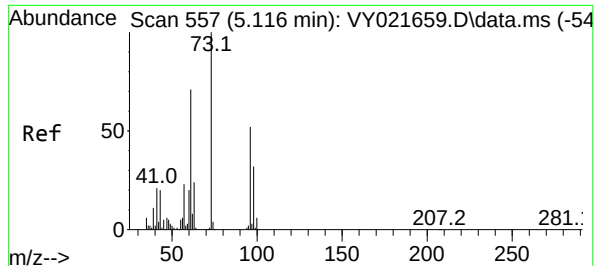
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#18
Methyl Acetate
Concen: 19.560 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Tgt Ion: 43 Resp: 25160
Ion Ratio Lower Upper
43 100
74 24.9 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.099 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 73 Resp: 116730

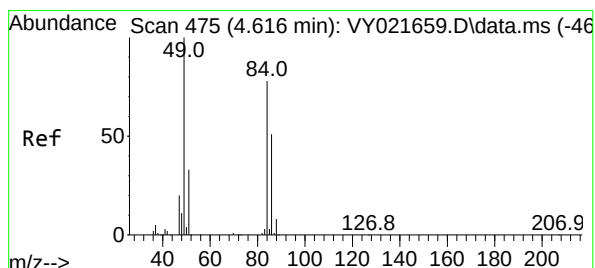
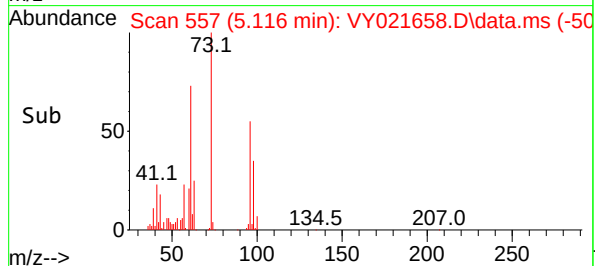
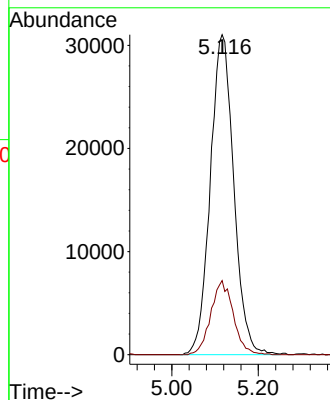
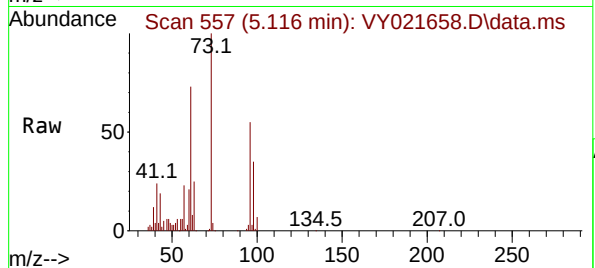
Ion Ratio Lower Upper

73 100

57 23.1 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#20

Methylene Chloride

Concen: 19.525 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Tgt Ion: 84 Resp: 55574

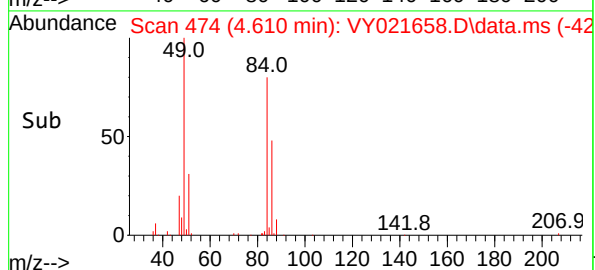
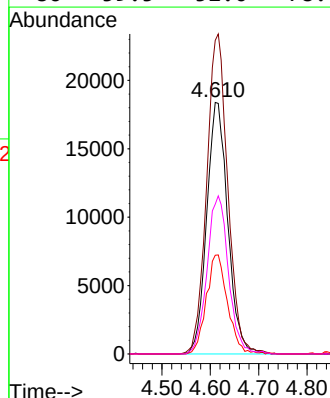
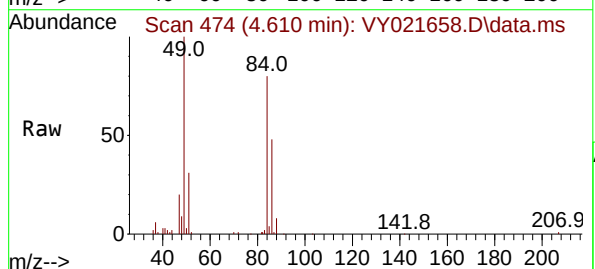
Ion Ratio Lower Upper

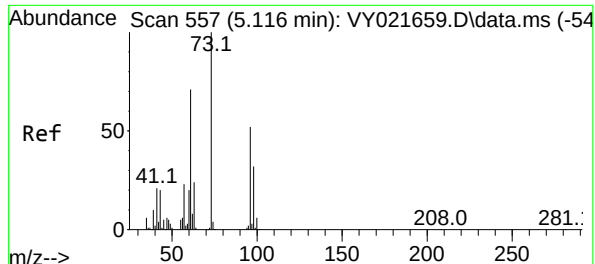
84 100

49 124.6 102.8 154.2

51 39.2 33.5 50.3

86 59.5 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 19.677 ug/l

RT: 5.110 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 5318

Ion Ratio Lower Upper

96 100

61 129.9 109.4 164.0

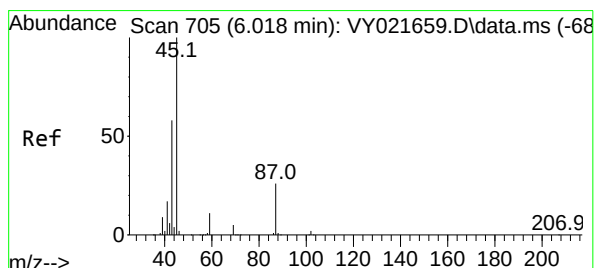
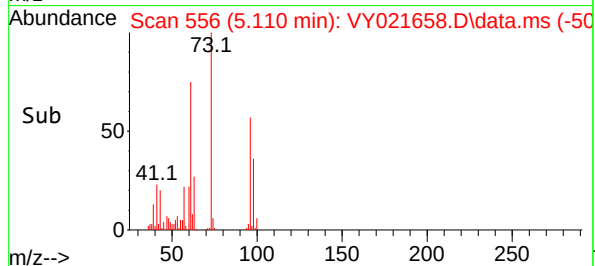
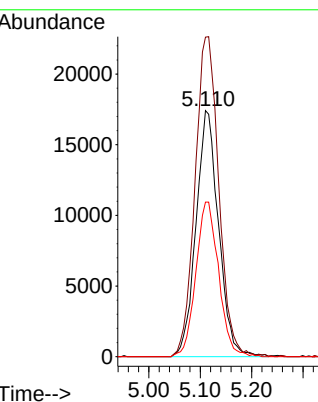
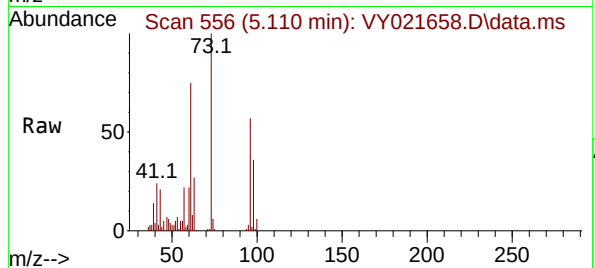
98 62.8 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#22

Diisopropyl ether

Concen: 19.747 ug/l

RT: 6.019 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Tgt Ion: 45 Resp: 162151

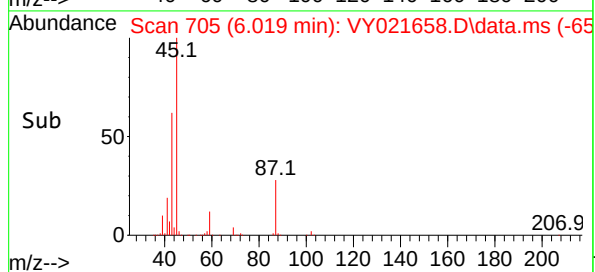
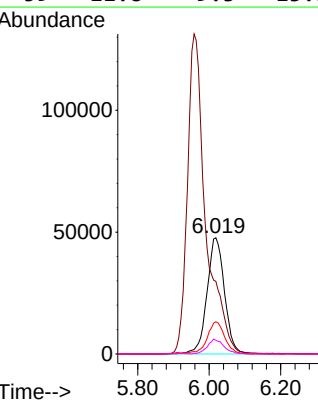
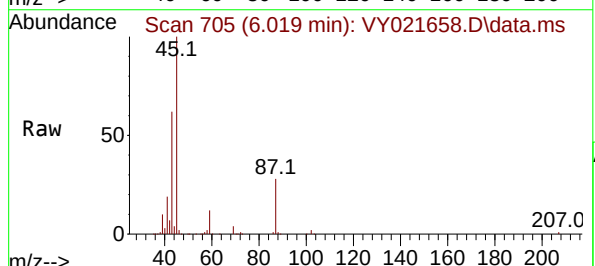
Ion Ratio Lower Upper

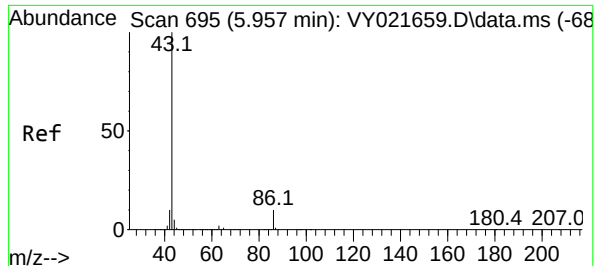
45 100

43 62.4 46.6 69.8

87 27.7 20.7 31.1

59 11.8 9.3 13.9





#23

Vinyl Acetate

Concen: 97.433 ug/l

RT: 5.958 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 46803

Ion Ratio Lower Upper

43

100

86

9.9

8.2

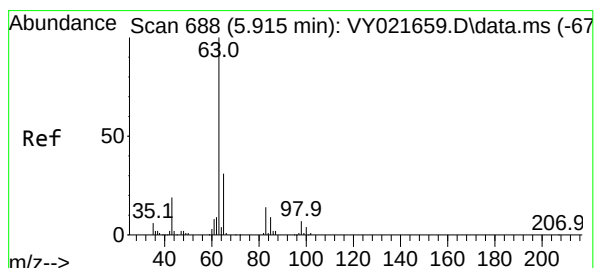
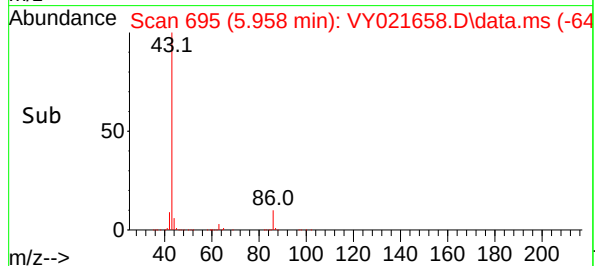
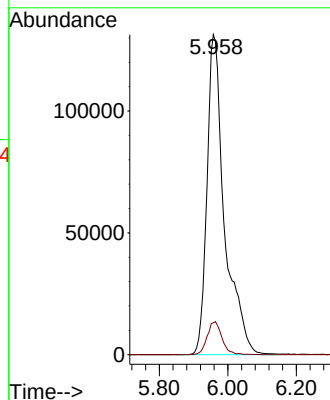
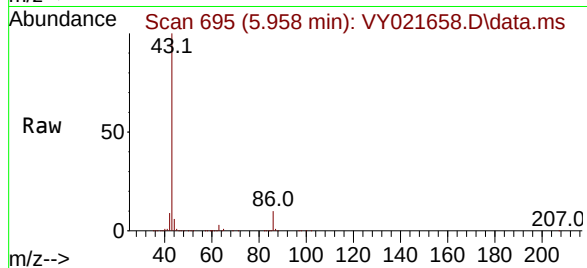
12.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#24

1,1-Dichloroethane

Concen: 19.520 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Tgt Ion: 63 Resp: 95841

Ion Ratio Lower Upper

63

100

98

100

5.9

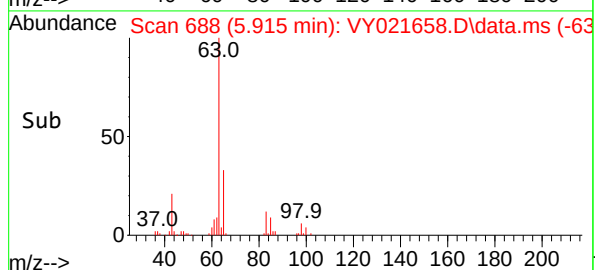
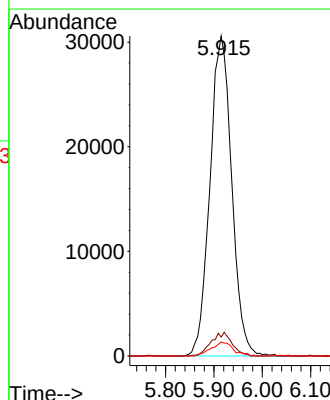
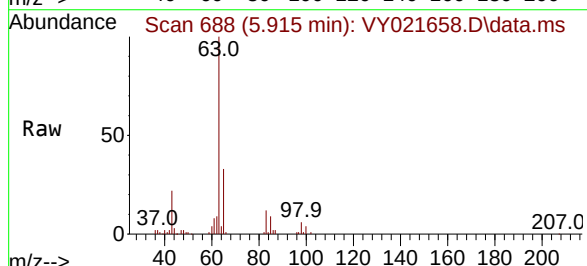
4.4

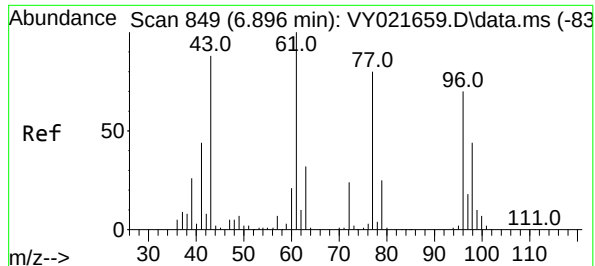
3.5

2.2

10.5

6.6





#25

2-Butanone

Concen: 94.233 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 69850

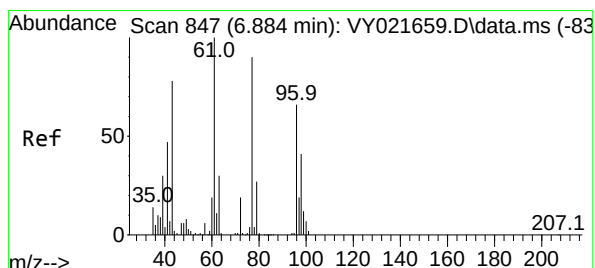
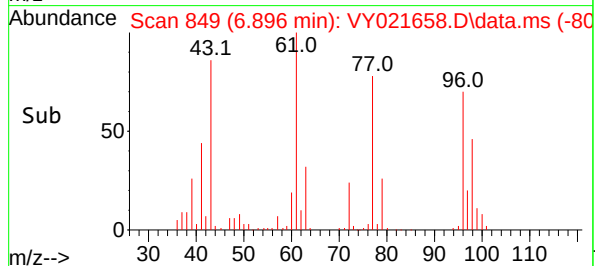
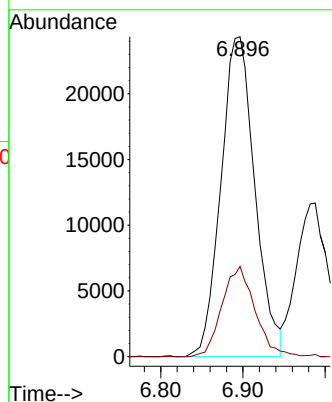
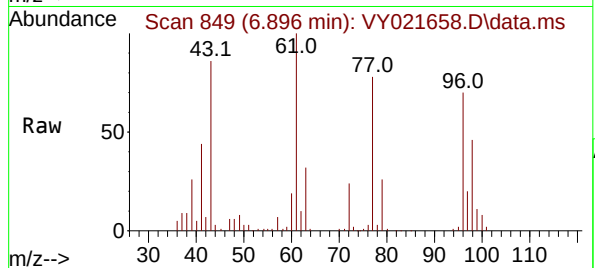
Ion Ratio Lower Upper

43 100

72 28.2 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#26

2,2-Dichloropropane

Concen: 19.217 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021658.D

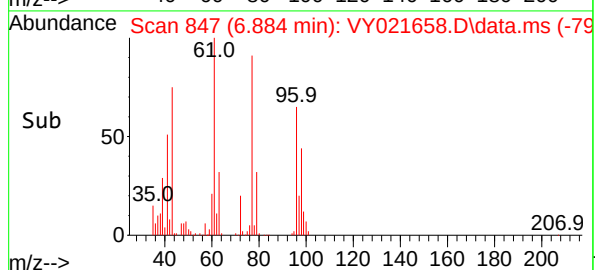
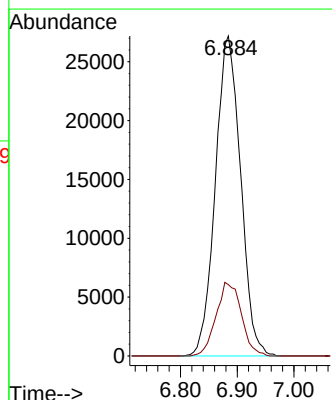
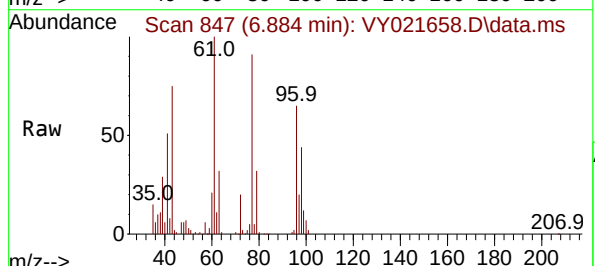
Acq: 27 Mar 2025 10:54

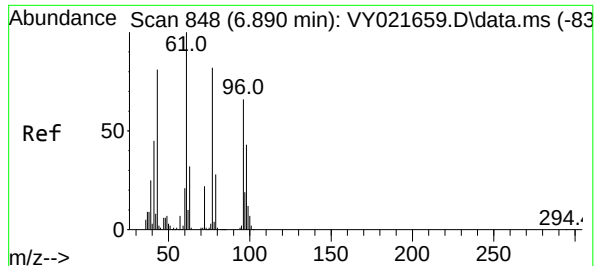
Tgt Ion: 77 Resp: 83932

Ion Ratio Lower Upper

77 100

97 23.0 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.266 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 5856

Ion Ratio Lower Upper

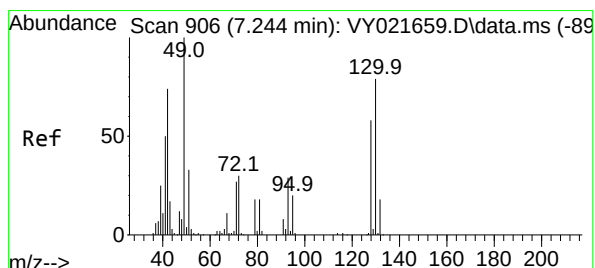
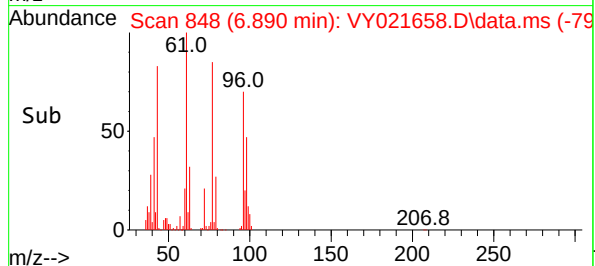
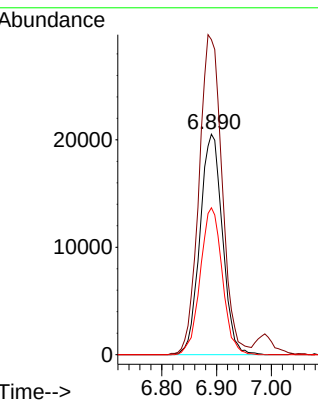
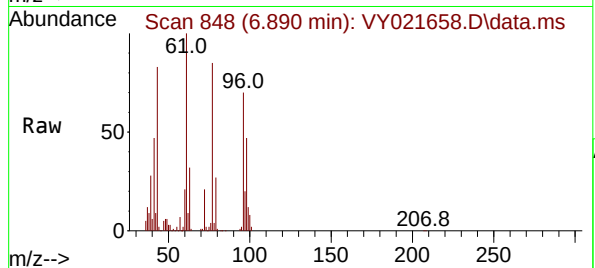
96 100

61 149.2 0.0 296.4

98 65.3 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#28

Bromochloromethane

Concen: 19.149 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

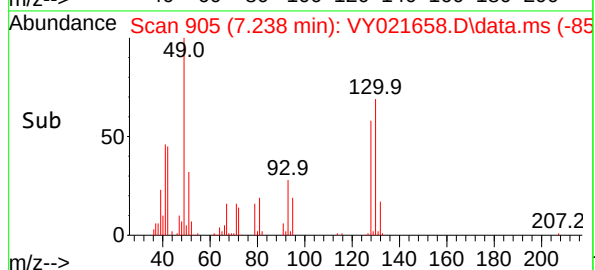
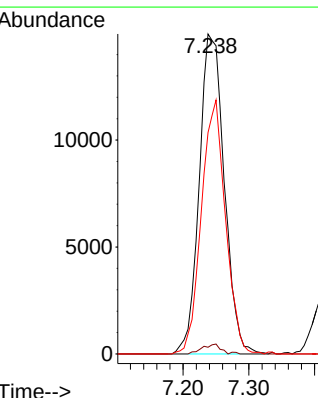
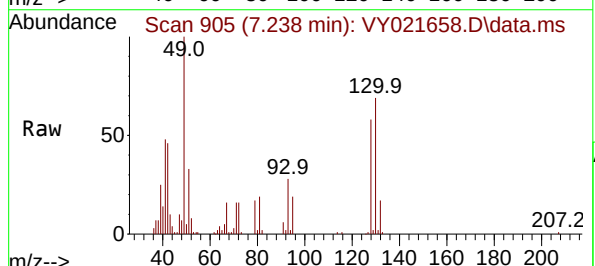
Tgt Ion: 49 Resp: 39653

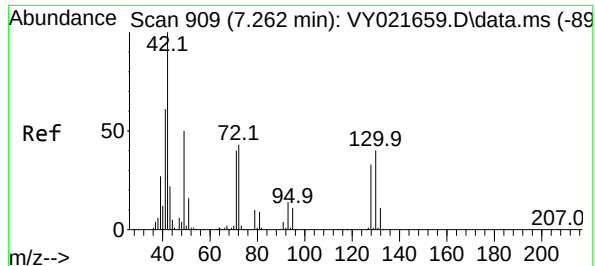
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 76.4 60.1 90.1





#29

Tetrahydrofuran

Concen: 94.626 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

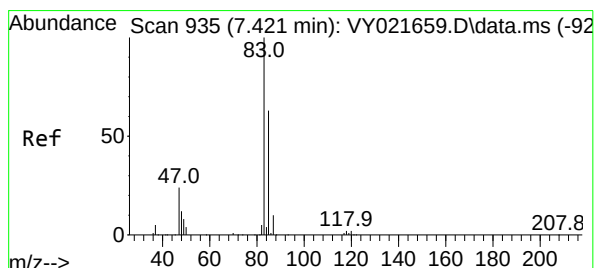
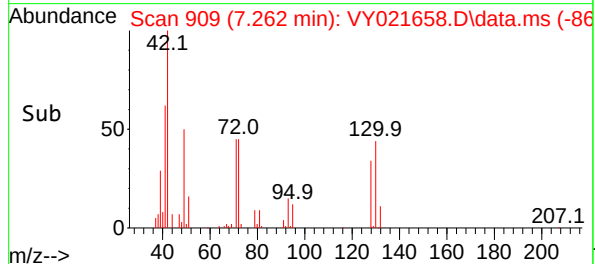
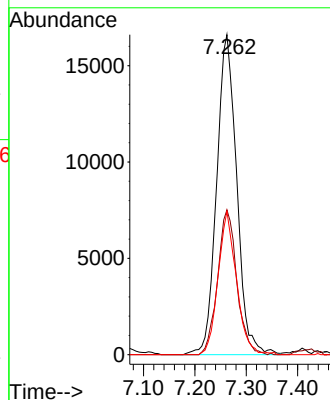
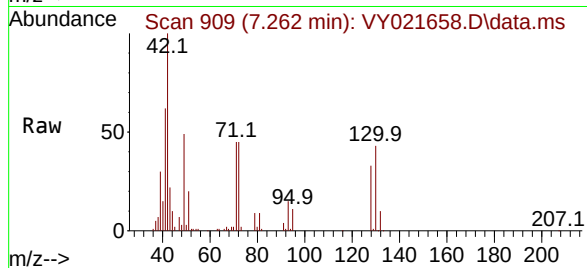
VSTDIC020

Tgt Ion:	42	Resp:	4514
Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.6	52.0
71	41.0	32.5	48.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#30

Chloroform

Concen: 19.462 ug/l

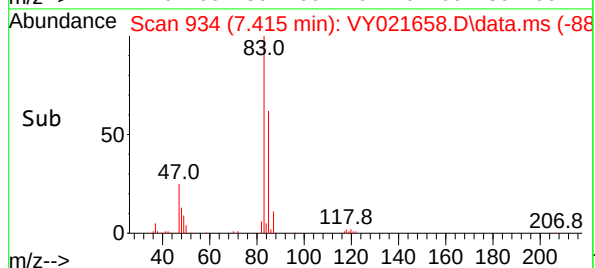
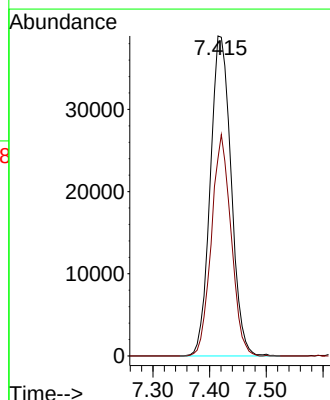
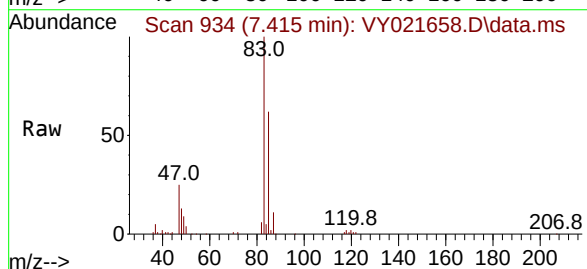
RT: 7.415 min Scan# 934

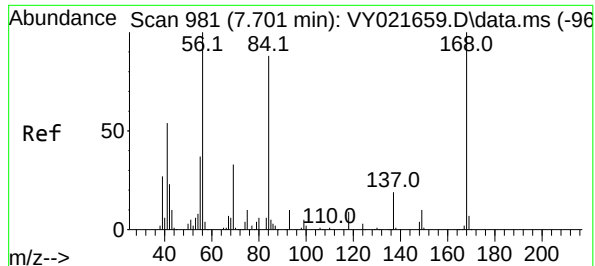
Delta R.T. -0.006 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Tgt Ion:	83	Resp:	99390
Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.6	75.8





#31

Cyclohexane

Concen: 19.075 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 8537

Ion Ratio Lower Upper

56 100

69 39.3 26.6 40.0

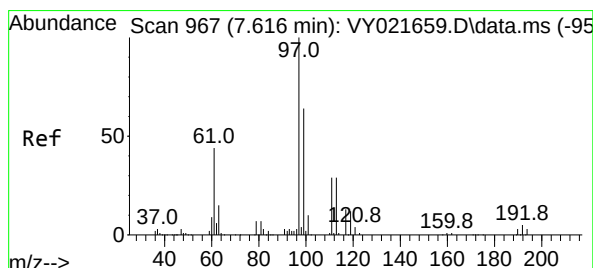
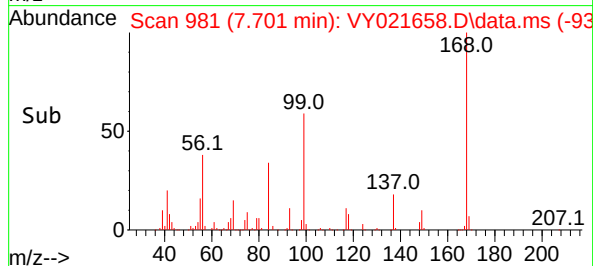
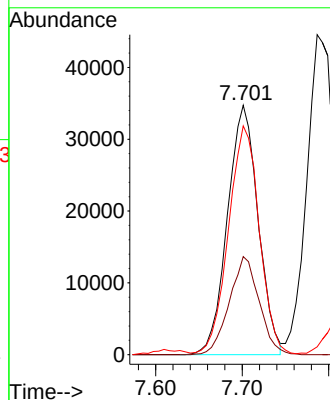
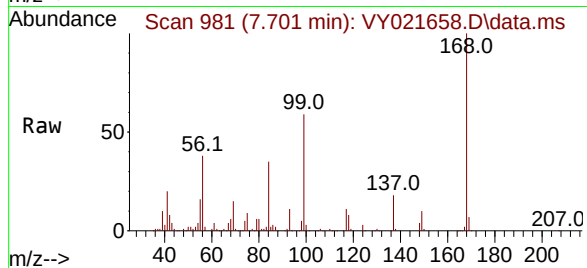
84 90.0 69.0 103.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#32

1,1,1-Trichloroethane

Concen: 19.459 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

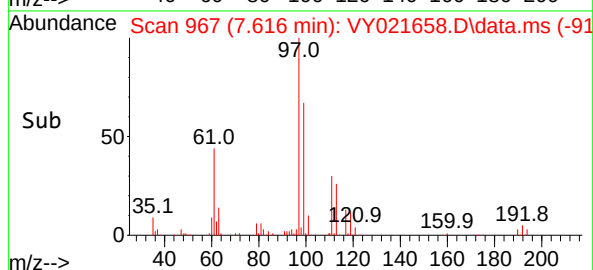
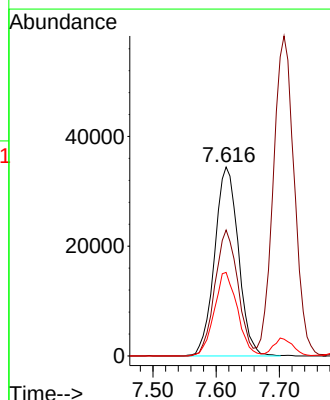
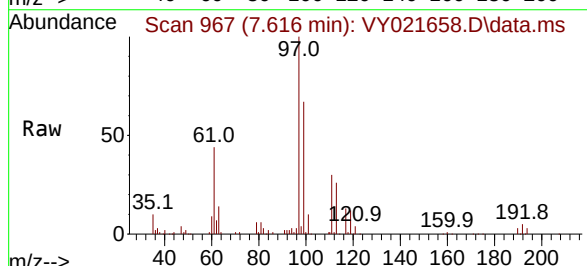
Tgt Ion: 97 Resp: 89818

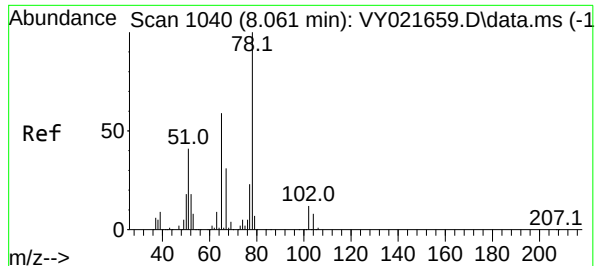
Ion Ratio Lower Upper

97 100

99 64.3 50.7 76.1

61 43.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 18.542 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4702

Ion Ratio Lower Upper

65 100

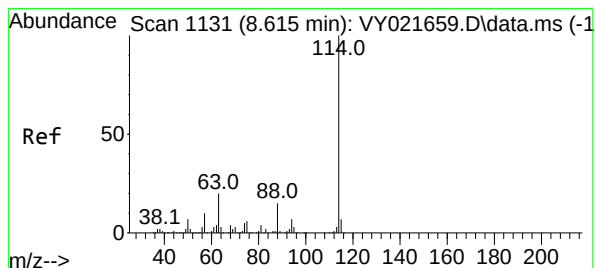
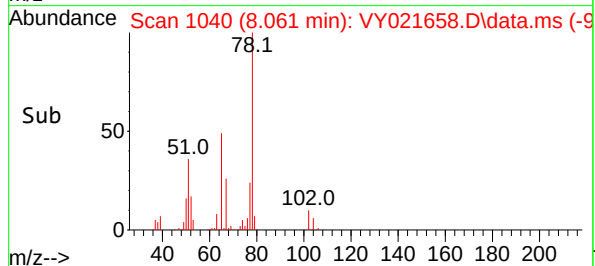
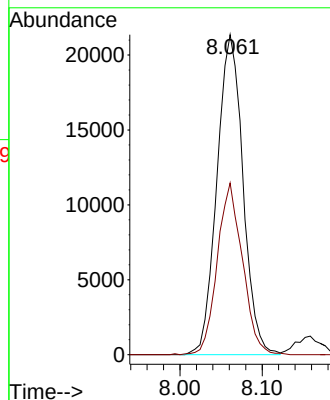
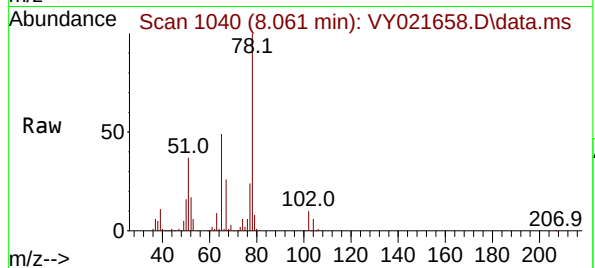
67 51.9 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

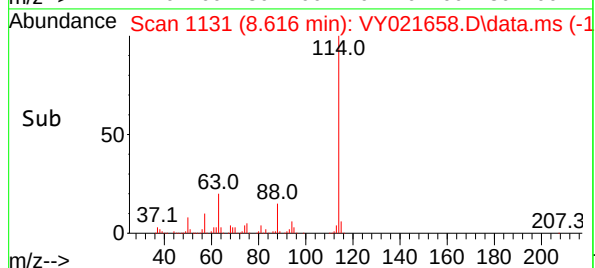
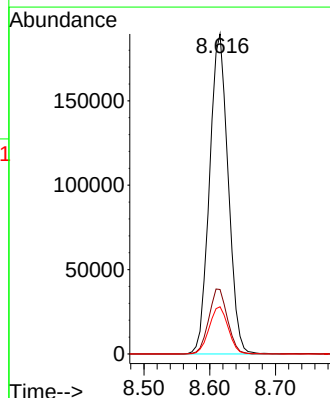
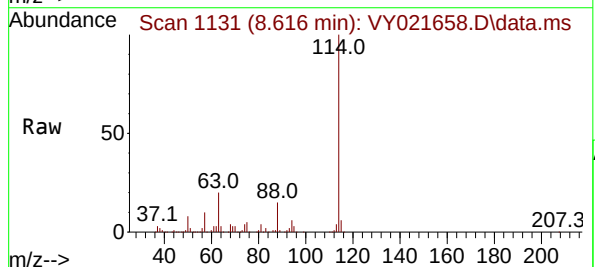
Tgt Ion:114 Resp: 372865

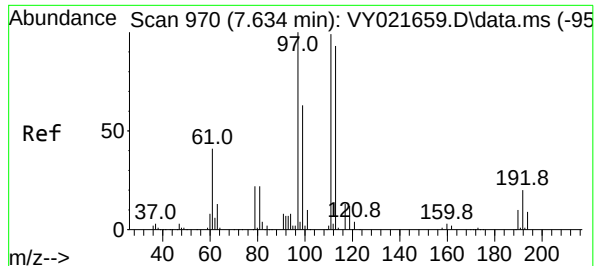
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 14.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 17.910 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:113 Resp: 43318

Ion Ratio Lower Upper

113 100

111 104.6 82.6 123.8

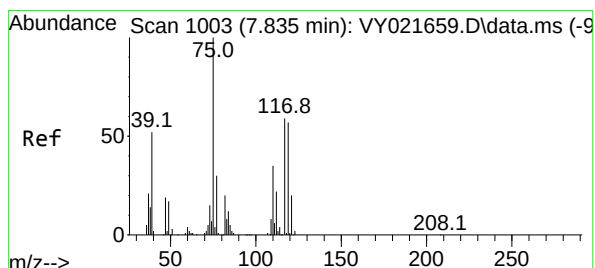
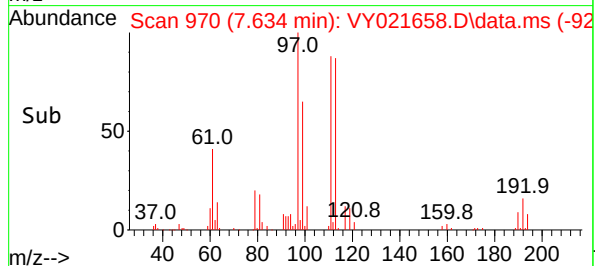
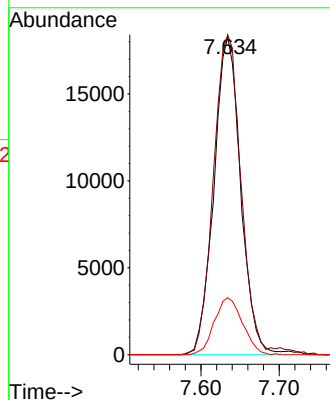
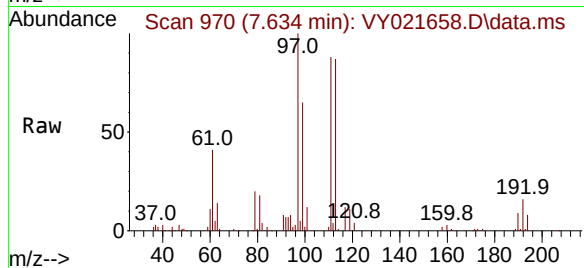
192 19.0 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#36

1,1-Dichloropropene

Concen: 19.697 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

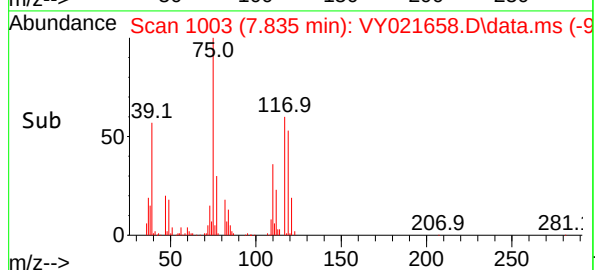
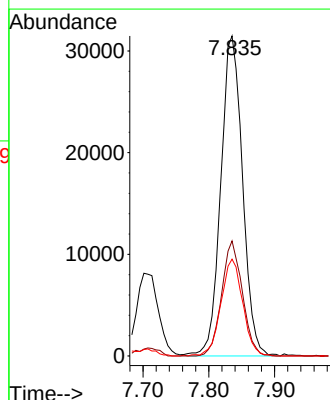
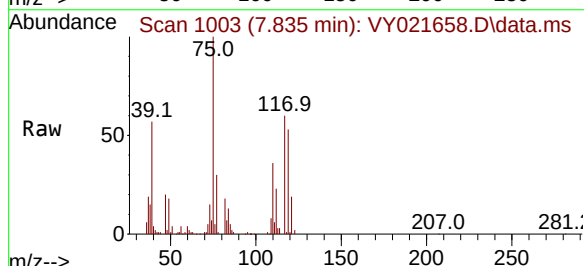
Tgt Ion: 75 Resp: 72566

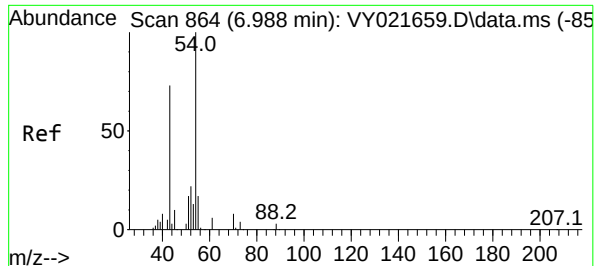
Ion Ratio Lower Upper

75 100

110 34.2 17.0 50.9

77 30.3 24.8 37.2





#37

Ethyl Acetate

Concen: 18.585 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 3231

Ion Ratio Lower Upper

43 100

61 12.1 11.0 16.6

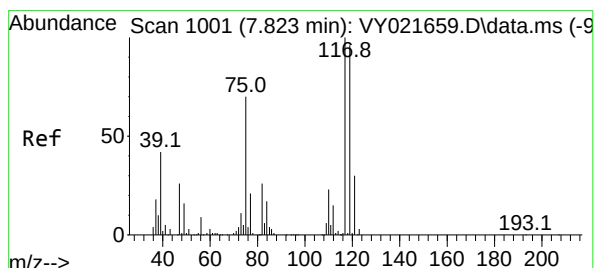
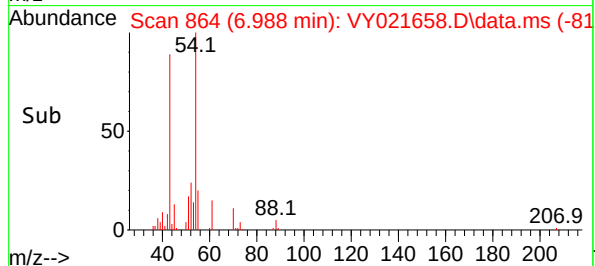
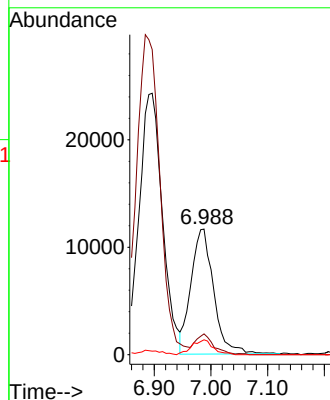
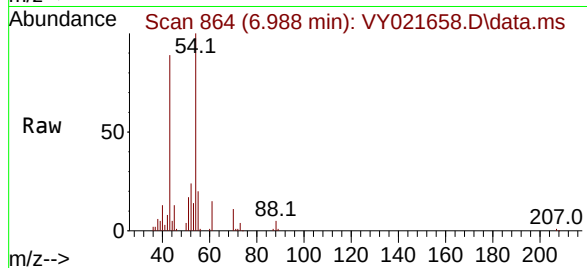
70 10.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#38

Carbon Tetrachloride

Concen: 19.308 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

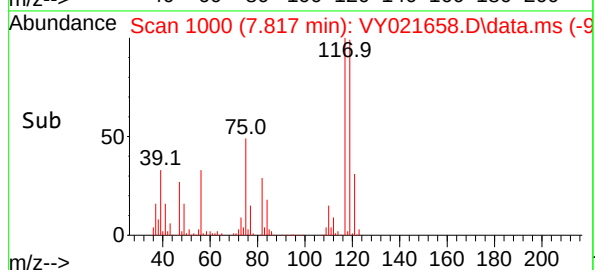
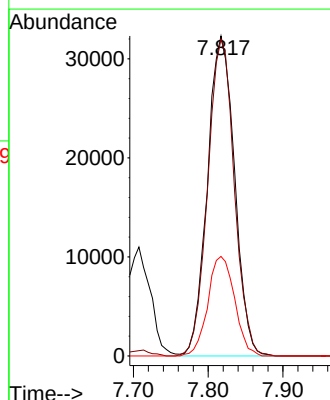
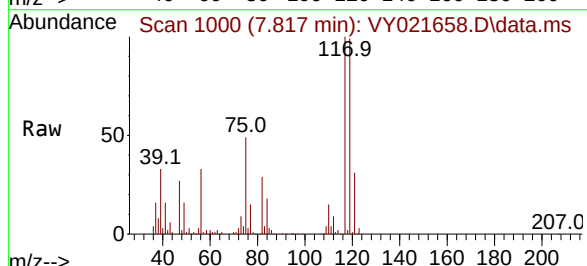
Tgt Ion:117 Resp: 81472

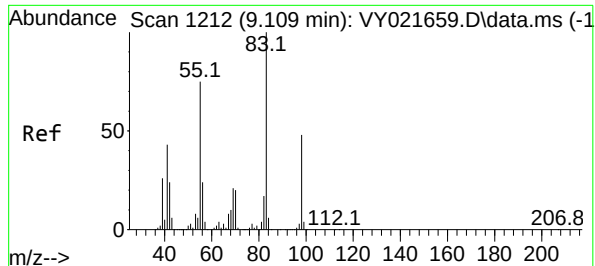
Ion Ratio Lower Upper

117 100

119 99.0 76.2 114.4

121 31.1 24.2 36.4





#39

Methylcyclohexane

Concen: 19.269 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

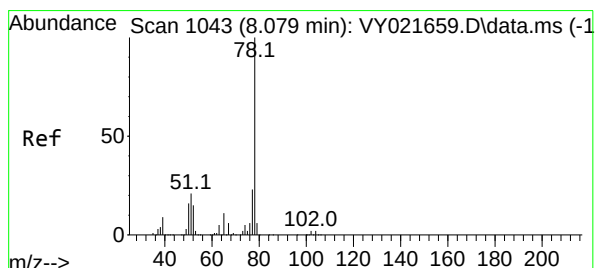
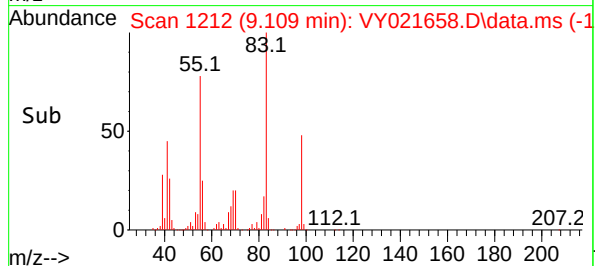
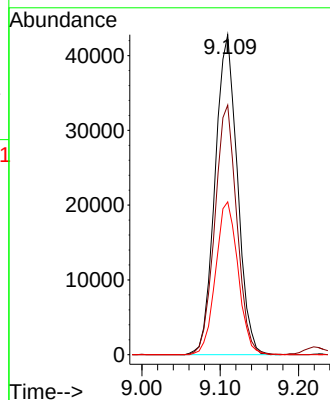
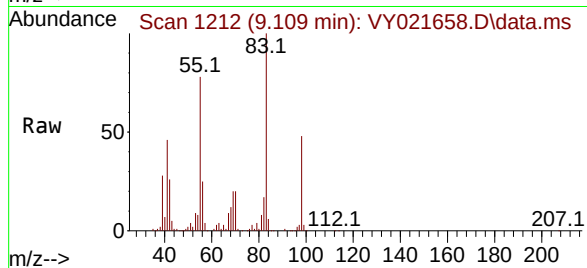
VSTDIC020

Tgt Ion:	83	Resp:	8480
Ion	Ratio	Lower	Upper
83	100		
55	78.0	59.7	89.5
98	47.8	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#40

Benzene

Concen: 19.313 ug/l

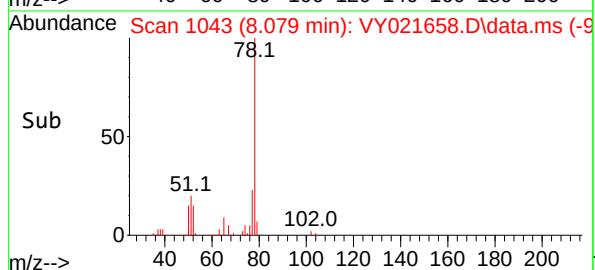
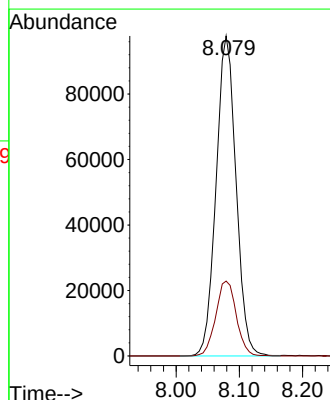
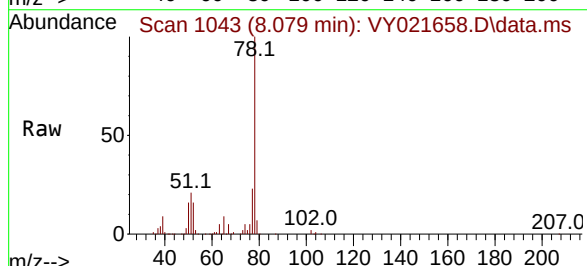
RT: 8.079 min Scan# 1043

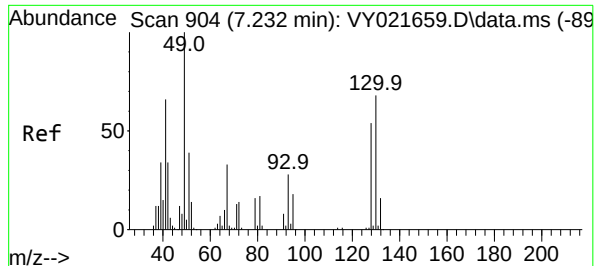
Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

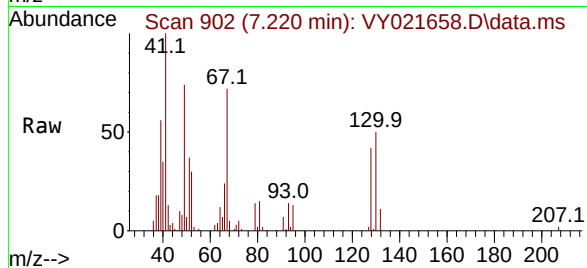
Tgt Ion:	78	Resp:	213074
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2





#41
Methacrylonitrile
Concen: 17.853 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

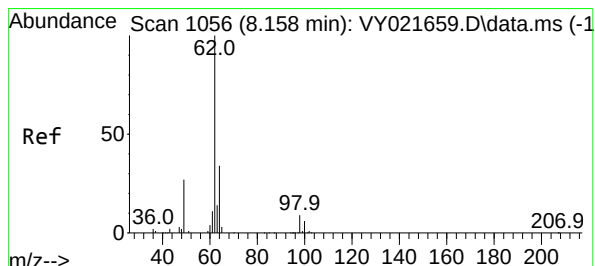
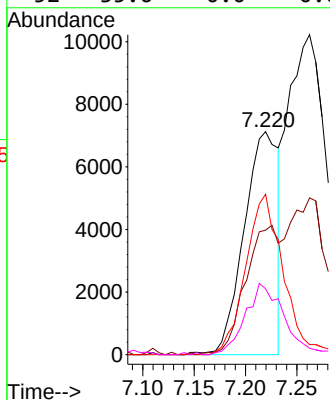
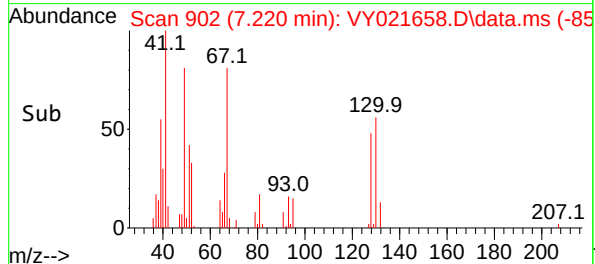
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 1648
Ion Ratio Lower Upper
41 100
39 55.7 0.0 0.0
67 78.7 0.0 0.0
52 35.6 0.0 0.0

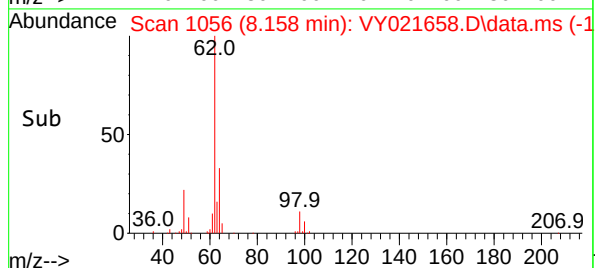
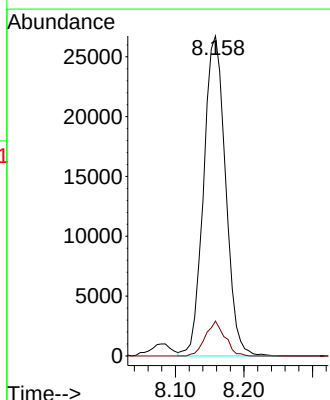
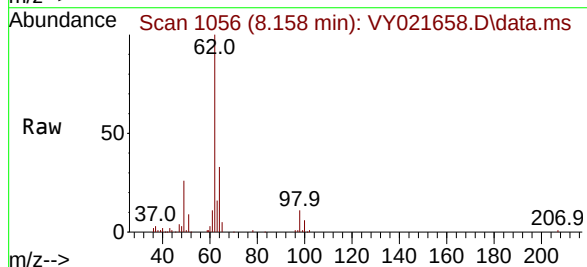
Manual Integrations
APPROVED

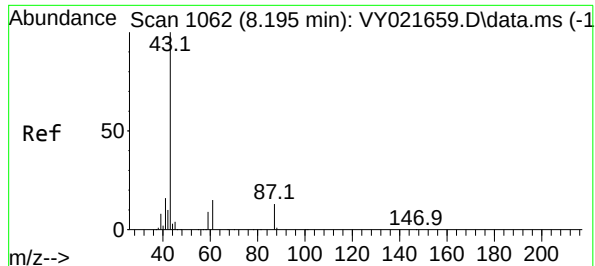
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 19.146 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Tgt Ion: 62 Resp: 59552
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.4





#43

Isopropyl Acetate

Concen: 18.451 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

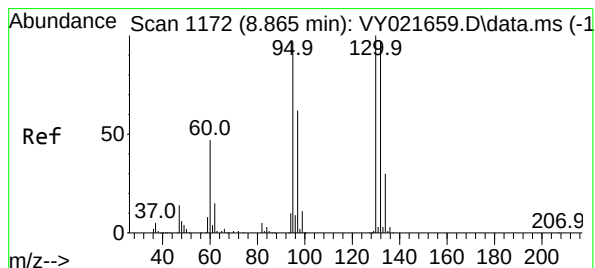
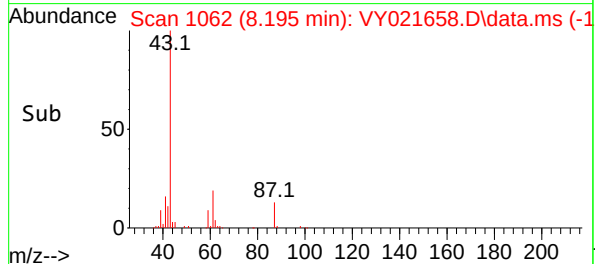
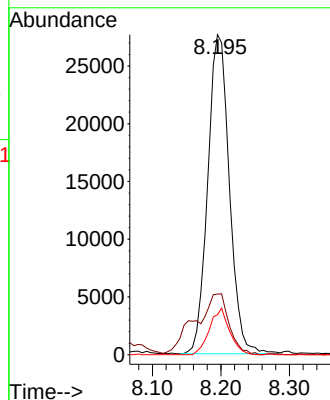
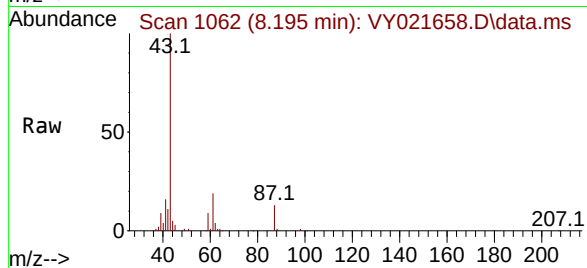
VSTDIC020

Tgt Ion: 43	Resp: 6079
Ion Ratio	Lower Upper
43	100
61	29.8 15.9 23.9
87	13.4 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#44

Trichloroethene

Concen: 19.215 ug/l

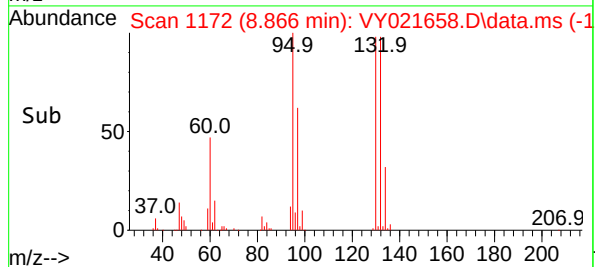
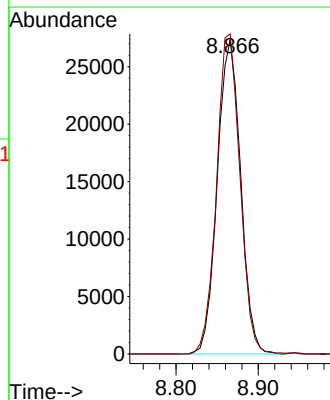
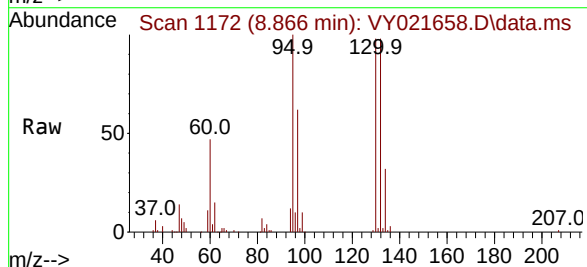
RT: 8.866 min Scan# 1172

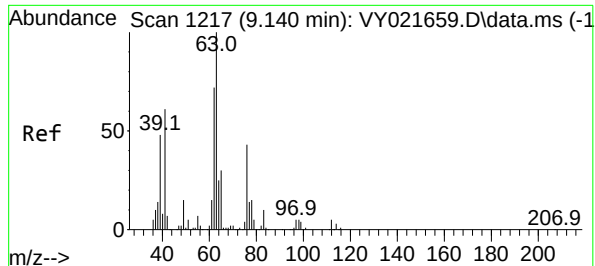
Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Tgt Ion:130	Resp: 54015
Ion Ratio	Lower Upper
130	100
95	102.0 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.088 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 49850

Ion Ratio Lower Upper

63 100

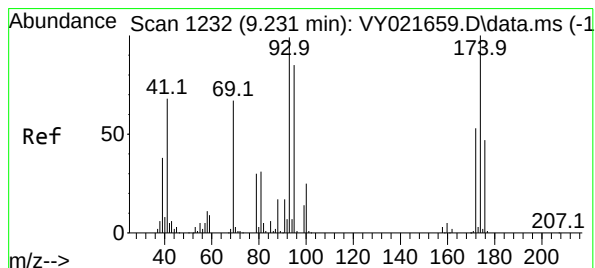
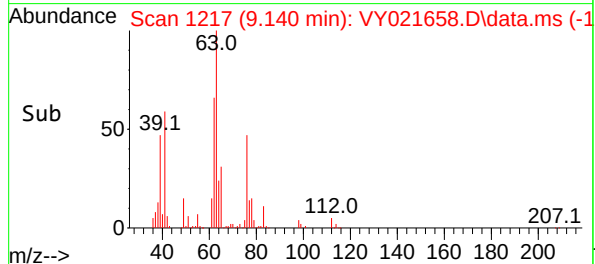
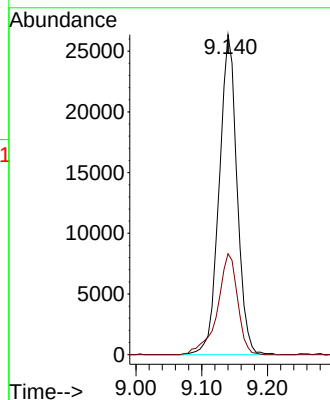
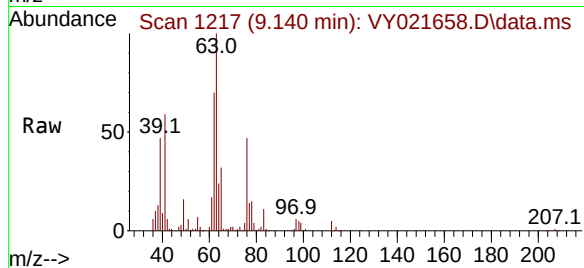
65 31.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#46

Dibromomethane

Concen: 19.067 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

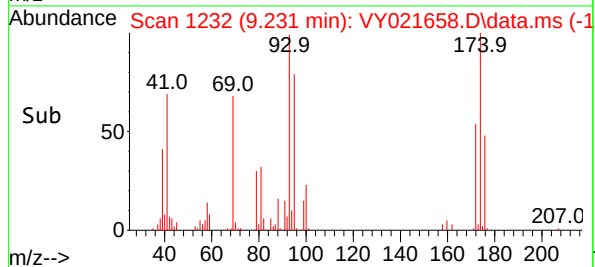
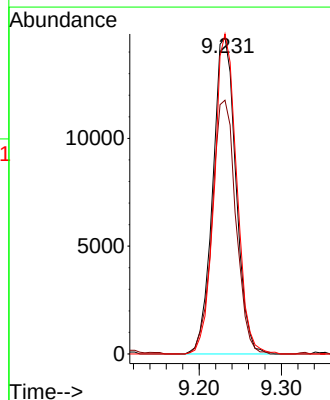
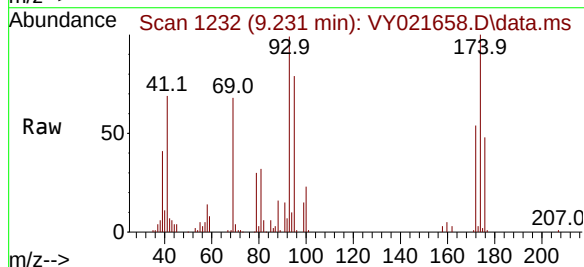
Tgt Ion: 93 Resp: 28698

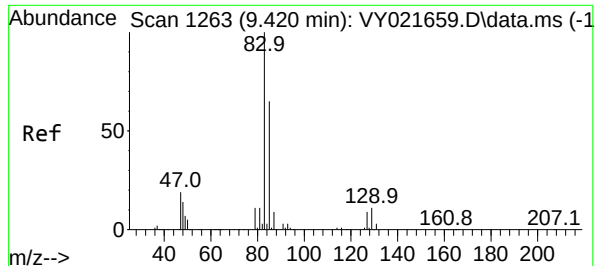
Ion Ratio Lower Upper

93 100

95 81.9 68.1 102.1

174 97.9 80.9 121.3





#47

Bromodichloromethane

Concen: 19.262 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

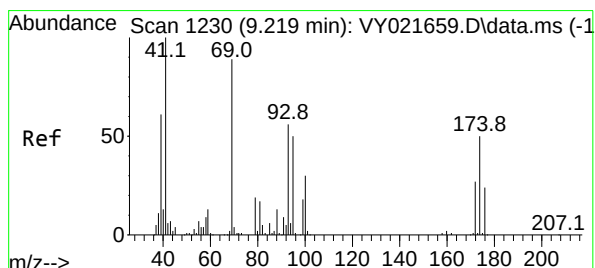
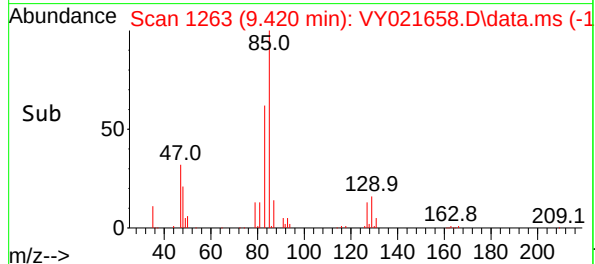
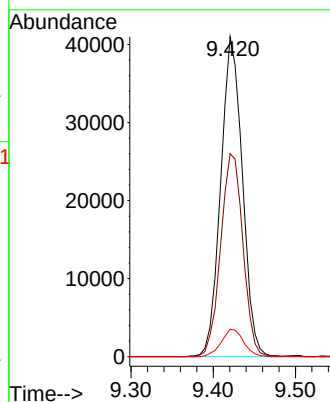
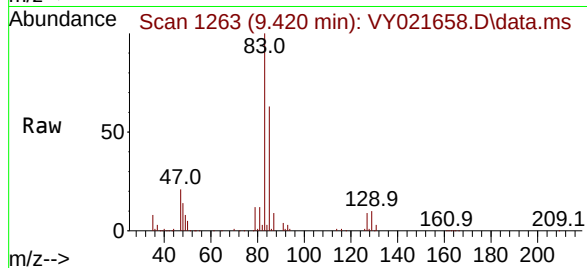
VSTDIC020

Tgt Ion:	83	Resp:	7512
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.8	77.6
127	8.5	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48

Methyl methacrylate

Concen: 17.695 ug/l

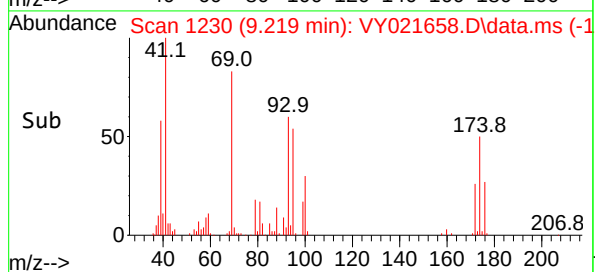
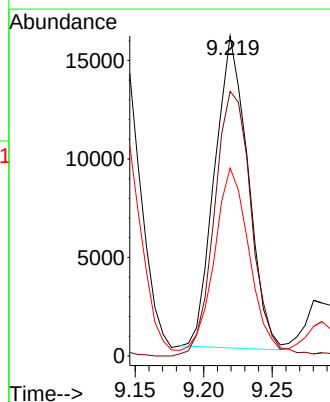
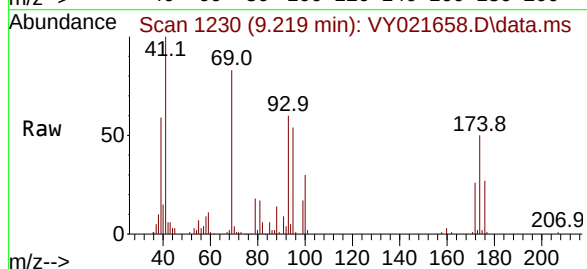
RT: 9.219 min Scan# 1230

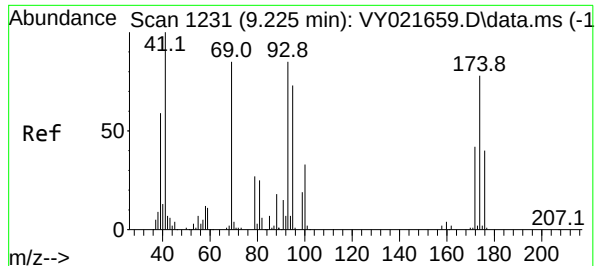
Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Tgt Ion:	41	Resp:	26759
Ion	Ratio	Lower	Upper
41	100		
69	95.3	69.8	104.8
39	60.0	47.2	70.8





#49

1,4-Dioxane

Concen: 388.254 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 6260

Ion Ratio Lower Upper

88 100

43 36.8 28.8 43.2

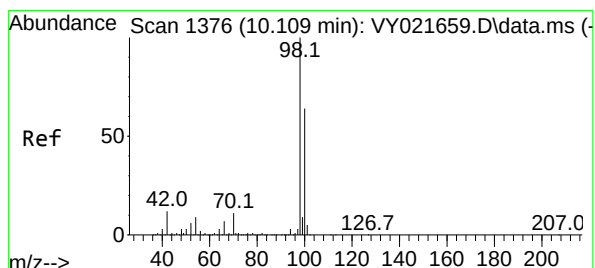
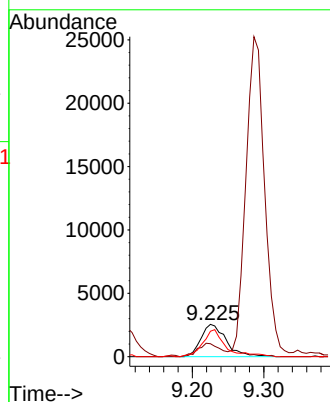
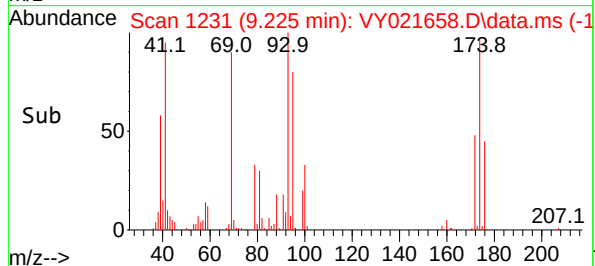
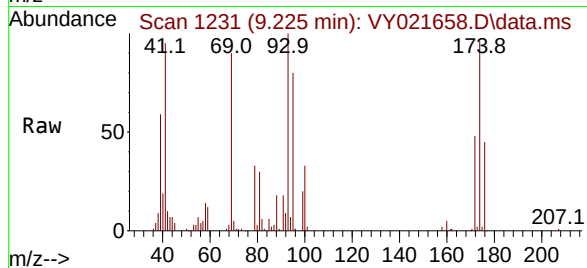
58 75.8 59.4 89.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#50

Toluene-d8

Concen: 18.262 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021658.D

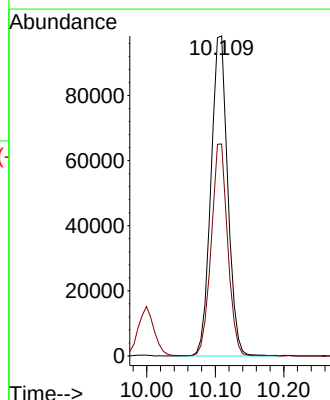
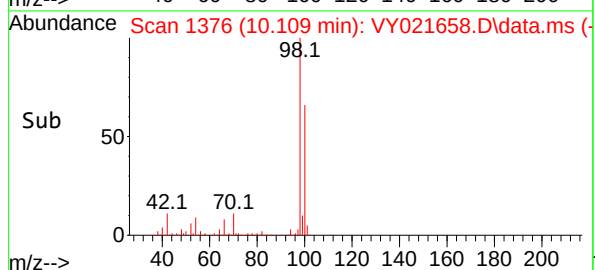
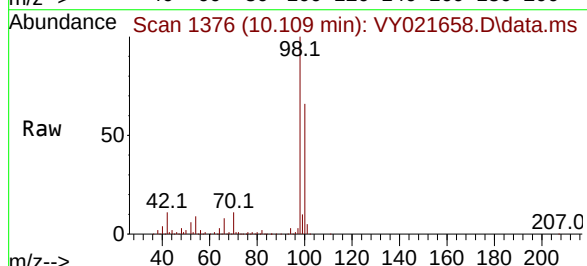
Acq: 27 Mar 2025 10:54

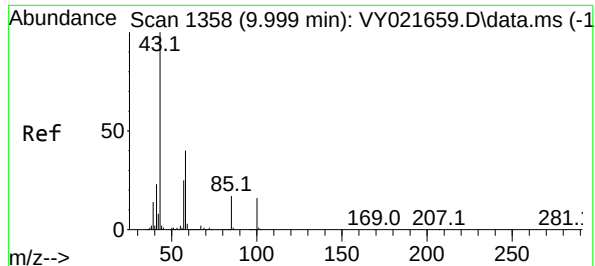
Tgt Ion: 98 Resp: 168040

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1





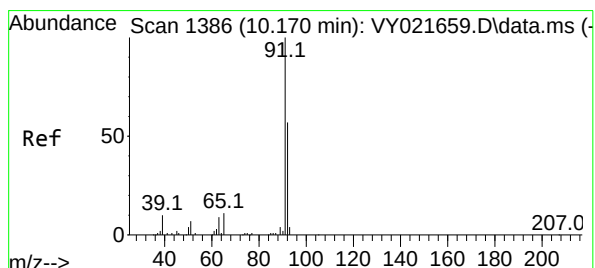
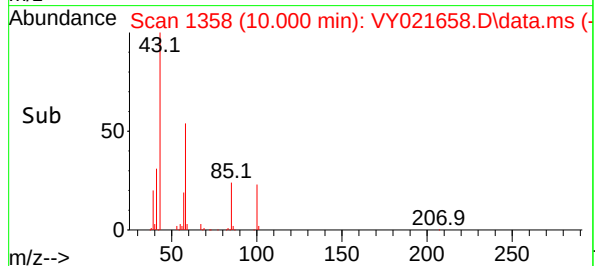
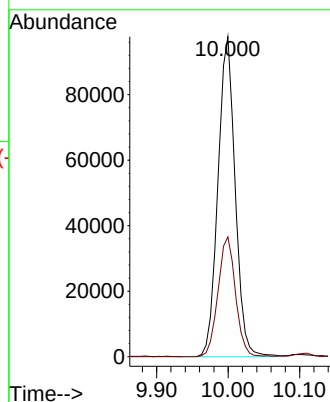
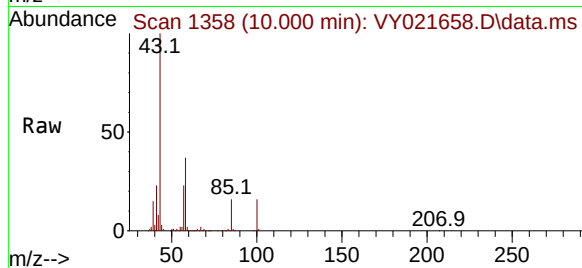
#51
4-Methyl-2-Pentanone
Concen: 95.304 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 163415
Ion Ratio Lower Upper
43 100
58 38.1 31.5 47.3

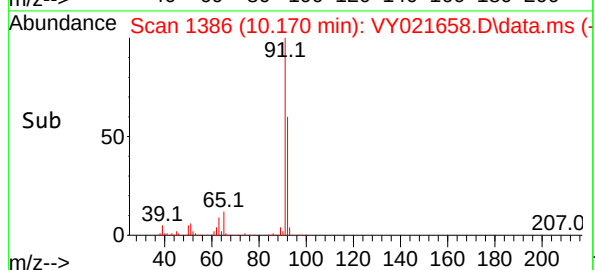
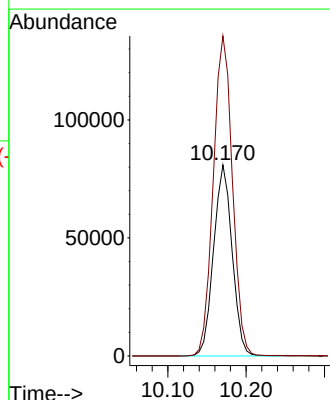
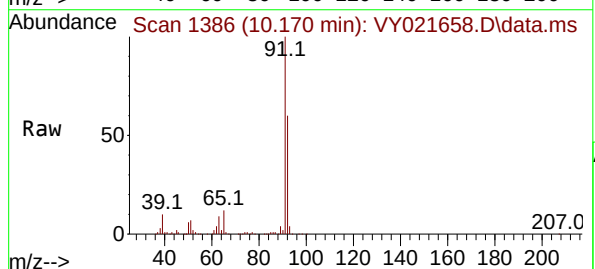
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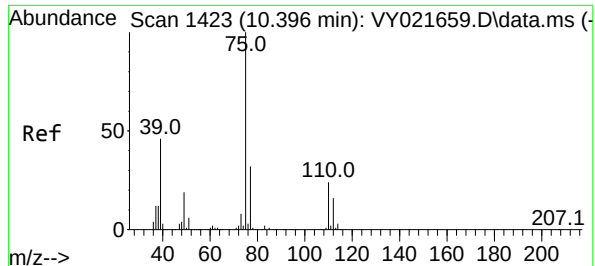
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 19.340 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Tgt Ion: 92 Resp: 133126
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8





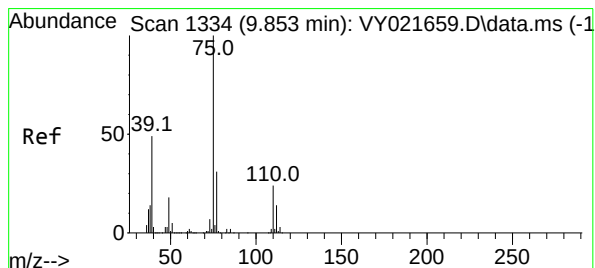
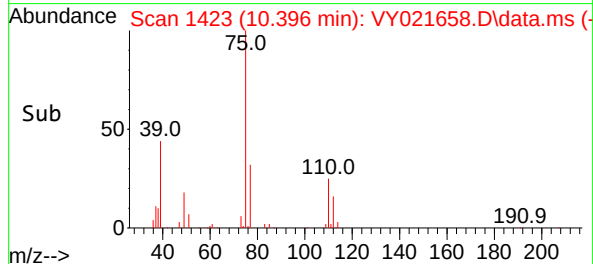
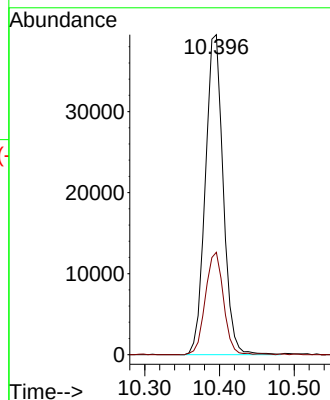
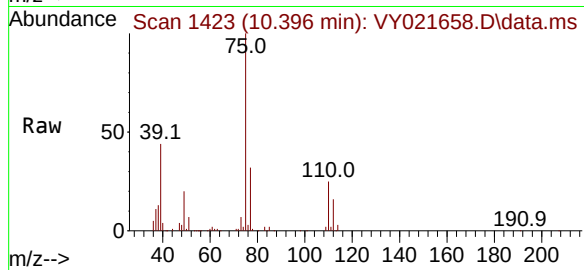
#53
t-1,3-Dichloropropene
Concen: 18.919 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 65530
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9

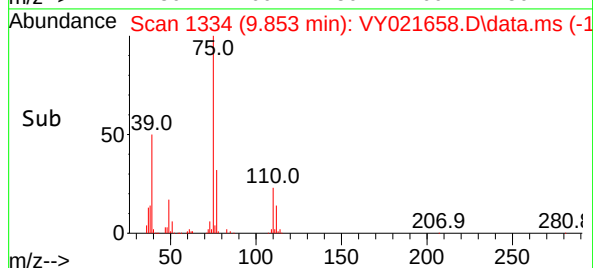
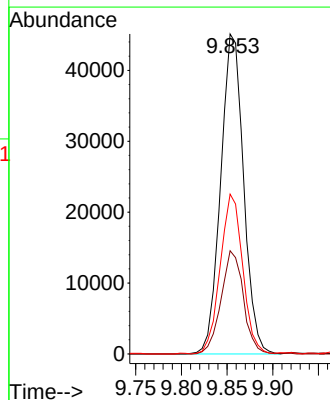
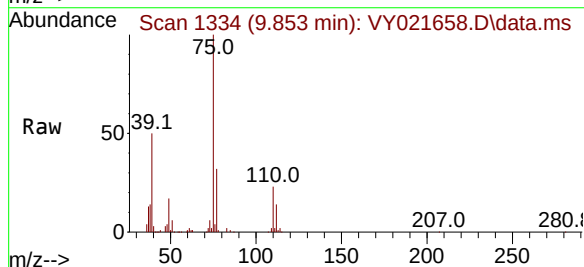
Manual Integrations
APPROVED

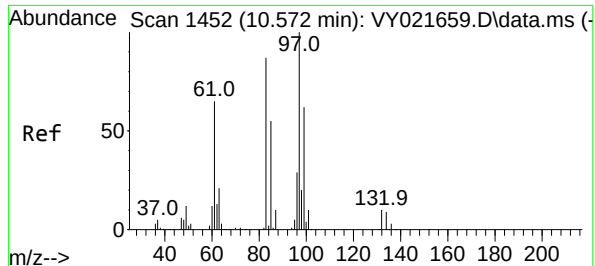
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#54
cis-1,3-Dichloropropene
Concen: 19.271 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Tgt Ion: 75 Resp: 78753
Ion Ratio Lower Upper
75 100
77 32.3 24.9 37.3
39 49.7 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 19.140 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 3707

Ion Ratio Lower Upper

97 100

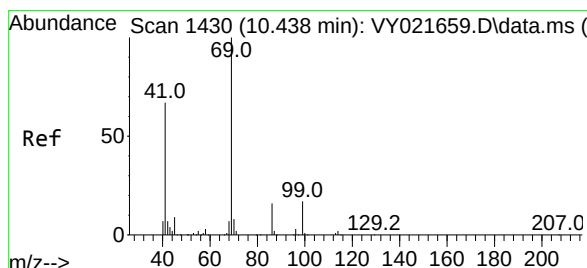
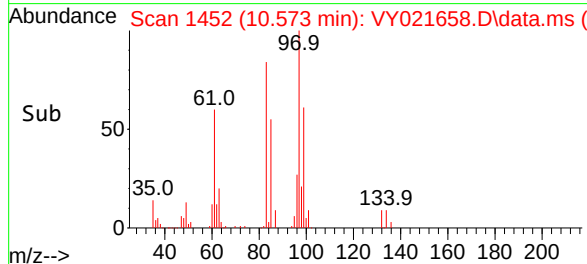
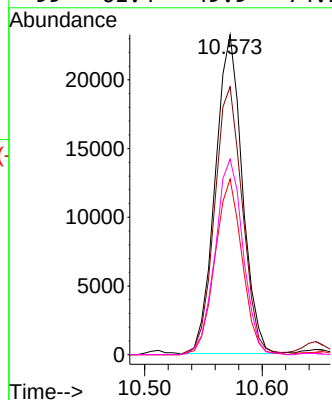
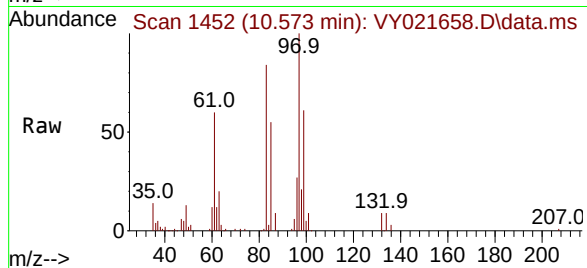
83 84.0 69.5 104.3

85 55.1 43.9 65.9

99 61.4 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#56

Ethyl methacrylate

Concen: 18.936 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

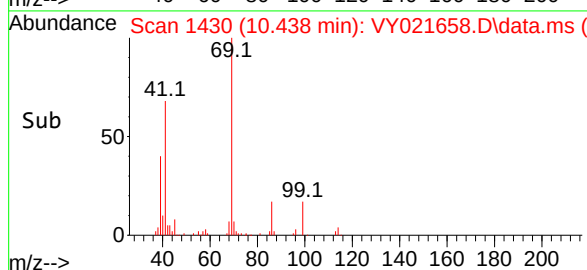
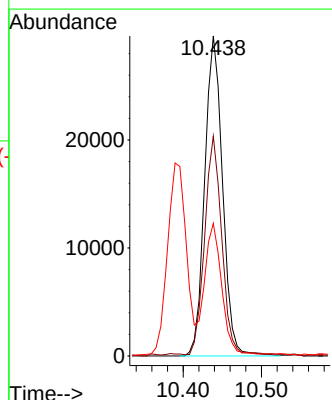
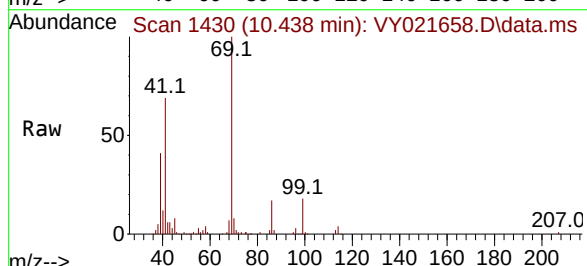
Tgt Ion: 69 Resp: 46833

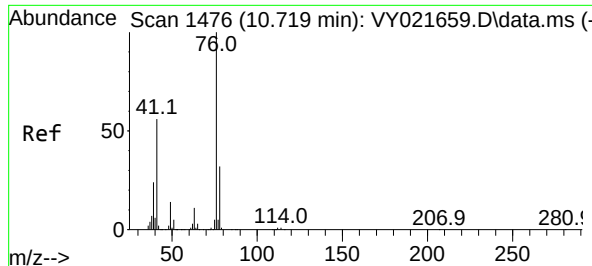
Ion Ratio Lower Upper

69 100

41 65.3 53.8 80.6

39 39.6 29.6 44.4





#57

1,3-Dichloropropane

Concen: 19.600 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 6556

Ion Ratio Lower Upper

76 100

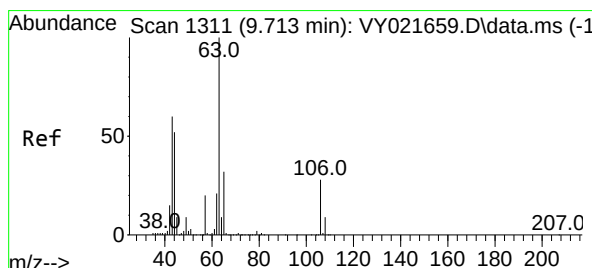
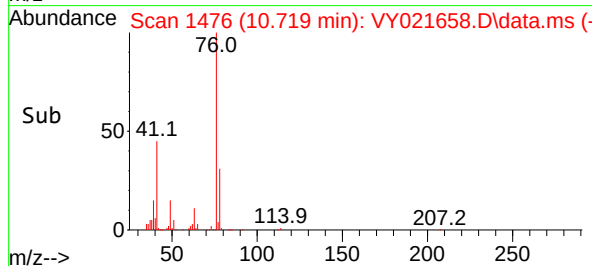
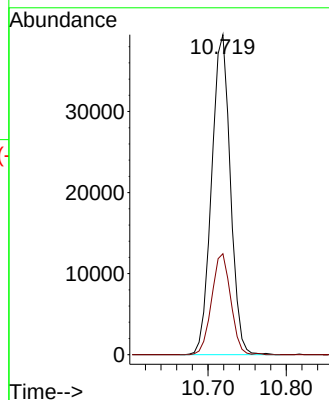
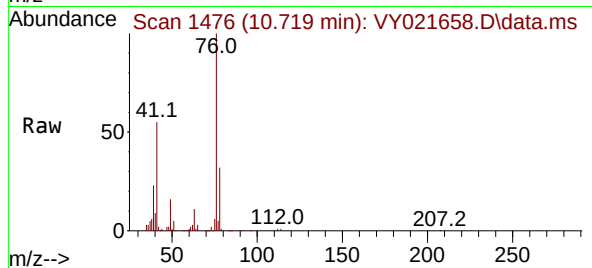
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 93.615 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021658.D

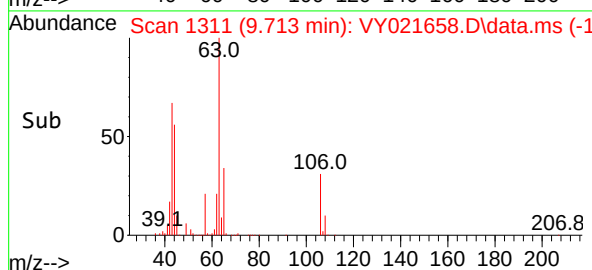
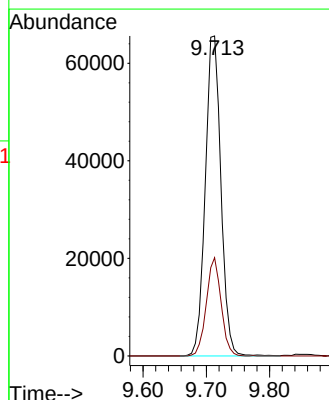
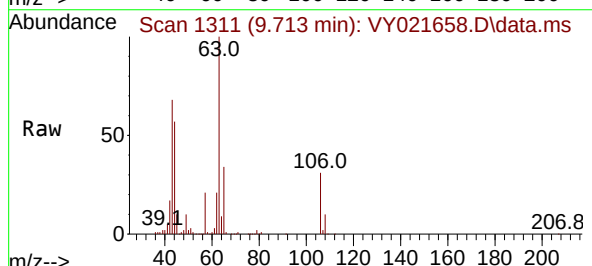
Acq: 27 Mar 2025 10:54

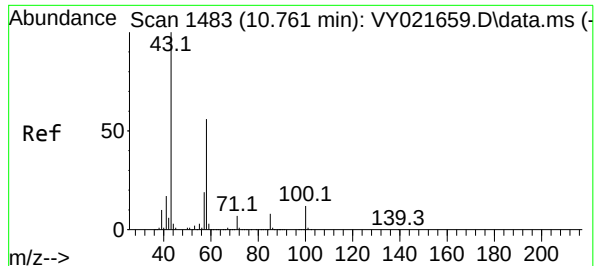
Tgt Ion: 63 Resp: 112947

Ion Ratio Lower Upper

63 100

106 28.9 22.4 33.6





#59

2-Hexanone

Concen: 94.241 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 107618

Ion Ratio Lower Upper

43 100

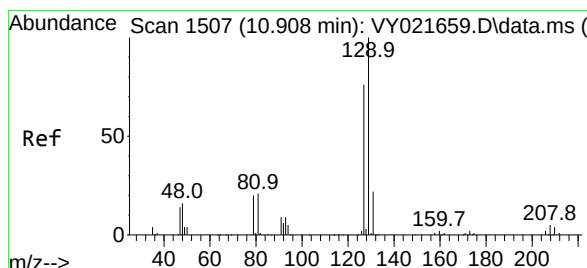
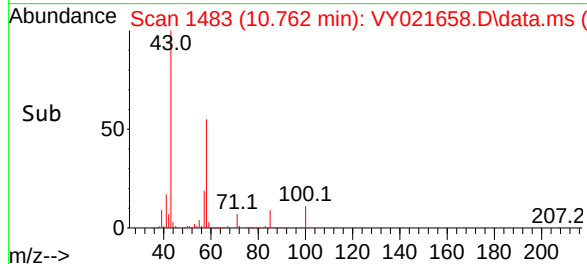
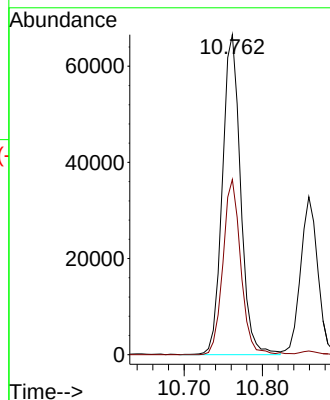
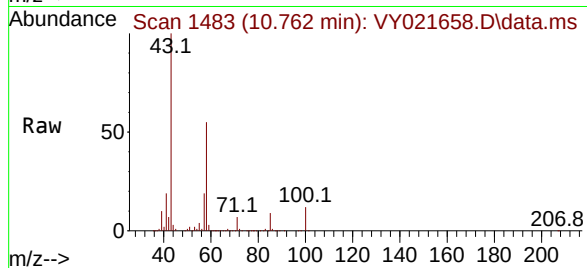
58 53.3 27.2 81.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#60

Dibromochloromethane

Concen: 19.187 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY021658.D

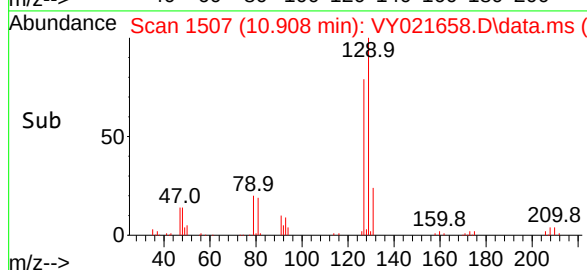
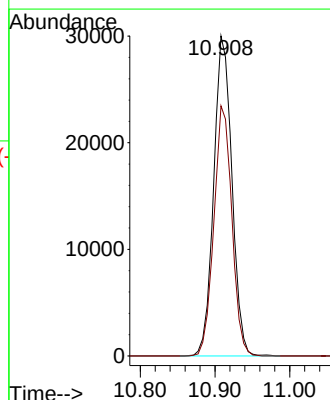
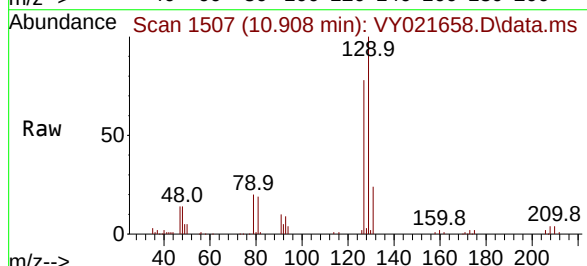
Acq: 27 Mar 2025 10:54

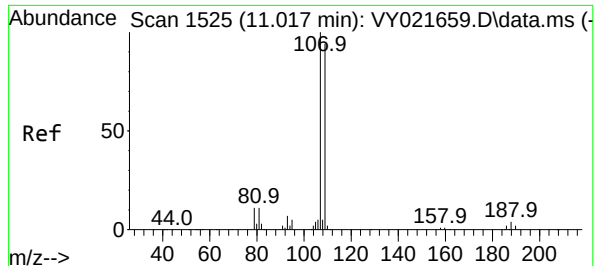
Tgt Ion:129 Resp: 50740

Ion Ratio Lower Upper

129 100

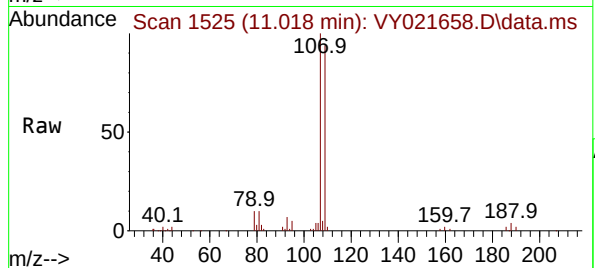
127 77.2 38.6 115.7





#61
1,2-Dibromoethane
Concen: 18.874 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

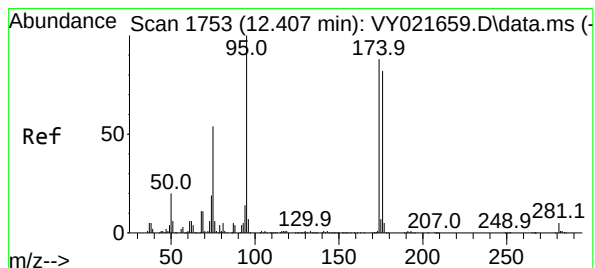
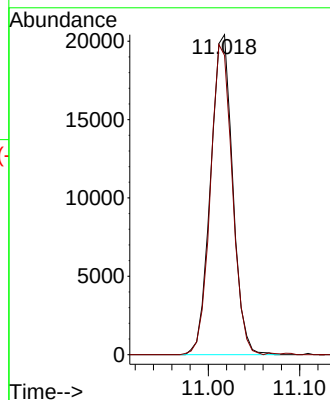
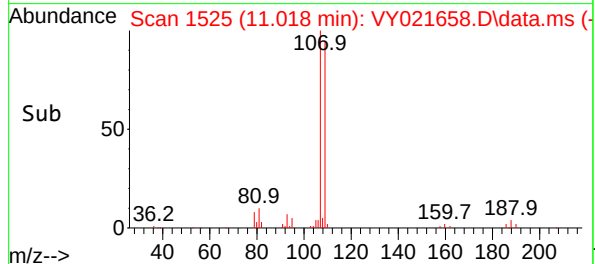
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 3429
Ion Ratio Lower Upper
107 100
109 95.9 74.4 111.6

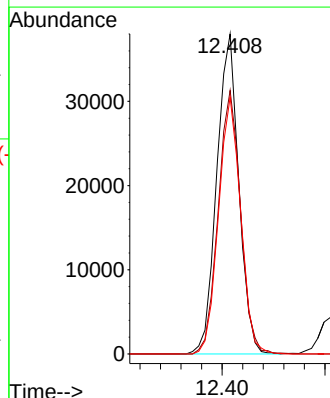
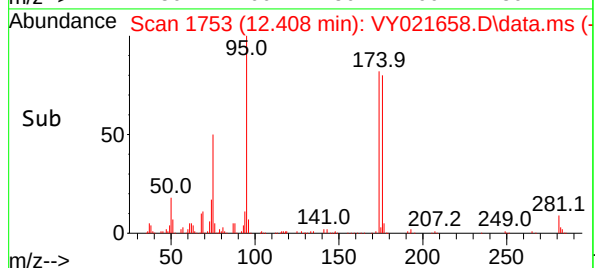
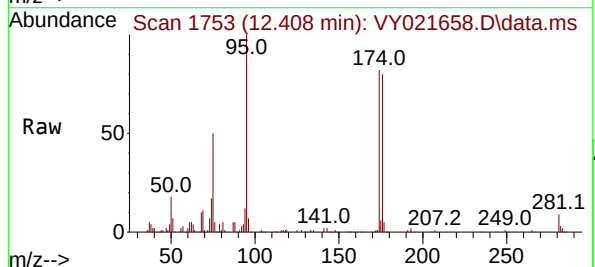
Manual Integrations
APPROVED

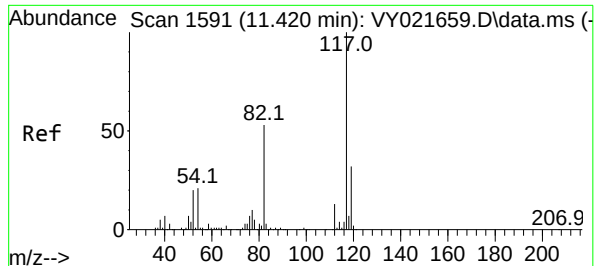
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 18.092 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Tgt Ion: 95 Resp: 56308
Ion Ratio Lower Upper
95 100
174 83.7 0.0 170.8
176 80.6 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:117 Resp: 32515

Ion Ratio Lower Upper

117 100

82 56.4 42.8 64.2

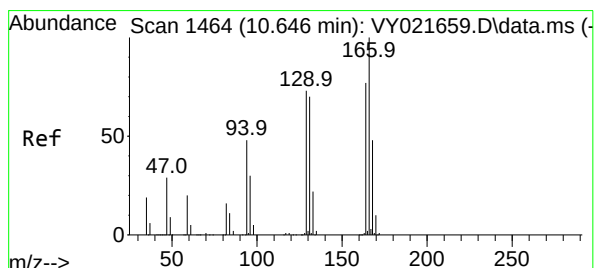
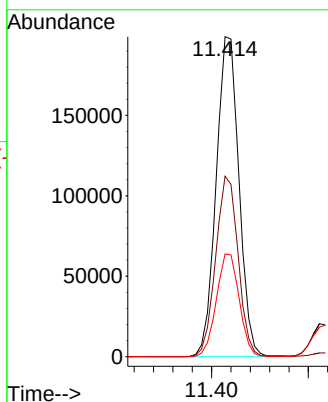
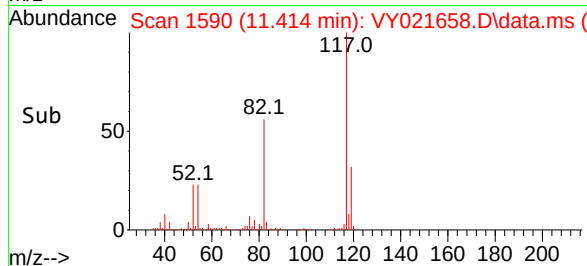
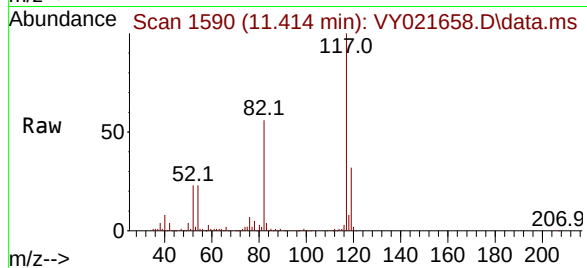
119 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#64

Tetrachloroethene

Concen: 19.897 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Tgt Ion:164 Resp: 58923

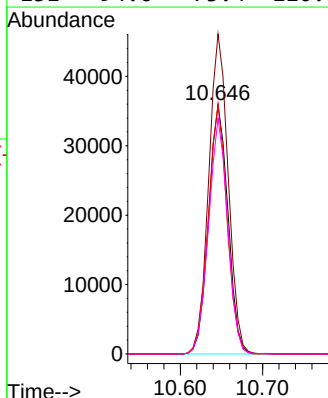
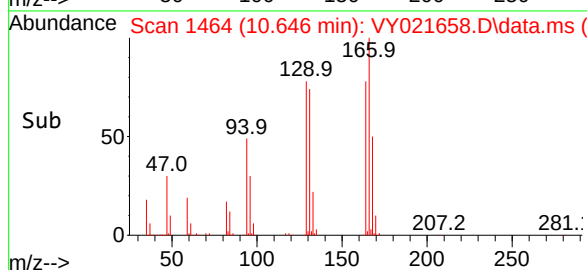
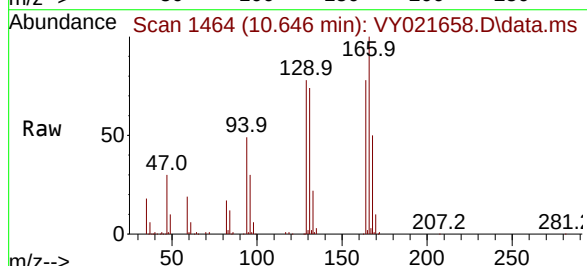
Ion Ratio Lower Upper

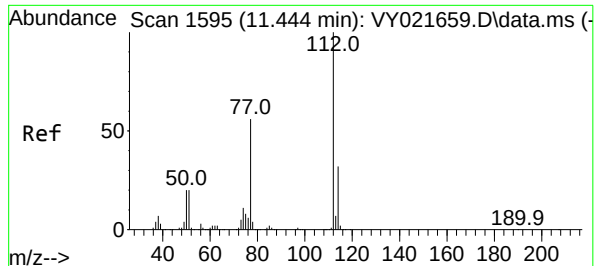
164 100

166 128.5 104.6 156.8

129 100.1 76.6 114.8

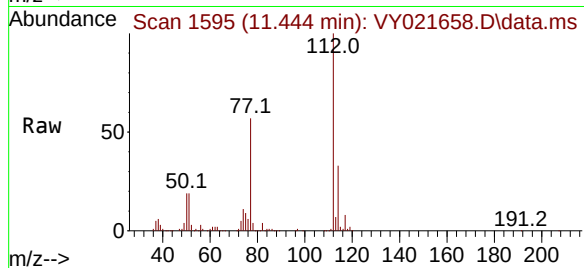
131 94.6 73.4 110.0





#65
Chlorobenzene
Concen: 19.375 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

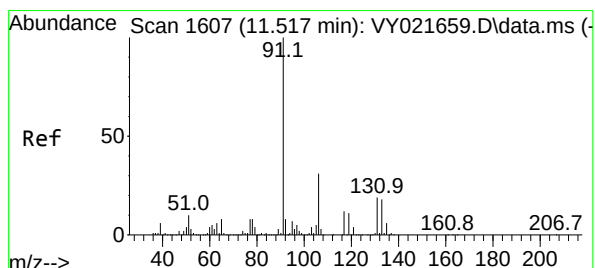
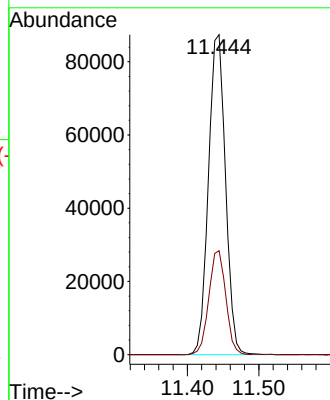
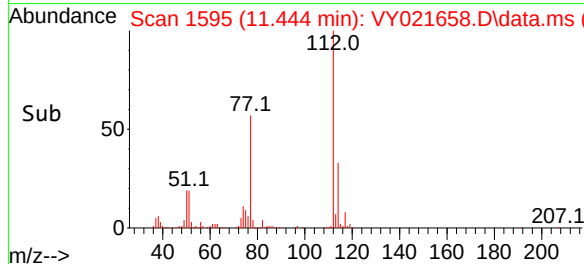
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:112 Resp: 14441
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9

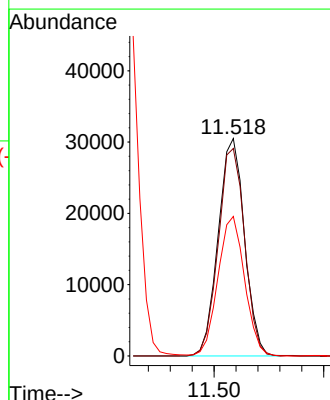
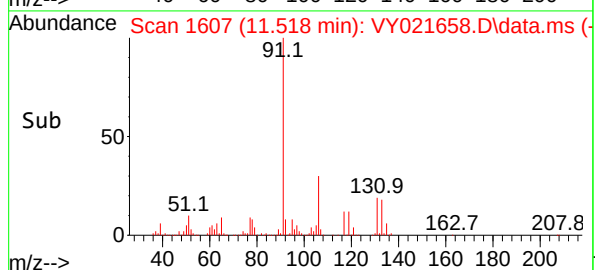
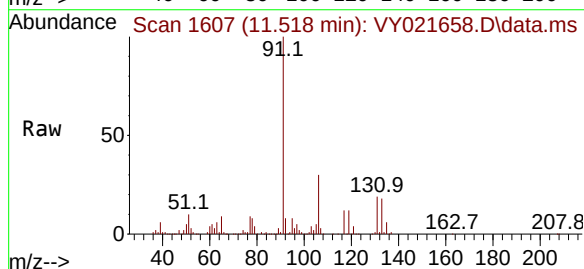
Manual Integrations
APPROVED

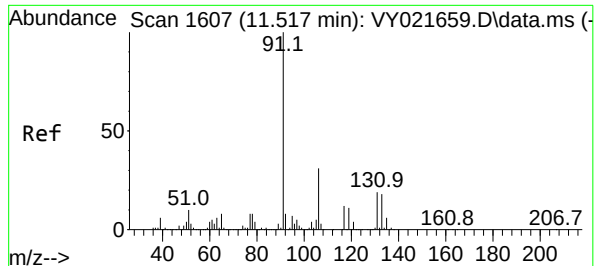
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.173 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Tgt Ion:131 Resp: 50703
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.8
119 65.2 31.6 95.0





#67

Ethyl Benzene

Concen: 19.515 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 249430

Ion Ratio Lower Upper

91 100

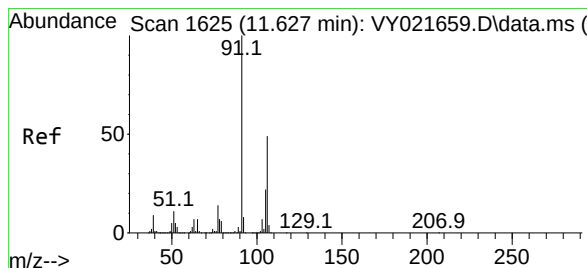
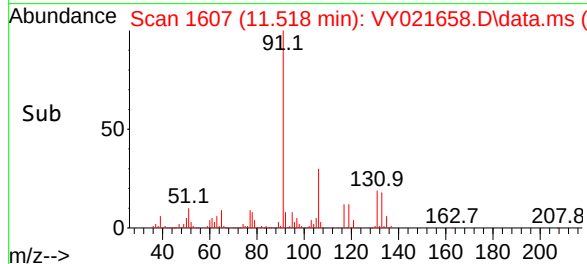
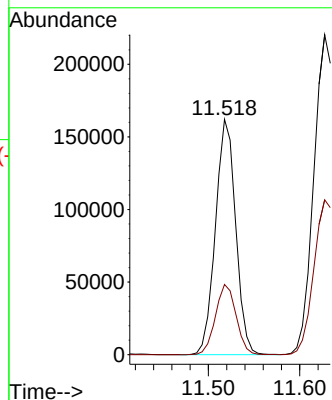
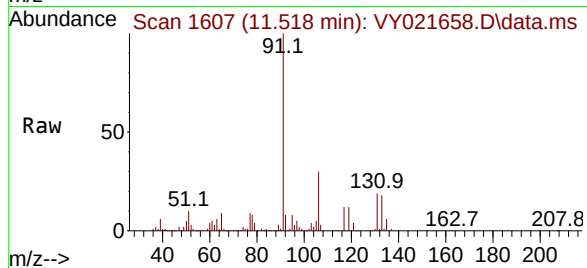
106 29.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#68

m/p-Xylenes

Concen: 39.549 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021658.D

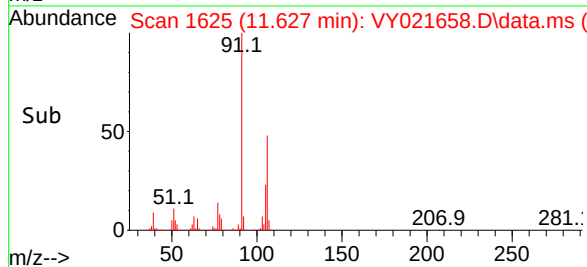
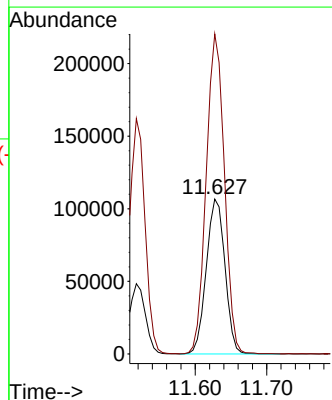
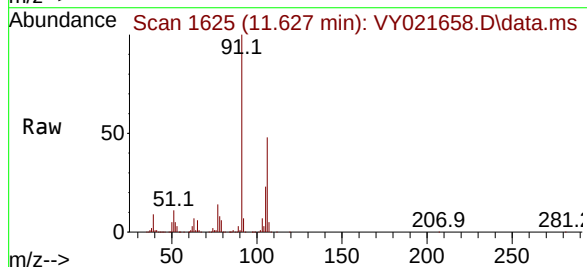
Acq: 27 Mar 2025 10:54

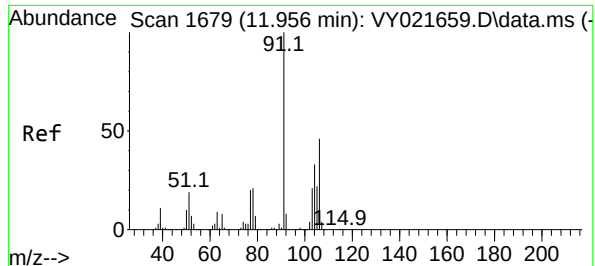
Tgt Ion:106 Resp: 193566

Ion Ratio Lower Upper

106 100

91 201.0 162.4 243.6





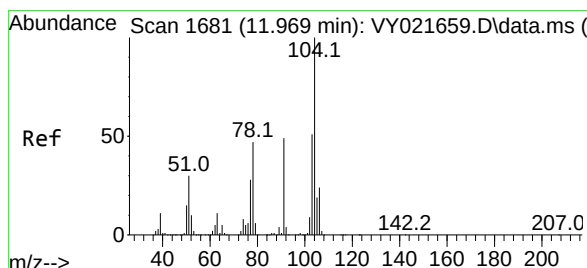
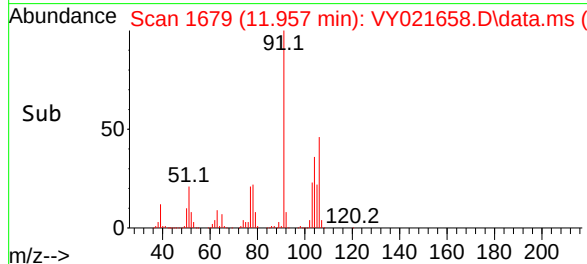
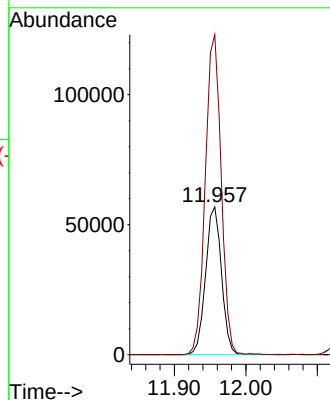
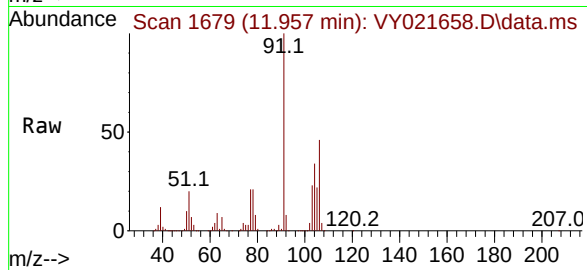
#69
o-Xylene
Concen: 19.462 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 8792
Ion Ratio Lower Upper
106 100
91 216.7 106.7 319.9

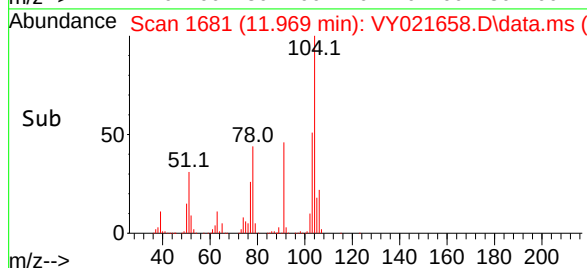
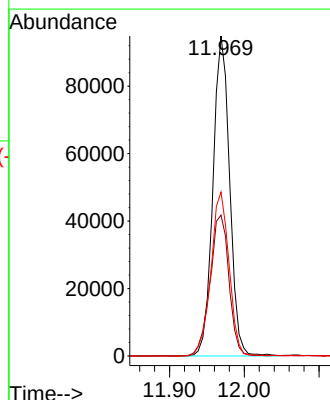
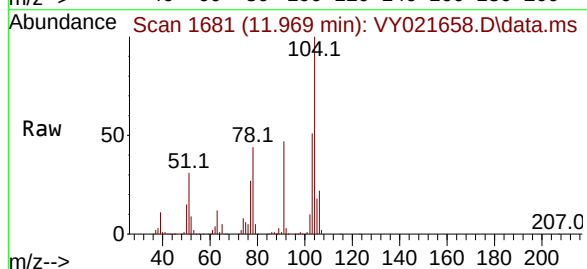
Manual Integrations
APPROVED

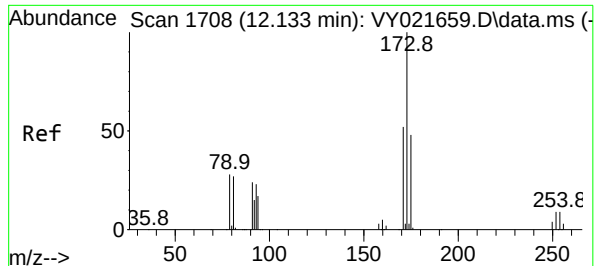
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 19.580 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

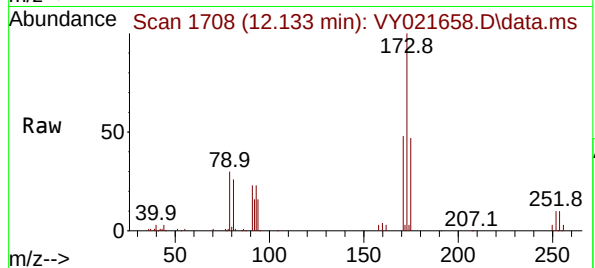
Tgt Ion:104 Resp: 147490
Ion Ratio Lower Upper
104 100
78 49.9 40.8 61.2
103 55.7 44.2 66.2





#71
Bromoform
Concen: 19.706 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

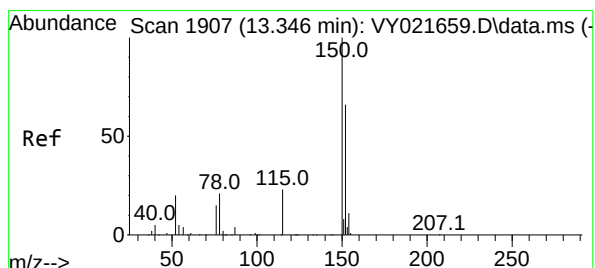
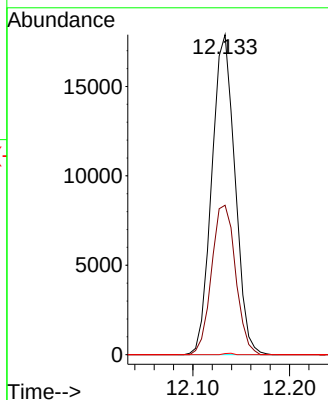
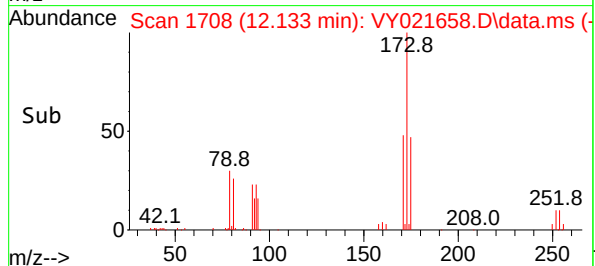
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 29720
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.2 0.1 0.1

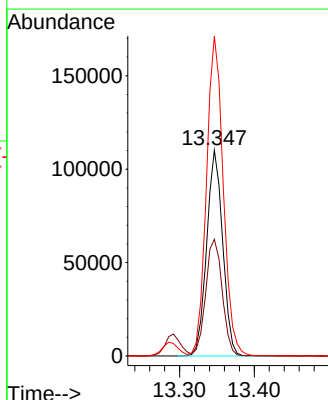
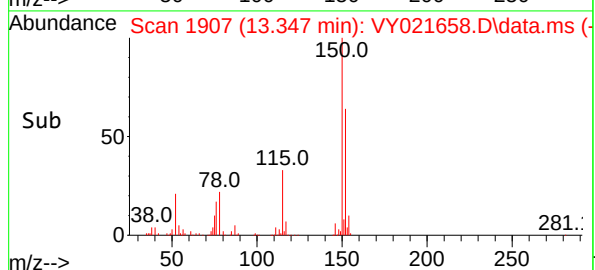
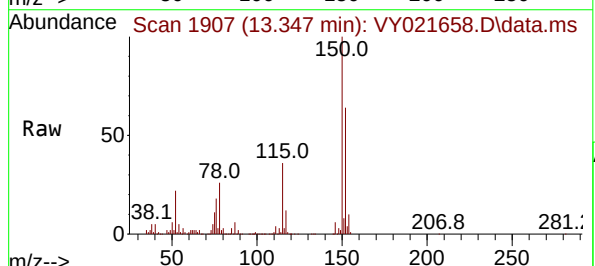
Manual Integrations
APPROVED

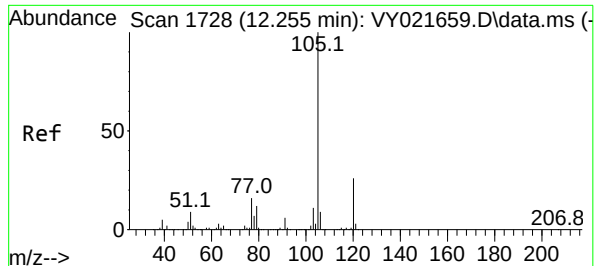
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

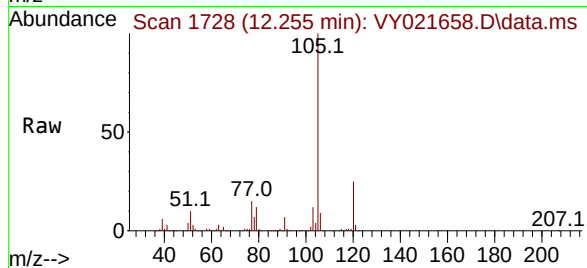
Tgt Ion:152 Resp: 163591
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 162.8 0.0 348.4





#73
Isopropylbenzene
Concen: 19.290 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

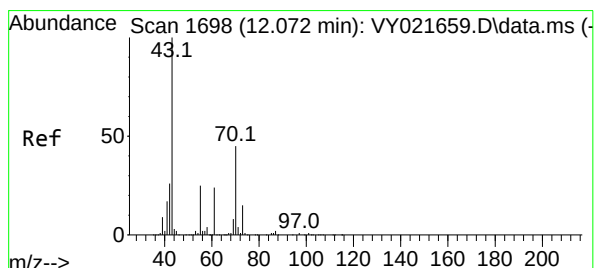
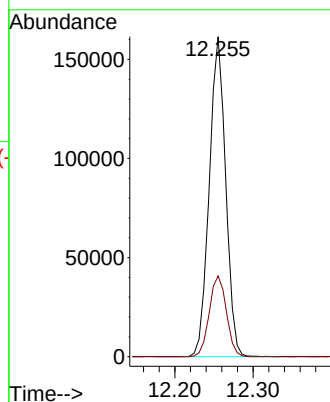
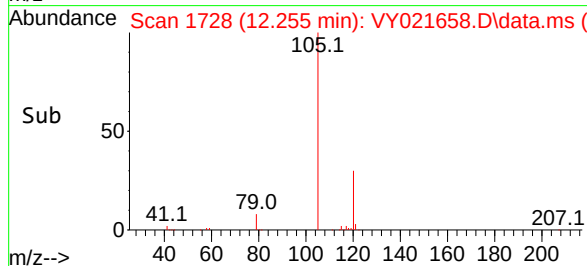
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:105 Resp: 234380
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5

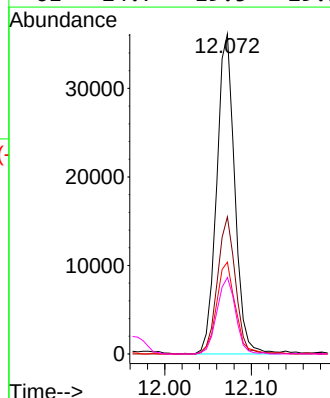
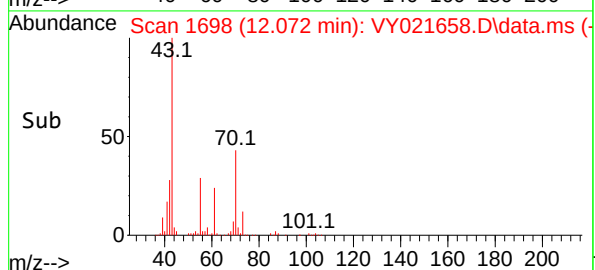
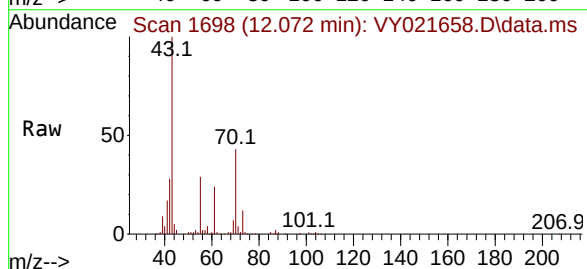
Manual Integrations
APPROVED

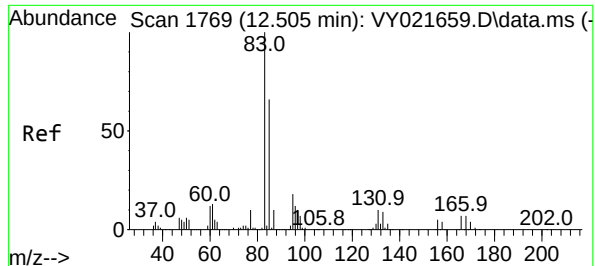
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#74
N-ethyl acetate
Concen: 18.355 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

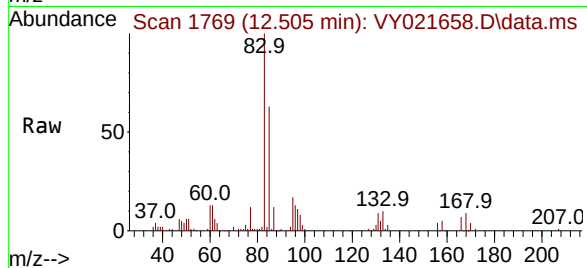
Tgt Ion: 43 Resp: 52342
Ion Ratio Lower Upper
43 100
70 42.9 34.7 52.1
55 30.0 21.2 31.8
61 24.7 19.5 29.3





#75
1,1,2,2-Tetrachloroethane
Concen: 18.438 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

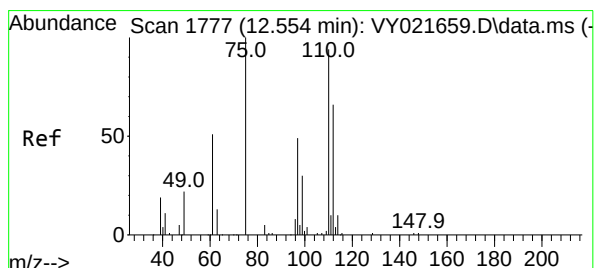
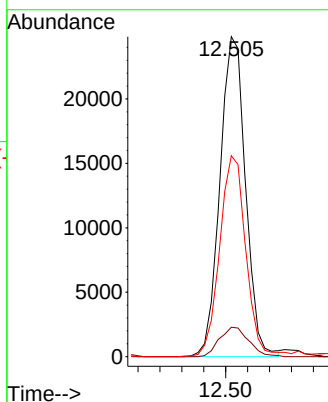
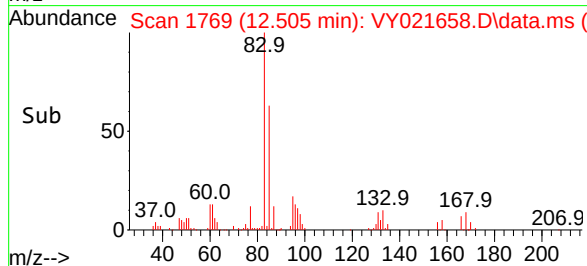
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 40279
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 64.3 32.3 96.8

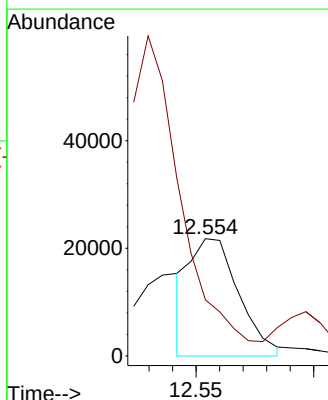
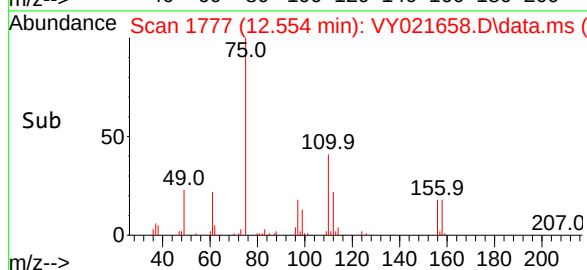
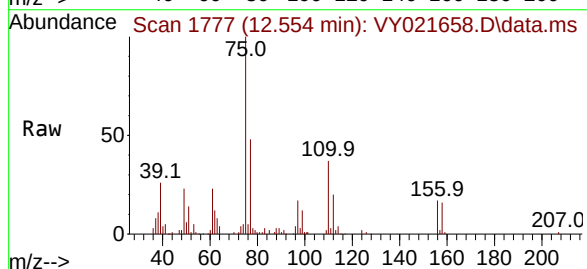
Manual Integrations
APPROVED

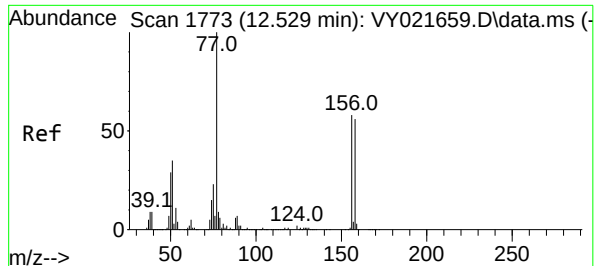
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#76
1,2,3-Trichloropropane
Concen: 19.644 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

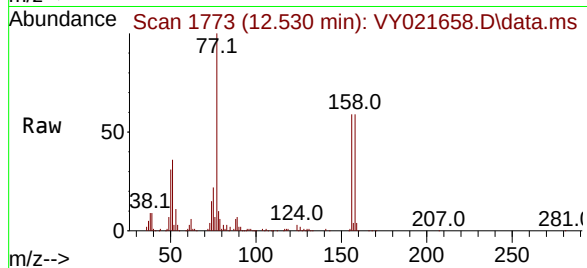
Tgt Ion: 75 Resp: 31855
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.119 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

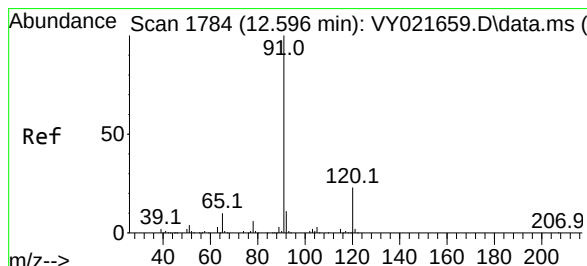
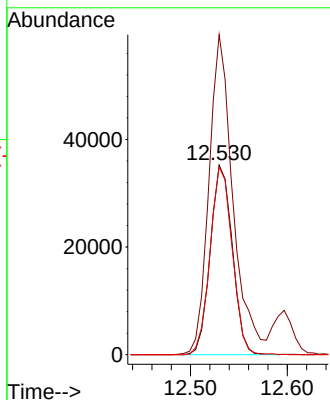
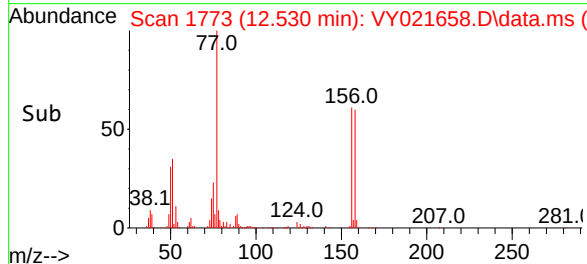
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:156 Resp: 55770
Ion Ratio Lower Upper
156 100
77 184.4 92.8 278.3
158 99.7 48.5 145.6

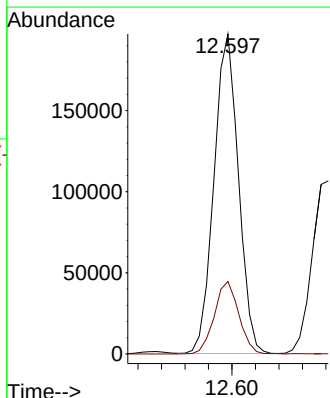
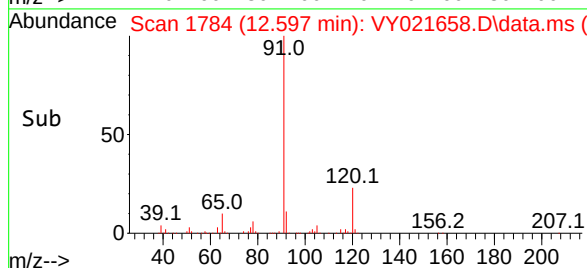
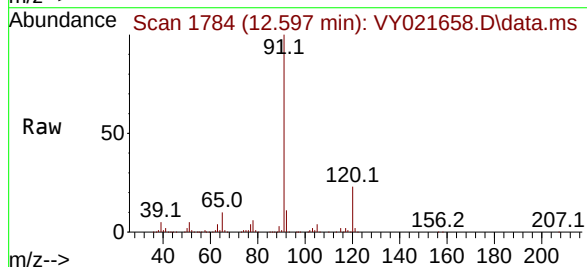
Manual Integrations
APPROVED

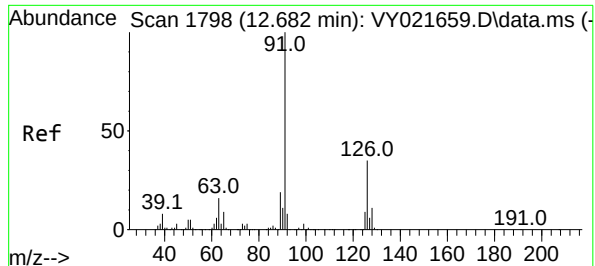
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#78
n-propylbenzene
Concen: 19.480 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Tgt Ion: 91 Resp: 284563
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.555 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 16591

Ion Ratio Lower Upper

91 100

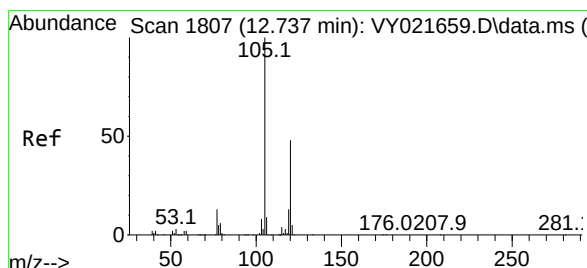
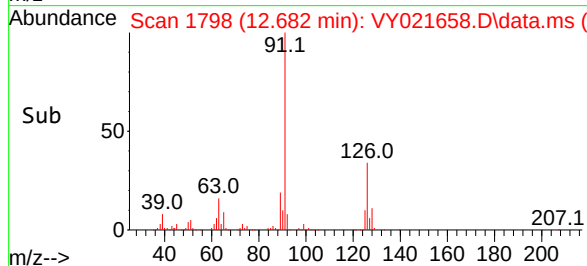
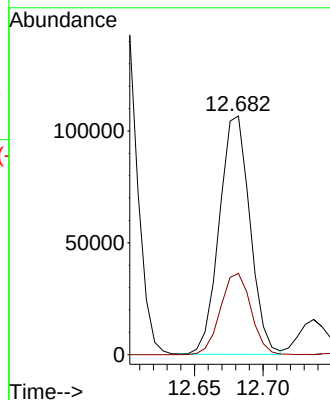
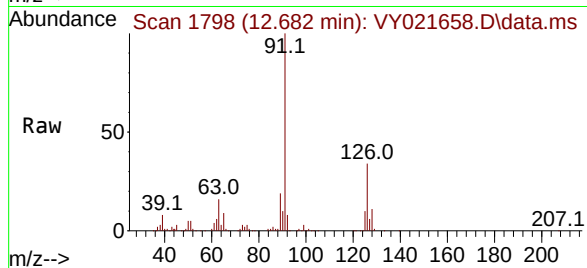
126 34.0 17.3 52.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 19.651 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021658.D

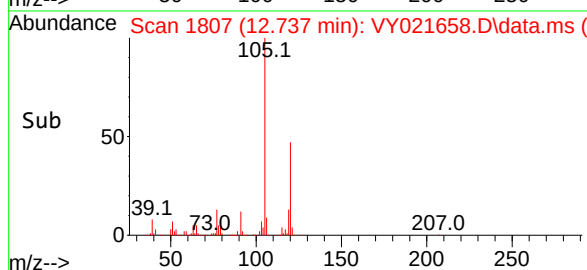
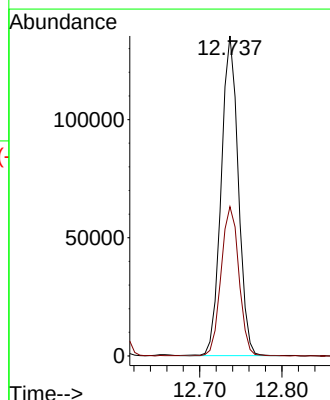
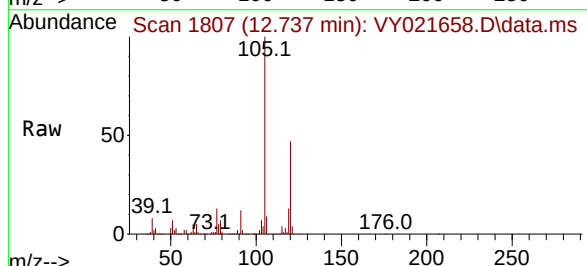
Acq: 27 Mar 2025 10:54

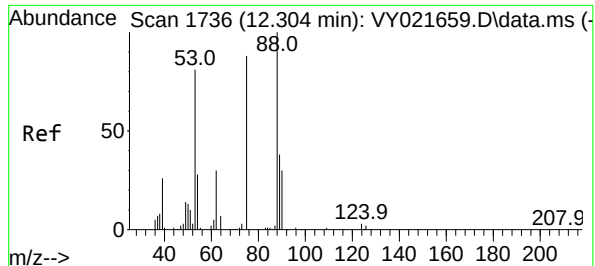
Tgt Ion:105 Resp: 195141

Ion Ratio Lower Upper

105 100

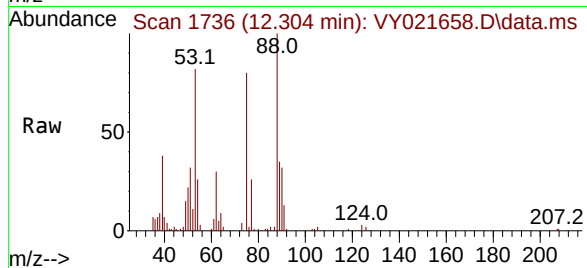
120 48.8 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 18.502 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

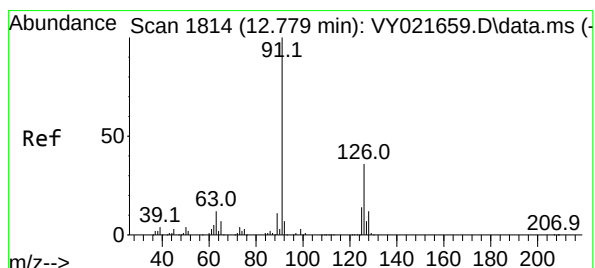
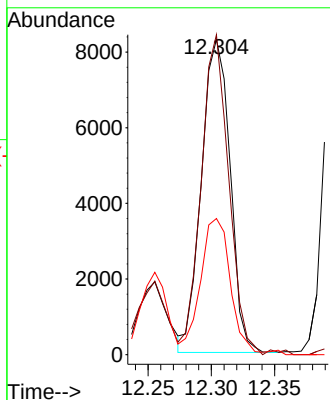
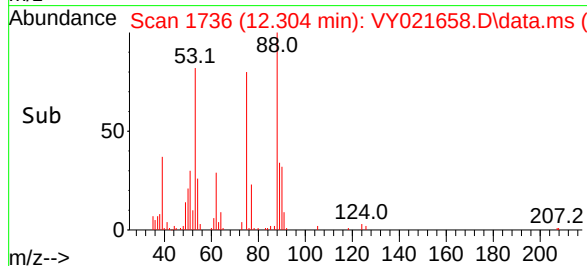
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 1302
Ion Ratio Lower Upper
75 100
53 98.6 76.1 114.1
89 44.2 36.2 54.4

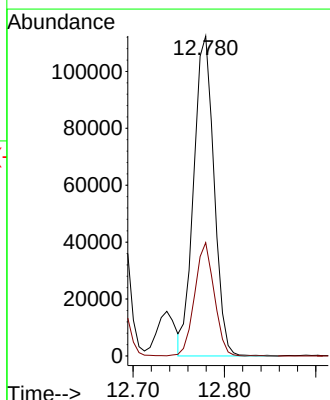
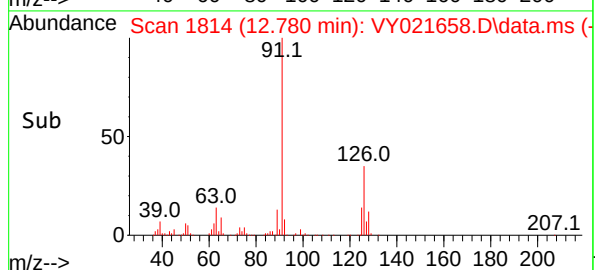
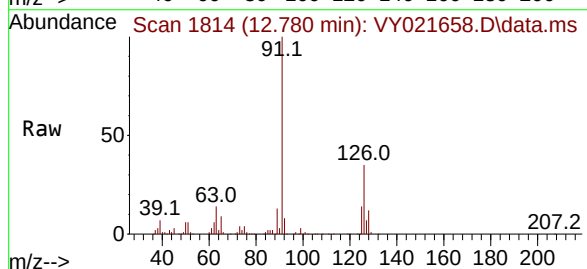
Manual Integrations
APPROVED

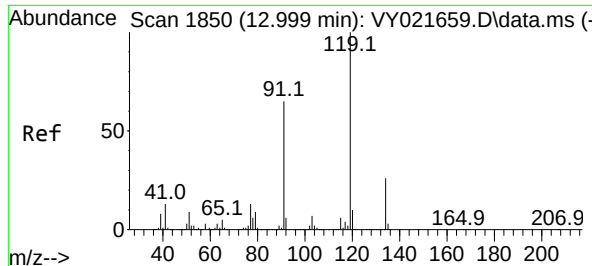
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#82
4-Chlorotoluene
Concen: 19.593 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

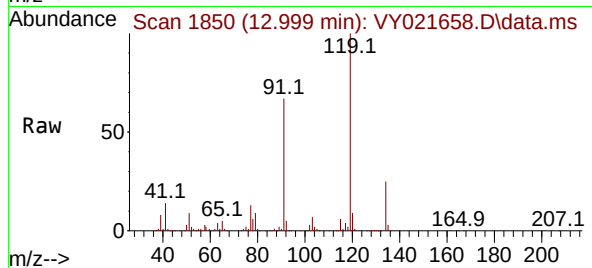
Tgt Ion: 91 Resp: 173311
Ion Ratio Lower Upper
91 100
126 34.1 17.0 50.9





#83
tert-Butylbenzene
Concen: 19.357 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

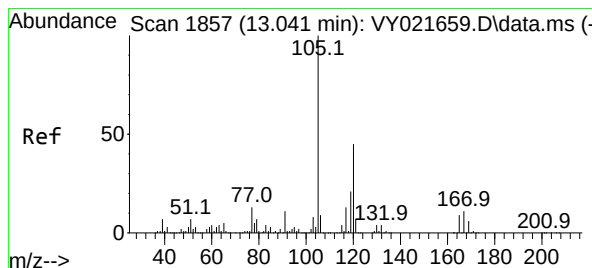
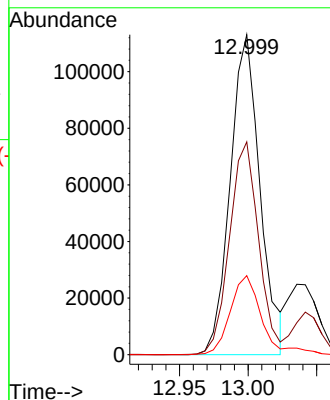
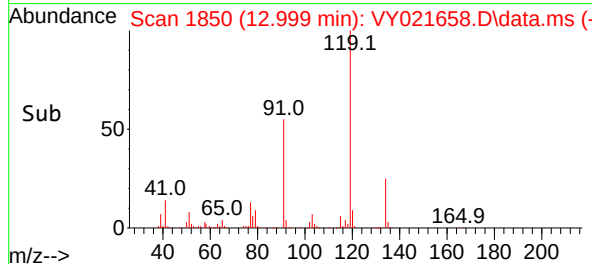
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:119 Resp: 171210
Ion Ratio Lower Upper
119 100
91 65.1 32.6 97.7
134 26.1 13.2 39.6

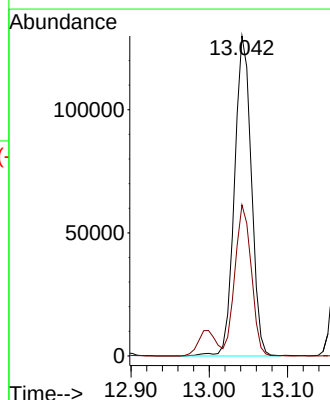
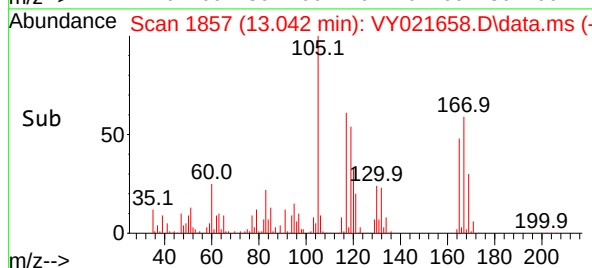
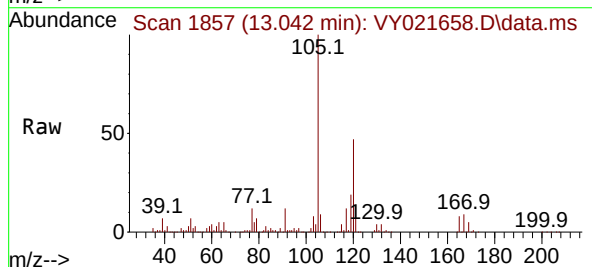
Manual Integrations
APPROVED

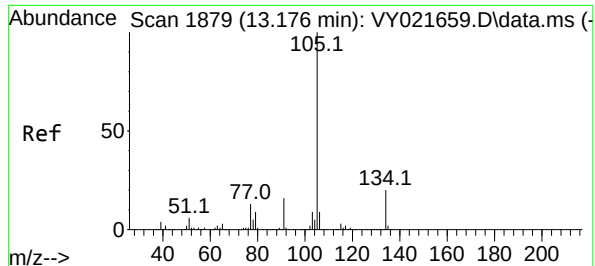
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.734 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

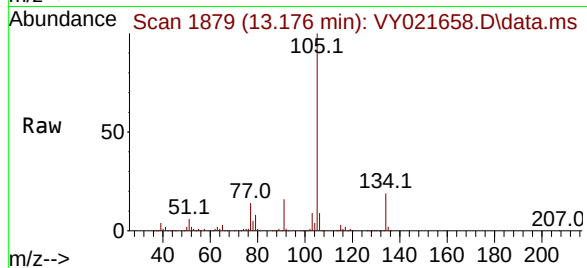
Tgt Ion:105 Resp: 193683
Ion Ratio Lower Upper
105 100
120 45.9 22.7 68.1





#85
sec-Butylbenzene
Concen: 19.540 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

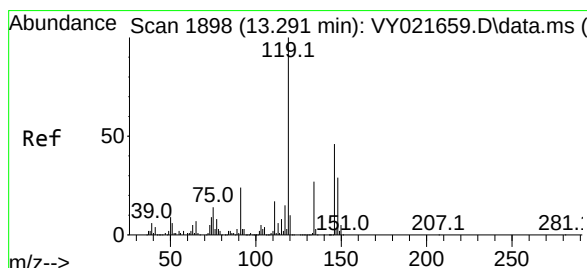
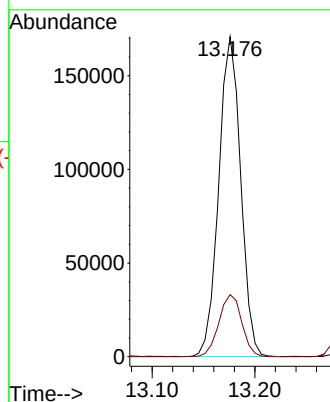
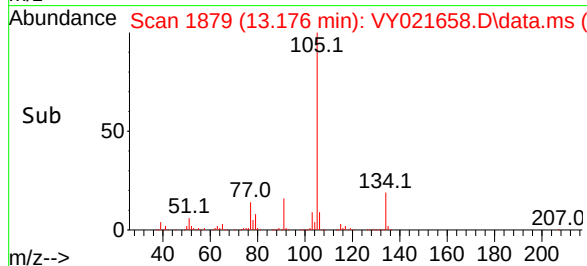
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



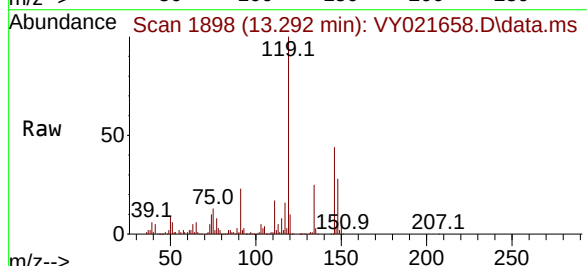
Tgt Ion:105 Resp: 25257
Ion Ratio Lower Upper
105 100
134 20.3 10.1 30.1

Manual Integrations
APPROVED

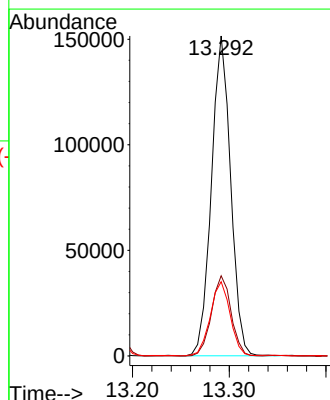
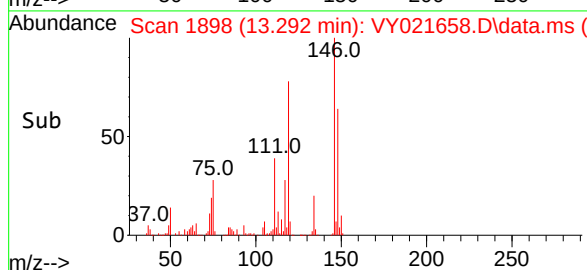
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

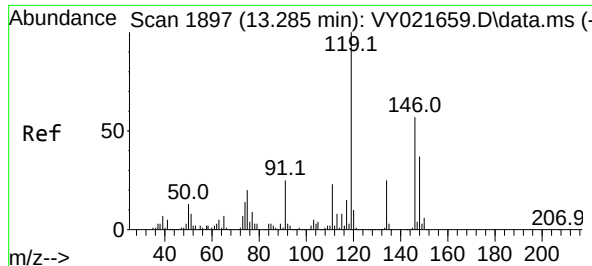


#86
p-Isopropyltoluene
Concen: 19.567 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54



Tgt Ion:119 Resp: 209041
Ion Ratio Lower Upper
119 100
134 25.6 13.2 39.5
91 23.9 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.431 ug/l

RT: 13.286 min Scan# 11168

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 11168

Ion Ratio Lower Upper

146 100

111 40.3 20.0 60.0

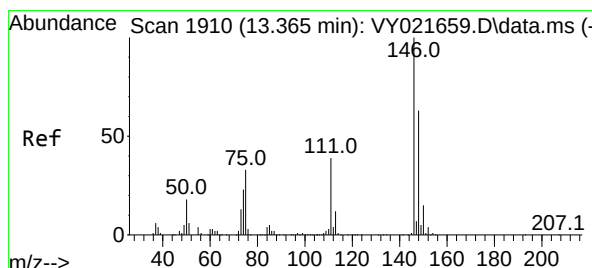
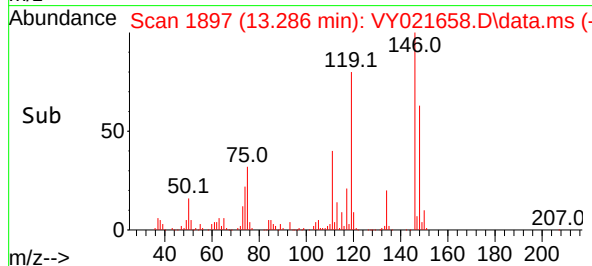
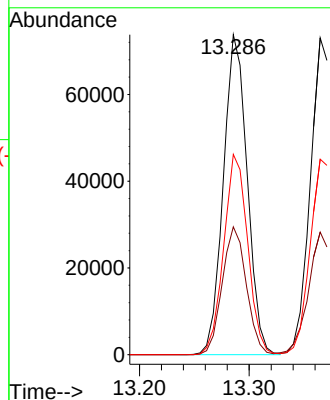
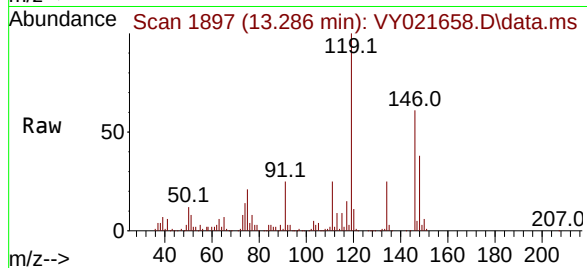
148 63.0 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#88

1,4-Dichlorobenzene

Concen: 19.636 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

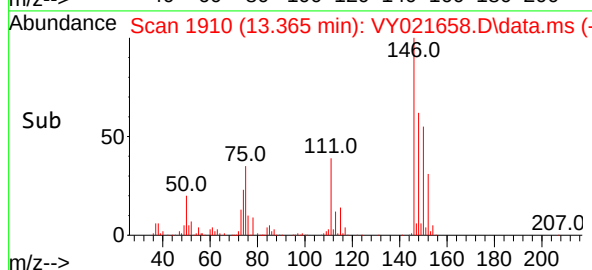
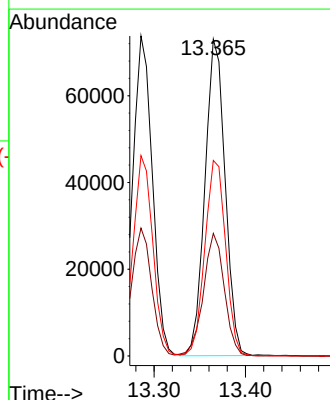
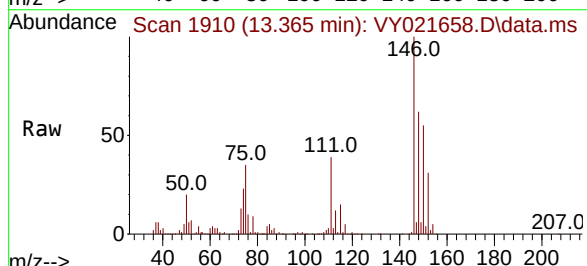
Tgt Ion:146 Resp: 111508

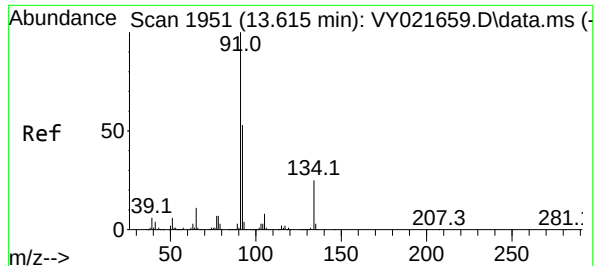
Ion Ratio Lower Upper

146 100

111 40.4 19.1 57.1

148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 19.416 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 191838

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

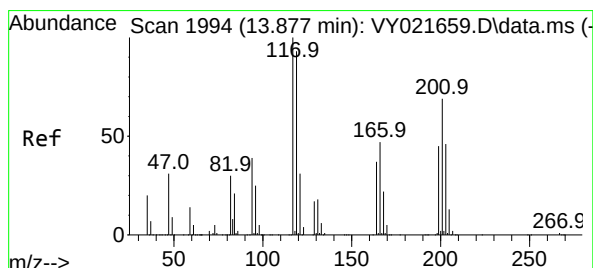
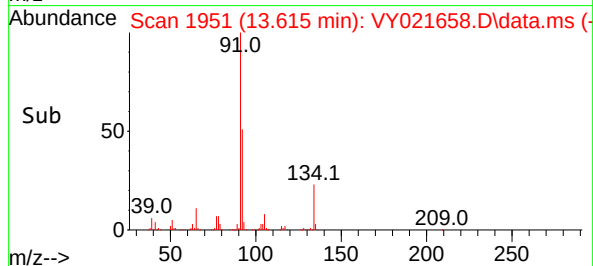
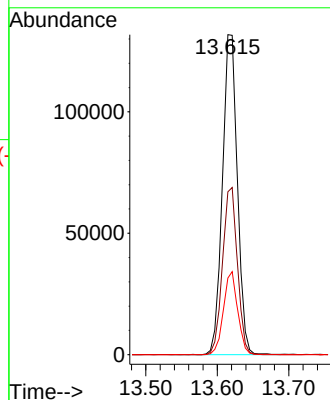
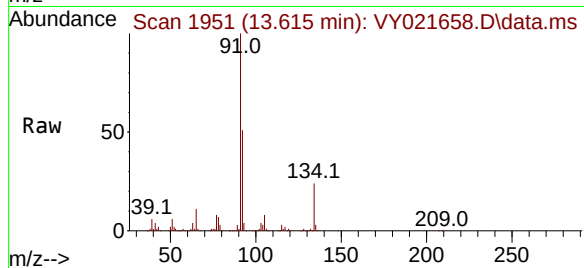
134 24.6 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#90

Hexachloroethane

Concen: 18.928 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021658.D

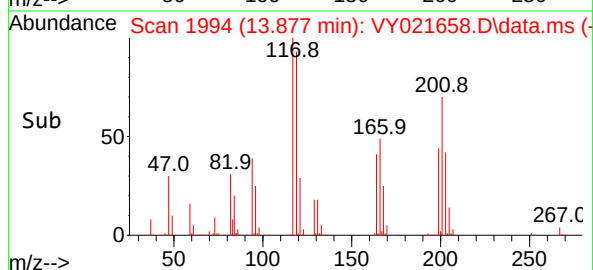
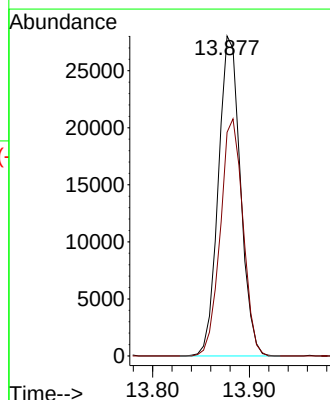
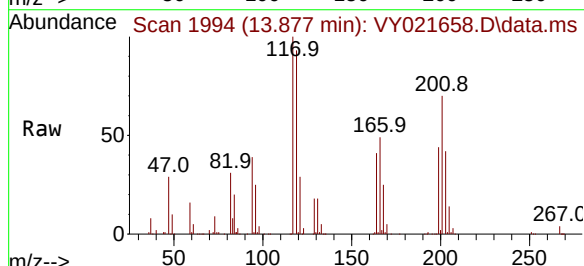
Acq: 27 Mar 2025 10:54

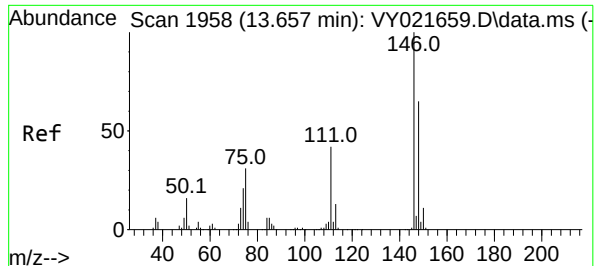
Tgt Ion:117 Resp: 44313

Ion Ratio Lower Upper

117 100

201 76.0 37.4 112.1





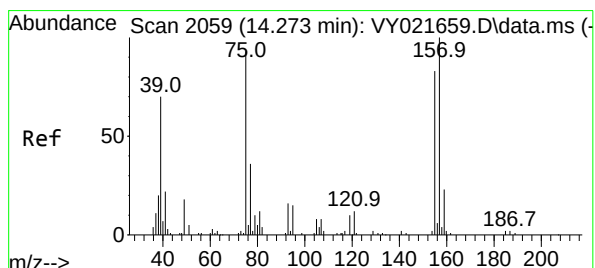
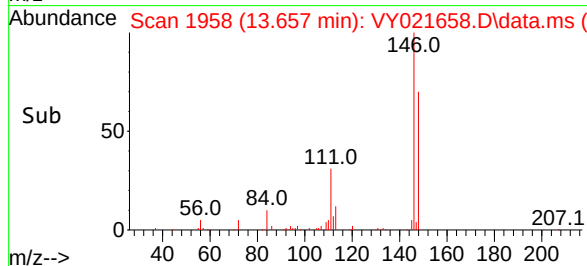
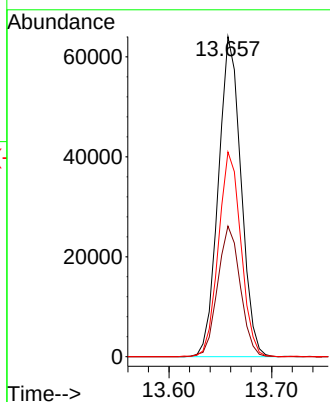
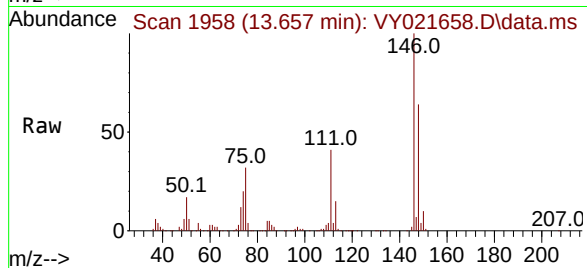
#91
1,2-Dichlorobenzene
Concen: 19.569 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.7	62.1
148	63.6	32.3	96.9

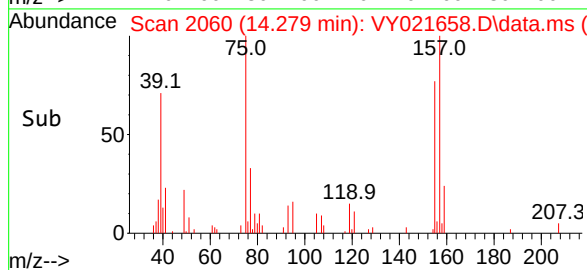
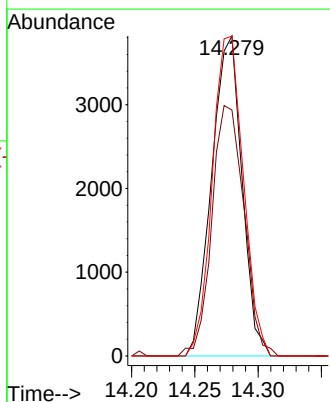
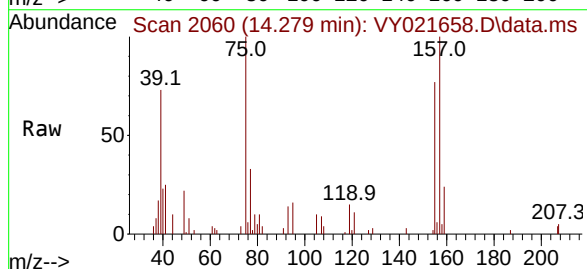
Manual Integrations
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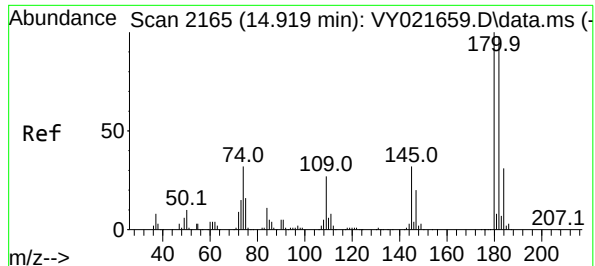
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.811 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	43.0	128.8
157	102.0	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 18.971 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 51474

Ion Ratio Lower Upper

180 100

182 95.5 47.5 142.6

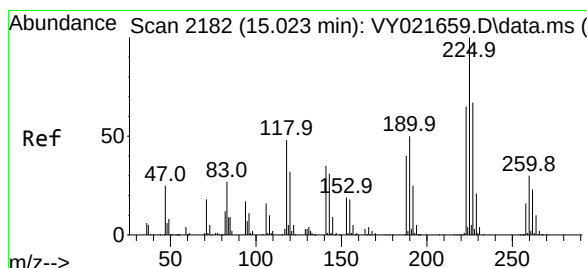
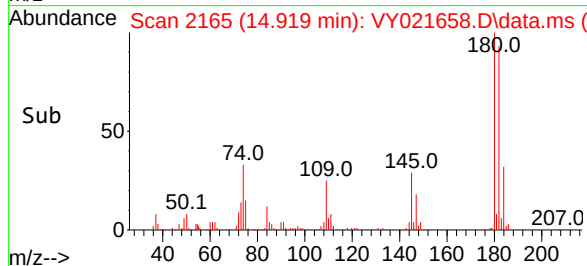
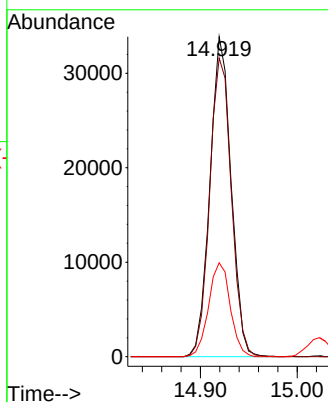
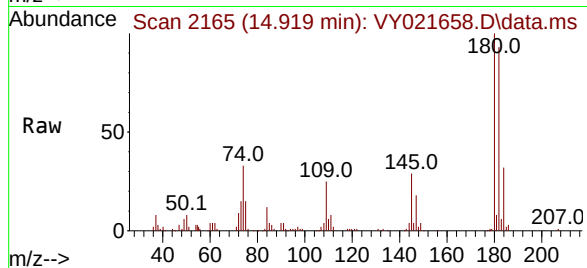
145 30.0 14.9 44.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#94

Hexachlorobutadiene

Concen: 18.916 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021658.D

Acq: 27 Mar 2025 10:54

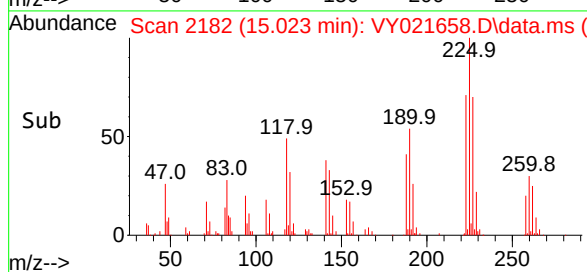
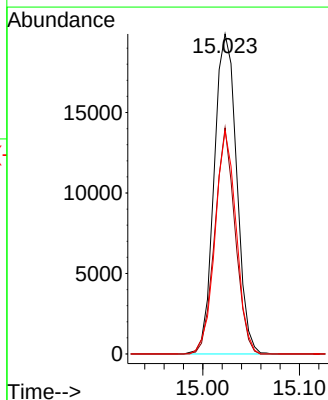
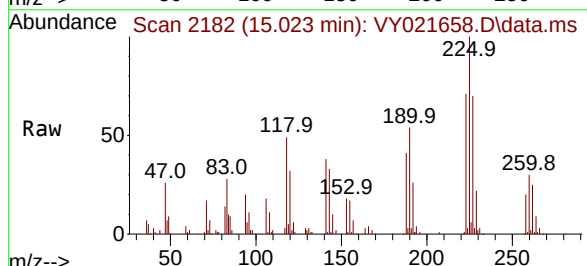
Tgt Ion:225 Resp: 32055

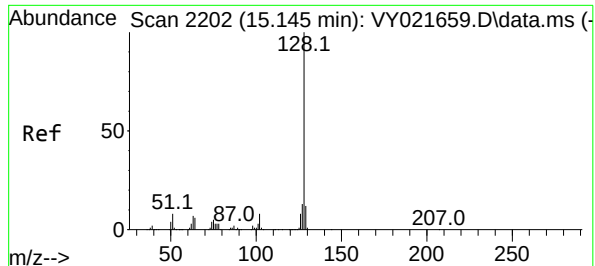
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.7

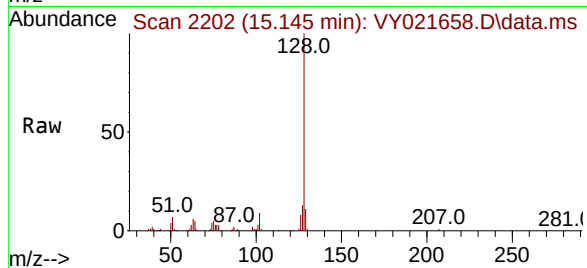
227 65.5 32.4 97.0





#95
Naphthalene
Concen: 18.305 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54

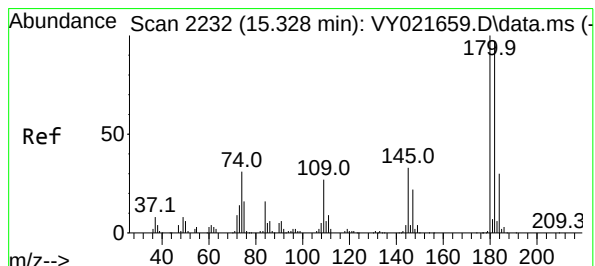
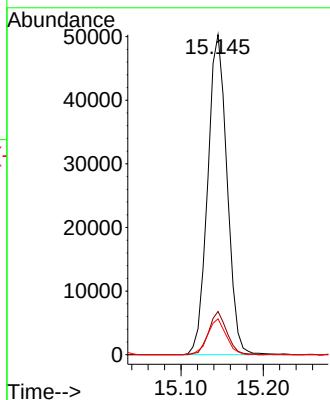
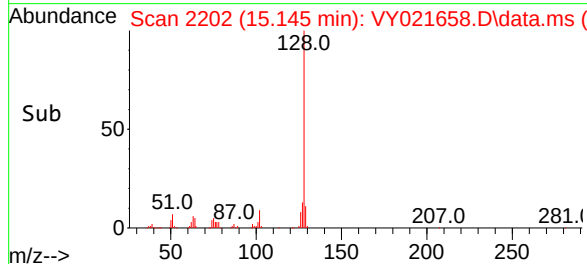
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



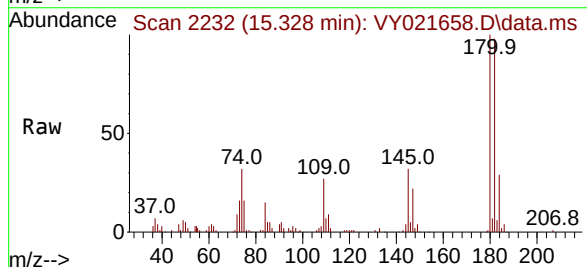
Tgt Ion:128 Resp: 82325
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.7 8.8 13.2

Manual Integrations
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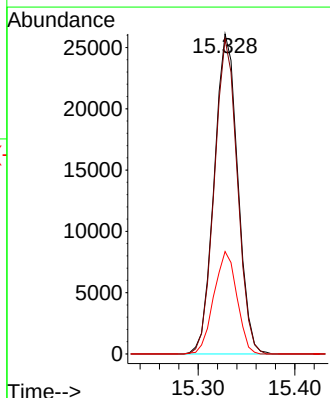
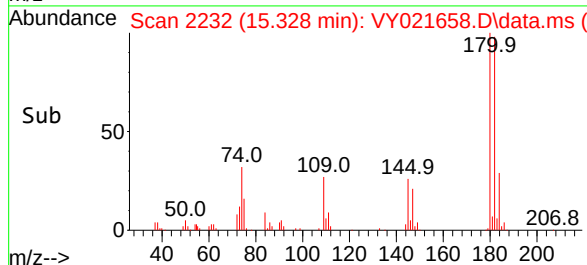
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.037 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY021658.D
Acq: 27 Mar 2025 10:54



Tgt Ion:180 Resp: 44047
Ion Ratio Lower Upper
180 100
182 96.2 47.5 142.5
145 31.3 15.9 47.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021659.D
 Acq On : 27 Mar 2025 11:16
 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 :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:16:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	238234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	369963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	329626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	167924	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	130485	50.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.100%	
35) Dibromofluoromethane	7.634	113	125415	52.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.520%	
50) Toluene-d8	10.109	98	483058	52.909	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.820%	
62) 4-Bromofluorobenzene	12.407	95	162384	52.583	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.160%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	120589	48.836	ug/l	100
3) Chloromethane	2.068	50	164961	47.510	ug/l	100
4) Vinyl Chloride	2.202	62	190491	48.513	ug/l	100
5) Bromomethane	2.592	94	122288	45.662	ug/l	100
6) Chloroethane	2.732	64	122027	47.492	ug/l	100
7) Trichlorofluoromethane	3.055	101	241339	47.980	ug/l	100
8) Diethyl Ether	3.452	74	65605	47.960	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	127763	48.159	ug/l	100
10) Methyl Iodide	4.007	142	156113	53.639	ug/l	100
11) Tert butyl alcohol	4.860	59	40298	240.362	ug/l	100
12) 1,1-Dichloroethene	3.787	96	122422	48.991	ug/l	100
13) Acrolein	3.647	56	75366	246.189	ug/l	100
14) Allyl chloride	4.385	41	199515	50.077	ug/l	100
15) Acrylonitrile	5.061	53	144175	252.430	ug/l	100
16) Acetone	3.872	43	127702	241.737	ug/l	100
17) Carbon Disulfide	4.104	76	404128	49.101	ug/l	100
18) Methyl Acetate	4.385	43	63249	48.309	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	315679	50.742	ug/l	100
20) Methylene Chloride	4.616	84	134344	52.136	ug/l	100
21) trans-1,2-Dichloroethene	5.116	96	135112	49.108	ug/l	100
22) Diisopropyl ether	6.018	45	428881	51.315	ug/l	100
23) Vinyl Acetate	5.957	43	1269853	259.718	ug/l	100
24) 1,1-Dichloroethane	5.915	63	247826	49.589	ug/l	100
25) 2-Butanone	6.896	43	189416	251.037	ug/l	100
26) 2,2-Dichloropropane	6.884	77	219131	49.293	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	155365	50.214	ug/l	100
28) Bromochloromethane	7.244	49	101413	48.116	ug/l	100
29) Tetrahydrofuran	7.262	42	125387	258.206	ug/l	100
30) Chloroform	7.421	83	257511	49.541	ug/l	100
31) Cyclohexane	7.701	56	218689	48.004	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	230441	49.051	ug/l	100
36) 1,1-Dichloropropene	7.835	75	185559	50.763	ug/l	100
37) Ethyl Acetate	6.988	43	87321	50.617	ug/l	100
38) Carbon Tetrachloride	7.823	117	208537	49.810	ug/l	100
39) Methylcyclohexane	9.109	83	229134	52.472	ug/l	100
40) Benzene	8.079	78	554462	50.649	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021659.D
 Acq On : 27 Mar 2025 11:16
 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 :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:16:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	50658m	55.298	ug/l	
42) 1,2-Dichloroethane	8.158	62	155365	50.343	ug/l	100
43) Isopropyl Acetate	8.195	43	166982	51.076	ug/l	100
44) Trichloroethene	8.865	130	138449	49.637	ug/l	100
45) 1,2-Dichloropropane	9.140	63	130586	50.395	ug/l	100
46) Dibromomethane	9.231	93	73435	49.174	ug/l	100
47) Bromodichloromethane	9.420	83	194399	50.237	ug/l	100
48) Methyl methacrylate	9.219	41	77877	51.902	ug/l	100
49) 1,4-Dioxane	9.225	88	16481	1030.192	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	445564	261.893	ug/l	100
52) Toluene	10.170	92	351715	51.496	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	179747	52.296	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	209143	51.579	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	96578	50.254	ug/l	100
56) Ethyl methacrylate	10.438	69	135272	55.124	ug/l	100
57) 1,3-Dichloropropane	10.719	76	170109	51.252	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	332369	277.643	ug/l	100
59) 2-Hexanone	10.761	43	302538	267.012	ug/l	100
60) Dibromochloromethane	10.908	129	134696	51.334	ug/l	100
61) 1,2-Dibromoethane	11.017	107	93866	52.067	ug/l	100
64) Tetrachloroethene	10.646	164	147971	49.288	ug/l	100
65) Chlorobenzene	11.444	112	380661	50.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	135660	50.602	ug/l	100
67) Ethyl Benzene	11.517	91	676205	52.188	ug/l	100
68) m/p-Xylenes	11.627	106	519154	104.634	ug/l	100
69) o-Xylene	11.956	106	243359	53.135	ug/l	100
70) Styrene	11.969	104	406215	53.195	ug/l	100
71) Bromoform	12.133	173	78206	51.140	ug/l	100
73) Isopropylbenzene	12.255	105	642393	51.505	ug/l	100
74) N-amyl acetate	12.072	43	154054	52.630	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	110292	49.185	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	83656m	50.257	ug/l	
77) Bromobenzene	12.529	156	149323	49.864	ug/l	100
78) n-propylbenzene	12.596	91	775252	51.702	ug/l	100
79) 2-Chlorotoluene	12.682	91	444178	51.001	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	528425	51.839	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	37240	51.550	ug/l	100
82) 4-Chlorotoluene	12.779	91	463024	50.995	ug/l	100
83) tert-Butylbenzene	12.999	119	467961	51.541	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	526387	52.248	ug/l	100
85) sec-Butylbenzene	13.176	105	687573	51.820	ug/l	100
86) p-Isopropyltoluene	13.291	119	576012	52.525	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	293534	49.752	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	292315	50.147	ug/l	100
89) n-Butylbenzene	13.615	91	532897	52.544	ug/l	100
90) Hexachloroethane	13.877	117	118708	49.396	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	255877	49.821	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17123	49.268	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	147434	52.935	ug/l	100
94) Hexachlorobutadiene	15.023	225	88090	50.642	ug/l	100
95) Naphthalene	15.145	128	253209	54.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	125294	52.754	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021659.D
Acq On : 27 Mar 2025 11:16
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 :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:16:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:08:57 2025
Response via : Initial Calibration

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

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

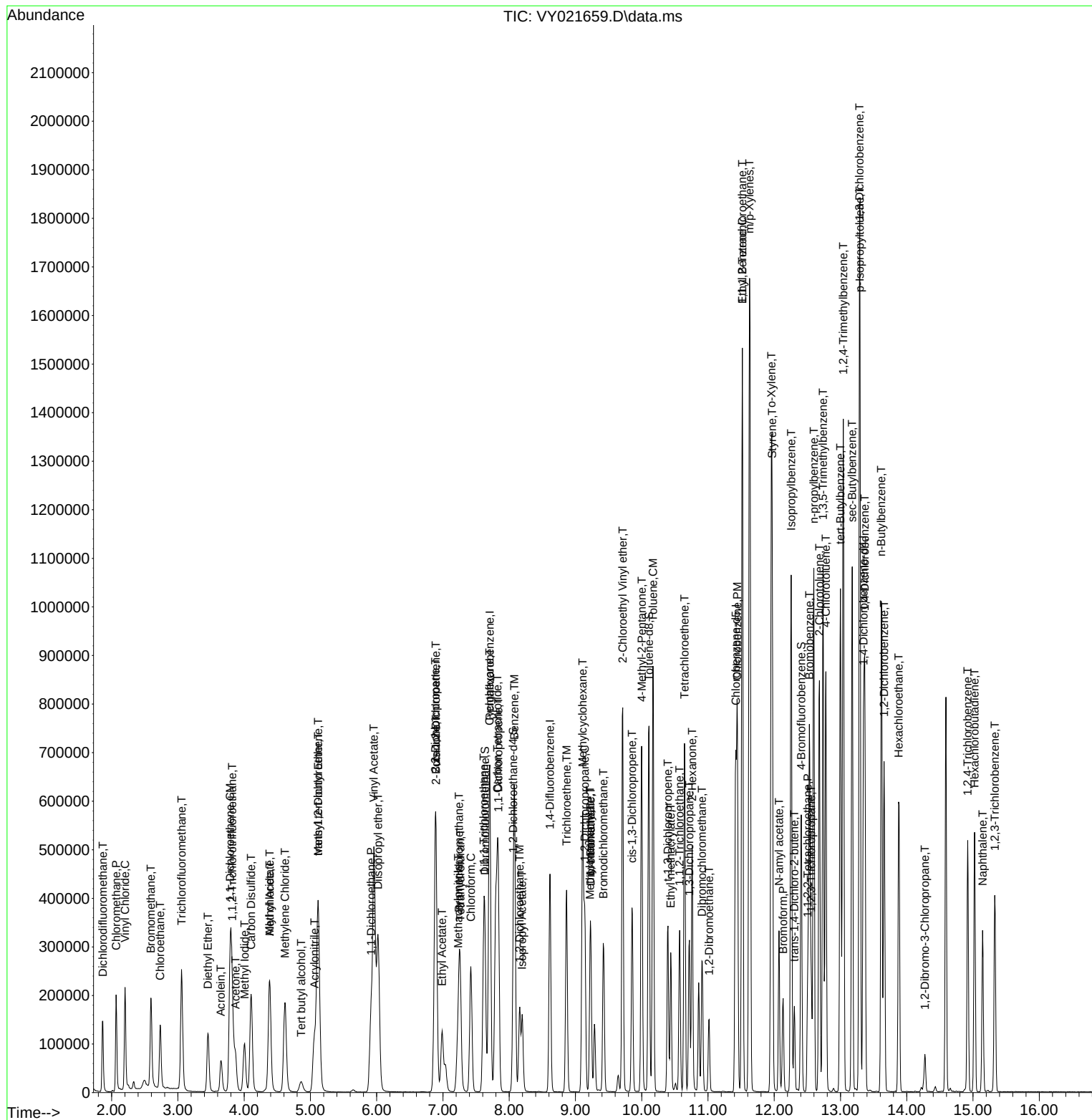
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Data File : VY021659.D
Acq On : 27 Mar 2025 11:16
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

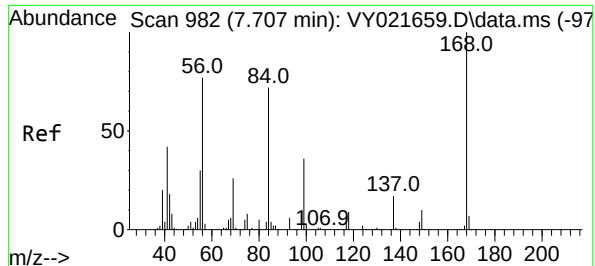
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:16:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:08:57 2025
Response via : Initial Calibration





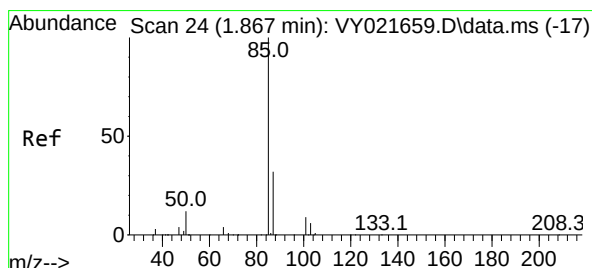
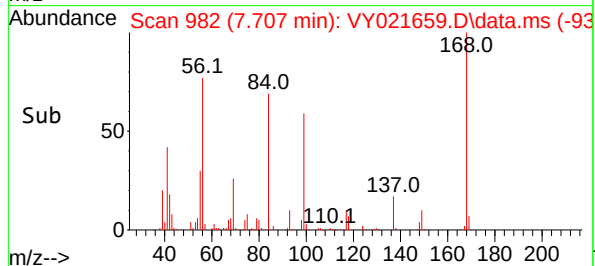
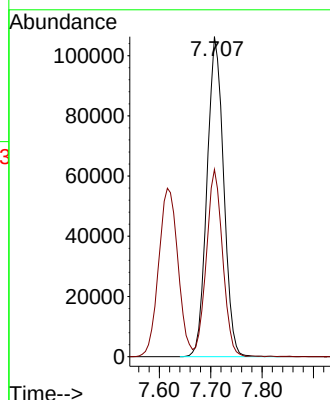
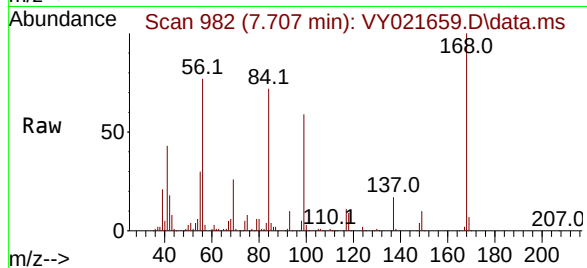
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 238234
Ion Ratio Lower Upper
168 100
99 58.4 46.7 70.1

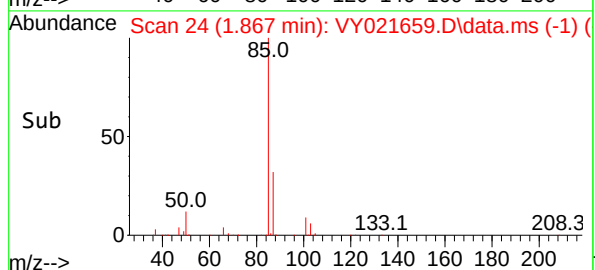
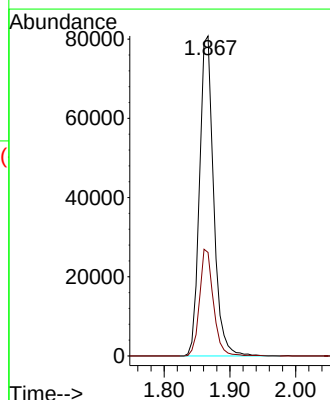
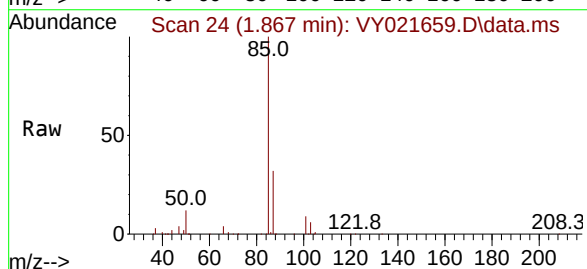
Manual Integrations
APPROVED

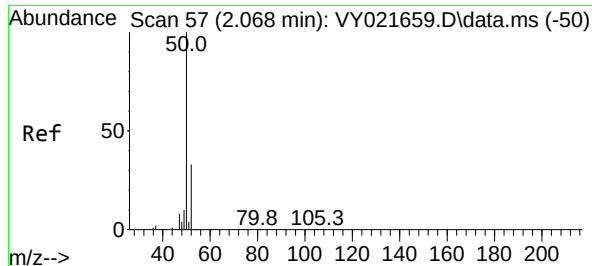
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#2
Dichlorodifluoromethane
Concen: 48.836 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

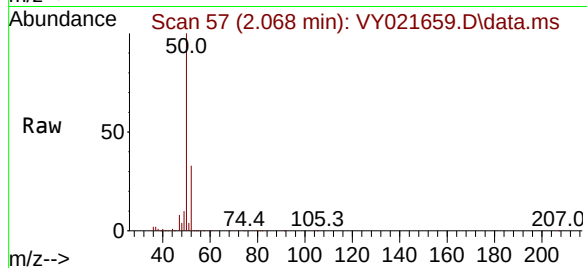
Tgt Ion: 85 Resp: 120589
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3
Chloromethane
Concen: 47.510 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

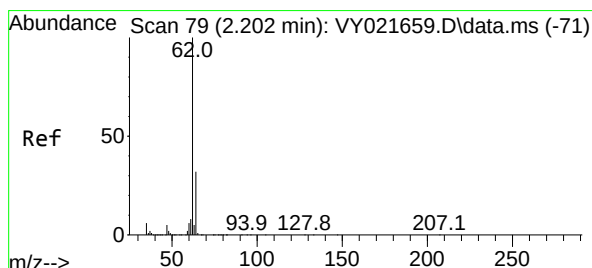
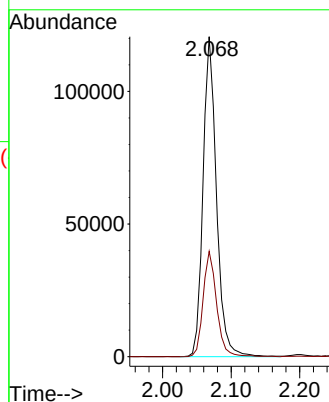
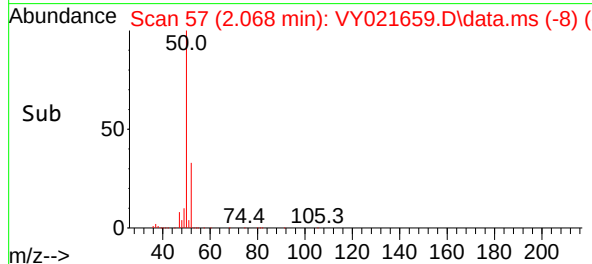
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 50 Resp: 16496
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5

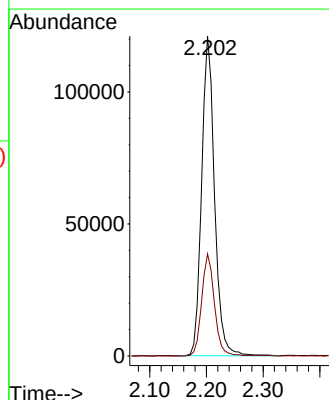
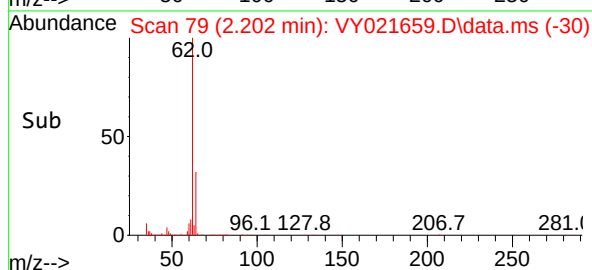
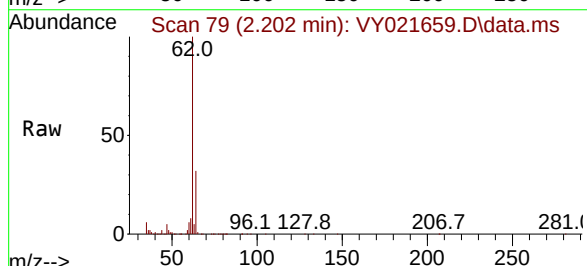
Manual Integrations
APPROVED

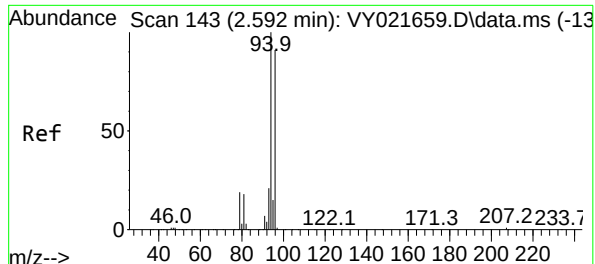
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#4
Vinyl Chloride
Concen: 48.513 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

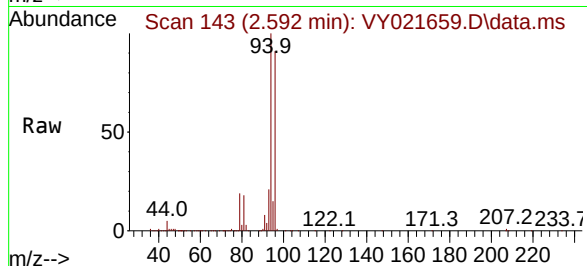
Tgt Ion: 62 Resp: 190491
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3





#5
Bromomethane
Concen: 45.662 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

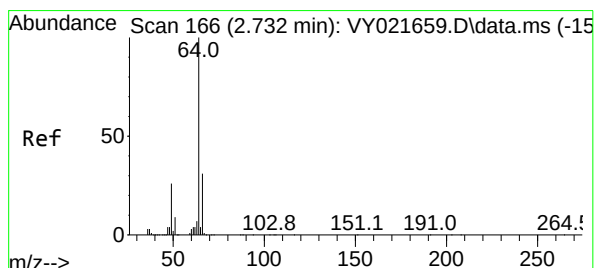
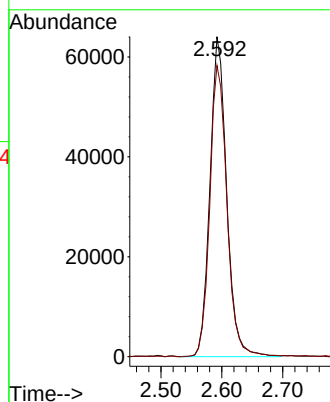
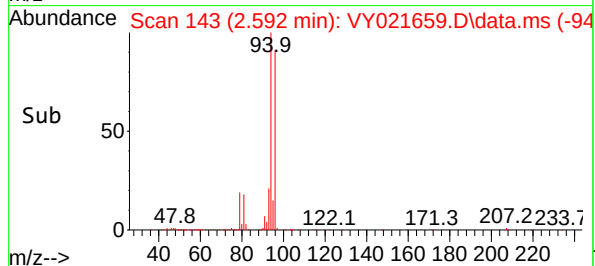
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



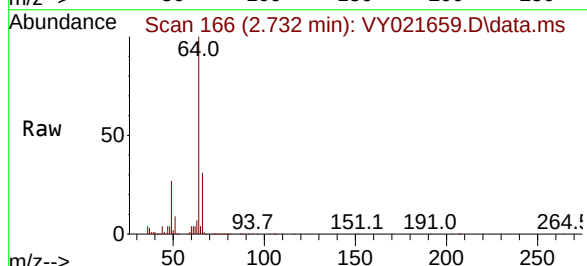
Tgt Ion: 94 Resp: 122288
Ion Ratio Lower Upper
94 100
96 91.0 72.8 109.2

Manual Integrations
APPROVED

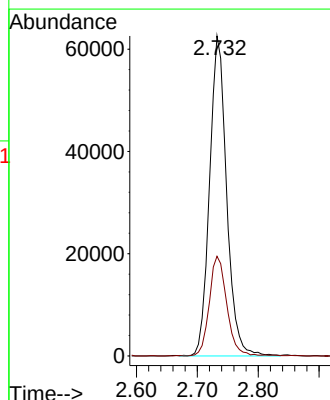
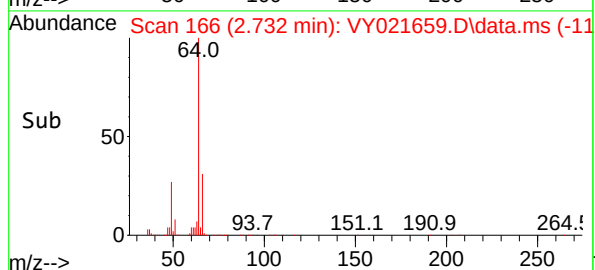
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

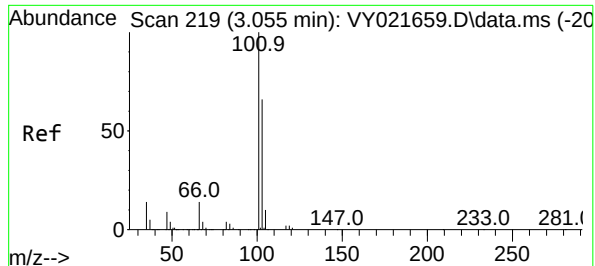


#6
Chloroethane
Concen: 47.492 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16



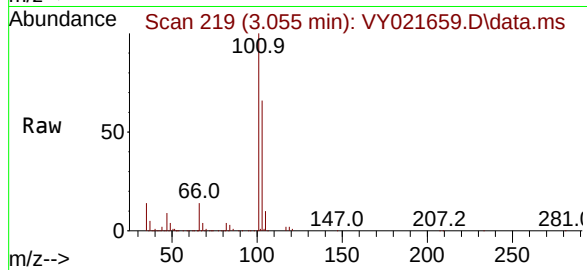
Tgt Ion: 64 Resp: 122027
Ion Ratio Lower Upper
64 100
66 31.1 24.9 37.3





#7
Trichlorofluoromethane
Concen: 47.980 ug/l
RT: 3.055 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

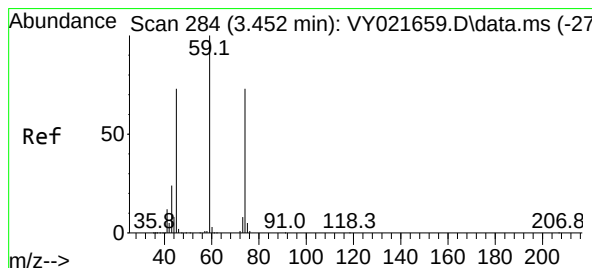
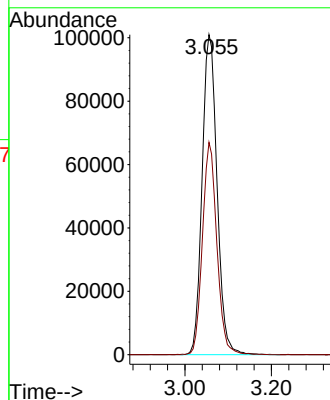
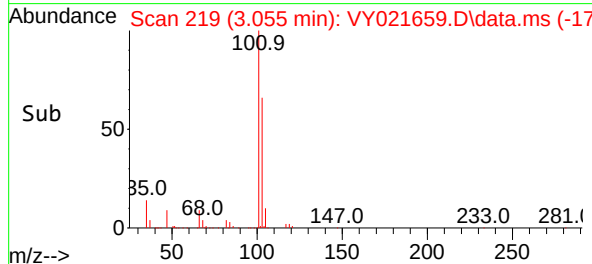
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 241339
Ion Ratio Lower Upper
101 100
103 66.4 53.1 79.7

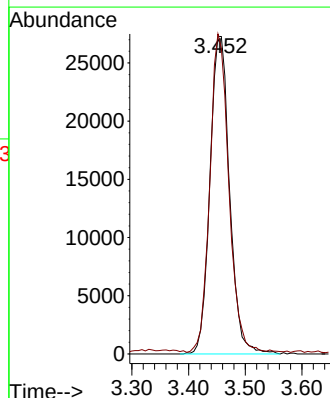
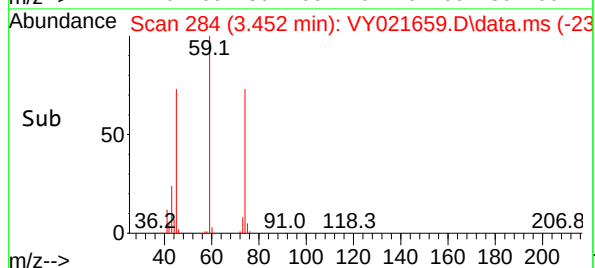
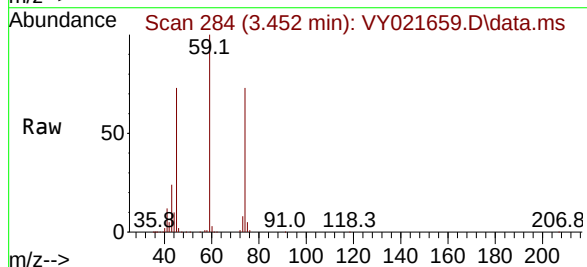
Manual Integrations
APPROVED

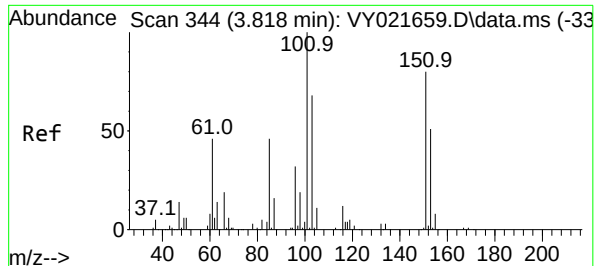
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#8
Diethyl Ether
Concen: 47.960 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 74 Resp: 65605
Ion Ratio Lower Upper
74 100
45 97.2 48.6 145.8





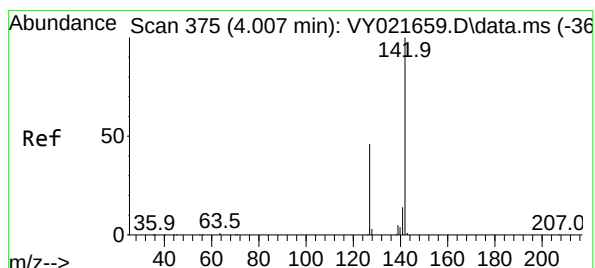
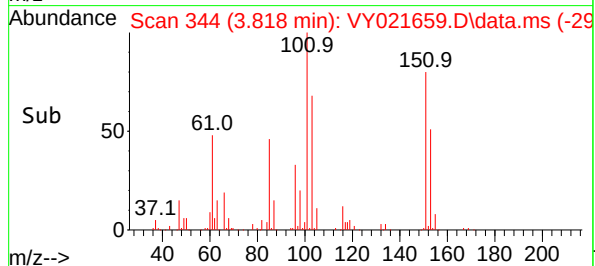
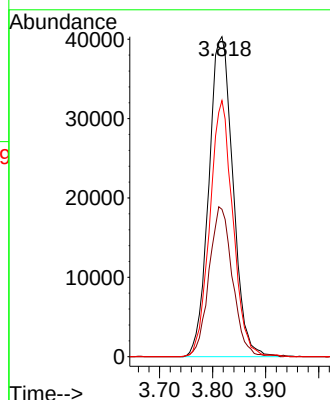
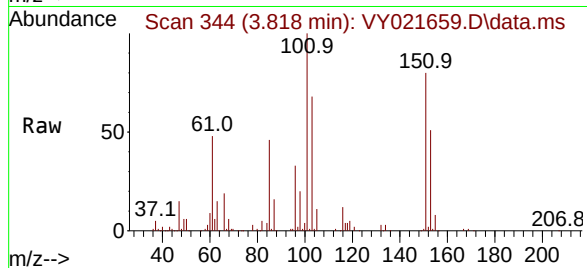
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.159 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 12776
Ion Ratio Lower Upper
101 100
85 45.4 36.3 54.5
151 76.6 61.3 91.9

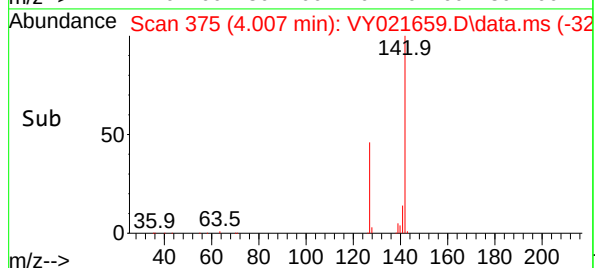
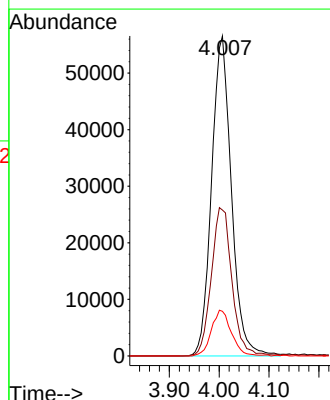
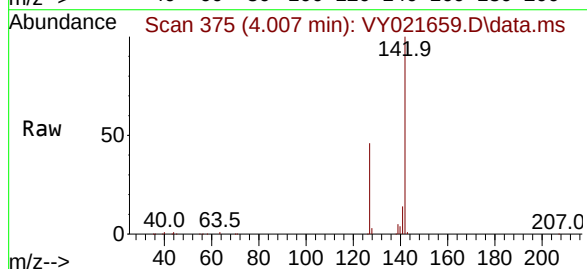
Manual Integrations
APPROVED

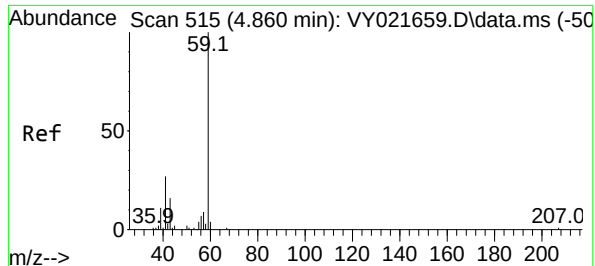
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 53.639 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion:142 Resp: 156113
Ion Ratio Lower Upper
142 100
127 48.4 38.7 58.1
141 14.4 11.5 17.3





#11

Tert butyl alcohol

Concen: 240.362 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 40298

Ion Ratio Lower Upper

59 100

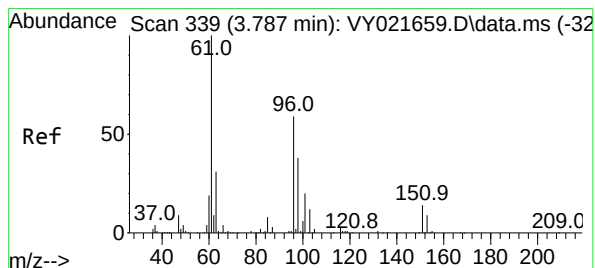
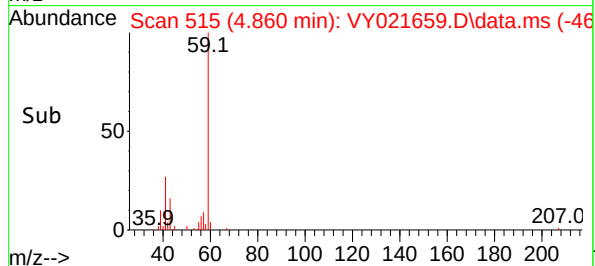
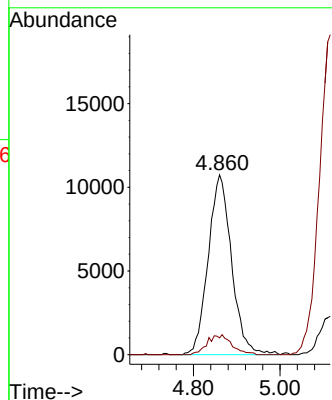
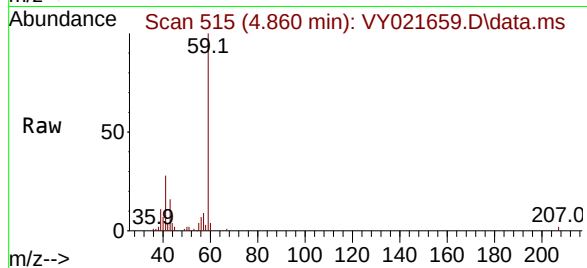
57 11.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#12

1,1-Dichloroethene

Concen: 48.991 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

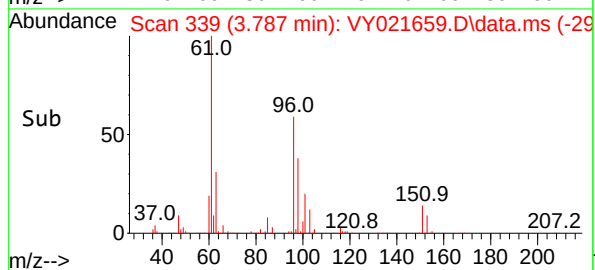
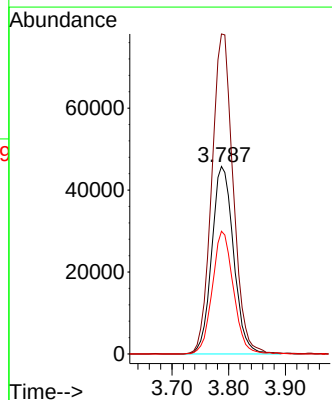
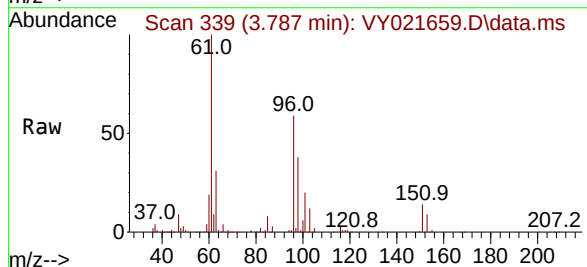
Tgt Ion: 96 Resp: 122422

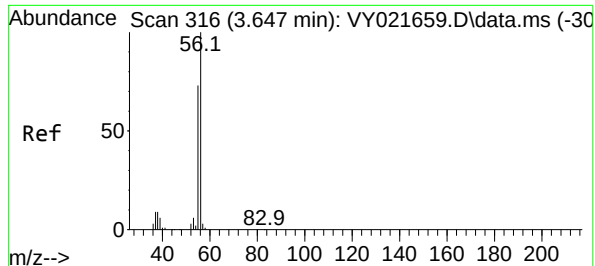
Ion Ratio Lower Upper

96 100

61 170.7 136.6 204.8

98 65.4 52.3 78.5





#13

Acrolein

Concen: 246.189 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 7536

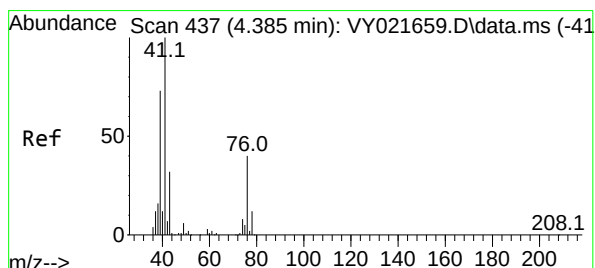
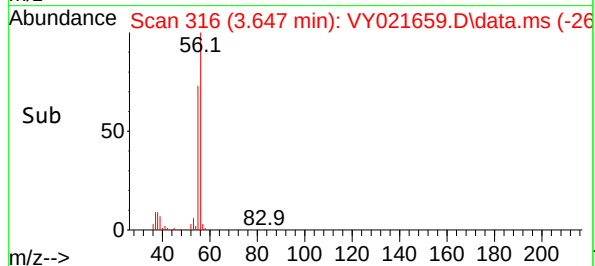
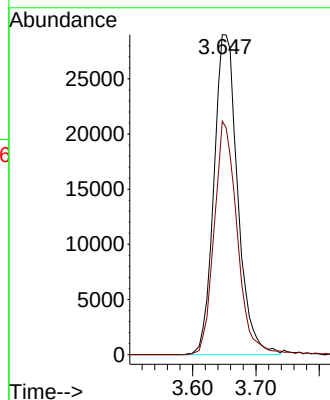
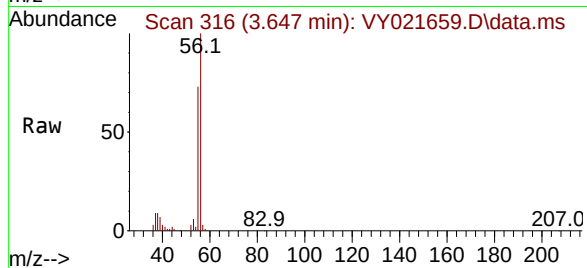
Ion Ratio Lower Upper

56 100

55 70.8 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#14

Allyl chloride

Concen: 50.077 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

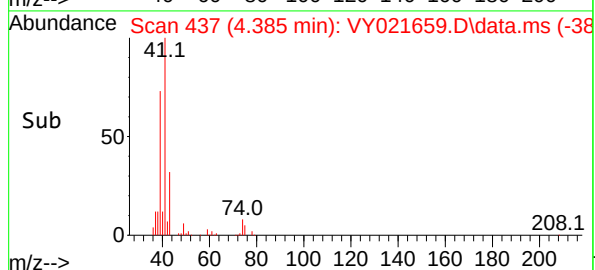
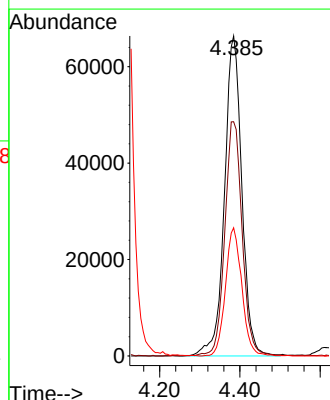
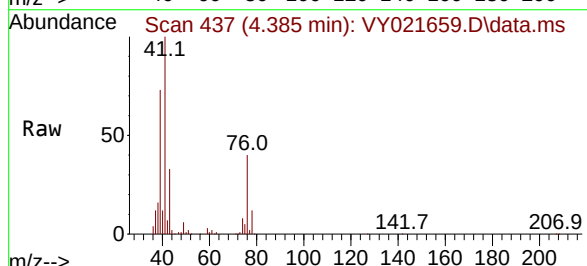
Tgt Ion: 41 Resp: 199515

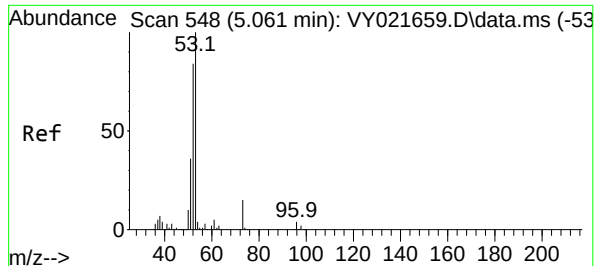
Ion Ratio Lower Upper

41 100

39 73.3 58.6 88.0

76 37.9 30.3 45.5





#15

Acrylonitrile

Concen: 252.430 ug/l

RT: 5.061 min Scan# 548

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 53 Resp: 144179

Ion Ratio Lower Upper

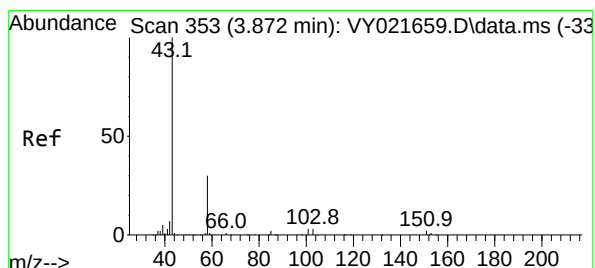
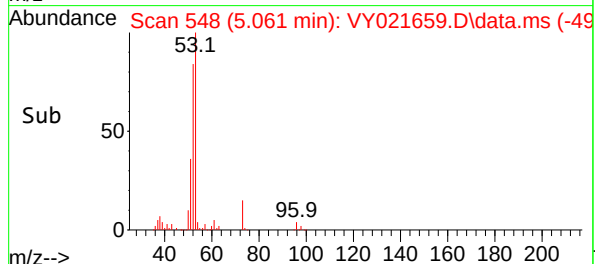
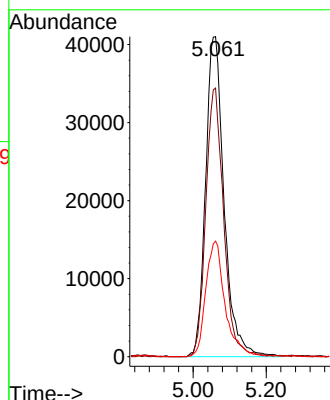
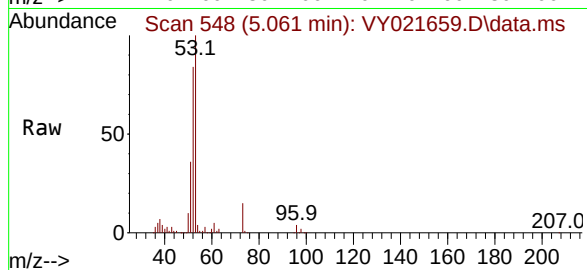
53 100

52 81.1 64.9 97.3

51 37.7 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#16

Acetone

Concen: 241.737 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY021659.D

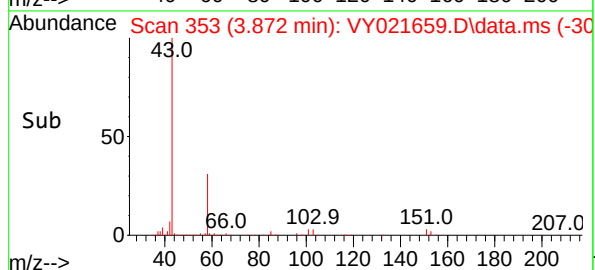
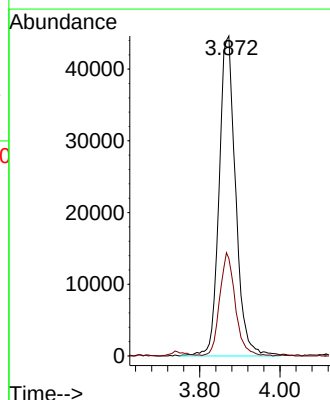
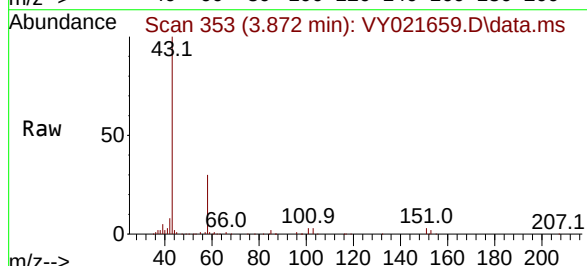
Acq: 27 Mar 2025 11:16

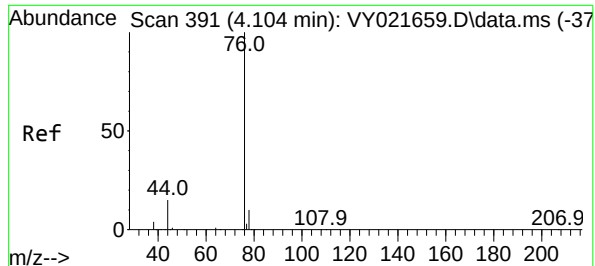
Tgt Ion: 43 Resp: 127702

Ion Ratio Lower Upper

43 100

58 30.3 24.2 36.4





#17

Carbon Disulfide

Concen: 49.101 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 404128

Ion Ratio Lower Upper

76 100

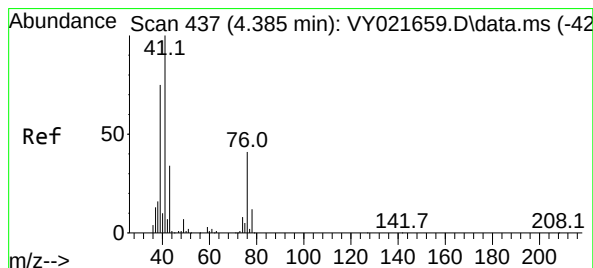
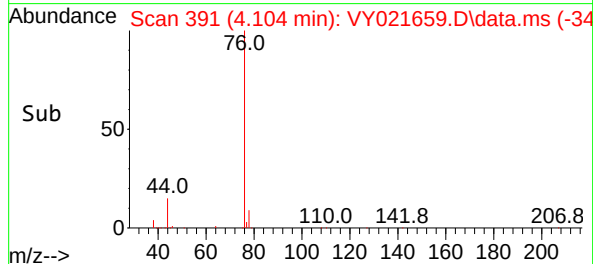
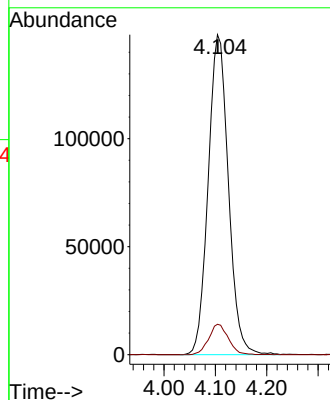
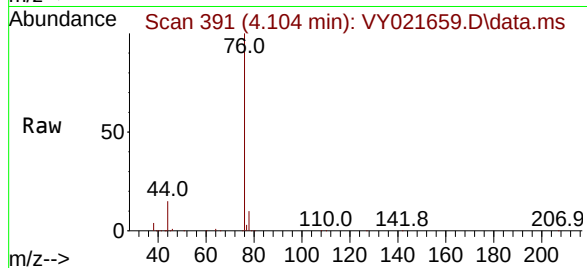
78 9.5 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#18

Methyl Acetate

Concen: 48.309 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021659.D

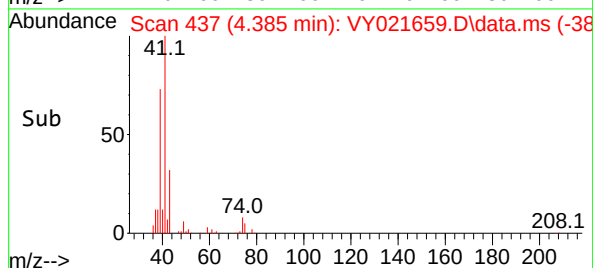
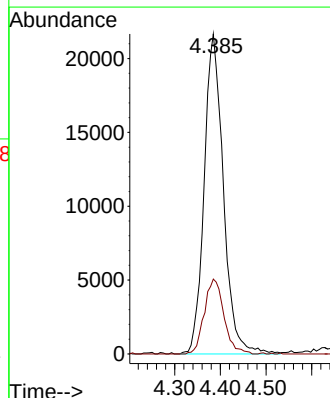
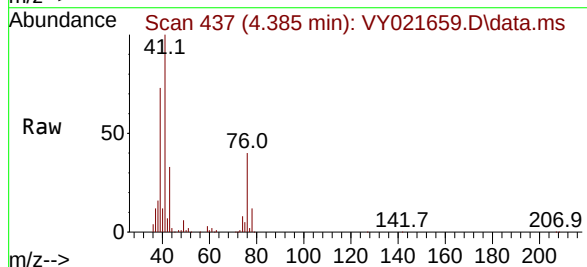
Acq: 27 Mar 2025 11:16

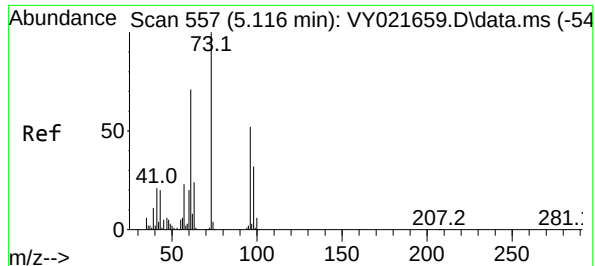
Tgt Ion: 43 Resp: 63249

Ion Ratio Lower Upper

43 100

74 23.9 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 50.742 ug/l

RT: 5.116 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 73 Resp: 315679

Ion Ratio Lower Upper

73 100

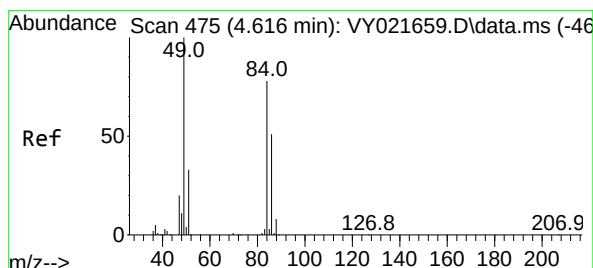
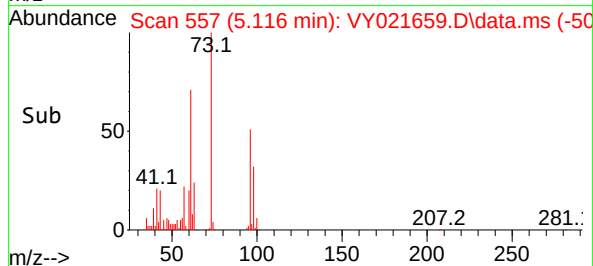
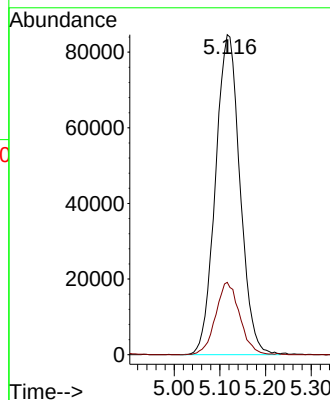
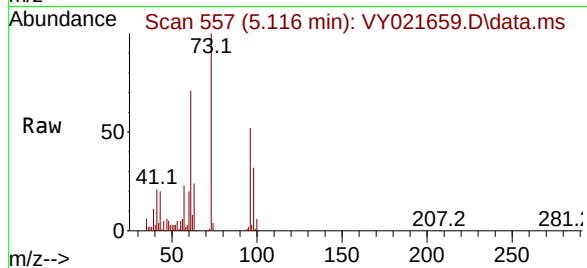
57 22.6 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#20

Methylene Chloride

Concen: 52.136 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Tgt Ion: 84 Resp: 134344

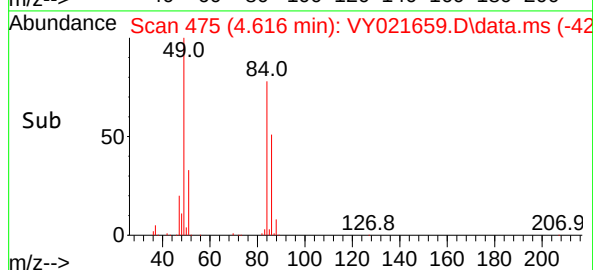
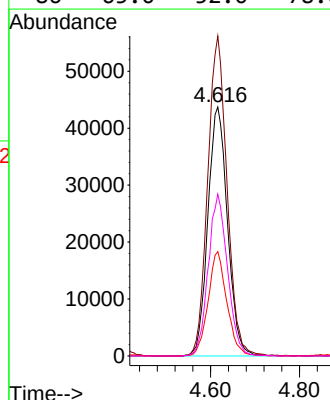
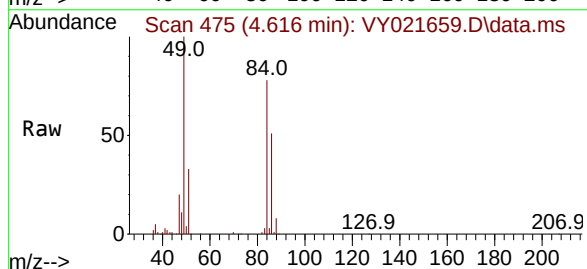
Ion Ratio Lower Upper

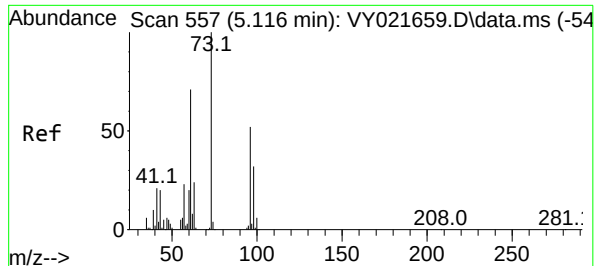
84 100

49 128.5 102.8 154.2

51 41.9 33.5 50.3

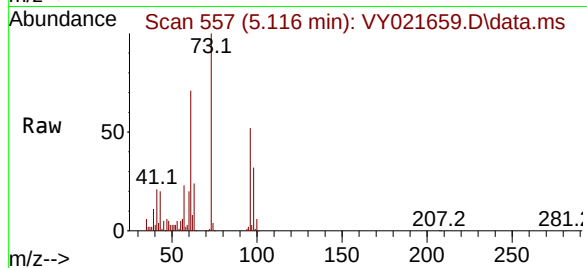
86 65.0 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 49.108 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

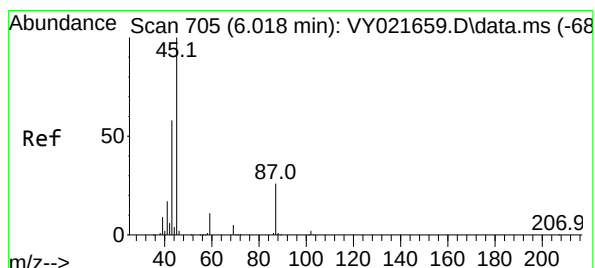
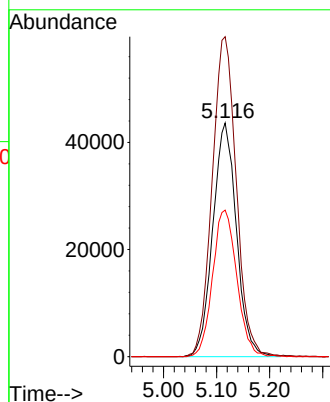
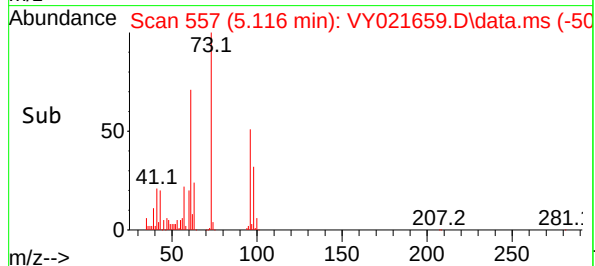
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 13511
Ion Ratio Lower Upper
96 100
61 136.7 109.4 164.0
98 62.7 50.2 75.2

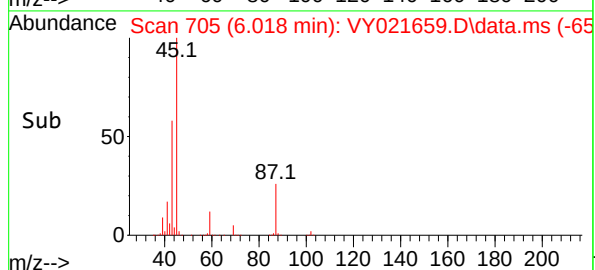
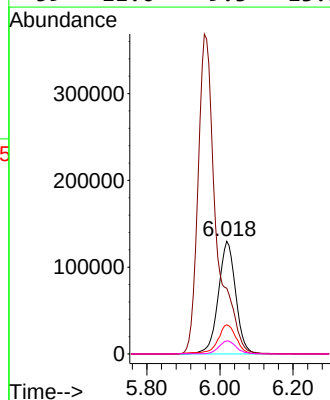
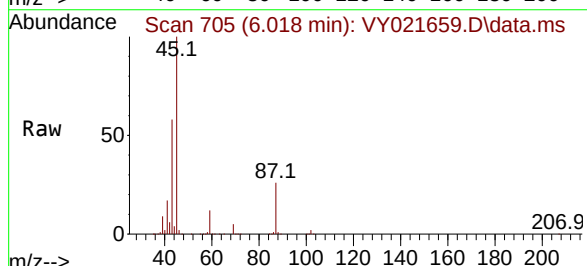
Manual Integrations
APPROVED

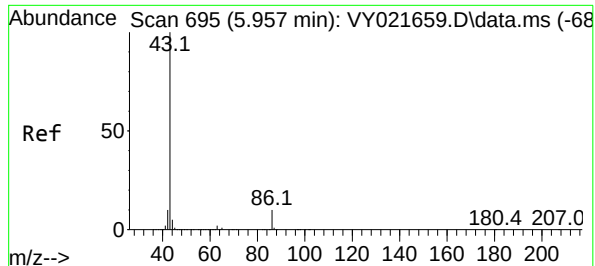
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#22
Diisopropyl ether
Concen: 51.315 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 45 Resp: 428881
Ion Ratio Lower Upper
45 100
43 58.2 46.6 69.8
87 25.9 20.7 31.1
59 11.6 9.3 13.9





#23

Vinyl Acetate

Concen: 259.718 ug/l

RT: 5.957 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 126985

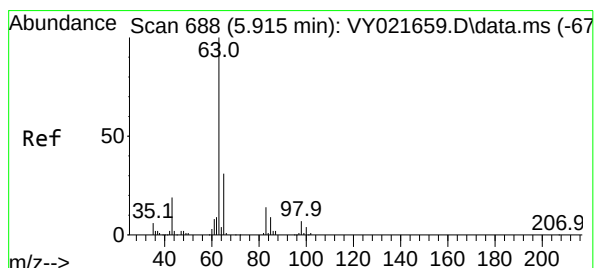
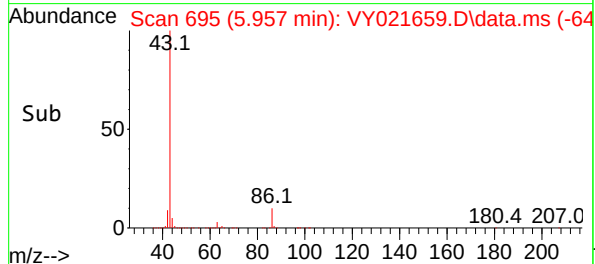
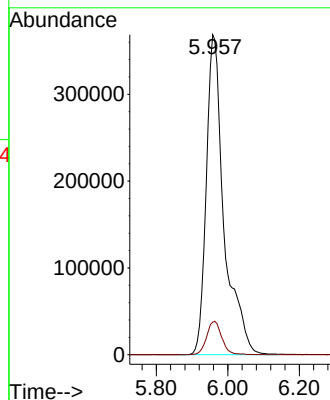
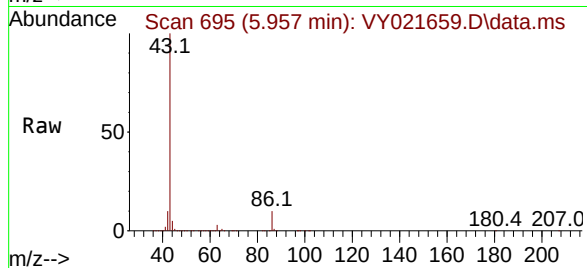
Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#24

1,1-Dichloroethane

Concen: 49.589 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

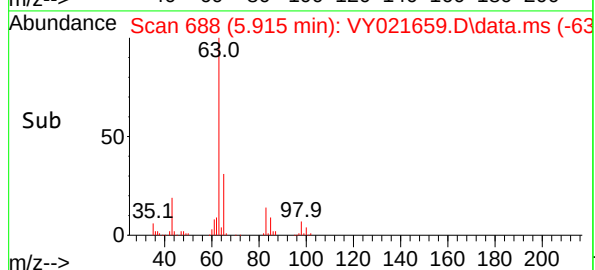
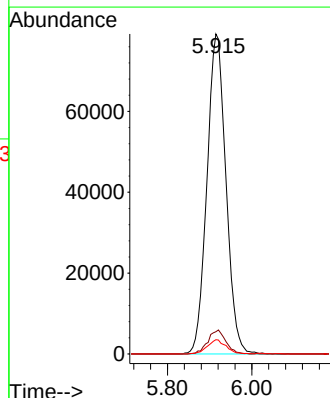
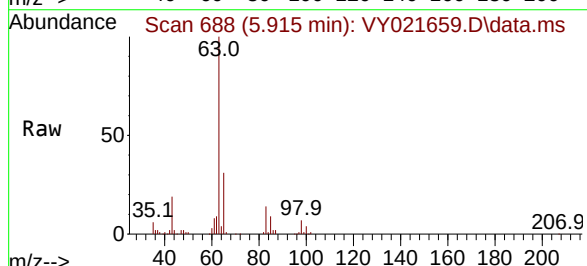
Tgt Ion: 63 Resp: 247826

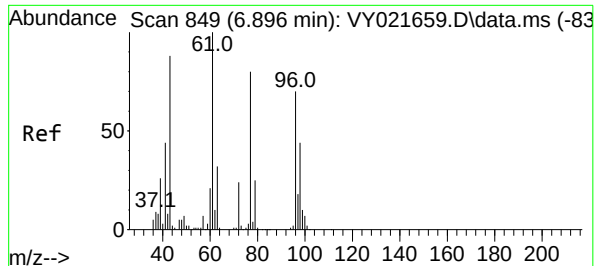
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 251.037 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 189410

Ion Ratio Lower Upper

43 100

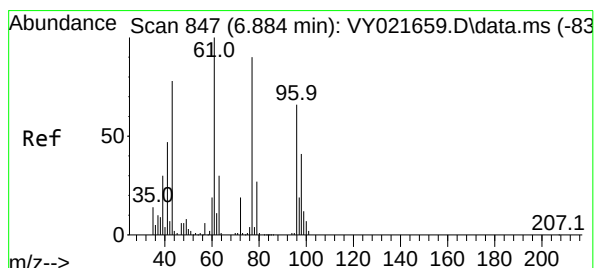
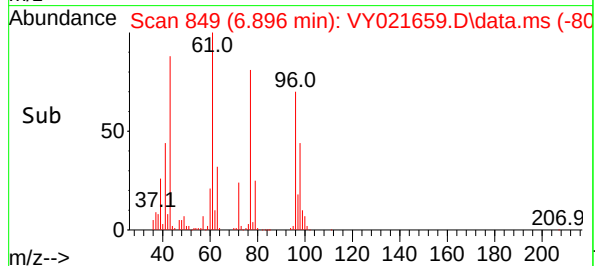
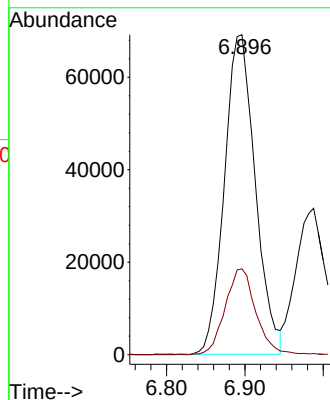
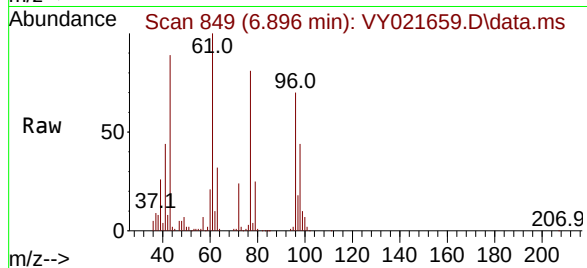
72 26.8 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#26

2,2-Dichloropropane

Concen: 49.293 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021659.D

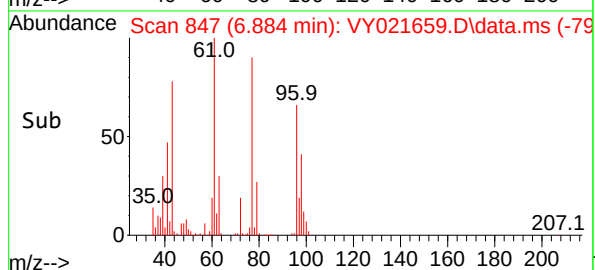
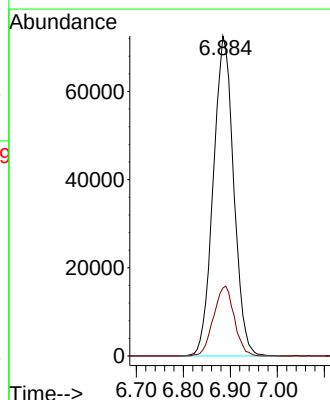
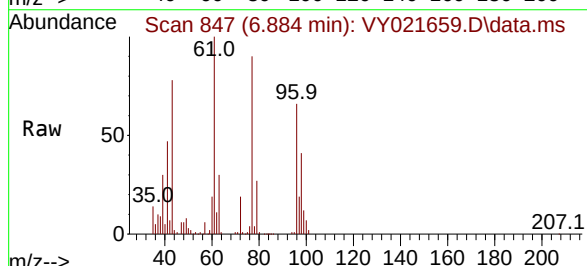
Acq: 27 Mar 2025 11:16

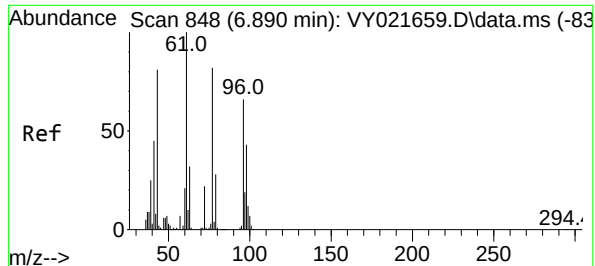
Tgt Ion: 77 Resp: 219131

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 50.214 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 15536

Ion Ratio Lower Upper

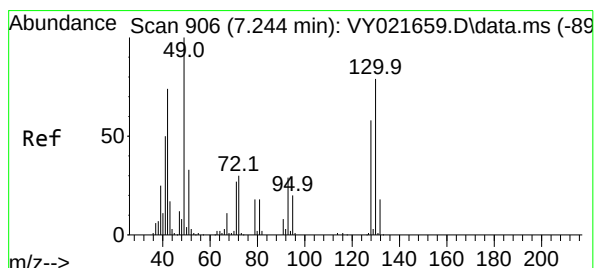
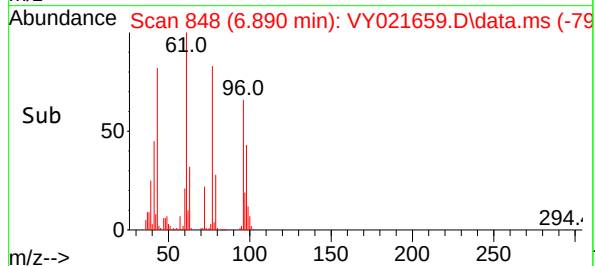
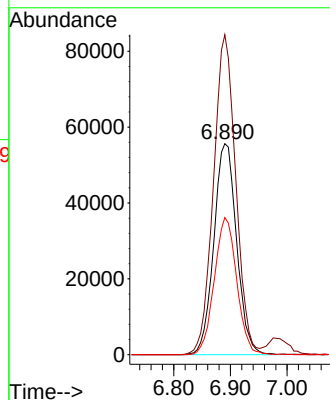
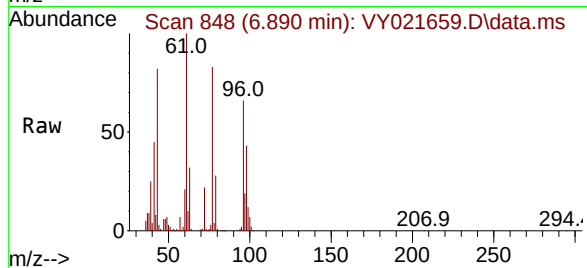
96 100

61 148.2 0.0 296.4

98 64.0 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#28

Bromochloromethane

Concen: 48.116 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

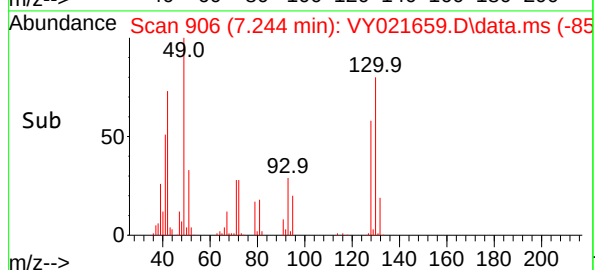
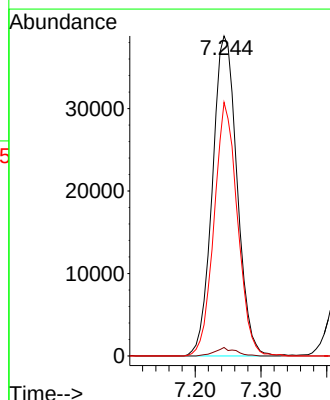
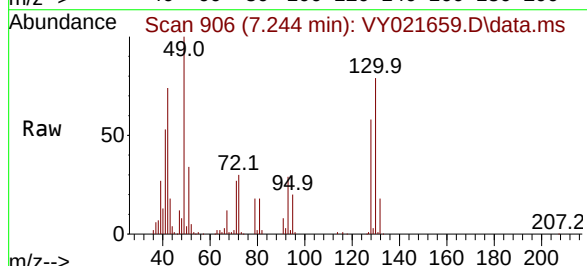
Tgt Ion: 49 Resp: 101413

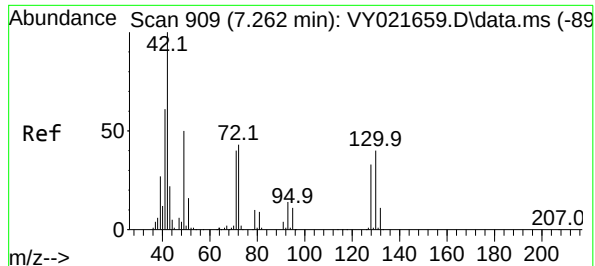
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 75.1 60.1 90.1





#29

Tetrahydrofuran

Concen: 258.206 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 12538

Ion Ratio Lower Upper

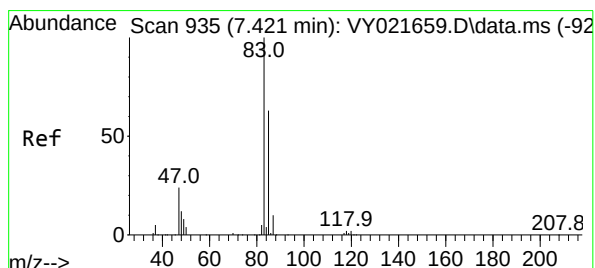
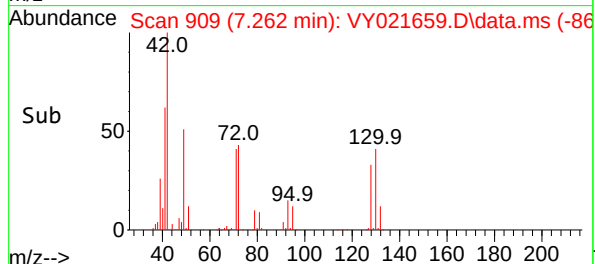
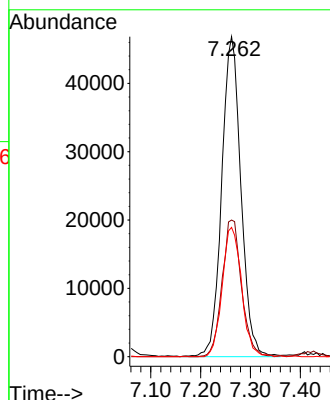
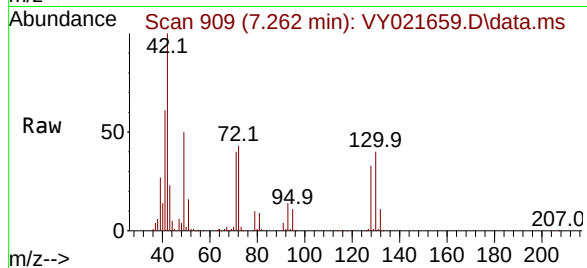
42 100

72 43.3 34.6 52.0

71 40.6 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#30

Chloroform

Concen: 49.541 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021659.D

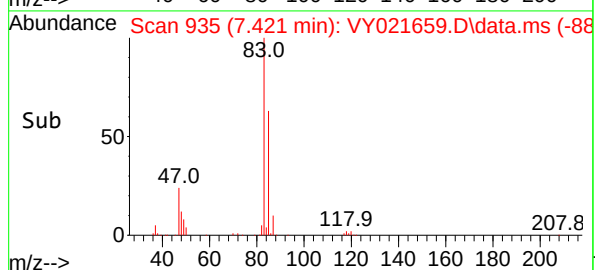
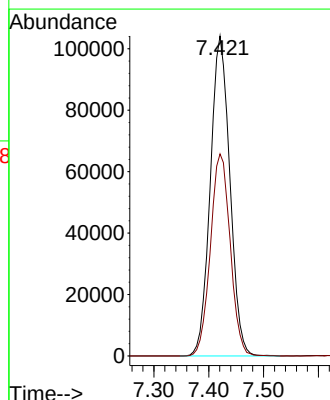
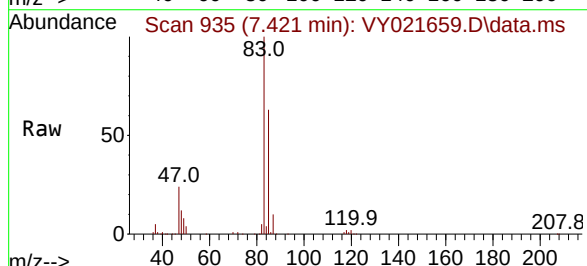
Acq: 27 Mar 2025 11:16

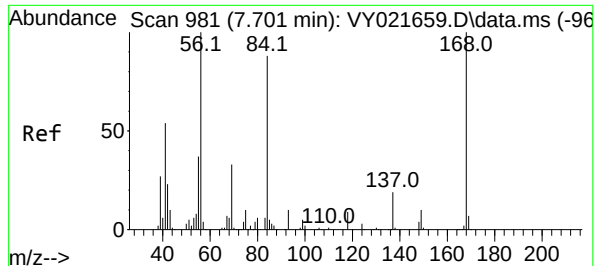
Tgt Ion: 83 Resp: 257511

Ion Ratio Lower Upper

83 100

85 63.2 50.6 75.8





#31

Cyclohexane

Concen: 48.004 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 218689

Ion Ratio Lower Upper

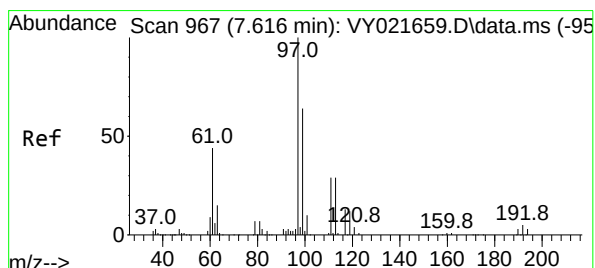
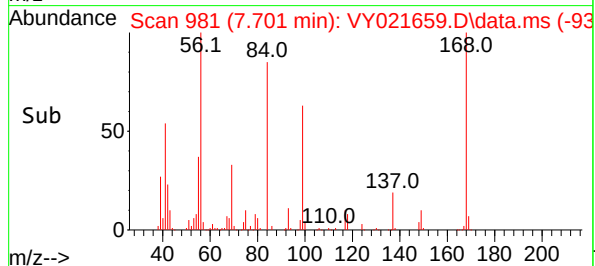
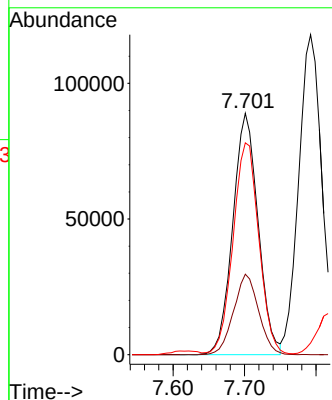
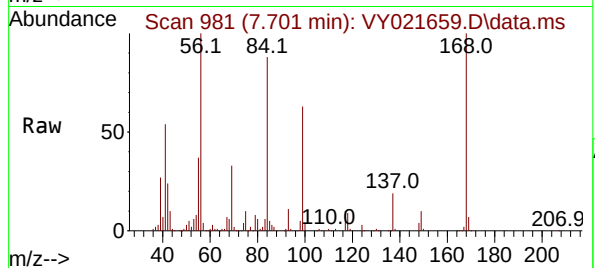
56 100

69 33.3 26.6 40.0

84 86.2 69.0 103.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#32

1,1,1-Trichloroethane

Concen: 49.051 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

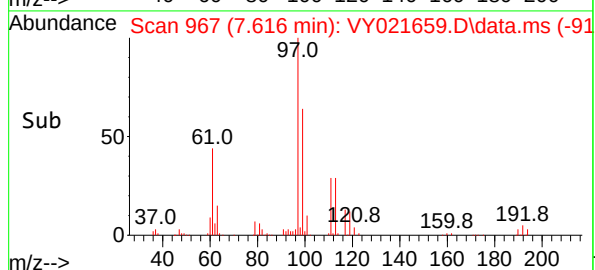
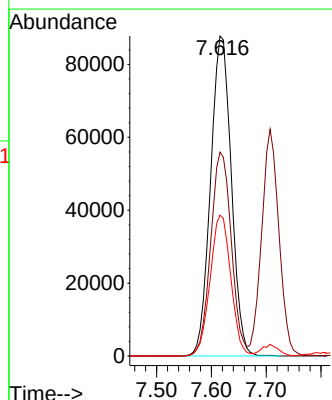
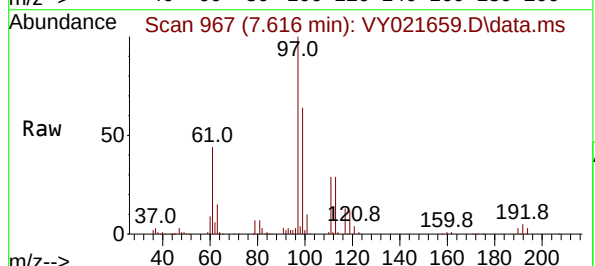
Tgt Ion: 97 Resp: 230441

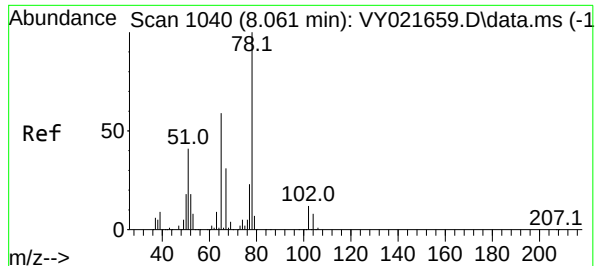
Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 44.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.552 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 130485

Ion Ratio Lower Upper

65 100

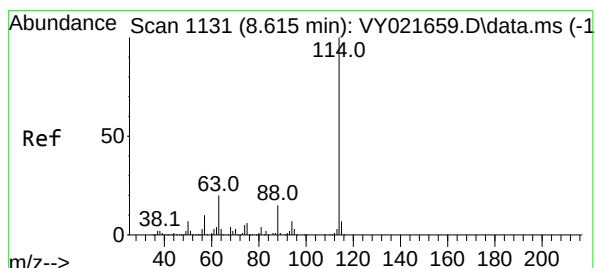
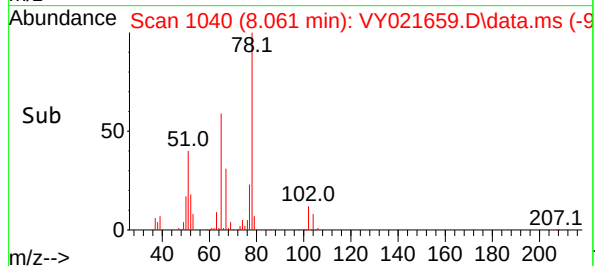
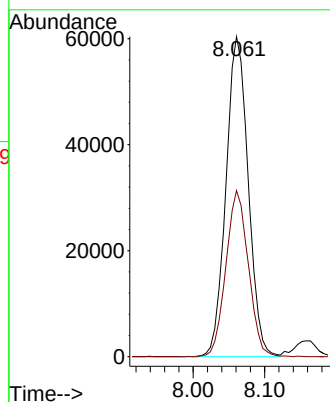
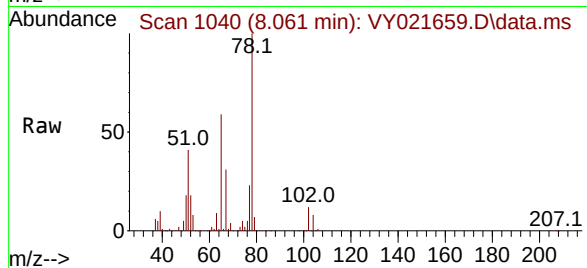
67 52.3 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

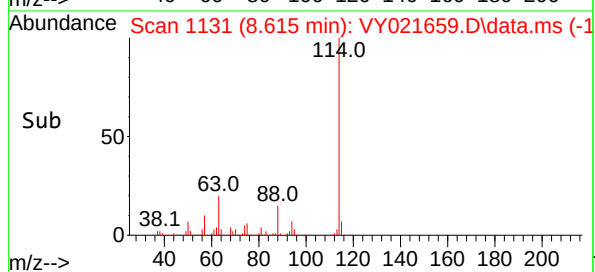
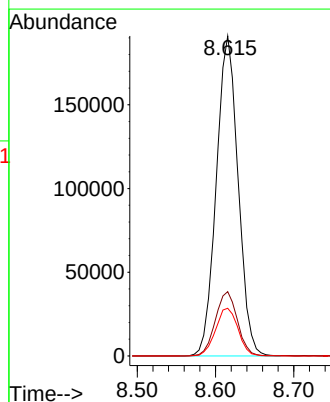
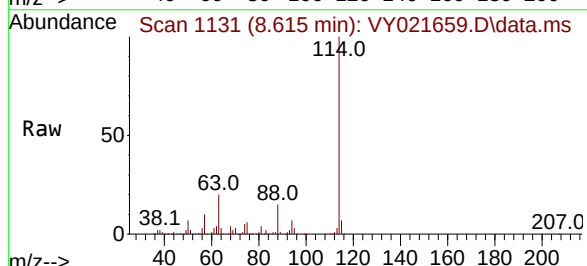
Tgt Ion:114 Resp: 369963

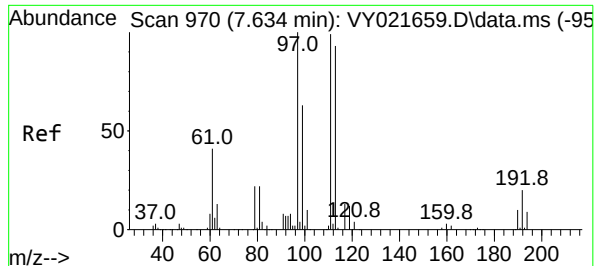
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 14.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 52.259 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 12541

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

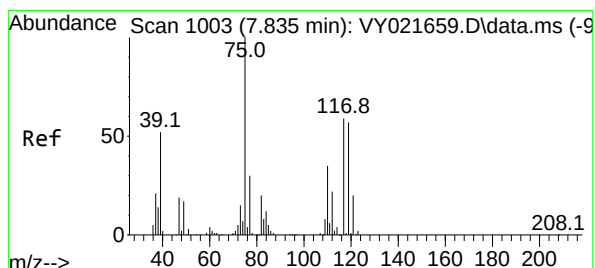
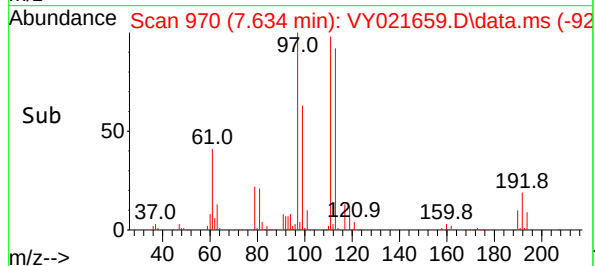
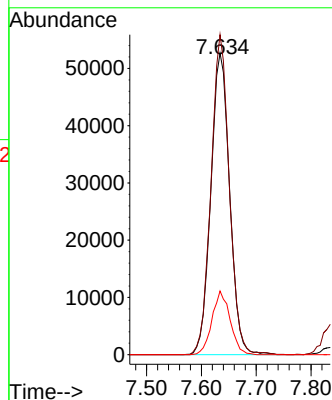
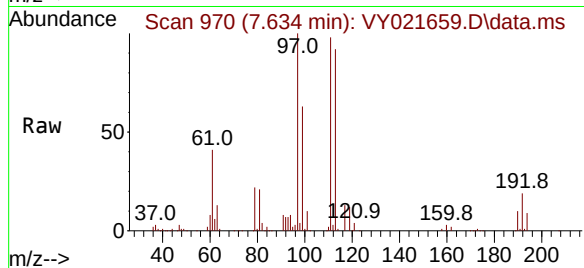
192 20.3 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#36

1,1-Dichloropropene

Concen: 50.763 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

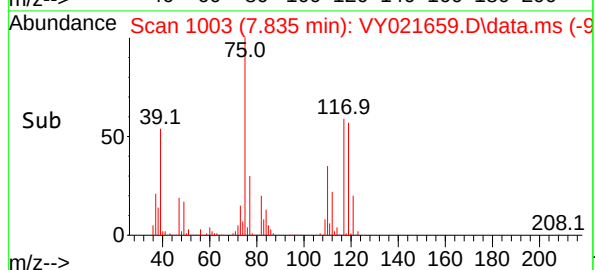
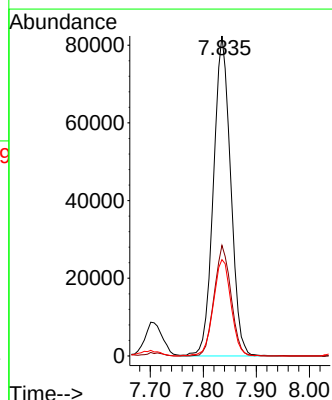
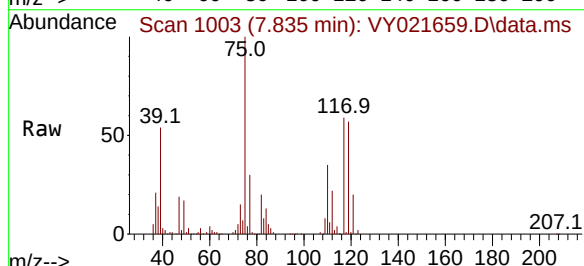
Tgt Ion: 75 Resp: 185559

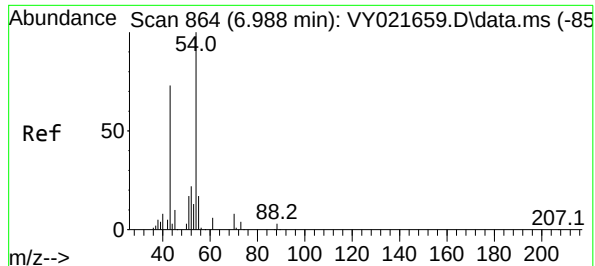
Ion Ratio Lower Upper

75 100

110 33.9 17.0 50.9

77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 50.617 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 8732

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.6

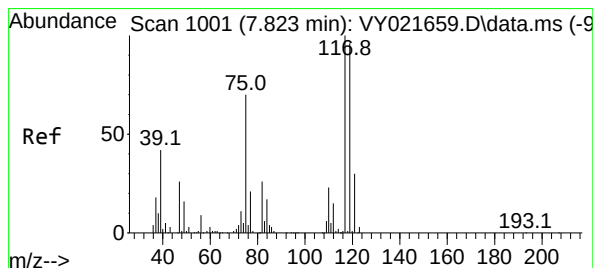
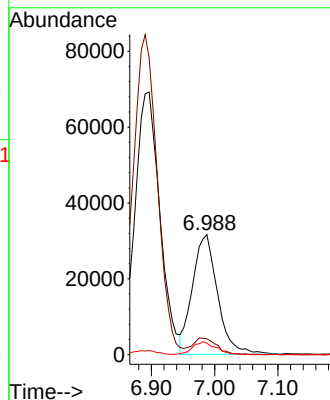
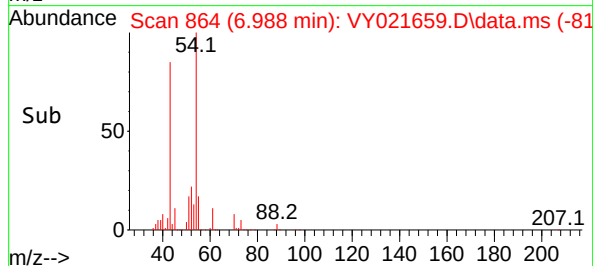
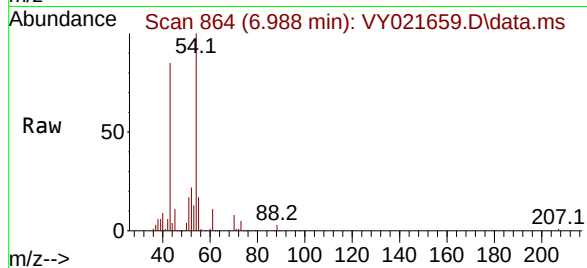
70 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#38

Carbon Tetrachloride

Concen: 49.810 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

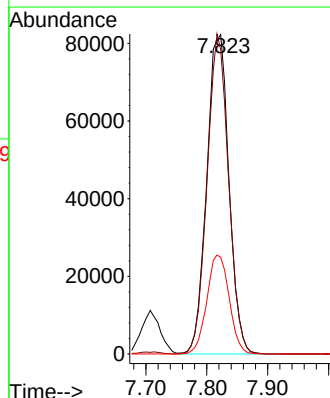
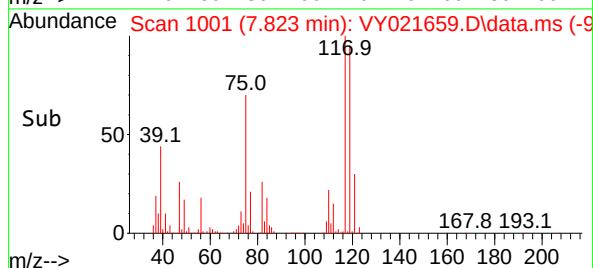
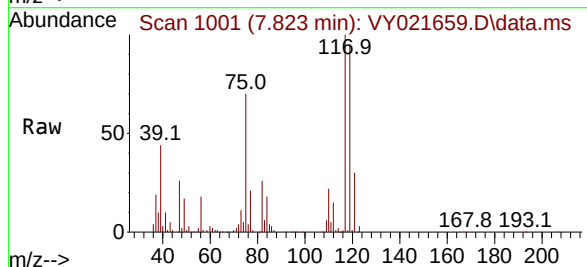
Tgt Ion:117 Resp: 208537

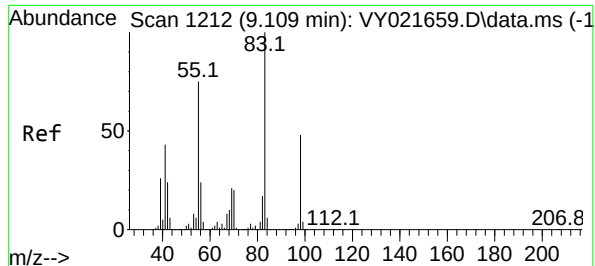
Ion Ratio Lower Upper

117 100

119 95.3 76.2 114.4

121 30.3 24.2 36.4





#39

Methylcyclohexane

Concen: 52.472 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 229134

Ion Ratio Lower Upper

83 100

55 74.6 59.7 89.5

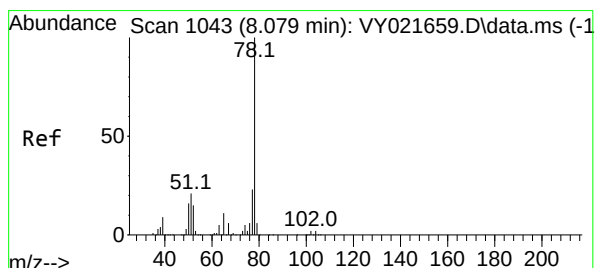
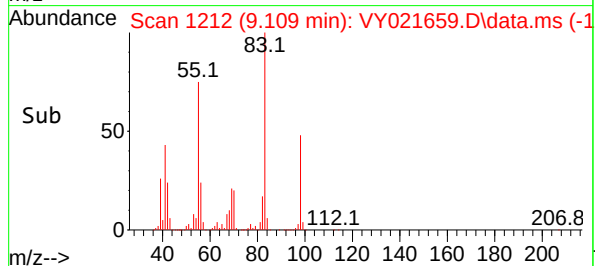
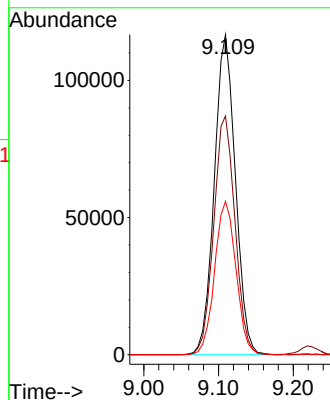
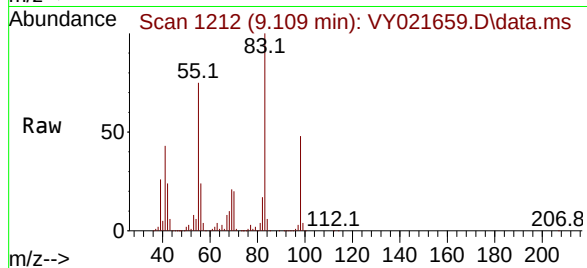
98 47.9 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#40

Benzene

Concen: 50.649 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021659.D

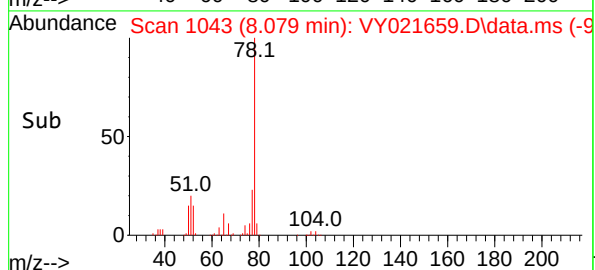
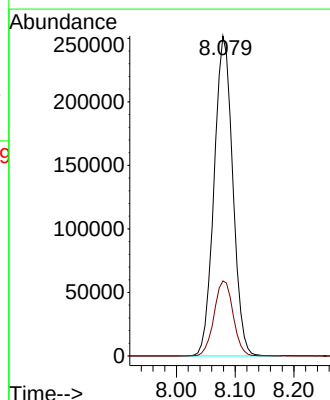
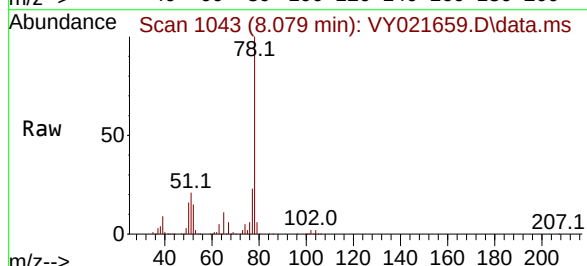
Acq: 27 Mar 2025 11:16

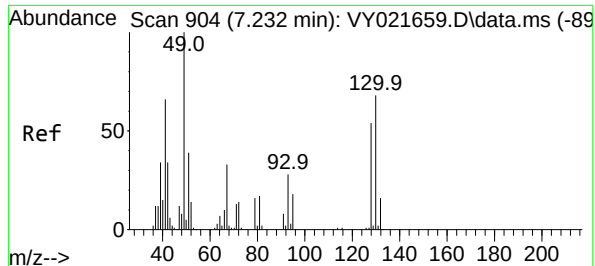
Tgt Ion: 78 Resp: 554462

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2





#41

Methacrylonitrile

Concen: 55.298 ug/l m

RT: 7.232 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 50658

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

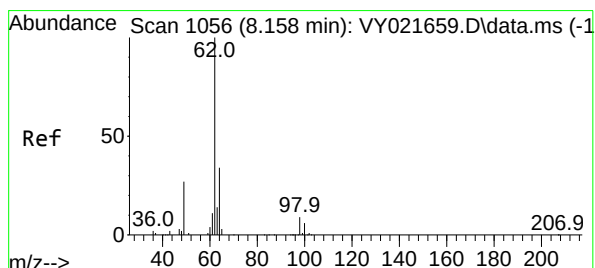
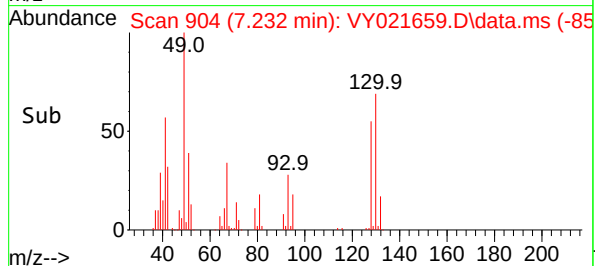
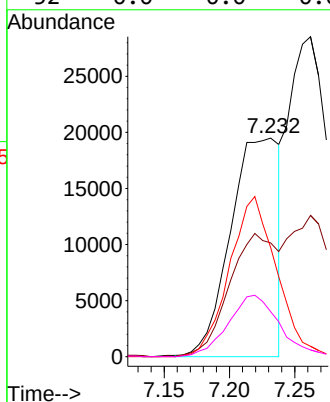
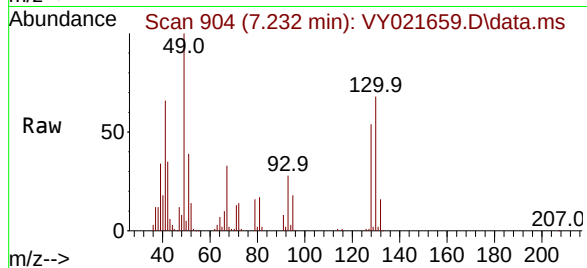
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#42

1,2-Dichloroethane

Concen: 50.343 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VY021659.D

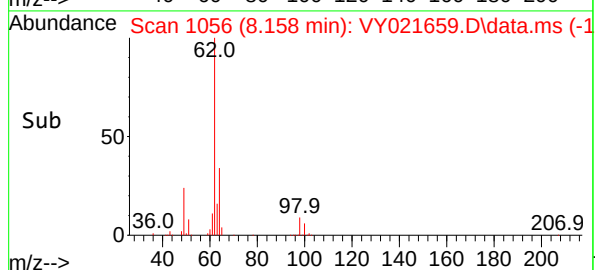
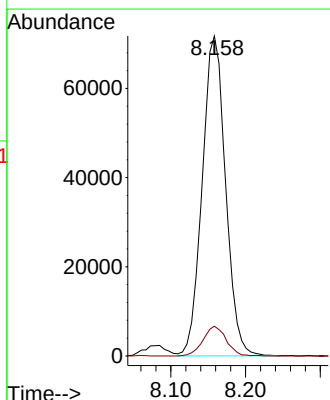
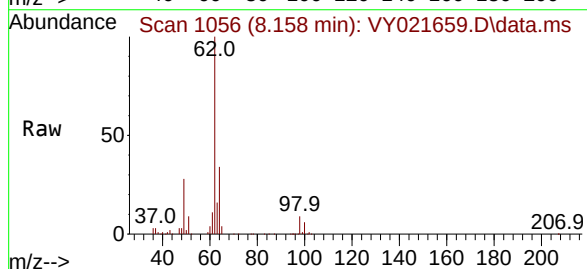
Acq: 27 Mar 2025 11:16

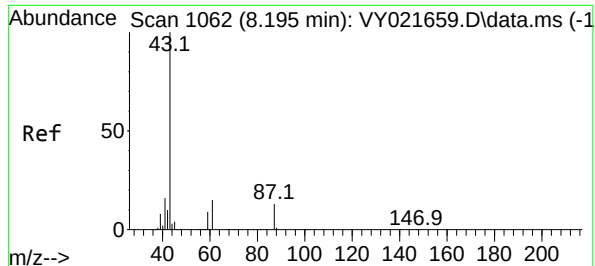
Tgt Ion: 62 Resp: 155365

Ion Ratio Lower Upper

62 100

98 9.2 0.0 18.4





#43

Isopropyl Acetate

Concen: 51.076 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 16698

Ion Ratio Lower Upper

43 100

61 19.9 15.9 23.9

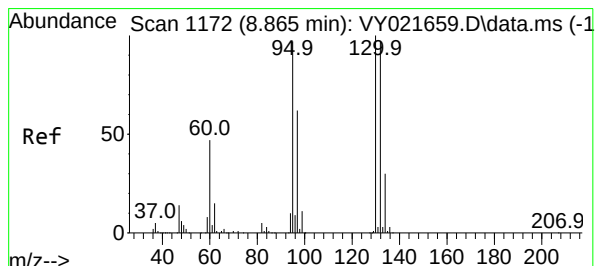
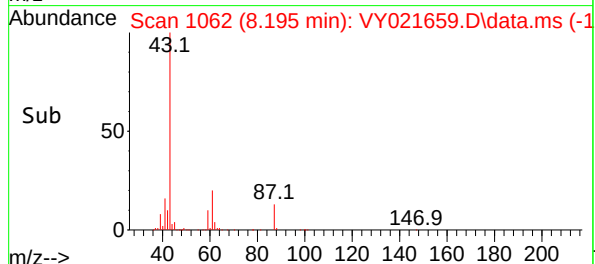
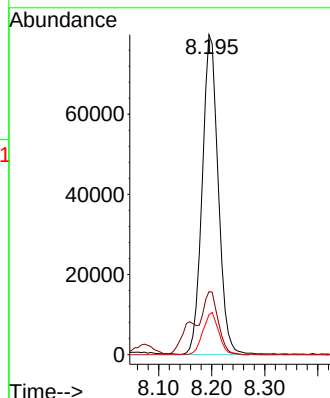
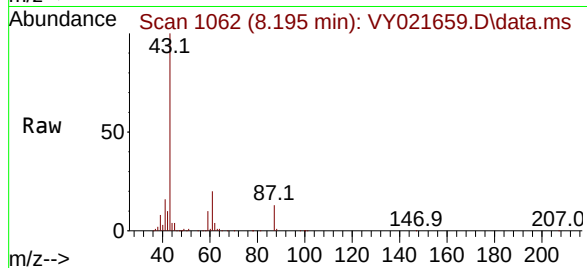
87 13.0 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#44

Trichloroethene

Concen: 49.637 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021659.D

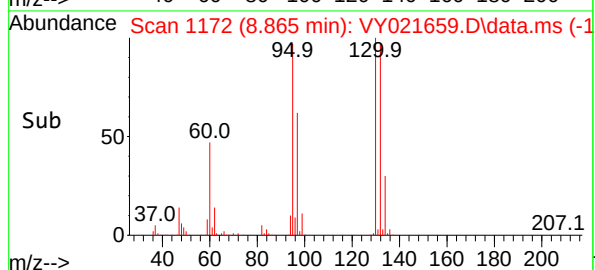
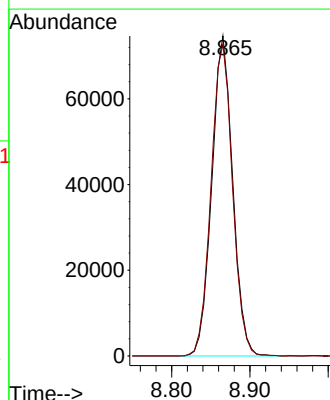
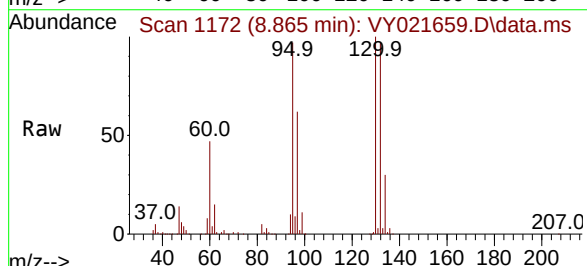
Acq: 27 Mar 2025 11:16

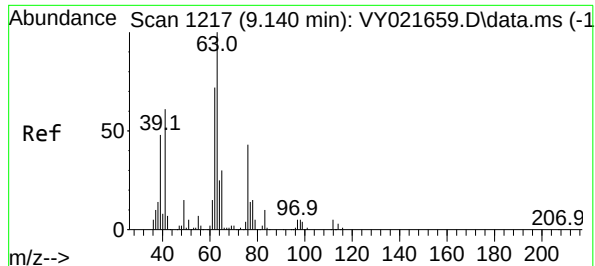
Tgt Ion:130 Resp: 138449

Ion Ratio Lower Upper

130 100

95 97.4 0.0 194.8





#45

1,2-Dichloropropane

Concen: 50.395 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 130580

Ion Ratio Lower Upper

63 100

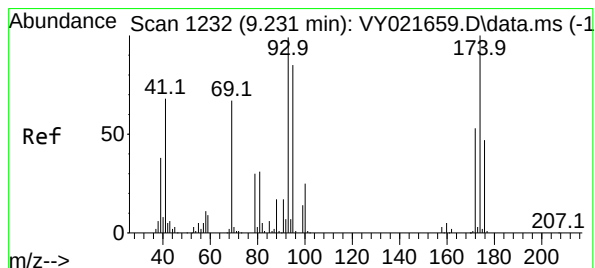
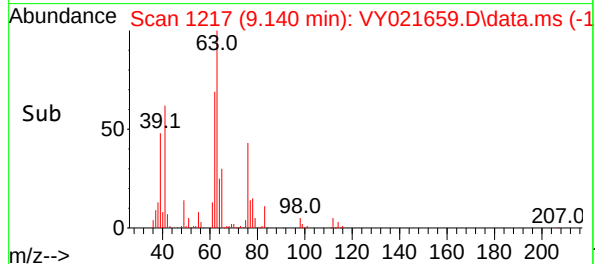
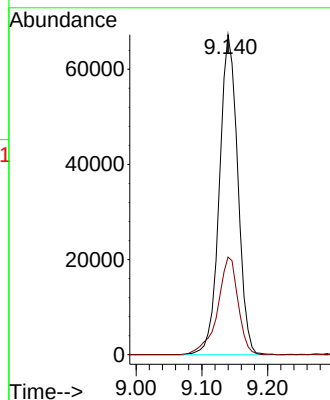
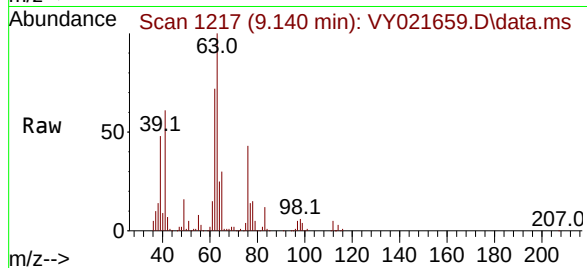
65 30.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#46

Dibromomethane

Concen: 49.174 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

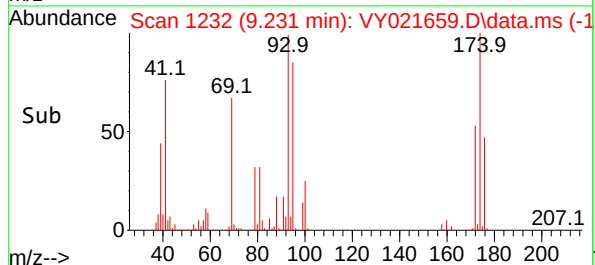
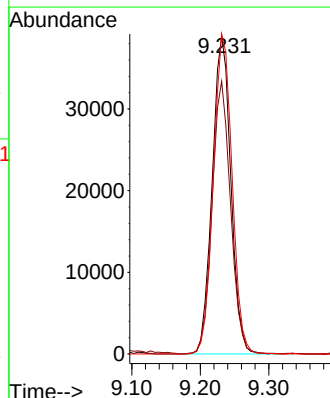
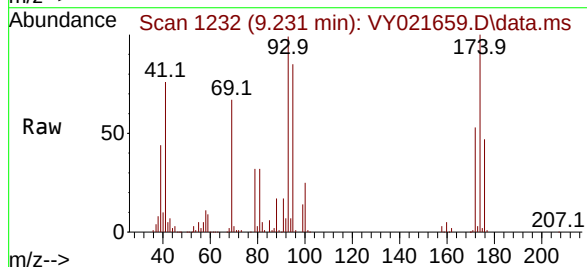
Tgt Ion: 93 Resp: 73435

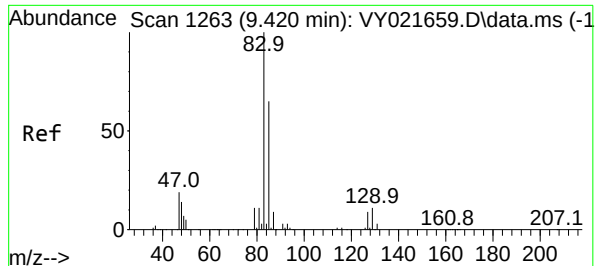
Ion Ratio Lower Upper

93 100

95 85.1 68.1 102.1

174 101.1 80.9 121.3





#47

Bromodichloromethane

Concen: 50.237 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

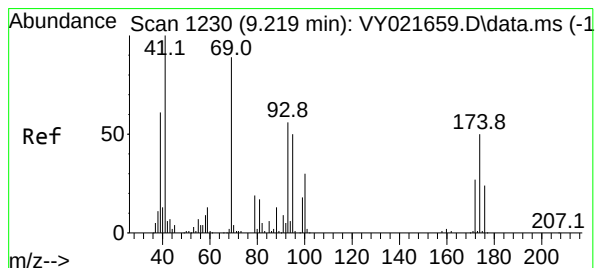
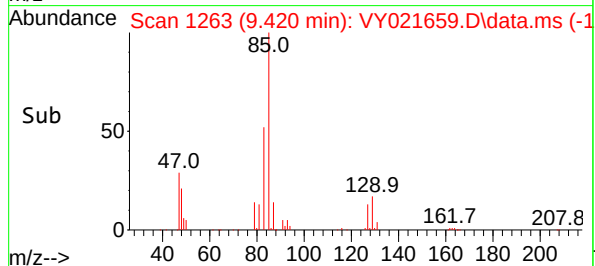
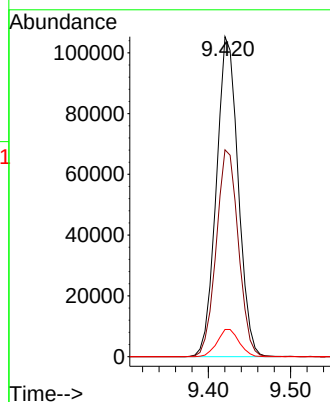
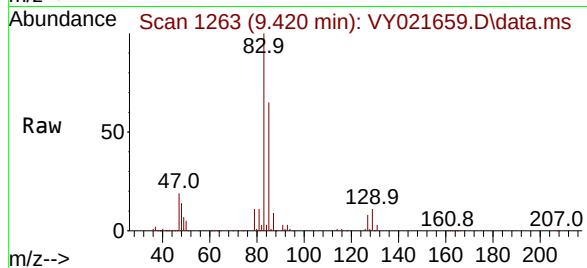
VSTDICCC050

Tgt Ion:	83	Resp:	19439
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6
127	8.5	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48

Methyl methacrylate

Concen: 51.902 ug/l

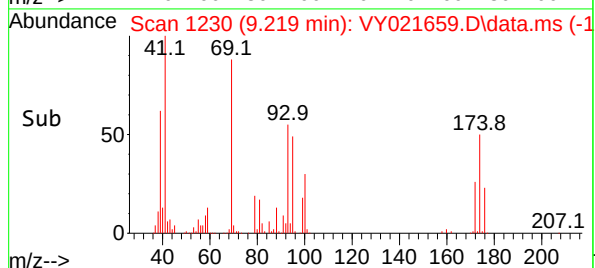
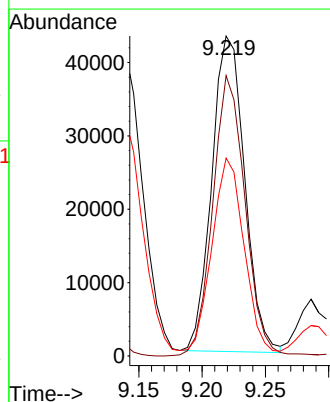
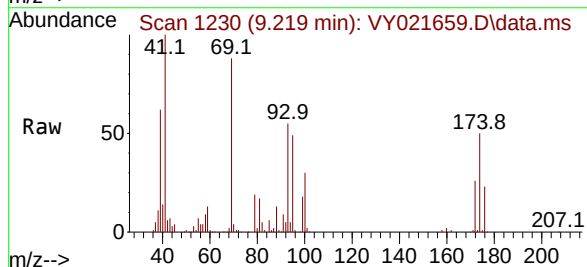
RT: 9.219 min Scan# 1230

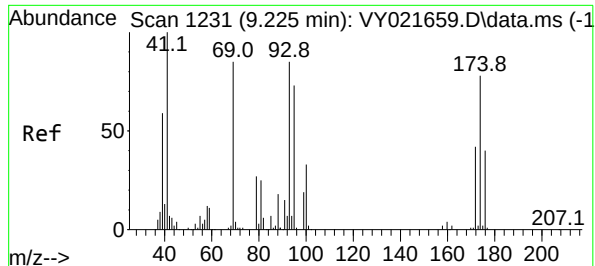
Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Tgt Ion:	41	Resp:	77877
Ion	Ratio	Lower	Upper
41	100		
69	87.3	69.8	104.8
39	59.0	47.2	70.8





#49

1,4-Dioxane

Concen: 1030.192 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 1648

Ion Ratio Lower Upper

88 100

43 36.0 28.8 43.2

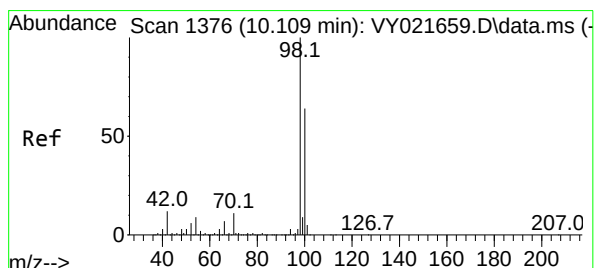
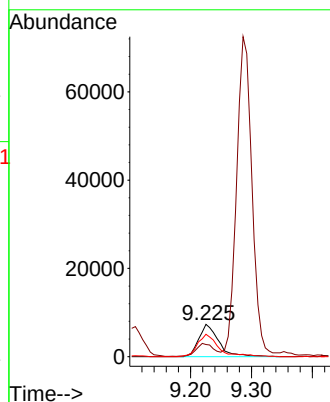
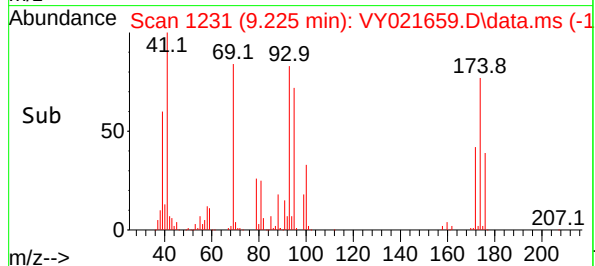
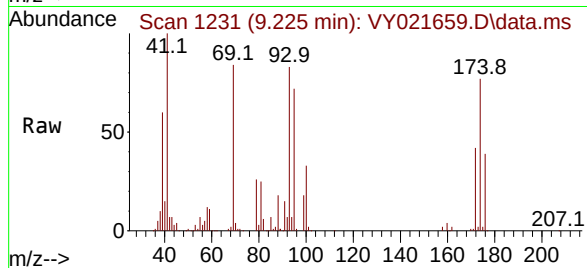
58 74.3 59.4 89.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#50

Toluene-d8

Concen: 52.909 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021659.D

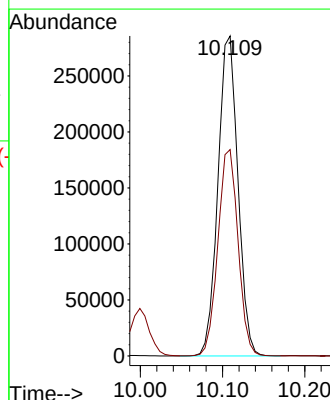
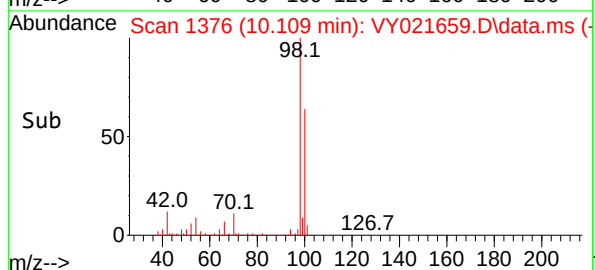
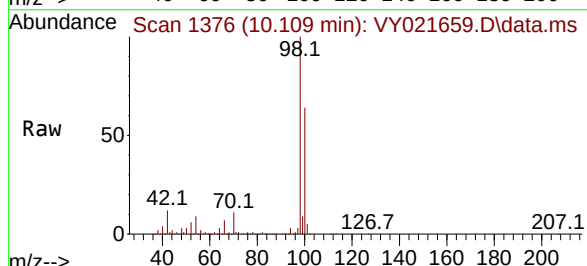
Acq: 27 Mar 2025 11:16

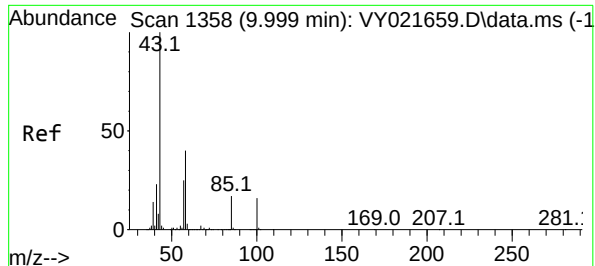
Tgt Ion: 98 Resp: 483058

Ion Ratio Lower Upper

98 100

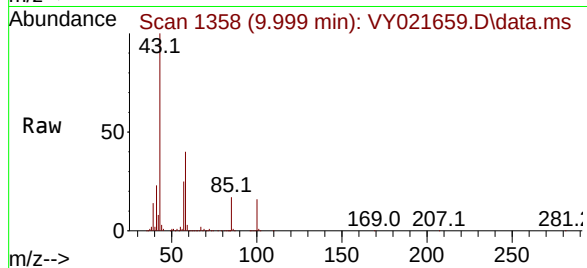
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 261.893 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

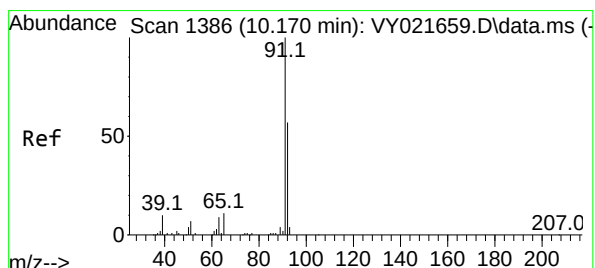
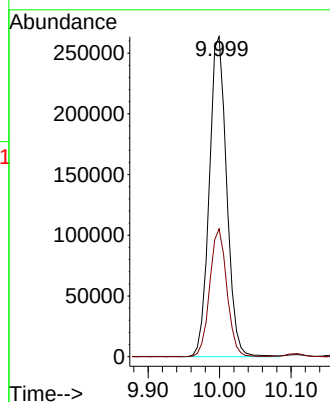
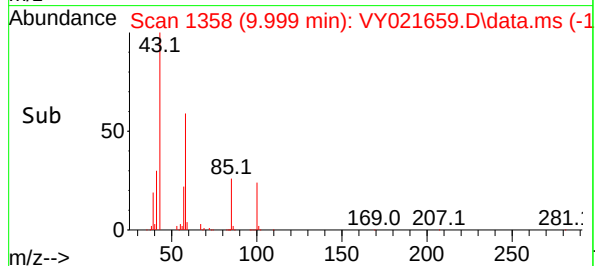
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 445564
Ion Ratio Lower Upper
43 100
58 39.4 31.5 47.3

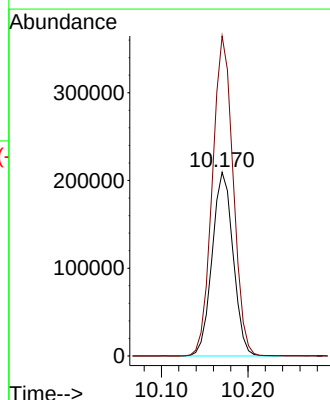
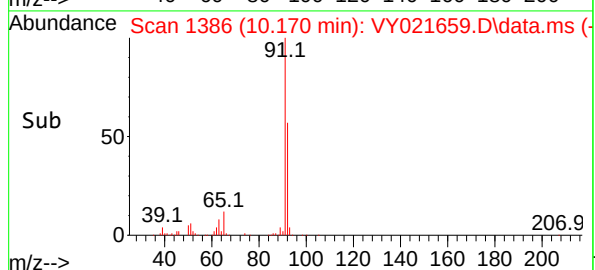
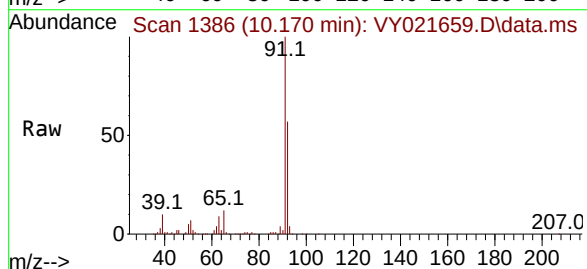
Manual Integrations
APPROVED

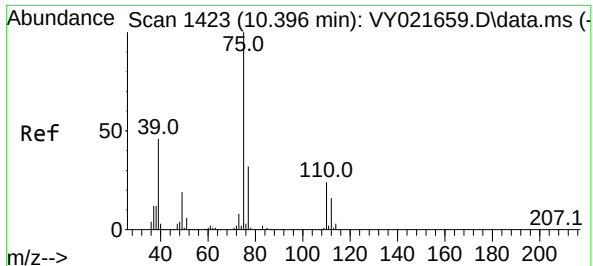
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 51.496 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

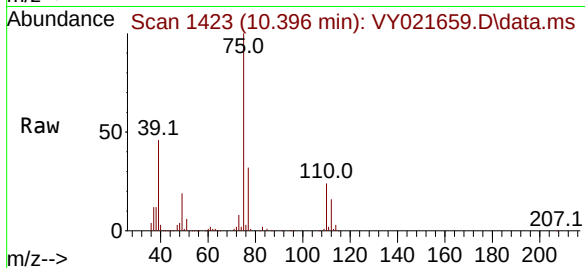
Tgt Ion: 92 Resp: 351715
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 52.296 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

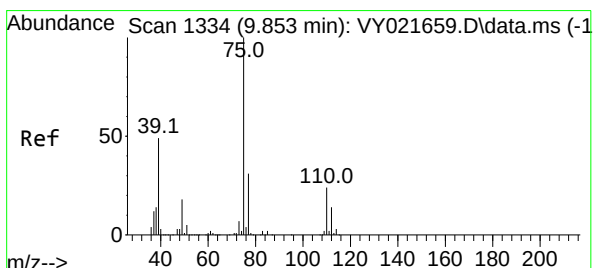
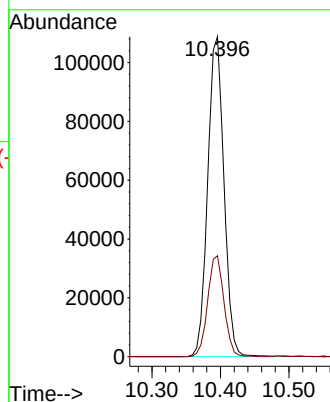
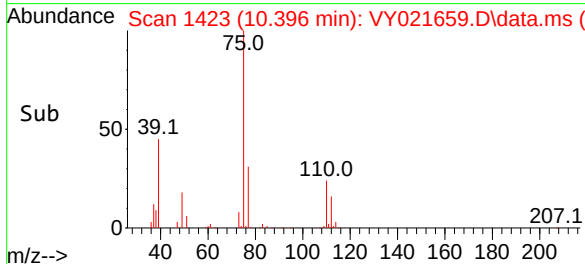
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 17974
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9

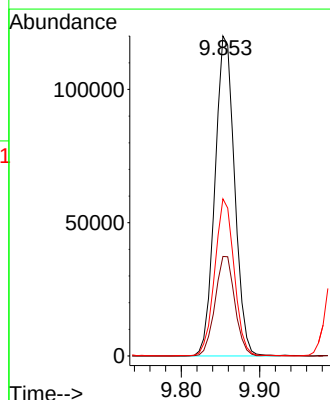
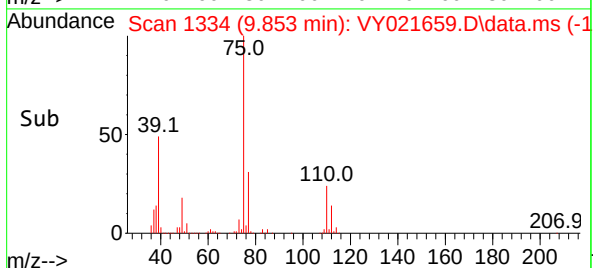
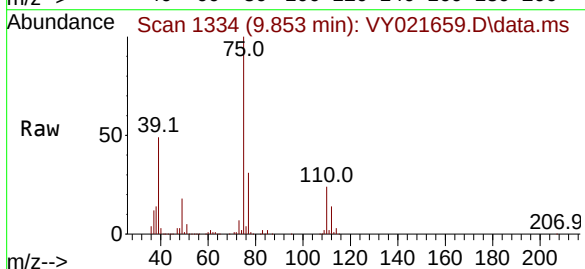
Manual Integrations
APPROVED

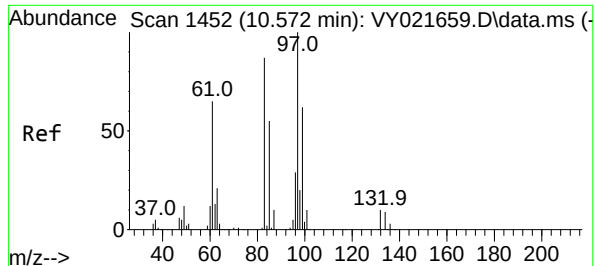
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#54
cis-1,3-Dichloropropene
Concen: 51.579 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

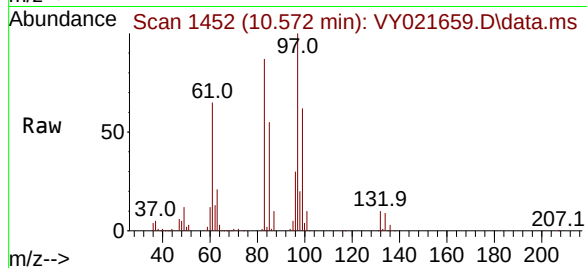
Tgt Ion: 75 Resp: 209143
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3
39 49.0 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 50.254 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

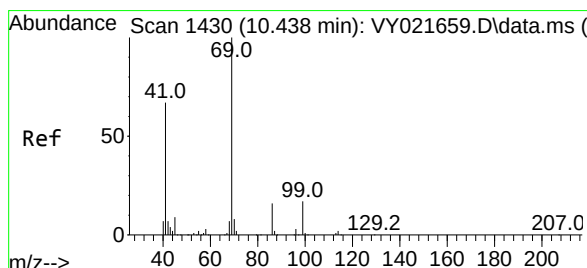
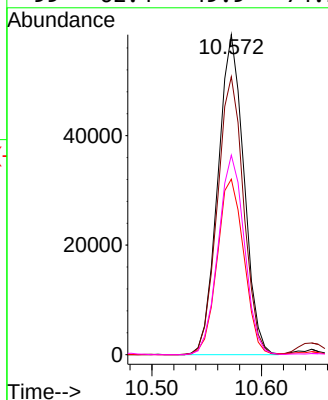
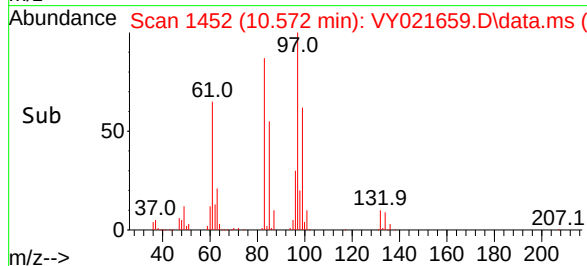


Tgt Ion: 97 Resp: 96578

Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.5	104.3
85	54.9	43.9	65.9
99	62.4	49.9	74.9

Manual Integrations
APPROVED

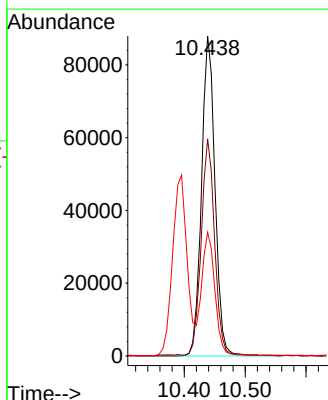
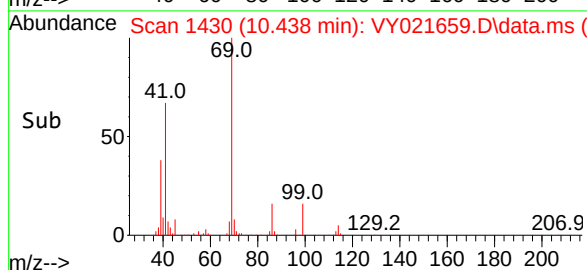
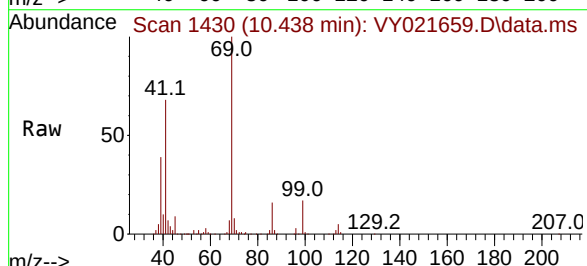
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

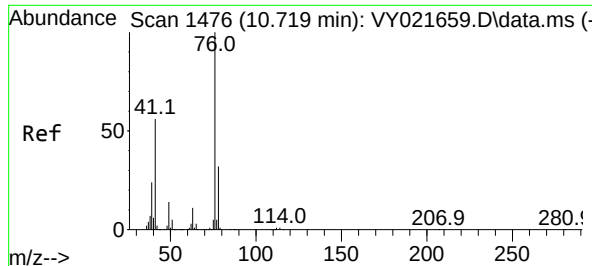


#56
Ethyl methacrylate
Concen: 55.124 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 69 Resp: 135272

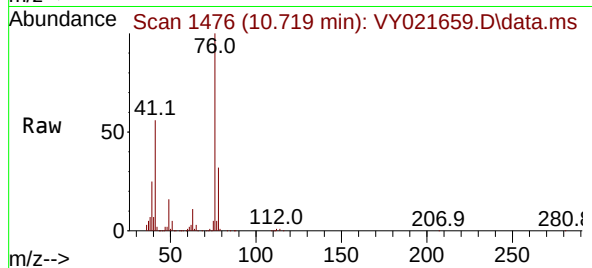
Ion	Ratio	Lower	Upper
69	100		
41	67.2	53.8	80.6
39	37.0	29.6	44.4





#57
1,3-Dichloropropane
Concen: 51.252 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

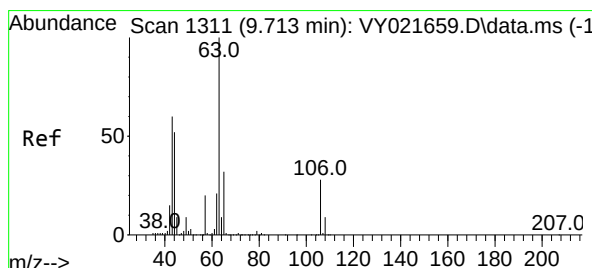
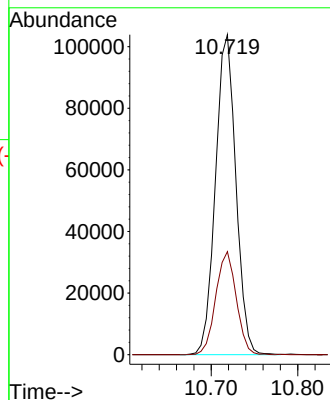
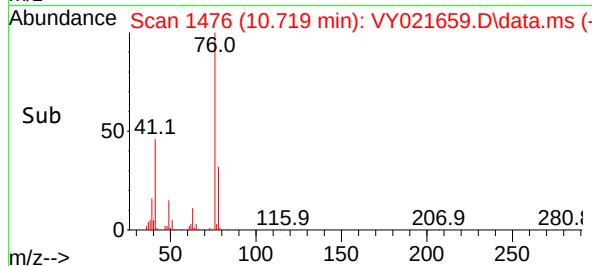
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 170109
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

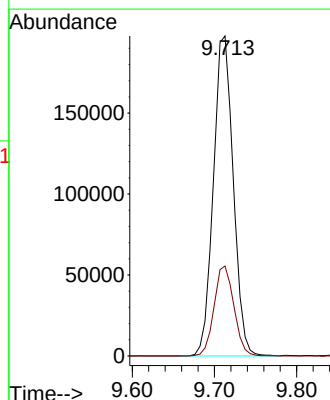
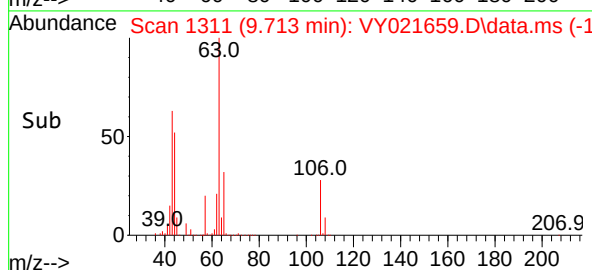
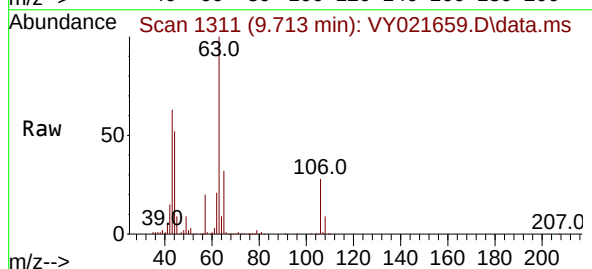
Manual Integrations
APPROVED

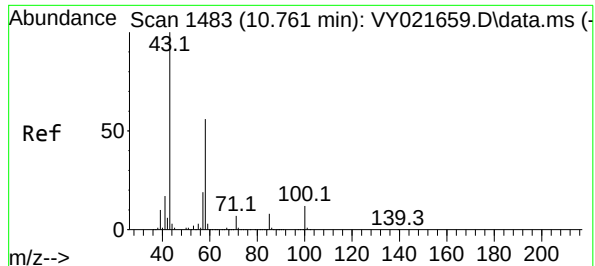
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 277.643 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 63 Resp: 332369
Ion Ratio Lower Upper
63 100
106 28.0 22.4 33.6





#59

2-Hexanone

Concen: 267.012 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 302538

Ion Ratio Lower Upper

43 100

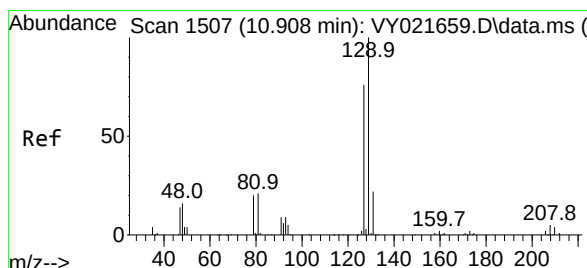
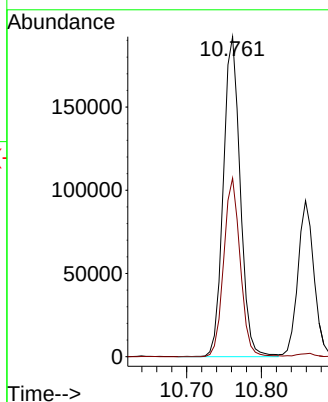
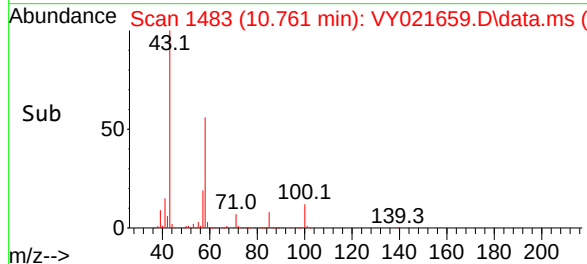
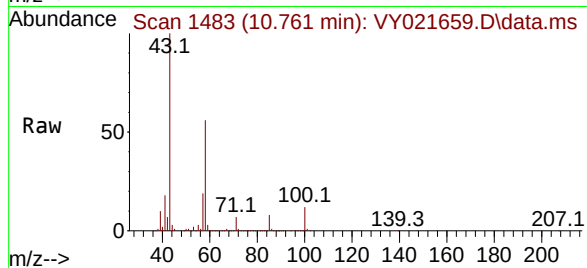
58 54.3 27.2 81.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#60

Dibromochloromethane

Concen: 51.334 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY021659.D

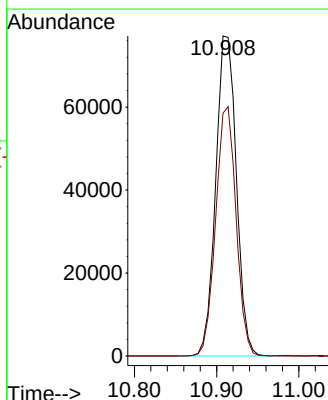
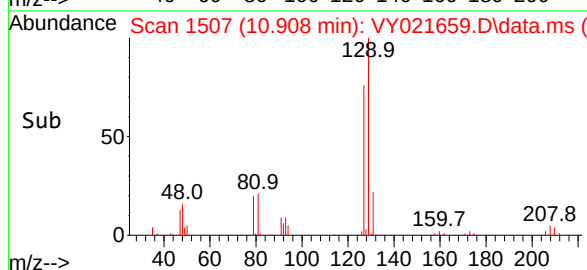
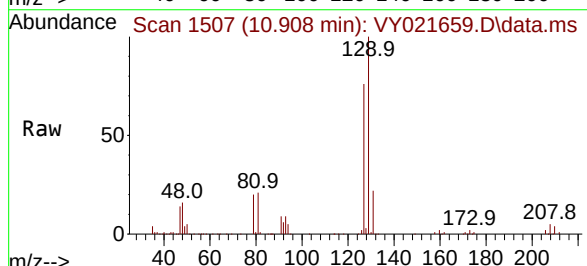
Acq: 27 Mar 2025 11:16

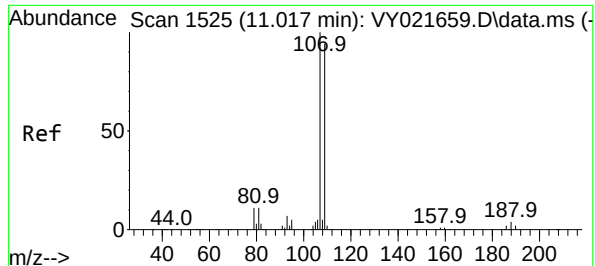
Tgt Ion:129 Resp: 134696

Ion Ratio Lower Upper

129 100

127 77.1 38.6 115.7





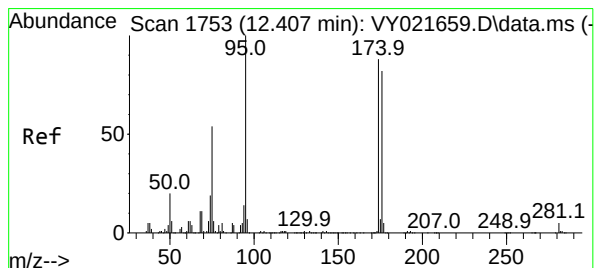
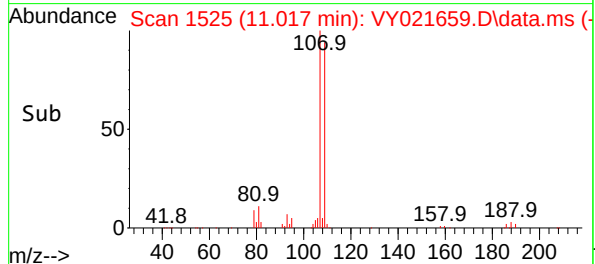
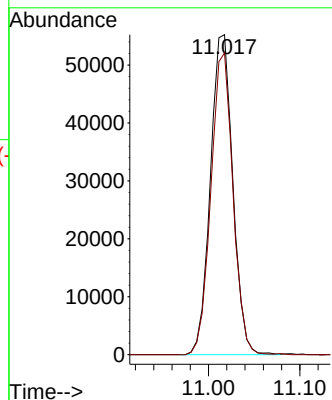
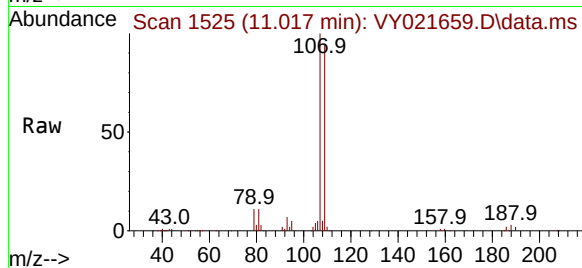
#61
1,2-Dibromoethane
Concen: 52.067 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 93860
Ion Ratio Lower Upper
107 100
109 93.0 74.4 111.6

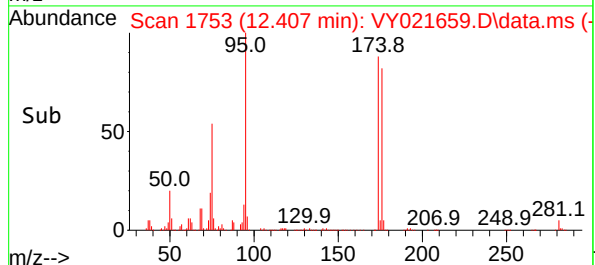
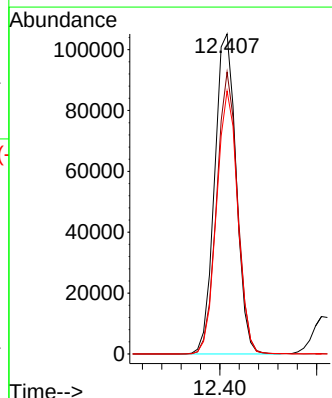
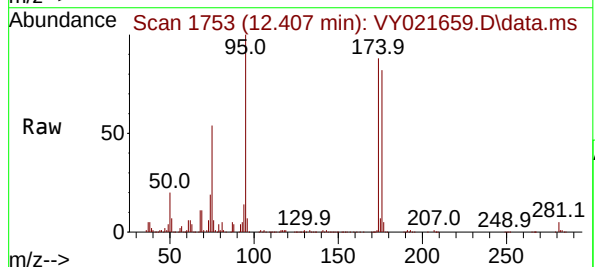
Manual Integrations
APPROVED

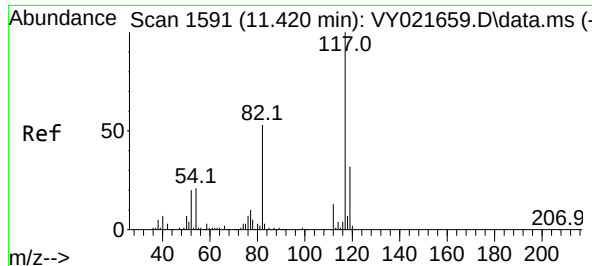
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 52.583 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

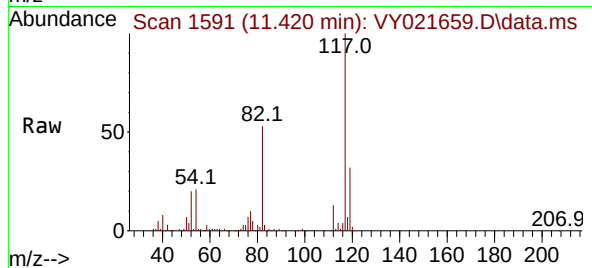
Tgt Ion: 95 Resp: 162384
Ion Ratio Lower Upper
95 100
174 85.4 0.0 170.8
176 81.0 0.0 162.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

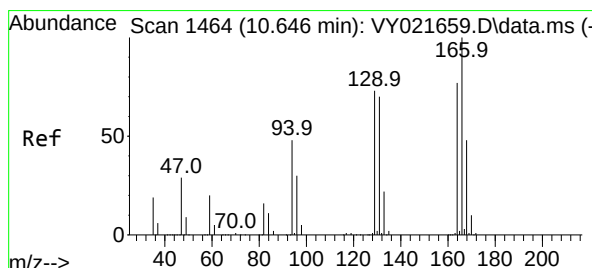
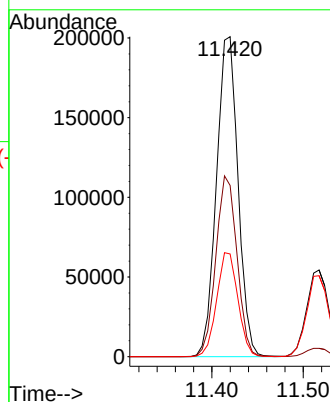
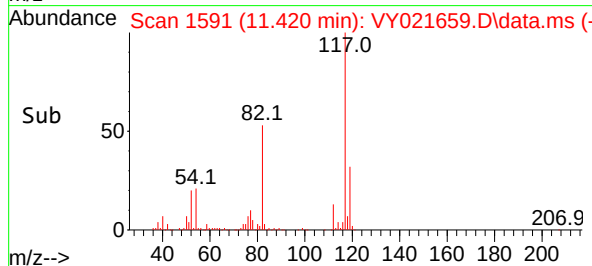
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 329620
Ion Ratio Lower Upper
117 100
82 53.5 42.8 64.2
119 32.1 25.7 38.5

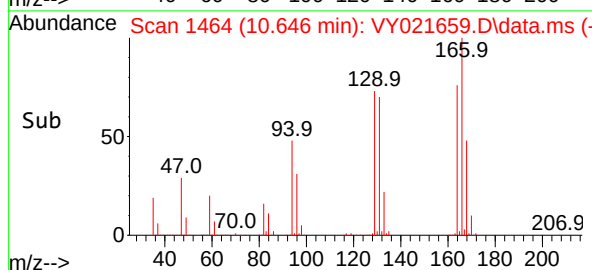
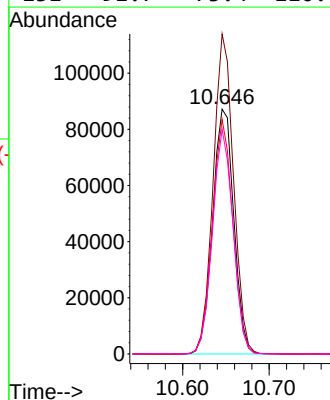
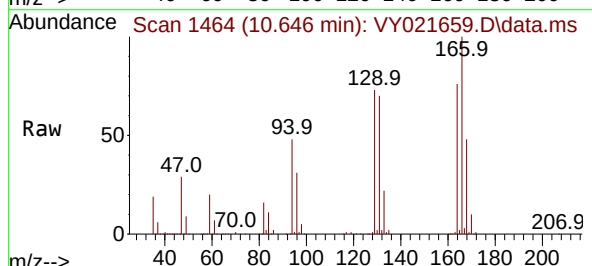
Manual Integrations
APPROVED

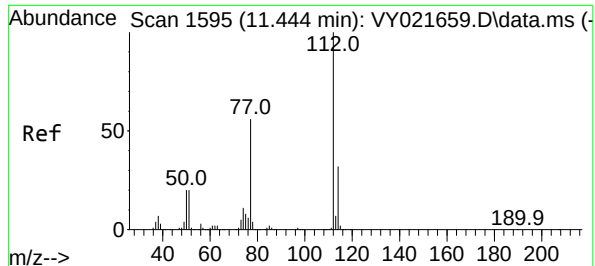
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#64
Tetrachloroethene
Concen: 49.288 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

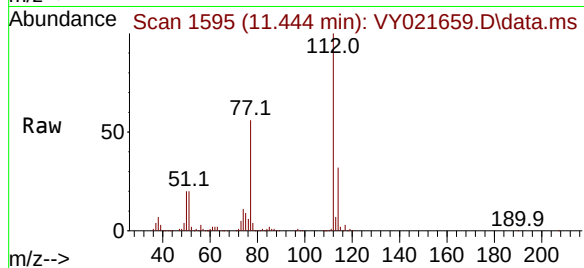
Tgt Ion:164 Resp: 147971
Ion Ratio Lower Upper
164 100
166 130.7 104.6 156.8
129 95.7 76.6 114.8
131 91.7 73.4 110.0





#65
Chlorobenzene
Concen: 50.378 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

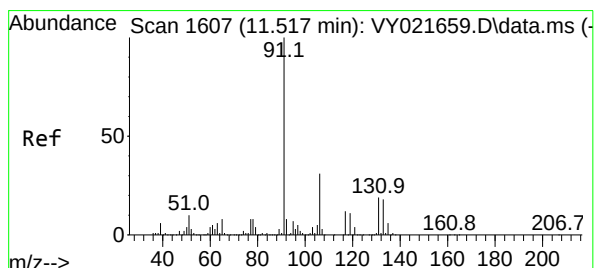
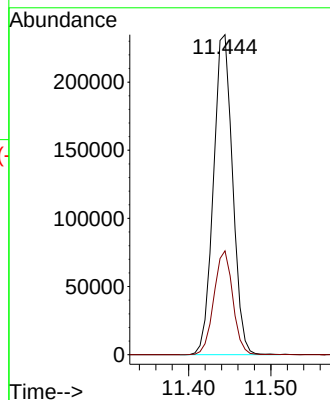
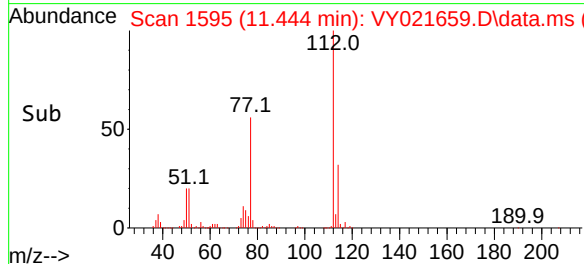
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



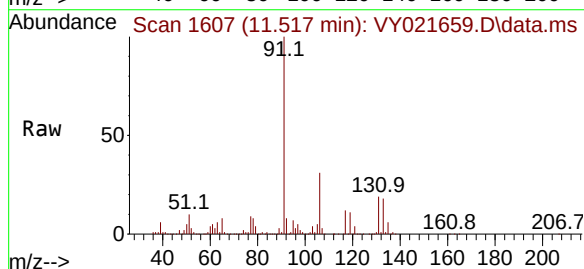
Tgt Ion:112 Resp: 38066
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9

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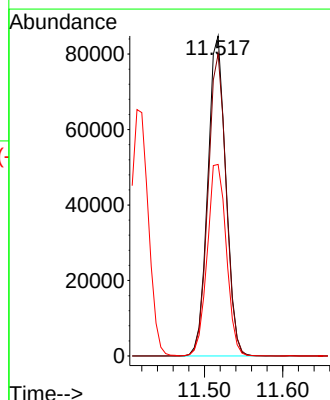
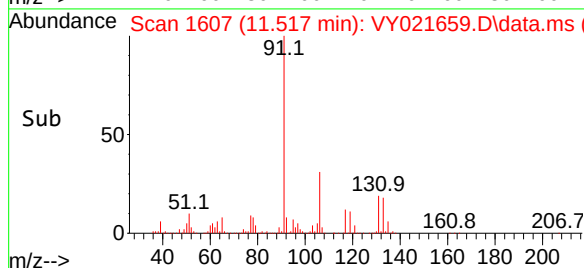
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

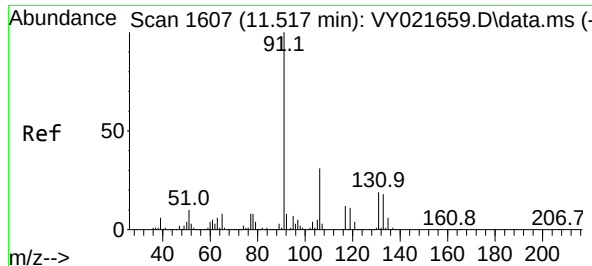


#66
1,1,1,2-Tetrachloroethane
Concen: 50.602 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16



Tgt Ion:131 Resp: 135660
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 63.3 31.6 95.0





#67

Ethyl Benzene

Concen: 52.188 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 676208

Ion Ratio Lower Upper

91 100

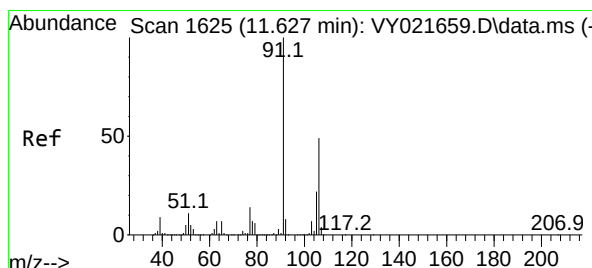
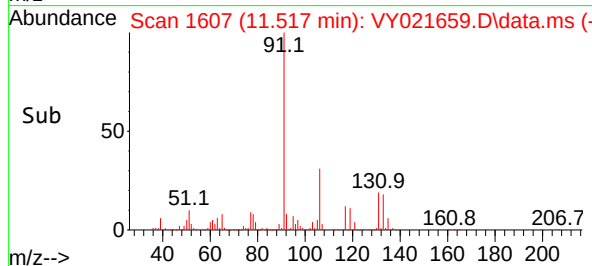
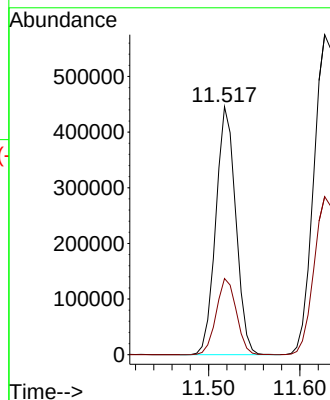
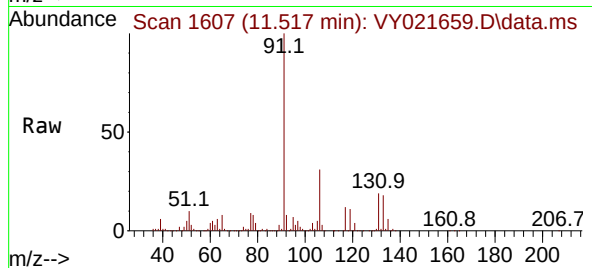
106 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#68

m/p-Xylenes

Concen: 104.634 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021659.D

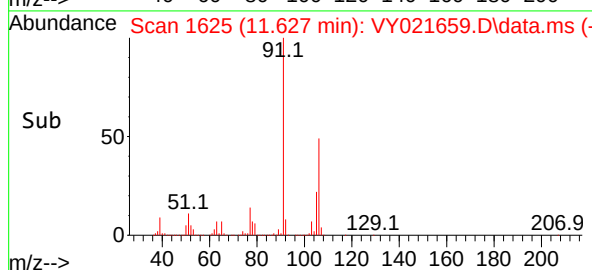
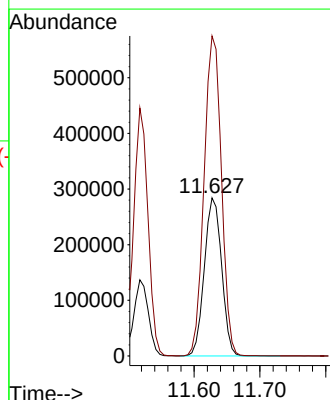
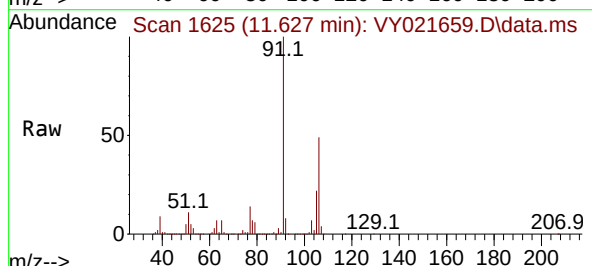
Acq: 27 Mar 2025 11:16

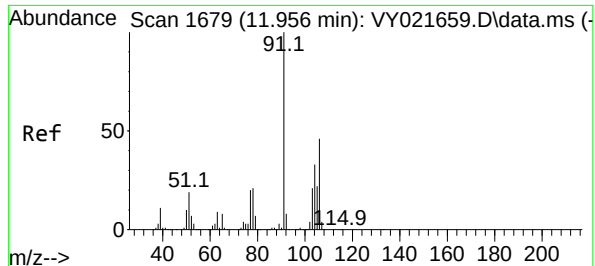
Tgt Ion:106 Resp: 519154

Ion Ratio Lower Upper

106 100

91 203.0 162.4 243.6





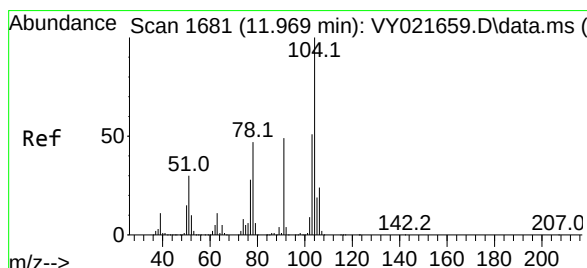
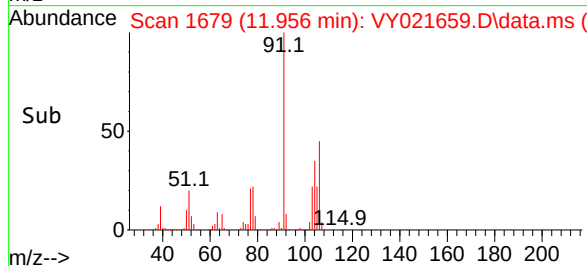
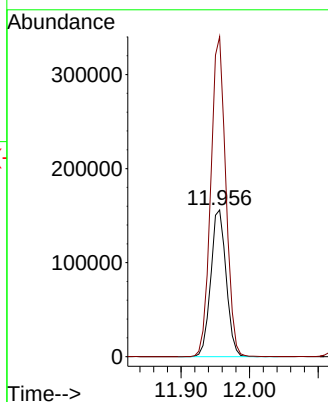
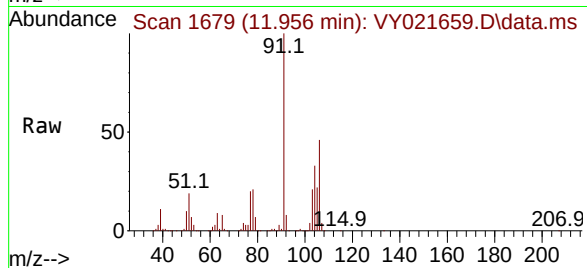
#69
o-Xylene
Concen: 53.135 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 243359
Ion Ratio Lower Upper
106 100
91 213.3 106.7 319.9

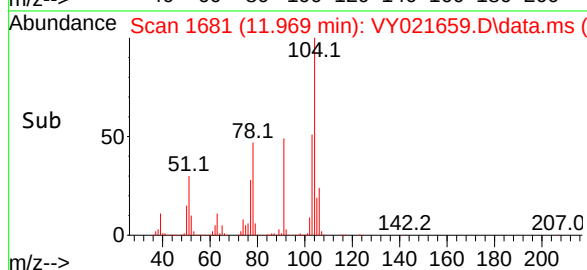
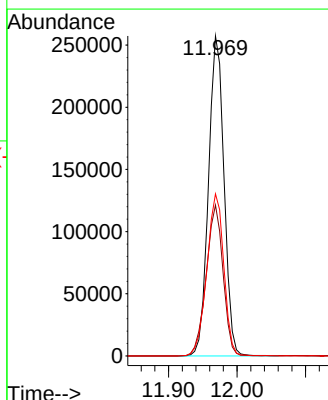
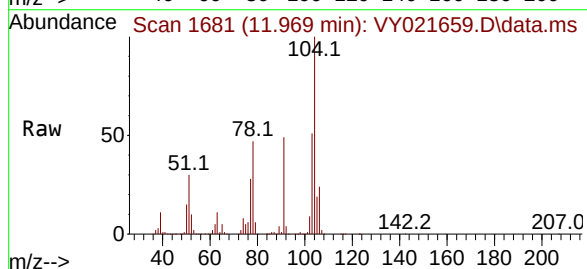
Manual Integrations
APPROVED

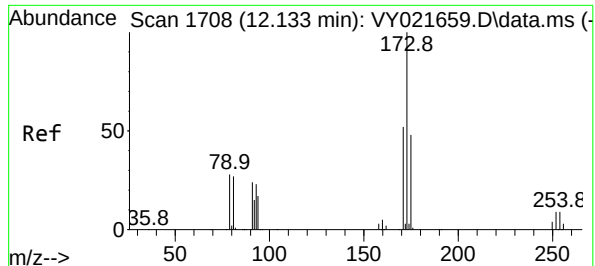
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 53.195 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

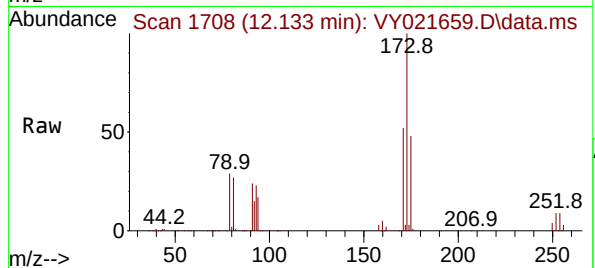
Tgt Ion:104 Resp: 406215
Ion Ratio Lower Upper
104 100
78 51.0 40.8 61.2
103 55.2 44.2 66.2





#71
Bromoform
Concen: 51.140 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

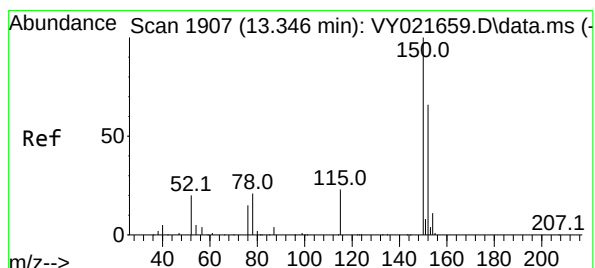
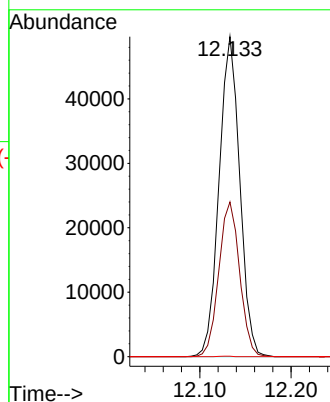
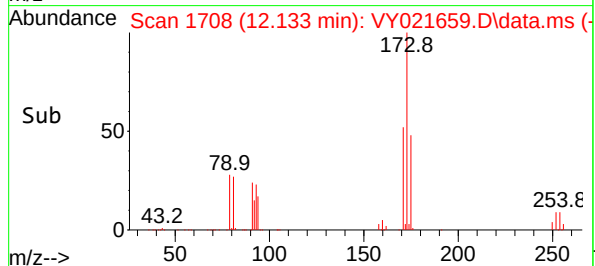
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:173 Resp: 78200
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.1 0.1 0.1

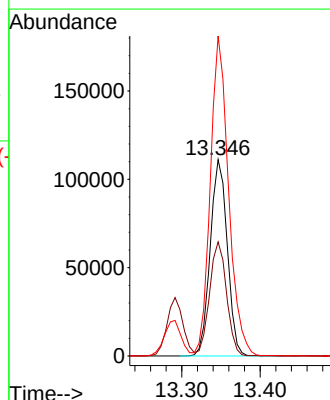
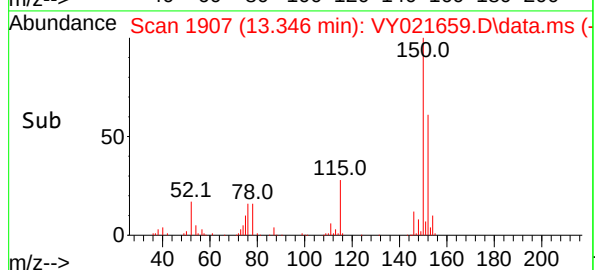
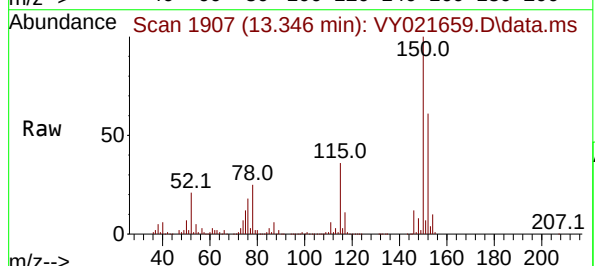
Manual Integrations
APPROVED

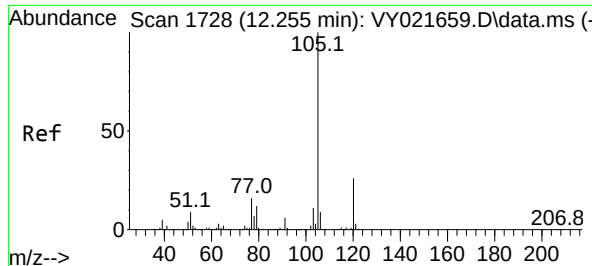
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

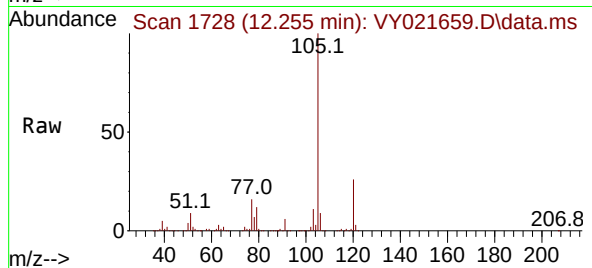
Tgt Ion:152 Resp: 167924
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 174.2 0.0 348.4





#73
Isopropylbenzene
Concen: 51.505 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

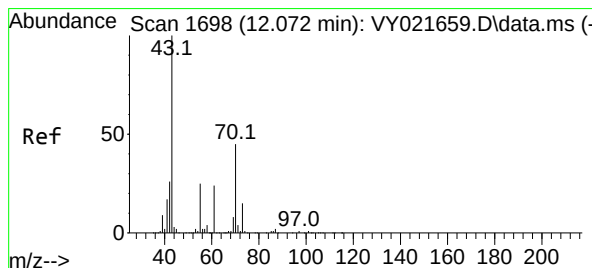
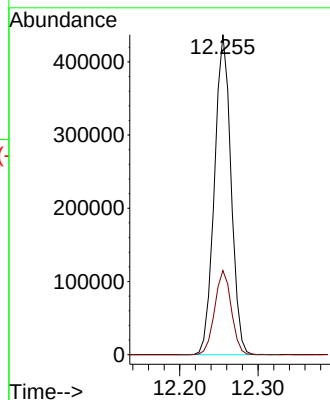
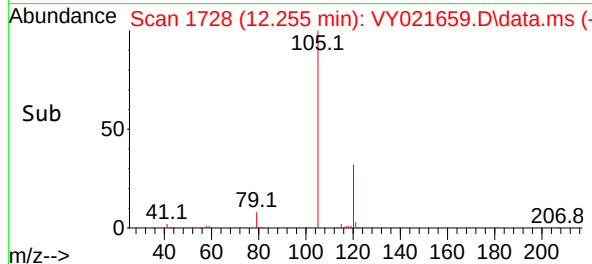
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 105 Resp: 64239
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

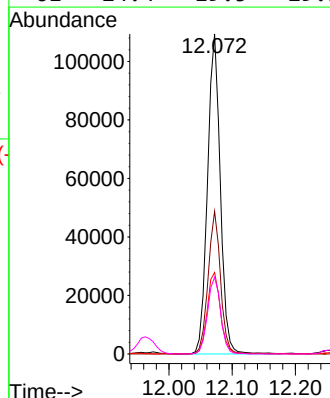
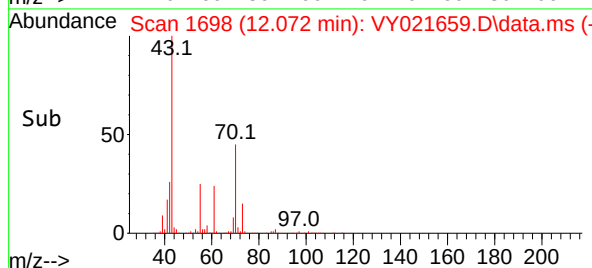
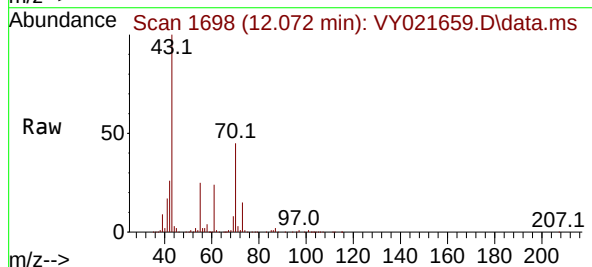
Manual Integrations
APPROVED

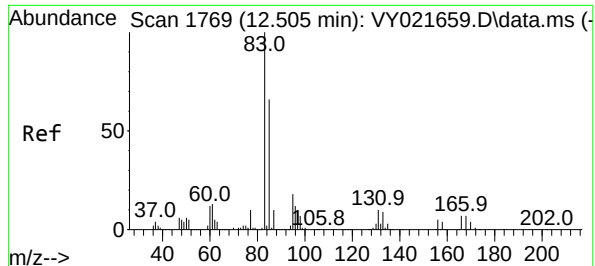
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#74
N-ethyl acetate
Concen: 52.630 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

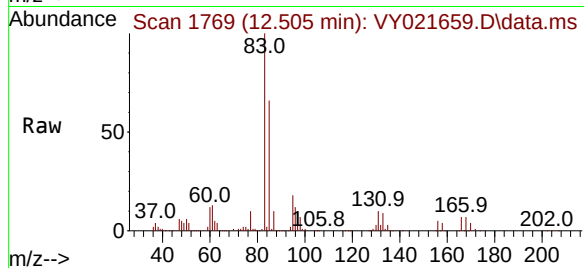
Tgt Ion: 43 Resp: 154054
Ion Ratio Lower Upper
43 100
70 43.4 34.7 52.1
55 26.5 21.2 31.8
61 24.4 19.5 29.3





#75
1,1,2,2-Tetrachloroethane
Concen: 49.185 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

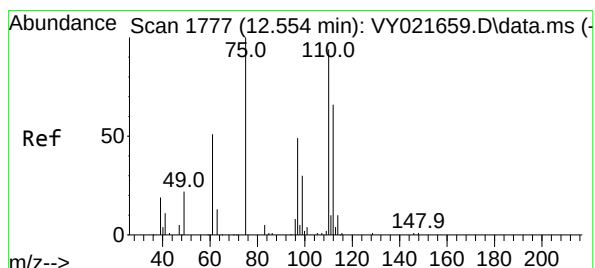
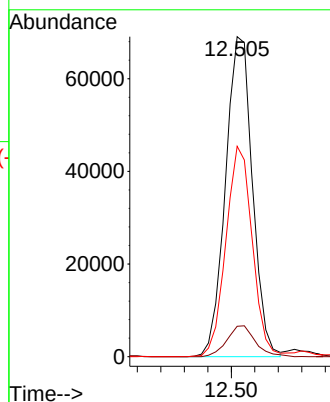
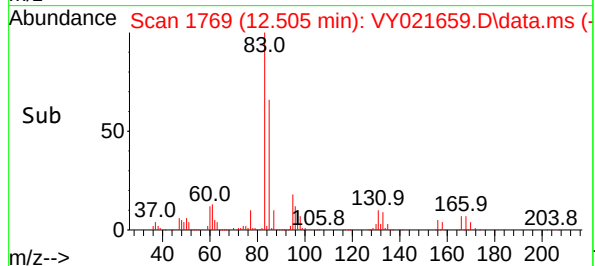
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 110292
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.5 32.3 96.8

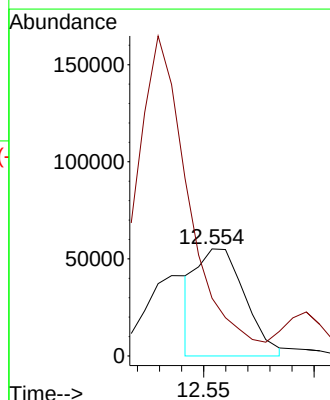
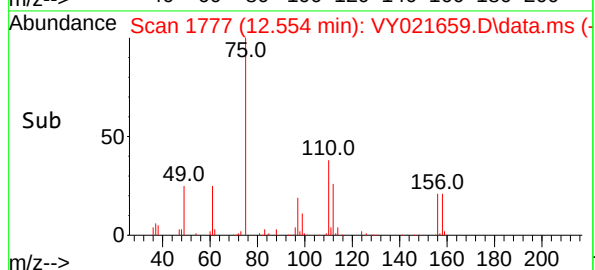
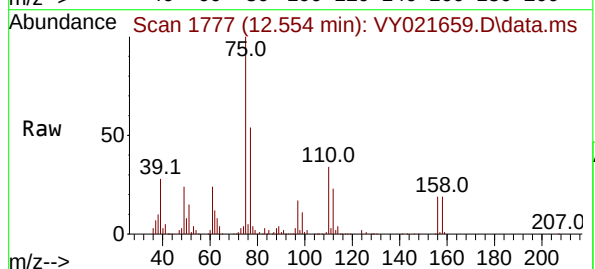
Manual Integrations
APPROVED

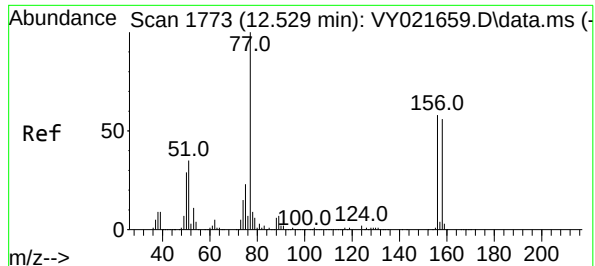
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#76
1,2,3-Trichloropropane
Concen: 50.257 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 75 Resp: 83656
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





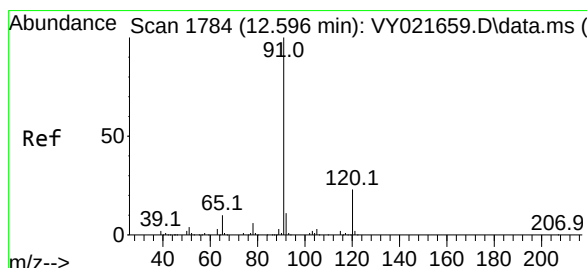
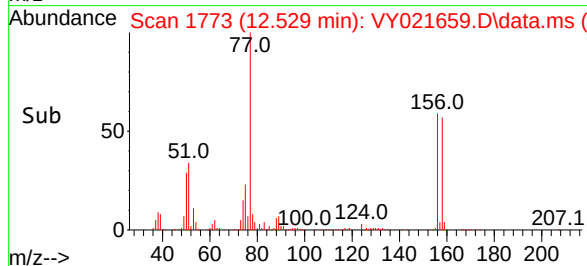
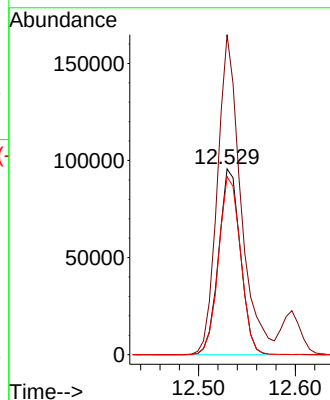
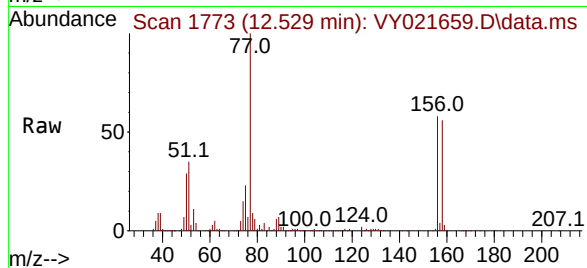
#77
Bromobenzene
Concen: 49.864 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 14932
Ion Ratio Lower Upper
156 100
77 185.5 92.8 278.3
158 97.1 48.5 145.6

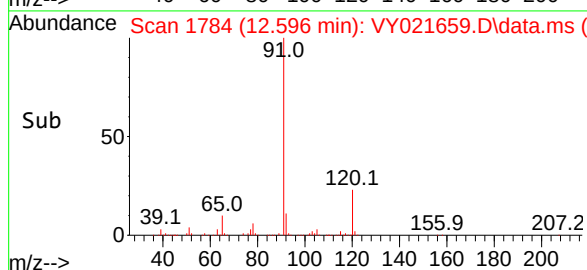
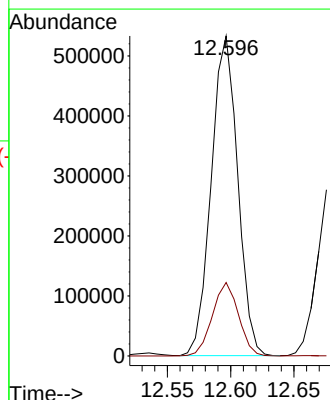
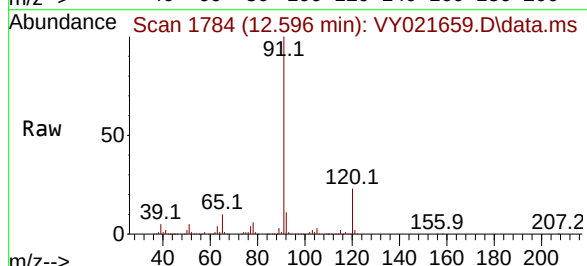
Manual Integrations
APPROVED

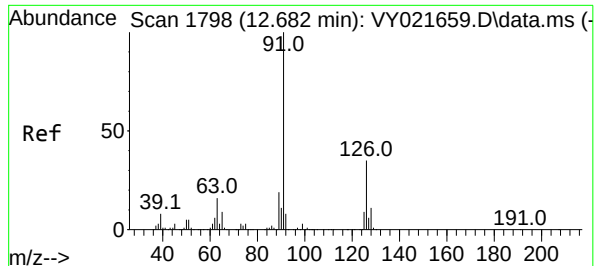
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#78
n-propylbenzene
Concen: 51.702 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 91 Resp: 775252
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9





#79

2-Chlorotoluene

Concen: 51.001 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 444178

Ion Ratio Lower Upper

91 100

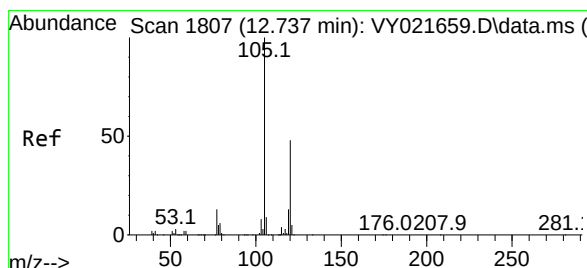
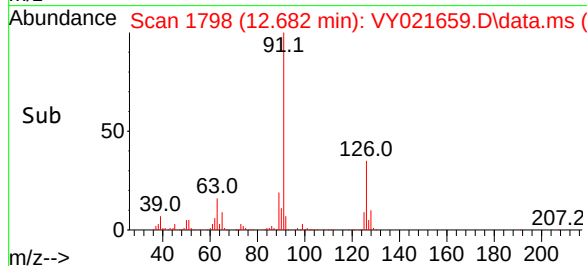
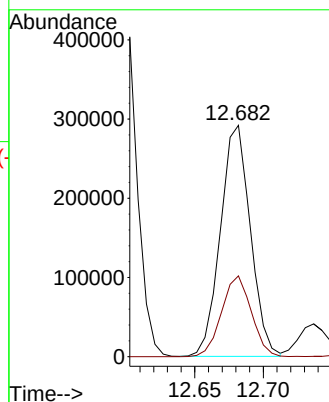
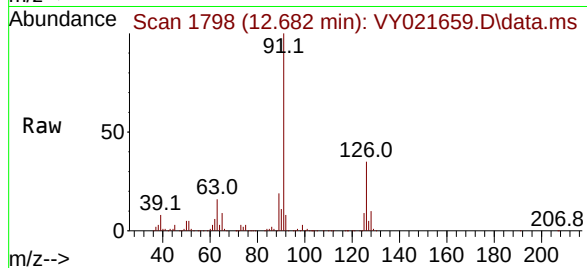
126 34.7 17.3 52.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 51.839 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021659.D

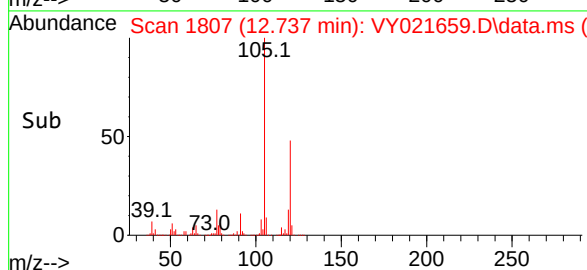
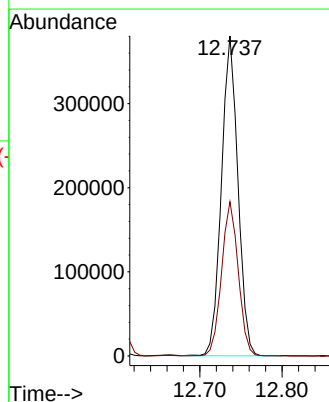
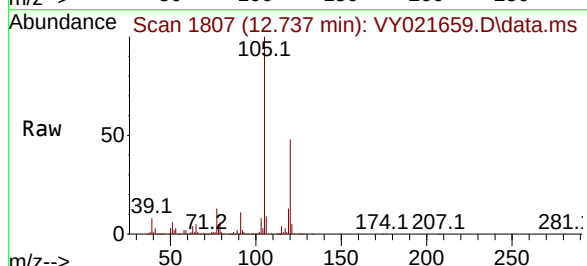
Acq: 27 Mar 2025 11:16

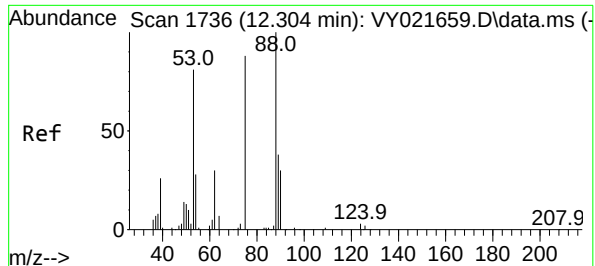
Tgt Ion:105 Resp: 528425

Ion Ratio Lower Upper

105 100

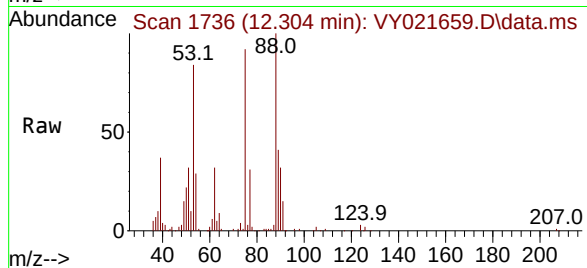
120 49.0 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 51.550 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

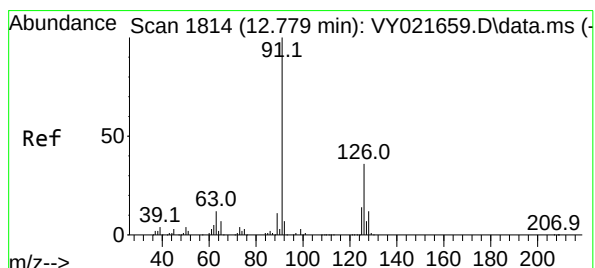
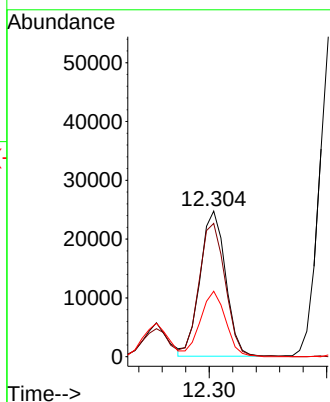
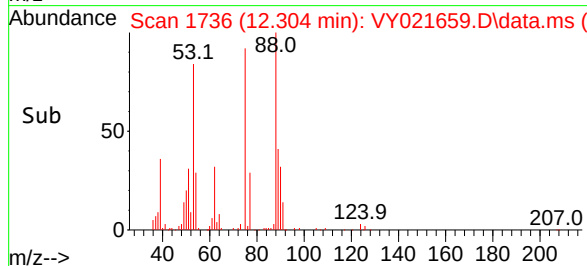
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 37240
Ion Ratio Lower Upper
75 100
53 95.1 76.1 114.1
89 45.3 36.2 54.4

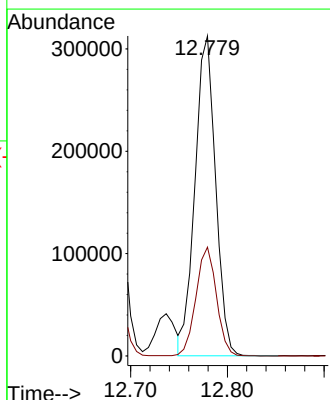
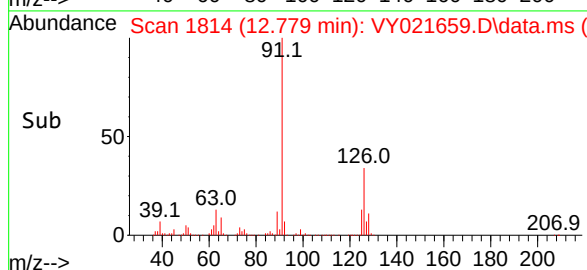
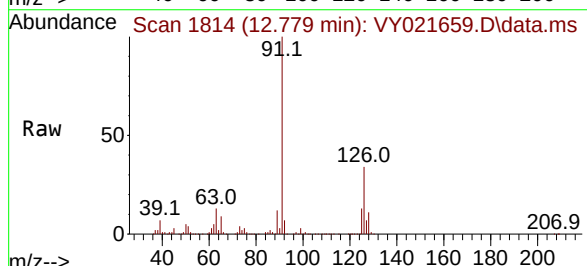
Manual Integrations
APPROVED

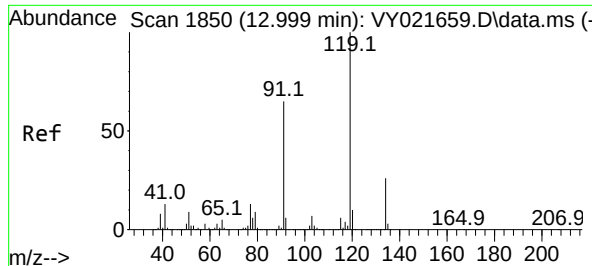
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#82
4-Chlorotoluene
Concen: 50.995 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

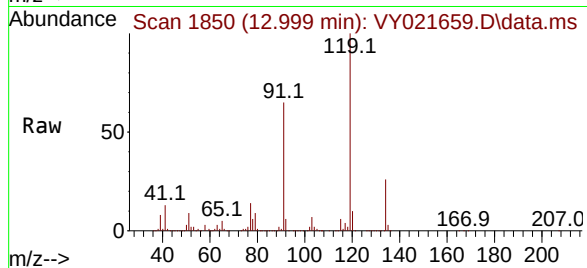
Tgt Ion: 91 Resp: 463024
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9





#83
tert-Butylbenzene
Concen: 51.541 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

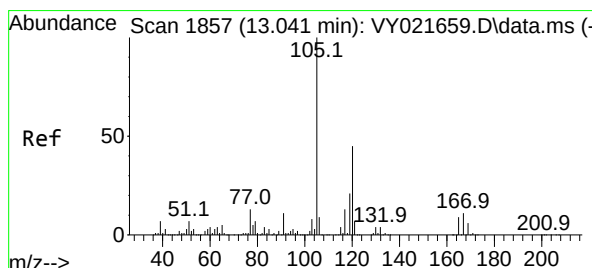
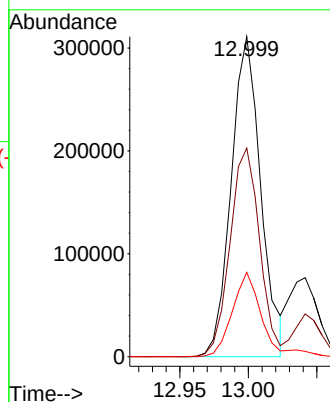
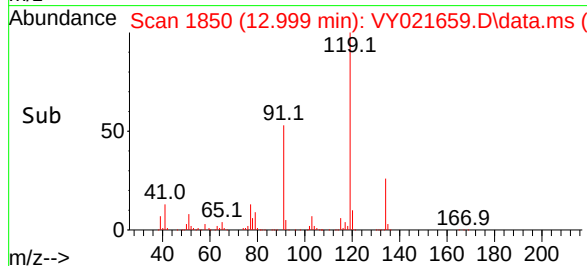
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 46796
Ion Ratio Lower Upper
119 100
91 65.1 32.6 97.7
134 26.4 13.2 39.6

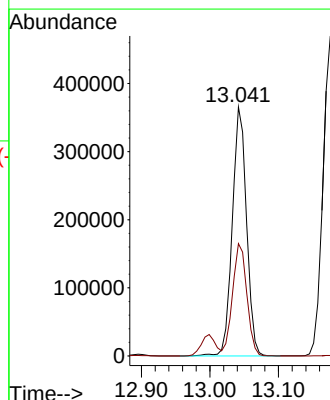
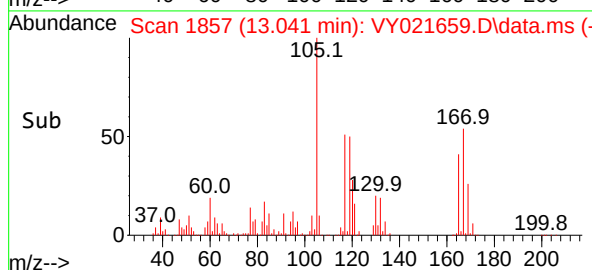
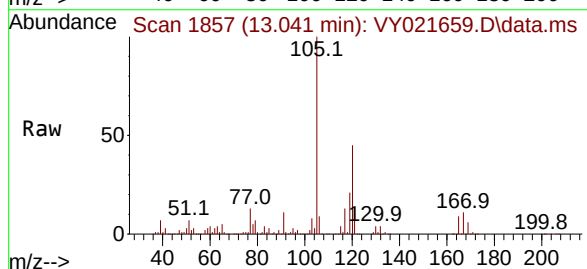
Manual Integrations
APPROVED

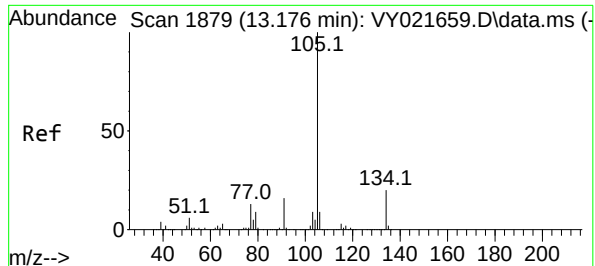
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 52.248 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion:105 Resp: 526387
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.820 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 68757

Ion Ratio Lower Upper

105 100

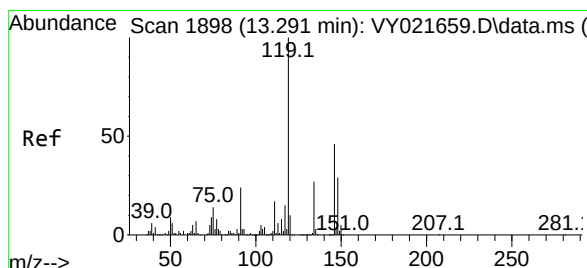
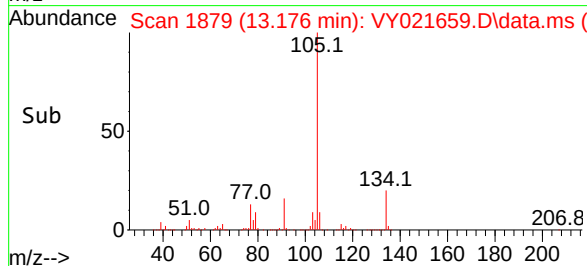
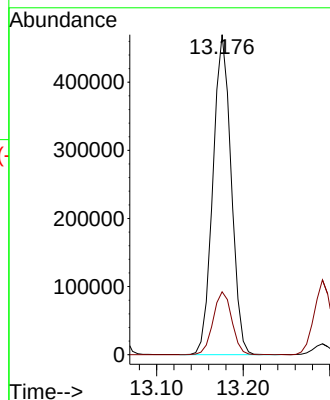
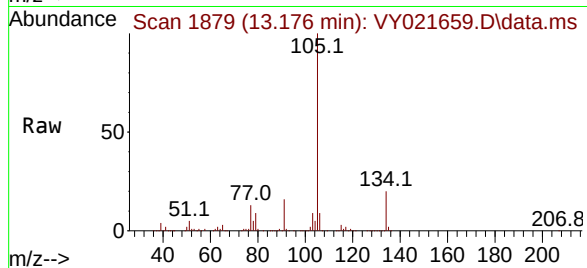
134 20.1 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#86

p-Isopropyltoluene

Concen: 52.525 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

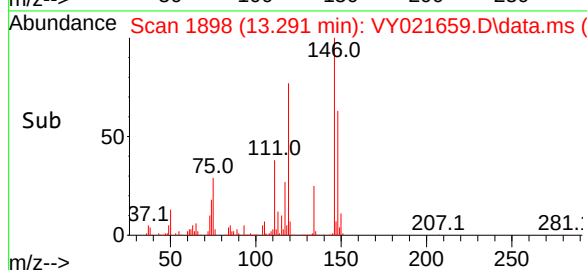
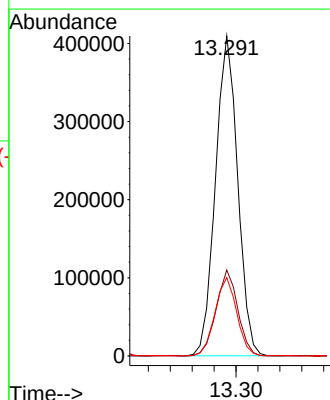
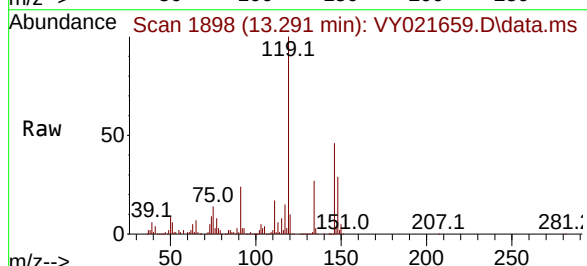
Tgt Ion:119 Resp: 576012

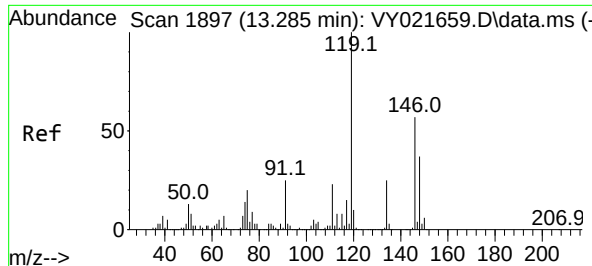
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 24.0 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 49.752 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

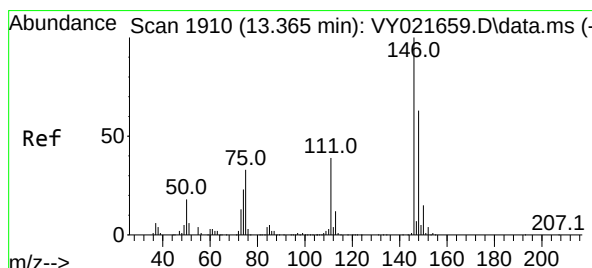
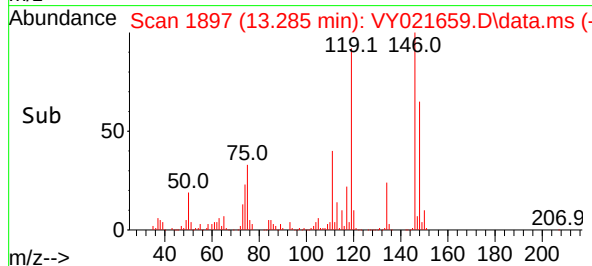
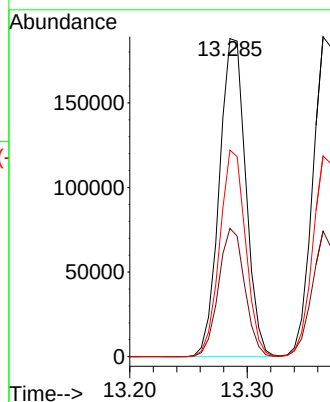
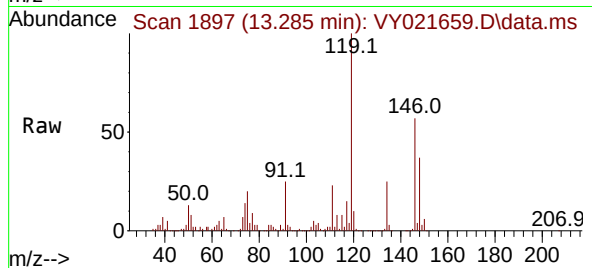
VSTDICCC050

Tgt Ion:146	Resp:	293534
Ion Ratio	Lower	Upper
146	100	
111	40.0	20.0 60.0
148	63.6	31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#88

1,4-Dichlorobenzene

Concen: 50.147 ug/l

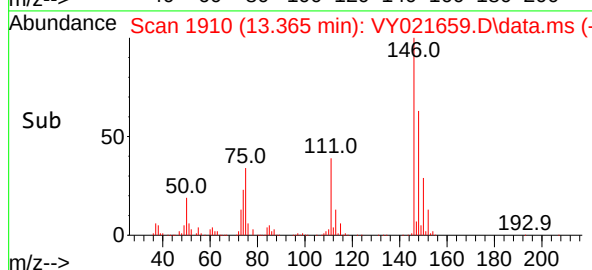
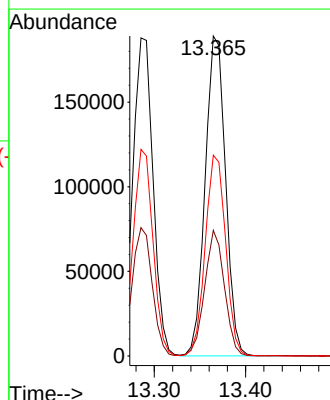
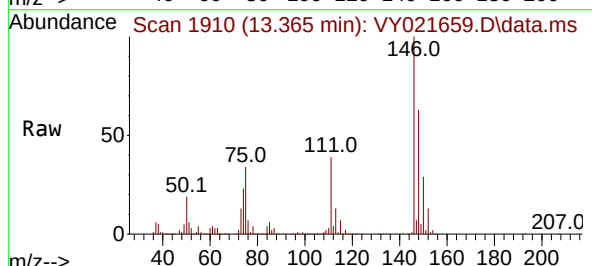
RT: 13.365 min Scan# 1910

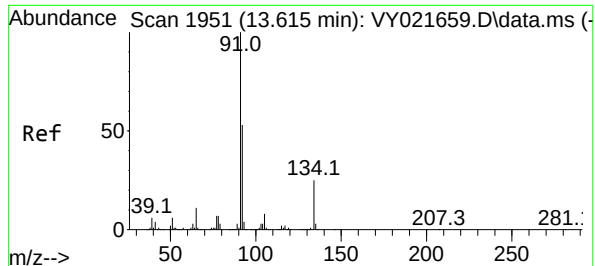
Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Tgt Ion:146	Resp:	292315
Ion Ratio	Lower	Upper
146	100	
111	38.1	19.1 57.1
148	63.0	31.5 94.5





#89

n-Butylbenzene

Concen: 52.544 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

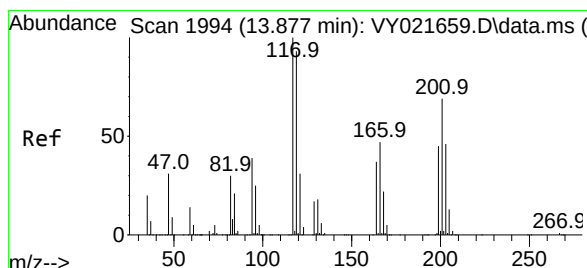
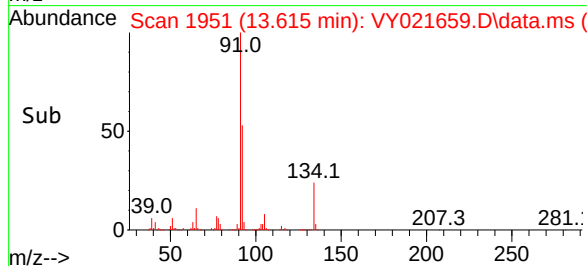
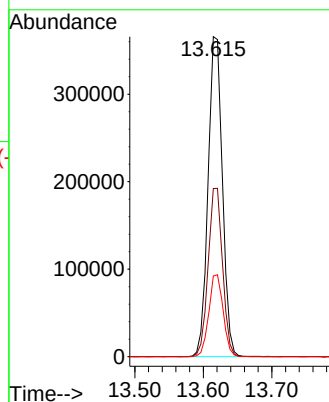
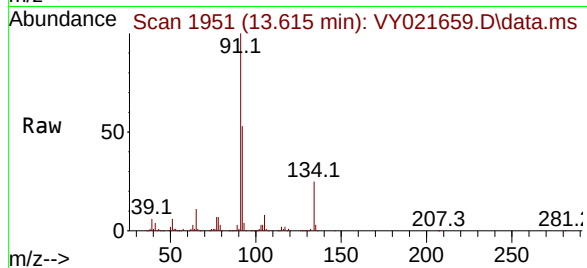
VSTDICCC050

Tgt Ion: 91	Resp: 53289
Ion Ratio	Lower Upper
91 100	
92 52.8	26.4 79.2
134 25.6	12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#90

Hexachloroethane

Concen: 49.396 ug/l

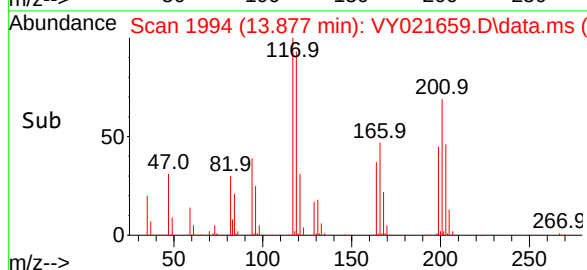
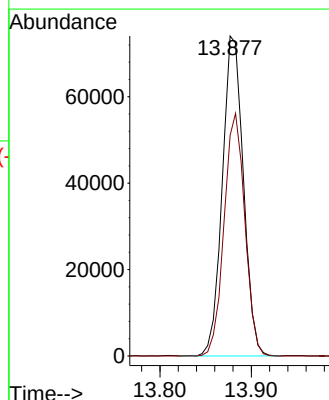
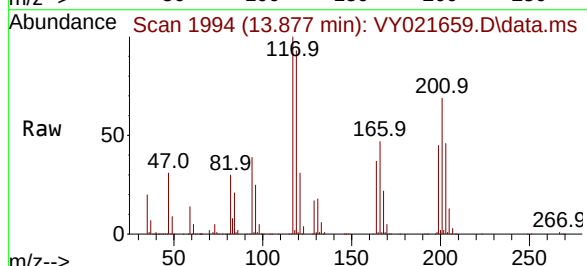
RT: 13.877 min Scan# 1994

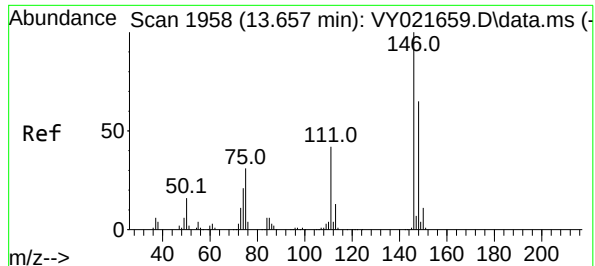
Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Tgt Ion:117	Resp: 118708
Ion Ratio	Lower Upper
117 100	
201 74.7	37.4 112.1





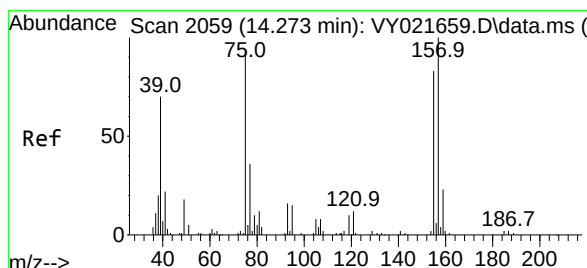
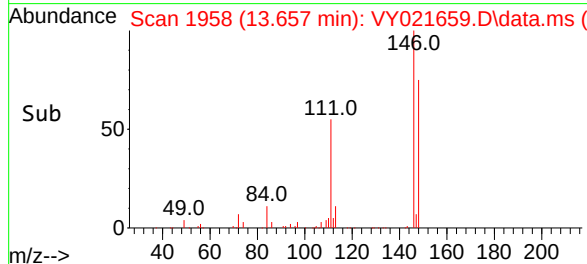
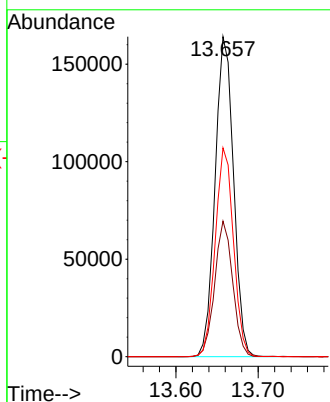
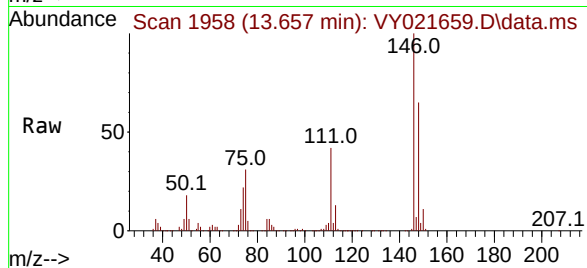
#91
1,2-Dichlorobenzene
Concen: 49.821 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 25587
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 64.6 32.3 96.9

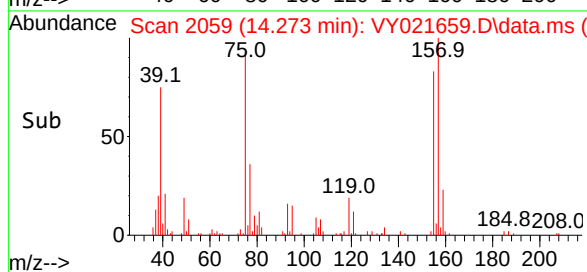
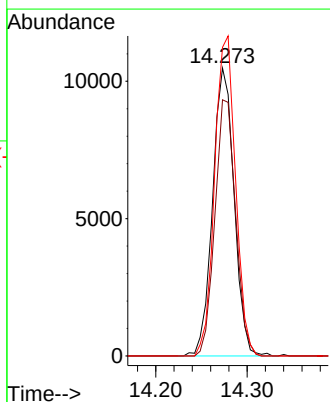
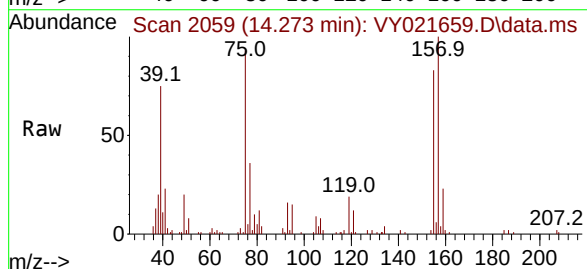
Manual Integrations
APPROVED

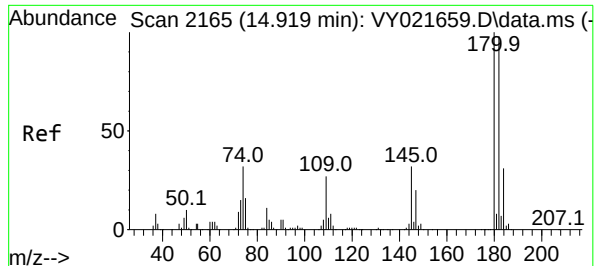
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.268 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 75 Resp: 17123
Ion Ratio Lower Upper
75 100
155 85.9 43.0 128.8
157 108.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 52.935 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

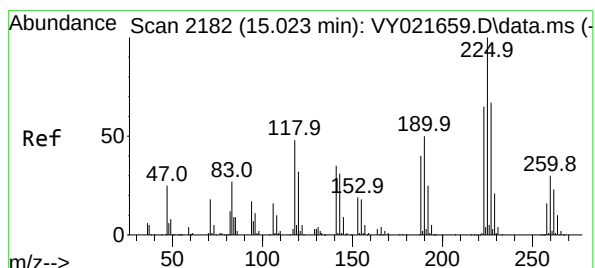
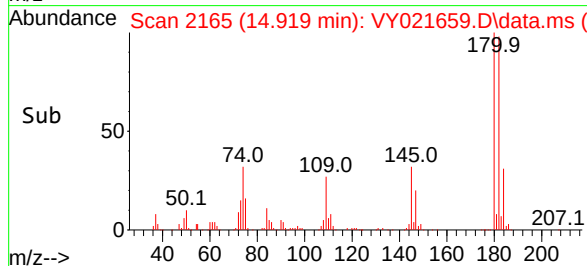
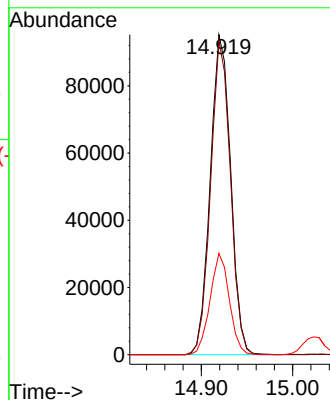
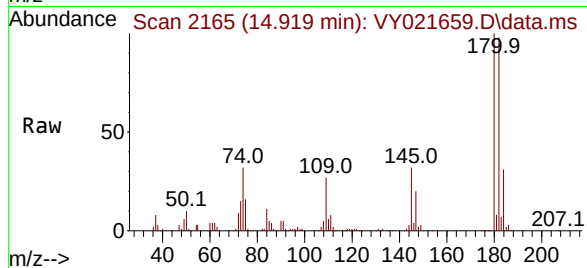
VSTDICCC050

Tgt Ion:	180	Resp:	147434
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.5	142.6
145	29.9	14.9	44.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#94

Hexachlorobutadiene

Concen: 50.642 ug/l

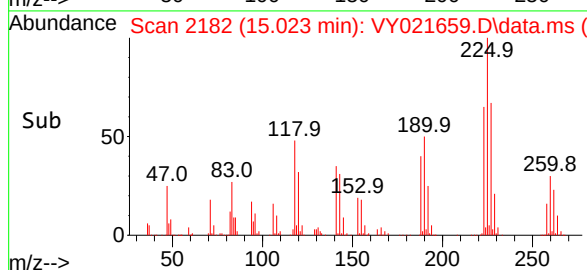
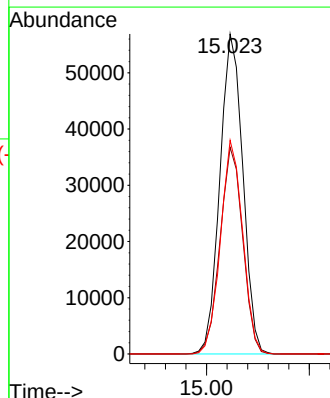
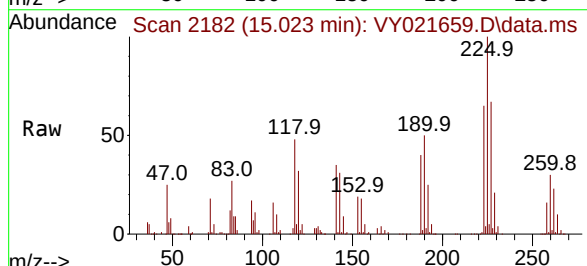
RT: 15.023 min Scan# 2182

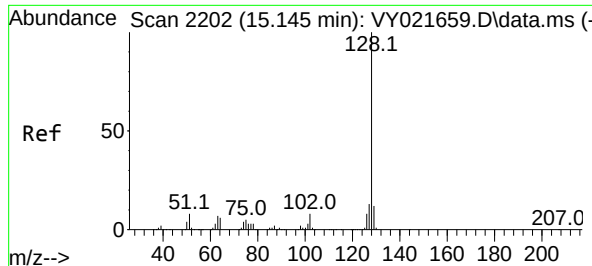
Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Tgt Ion:	225	Resp:	88090
Ion Ratio	Lower	Upper	
225	100		
223	63.8	31.9	95.7
227	64.7	32.4	97.0





#95

Naphthalene

Concen: 54.848 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

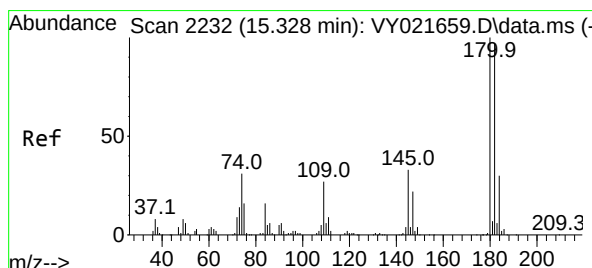
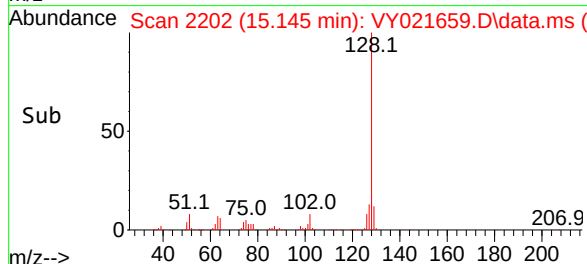
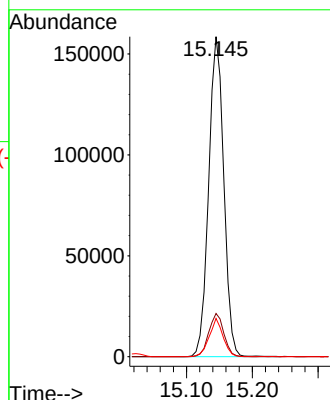
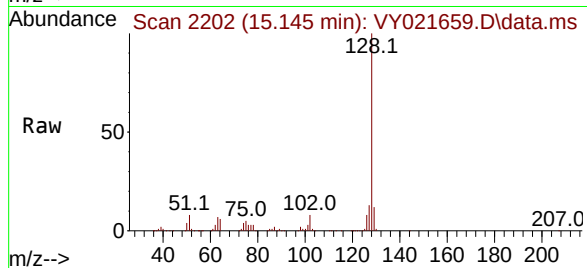
VSTDICCC050

Tgt Ion:	128	Resp:	253209
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.8	16.2
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 52.754 ug/l

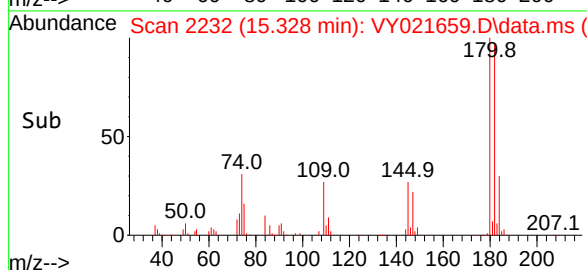
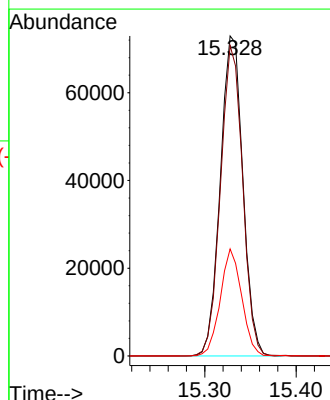
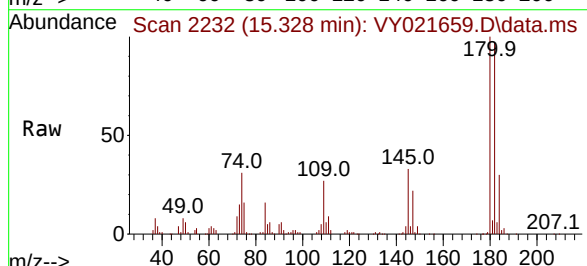
RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Tgt Ion:	180	Resp:	125294
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.5	142.5
145	31.8	15.9	47.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021660.D
 Acq On : 27 Mar 2025 11:39
 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 :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:17:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	248041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	380682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	339201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	168901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	252968	94.129	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 188.260%#			
35) Dibromofluoromethane	7.634	113	247380	100.177	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 200.360%#			
50) Toluene-d8	10.103	98	953346	101.480	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 202.960%#			
62) 4-Bromofluorobenzene	12.408	95	322469	101.481	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 202.960%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	240555	93.569	ug/l	100
3) Chloromethane	2.068	50	333313	92.202	ug/l	100
4) Vinyl Chloride	2.202	62	375853	91.934	ug/l	100
5) Bromomethane	2.586	94	245057	87.885	ug/l	97
6) Chloroethane	2.733	64	242934	90.810	ug/l	97
7) Trichlorofluoromethane	3.056	101	479554	91.568	ug/l	97
8) Diethyl Ether	3.452	74	127148	89.276	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	252877	91.550	ug/l	100
10) Methyl Iodide	4.001	142	313241	103.371	ug/l	99
11) Tert butyl alcohol	4.854	59	72464	415.131	ug/l	97
12) 1,1-Dichloroethene	3.787	96	245873	94.504	ug/l	98
13) Acrolein	3.647	56	145527	456.581	ug/l	99
14) Allyl chloride	4.379	41	403587	97.292	ug/l	99
15) Acrylonitrile	5.061	53	269979	454.005	ug/l	99
16) Acetone	3.867	43	215263	391.376	ug/l	98
17) Carbon Disulfide	4.104	76	805100	93.952	ug/l	98
18) Methyl Acetate	4.379	43	120373	88.304	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	622864	96.160	ug/l	100
20) Methylene Chloride	4.616	84	257053	99.325	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	273524	95.485	ug/l	98
22) Diisopropyl ether	6.019	45	855783	98.345	ug/l	97
23) Vinyl Acetate	5.958	43	2490861	489.304	ug/l	99
24) 1,1-Dichloroethane	5.915	63	492205	94.595	ug/l	99
25) 2-Butanone	6.890	43	348017	442.999	ug/l	99
26) 2,2-Dichloropropane	6.884	77	439519	94.960	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	312849	97.115	ug/l	100
28) Bromochloromethane	7.244	49	208162	94.860	ug/l	99
29) Tetrahydrofuran	7.262	42	231439	457.752	ug/l	98
30) Chloroform	7.421	83	509194	94.087	ug/l	98
31) Cyclohexane	7.701	56	439720	92.706	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	460680	94.182	ug/l	99
36) 1,1-Dichloropropene	7.835	75	368741	98.035	ug/l	99
37) Ethyl Acetate	6.982	43	160700	90.529	ug/l	100
38) Carbon Tetrachloride	7.817	117	416779	96.746	ug/l	99
39) Methylcyclohexane	9.110	83	465789	103.663	ug/l	98
40) Benzene	8.079	78	1100425	97.692	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021660.D
 Acq On : 27 Mar 2025 11:39
 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 :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:17:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	86888	92.176	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	298349	93.952	ug/l	100
43) Isopropyl Acetate	8.195	43	320092	95.153	ug/l	99
44) Trichloroethene	8.866	130	278937	97.190	ug/l	99
45) 1,2-Dichloropropane	9.140	63	259066	97.163	ug/l	99
46) Dibromomethane	9.231	93	145186	94.482	ug/l	97
47) Bromodichloromethane	9.420	83	386864	97.159	ug/l	99
48) Methyl methacrylate	9.219	41	157046	101.718	ug/l	98
49) 1,4-Dioxane	9.225	88	31647	1922.485	ug/l	92
51) 4-Methyl-2-Pentanone	10.000	43	846126	483.331	ug/l	100
52) Toluene	10.170	92	706197	100.486	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	361283	102.153	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	418099	100.208	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	187977	95.058	ug/l	97
56) Ethyl methacrylate	10.439	69	271036	107.339	ug/l	98
57) 1,3-Dichloropropane	10.719	76	329063	96.352	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	657953	534.142	ug/l	100
59) 2-Hexanone	10.762	43	565086	484.686	ug/l	99
60) Dibromochloromethane	10.908	129	265151	98.207	ug/l	100
61) 1,2-Dibromoethane	11.012	107	177158	95.501	ug/l	98
64) Tetrachloroethene	10.646	164	279279	90.401	ug/l	98
65) Chlorobenzene	11.438	112	757197	97.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	271119	98.275	ug/l	100
67) Ethyl Benzene	11.518	91	1372249	102.918	ug/l	100
68) m/p-Xylenes	11.627	106	1050156	205.681	ug/l	99
69) o-Xylene	11.957	106	491895	104.369	ug/l	98
70) Styrene	11.969	104	833734	106.098	ug/l	99
71) Bromoform	12.133	173	152683	97.024	ug/l	100
73) Isopropylbenzene	12.255	105	1298221	103.486	ug/l	100
74) N-amyl acetate	12.072	43	303328	103.027	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	209094	92.706	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	152979m	91.372	ug/l	
77) Bromobenzene	12.530	156	299163	99.323	ug/l	98
78) n-propylbenzene	12.597	91	1557825	103.290	ug/l	100
79) 2-Chlorotoluene	12.676	91	879334	100.382	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1060963	103.480	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	71448	98.330	ug/l	99
82) 4-Chlorotoluene	12.780	91	910295	99.676	ug/l	99
83) tert-Butylbenzene	12.999	119	956705	104.762	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1052663	103.880	ug/l	100
85) sec-Butylbenzene	13.176	105	1369601	102.624	ug/l	100
86) p-Isopropyltoluene	13.292	119	1163796	105.509	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	583838	98.384	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	565293	96.416	ug/l	99
89) n-Butylbenzene	13.615	91	1069356	104.828	ug/l	100
90) Hexachloroethane	13.877	117	239487	99.078	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	502045	97.186	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32558	93.136	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	293988	104.943	ug/l	99
94) Hexachlorobutadiene	15.023	225	172909	98.829	ug/l	99
95) Naphthalene	15.145	128	508449	109.498	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	248821	104.158	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021660.D
Acq On : 27 Mar 2025 11:39
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 :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:08:57 2025
Response via : Initial Calibration

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

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

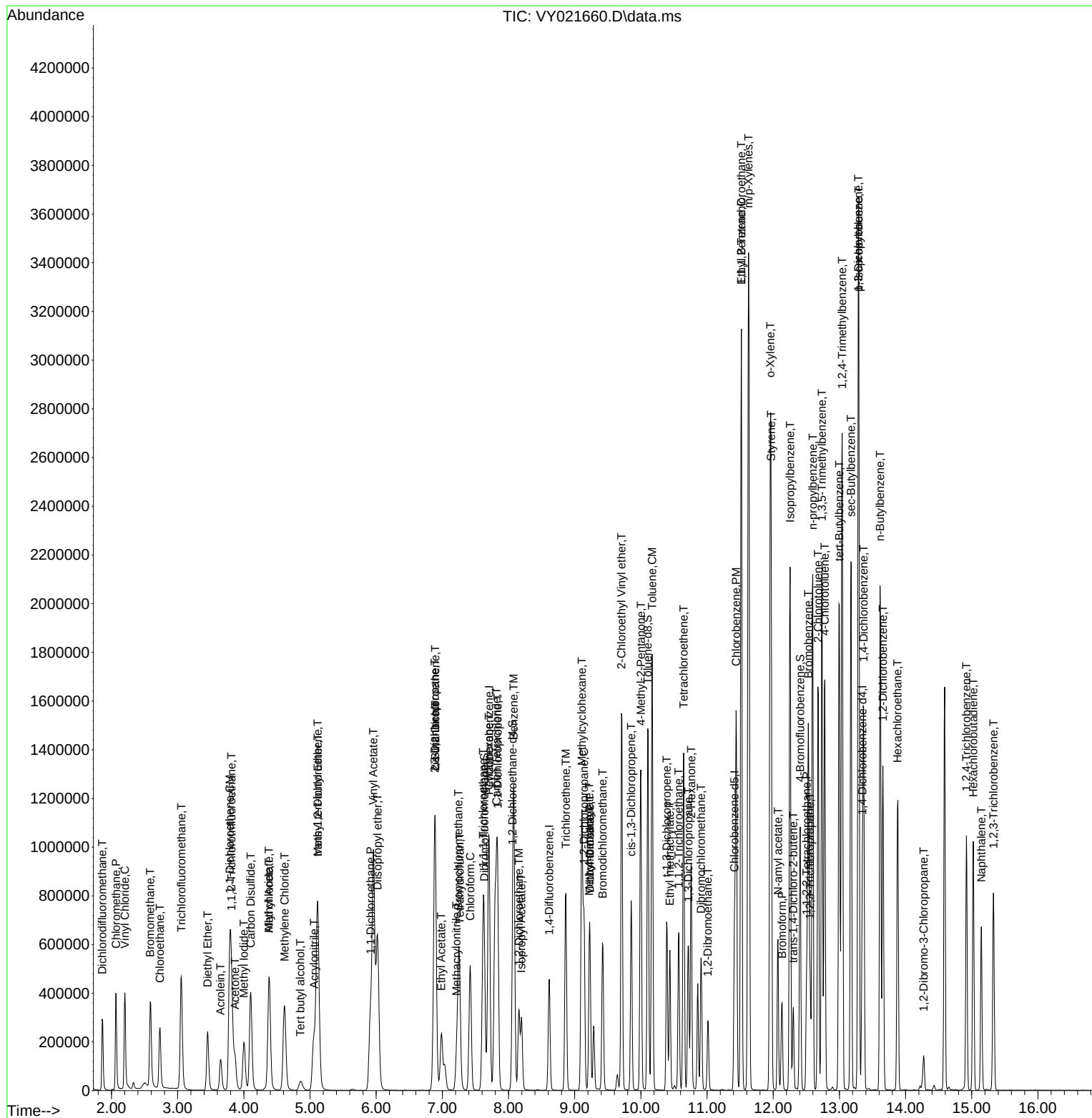
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Data File : VY021660.D
Acq On : 27 Mar 2025 11:39
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

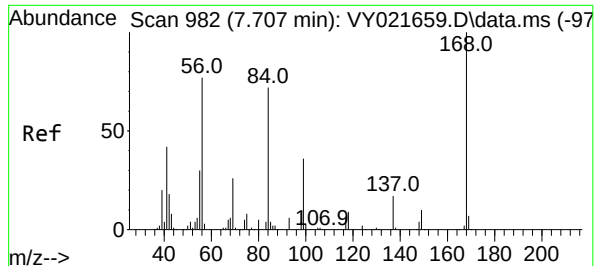
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Romaben Patel 03/28/2025
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Quant Time: Mar 28 02:17:34 2025
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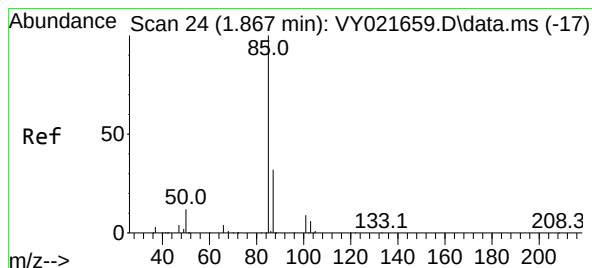
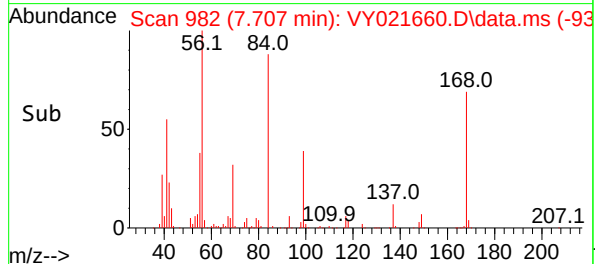
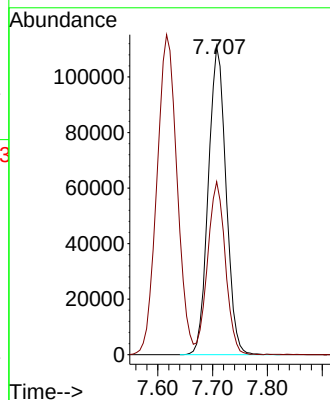
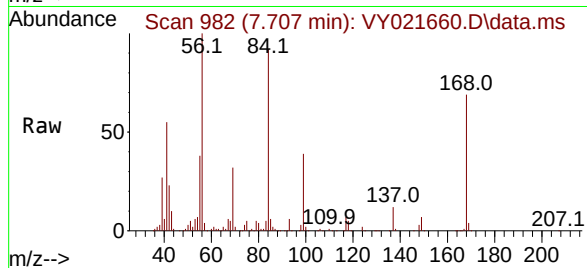
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 24804
Ion Ratio Lower Upper
168 100
99 56.0 46.7 70.1

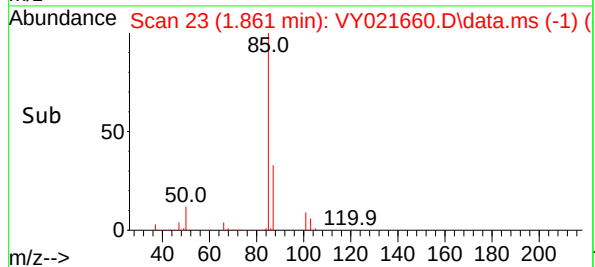
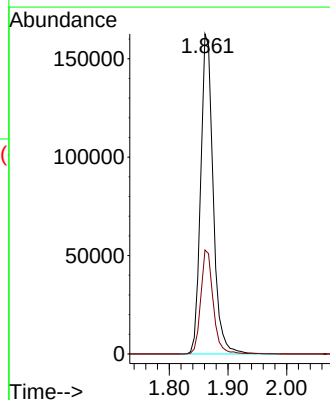
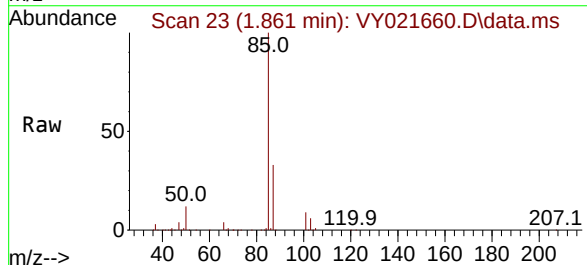
Manual Integrations
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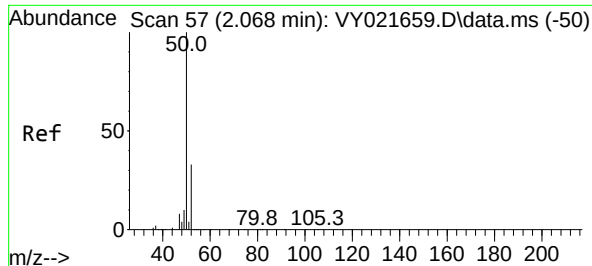
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#2
Dichlorodifluoromethane
Concen: 93.569 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 85 Resp: 240555
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6





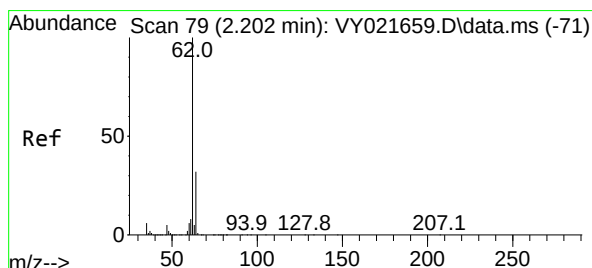
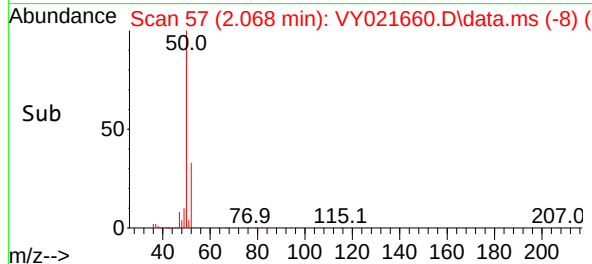
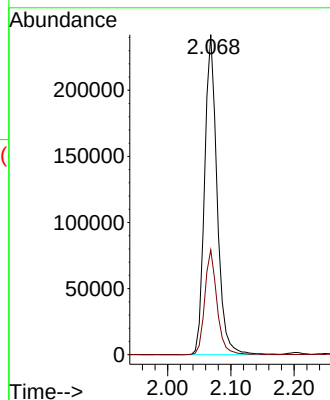
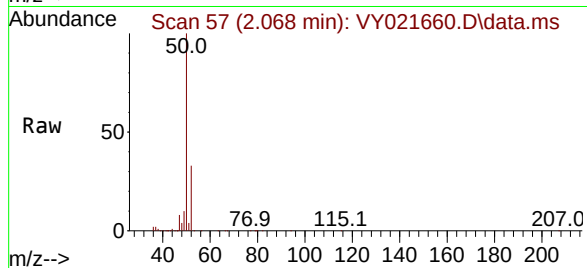
#3
Chloromethane
Concen: 92.202 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 33331
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5

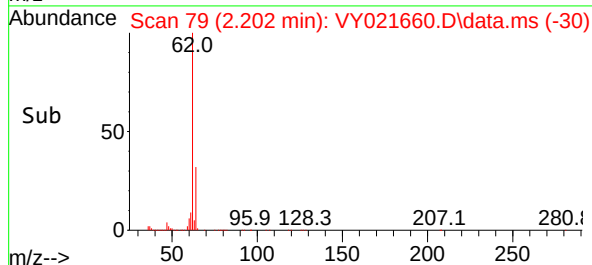
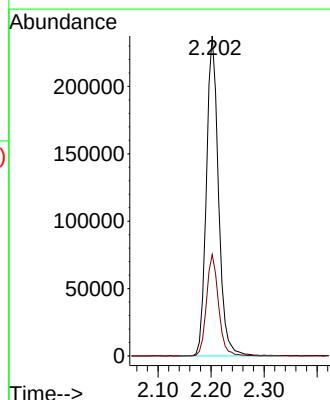
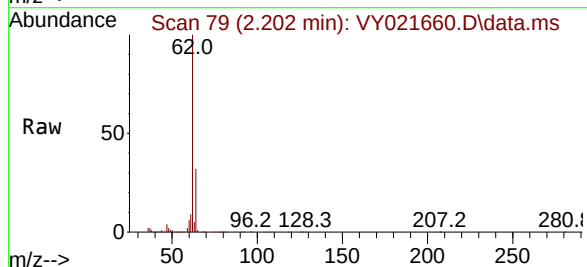
Manual Integrations
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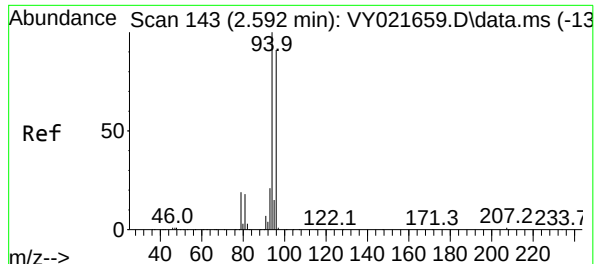
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#4
Vinyl Chloride
Concen: 91.934 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

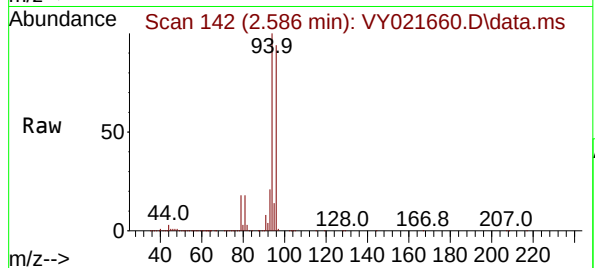
Tgt Ion: 62 Resp: 375853
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3





#5
Bromomethane
Concen: 87.885 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

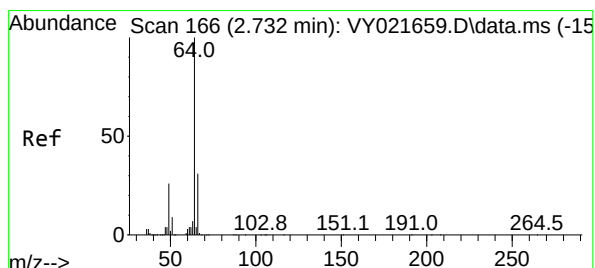
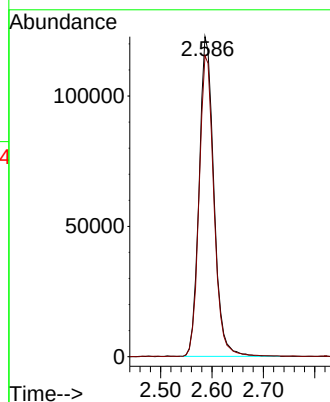
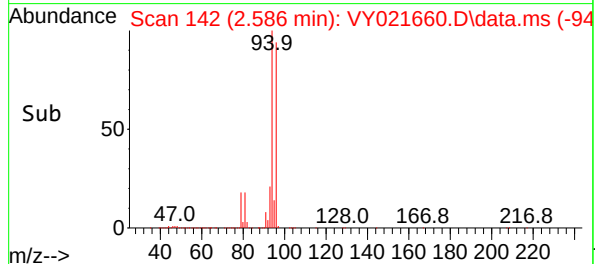
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 94 Resp: 24505
Ion Ratio Lower Upper
94 100
96 94.0 72.8 109.2

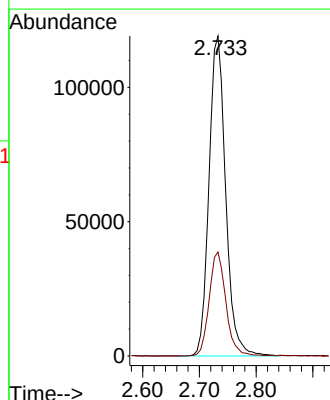
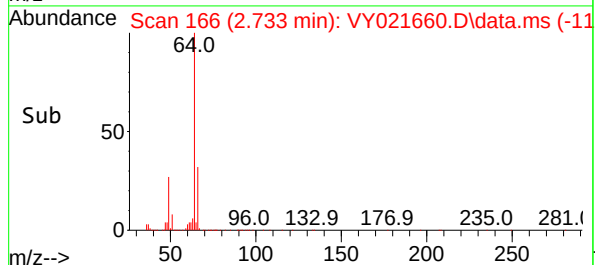
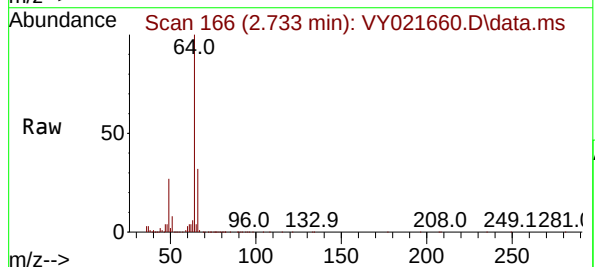
Manual Integrations
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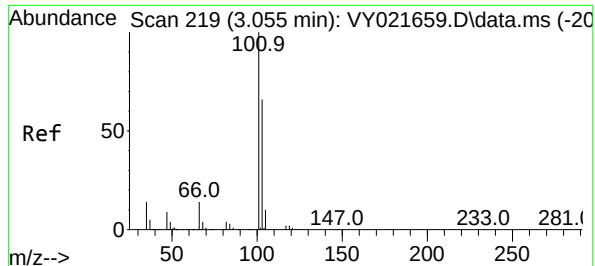
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#6
Chloroethane
Concen: 90.810 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

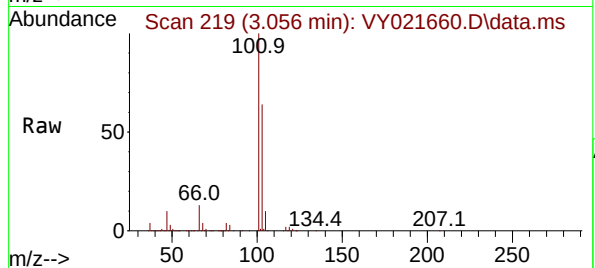
Tgt Ion: 64 Resp: 242934
Ion Ratio Lower Upper
64 100
66 32.5 24.9 37.3





#7
Trichlorofluoromethane
Concen: 91.568 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

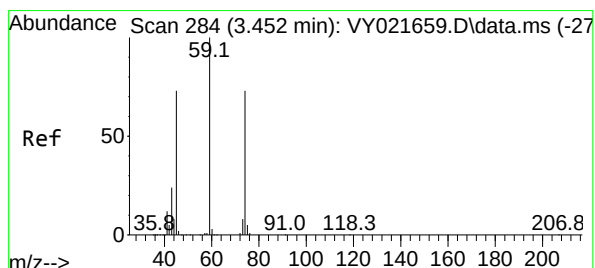
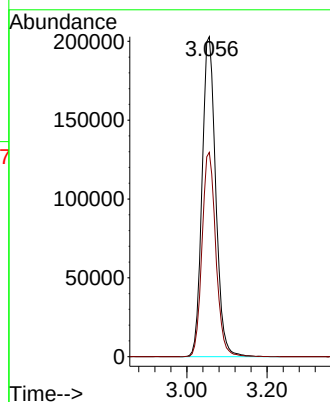
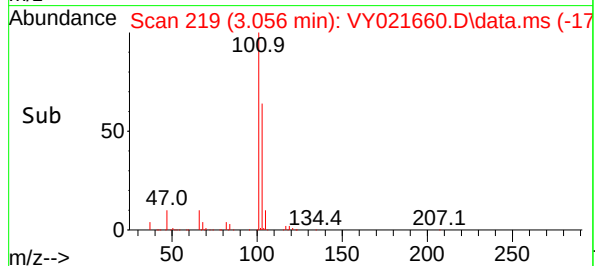
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 479554
Ion Ratio Lower Upper
101 100
103 63.9 53.1 79.7

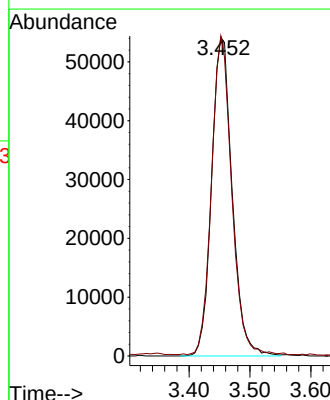
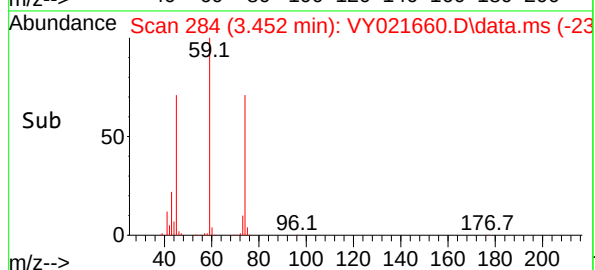
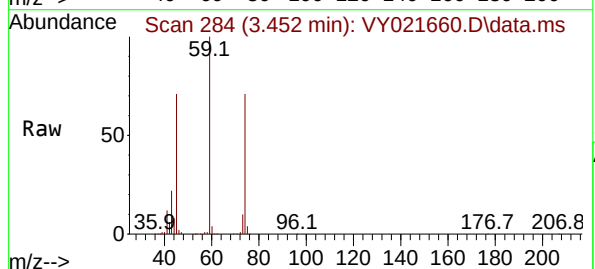
Manual Integrations
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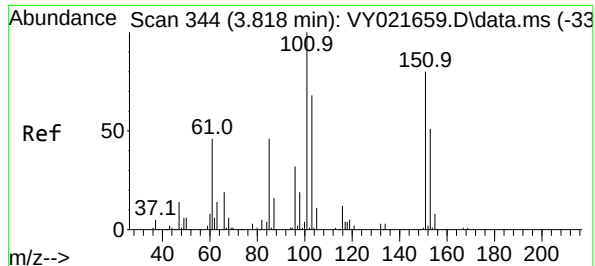
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#8
Diethyl Ether
Concen: 89.276 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 74 Resp: 127148
Ion Ratio Lower Upper
74 100
45 97.6 48.6 145.8





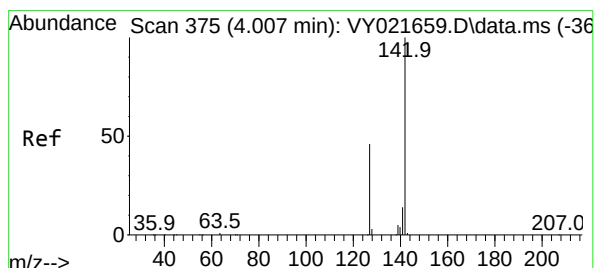
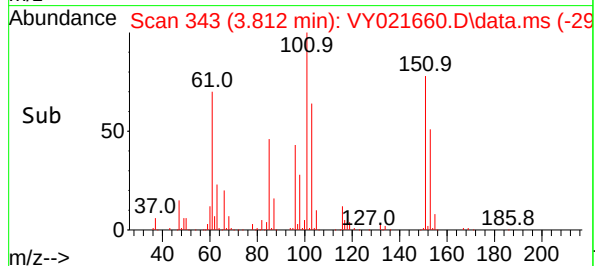
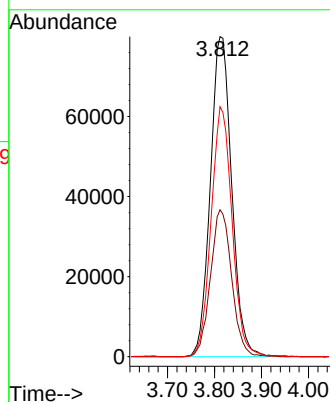
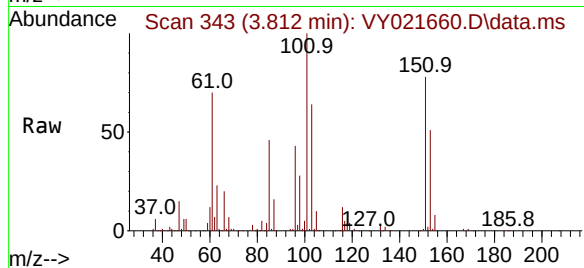
#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.550 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 25287
Ion Ratio Lower Upper
101 100
85 45.6 36.3 54.5
151 76.7 61.3 91.9

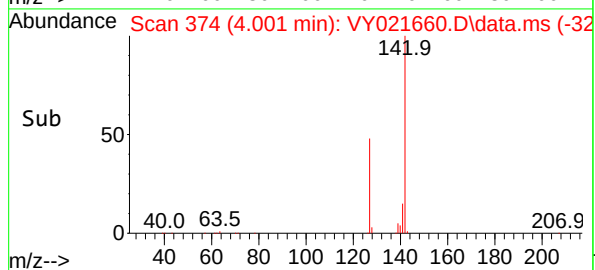
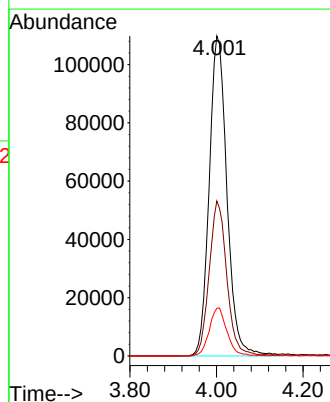
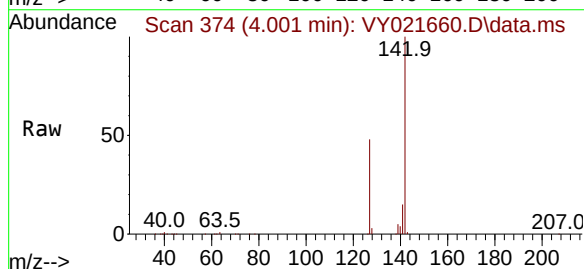
Manual Integrations
APPROVED

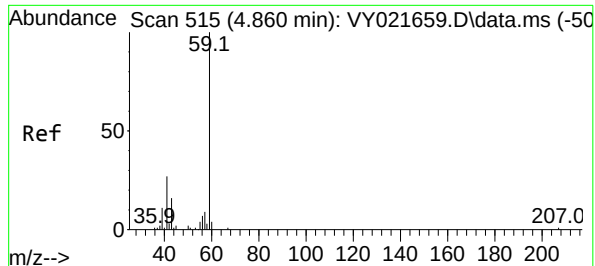
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 103.371 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion:142 Resp: 313241
Ion Ratio Lower Upper
142 100
127 48.2 38.7 58.1
141 15.0 11.5 17.3





#11

Tert butyl alcohol

Concen: 415.131 ug/l

RT: 4.854 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 59 Resp: 72464

Ion Ratio Lower Upper

59 100

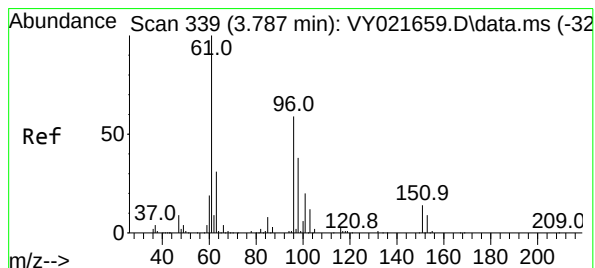
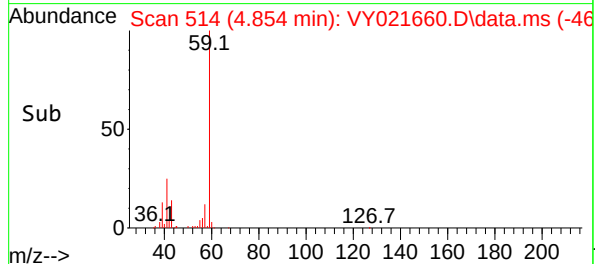
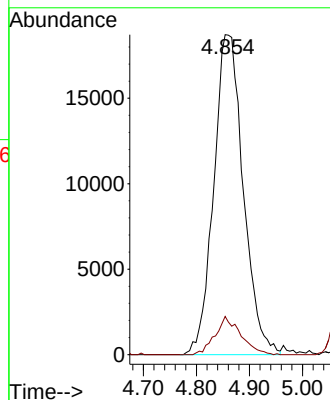
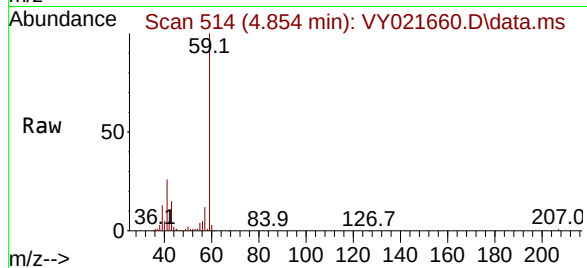
57 10.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#12

1,1-Dichloroethene

Concen: 94.504 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

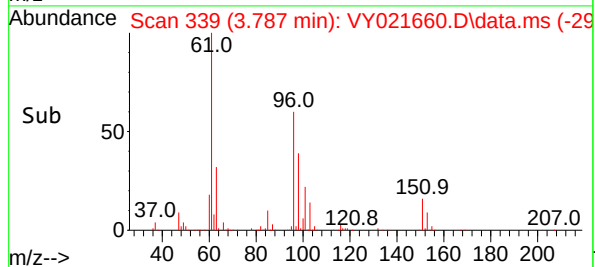
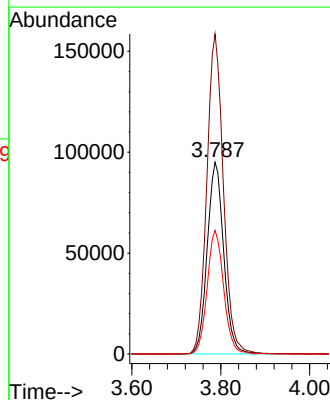
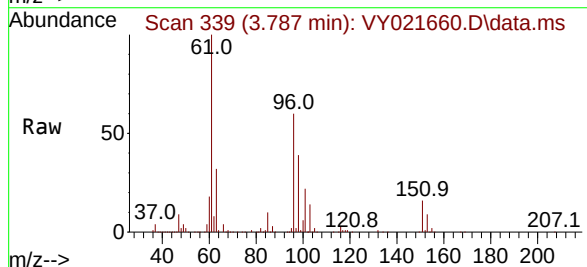
Tgt Ion: 96 Resp: 245873

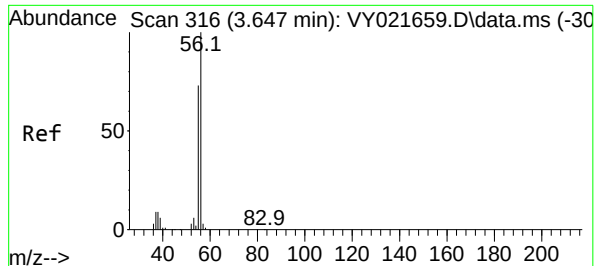
Ion Ratio Lower Upper

96 100

61 166.9 136.6 204.8

98 64.4 52.3 78.5





#13

Acrolein

Concen: 456.581 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 14552

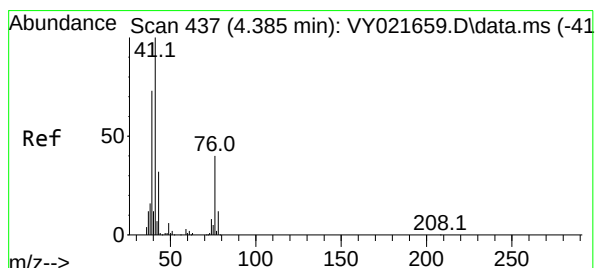
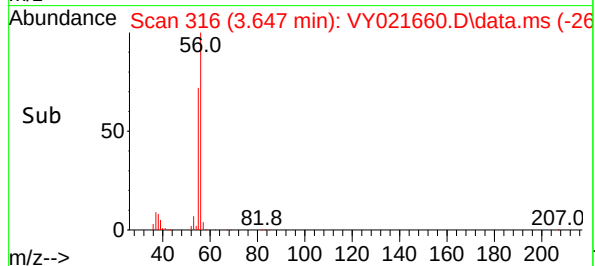
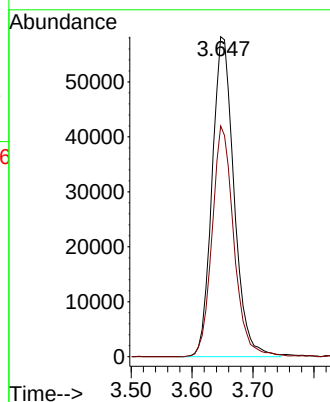
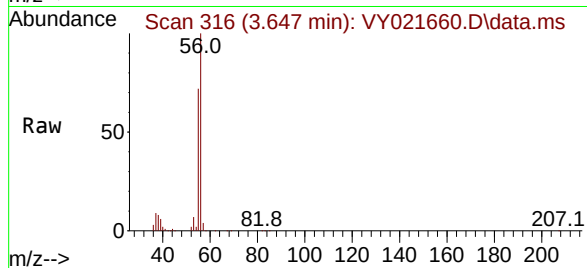
Ion Ratio Lower Upper

56 100

55 71.5 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#14

Allyl chloride

Concen: 97.292 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

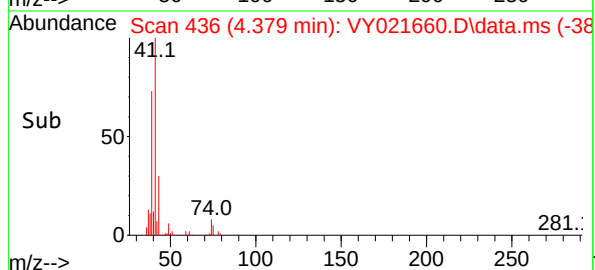
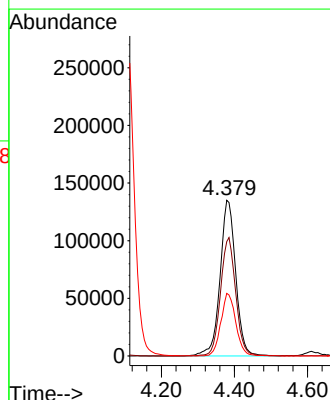
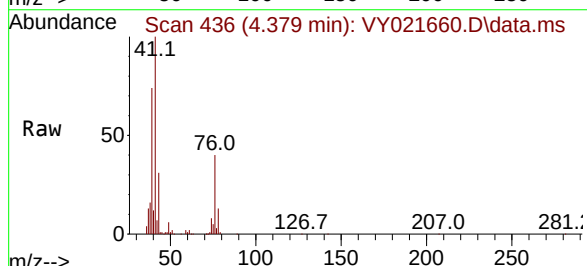
Tgt Ion: 41 Resp: 403587

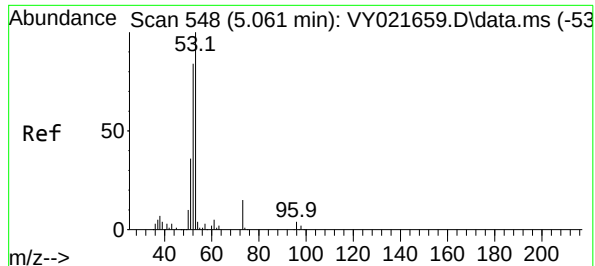
Ion Ratio Lower Upper

41 100

39 74.0 58.6 88.0

76 38.3 30.3 45.5





#15

Acrylonitrile

Concen: 454.005 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 53 Resp: 269979

Ion Ratio Lower Upper

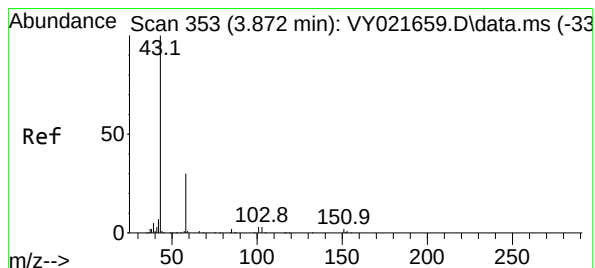
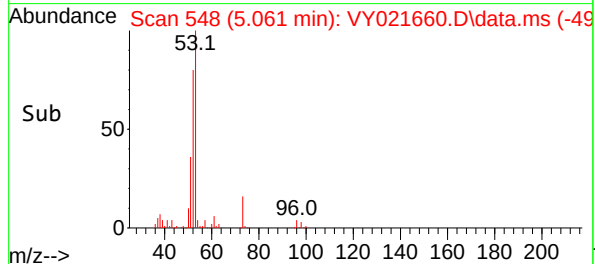
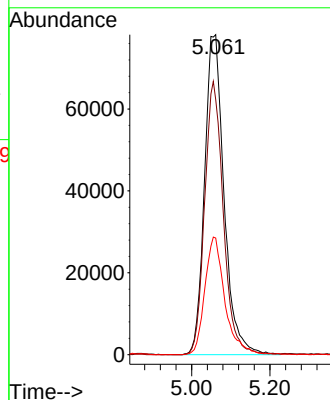
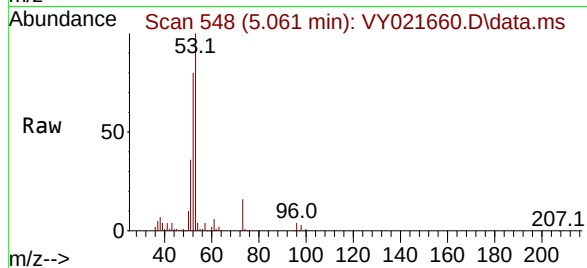
53 100

52 81.8 64.9 97.3

51 37.8 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#16

Acetone

Concen: 391.376 ug/l

RT: 3.867 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY021660.D

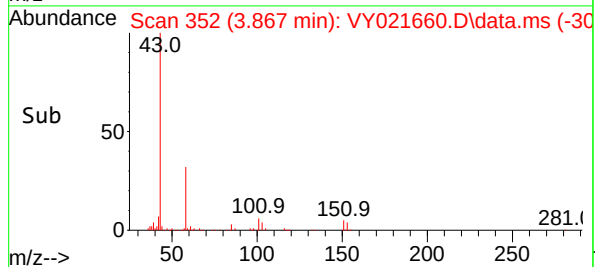
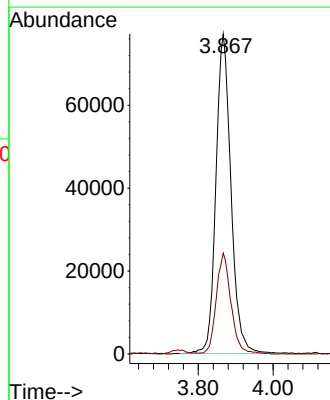
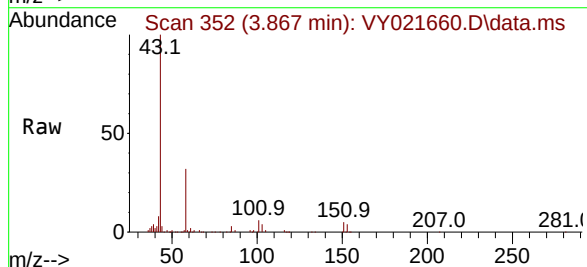
Acq: 27 Mar 2025 11:39

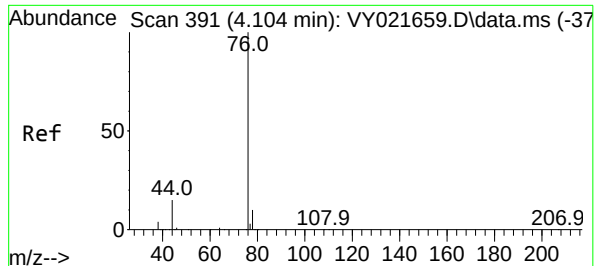
Tgt Ion: 43 Resp: 215263

Ion Ratio Lower Upper

43 100

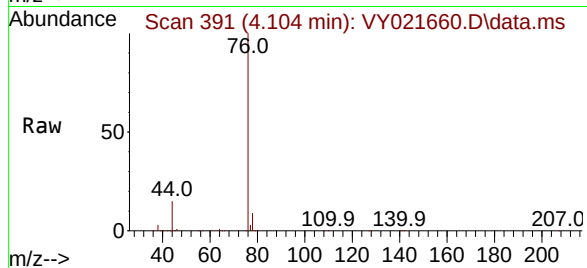
58 31.6 24.2 36.4





#17
Carbon Disulfide
Concen: 93.952 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

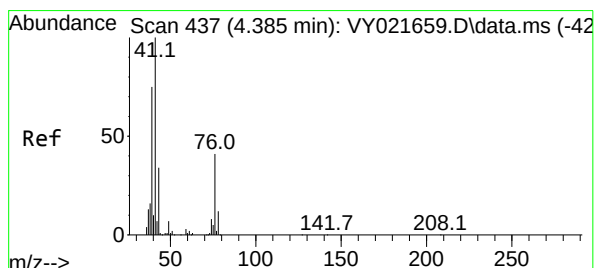
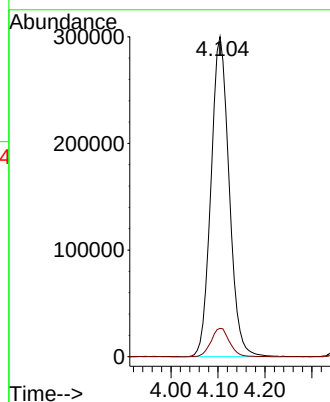
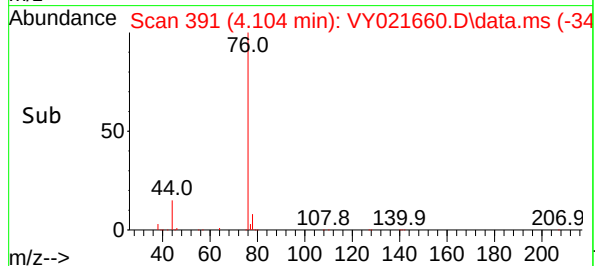
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 805100
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

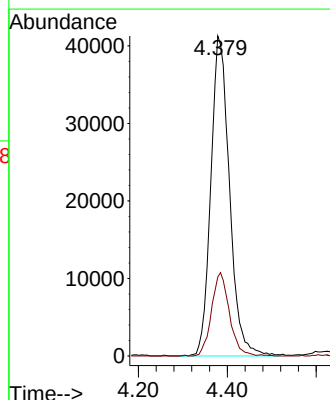
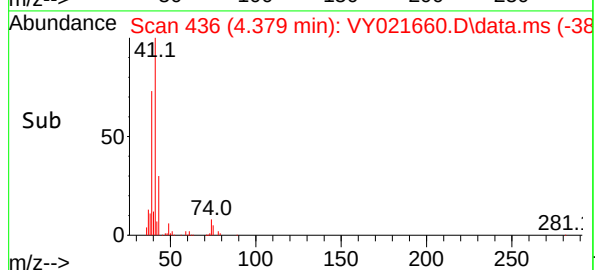
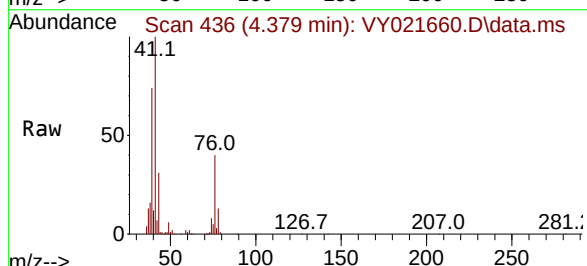
Manual Integrations
APPROVED

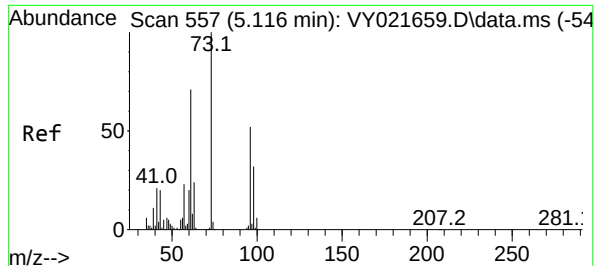
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#18
Methyl Acetate
Concen: 88.304 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 43 Resp: 120373
Ion Ratio Lower Upper
43 100
74 24.9 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 96.160 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 73 Resp: 622864

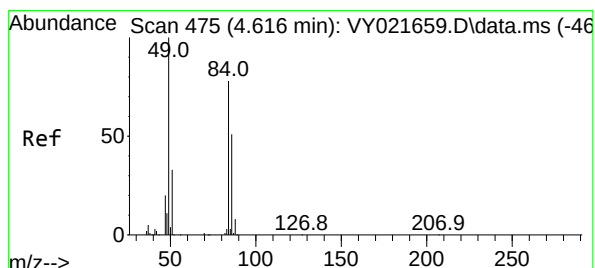
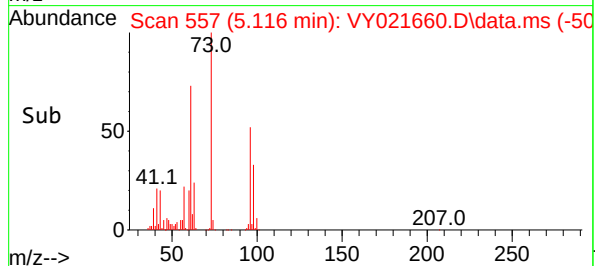
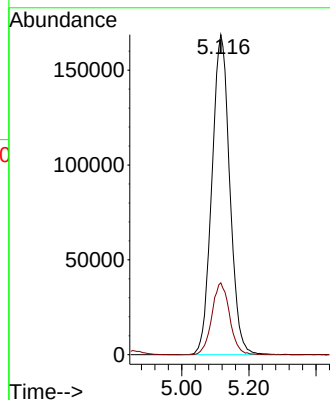
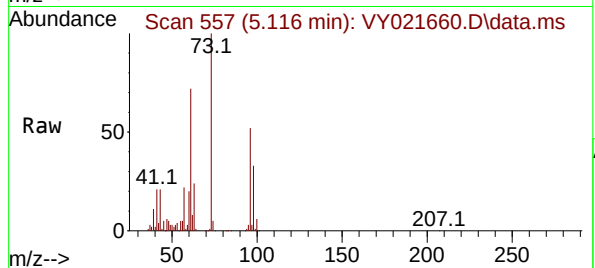
Ion Ratio Lower Upper

73 100

57 22.4 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#20

Methylene Chloride

Concen: 99.325 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Tgt Ion: 84 Resp: 257053

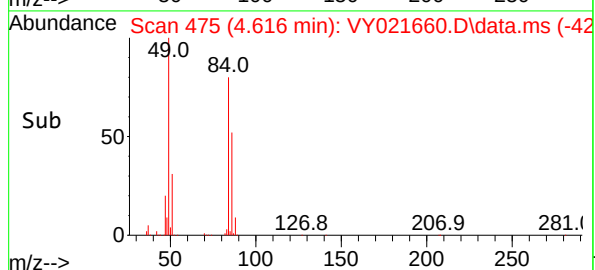
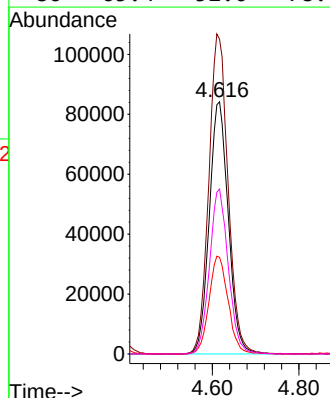
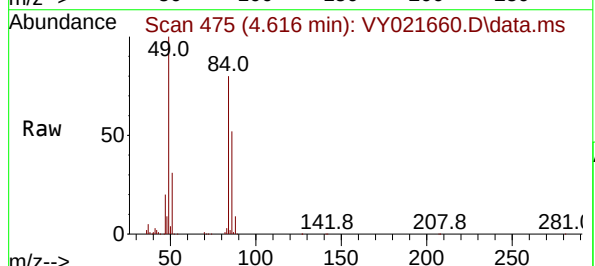
Ion Ratio Lower Upper

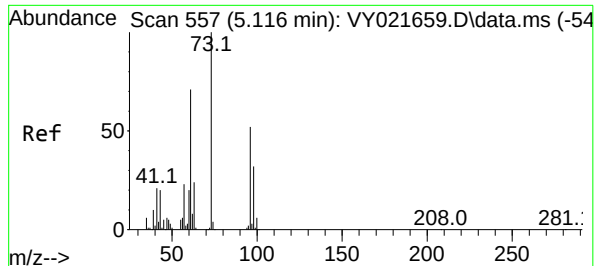
84 100

49 124.8 102.8 154.2

51 38.3 33.5 50.3

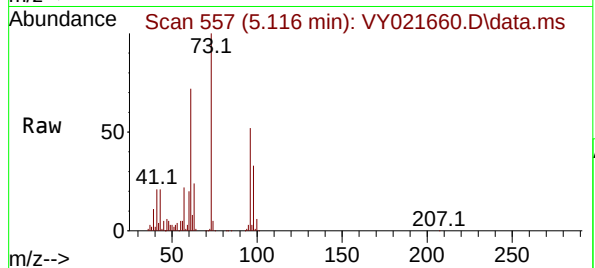
86 65.4 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 95.485 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

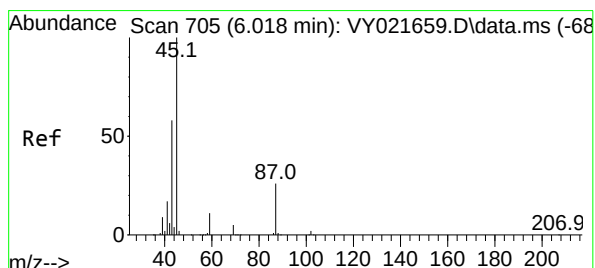
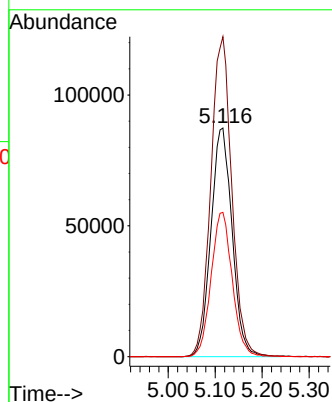
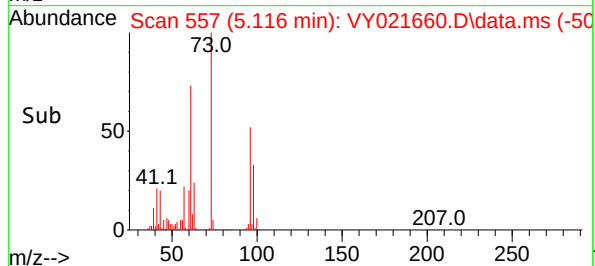
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 273524
Ion Ratio Lower Upper
96 100
61 140.0 109.4 164.0
98 63.1 50.2 75.2

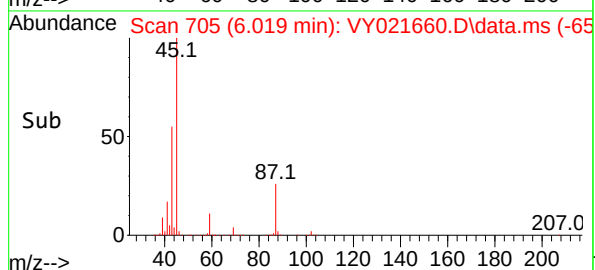
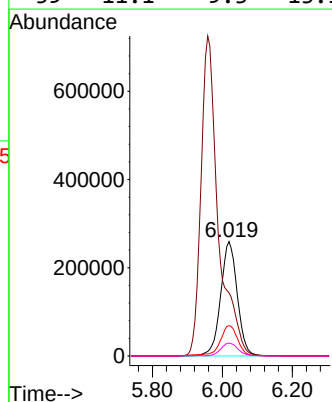
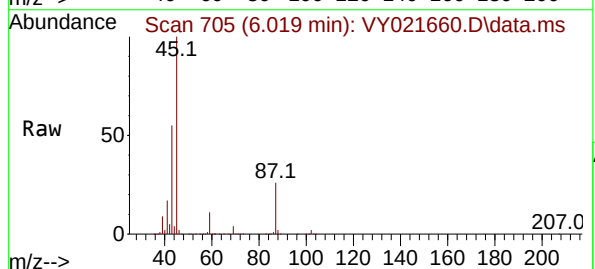
Manual Integrations
APPROVED

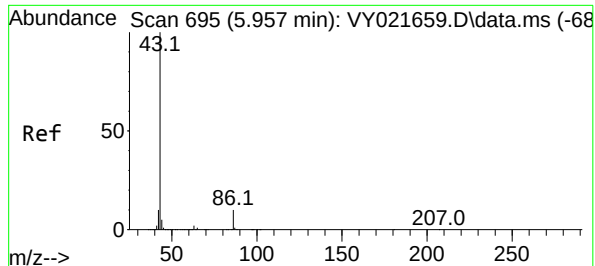
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#22
Diisopropyl ether
Concen: 98.345 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 45 Resp: 855783
Ion Ratio Lower Upper
45 100
43 55.2 46.6 69.8
87 26.5 20.7 31.1
59 11.1 9.3 13.9





#23

Vinyl Acetate

Concen: 489.304 ug/l

RT: 5.958 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 249086

Ion Ratio Lower Upper

43 100

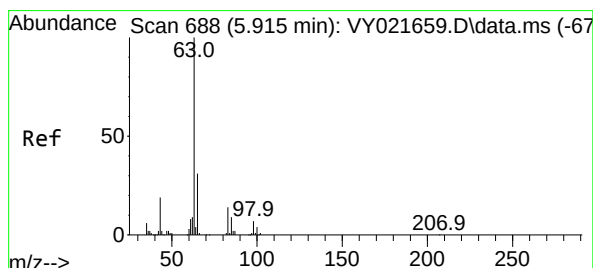
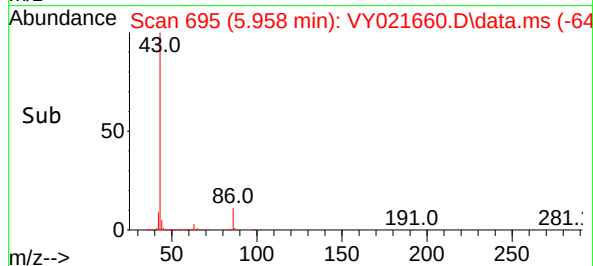
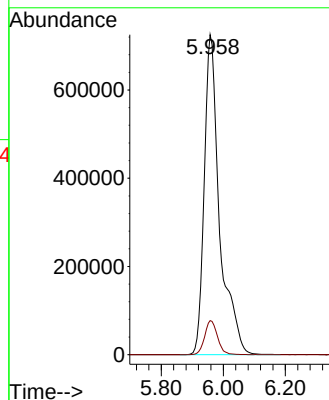
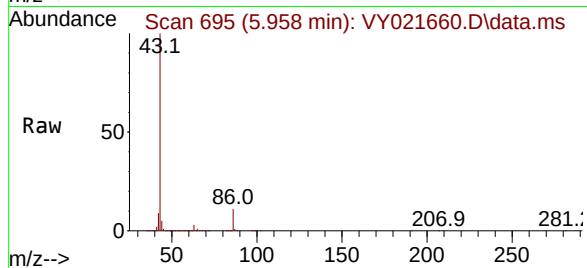
86 10.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#24

1,1-Dichloroethane

Concen: 94.595 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

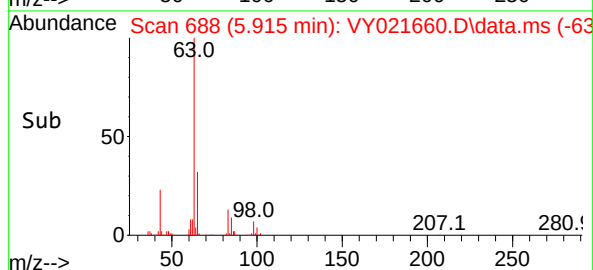
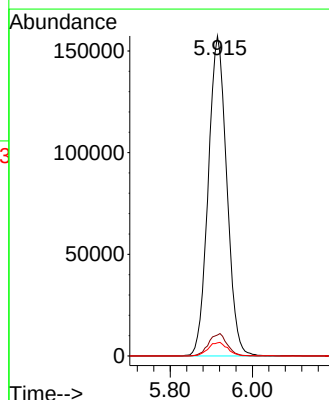
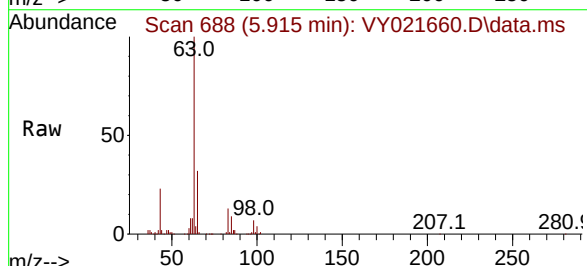
Tgt Ion: 63 Resp: 492205

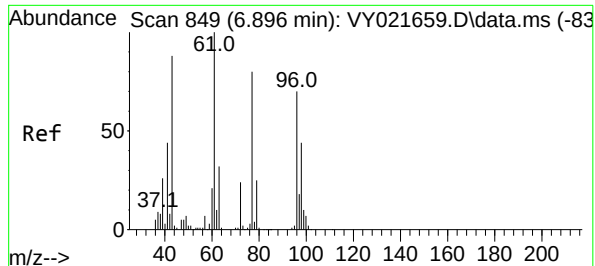
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.5

100 4.1 2.2 6.6





#25

2-Butanone

Concen: 442.999 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 34801

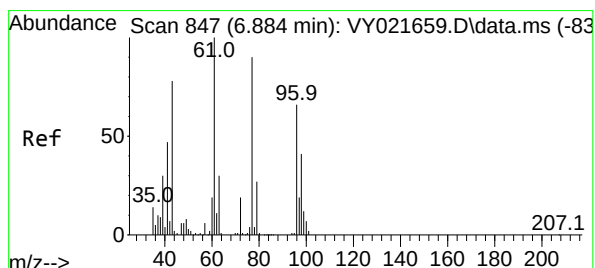
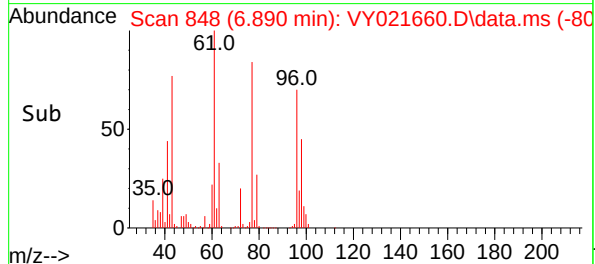
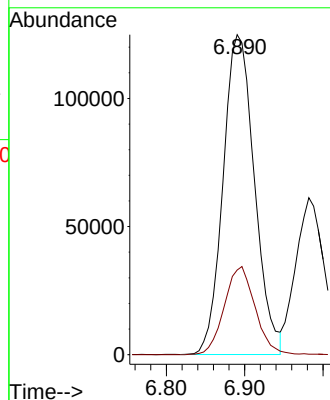
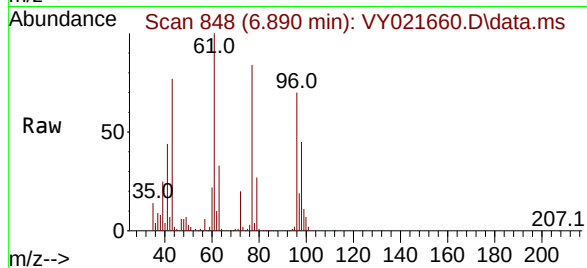
Ion Ratio Lower Upper

43 100

72 26.5 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#26

2,2-Dichloropropane

Concen: 94.960 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021660.D

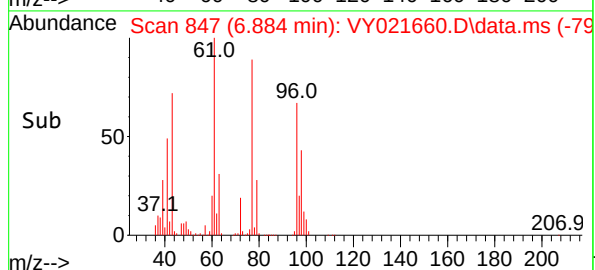
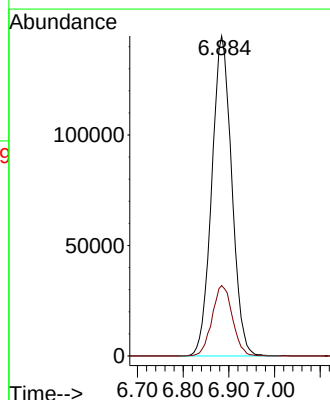
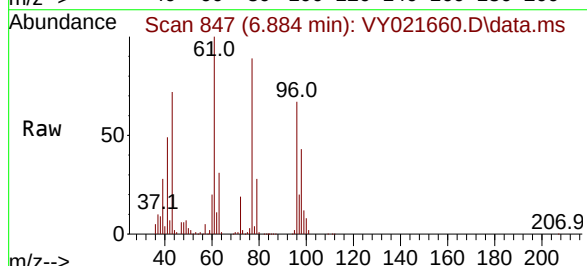
Acq: 27 Mar 2025 11:39

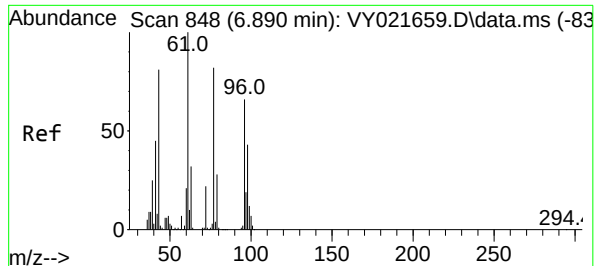
Tgt Ion: 77 Resp: 439519

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 97.115 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 312849

Ion Ratio Lower Upper

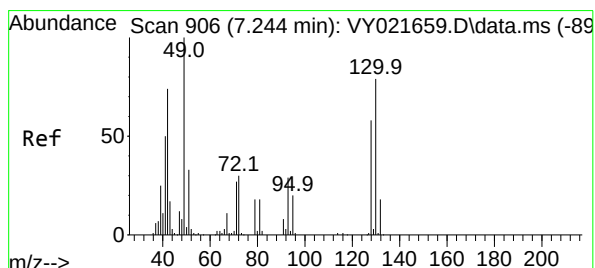
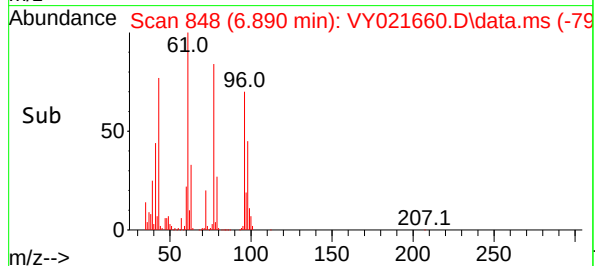
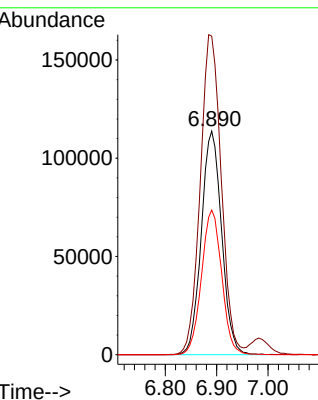
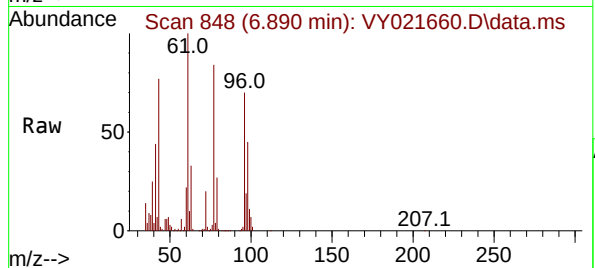
96 100

61 147.7 0.0 296.4

98 64.2 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#28

Bromochloromethane

Concen: 94.860 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

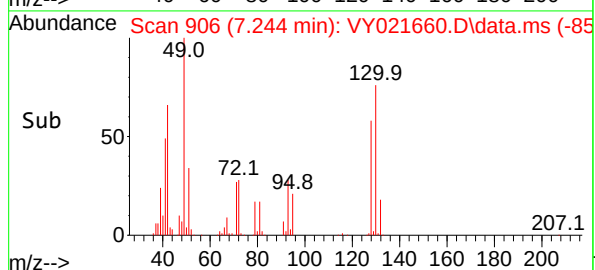
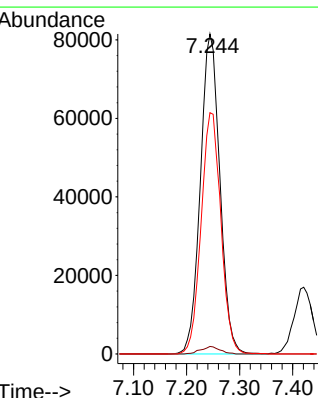
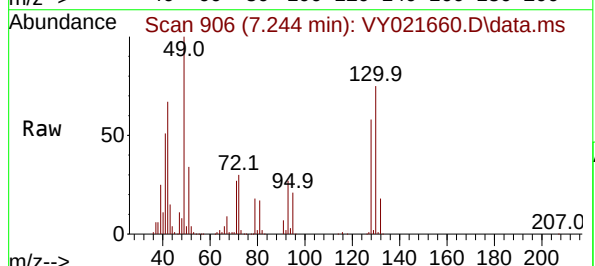
Tgt Ion: 49 Resp: 208162

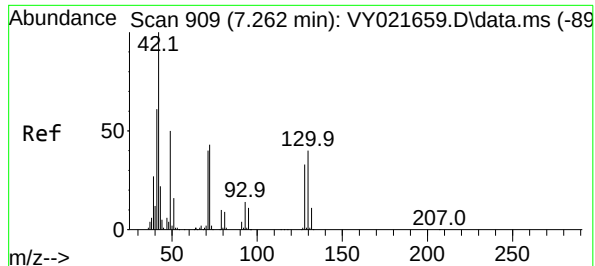
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 76.3 60.1 90.1





#29

Tetrahydrofuran

Concen: 457.752 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 231439

Ion Ratio Lower Upper

42 100

72 44.0 34.6 52.0

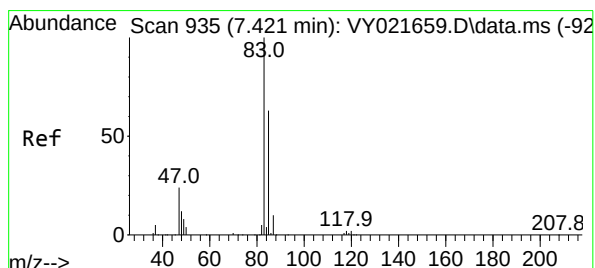
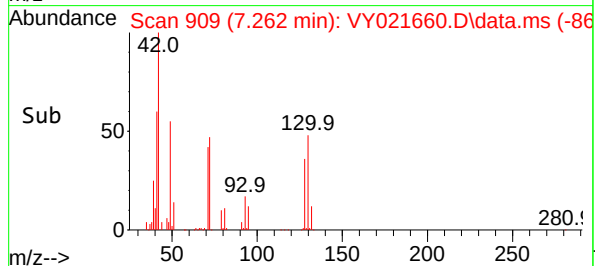
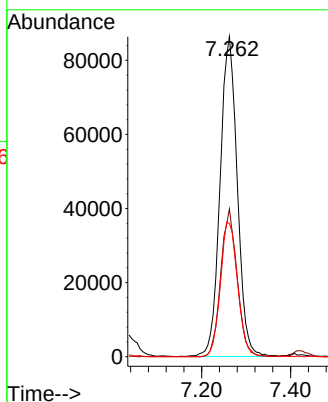
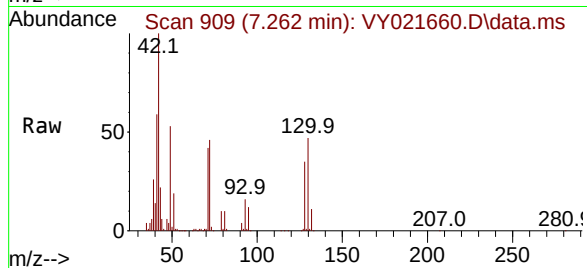
71 42.0 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#30

Chloroform

Concen: 94.087 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021660.D

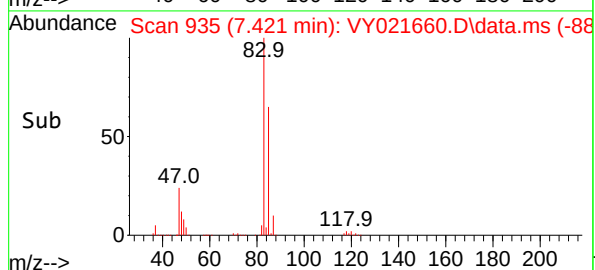
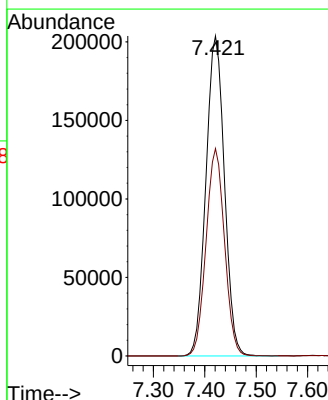
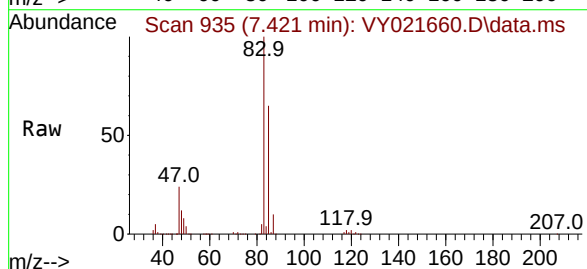
Acq: 27 Mar 2025 11:39

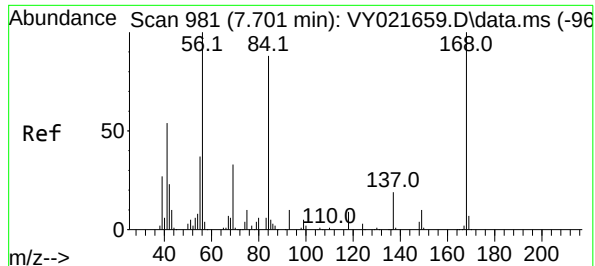
Tgt Ion: 83 Resp: 509194

Ion Ratio Lower Upper

83 100

85 64.8 50.6 75.8





#31

Cyclohexane

Concen: 92.706 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 439720

Ion Ratio Lower Upper

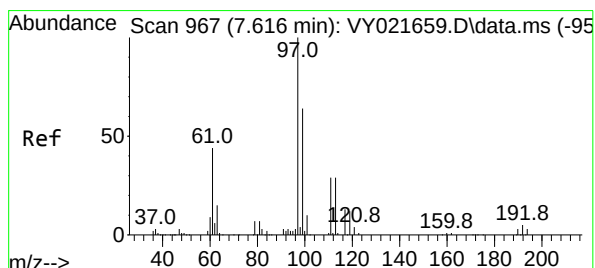
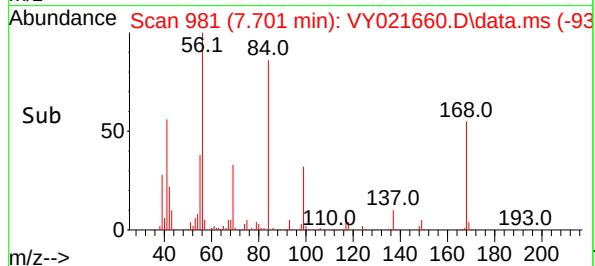
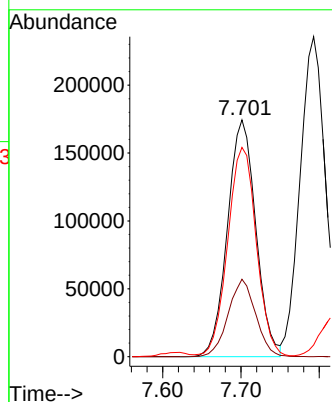
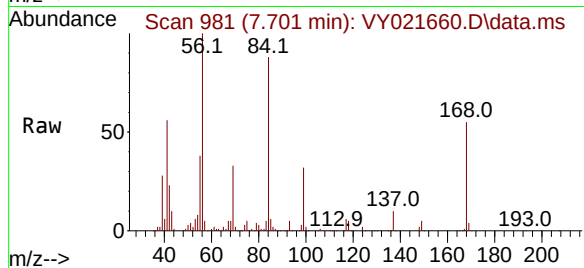
56 100

69 32.7 26.6 40.0

84 86.5 69.0 103.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#32

1,1,1-Trichloroethane

Concen: 94.182 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

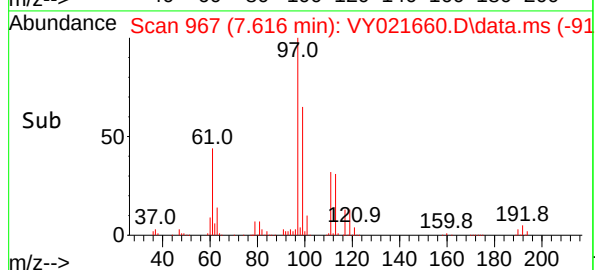
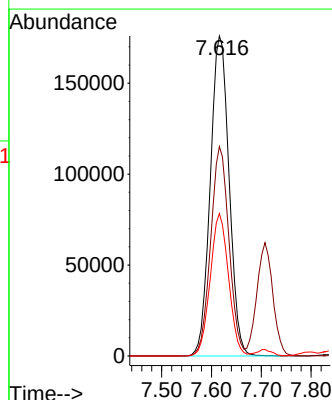
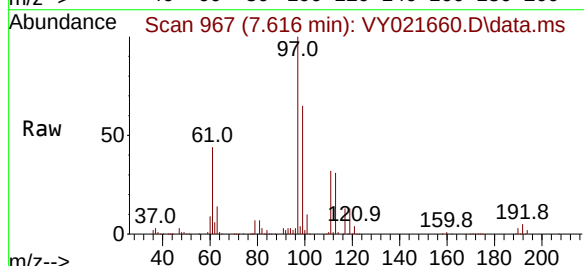
Tgt Ion: 97 Resp: 460680

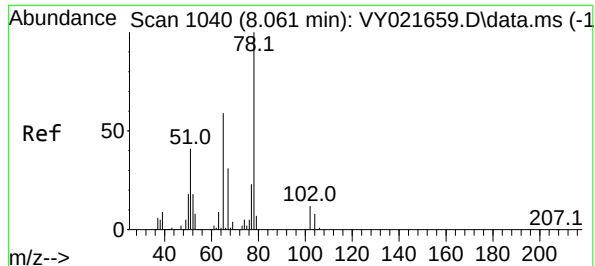
Ion Ratio Lower Upper

97 100

99 63.8 50.7 76.1

61 43.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 94.129 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 252968

Ion Ratio Lower Upper

65 100

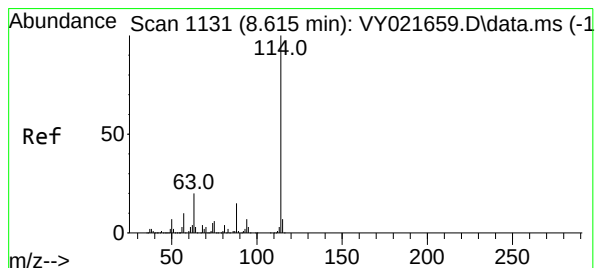
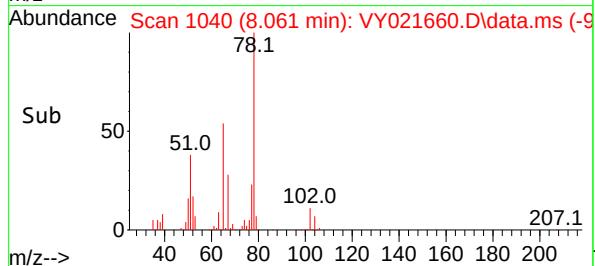
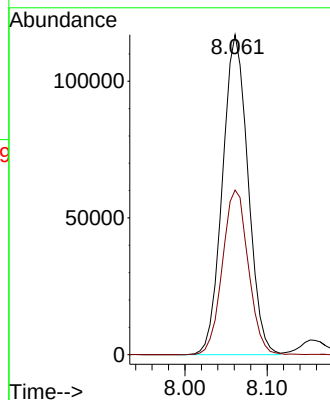
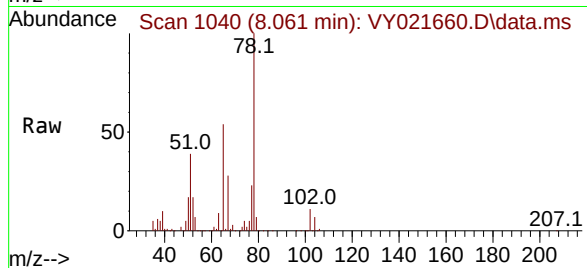
67 52.2 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

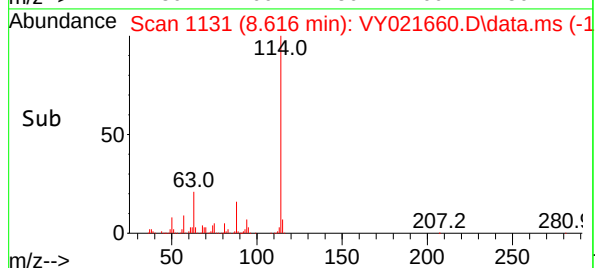
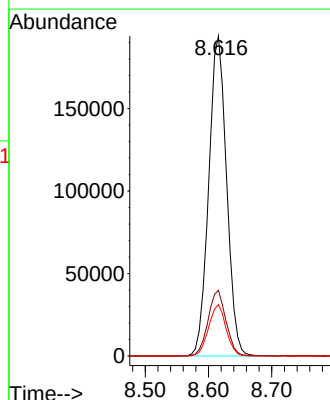
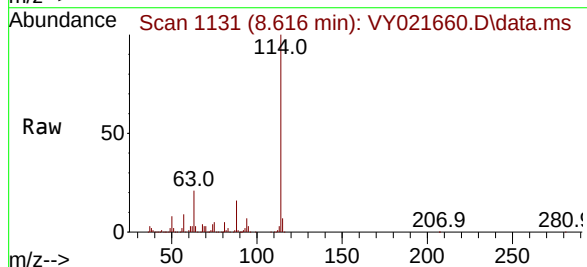
Tgt Ion:114 Resp: 380682

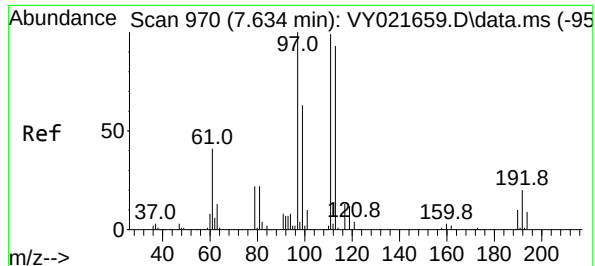
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 16.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 100.177 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 247380

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

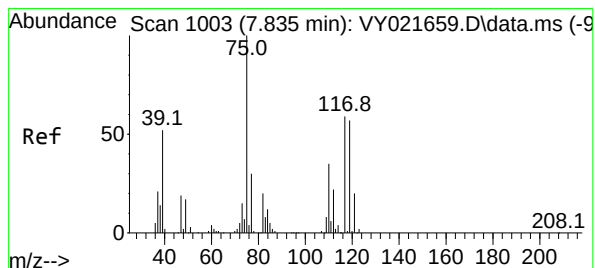
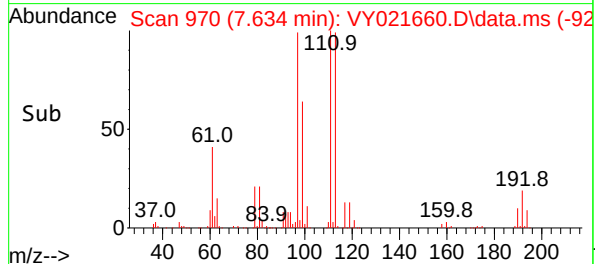
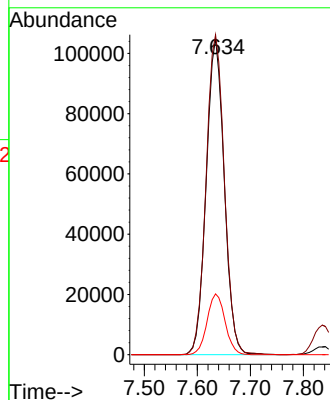
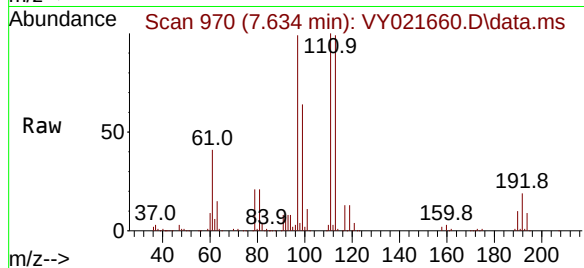
192 19.2 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#36

1,1-Dichloropropene

Concen: 98.035 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

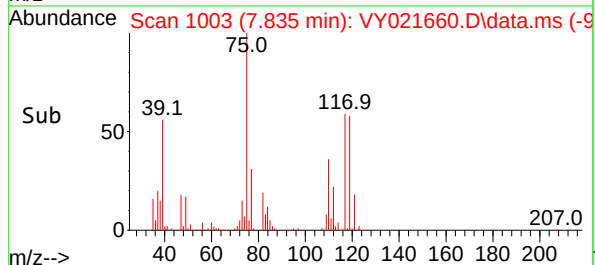
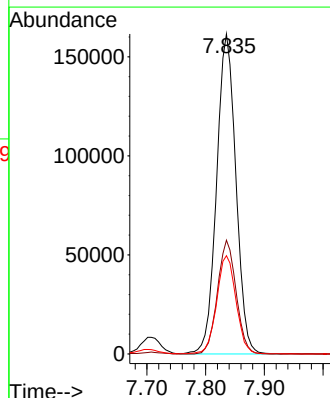
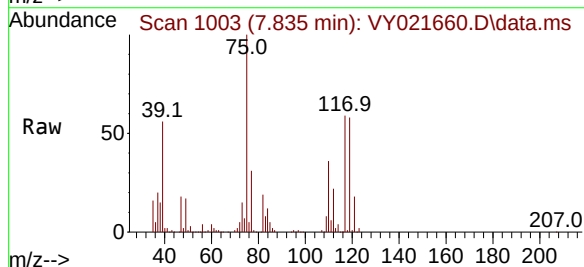
Tgt Ion: 75 Resp: 368741

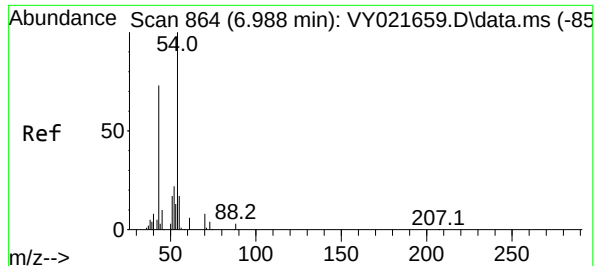
Ion Ratio Lower Upper

75 100

110 34.4 17.0 50.9

77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 90.529 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 160700

Ion Ratio Lower Upper

43 100

61 13.9 11.0 16.6

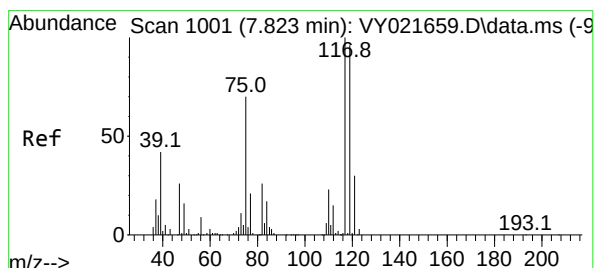
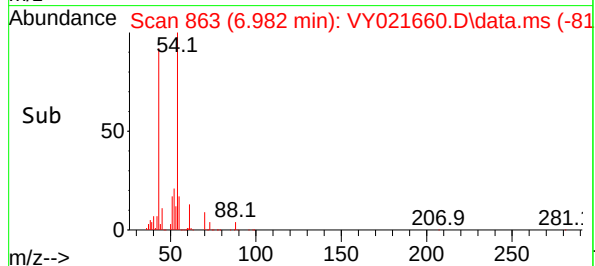
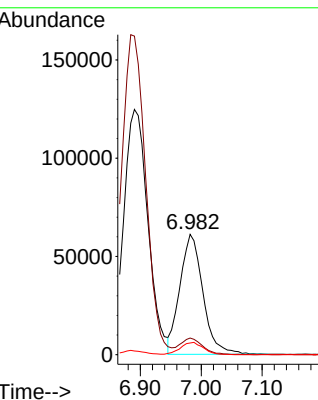
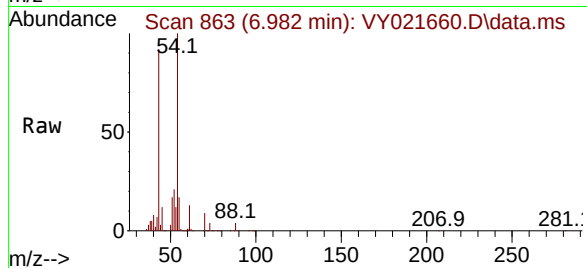
70 10.2 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#38

Carbon Tetrachloride

Concen: 96.746 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

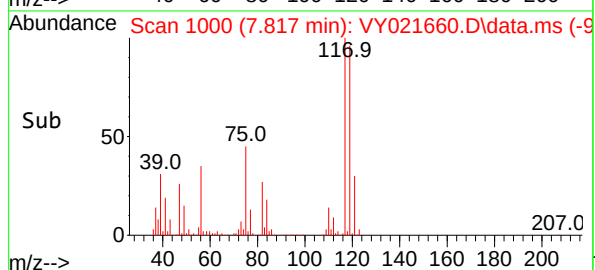
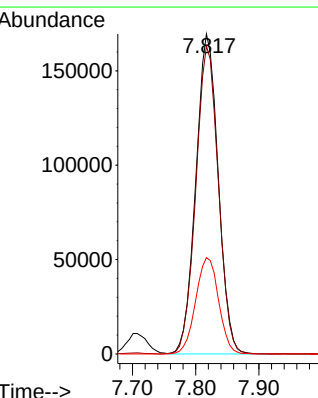
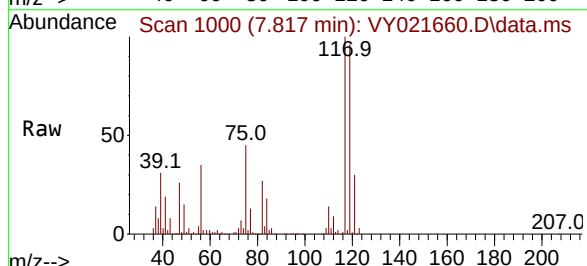
Tgt Ion:117 Resp: 416779

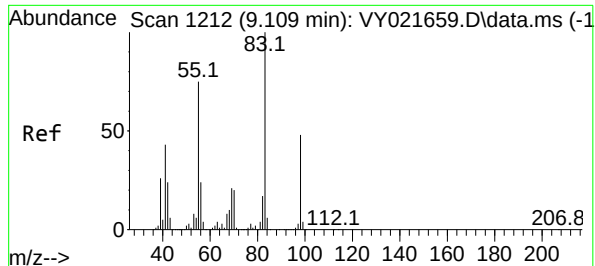
Ion Ratio Lower Upper

117 100

119 96.2 76.2 114.4

121 30.1 24.2 36.4





#39

Methylcyclohexane

Concen: 103.663 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 465789

Ion Ratio Lower Upper

83 100

55 73.0 59.7 89.5

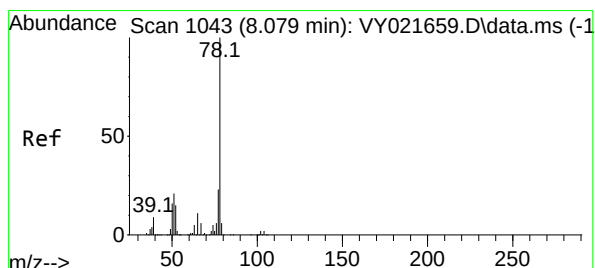
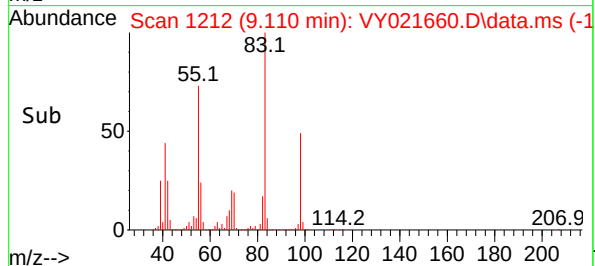
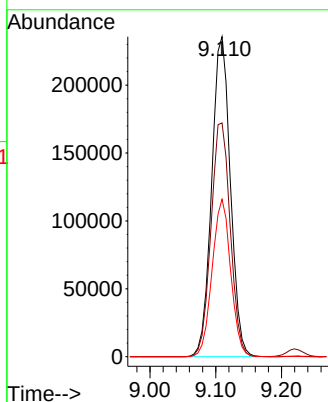
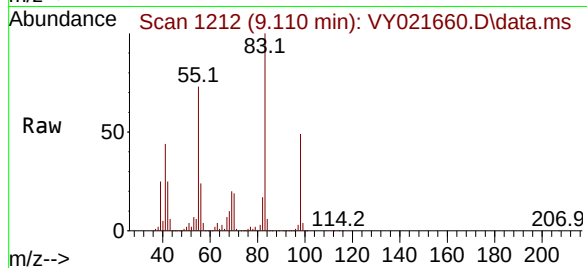
98 49.2 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#40

Benzene

Concen: 97.692 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021660.D

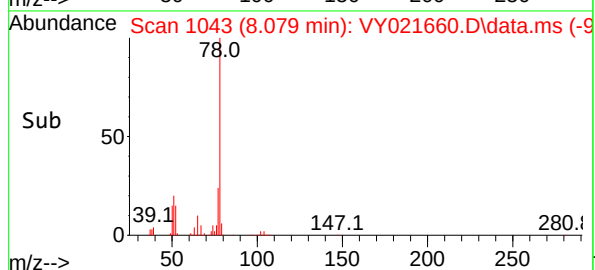
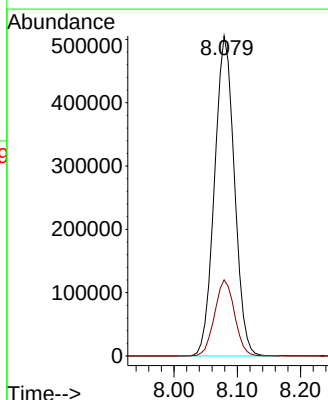
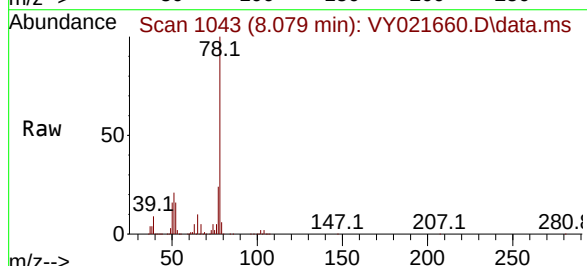
Acq: 27 Mar 2025 11:39

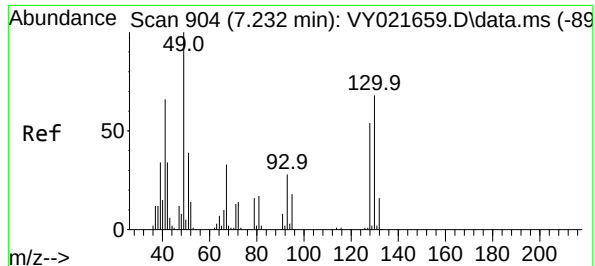
Tgt Ion: 78 Resp: 1100425

Ion Ratio Lower Upper

78 100

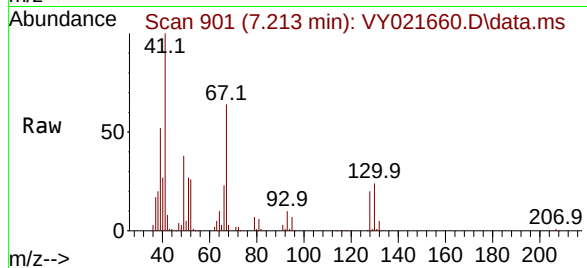
77 23.8 18.8 28.2





#41
Methacrylonitrile
Concen: 92.176 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

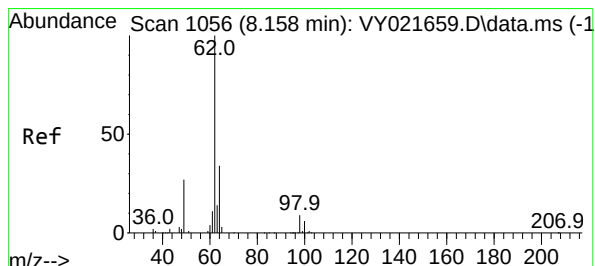
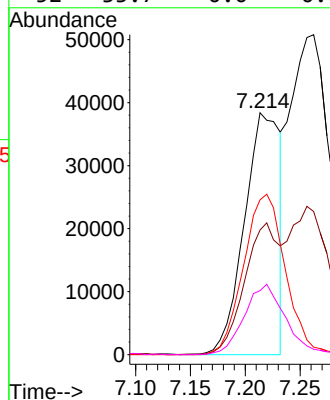
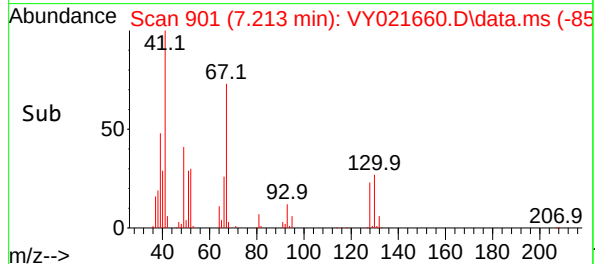
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 8688
Ion Ratio Lower Upper
41 100
39 52.8 0.0 0.0
67 78.1 0.0 0.0
52 33.7 0.0 0.0

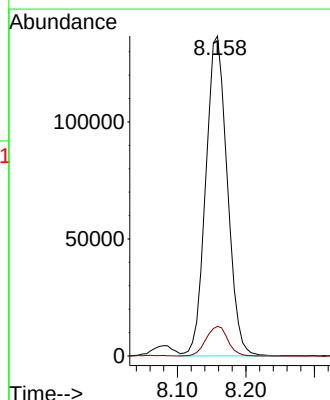
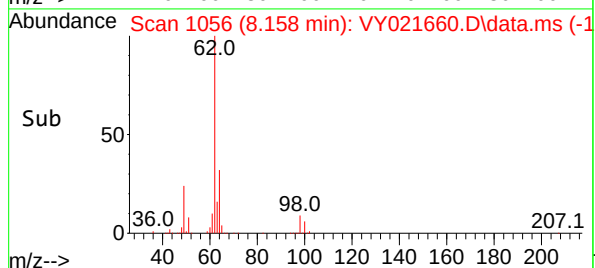
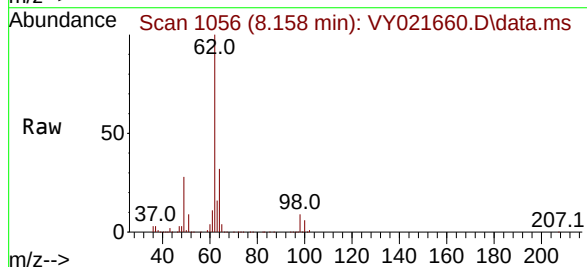
Manual Integrations
APPROVED

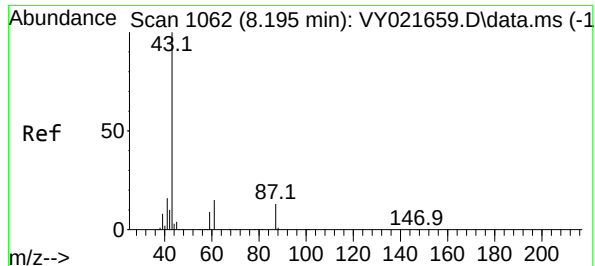
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 93.952 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 62 Resp: 298349
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43

Isopropyl Acetate

Concen: 95.153 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

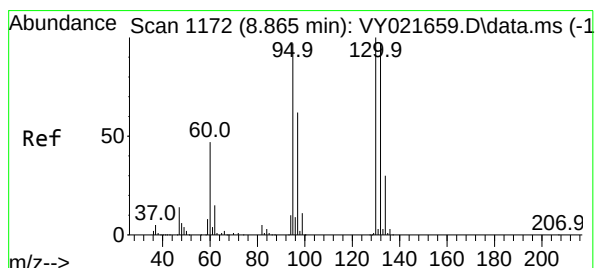
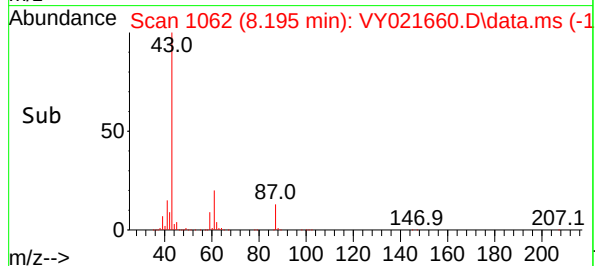
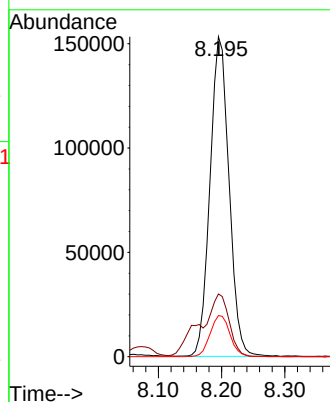
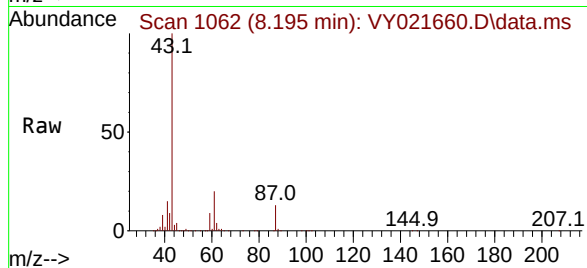
VSTDIC100

Tgt Ion: 43	Resp: 32009
Ion Ratio	Lower Upper
43 100	
61 20.0	15.9 23.9
87 13.4	10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#44

Trichloroethene

Concen: 97.190 ug/l

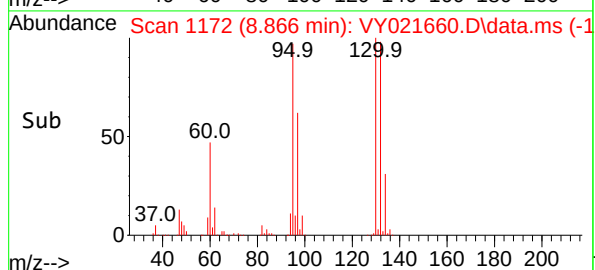
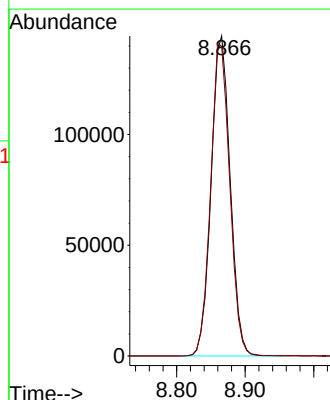
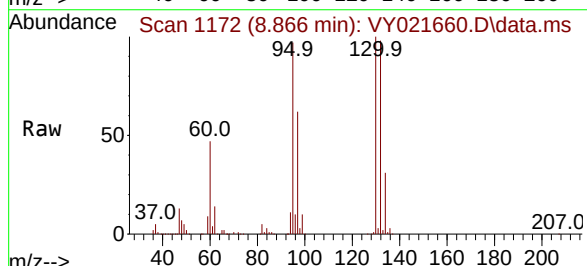
RT: 8.866 min Scan# 1172

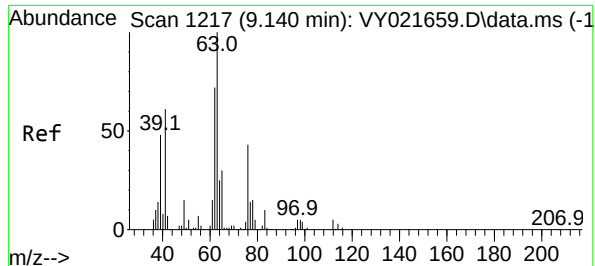
Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Tgt Ion:130	Resp: 278937
Ion Ratio	Lower Upper
130 100	
95 96.9	0.0 194.8





#45

1,2-Dichloropropane

Concen: 97.163 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 25906

Ion Ratio Lower Upper

63 100

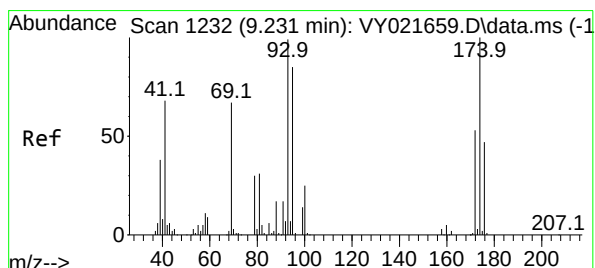
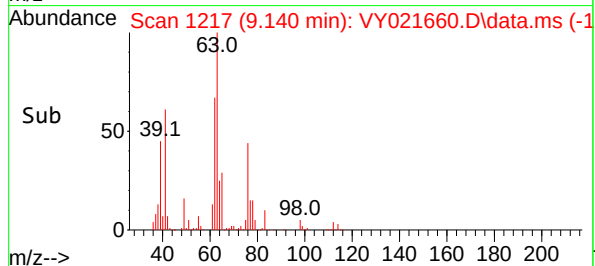
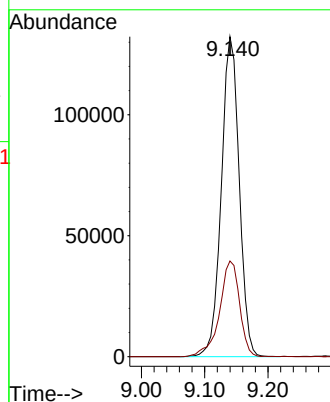
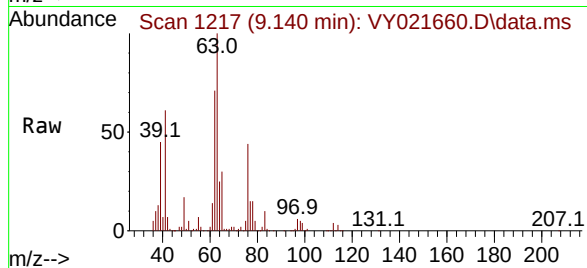
65 29.9 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#46

Dibromomethane

Concen: 94.482 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

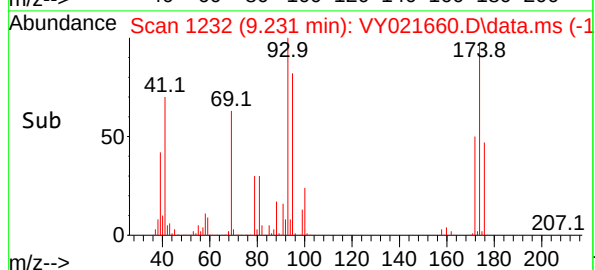
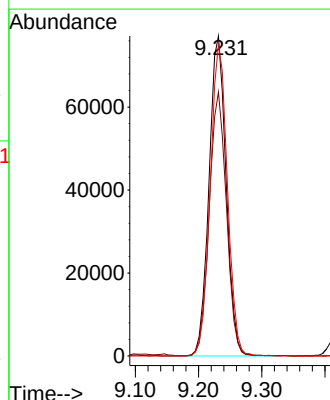
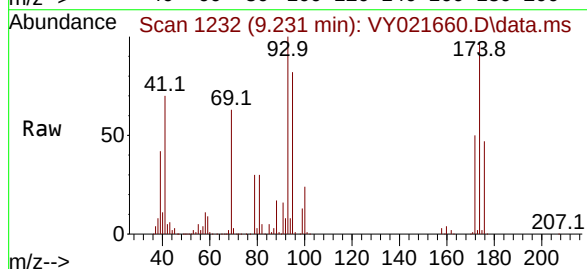
Tgt Ion: 93 Resp: 145186

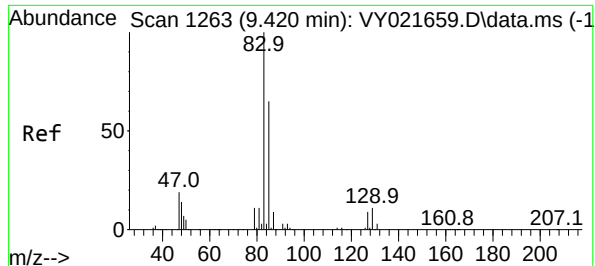
Ion Ratio Lower Upper

93 100

95 83.0 68.1 102.1

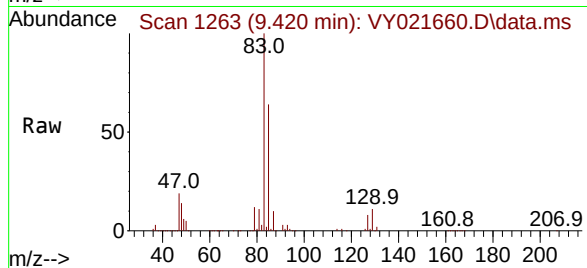
174 97.8 80.9 121.3





#47
Bromodichloromethane
Concen: 97.159 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

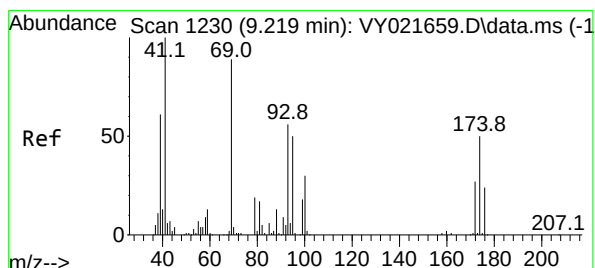
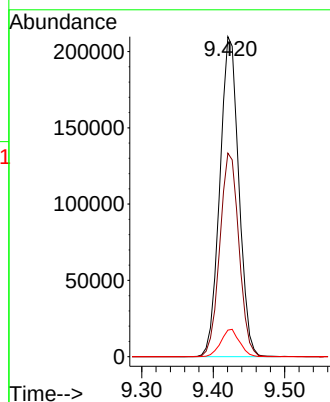
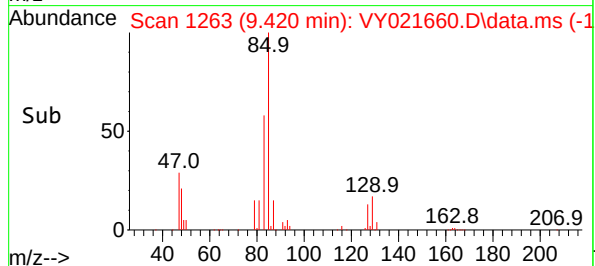
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 386864
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.6
127 8.3 6.8 10.2

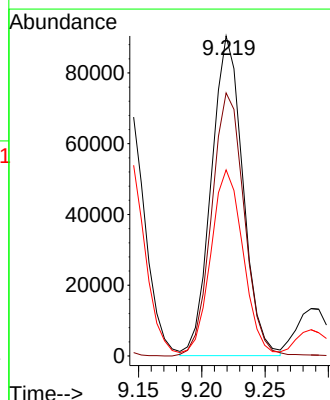
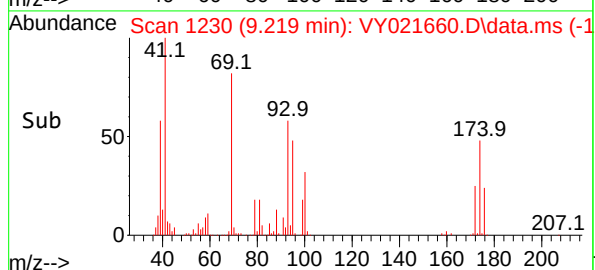
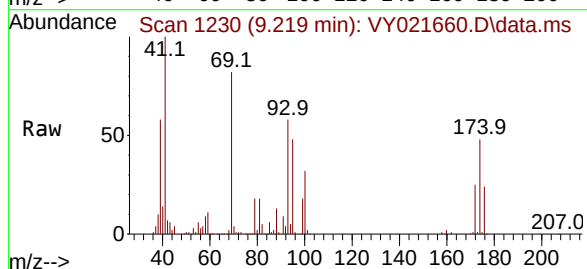
Manual Integrations
APPROVED

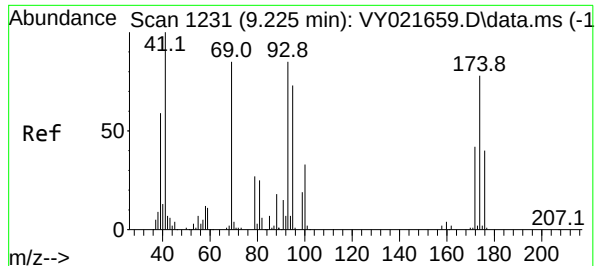
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48
Methyl methacrylate
Concen: 101.718 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 41 Resp: 157046
Ion Ratio Lower Upper
41 100
69 85.0 69.8 104.8
39 57.6 47.2 70.8





#49

1,4-Dioxane

Concen: 1922.485 ug/l

RT: 9.225 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 88 Resp: 3164

Ion Ratio Lower Upper

88 100

43 34.7 28.8 43.2

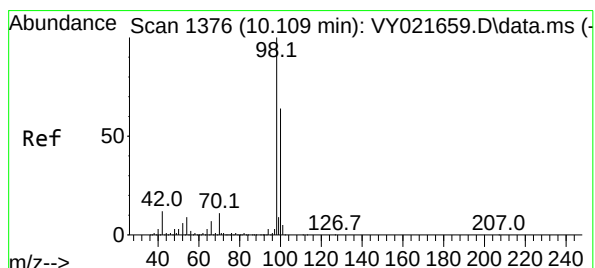
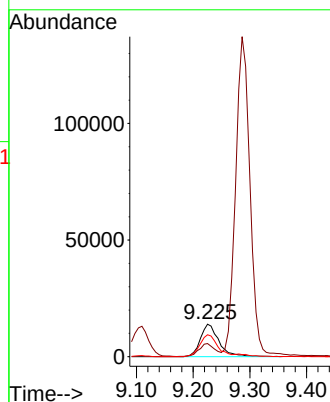
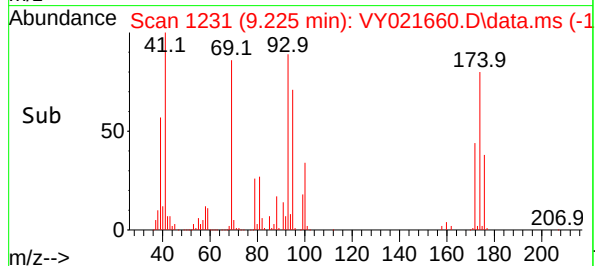
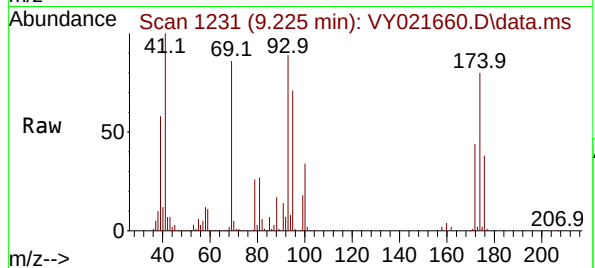
58 65.5 59.4 89.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#50

Toluene-d8

Concen: 101.480 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021660.D

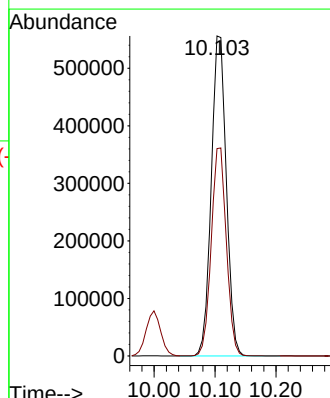
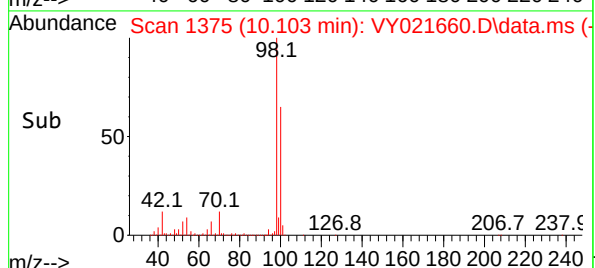
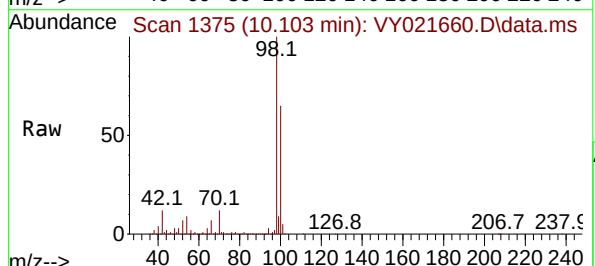
Acq: 27 Mar 2025 11:39

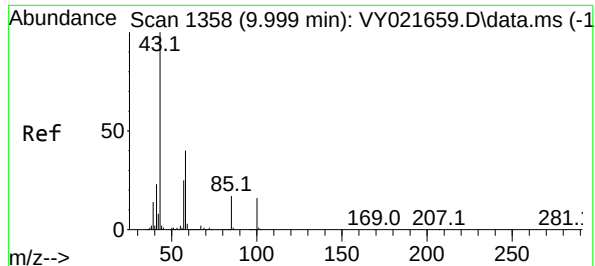
Tgt Ion: 98 Resp: 953346

Ion Ratio Lower Upper

98 100

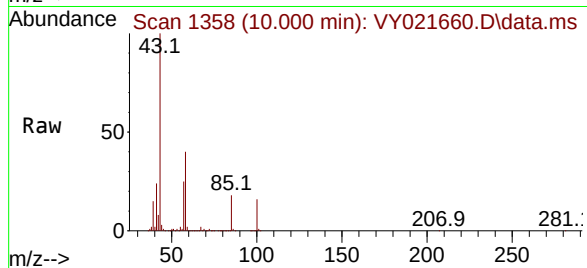
100 65.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 483.331 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

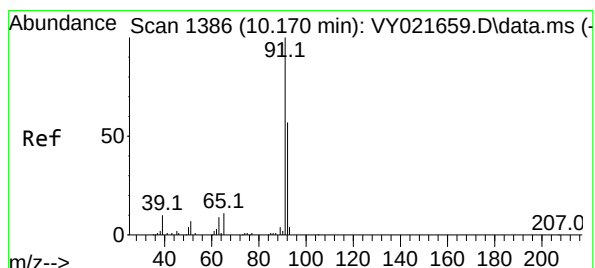
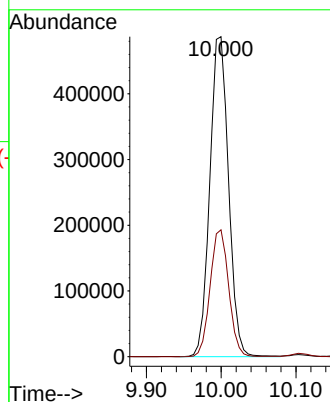
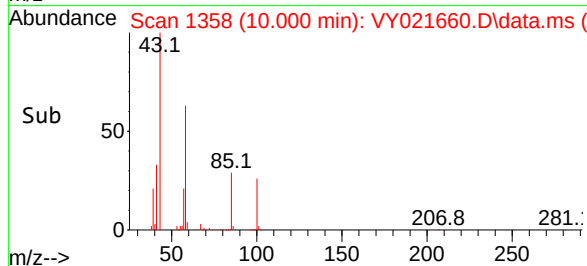
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 846120
Ion Ratio Lower Upper
43 100
58 39.4 31.5 47.3

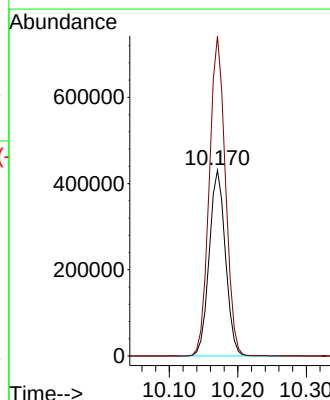
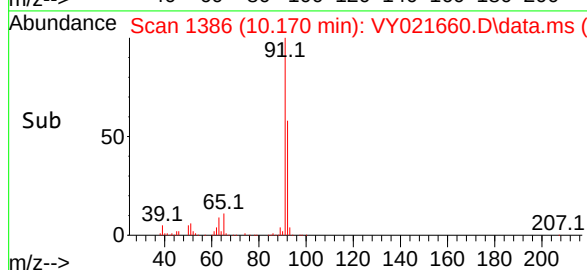
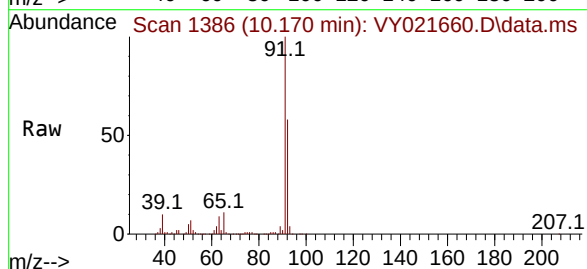
Manual Integrations
APPROVED

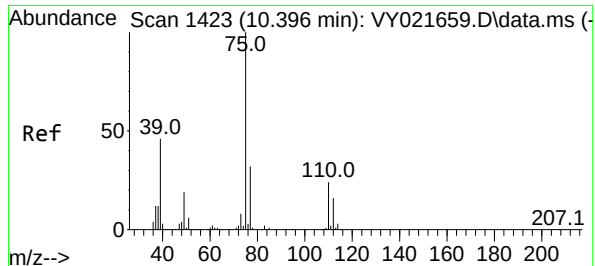
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 100.486 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 92 Resp: 706197
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8





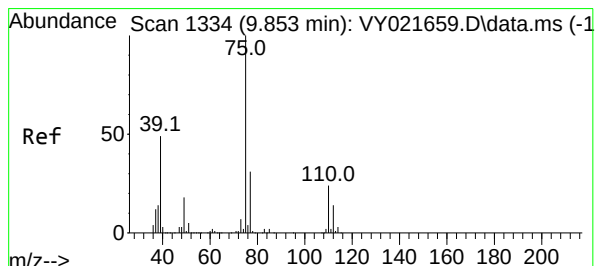
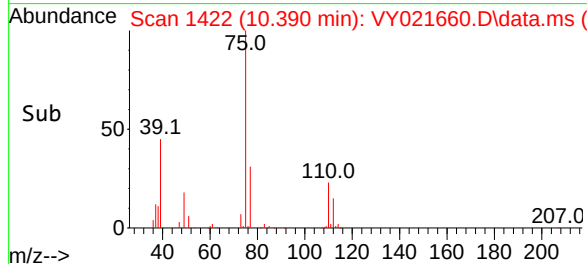
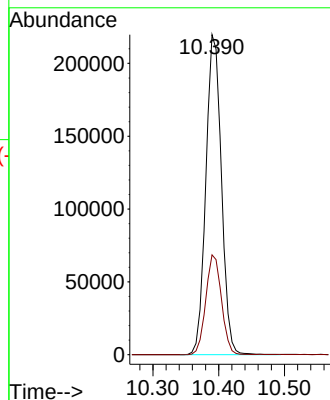
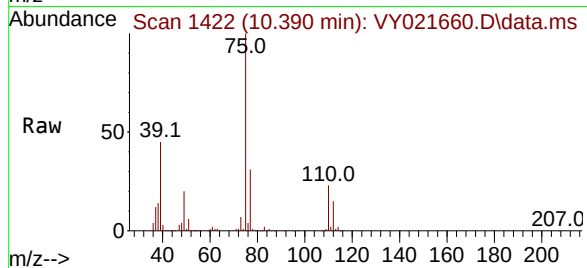
#53
t-1,3-Dichloropropene
Concen: 102.153 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 361283
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9

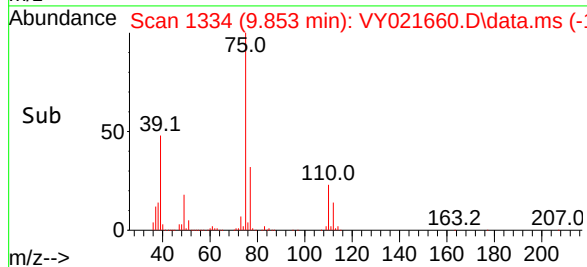
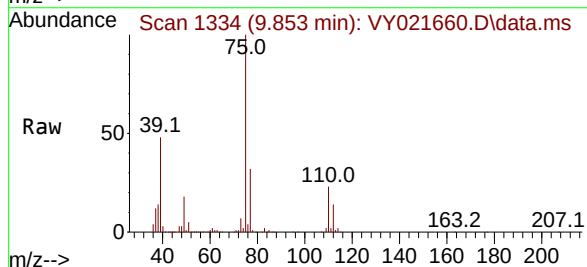
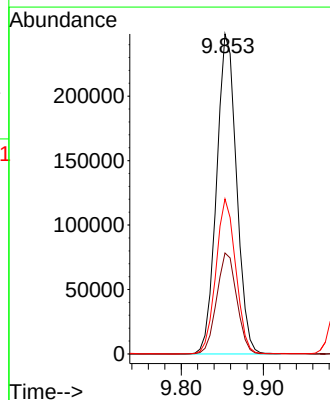
Manual Integrations
APPROVED

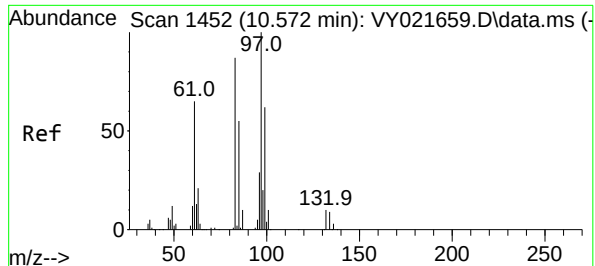
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#54
cis-1,3-Dichloropropene
Concen: 100.208 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

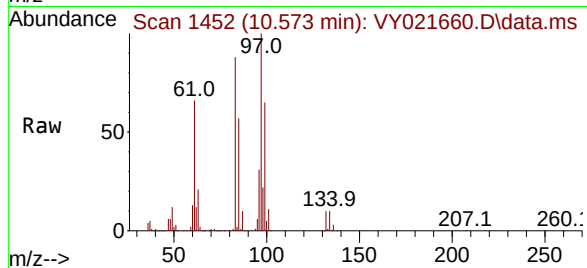
Tgt Ion: 75 Resp: 418099
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3
39 48.4 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 95.058 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

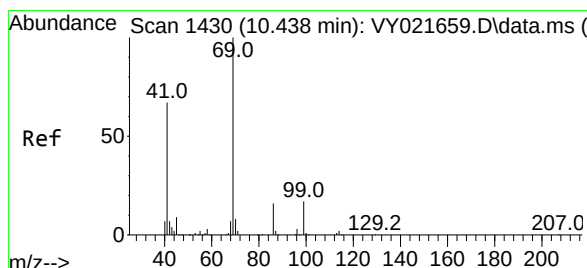
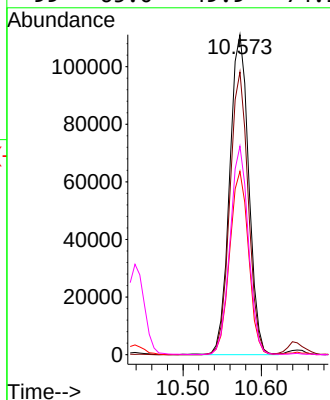
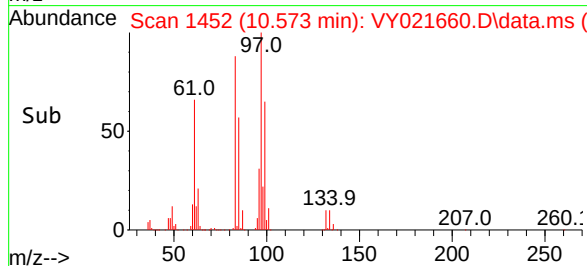
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



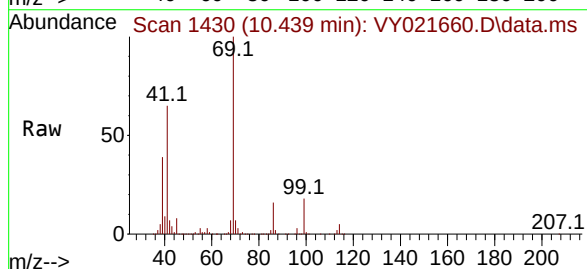
Tgt Ion: 97 Resp: 18797
Ion Ratio Lower Upper
97 100
83 88.3 69.5 104.3
85 57.3 43.9 65.9
99 65.0 49.9 74.9

Manual Integrations
APPROVED

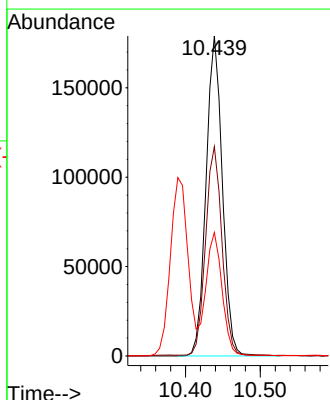
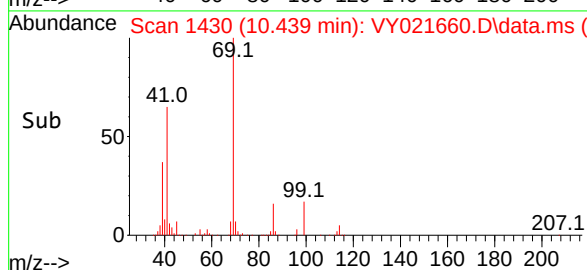
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

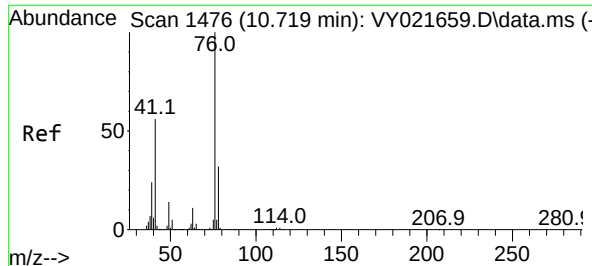


#56
Ethyl methacrylate
Concen: 107.339 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39



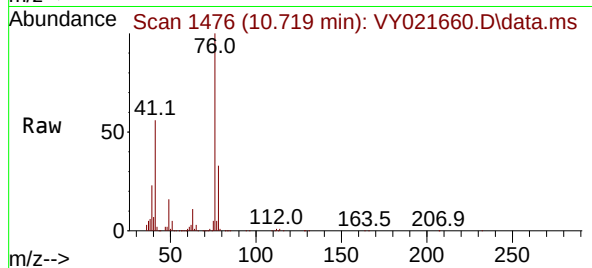
Tgt Ion: 69 Resp: 271036
Ion Ratio Lower Upper
69 100
41 65.6 53.8 80.6
39 38.6 29.6 44.4





#57
1,3-Dichloropropane
Concen: 96.352 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

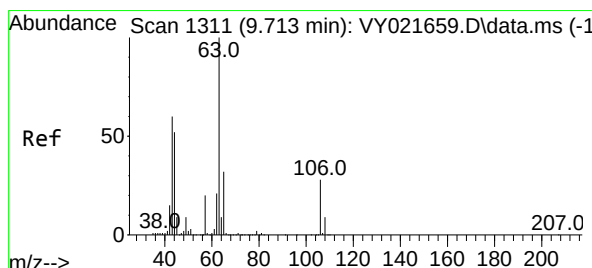
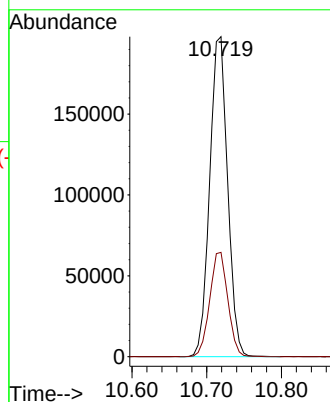
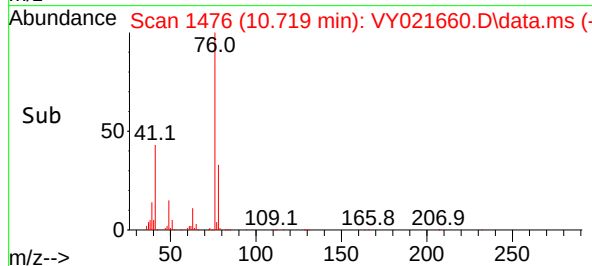
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 329063
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.8

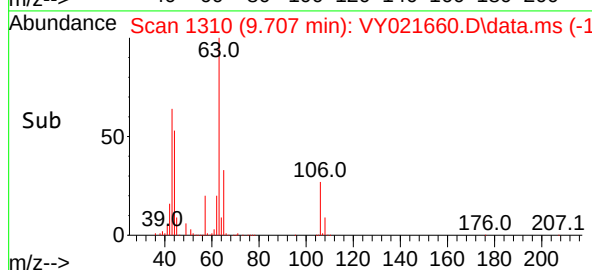
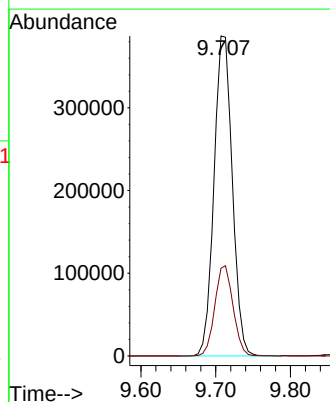
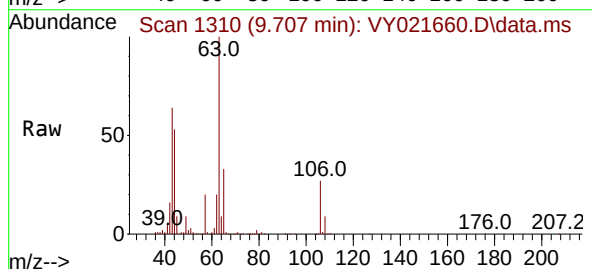
Manual Integrations
APPROVED

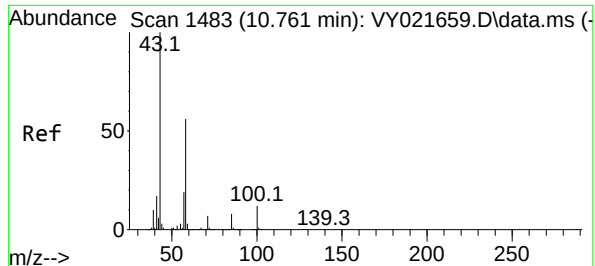
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 534.142 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

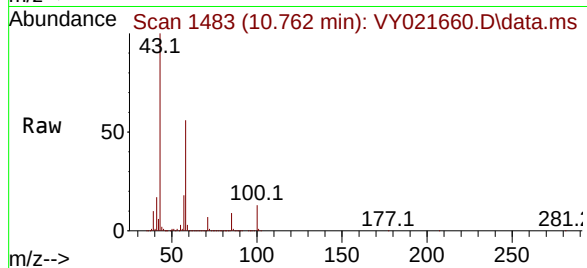
Tgt Ion: 63 Resp: 657953
Ion Ratio Lower Upper
63 100
106 28.1 22.4 33.6





#59
2-Hexanone
Concen: 484.686 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

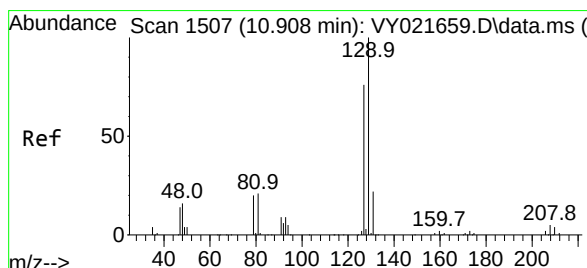
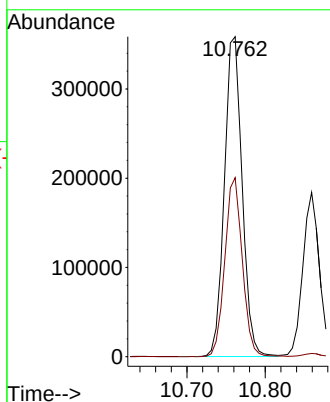
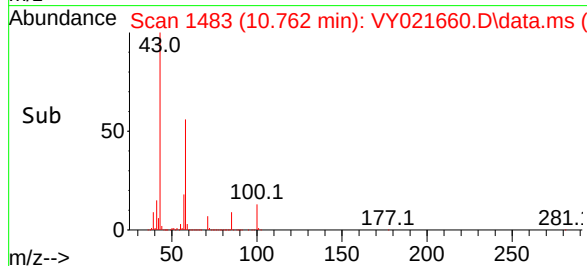
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 565080
Ion Ratio Lower Upper
43 100
58 55.2 27.2 81.5

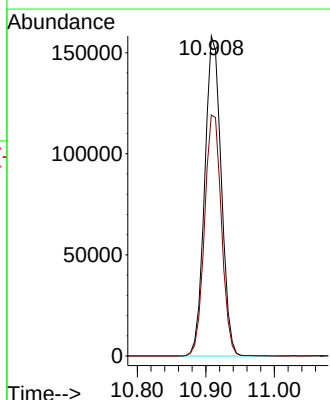
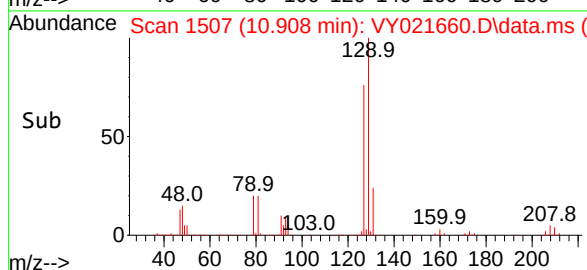
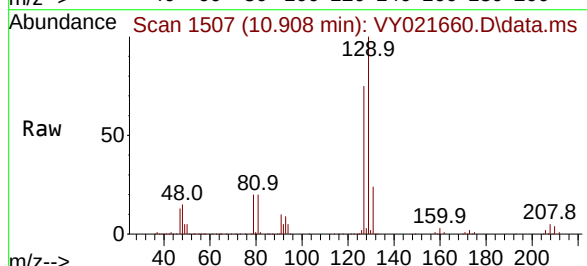
Manual Integrations
APPROVED

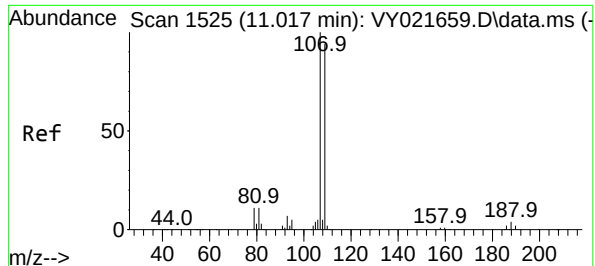
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#60
Dibromochloromethane
Concen: 98.207 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion:129 Resp: 265151
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7





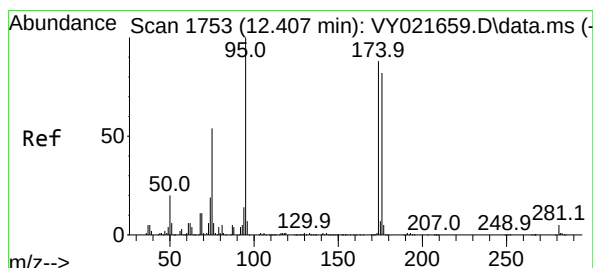
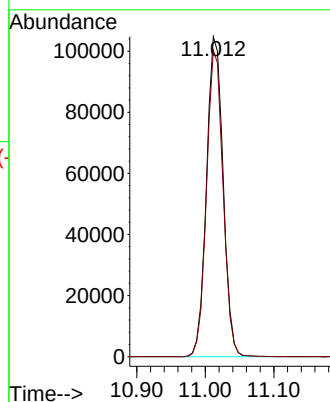
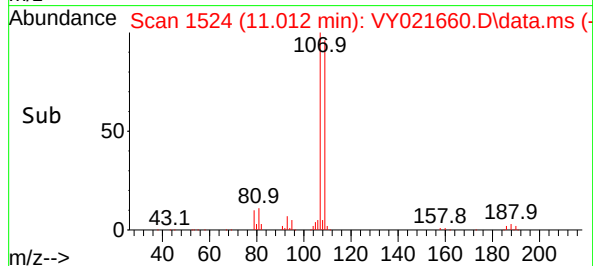
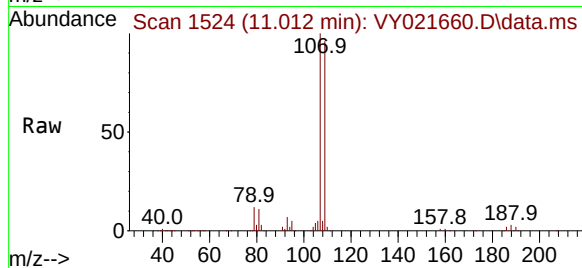
#61
1,2-Dibromoethane
Concen: 95.501 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:107 Resp: 177158
Ion Ratio Lower Upper
107 100
109 94.9 74.4 111.6

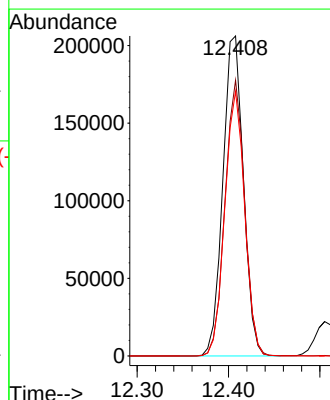
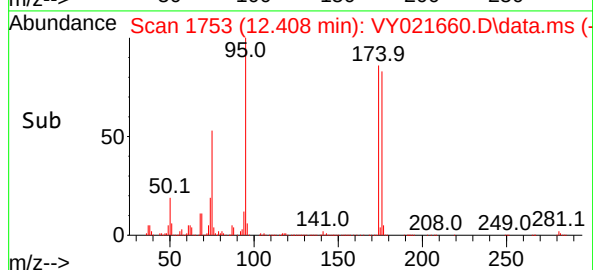
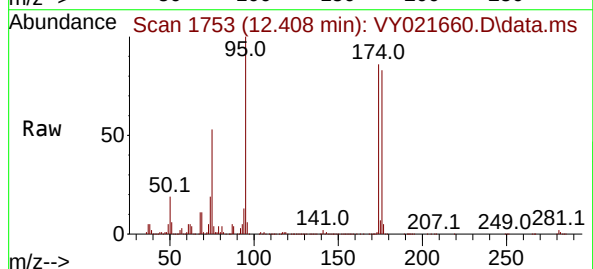
Manual Integrations
APPROVED

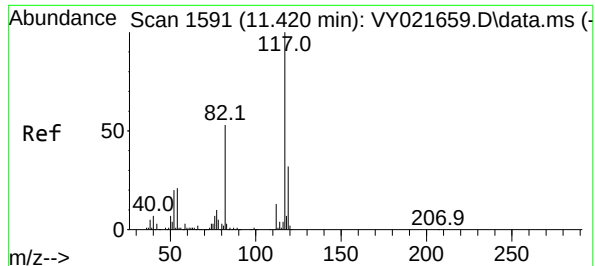
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 101.481 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

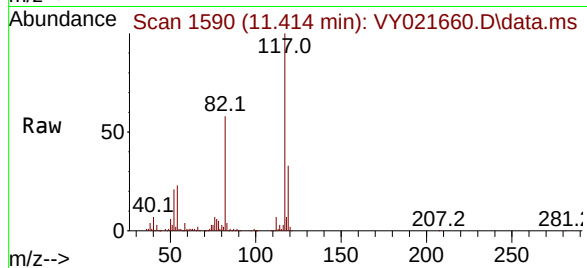
Tgt Ion: 95 Resp: 322469
Ion Ratio Lower Upper
95 100
174 82.7 0.0 170.8
176 79.9 0.0 162.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

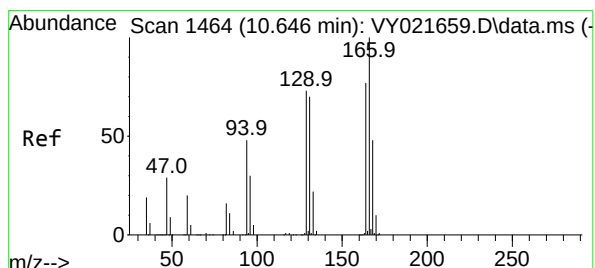
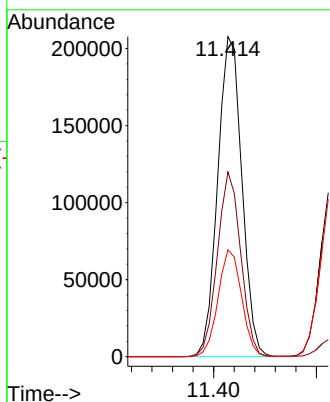
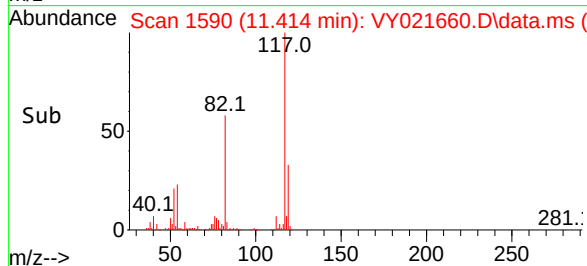
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



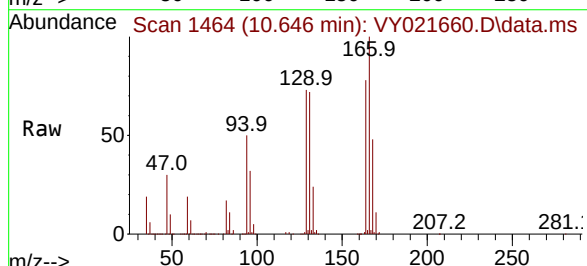
Tgt Ion:117 Resp: 33920
Ion Ratio Lower Upper
117 100
82 57.7 42.8 64.2
119 33.4 25.7 38.5

Manual Integrations
APPROVED

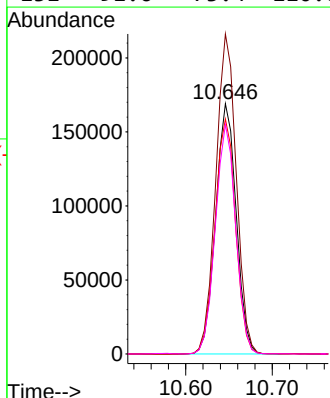
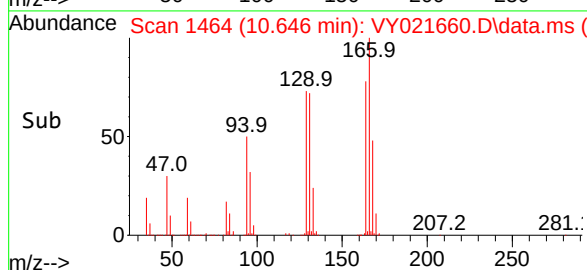
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

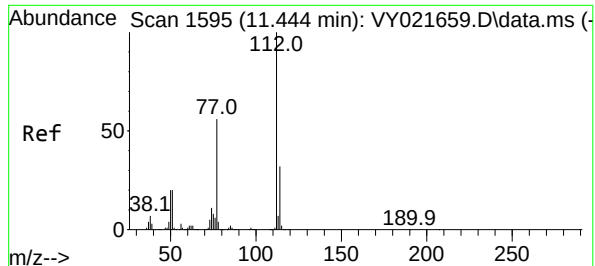


#64
Tetrachloroethene
Concen: 90.401 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39



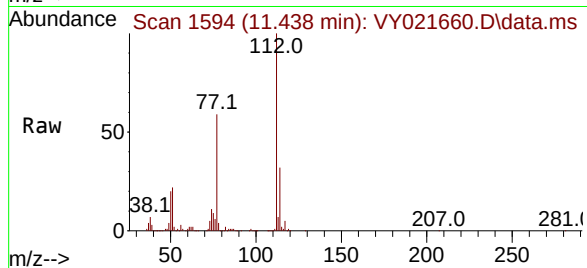
Tgt Ion:164 Resp: 279279
Ion Ratio Lower Upper
164 100
166 127.9 104.6 156.8
129 93.9 76.6 114.8
131 91.6 73.4 110.0





#65
Chlorobenzene
Concen: 97.381 ug/l
RT: 11.438 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

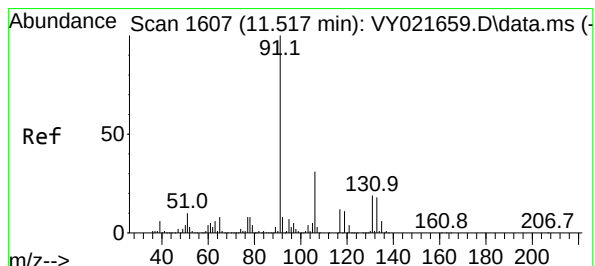
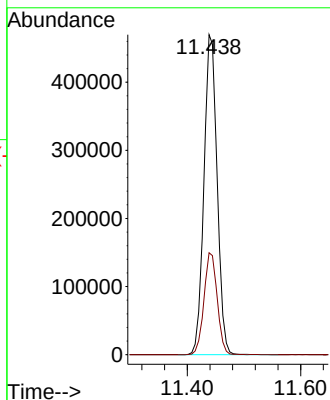
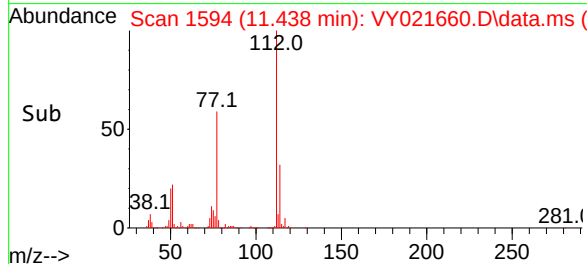
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



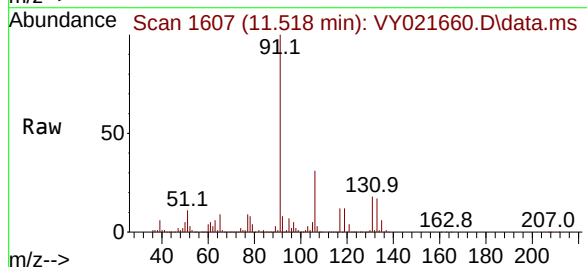
Tgt Ion:112 Resp: 757197
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9

Manual Integrations
APPROVED

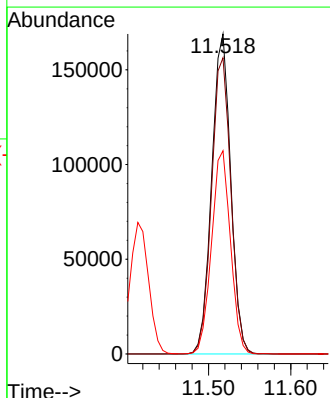
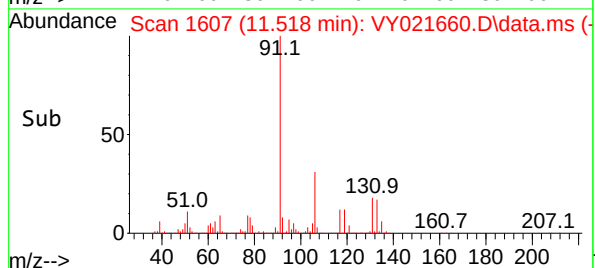
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

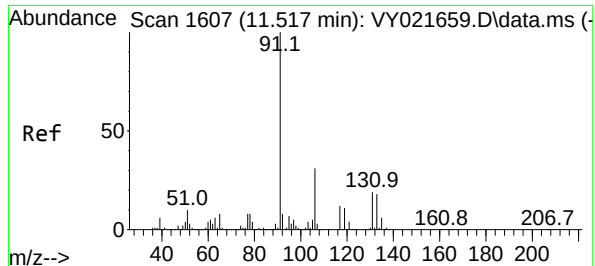


#66
1,1,1,2-Tetrachloroethane
Concen: 98.275 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39



Tgt Ion:131 Resp: 271119
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.8
119 63.6 31.6 95.0





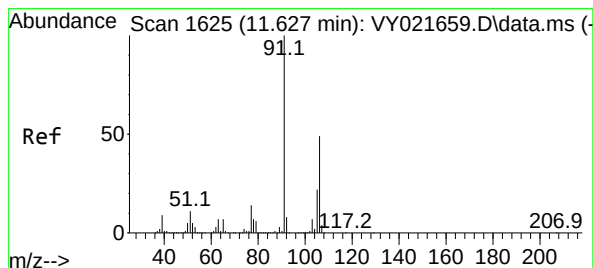
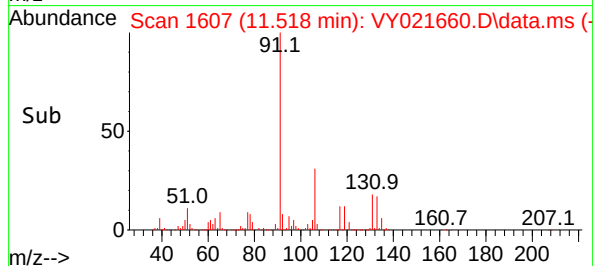
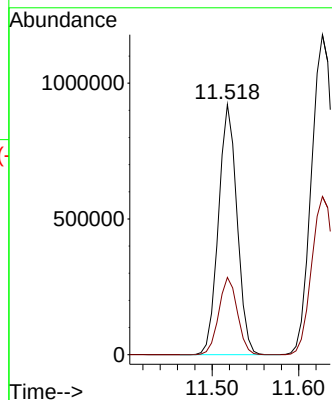
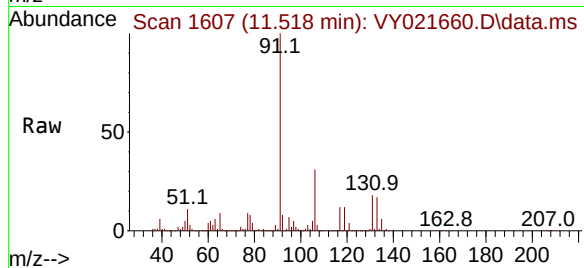
#67
Ethyl Benzene
Concen: 102.918 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1372249
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8

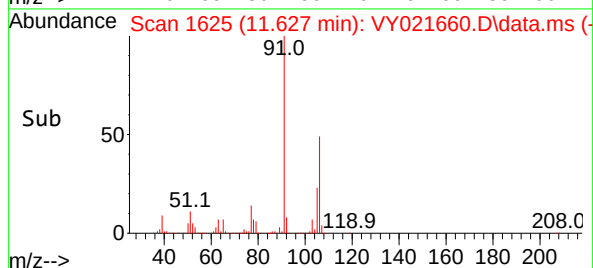
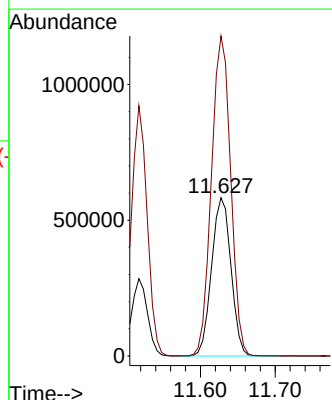
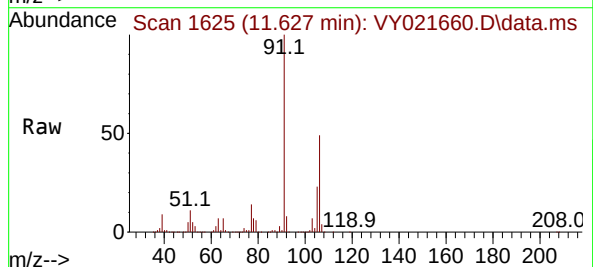
Manual Integrations
APPROVED

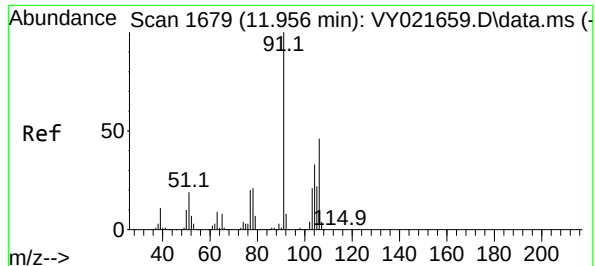
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#68
m/p-Xylenes
Concen: 205.681 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion:106 Resp: 1050156
Ion Ratio Lower Upper
106 100
91 201.4 162.4 243.6





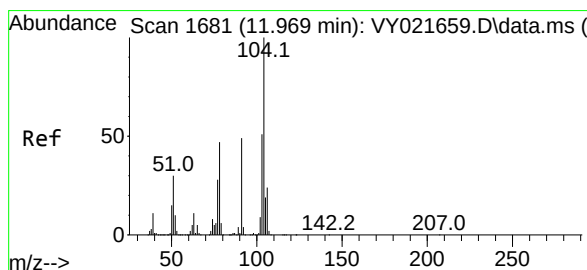
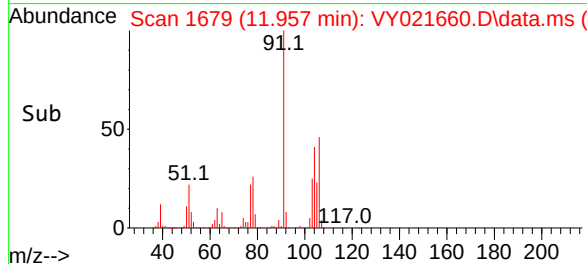
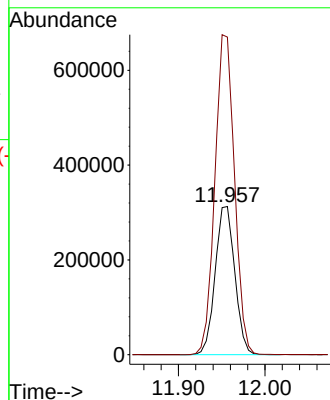
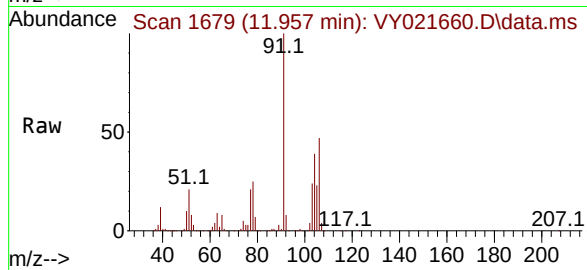
#69
o-Xylene
Concen: 104.369 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 491895
Ion Ratio Lower Upper
106 100
91 215.9 106.7 319.9

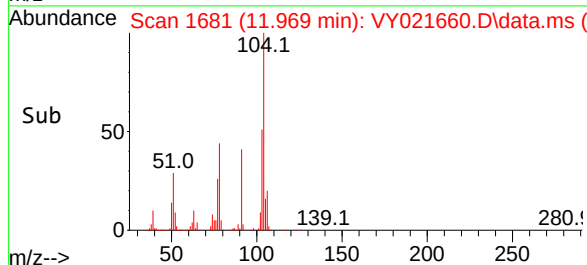
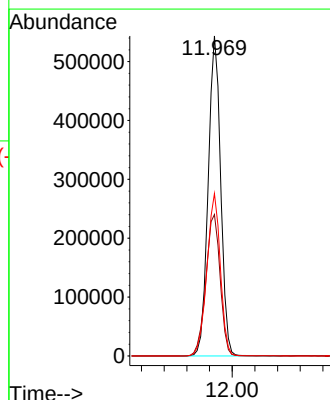
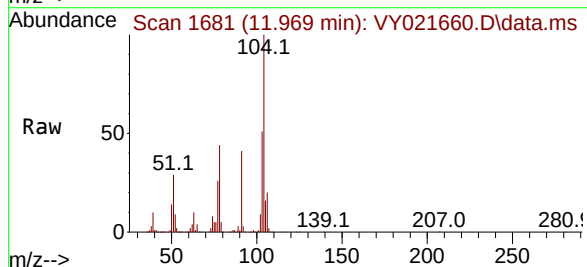
Manual Integrations
APPROVED

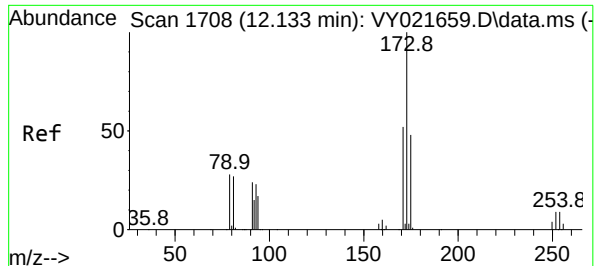
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 106.098 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

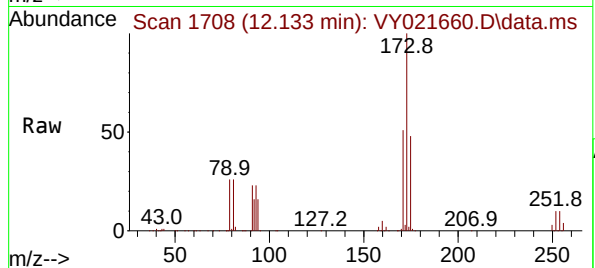
Tgt Ion:104 Resp: 833734
Ion Ratio Lower Upper
104 100
78 50.5 40.8 61.2
103 54.6 44.2 66.2





#71
Bromoform
Concen: 97.024 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

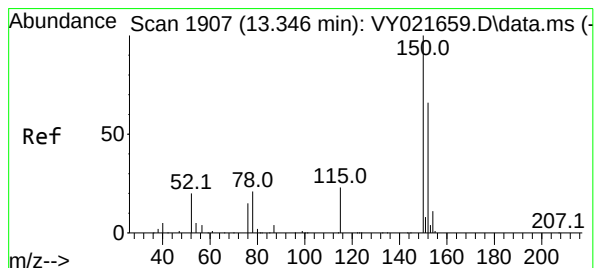
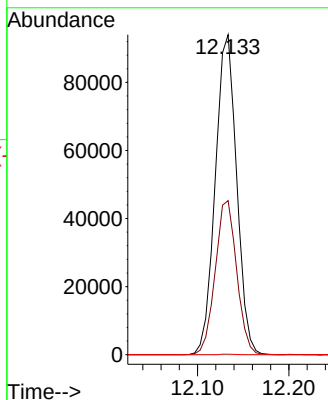
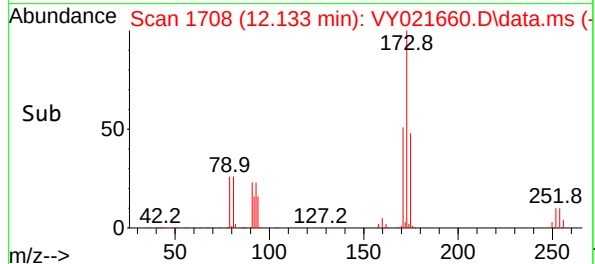
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



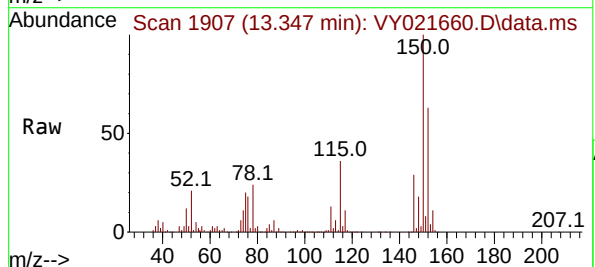
Tgt Ion:173 Resp: 15268
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.1 0.1 0.1

Manual Integrations
APPROVED

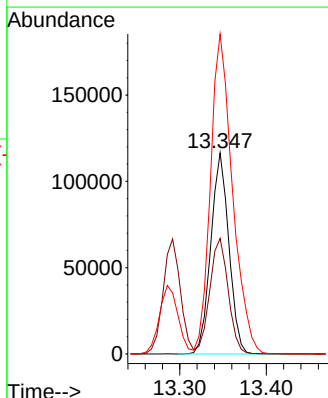
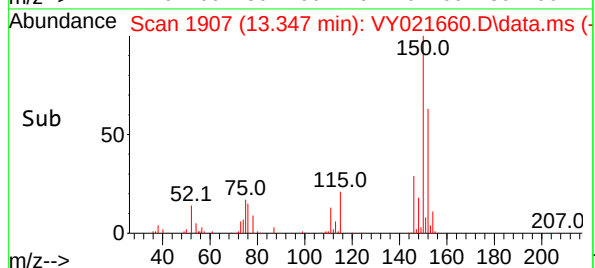
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

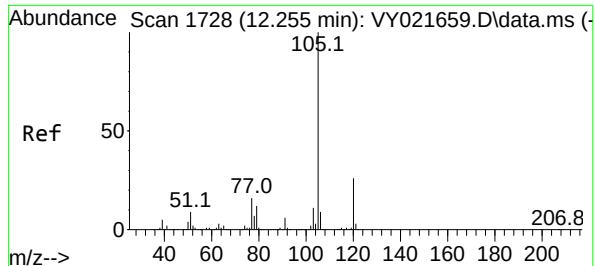


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39



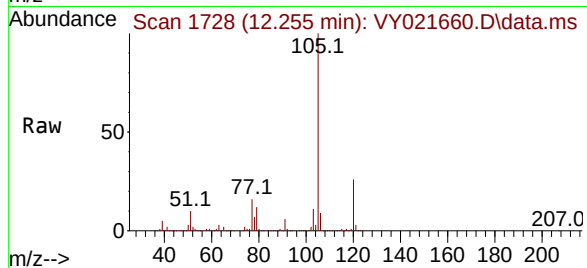
Tgt Ion:152 Resp: 168901
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 193.6 0.0 348.4





#73
Isopropylbenzene
Concen: 103.486 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

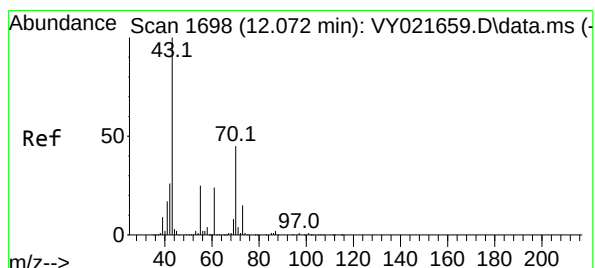
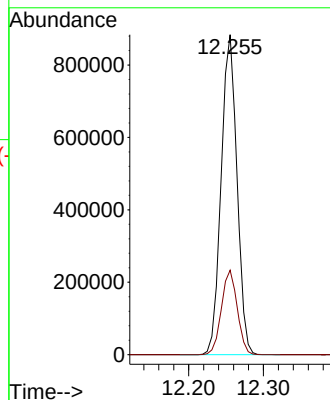
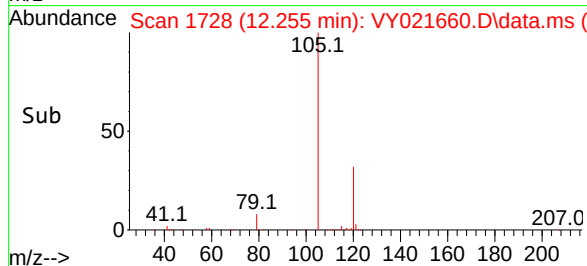
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:105 Resp: 129822
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

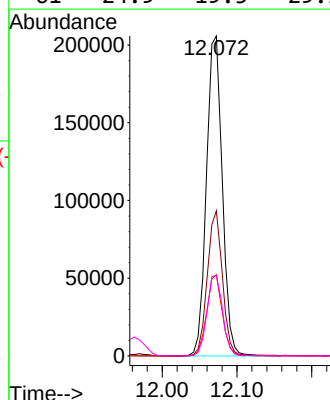
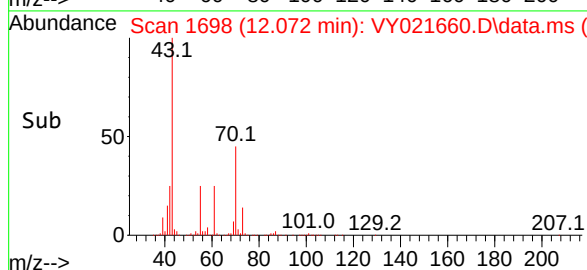
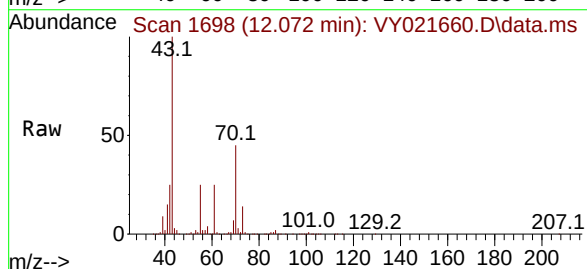
Manual Integrations
APPROVED

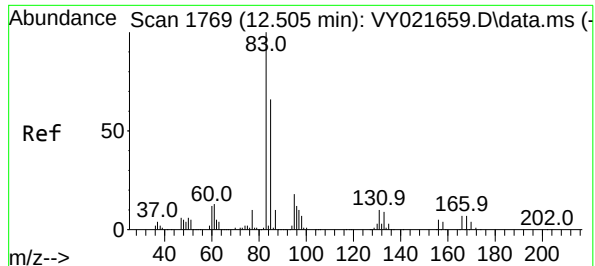
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#74
N-ethyl acetate
Concen: 103.027 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 43 Resp: 303328
Ion Ratio Lower Upper
43 100
70 43.3 34.7 52.1
55 25.1 21.2 31.8
61 24.9 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 92.706 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 209094

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

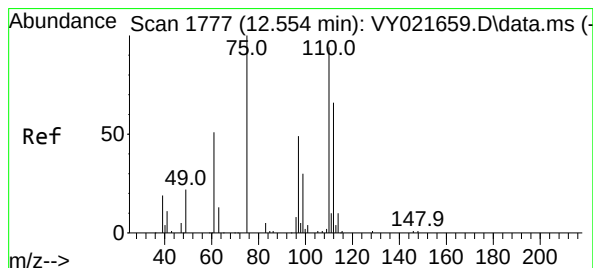
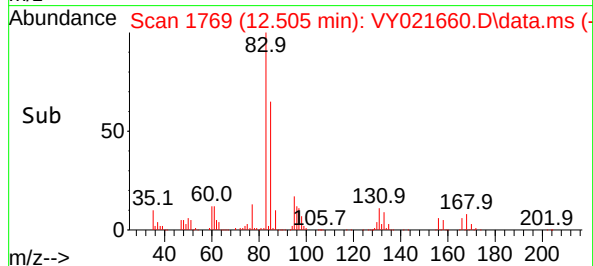
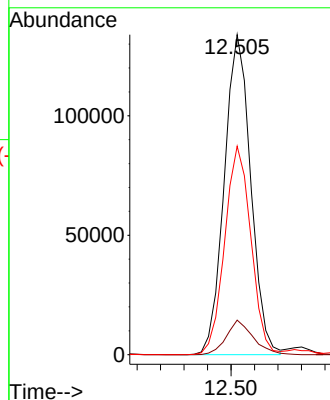
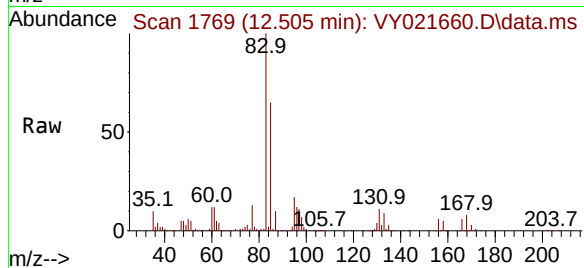
85 64.7 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#76

1,2,3-Trichloropropane

Concen: 91.372 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021660.D

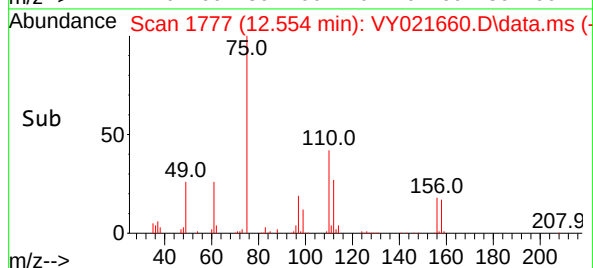
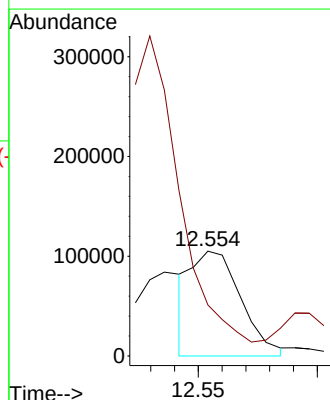
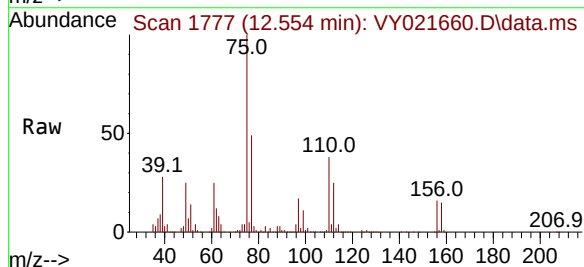
Acq: 27 Mar 2025 11:39

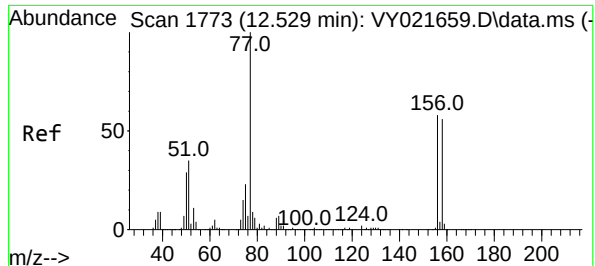
Tgt Ion: 75 Resp: 152979

Ion Ratio Lower Upper

75 100

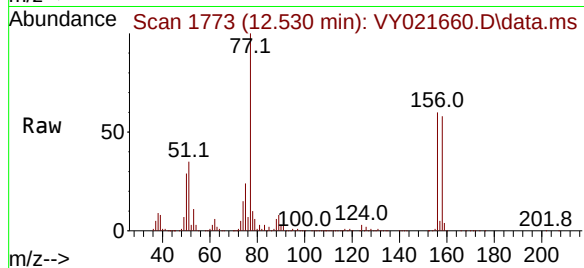
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 99.323 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

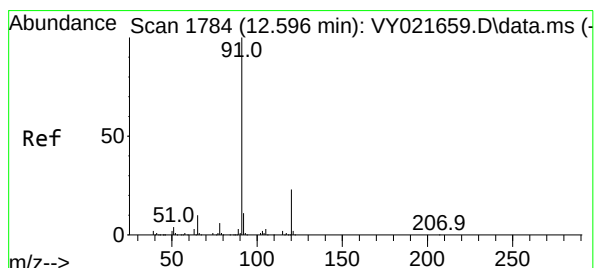
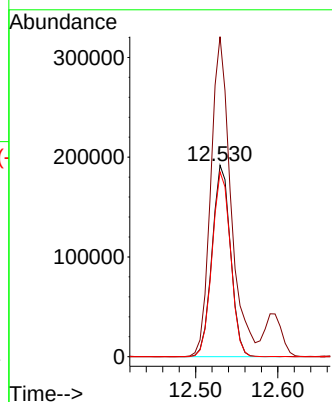
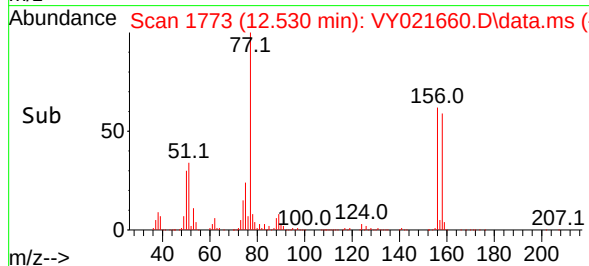
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 156 Resp: 29916
Ion Ratio Lower Upper
156 100
77 181.1 92.8 278.3
158 96.8 48.5 145.6

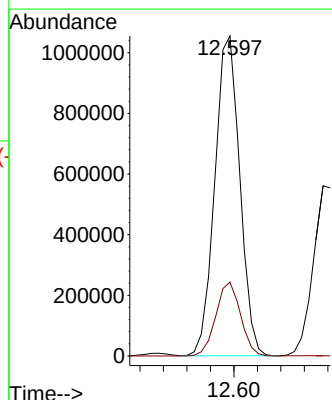
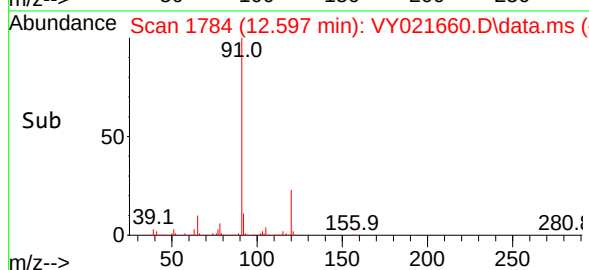
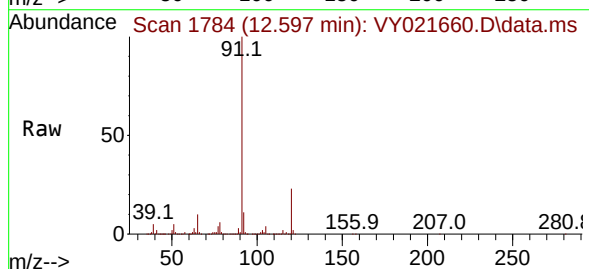
Manual Integrations
APPROVED

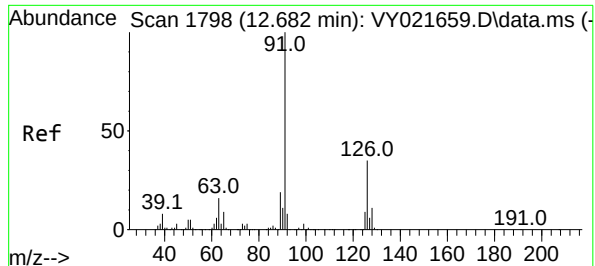
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#78
n-propylbenzene
Concen: 103.290 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion: 91 Resp: 1557825
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 100.382 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. -0.006 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 879334

Ion Ratio Lower Upper

91 100

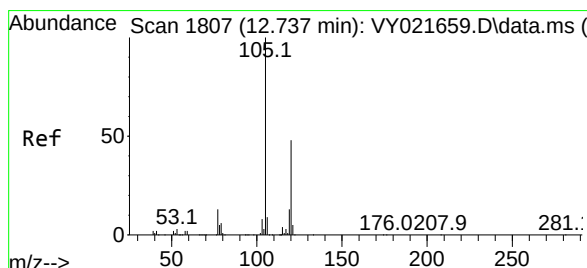
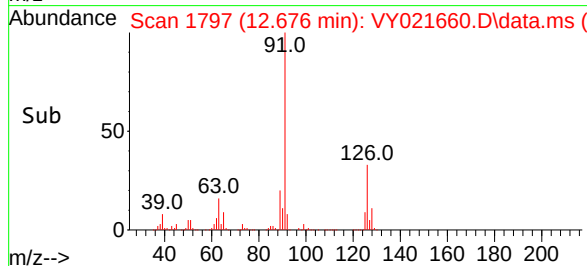
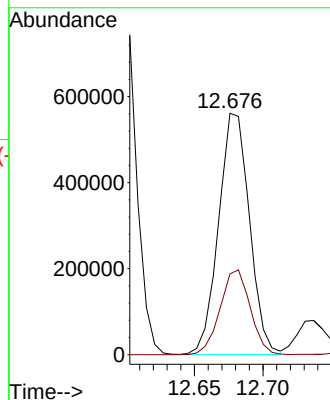
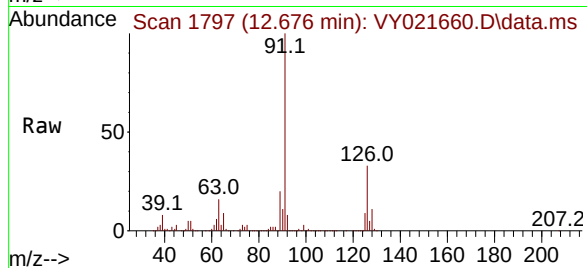
126 34.3 17.3 52.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 103.480 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021660.D

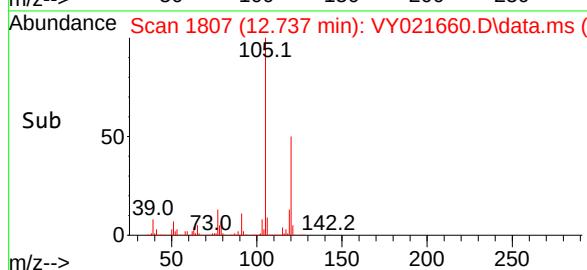
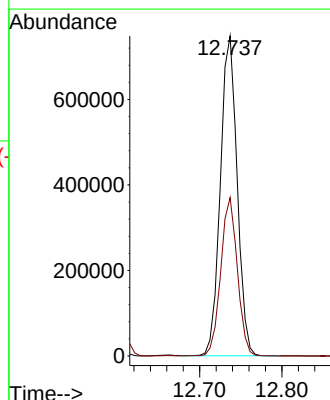
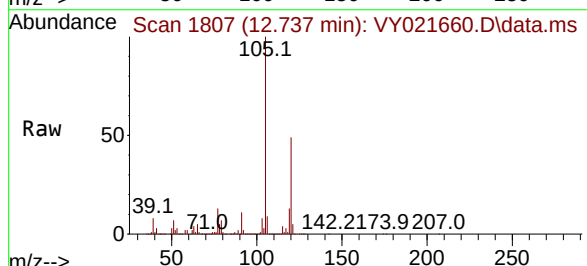
Acq: 27 Mar 2025 11:39

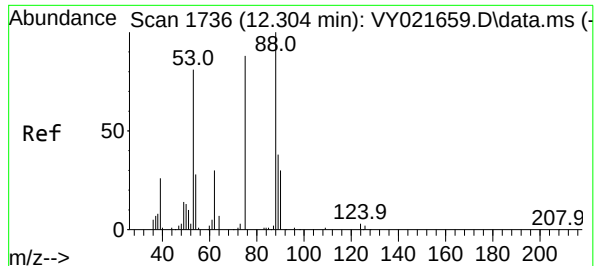
Tgt Ion:105 Resp: 1060963

Ion Ratio Lower Upper

105 100

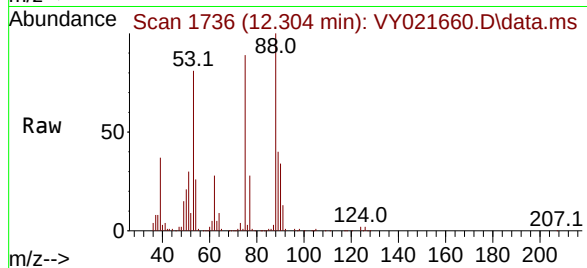
120 48.9 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 98.330 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

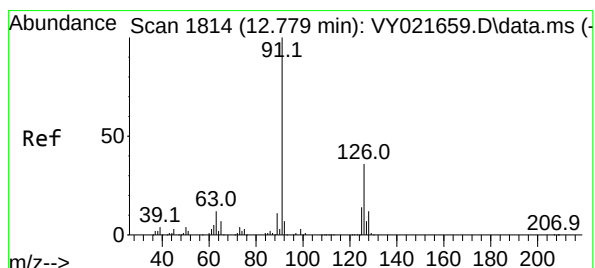
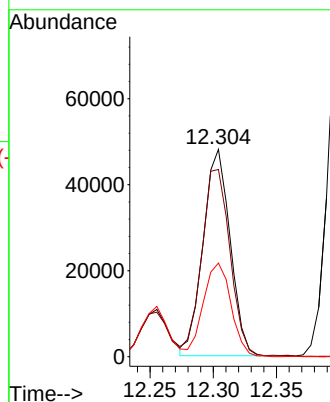
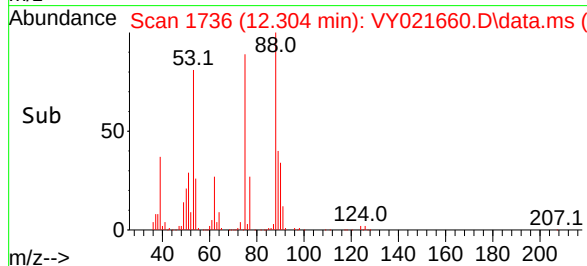
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 71448
Ion Ratio Lower Upper
75 100
53 95.8 76.1 114.1
89 46.1 36.2 54.4

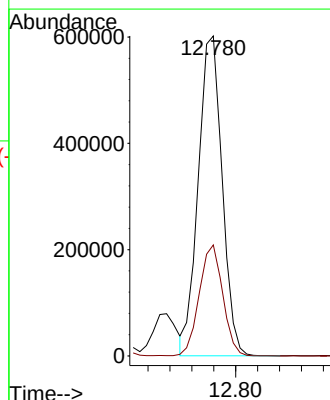
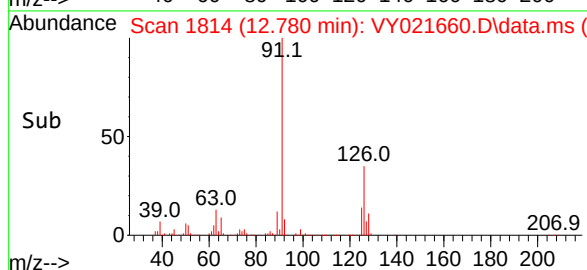
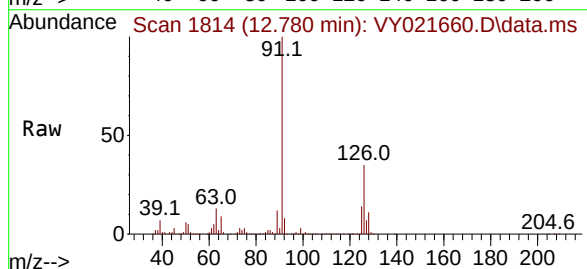
Manual Integrations
APPROVED

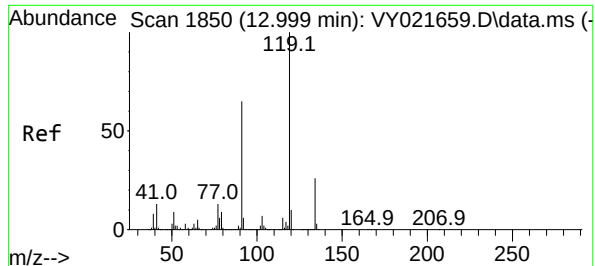
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#82
4-Chlorotoluene
Concen: 99.676 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

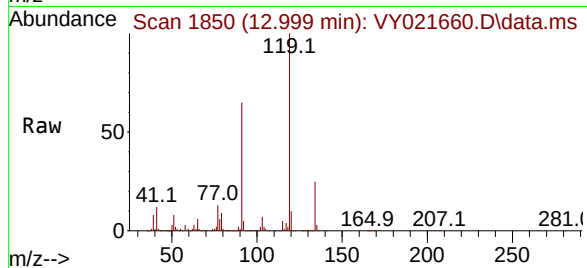
Tgt Ion: 91 Resp: 910295
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9





#83
tert-Butylbenzene
Concen: 104.762 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

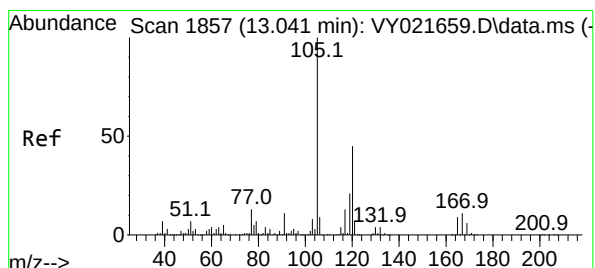
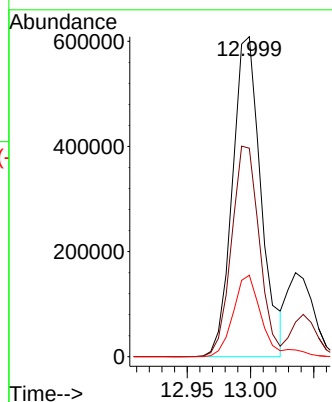
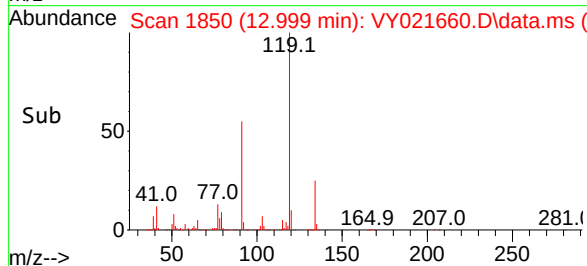
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



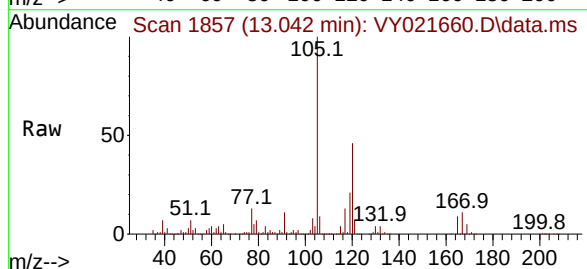
Tgt Ion:119 Resp: 956709
Ion Ratio Lower Upper
119 100
91 64.2 32.6 97.7
134 25.8 13.2 39.6

Manual Integrations
APPROVED

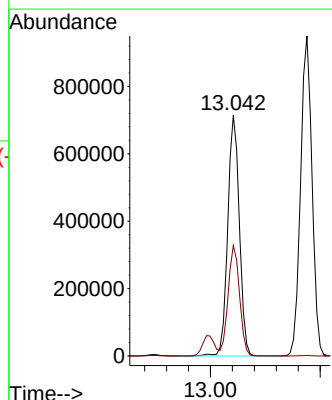
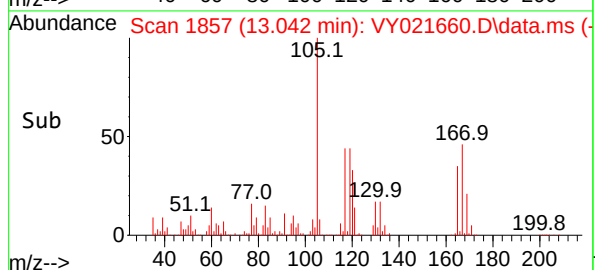
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

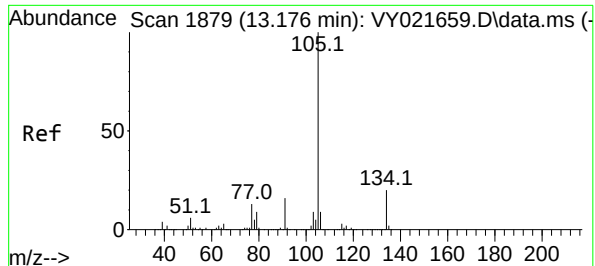


#84
1,2,4-Trimethylbenzene
Concen: 103.880 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39



Tgt Ion:105 Resp: 1052663
Ion Ratio Lower Upper
105 100
120 45.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 102.624 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 136960

Ion Ratio Lower Upper

105 100

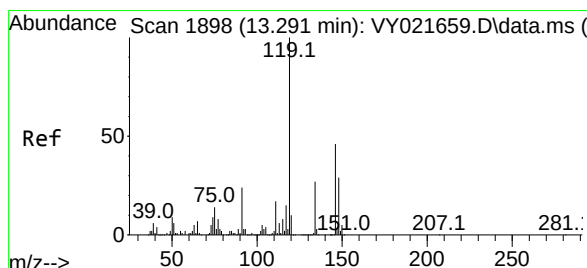
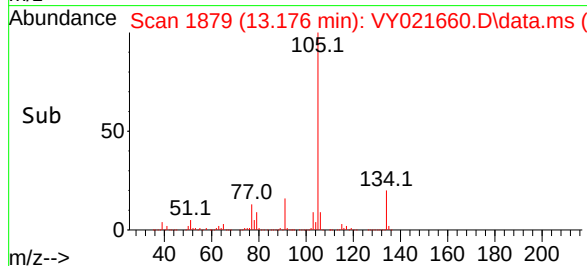
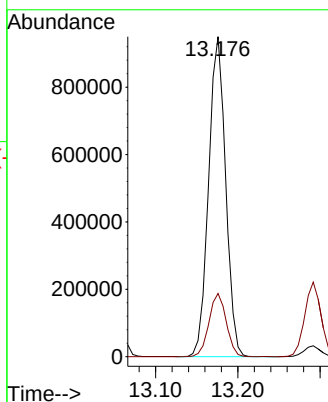
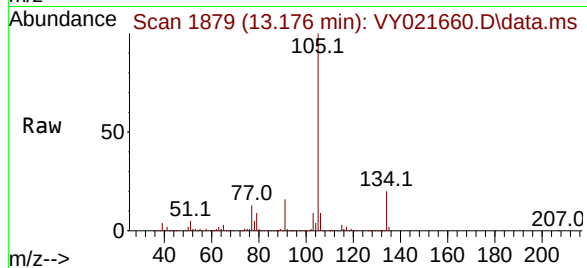
134 20.0 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#86

p-Isopropyltoluene

Concen: 105.509 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

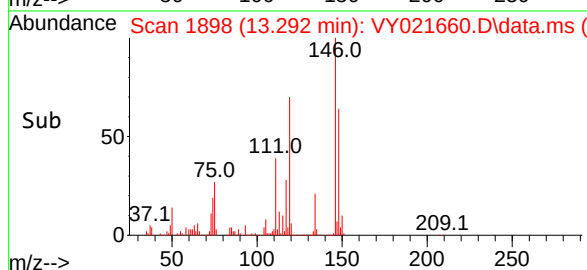
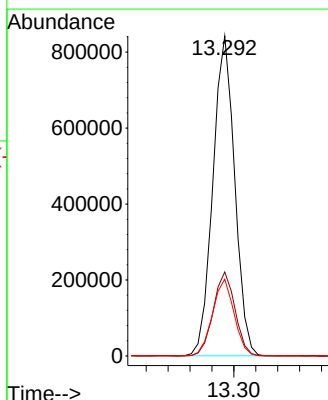
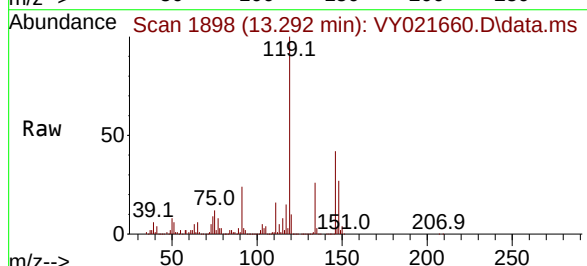
Tgt Ion:119 Resp: 1163796

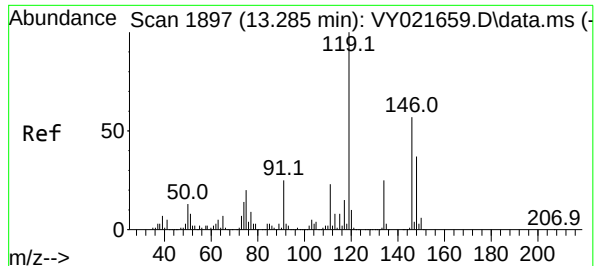
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 23.8 12.0 36.0





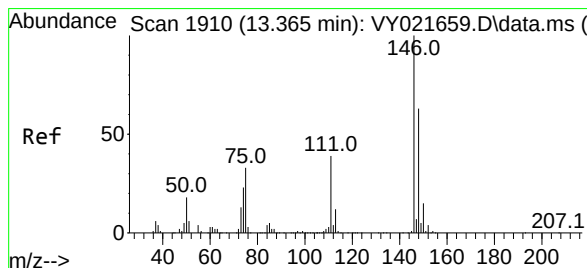
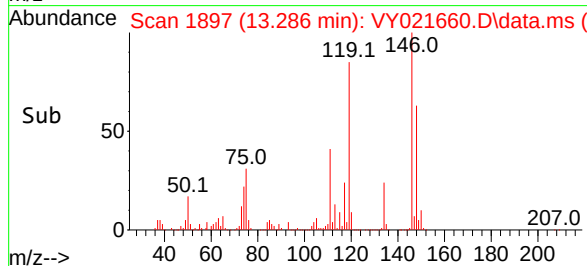
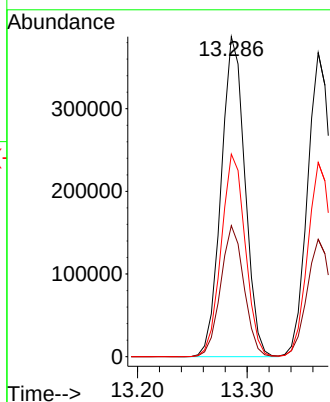
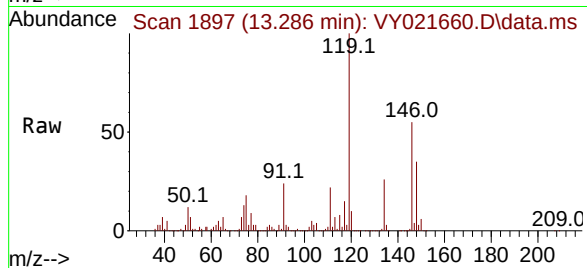
#87
1,3-Dichlorobenzene
Concen: 98.384 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 583838
Ion Ratio Lower Upper
146 100
111 40.1 20.0 60.0
148 63.9 31.8 95.4

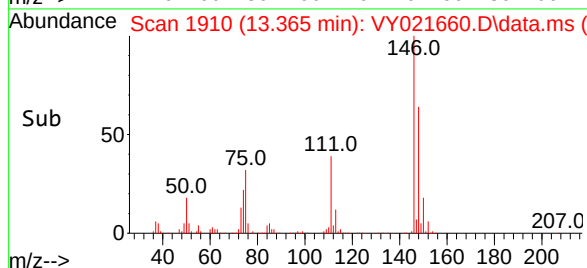
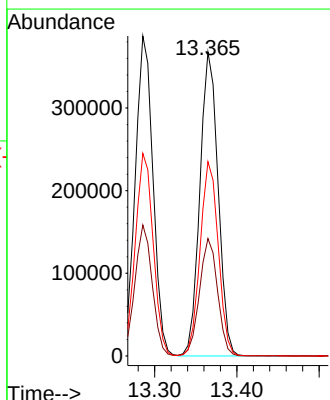
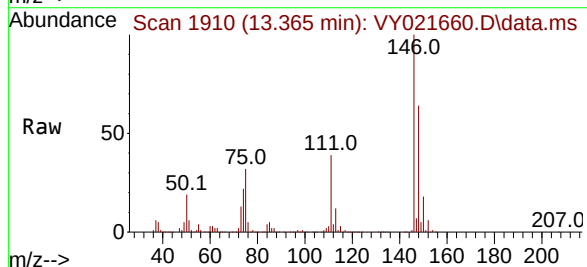
Manual Integrations
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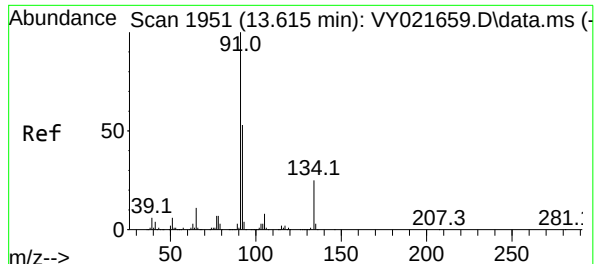
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#88
1,4-Dichlorobenzene
Concen: 96.416 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

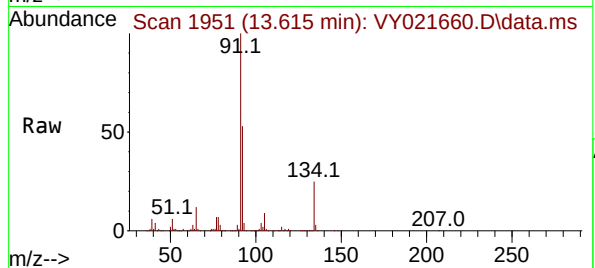
Tgt Ion:146 Resp: 565293
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 63.8 31.5 94.5





#89
n-Butylbenzene
Concen: 104.828 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

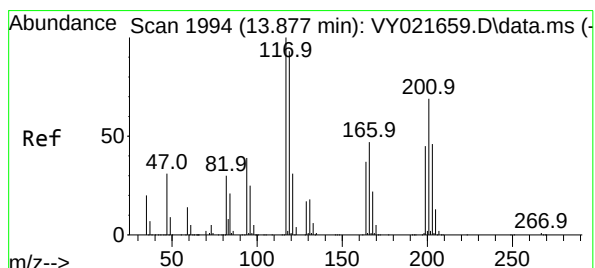
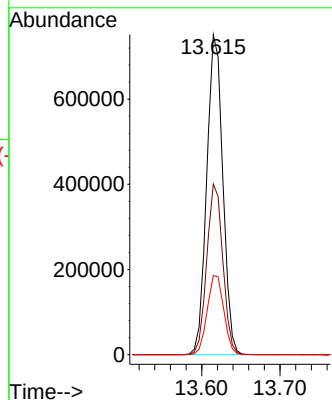
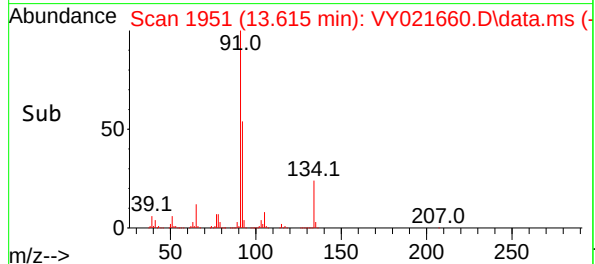
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 1069350
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 25.6 12.8 38.4

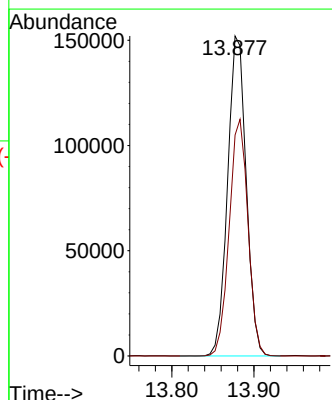
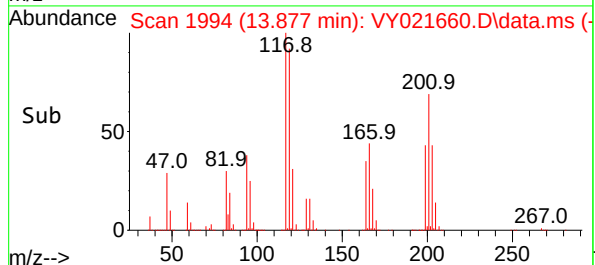
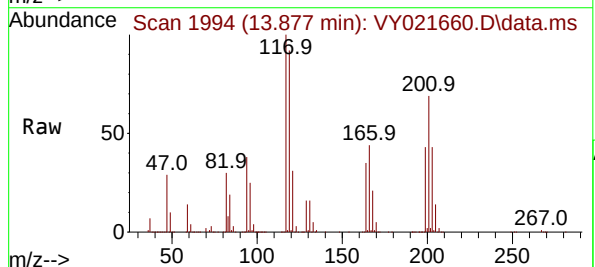
Manual Integrations
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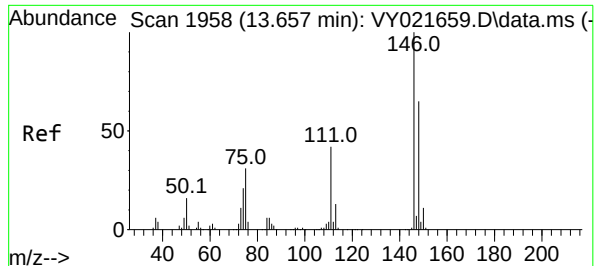
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#90
Hexachloroethane
Concen: 99.078 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion:117 Resp: 239487
Ion Ratio Lower Upper
117 100
201 74.5 37.4 112.1





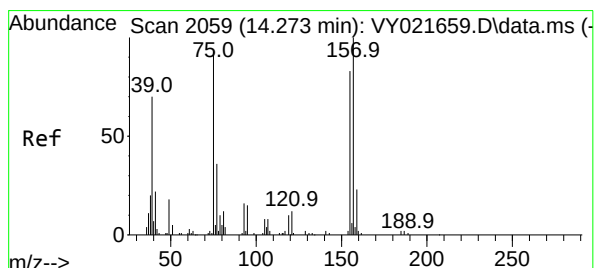
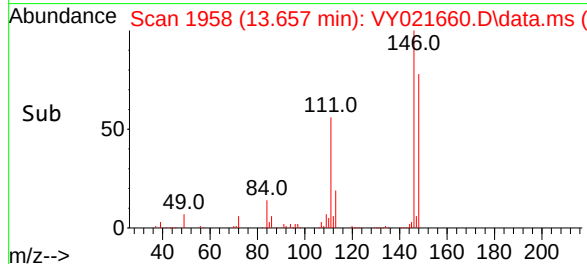
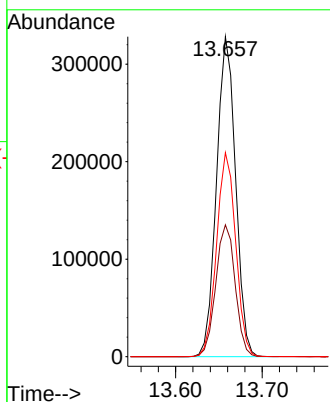
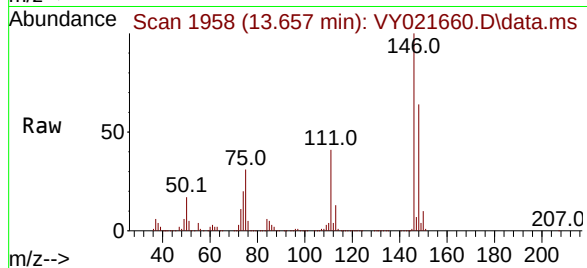
#91
1,2-Dichlorobenzene
Concen: 97.186 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 502049
Ion Ratio Lower Upper
146 100
111 42.0 20.7 62.1
148 64.0 32.3 96.9

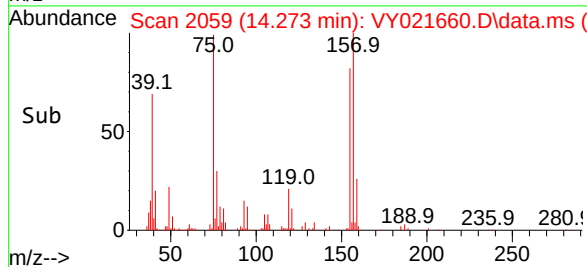
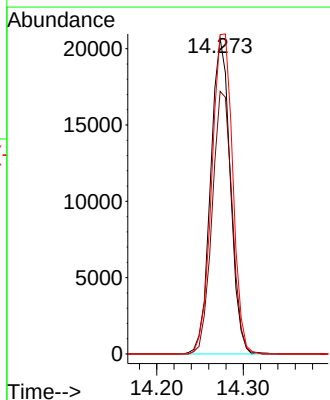
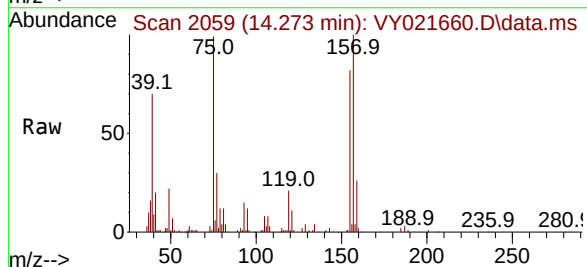
Manual Integrations
APPROVED

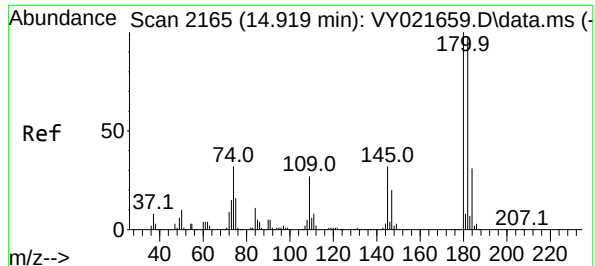
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 93.136 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

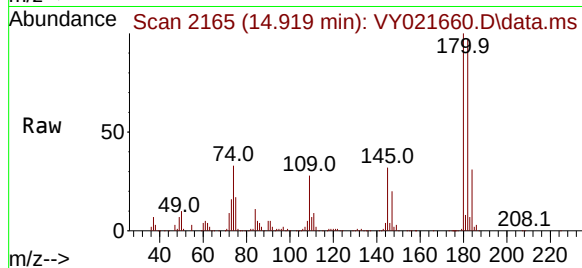
Tgt Ion: 75 Resp: 32558
Ion Ratio Lower Upper
75 100
155 84.2 43.0 128.8
157 107.9 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 104.943 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

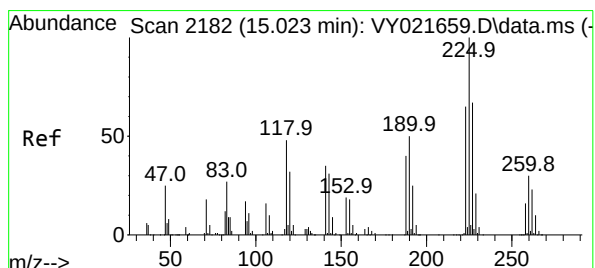
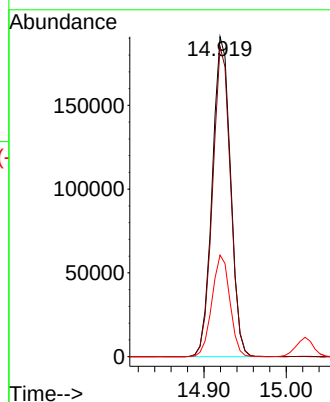
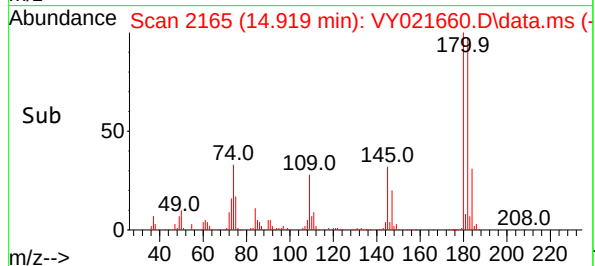
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:180 Resp: 293988
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 31.2 14.9 44.9

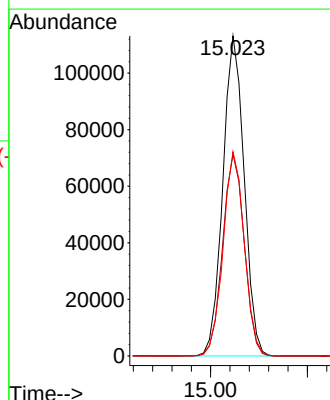
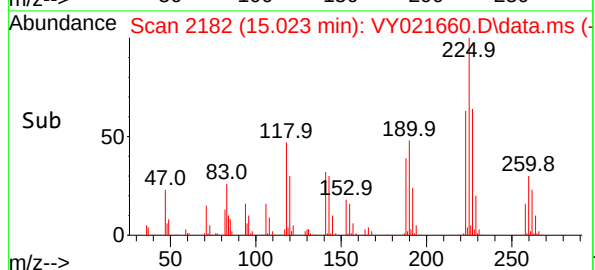
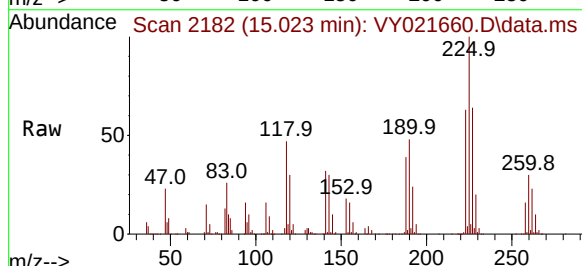
Manual Integrations
APPROVED

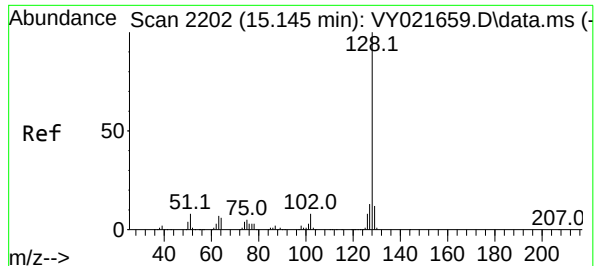
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#94
Hexachlorobutadiene
Concen: 98.829 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021660.D
Acq: 27 Mar 2025 11:39

Tgt Ion:225 Resp: 172909
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.7
227 63.5 32.4 97.0





#95

Naphthalene

Concen: 109.498 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:128 Resp: 508449

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

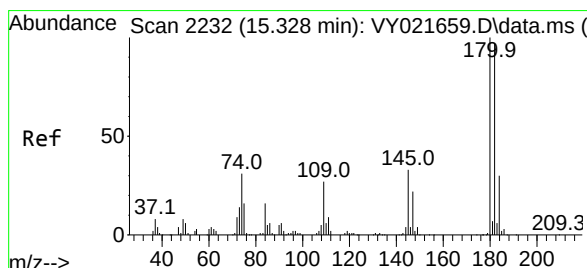
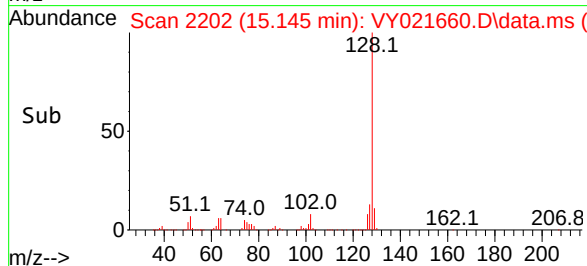
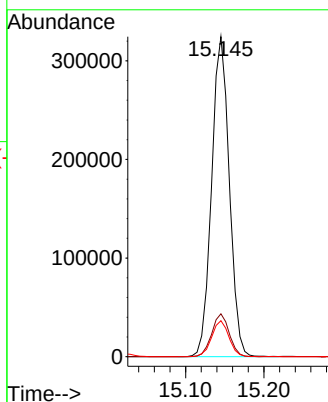
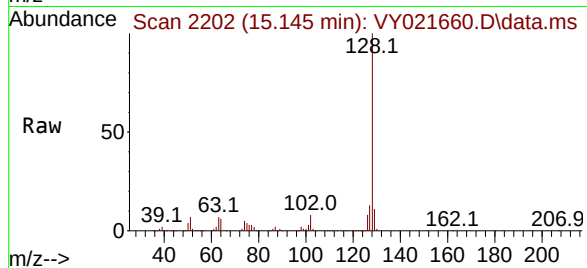
129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 104.158 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021660.D

Acq: 27 Mar 2025 11:39

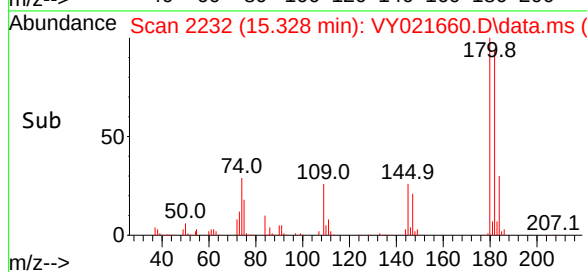
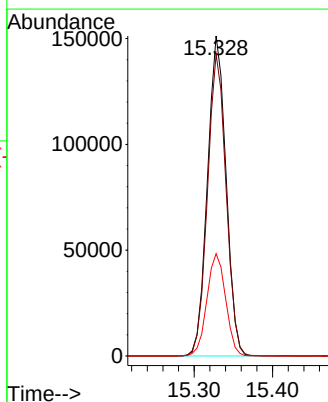
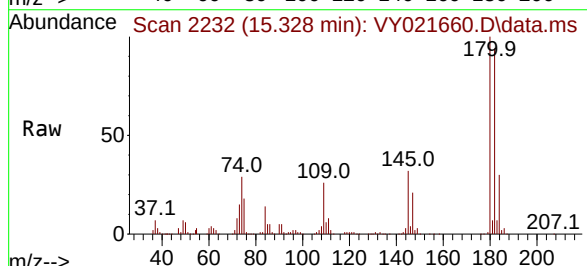
Tgt Ion:180 Resp: 248821

Ion Ratio Lower Upper

180 100

182 94.2 47.5 142.5

145 32.1 15.9 47.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021661.D
 Acq On : 27 Mar 2025 12:02
 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 :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:18:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	259676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	412304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	367282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	177289	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	404952	143.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 287.860%#	
35) Dibromofluoromethane	7.634	113	387439	144.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 289.720%#	
50) Toluene-d8	10.109	98	1485725	146.020	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 292.040%#	
62) 4-Bromofluorobenzene	12.408	95	503406	146.271	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 292.540%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.861	85	348314	129.414	ug/l	99
3) Chloromethane	2.068	50	501654	132.551	ug/l	100
4) Vinyl Chloride	2.202	62	555909	129.884	ug/l	99
5) Bromomethane	2.580	94	394188	135.035	ug/l	99
6) Chloroethane	2.727	64	370633	132.337	ug/l	98
7) Trichlorofluoromethane	3.050	101	712314	129.919	ug/l	99
8) Diethyl Ether	3.452	74	206844	138.727	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	368788	127.532	ug/l	99
10) Methyl Iodide	4.001	142	483364	152.366	ug/l	99
11) Tert butyl alcohol	4.860	59	126577	692.642	ug/l	97
12) 1,1-Dichloroethene	3.787	96	371412	136.361	ug/l	97
13) Acrolein	3.647	56	236449	708.604	ug/l	99
14) Allyl chloride	4.379	41	623865	143.656	ug/l	100
15) Acrylonitrile	5.055	53	439757	706.375	ug/l	99
16) Acetone	3.867	43	395370	686.626	ug/l	99
17) Carbon Disulfide	4.104	76	1209296	134.797	ug/l	99
18) Methyl Acetate	4.379	43	199951	140.110	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	1006156	148.374	ug/l	98
20) Methylene Chloride	4.616	84	400434	149.840	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	417906	139.351	ug/l	98
22) Diisopropyl ether	6.019	45	1325167	145.463	ug/l	98
23) Vinyl Acetate	5.958	43	3993494	749.332	ug/l	99
24) 1,1-Dichloroethane	5.915	63	753930	138.403	ug/l	100
25) 2-Butanone	6.890	43	603028	733.215	ug/l	99
26) 2,2-Dichloropropane	6.884	77	678134	139.949	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	490349	145.395	ug/l	99
28) Bromochloromethane	7.244	49	313542	136.480	ug/l	99
29) Tetrahydrofuran	7.262	42	379413	716.799	ug/l	98
30) Chloroform	7.421	83	779319	137.548	ug/l	98
31) Cyclohexane	7.701	56	637533	128.388	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	696016	135.918	ug/l	99
36) 1,1-Dichloropropene	7.835	75	556974	136.722	ug/l	99
37) Ethyl Acetate	6.982	43	259188	134.812	ug/l	100
38) Carbon Tetrachloride	7.817	117	627331	134.452	ug/l	98
39) Methylcyclohexane	9.110	83	679694	139.666	ug/l	99
40) Benzene	8.079	78	1695962	139.014	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021661.D
 Acq On : 27 Mar 2025 12:02
 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 :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:18:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	143387	140.447	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	468317	136.165	ug/l	100
43) Isopropyl Acetate	8.195	43	527316	144.731	ug/l #	87
44) Trichloroethene	8.866	130	430629	138.536	ug/l	99
45) 1,2-Dichloropropane	9.140	63	401955	139.191	ug/l	99
46) Dibromomethane	9.231	93	228287	137.167	ug/l	98
47) Bromodichloromethane	9.420	83	598421	138.764	ug/l	98
48) Methyl methacrylate	9.219	41	251339	150.306	ug/l	99
49) 1,4-Dioxane	9.225	88	53338	2991.658	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	1397678	737.160	ug/l	100
52) Toluene	10.170	92	1094229	143.758	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	570388	148.908	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	660476	146.159	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	296412	138.396	ug/l	99
56) Ethyl methacrylate	10.439	69	443517	162.176	ug/l	98
57) 1,3-Dichloropropane	10.719	76	517706	139.961	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	1061779	795.867	ug/l	100
59) 2-Hexanone	10.762	43	955051	756.341	ug/l	99
60) Dibromochloromethane	10.908	129	417230	142.682	ug/l	99
61) 1,2-Dibromoethane	11.018	107	283453	141.082	ug/l	98
64) Tetrachloroethene	10.646	164	421368	125.966	ug/l	98
65) Chlorobenzene	11.444	112	1182770	140.483	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	420924	140.910	ug/l	100
67) Ethyl Benzene	11.518	91	2131884	147.665	ug/l	100
68) m/p-Xylenes	11.627	106	1610305	291.277	ug/l	100
69) o-Xylene	11.957	106	764721	149.852	ug/l	98
70) Styrene	11.969	104	1300778	152.877	ug/l	99
71) Bromoform	12.133	173	244045	143.224	ug/l #	99
73) Isopropylbenzene	12.255	105	1969094	149.537	ug/l	99
74) N-amyl acetate	12.072	43	498903	161.437	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	335483	141.706	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	249855m	142.174	ug/l	
77) Bromobenzene	12.530	156	461221	145.881	ug/l	99
78) n-propylbenzene	12.597	91	2344286	148.082	ug/l	100
79) 2-Chlorotoluene	12.682	91	1343328	146.095	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1607812	149.397	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	119086	156.137	ug/l	99
82) 4-Chlorotoluene	12.780	91	1386233	144.608	ug/l	100
83) tert-Butylbenzene	12.999	119	1444053	150.647	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1616812	152.003	ug/l	100
85) sec-Butylbenzene	13.176	105	2052157	146.493	ug/l	99
86) p-Isopropyltoluene	13.292	119	1769866	152.863	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	898070	144.177	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	864599	140.489	ug/l	99
89) n-Butylbenzene	13.615	91	1609064	150.273	ug/l	99
90) Hexachloroethane	13.883	117	363244	143.167	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	779021	143.668	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	54066	147.345	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	472845	160.803	ug/l	99
94) Hexachlorobutadiene	15.023	225	261678	142.491	ug/l	98
95) Naphthalene	15.145	128	859499	176.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	400315	159.646	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021661.D
Acq On : 27 Mar 2025 12:02
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 :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:18:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:08:57 2025
Response via : Initial Calibration

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

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

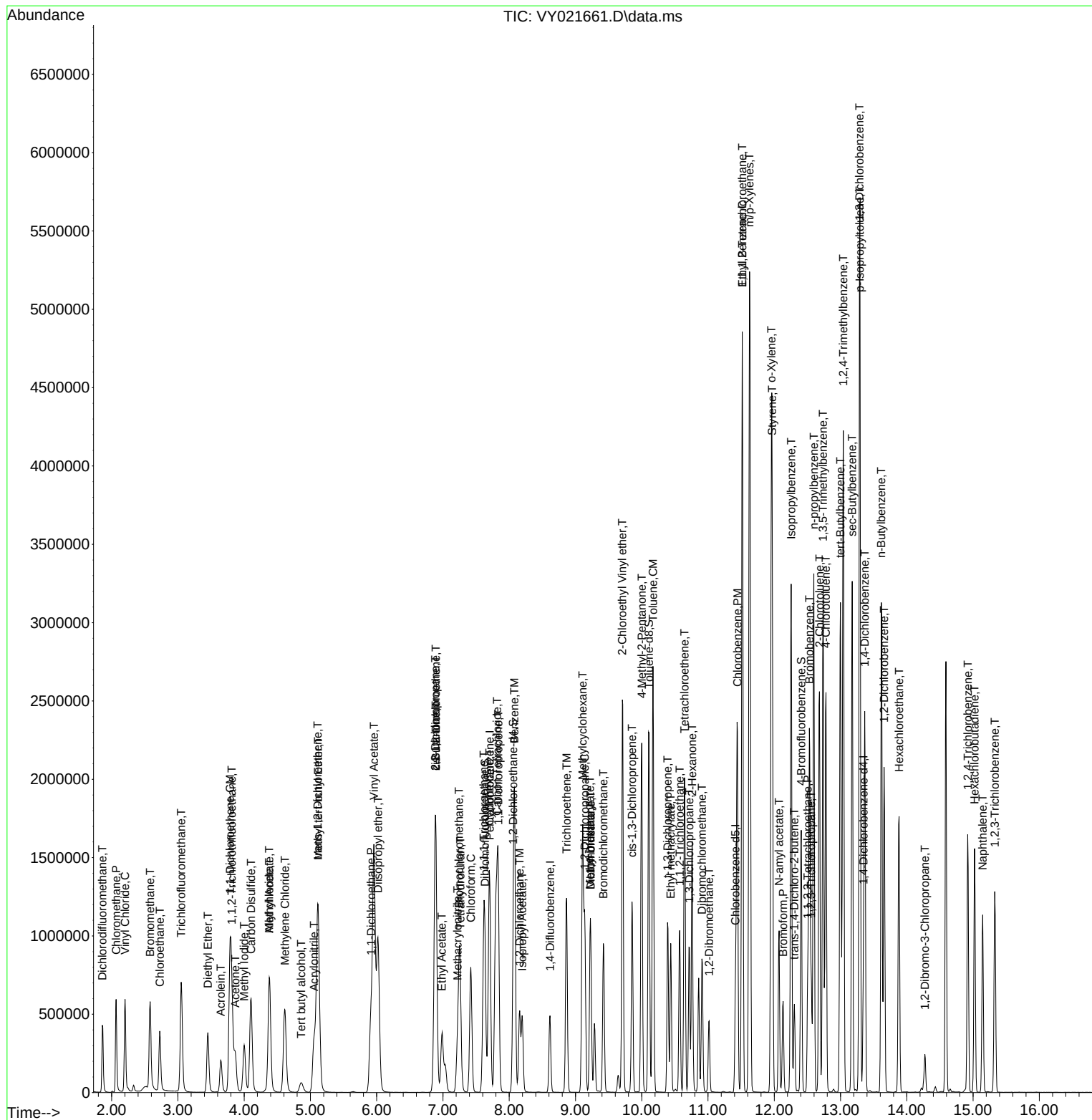
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 Data File : VY021661.D
 Acq On : 27 Mar 2025 12:02
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

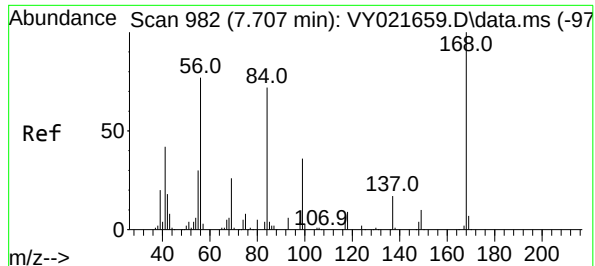
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 28 02:18:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025





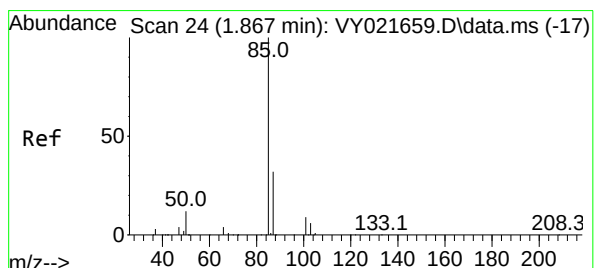
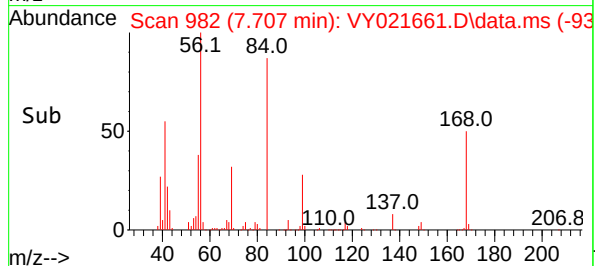
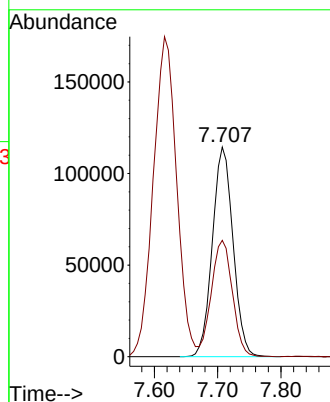
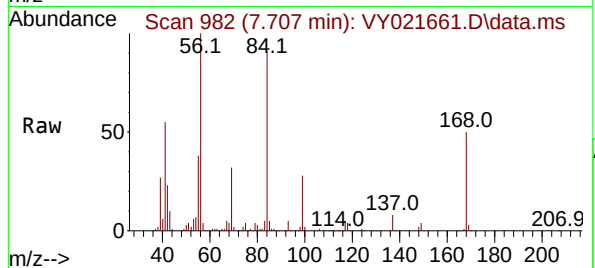
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 259670
Ion Ratio Lower Upper
168 100
99 55.5 46.7 70.1

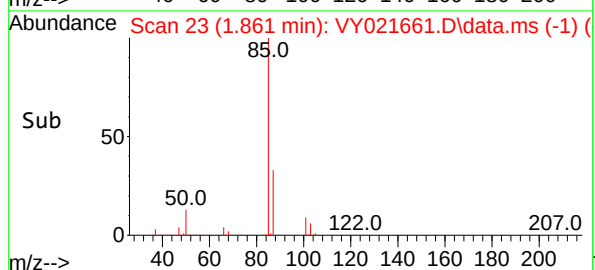
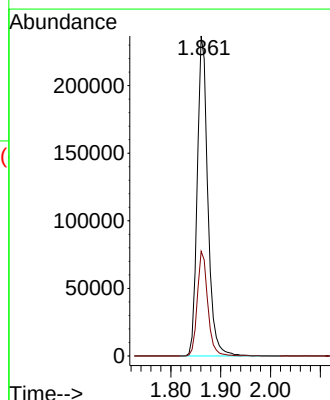
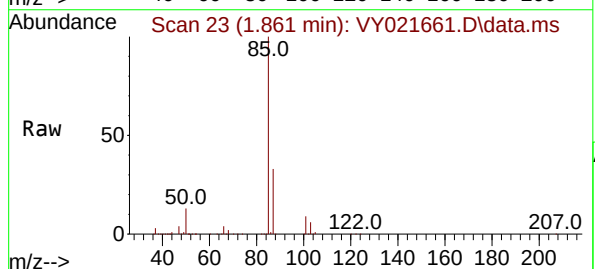
Manual Integrations
APPROVED

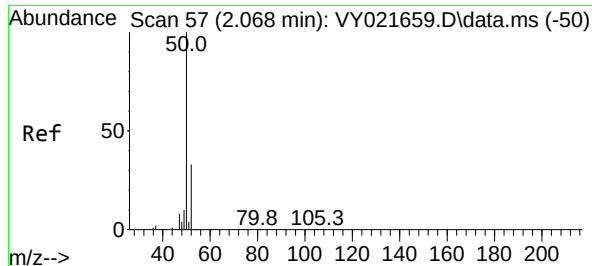
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#2
Dichlorodifluoromethane
Concen: 129.414 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 85 Resp: 348314
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6





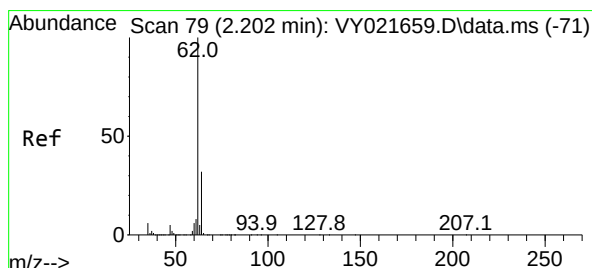
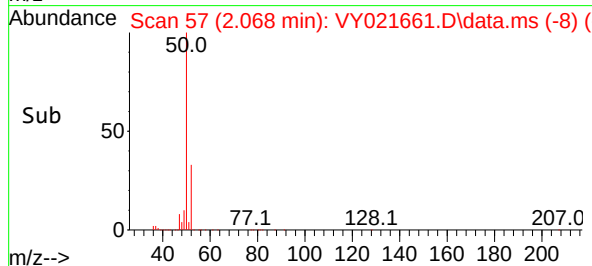
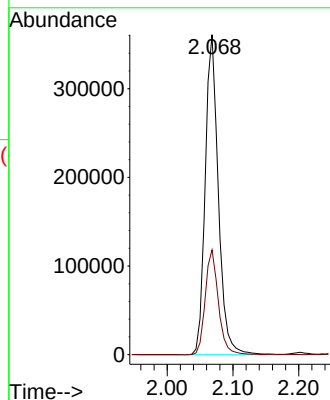
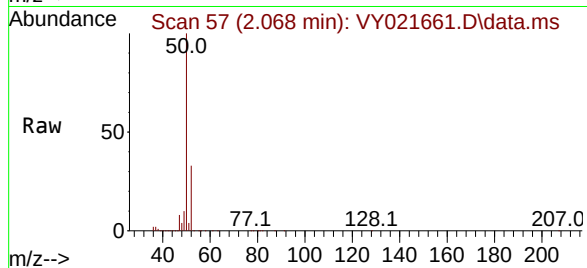
#3
Chloromethane
Concen: 132.551 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 501654
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5

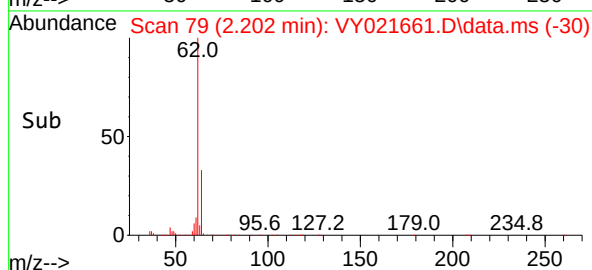
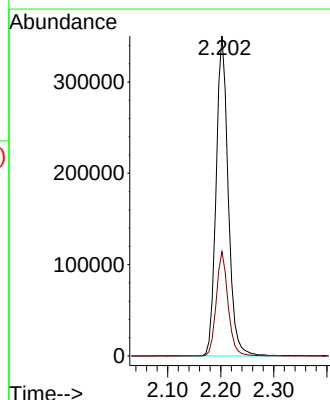
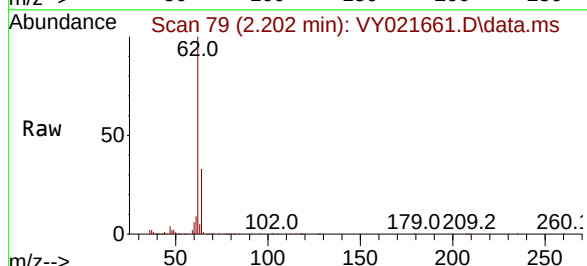
Manual Integrations
APPROVED

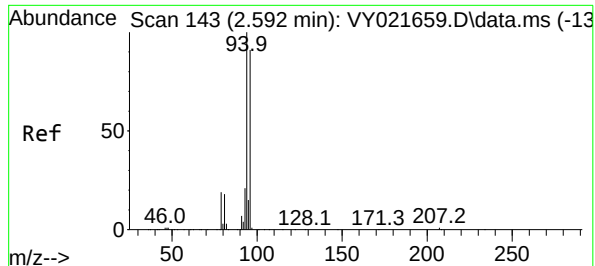
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#4
Vinyl Chloride
Concen: 129.884 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

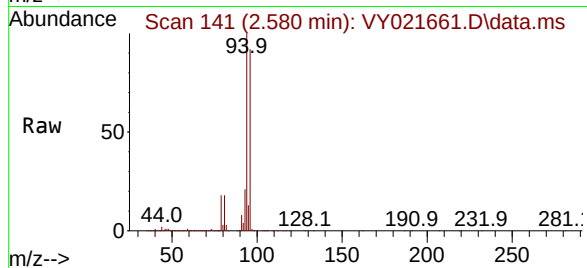
Tgt Ion: 62 Resp: 555909
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3





#5
Bromomethane
Concen: 135.035 ug/l
RT: 2.580 min Scan# 143
Delta R.T. -0.012 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

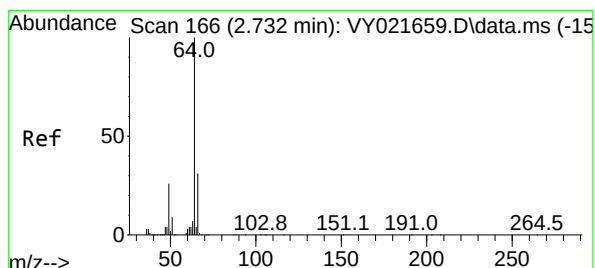
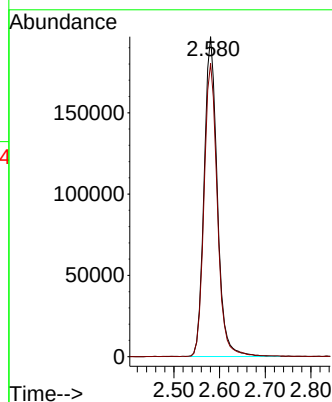
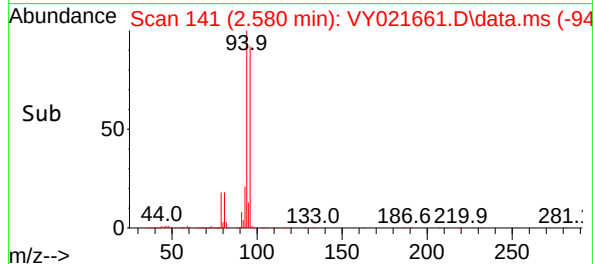
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 394188
Ion Ratio Lower Upper
94 100
96 91.6 72.8 109.2

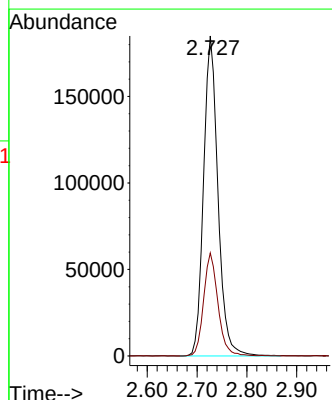
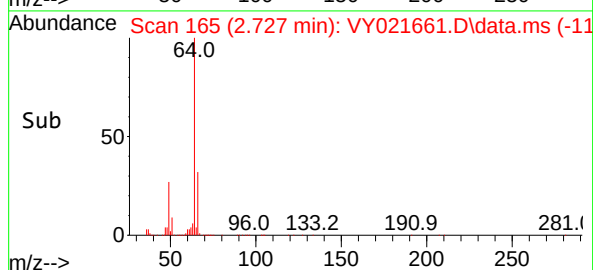
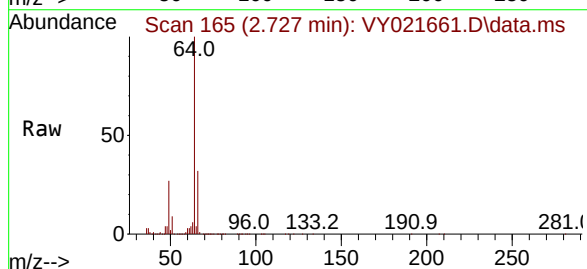
Manual Integrations
APPROVED

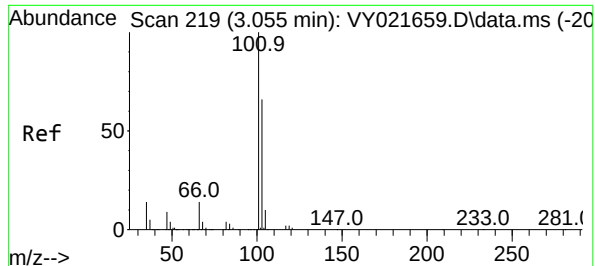
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#6
Chloroethane
Concen: 132.337 ug/l
RT: 2.727 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

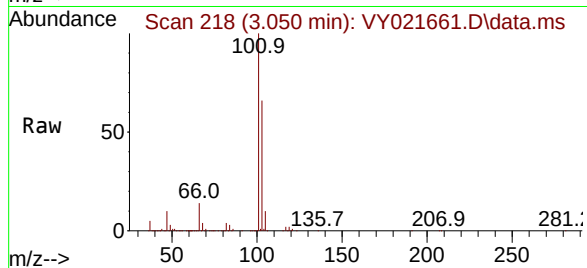
Tgt Ion: 64 Resp: 370633
Ion Ratio Lower Upper
64 100
66 32.2 24.9 37.3





#7
Trichlorofluoromethane
Concen: 129.919 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

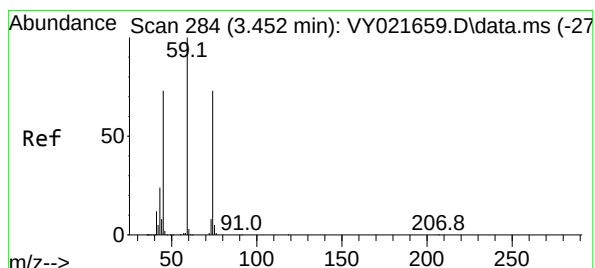
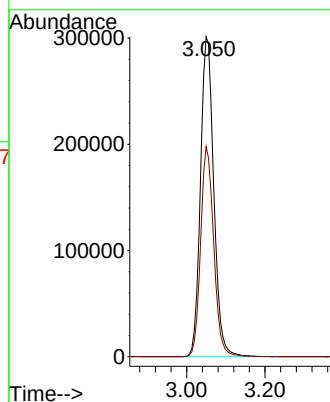
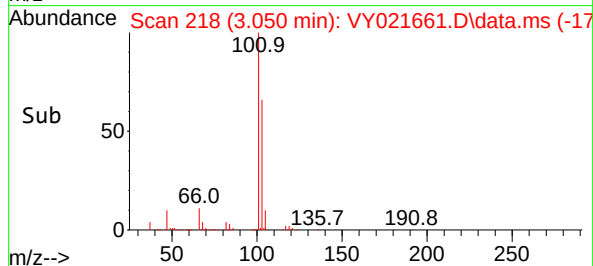
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 712314
Ion Ratio Lower Upper
101 100
103 65.6 53.1 79.7

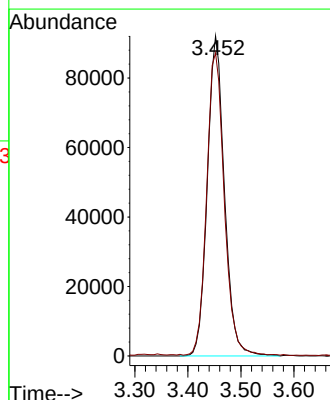
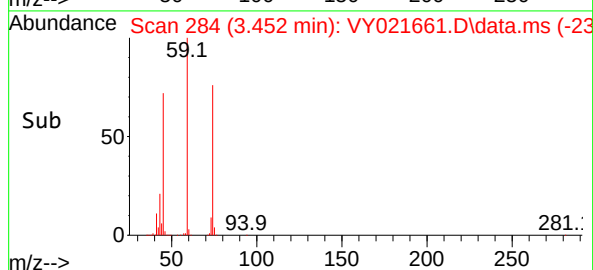
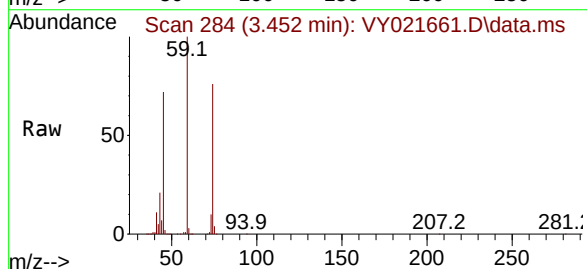
Manual Integrations
APPROVED

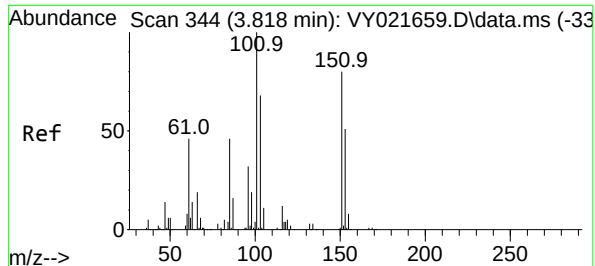
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#8
Diethyl Ether
Concen: 138.727 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 74 Resp: 206844
Ion Ratio Lower Upper
74 100
45 96.9 48.6 145.8





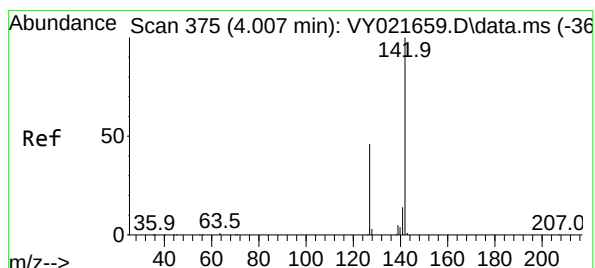
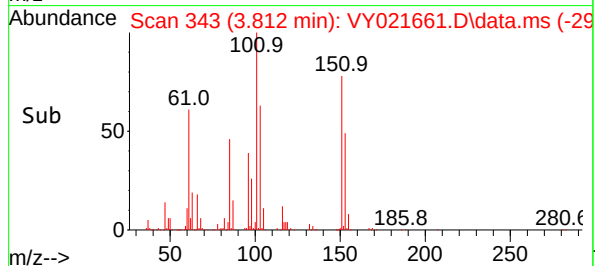
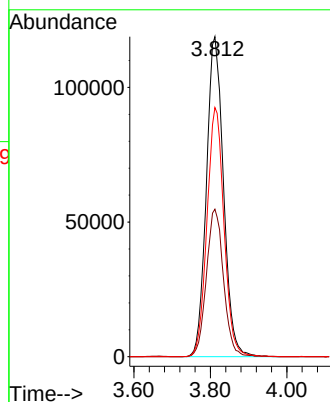
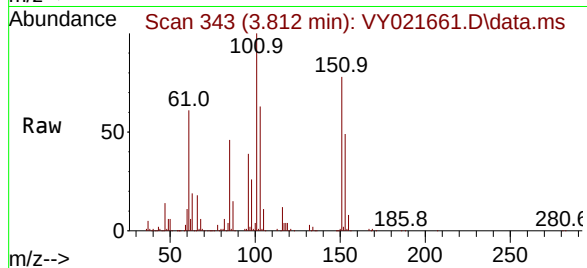
#9
1,1,2-Trichlorotrifluoroethane
Concen: 127.532 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 36878
Ion Ratio Lower Upper
101 100
85 46.2 36.3 54.5
151 77.5 61.3 91.9

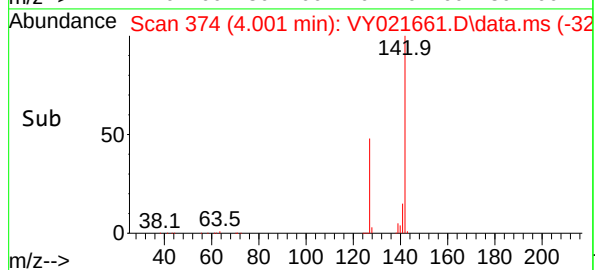
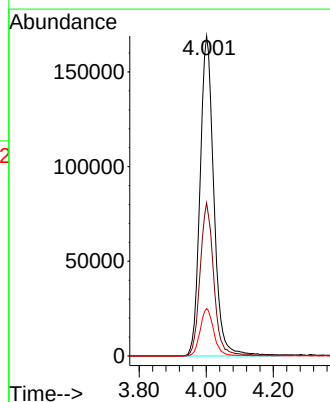
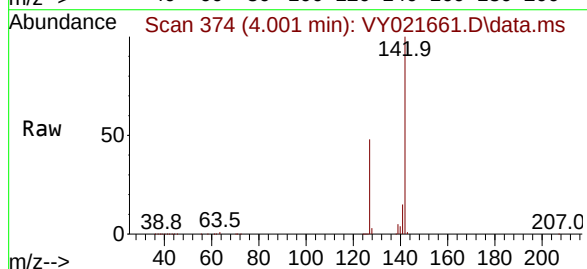
Manual Integrations
APPROVED

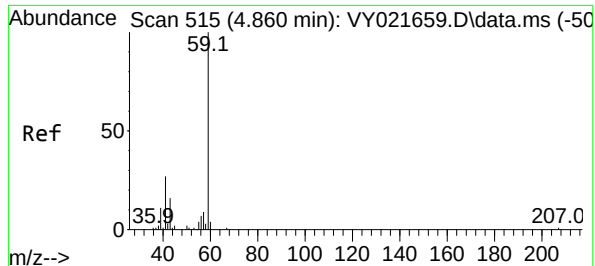
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 152.366 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion:142 Resp: 483364
Ion Ratio Lower Upper
142 100
127 47.4 38.7 58.1
141 14.5 11.5 17.3





#11

Tert butyl alcohol

Concen: 692.642 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 12657

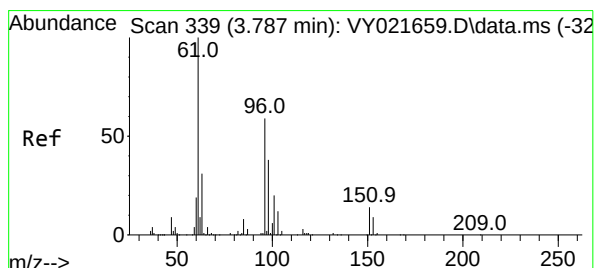
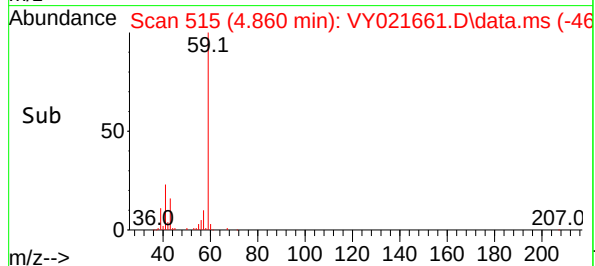
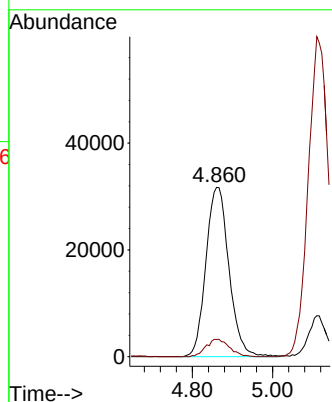
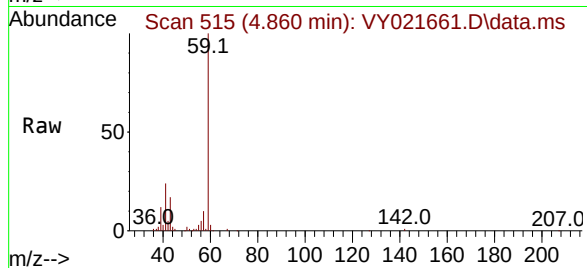
Ion Ratio Lower Upper

59 100

57 10.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#12

1,1-Dichloroethene

Concen: 136.361 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

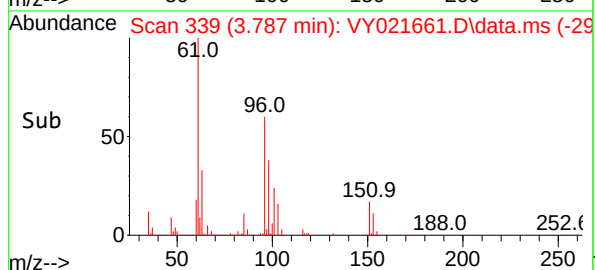
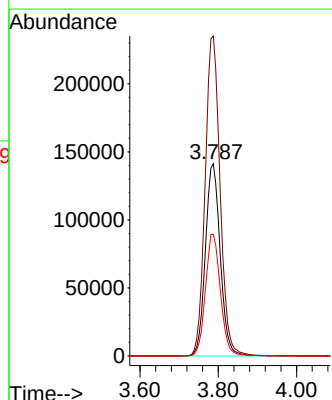
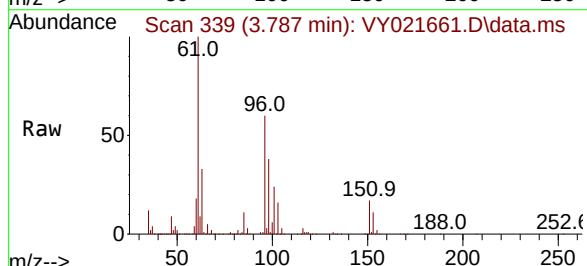
Tgt Ion: 96 Resp: 371412

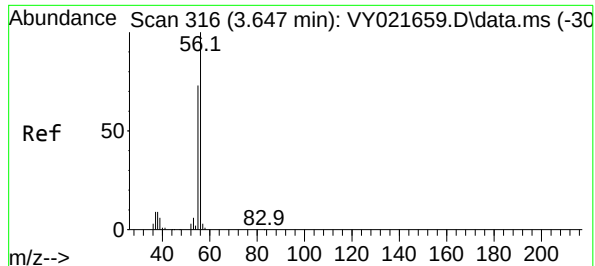
Ion Ratio Lower Upper

96 100

61 166.5 136.6 204.8

98 63.3 52.3 78.5





#13

Acrolein

Concen: 708.604 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 236449

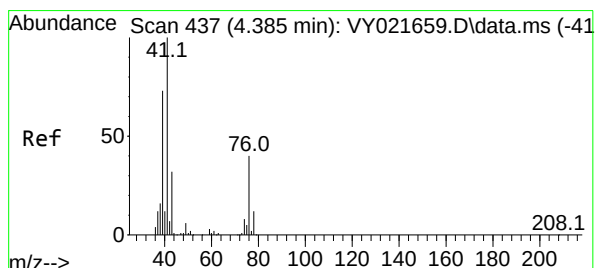
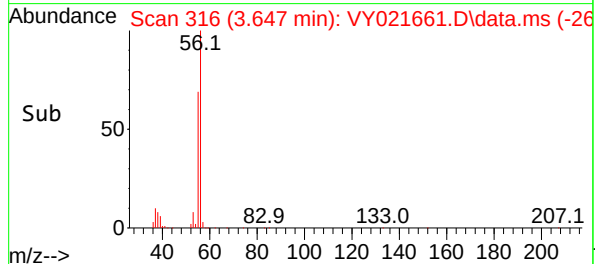
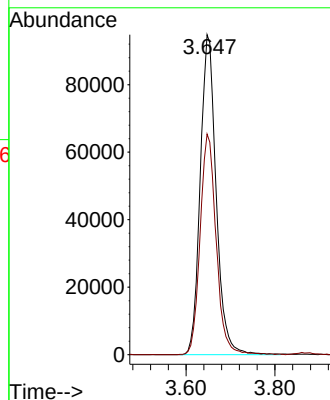
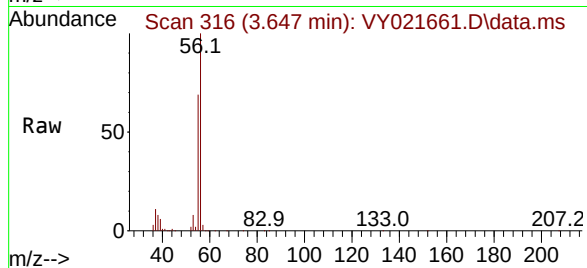
Ion Ratio Lower Upper

56 100

55 69.6 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#14

Allyl chloride

Concen: 143.656 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

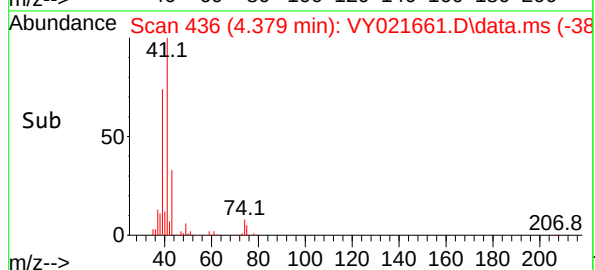
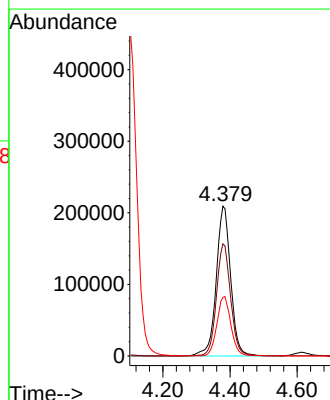
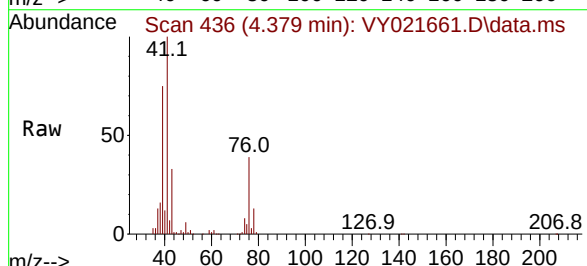
Tgt Ion: 41 Resp: 623865

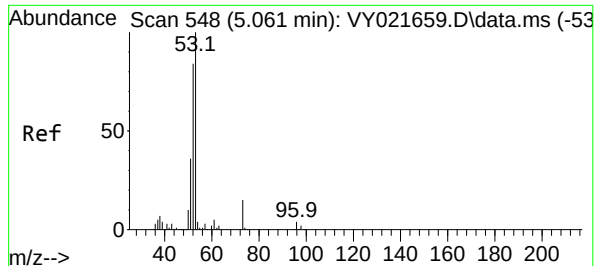
Ion Ratio Lower Upper

41 100

39 73.5 58.6 88.0

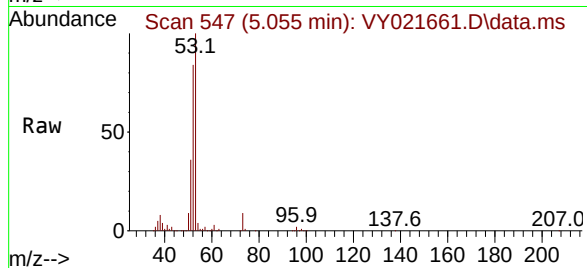
76 38.2 30.3 45.5





#15
Acrylonitrile
Concen: 706.375 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

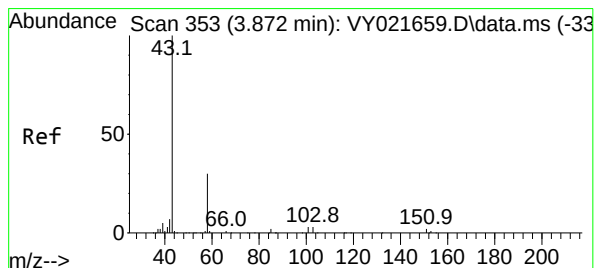
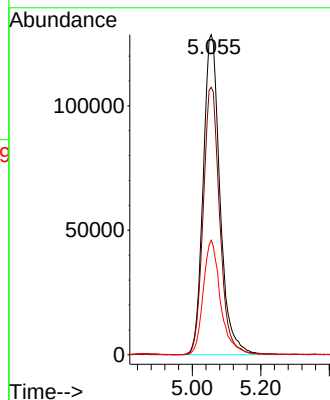
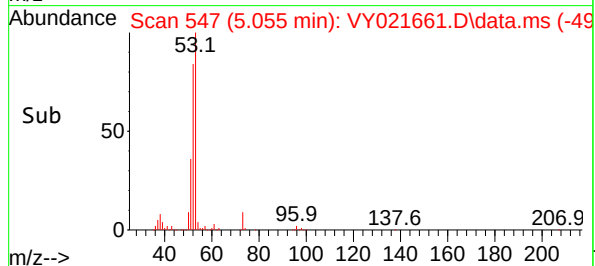
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 43975
Ion Ratio Lower Upper
53 100
52 82.0 64.9 97.3
51 37.0 30.2 45.2

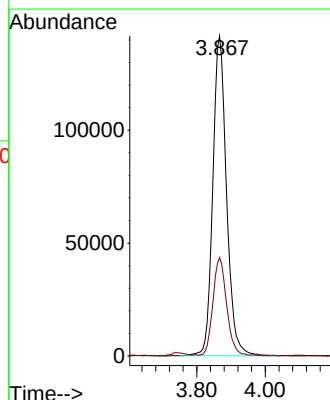
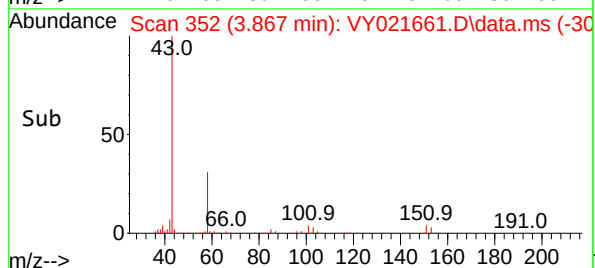
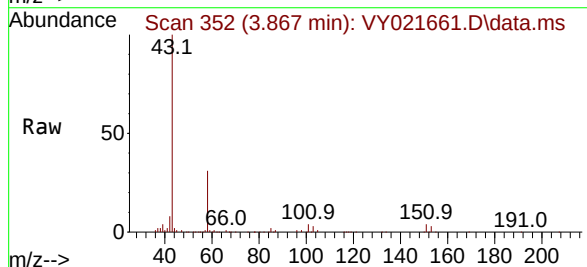
Manual Integrations
APPROVED

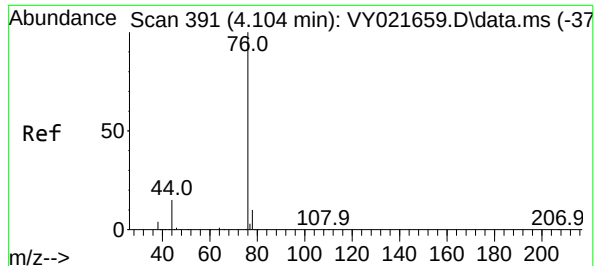
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16
Acetone
Concen: 686.626 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 43 Resp: 395370
Ion Ratio Lower Upper
43 100
58 30.7 24.2 36.4





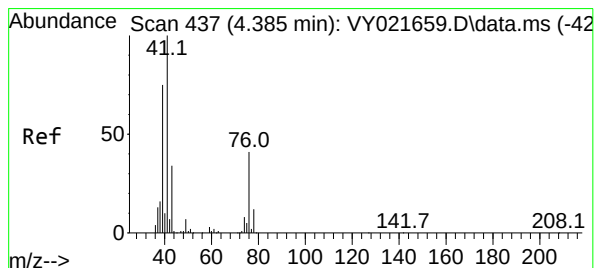
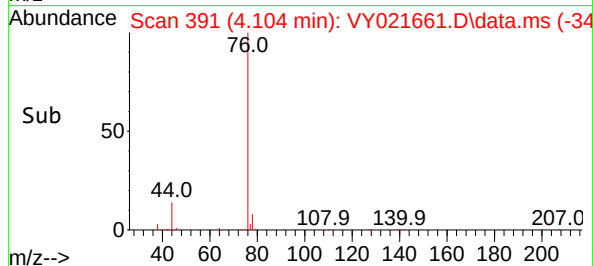
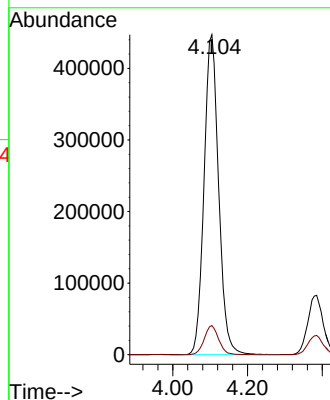
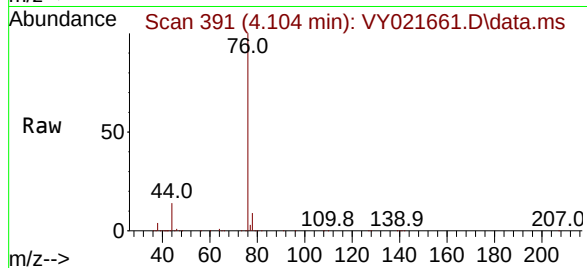
#17
Carbon Disulfide
Concen: 134.797 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 1209290
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

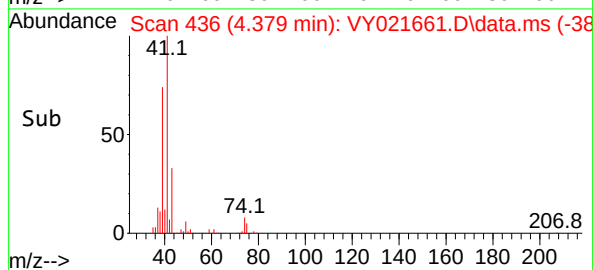
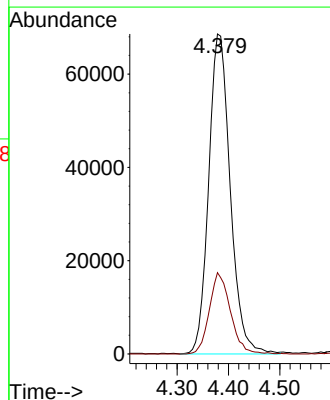
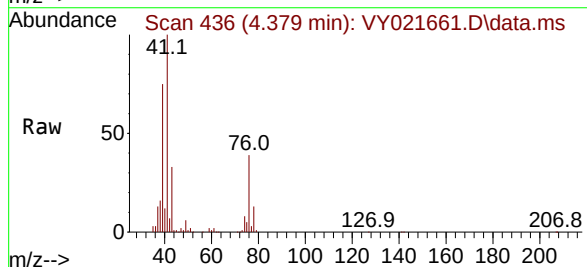
Manual Integrations
APPROVED

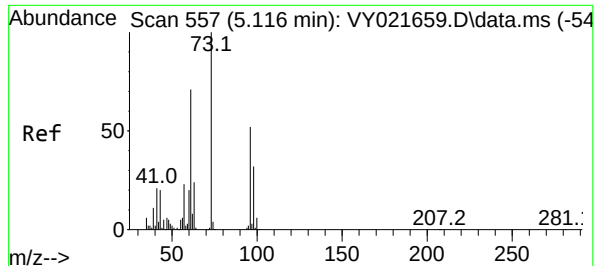
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#18
Methyl Acetate
Concen: 140.110 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 43 Resp: 199951
Ion Ratio Lower Upper
43 100
74 24.8 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 148.374 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 73 Resp: 100615

Ion Ratio Lower Upper

73 100

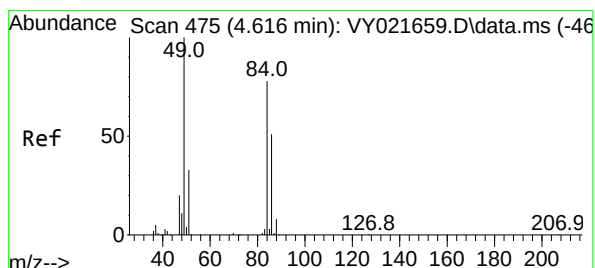
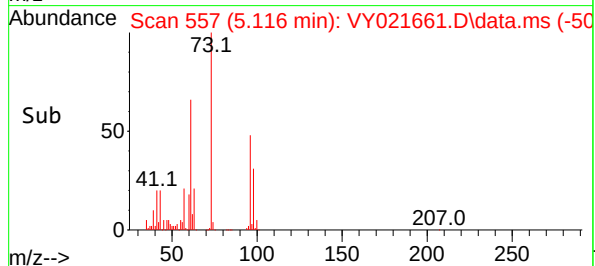
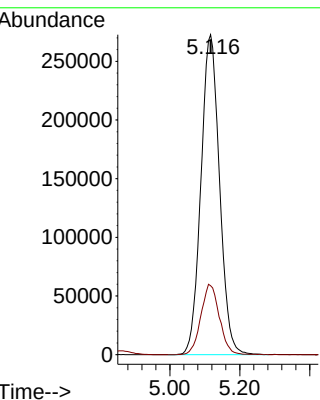
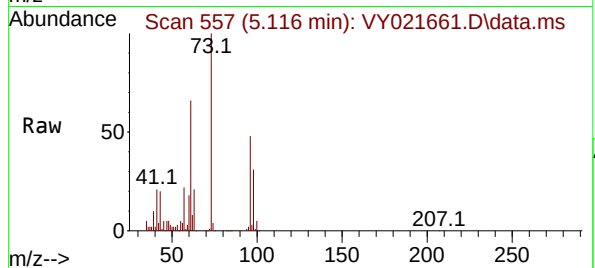
57 21.6 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#20

Methylene Chloride

Concen: 149.840 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Tgt Ion: 84 Resp: 400434

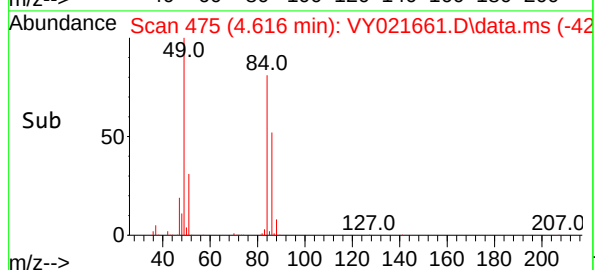
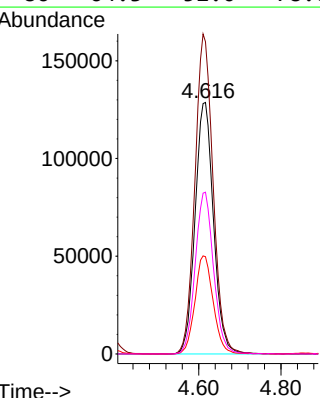
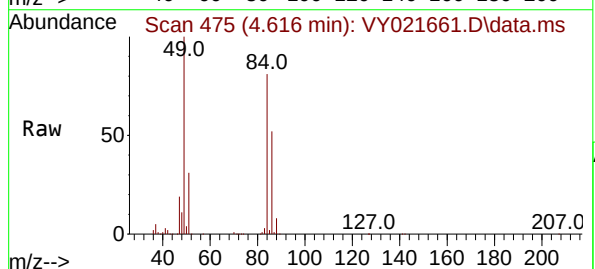
Ion Ratio Lower Upper

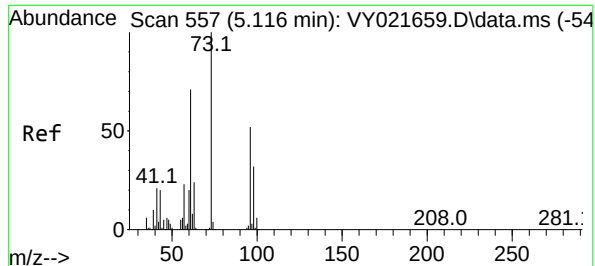
84 100

49 124.1 102.8 154.2

51 38.6 33.5 50.3

86 64.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 139.351 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 417900

Ion Ratio Lower Upper

96 100

61 137.8 109.4 164.0

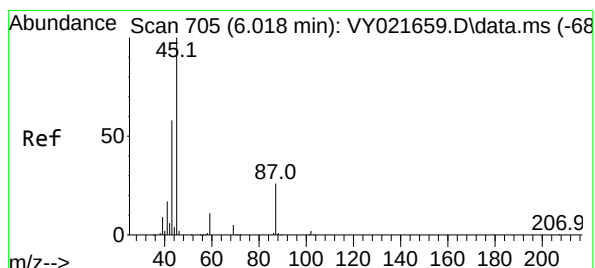
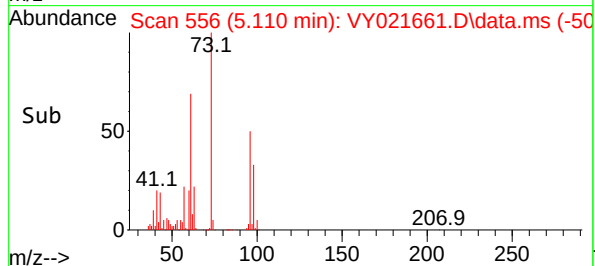
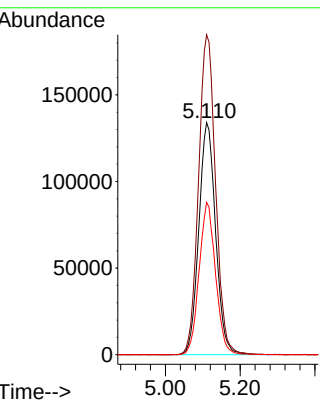
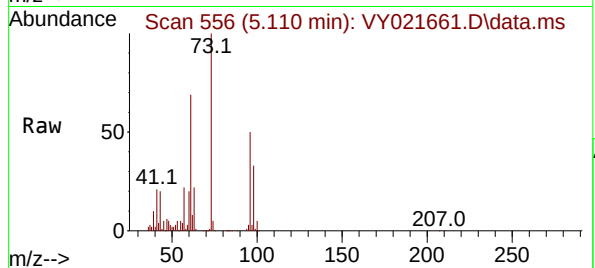
98 65.6 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#22

Diisopropyl ether

Concen: 145.463 ug/l

RT: 6.019 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Tgt Ion: 45 Resp: 1325167

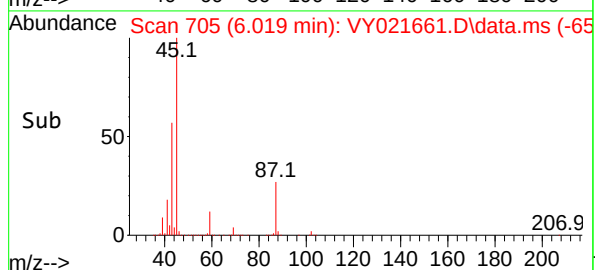
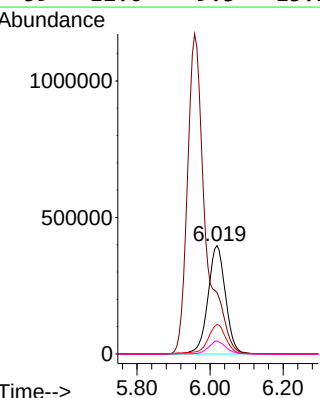
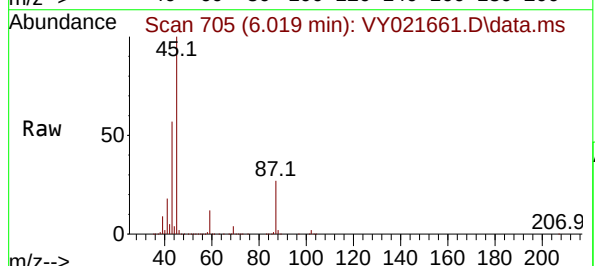
Ion Ratio Lower Upper

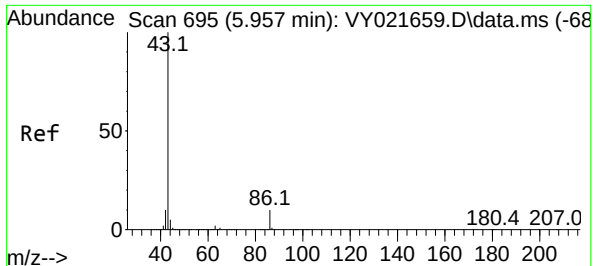
45 100

43 56.7 46.6 69.8

87 27.2 20.7 31.1

59 12.0 9.3 13.9





#23

Vinyl Acetate

Concen: 749.332 ug/l

RT: 5.958 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 3993494

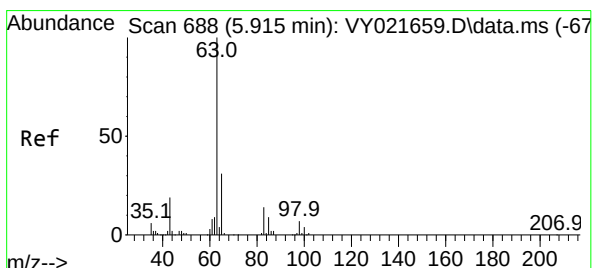
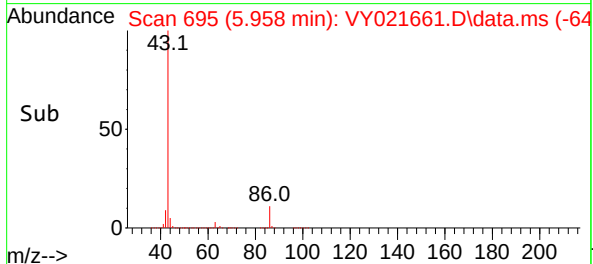
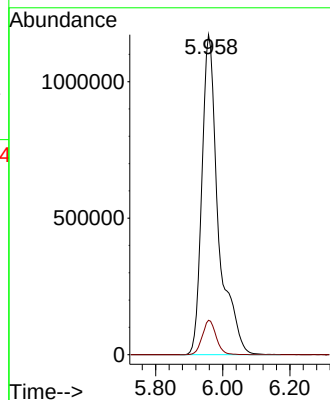
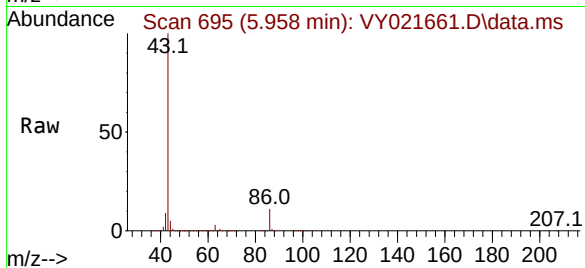
Ion Ratio Lower Upper

43 100

86 10.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#24

1,1-Dichloroethane

Concen: 138.403 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

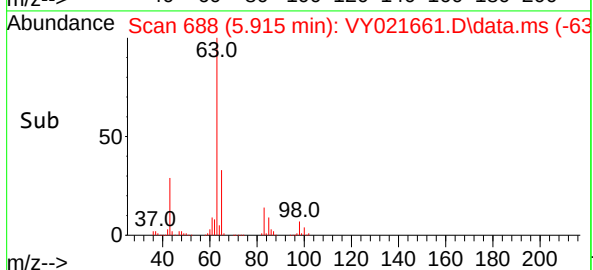
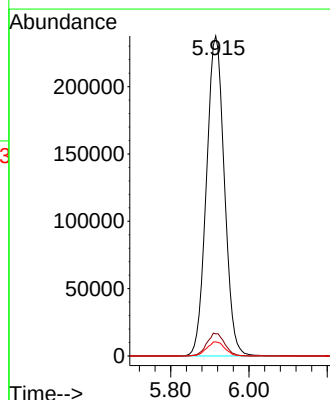
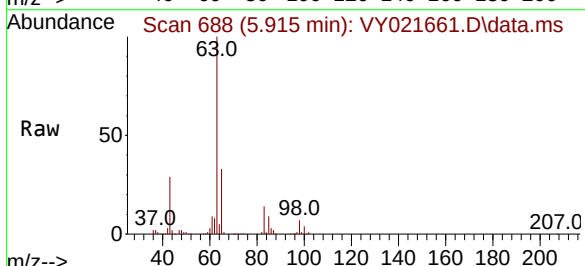
Tgt Ion: 63 Resp: 753930

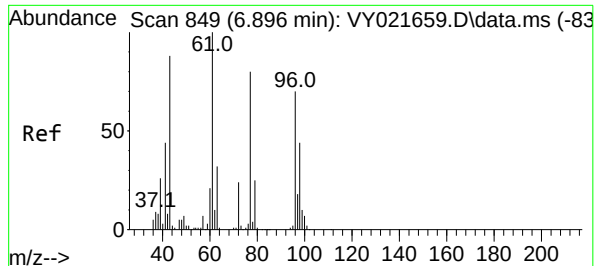
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 733.215 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 603028

Ion Ratio Lower Upper

43 100

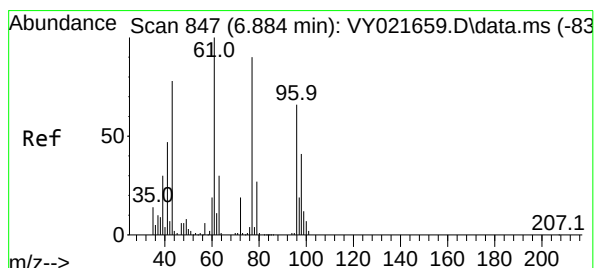
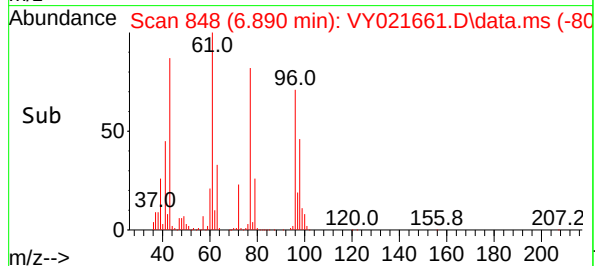
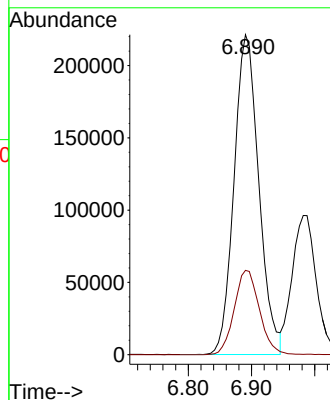
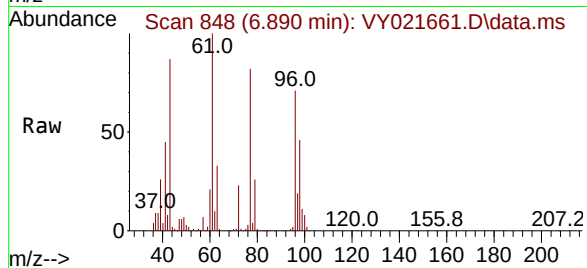
72 26.4 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#26

2,2-Dichloropropane

Concen: 139.949 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021661.D

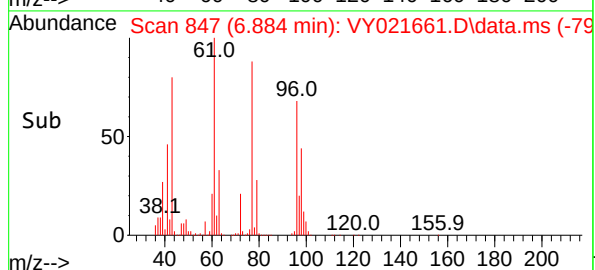
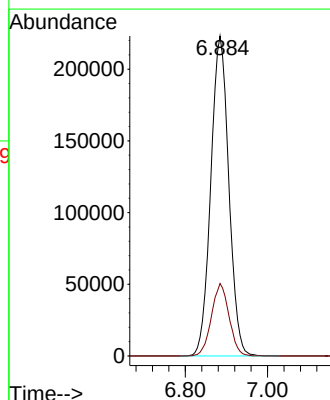
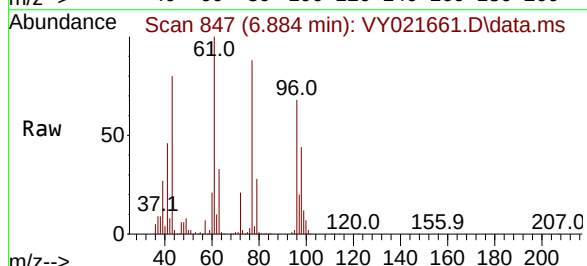
Acq: 27 Mar 2025 12:02

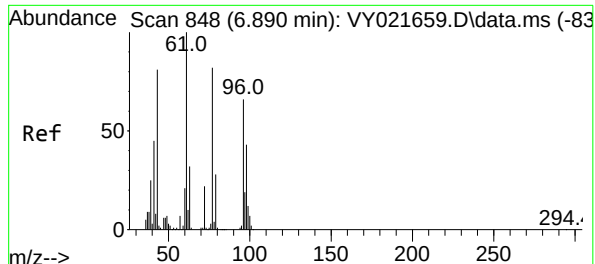
Tgt Ion: 77 Resp: 678134

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 145.395 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 490349

Ion Ratio Lower Upper

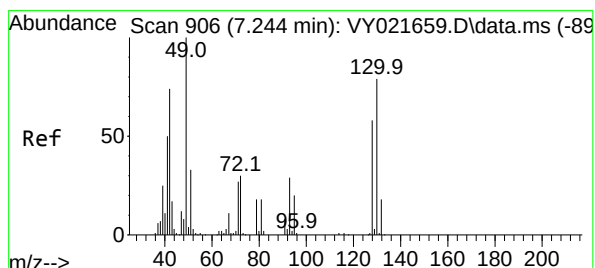
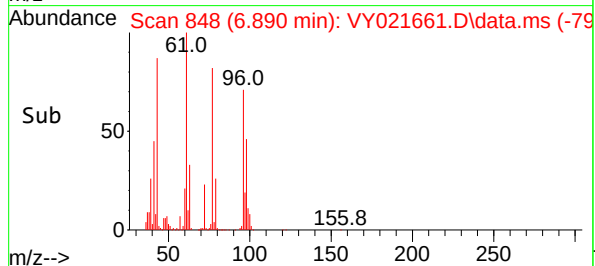
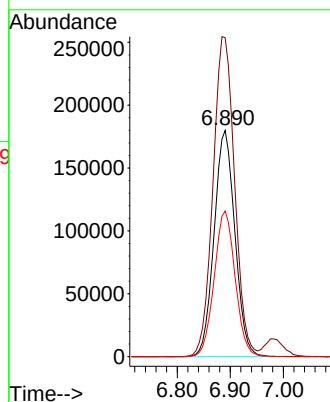
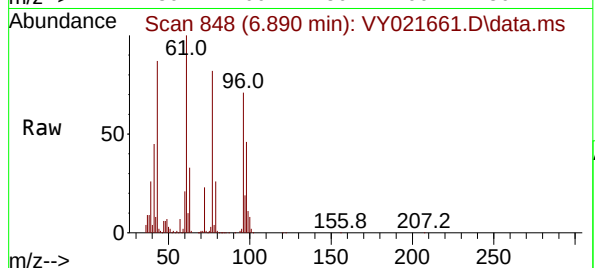
96 100

61 146.8 0.0 296.4

98 64.9 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#28

Bromochloromethane

Concen: 136.480 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

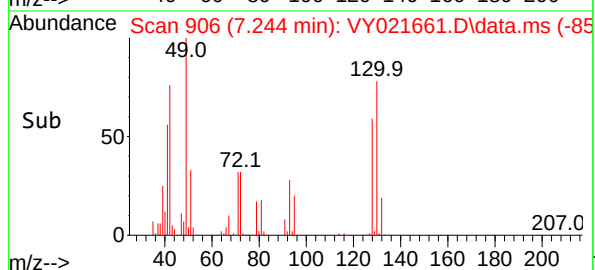
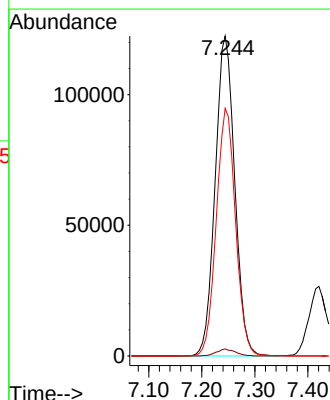
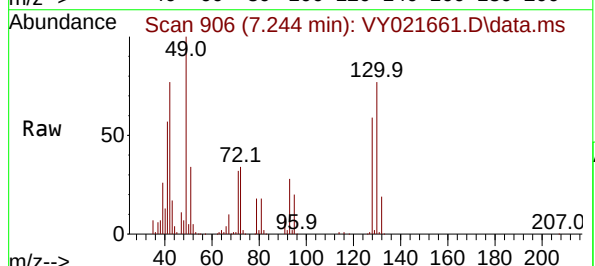
Tgt Ion: 49 Resp: 313542

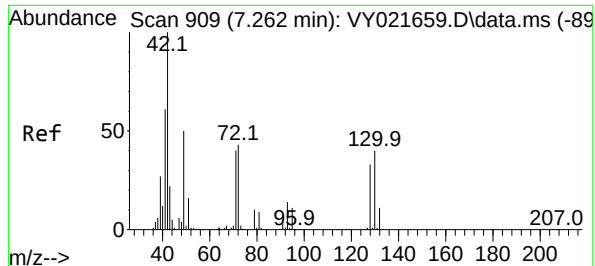
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 76.4 60.1 90.1





#29

Tetrahydrofuran

Concen: 716.799 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

Client Sample Id :

VSTDIC150

Tgt Ion: 42 Resp: 37941

Ion Ratio Lower Upper

42 100

72 44.1 34.6 52.0

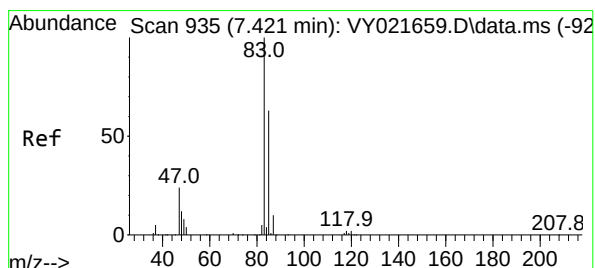
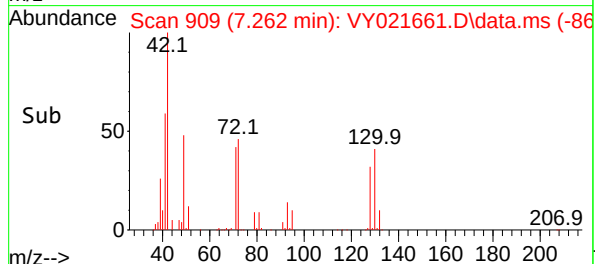
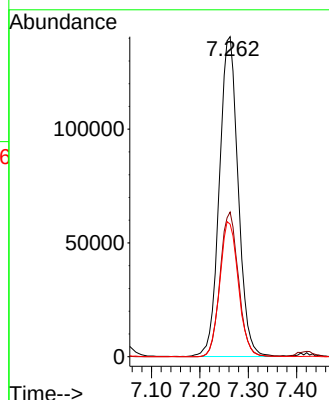
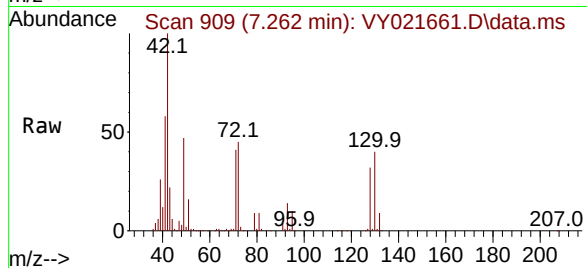
71 41.9 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#30

Chloroform

Concen: 137.548 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021661.D

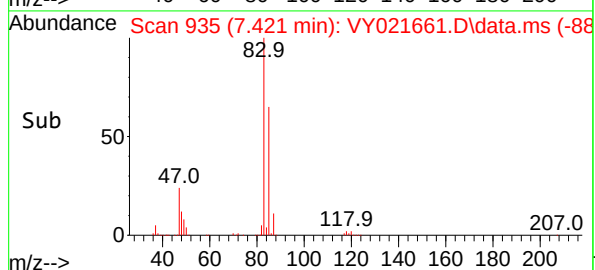
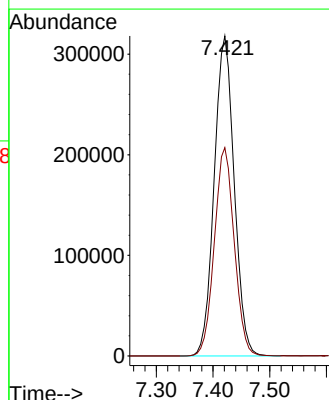
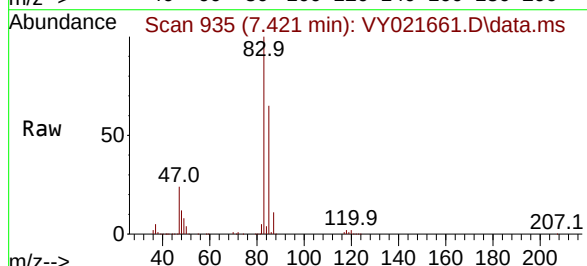
Acq: 27 Mar 2025 12:02

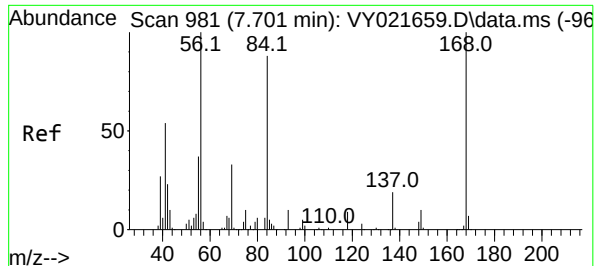
Tgt Ion: 83 Resp: 779319

Ion Ratio Lower Upper

83 100

85 65.1 50.6 75.8





#31

Cyclohexane

Concen: 128.388 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 63753

Ion Ratio Lower Upper

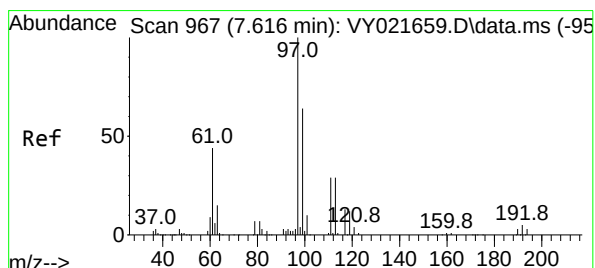
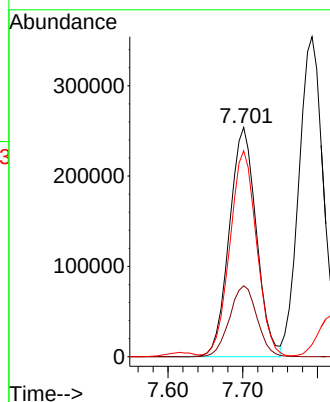
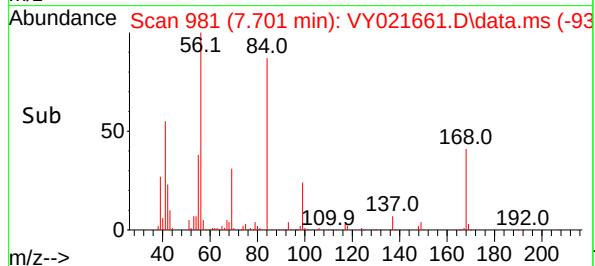
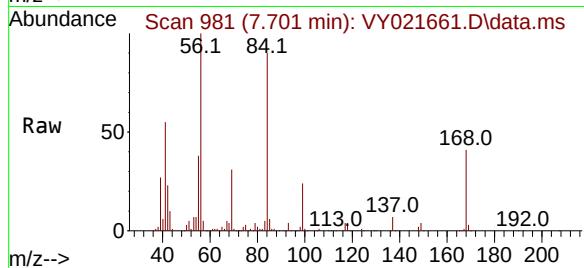
56 100

69 31.0 26.6 40.0

84 88.0 69.0 103.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#32

1,1,1-Trichloroethane

Concen: 135.918 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

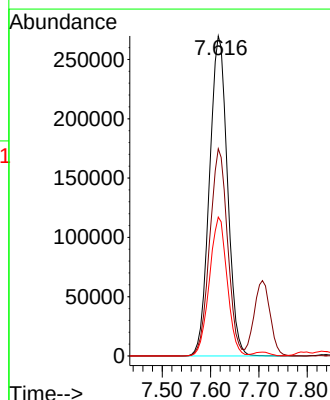
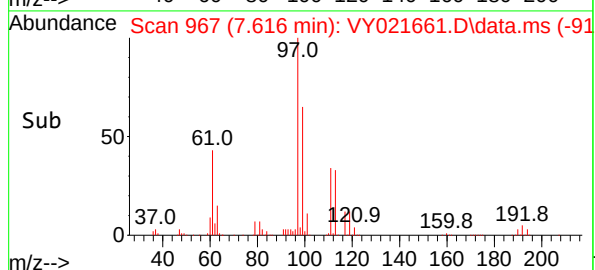
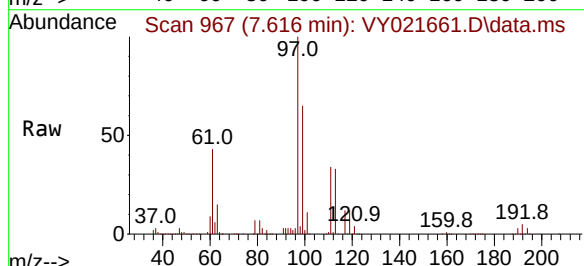
Tgt Ion: 97 Resp: 696016

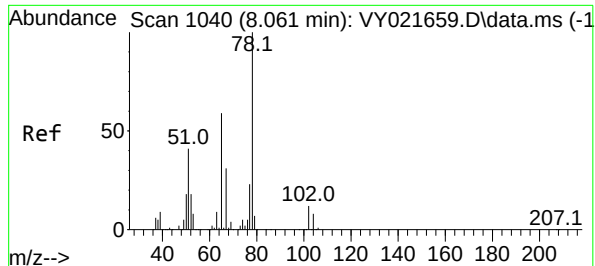
Ion Ratio Lower Upper

97 100

99 64.3 50.7 76.1

61 43.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 143.931 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 404952

Ion Ratio Lower Upper

65 100

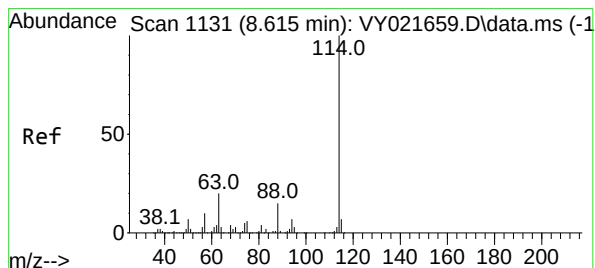
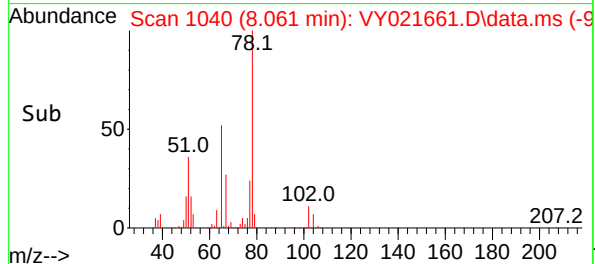
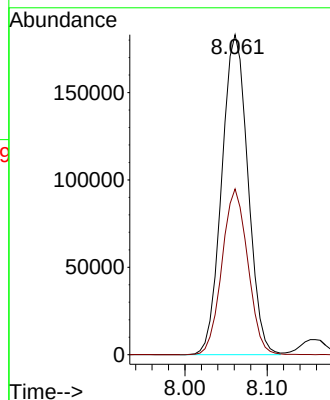
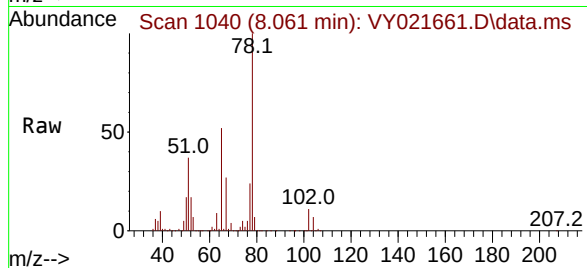
67 51.1 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

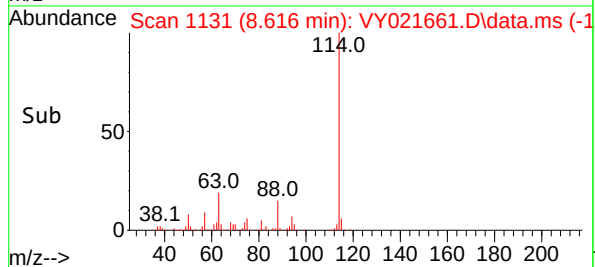
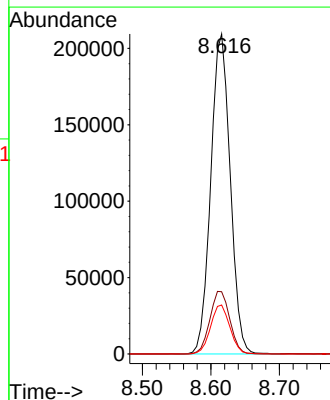
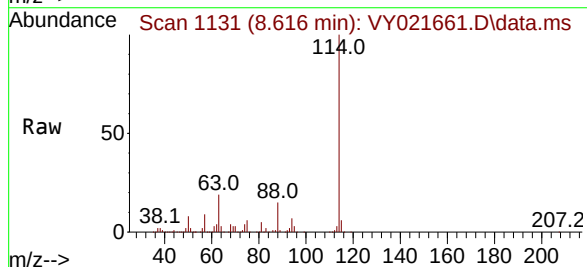
Tgt Ion:114 Resp: 412304

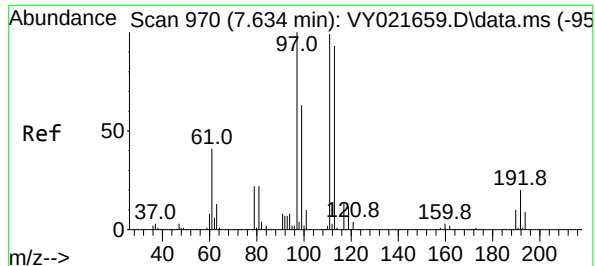
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.2

88 15.3 0.0 29.8





#35

Dibromofluoromethane

Concen: 144.862 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 387439

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

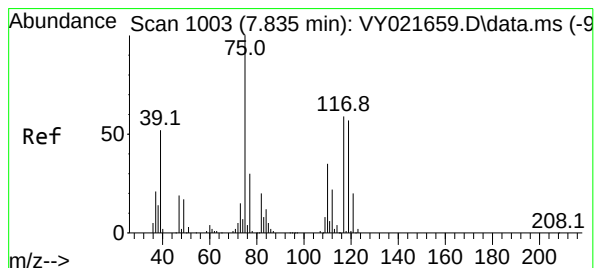
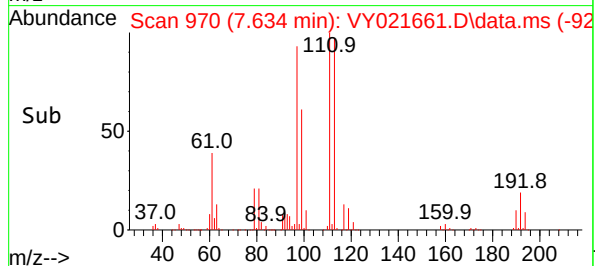
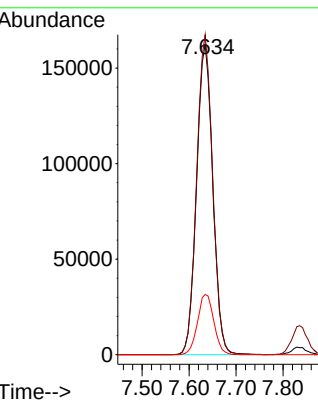
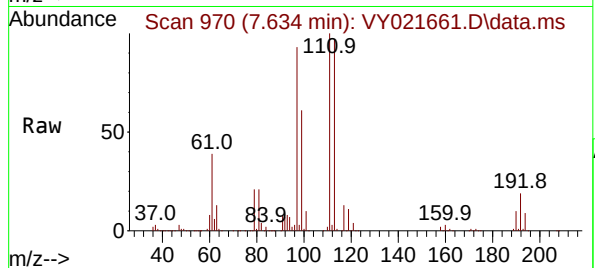
192 19.6 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#36

1,1-Dichloropropene

Concen: 136.722 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

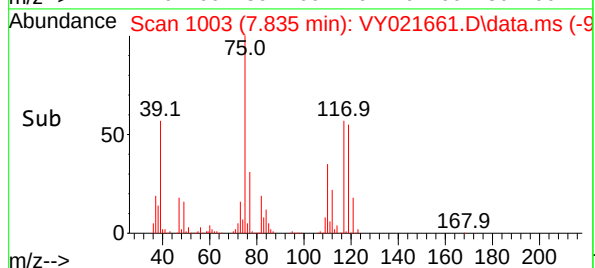
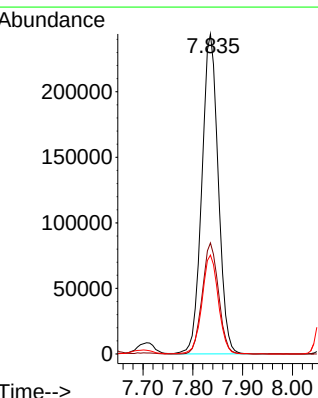
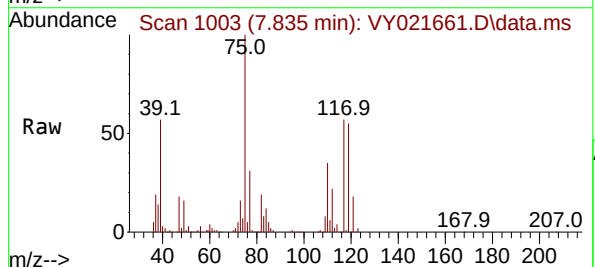
Tgt Ion: 75 Resp: 556974

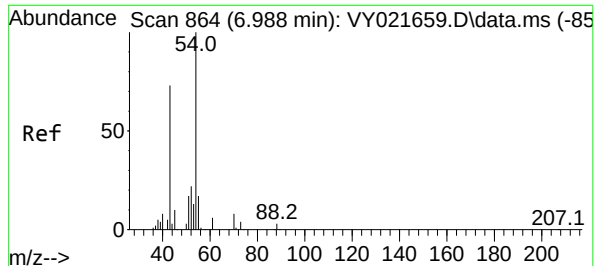
Ion Ratio Lower Upper

75 100

110 34.4 17.0 50.9

77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 134.812 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 25918

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.6

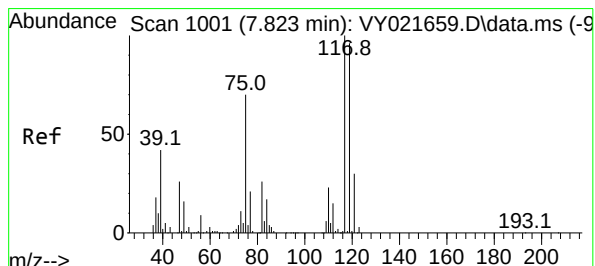
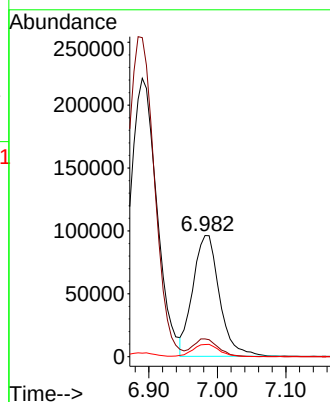
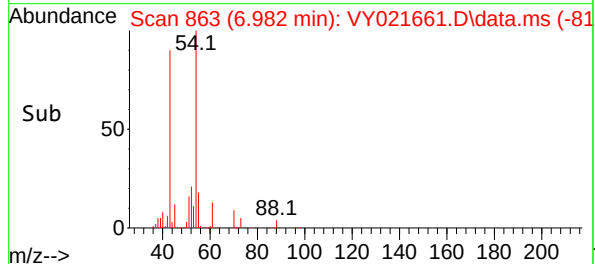
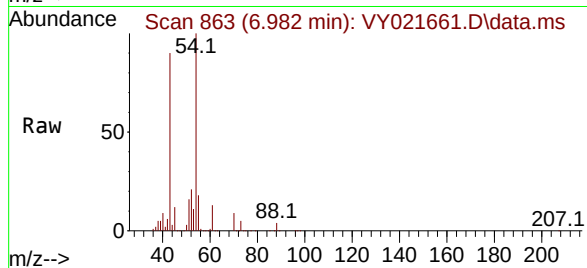
70 10.3 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#38

Carbon Tetrachloride

Concen: 134.452 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

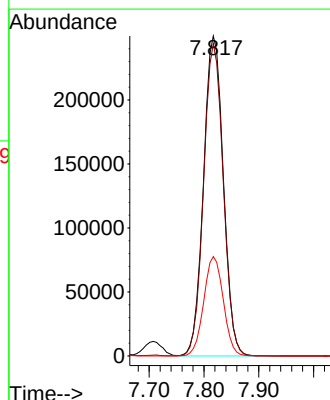
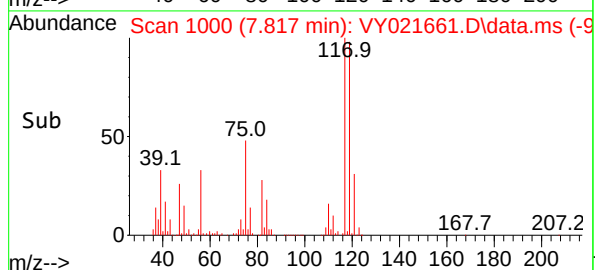
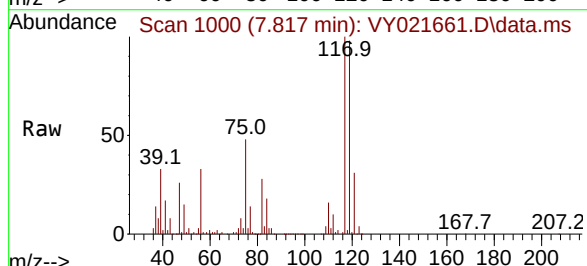
Tgt Ion:117 Resp: 627331

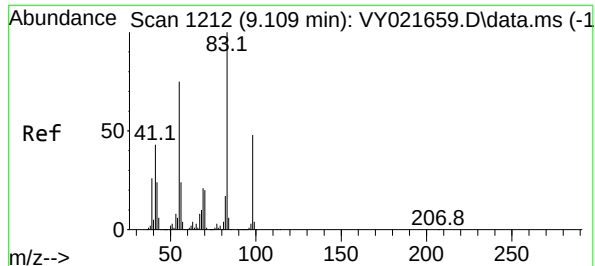
Ion Ratio Lower Upper

117 100

119 97.6 76.2 114.4

121 31.0 24.2 36.4





#39

Methylcyclohexane

Concen: 139.666 ug/l

RT: 9.110 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 679694

Ion Ratio Lower Upper

83 100

55 75.3 59.7 89.5

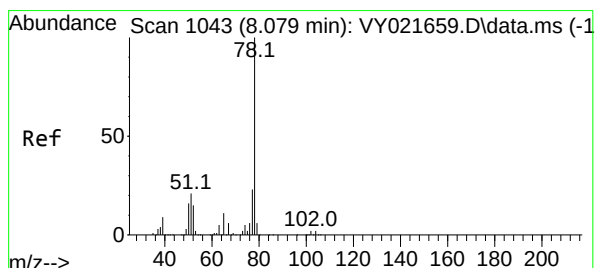
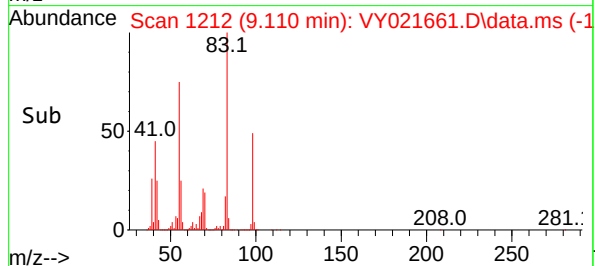
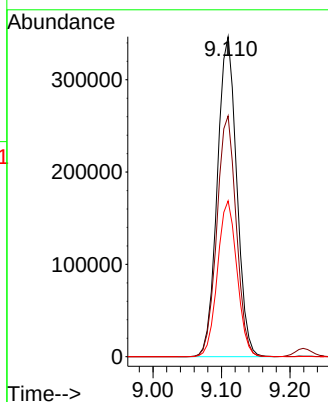
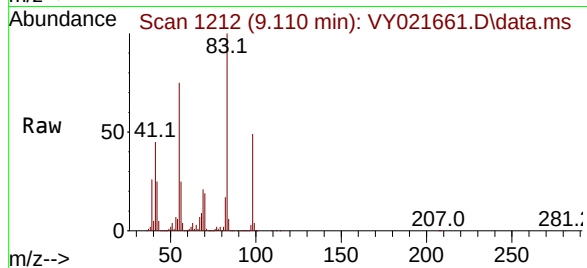
98 48.7 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#40

Benzene

Concen: 139.014 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021661.D

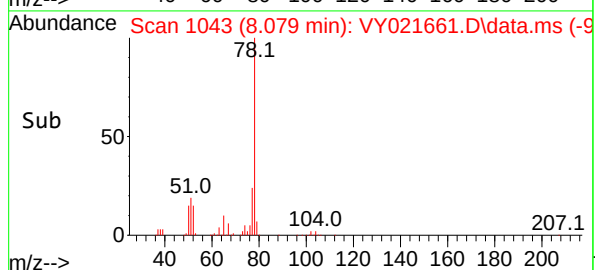
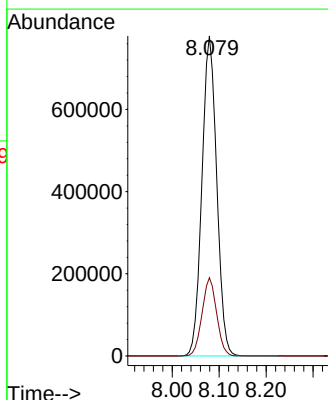
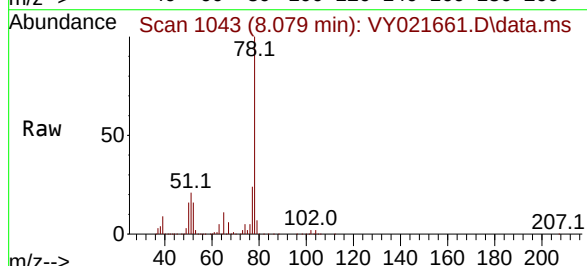
Acq: 27 Mar 2025 12:02

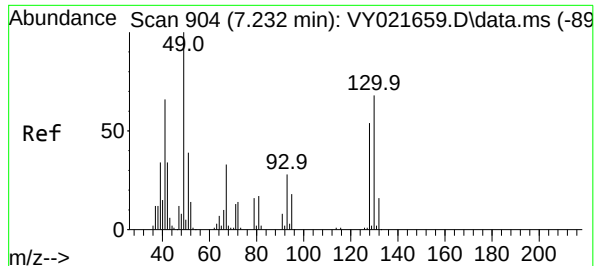
Tgt Ion: 78 Resp: 1695962

Ion Ratio Lower Upper

78 100

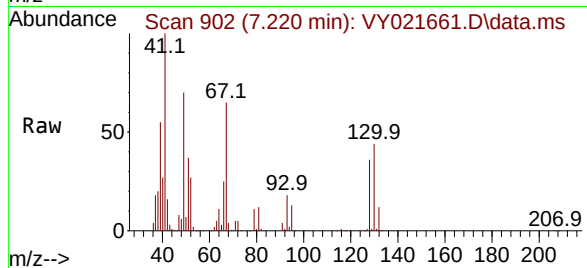
77 24.4 18.8 28.2





#41
Methacrylonitrile
Concen: 140.447 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

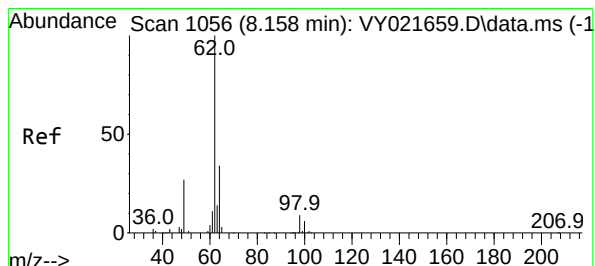
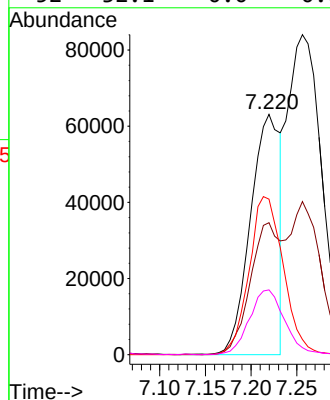
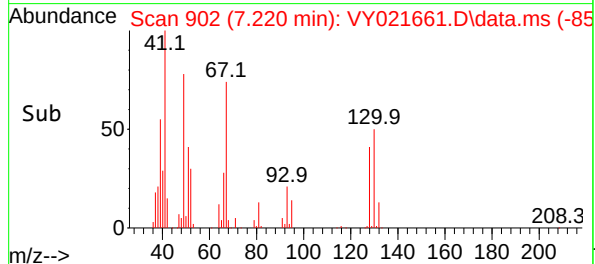
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 14338
Ion Ratio Lower Upper
41 100
39 54.1 0.0 0.0
67 75.9 0.0 0.0
52 32.1 0.0 0.0

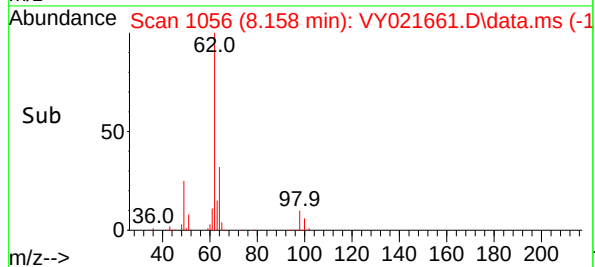
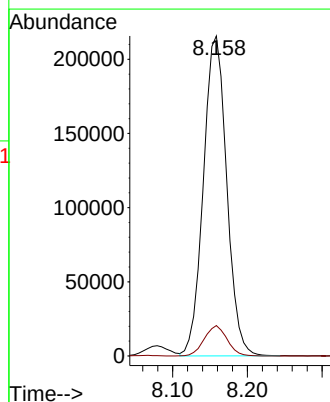
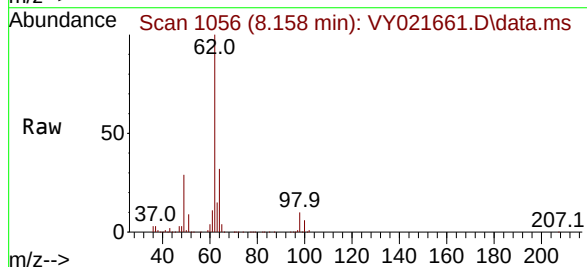
Manual Integrations
APPROVED

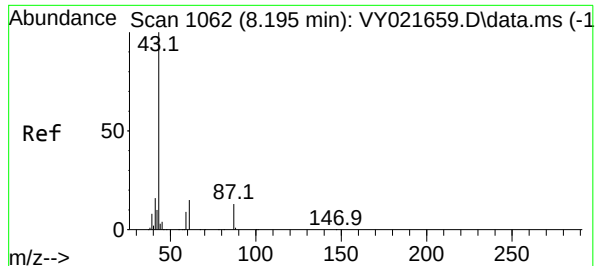
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 136.165 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 62 Resp: 468317
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4





#43

Isopropyl Acetate

Concen: 144.731 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 527310

Ion Ratio Lower Upper

43 100

61 29.7 15.9 23.9

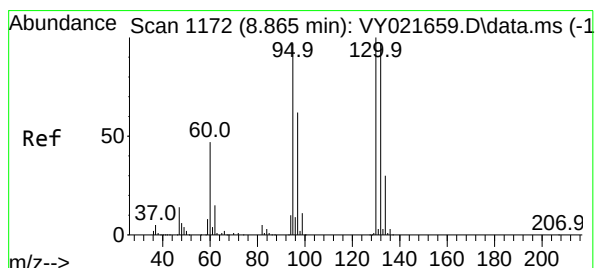
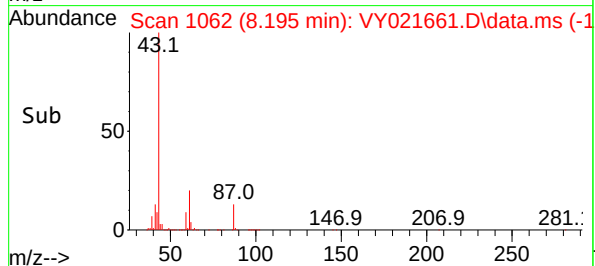
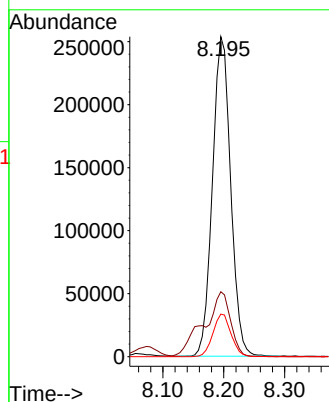
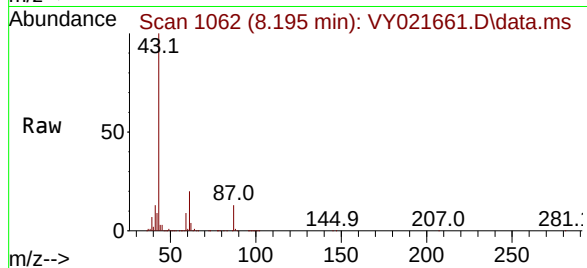
87 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#44

Trichloroethene

Concen: 138.536 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021661.D

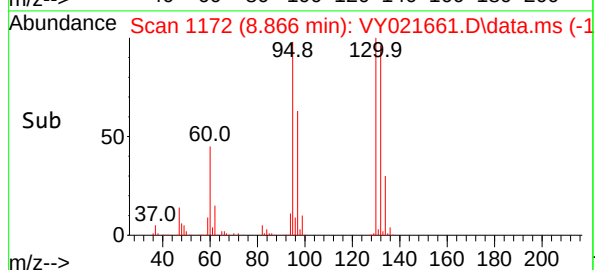
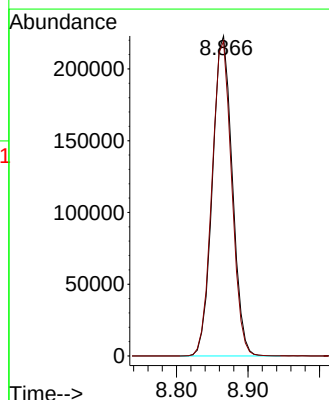
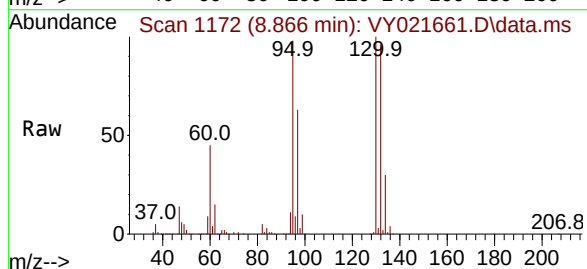
Acq: 27 Mar 2025 12:02

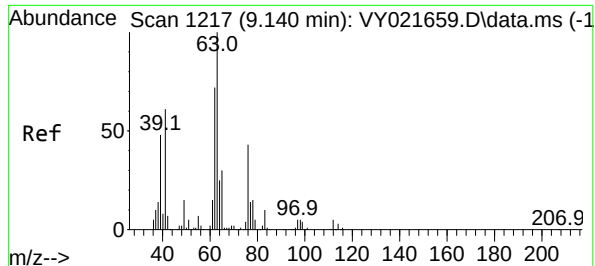
Tgt Ion:130 Resp: 430629

Ion Ratio Lower Upper

130 100

95 98.4 0.0 194.8





#45

1,2-Dichloropropane

Concen: 139.191 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 40195

Ion Ratio Lower Upper

63 100

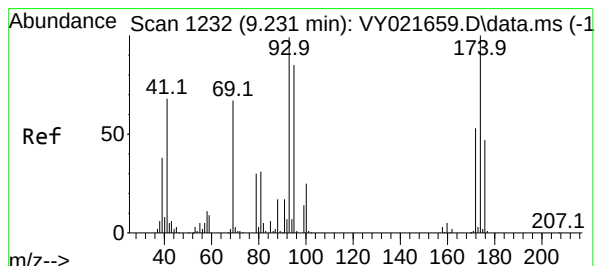
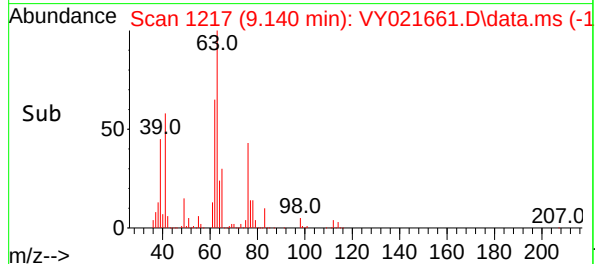
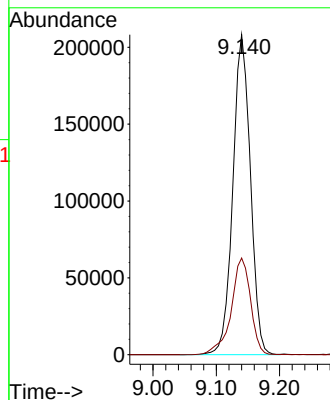
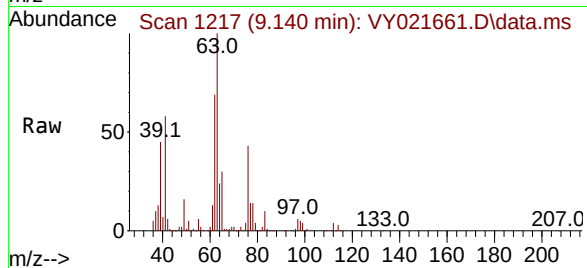
65 30.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#46

Dibromomethane

Concen: 137.167 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

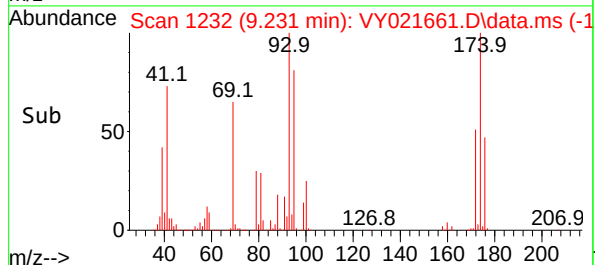
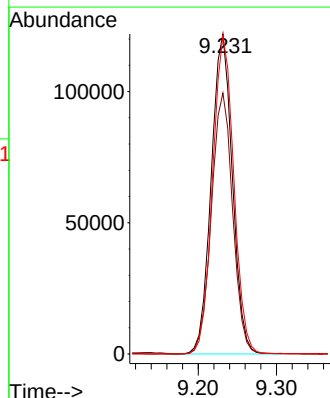
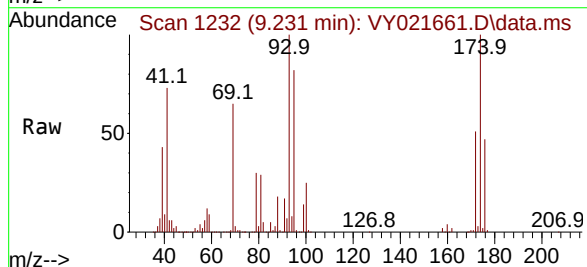
Tgt Ion: 93 Resp: 228287

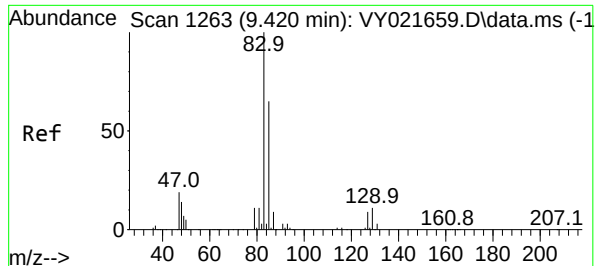
Ion Ratio Lower Upper

93 100

95 82.1 68.1 102.1

174 99.7 80.9 121.3





#47

Bromodichloromethane

Concen: 138.764 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY021661.D

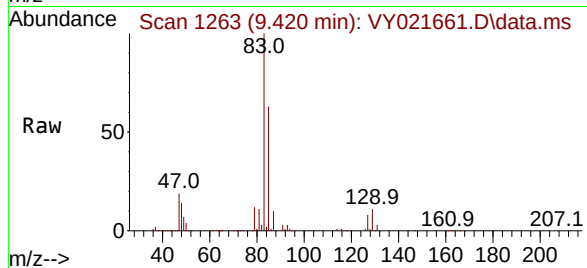
Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

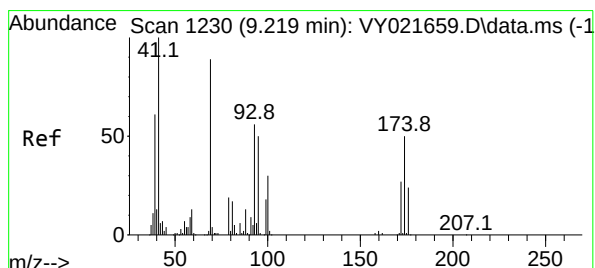
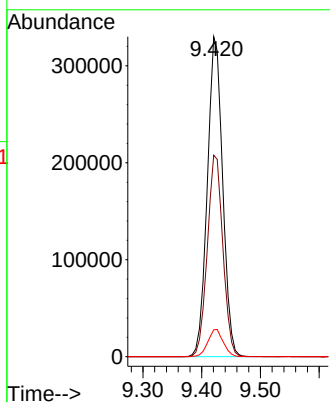
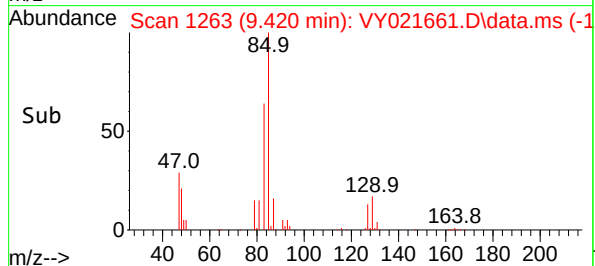


Tgt Ion:	83	Resp:	59842
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.8	77.6
127	8.4	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48

Methyl methacrylate

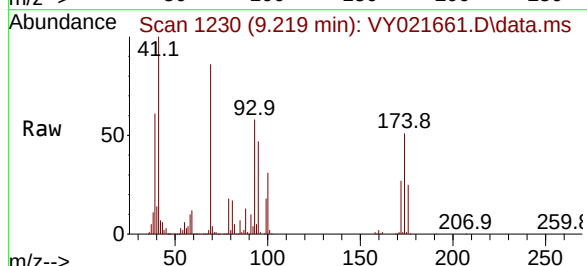
Concen: 150.306 ug/l

RT: 9.219 min Scan# 1230

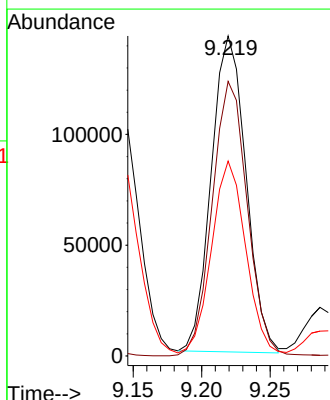
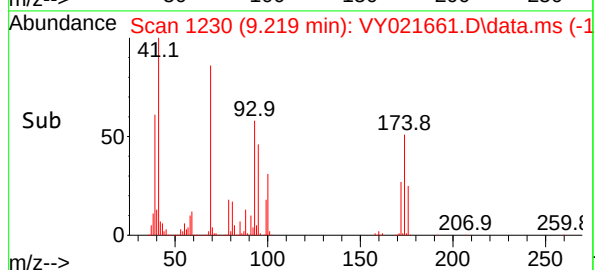
Delta R.T. 0.000 min

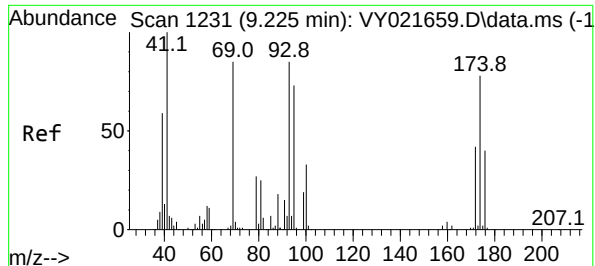
Lab File: VY021661.D

Acq: 27 Mar 2025 12:02



Tgt Ion:	41	Resp:	251339
Ion	Ratio	Lower	Upper
41	100		
69	88.1	69.8	104.8
39	59.6	47.2	70.8





#49

1,4-Dioxane

Concen: 2991.658 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 53338

Ion Ratio Lower Upper

88 100

43 33.6 28.8 43.2

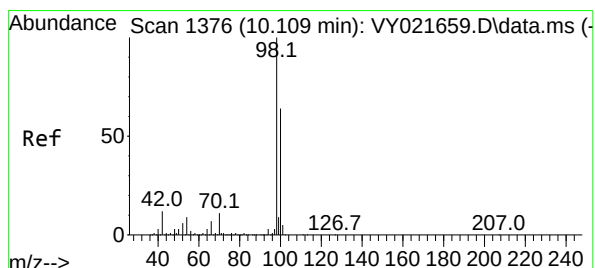
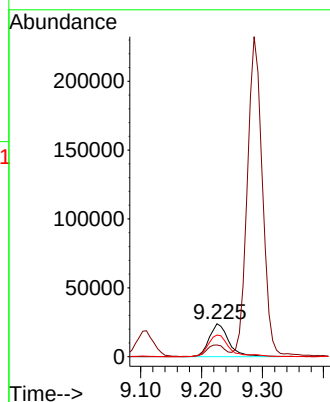
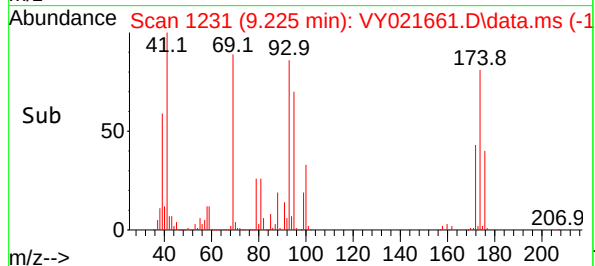
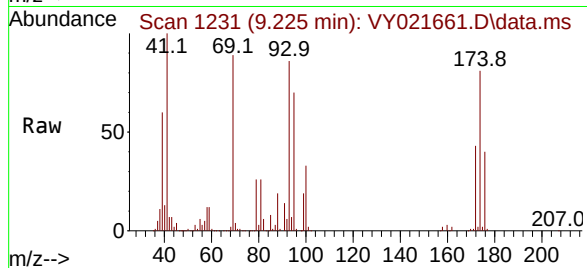
58 67.8 59.4 89.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#50

Toluene-d8

Concen: 146.020 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021661.D

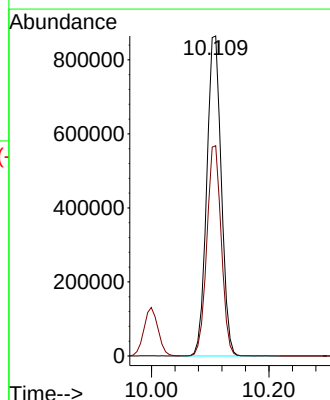
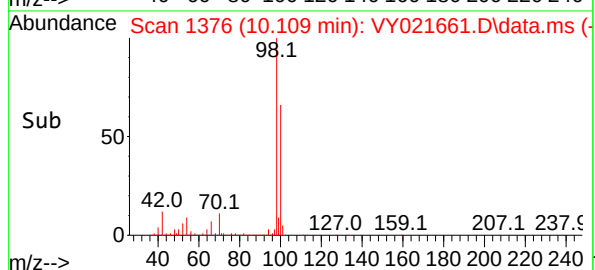
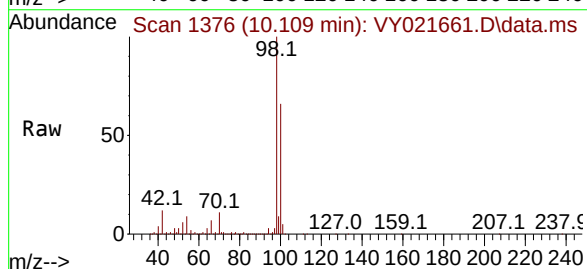
Acq: 27 Mar 2025 12:02

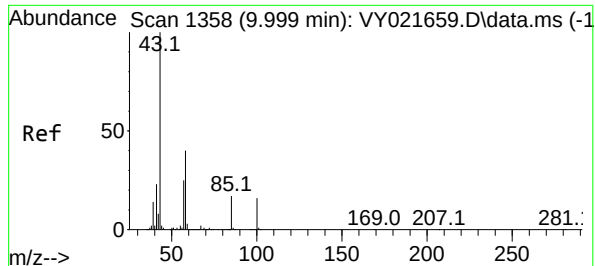
Tgt Ion: 98 Resp: 1485725

Ion Ratio Lower Upper

98 100

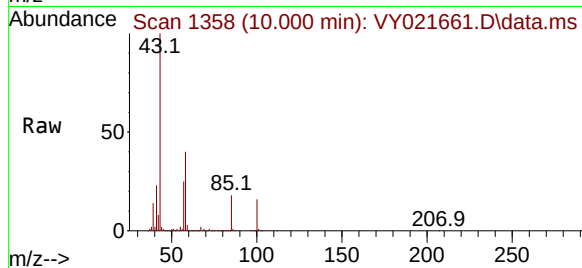
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 737.160 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

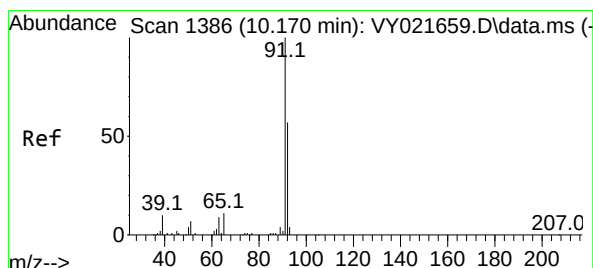
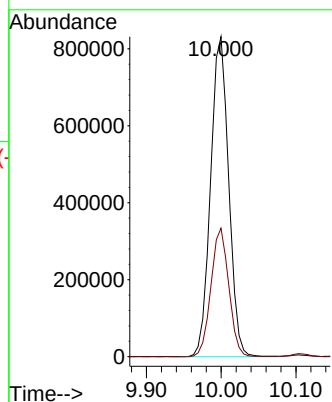
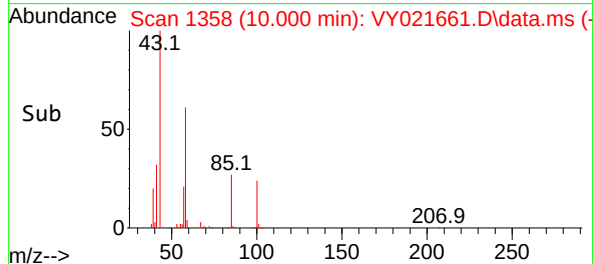
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 1397678
Ion Ratio Lower Upper
43 100
58 39.6 31.5 47.3

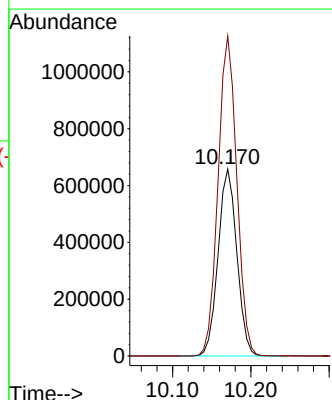
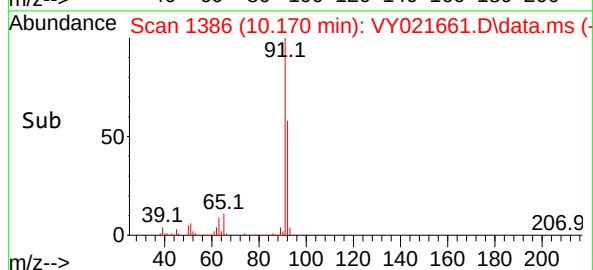
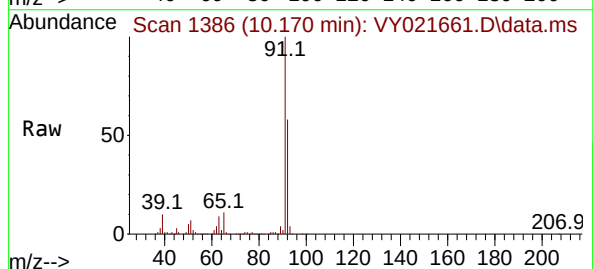
Manual Integrations
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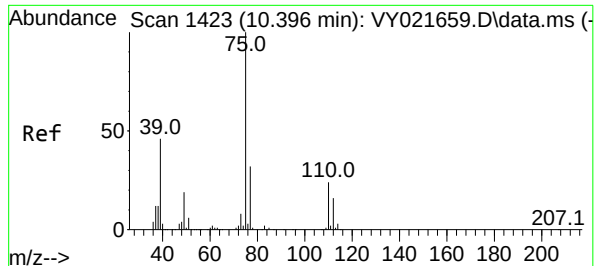
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 143.758 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

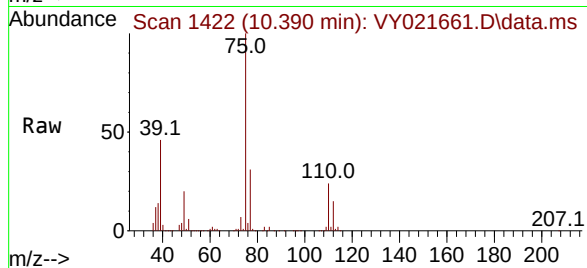
Tgt Ion: 92 Resp: 1094229
Ion Ratio Lower Upper
92 100
91 171.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 148.908 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

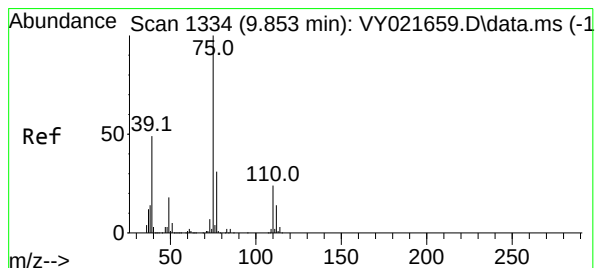
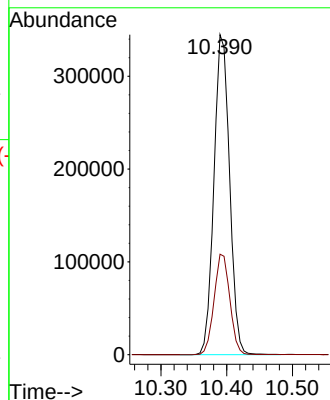
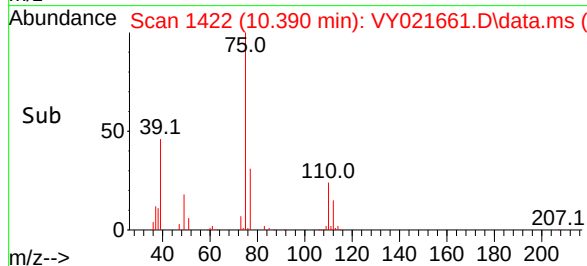
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 570388
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9

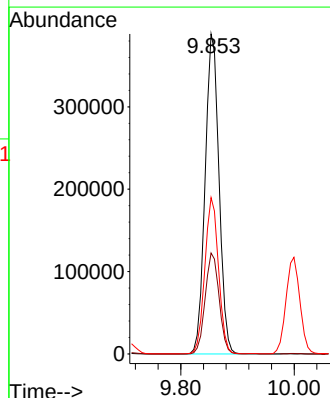
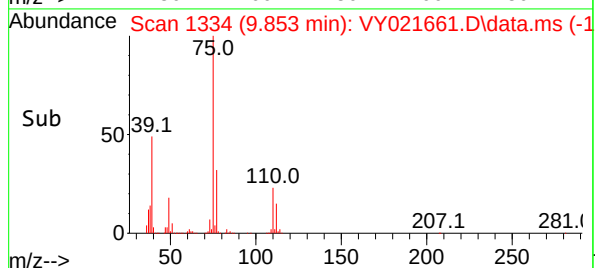
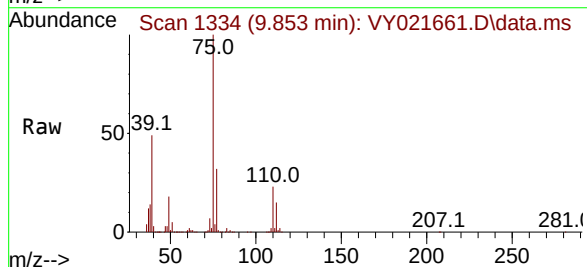
Manual Integrations
APPROVED

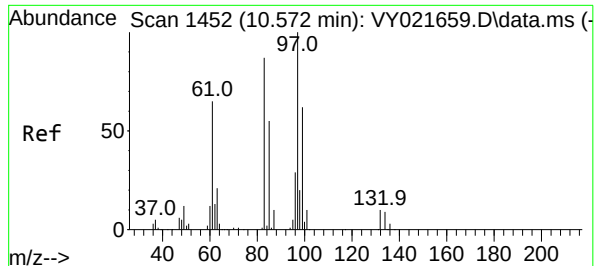
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#54
cis-1,3-Dichloropropene
Concen: 146.159 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 75 Resp: 660476
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3
39 48.8 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 138.396 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 296412

Ion Ratio Lower Upper

97 100

83 87.3 69.5 104.3

85 55.8 43.9 65.9

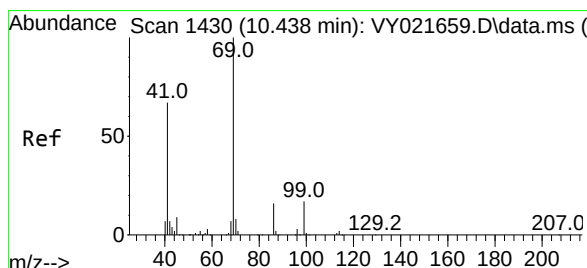
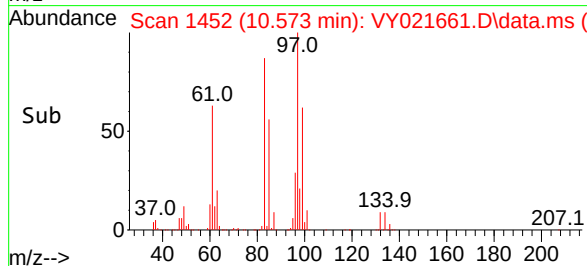
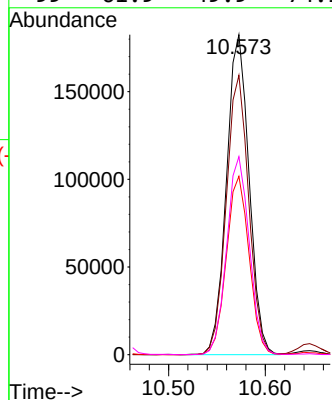
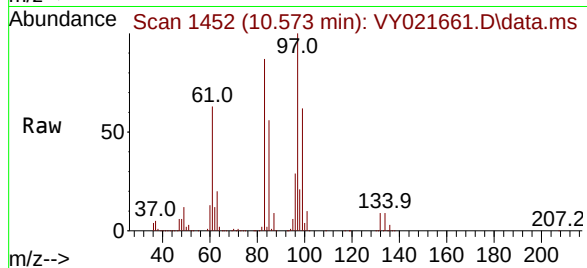
99 61.9 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#56

Ethyl methacrylate

Concen: 162.176 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

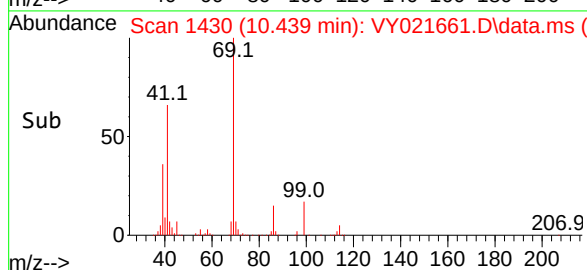
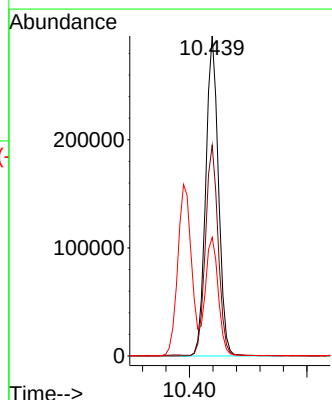
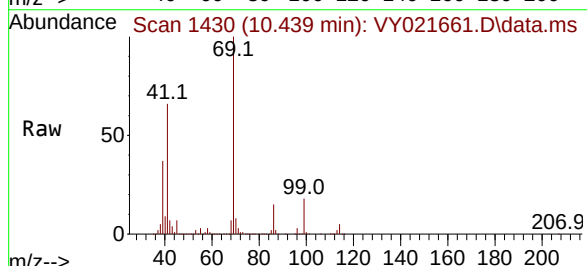
Tgt Ion: 69 Resp: 443517

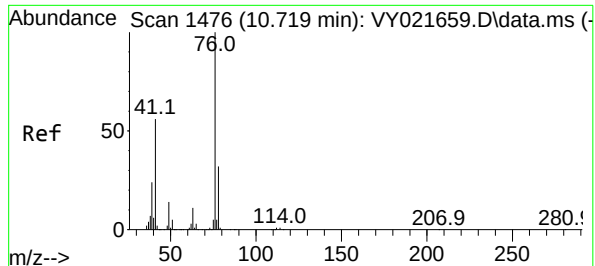
Ion Ratio Lower Upper

69 100

41 66.0 53.8 80.6

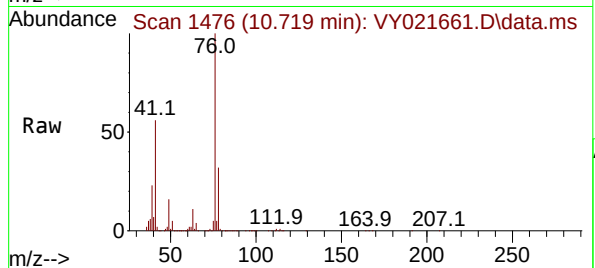
39 37.9 29.6 44.4





#57
1,3-Dichloropropane
Concen: 139.961 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

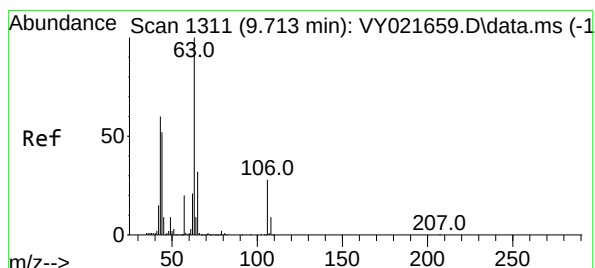
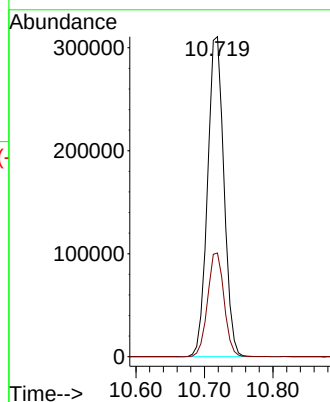
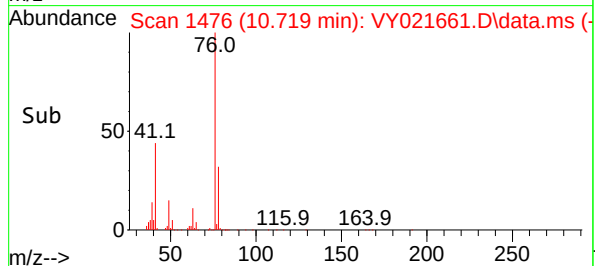
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 517700
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8

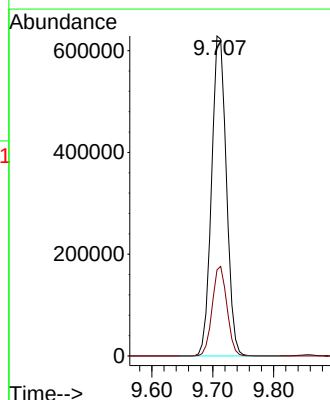
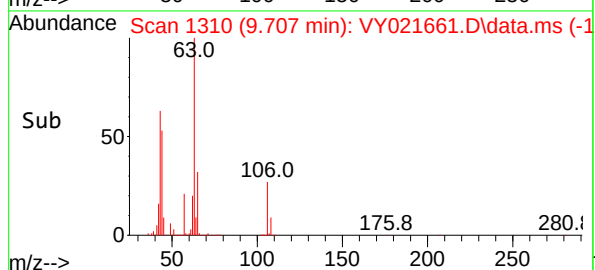
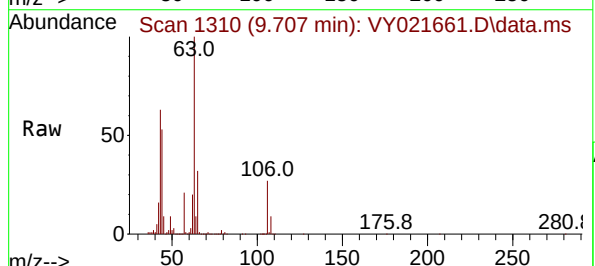
Manual Integrations
APPROVED

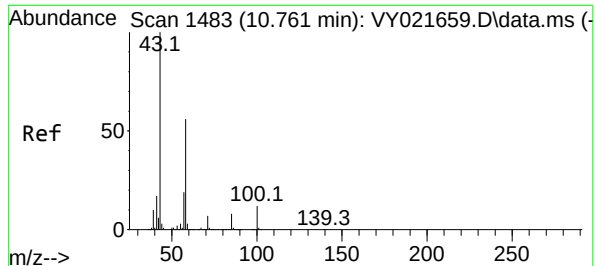
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 795.867 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

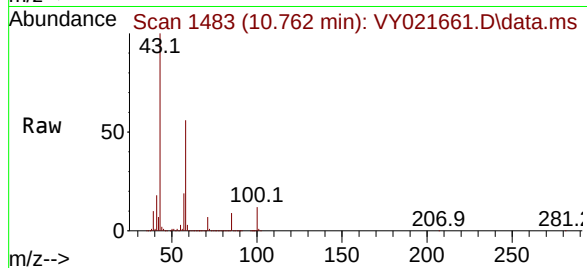
Tgt Ion: 63 Resp: 1061779
Ion Ratio Lower Upper
63 100
106 27.8 22.4 33.6





#59
2-Hexanone
Concen: 756.341 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

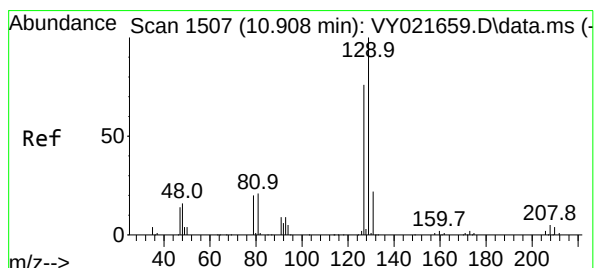
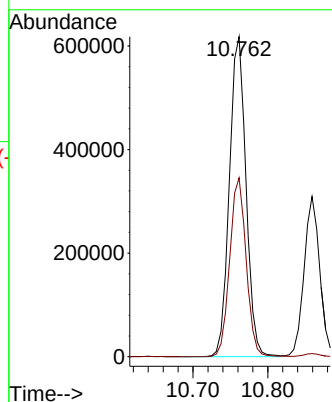
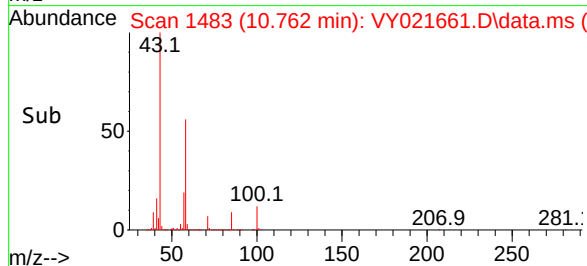
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 95505
Ion Ratio Lower Upper
43 100
58 55.4 27.2 81.5

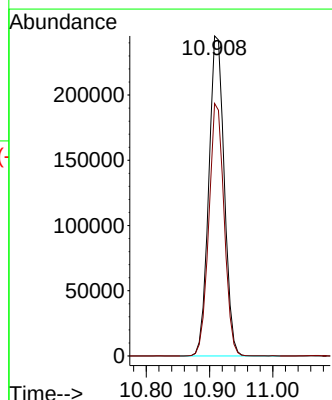
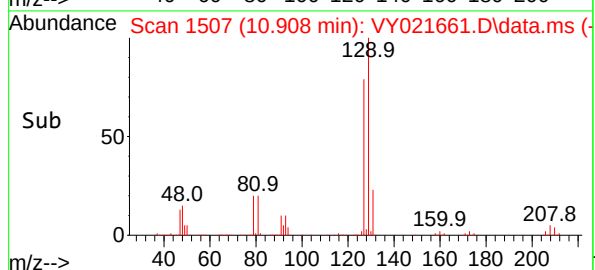
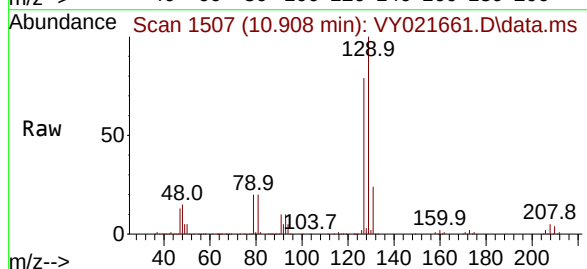
Manual Integrations
APPROVED

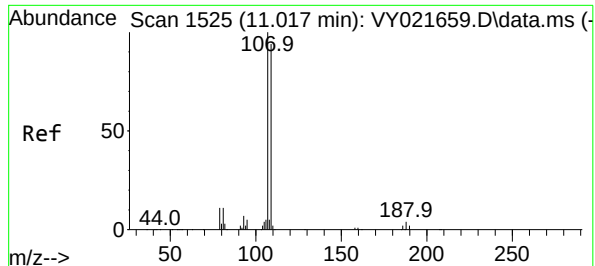
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#60
Dibromochloromethane
Concen: 142.682 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

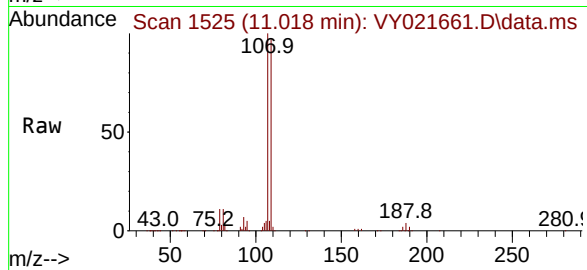
Tgt Ion:129 Resp: 417230
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 141.082 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

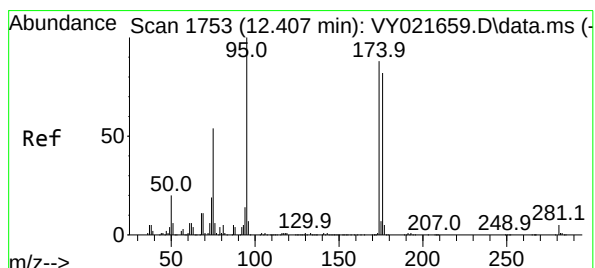
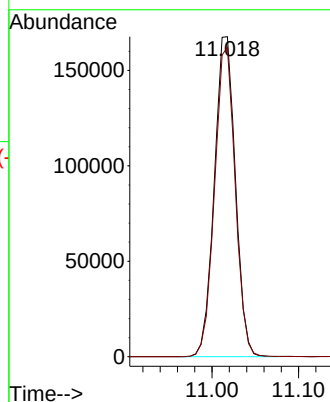
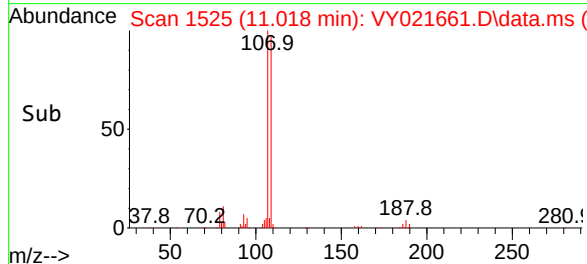
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:107 Resp: 28345
Ion Ratio Lower Upper
107 100
109 94.7 74.4 111.6

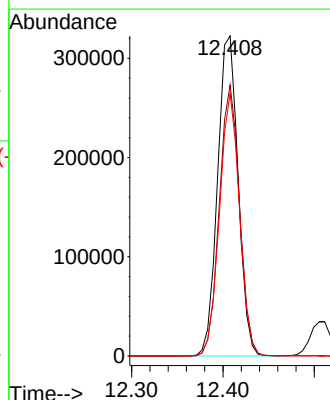
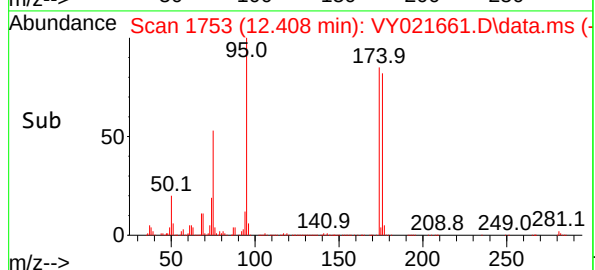
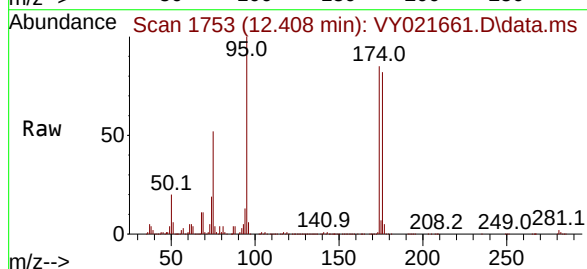
Manual Integrations
APPROVED

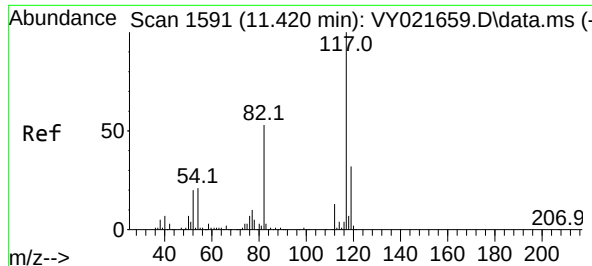
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 146.271 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

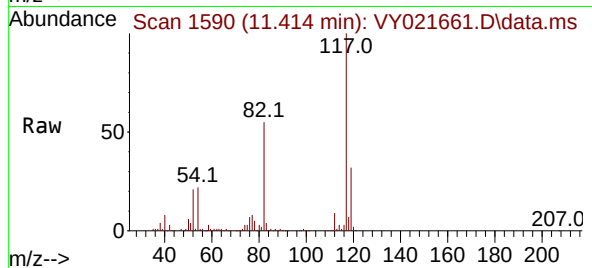
Tgt Ion: 95 Resp: 503406
Ion Ratio Lower Upper
95 100
174 83.4 0.0 170.8
176 80.1 0.0 162.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

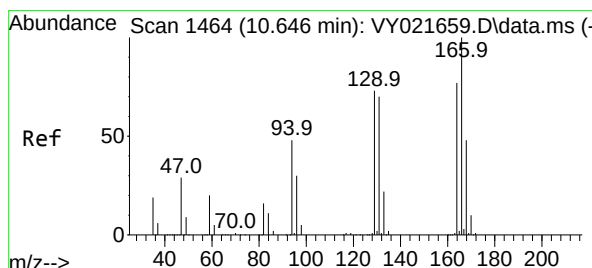
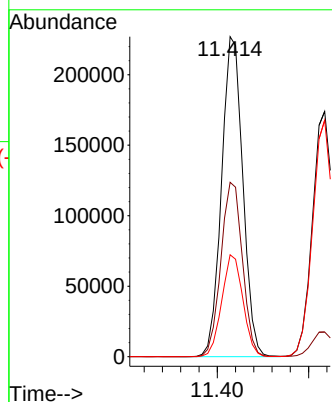
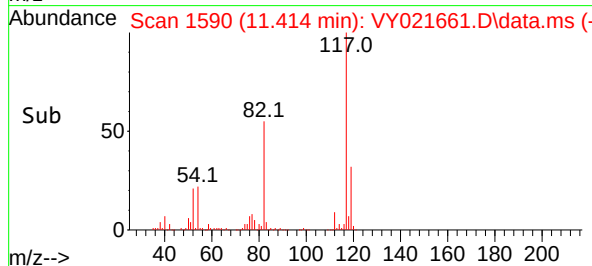
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 36728
Ion Ratio Lower Upper
117 100
82 54.5 42.8 64.2
119 31.9 25.7 38.5

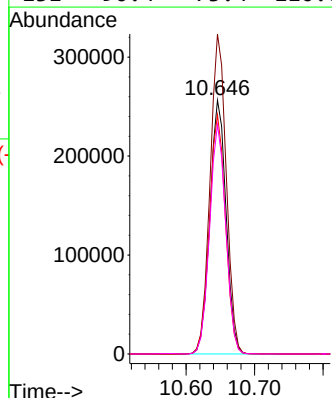
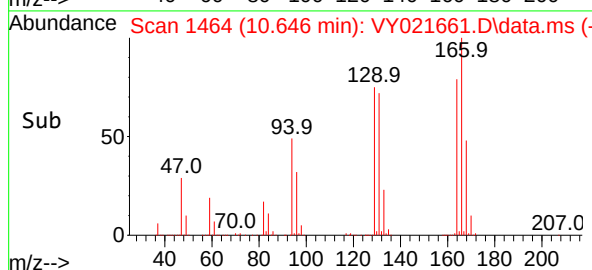
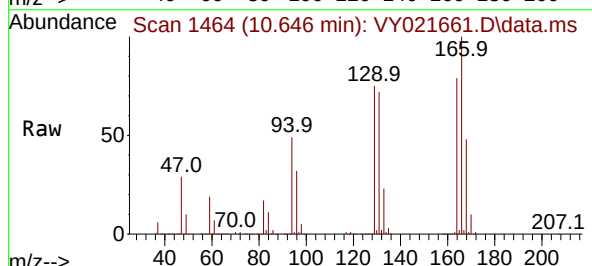
Manual Integrations
APPROVED

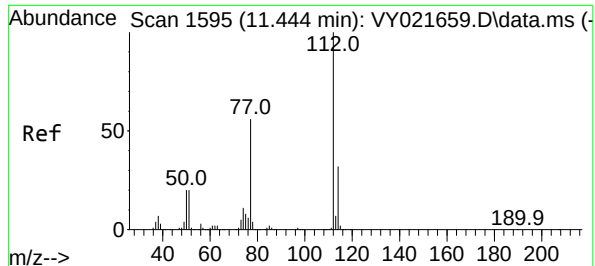
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#64
Tetrachloroethene
Concen: 125.966 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

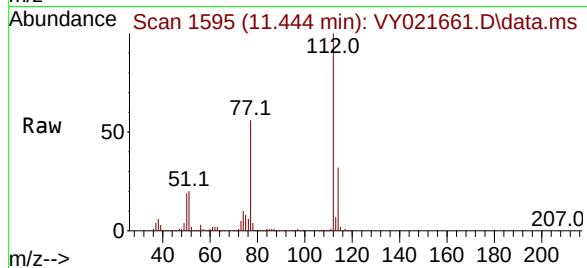
Tgt Ion:164 Resp: 421368
Ion Ratio Lower Upper
164 100
166 126.1 104.6 156.8
129 94.3 76.6 114.8
131 90.4 73.4 110.0





#65
Chlorobenzene
Concen: 140.483 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

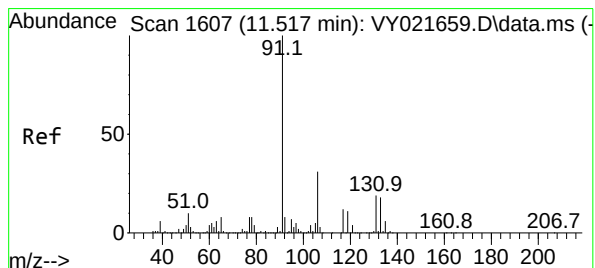
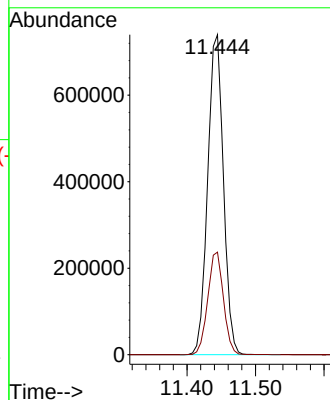
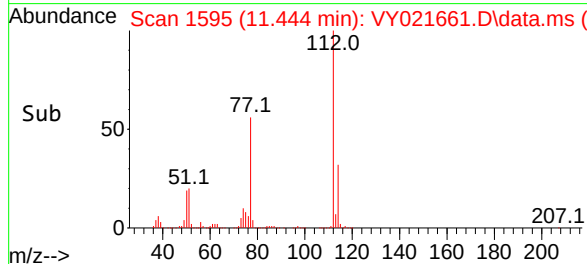
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:112 Resp: 1182770
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9

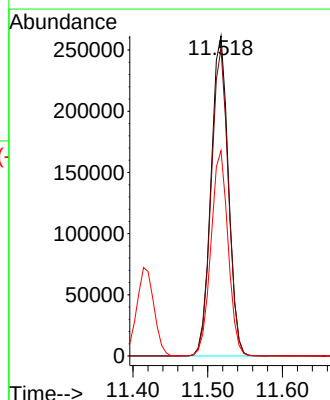
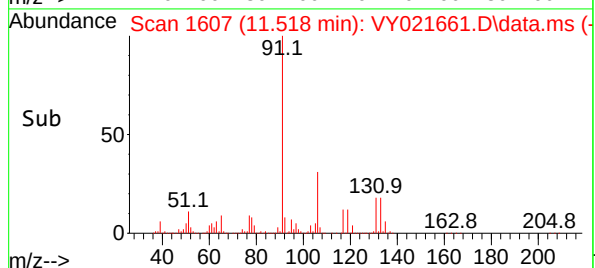
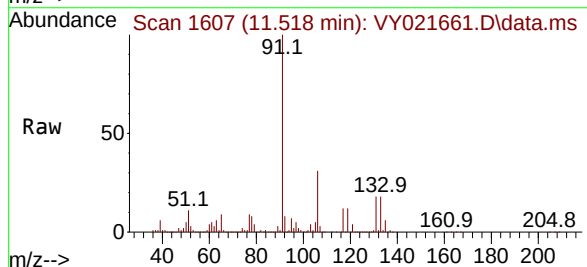
Manual Integrations
APPROVED

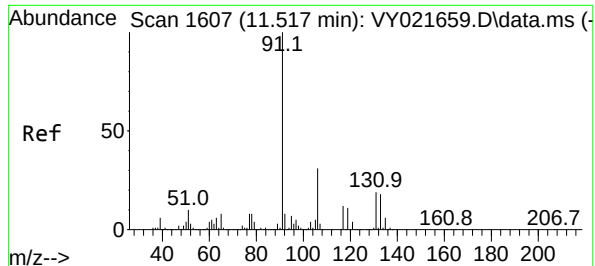
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 140.910 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion:131 Resp: 420924
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 63.4 31.6 95.0





#67

Ethyl Benzene

Concen: 147.665 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 2131884

Ion Ratio Lower Upper

91 100

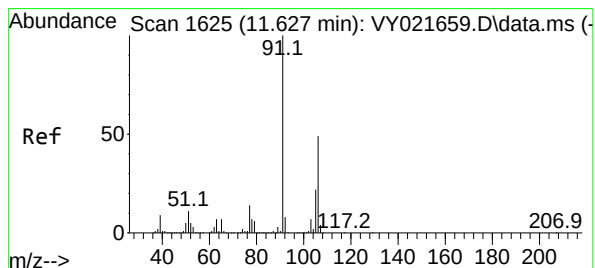
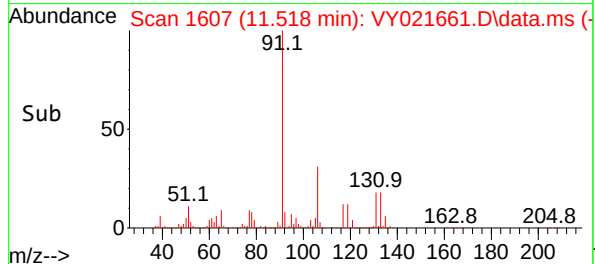
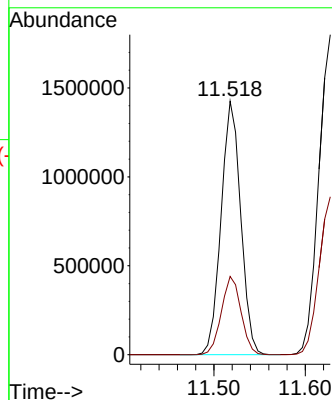
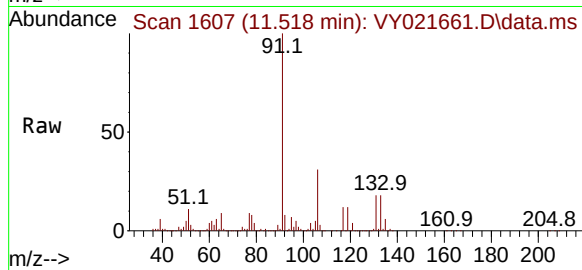
106 30.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#68

m/p-Xylenes

Concen: 291.277 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021661.D

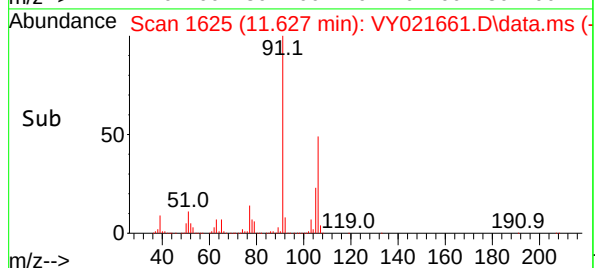
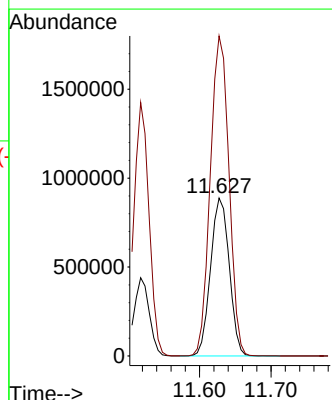
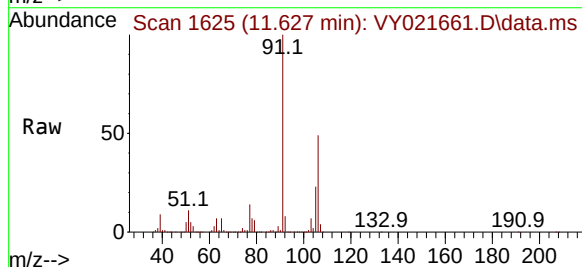
Acq: 27 Mar 2025 12:02

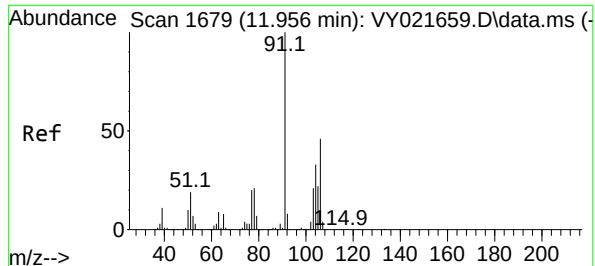
Tgt Ion:106 Resp: 1610305

Ion Ratio Lower Upper

106 100

91 203.1 162.4 243.6





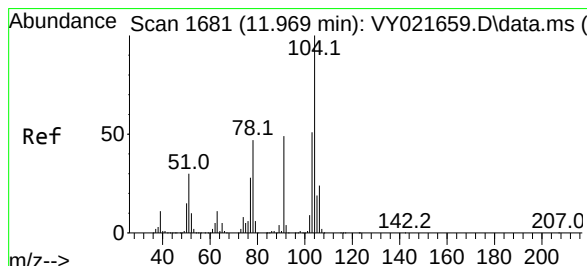
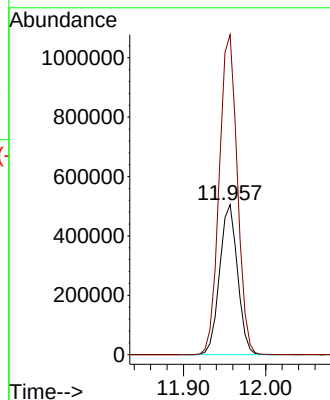
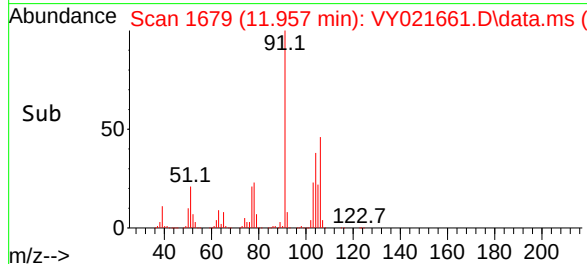
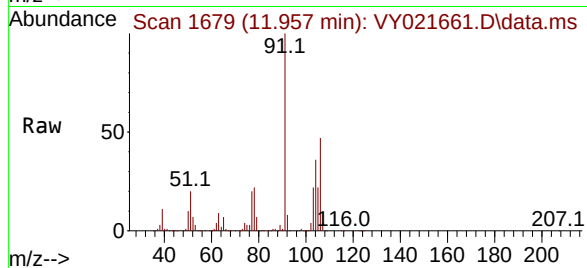
#69
o-Xylene
Concen: 149.852 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 76472
Ion Ratio Lower Upper
106 100
91 216.0 106.7 319.9

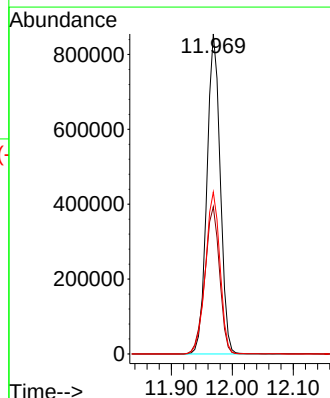
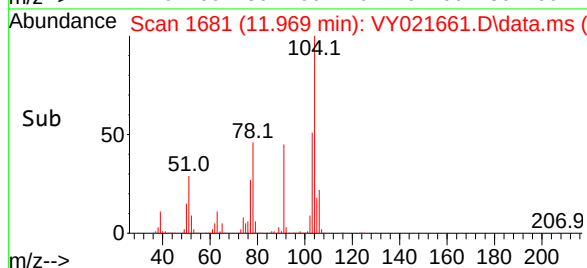
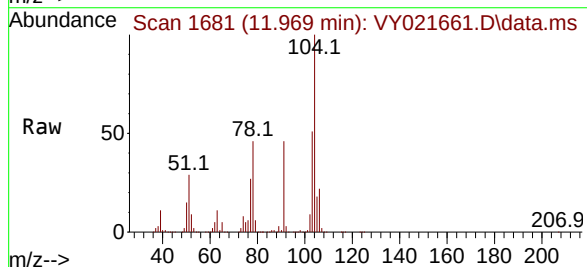
Manual Integrations
APPROVED

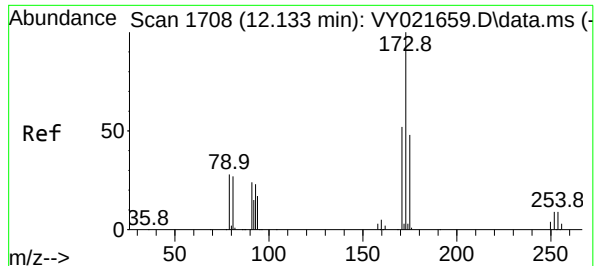
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 152.877 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

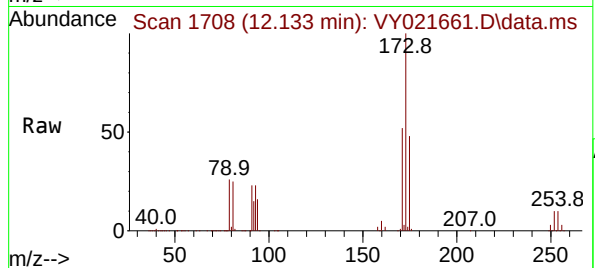
Tgt Ion:104 Resp: 1300778
Ion Ratio Lower Upper
104 100
78 50.6 40.8 61.2
103 54.8 44.2 66.2





#71
Bromoform
Concen: 143.224 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

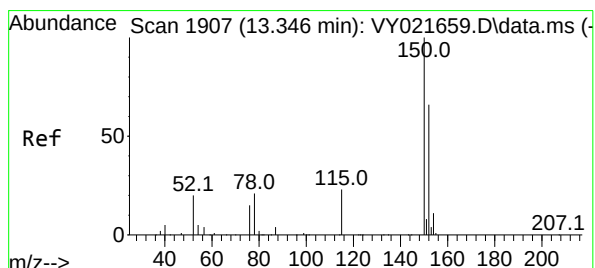
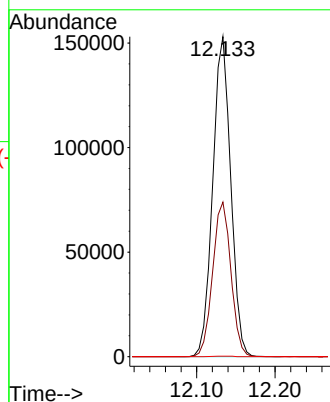
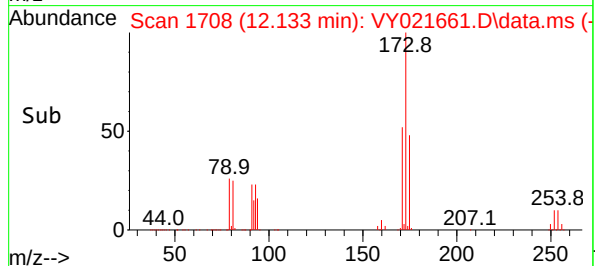
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



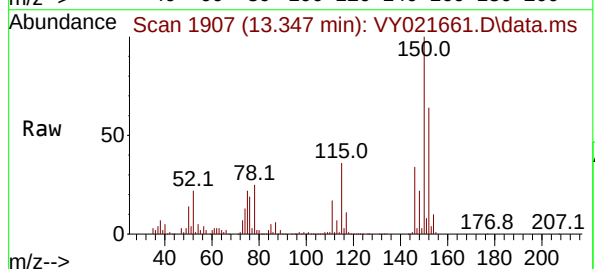
Tgt Ion:173 Resp: 244045
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.2 0.1 0.1

Manual Integrations
APPROVED

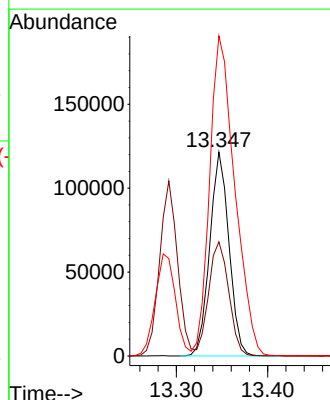
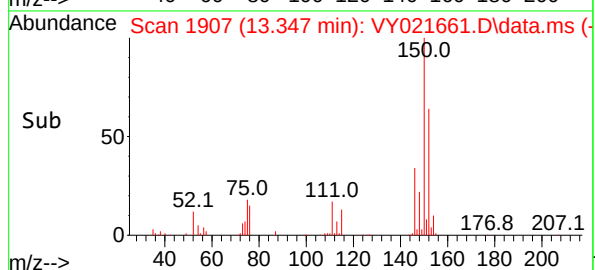
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

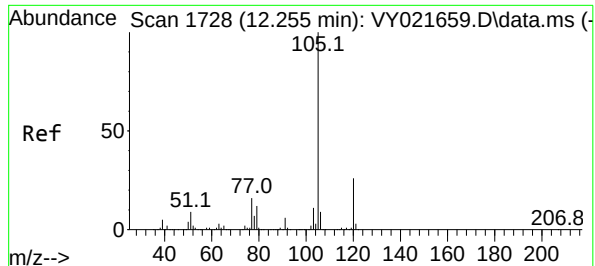


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02



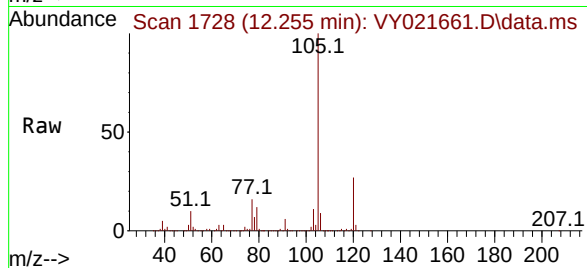
Tgt Ion:152 Resp: 177289
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 205.3 0.0 348.4





#73
Isopropylbenzene
Concen: 149.537 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

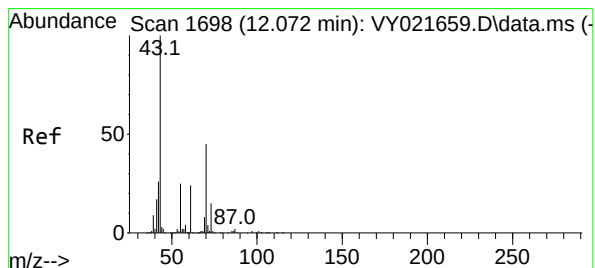
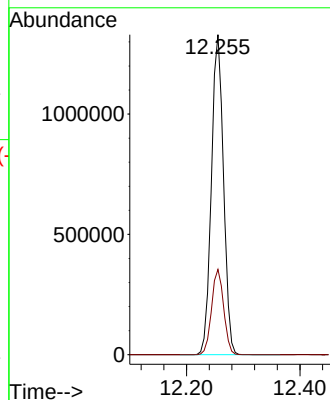
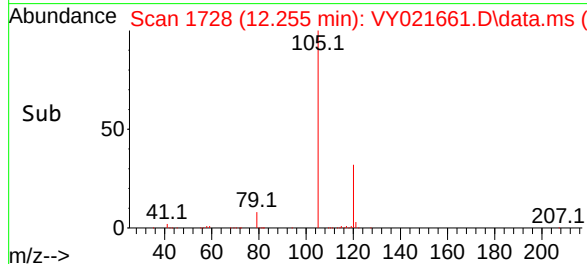
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:105 Resp: 1969094
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5

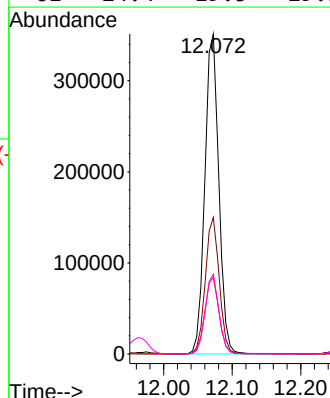
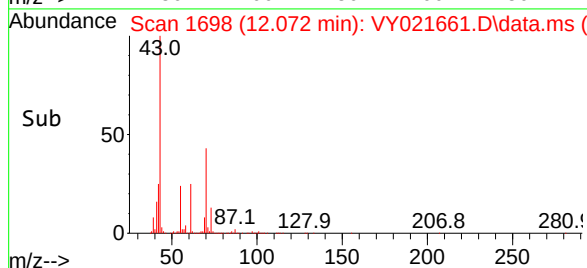
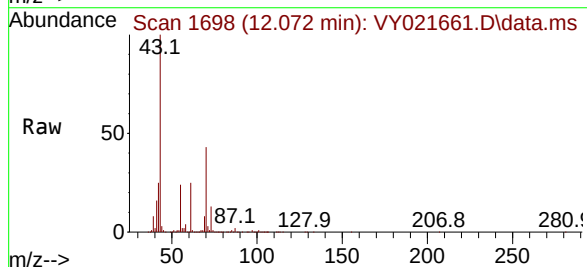
Manual Integrations
APPROVED

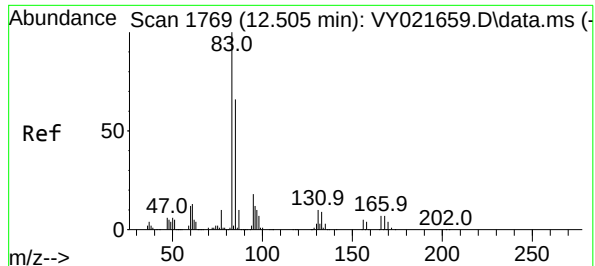
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#74
N-ethyl acetate
Concen: 161.437 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

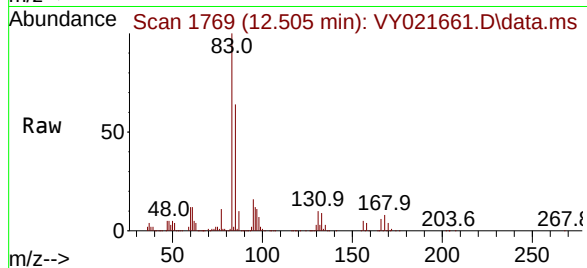
Tgt Ion: 43 Resp: 498903
Ion Ratio Lower Upper
43 100
70 42.6 34.7 52.1
55 24.5 21.2 31.8
61 24.4 19.5 29.3





#75
1,1,2,2-Tetrachloroethane
Concen: 141.706 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

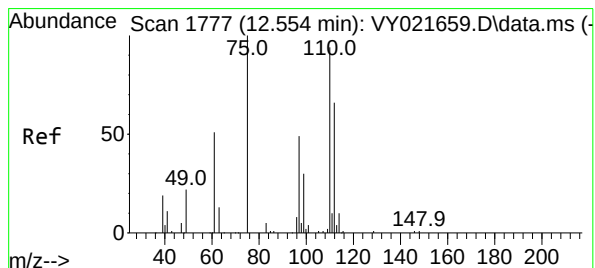
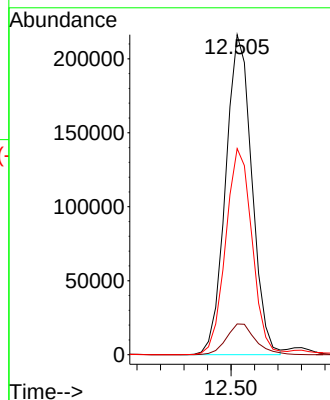
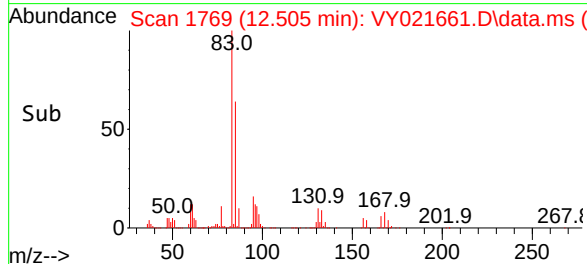
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 33548
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 65.1 32.3 96.8

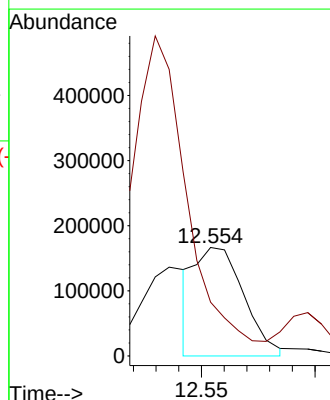
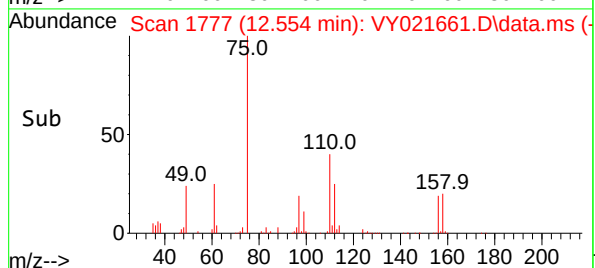
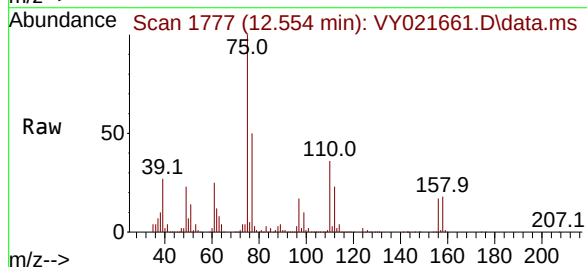
Manual Integrations
APPROVED

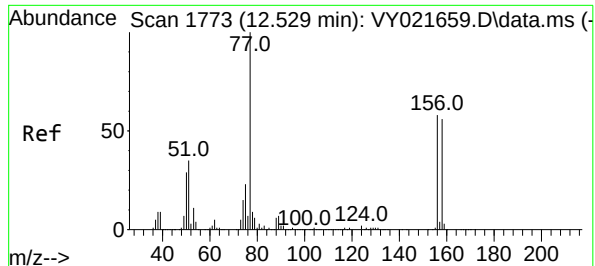
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#76
1,2,3-Trichloropropane
Concen: 142.174 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

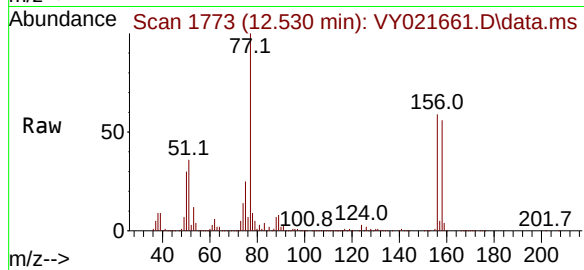
Tgt Ion: 75 Resp: 249855
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 145.881 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

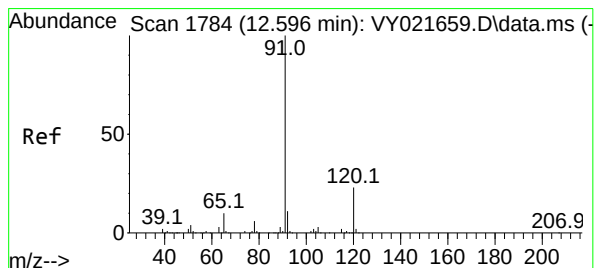
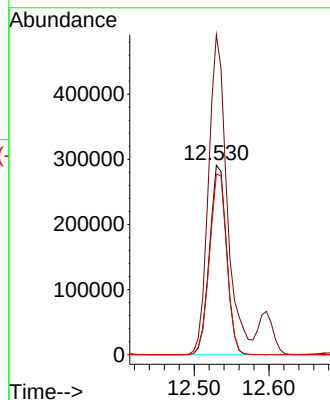
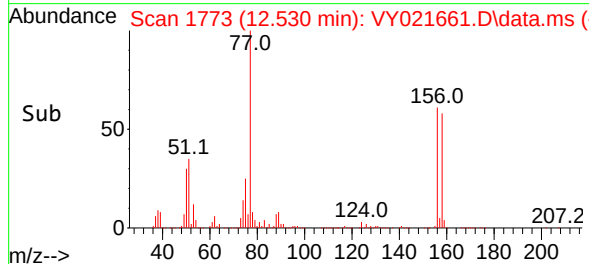
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:156 Resp: 46122
Ion Ratio Lower Upper
156 100
77 184.1 92.8 278.3
158 96.6 48.5 145.6

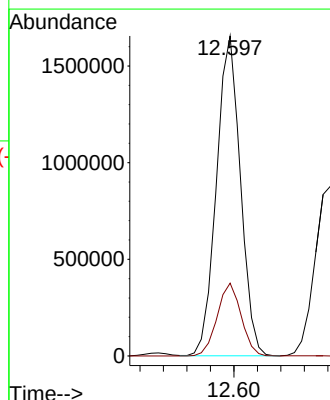
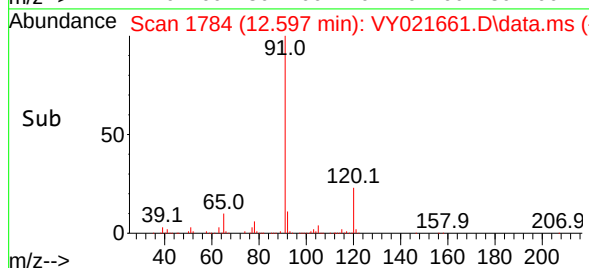
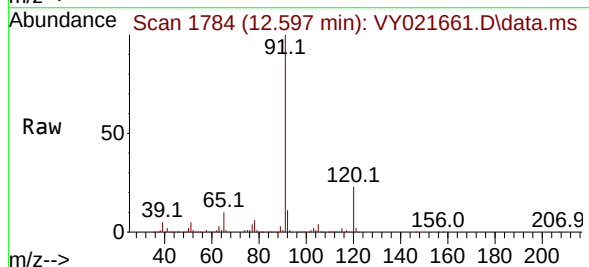
Manual Integrations
APPROVED

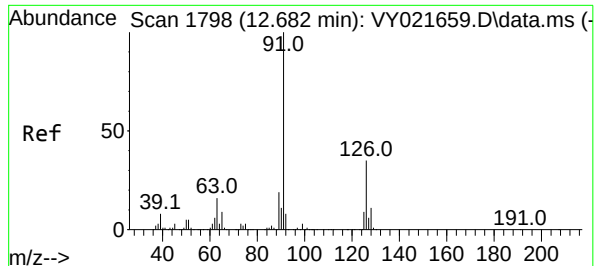
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#78
n-propylbenzene
Concen: 148.082 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 91 Resp: 2344286
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 146.095 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1343328

Ion Ratio Lower Upper

91 100

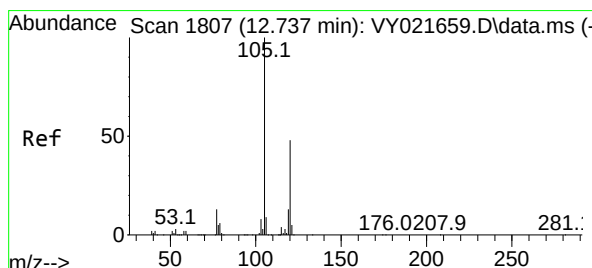
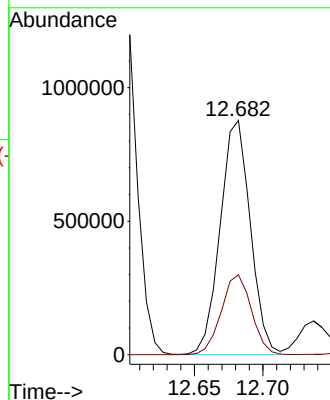
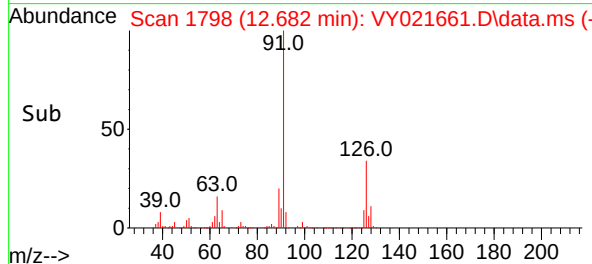
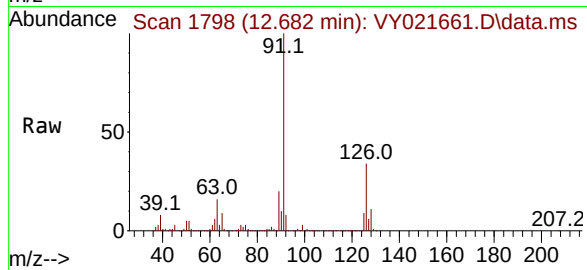
126 34.1 17.3 52.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 149.397 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021661.D

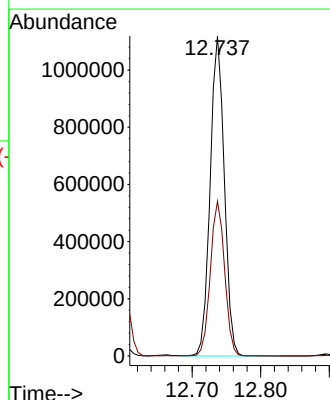
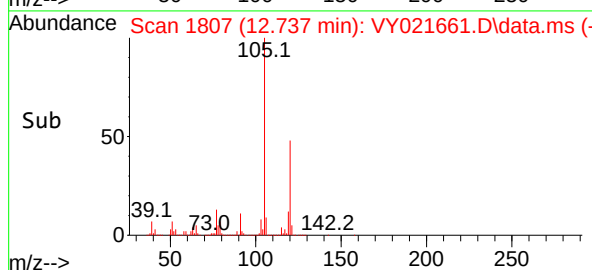
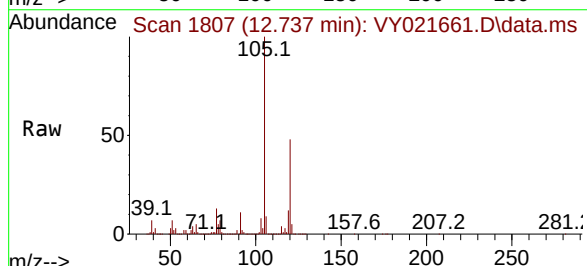
Acq: 27 Mar 2025 12:02

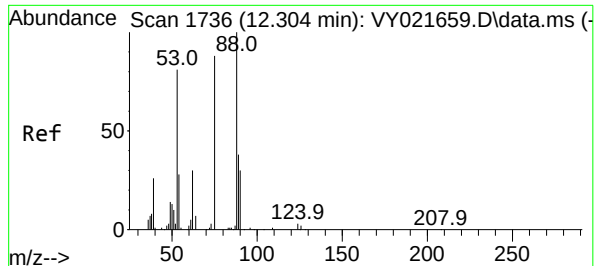
Tgt Ion:105 Resp: 1607812

Ion Ratio Lower Upper

105 100

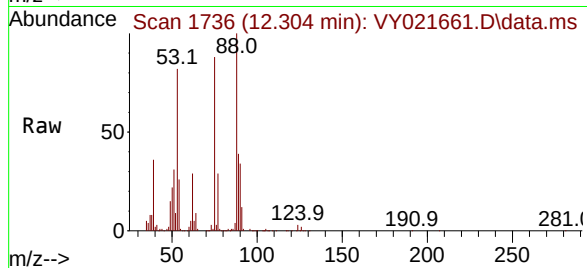
120 48.9 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 156.137 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

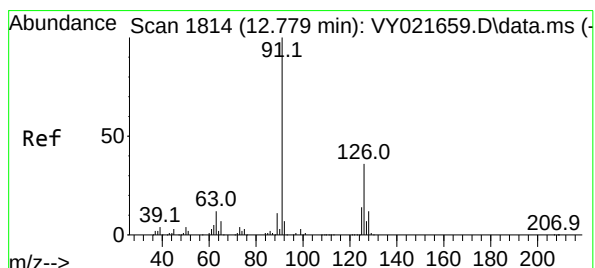
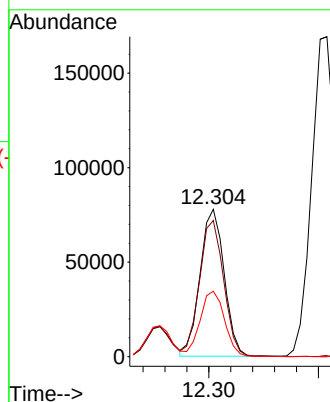
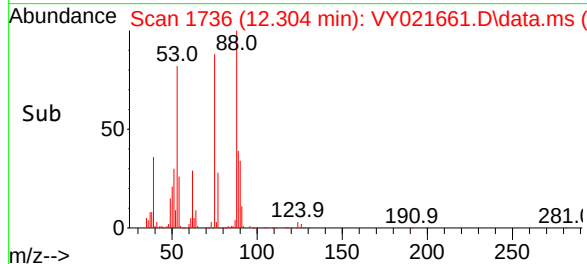
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 119080
Ion Ratio Lower Upper
75 100
53 93.4 76.1 114.1
89 44.8 36.2 54.4

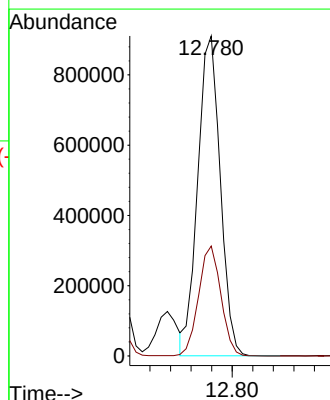
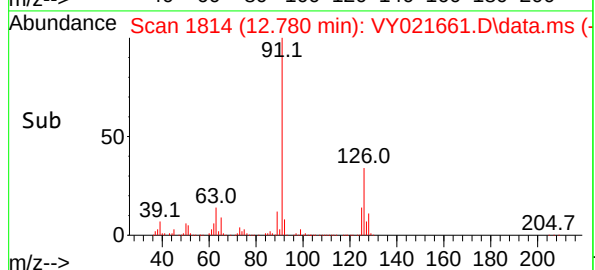
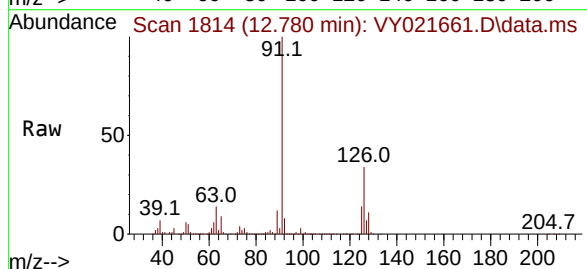
Manual Integrations
APPROVED

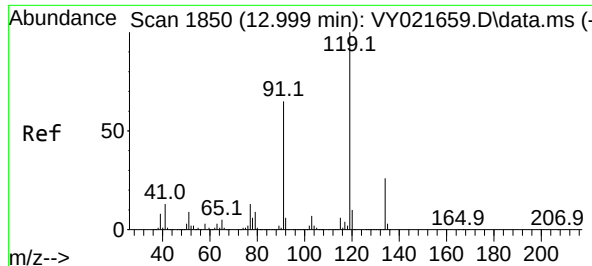
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#82
4-Chlorotoluene
Concen: 144.608 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

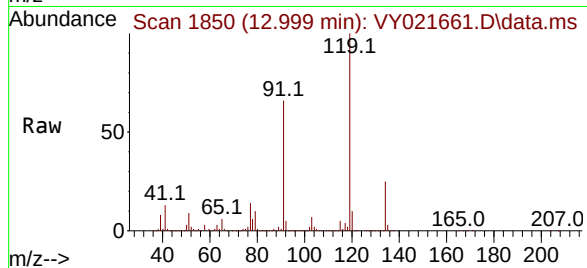
Tgt Ion: 91 Resp: 1386233
Ion Ratio Lower Upper
91 100
126 34.1 17.0 50.9





#83
tert-Butylbenzene
Concen: 150.647 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

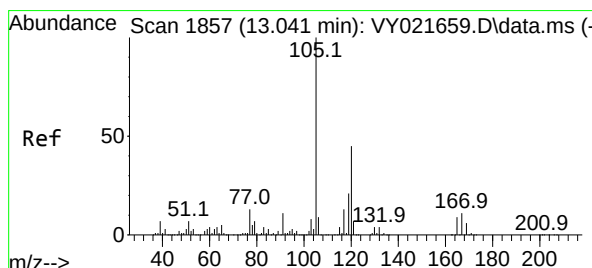
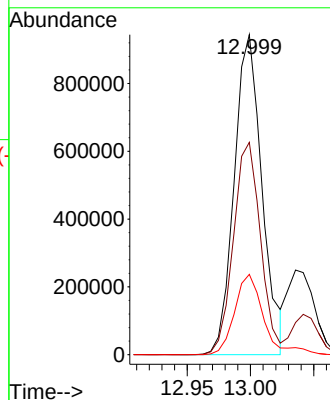
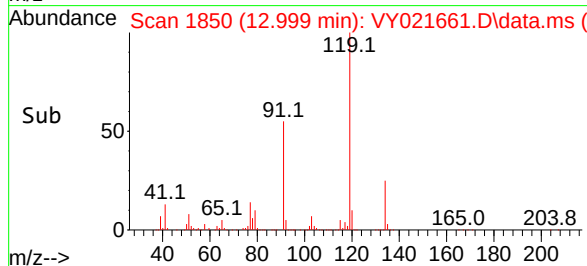
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 144405
Ion Ratio Lower Upper
119 100
91 64.7 32.6 97.7
134 26.3 13.2 39.6

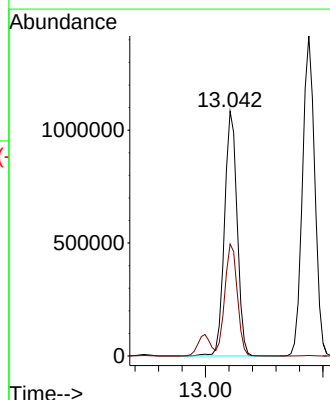
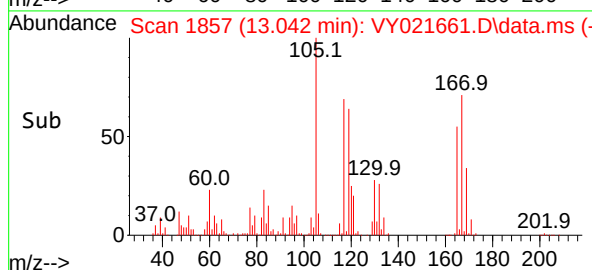
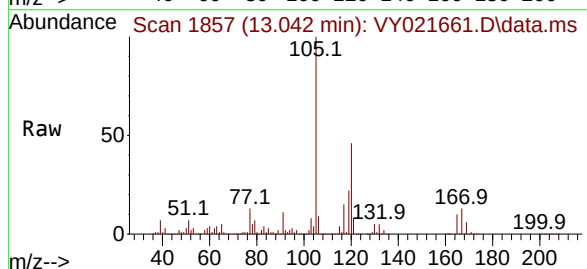
Manual Integrations
APPROVED

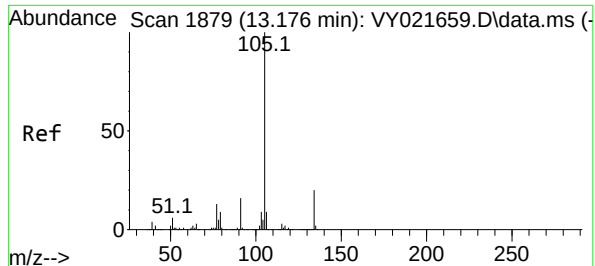
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 152.003 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

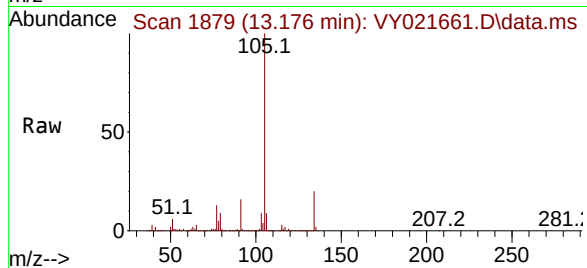
Tgt Ion:105 Resp: 1616812
Ion Ratio Lower Upper
105 100
120 45.2 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 146.493 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021661.D
 Acq: 27 Mar 2025 12:02

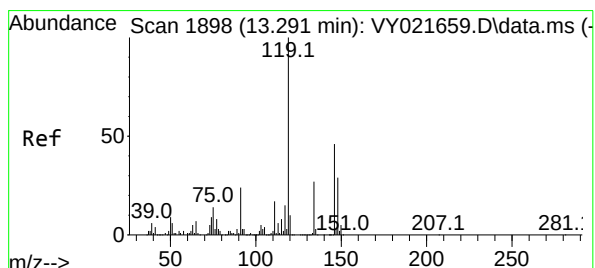
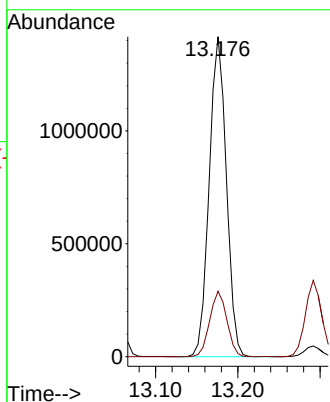
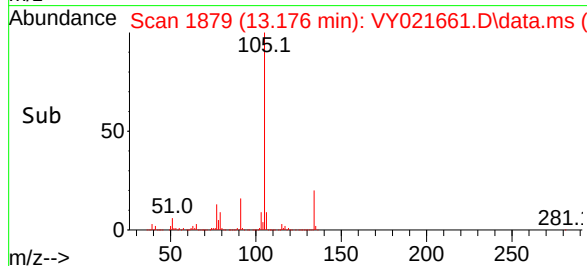
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



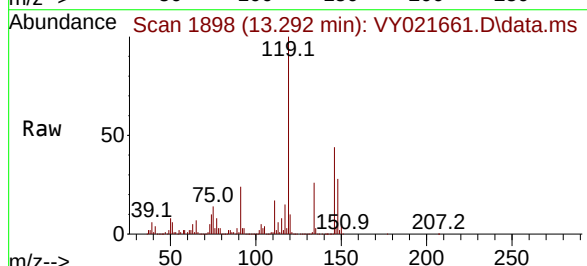
Tgt Ion:105 Resp: 205215
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

Manual Integrations
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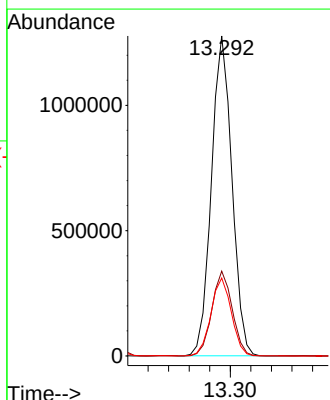
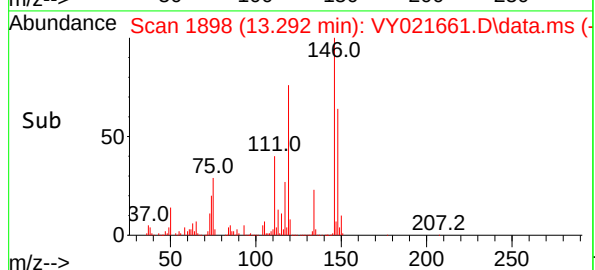
Reviewed By :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

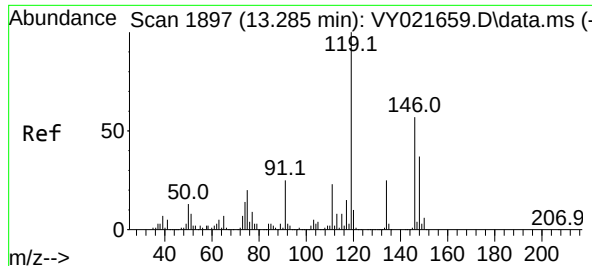


#86
 p-Isopropyltoluene
 Concen: 152.863 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021661.D
 Acq: 27 Mar 2025 12:02



Tgt Ion:119 Resp: 1769866
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 24.2 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 144.177 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 898070

Ion Ratio Lower Upper

146 100

111 40.6 20.0 60.0

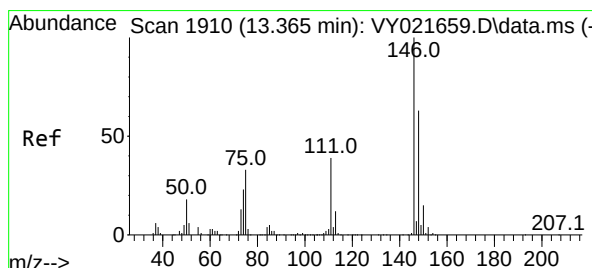
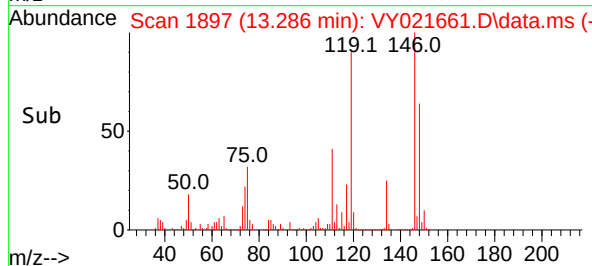
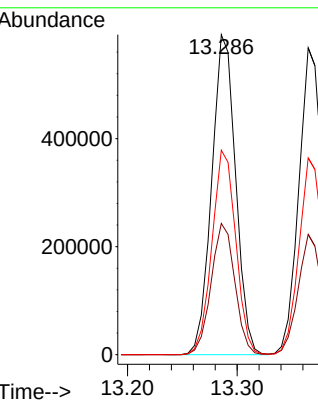
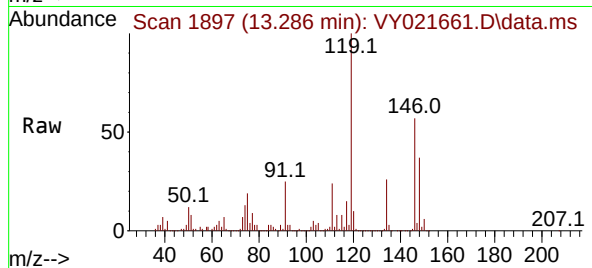
148 63.7 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#88

1,4-Dichlorobenzene

Concen: 140.489 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

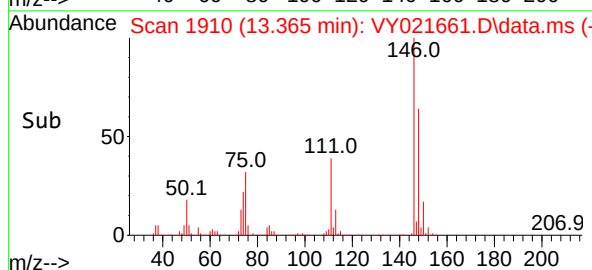
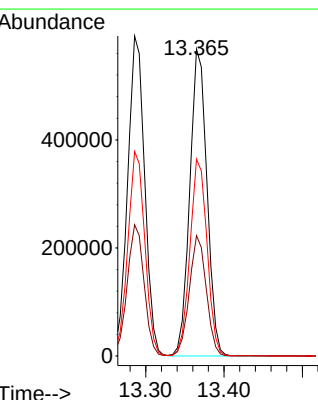
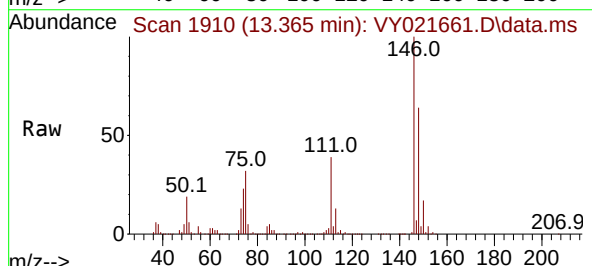
Tgt Ion:146 Resp: 864599

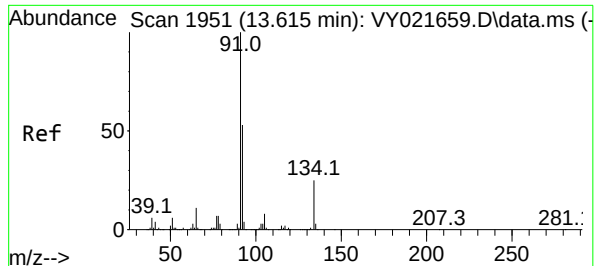
Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.1

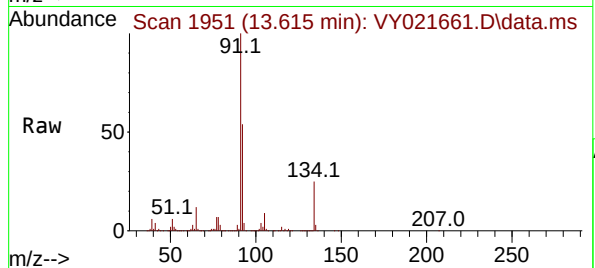
148 63.9 31.5 94.5





#89
n-Butylbenzene
Concen: 150.273 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

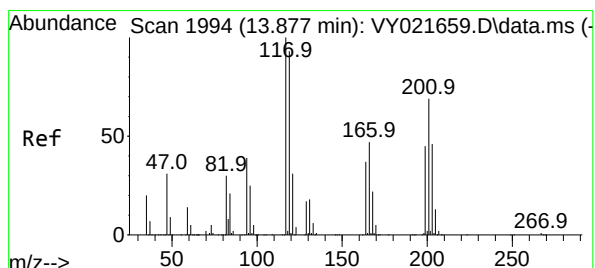
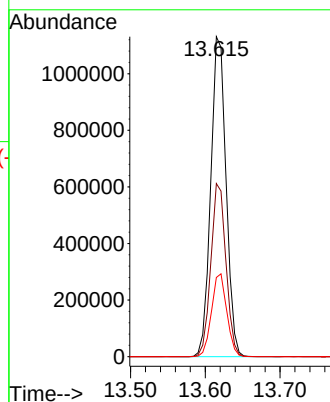
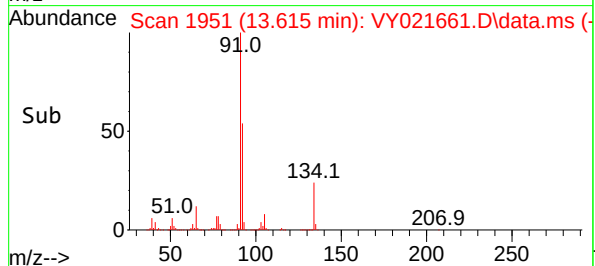
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 1609064
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.2
134 25.9 12.8 38.4

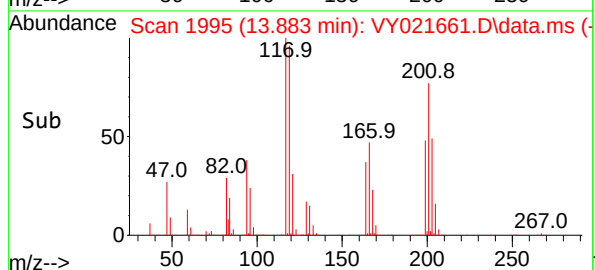
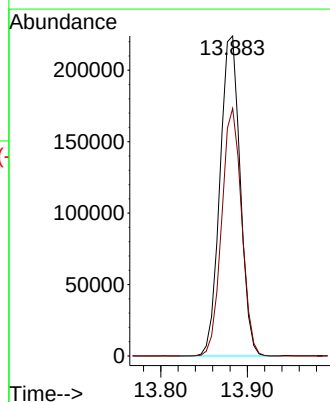
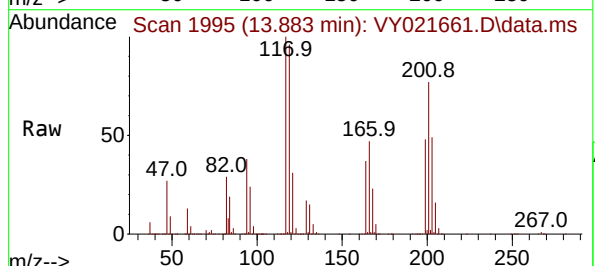
Manual Integrations
APPROVED

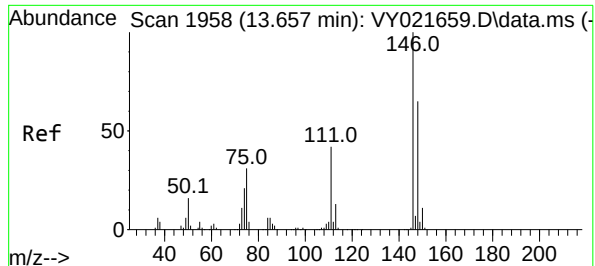
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#90
Hexachloroethane
Concen: 143.167 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

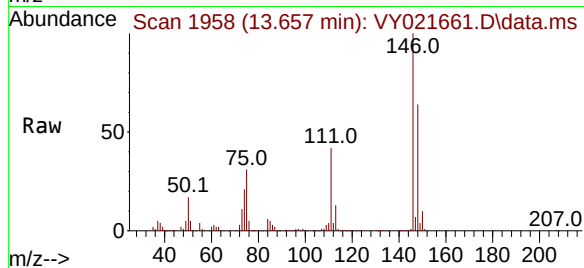
Tgt Ion:117 Resp: 363244
Ion Ratio Lower Upper
117 100
201 76.3 37.4 112.1





#91
1,2-Dichlorobenzene
Concen: 143.668 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

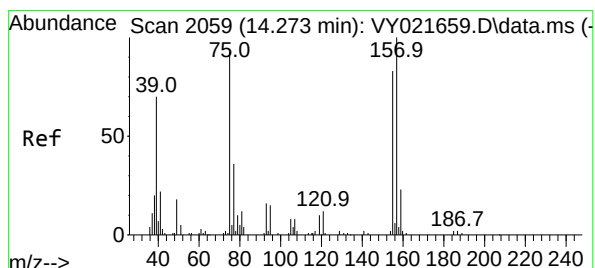
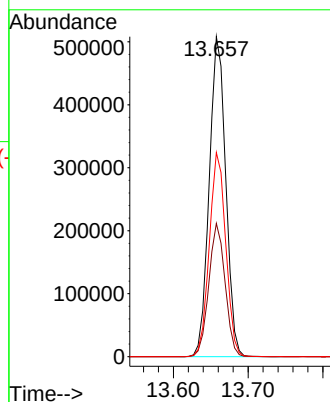
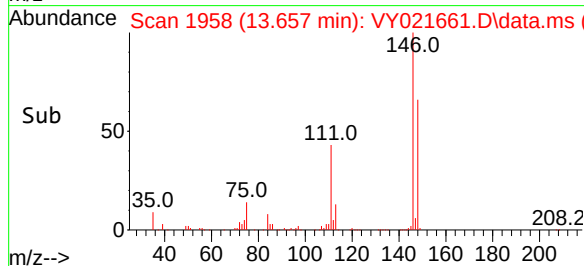
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 77902
Ion Ratio Lower Upper
146 100
111 41.1 20.7 62.1
148 63.6 32.3 96.9

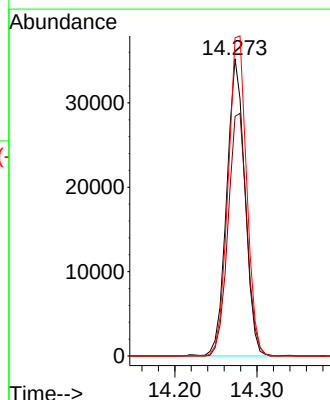
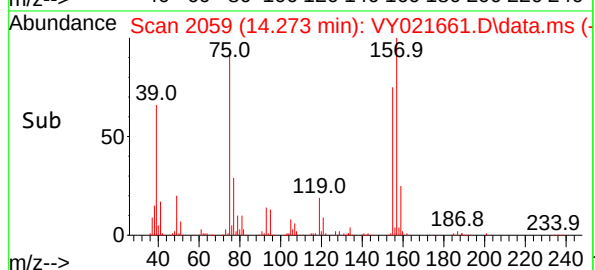
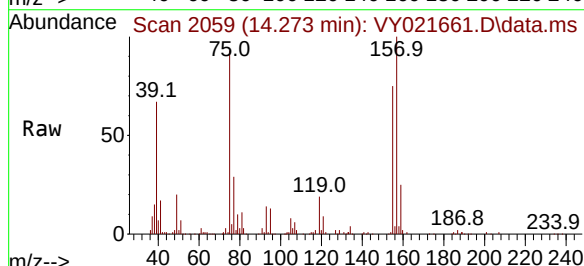
Manual Integrations
APPROVED

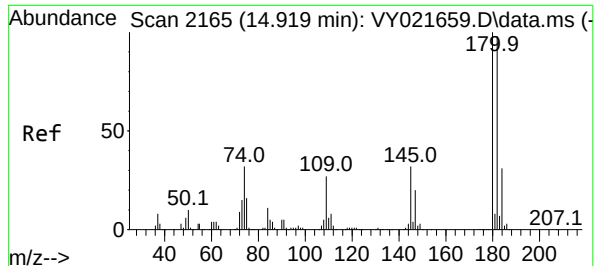
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 147.345 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 75 Resp: 54066
Ion Ratio Lower Upper
75 100
155 84.5 43.0 128.8
157 109.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 160.803 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 47284

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.6

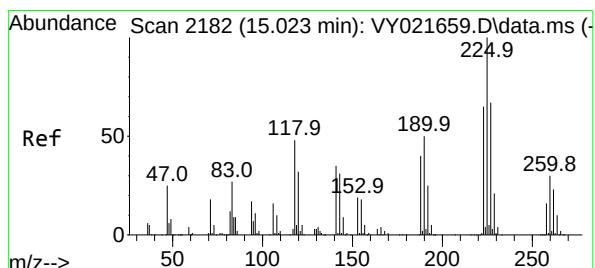
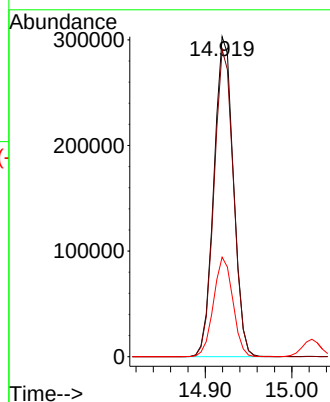
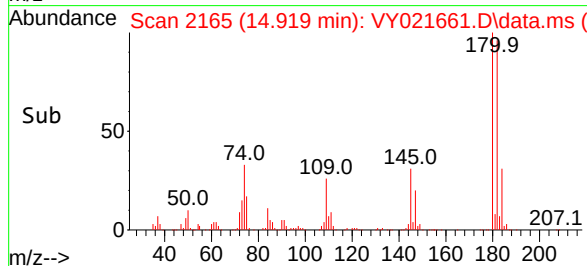
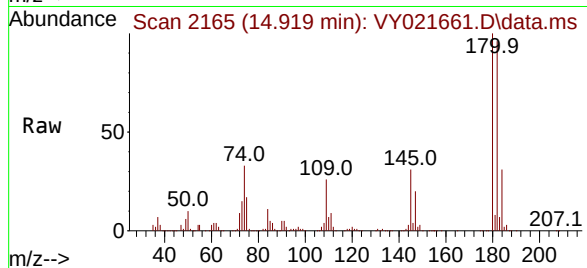
145 30.8 14.9 44.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#94

Hexachlorobutadiene

Concen: 142.491 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

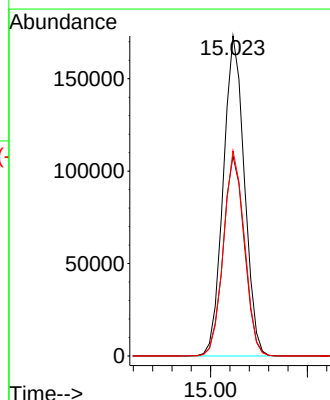
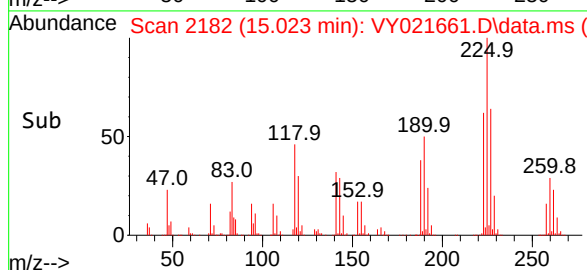
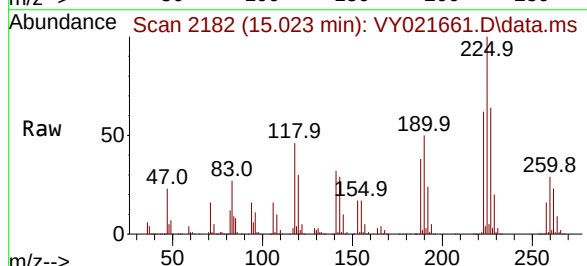
Tgt Ion:225 Resp: 261678

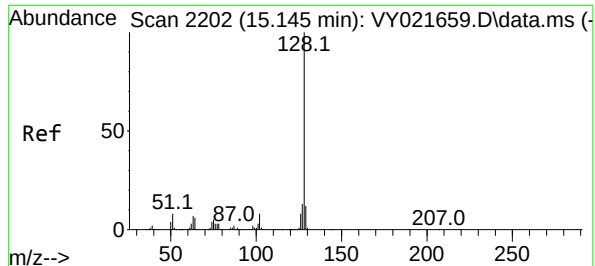
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.7

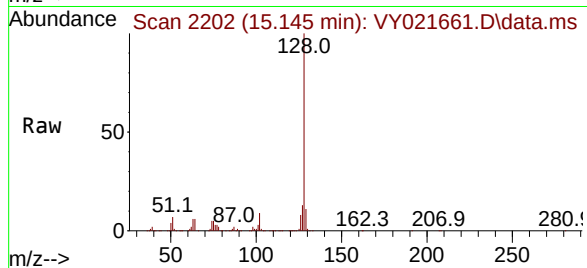
227 63.4 32.4 97.0





#95
Naphthalene
Concen: 176.342 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

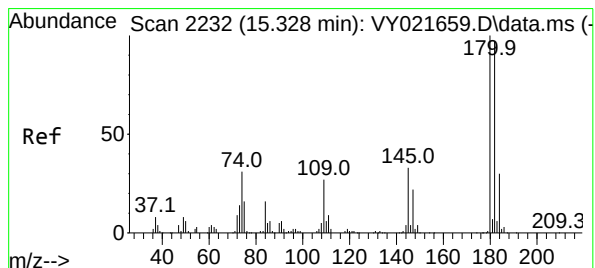
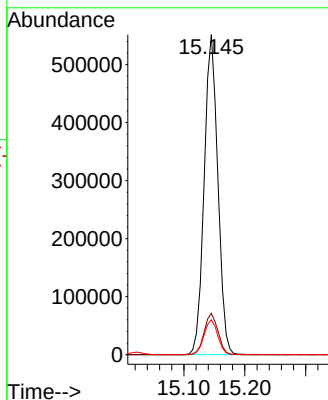
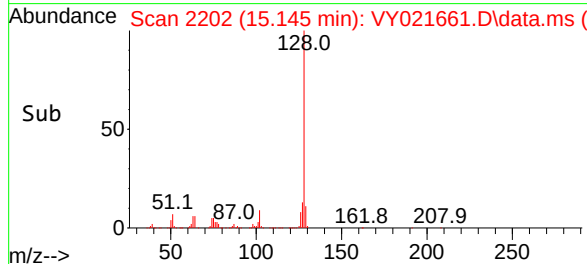
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



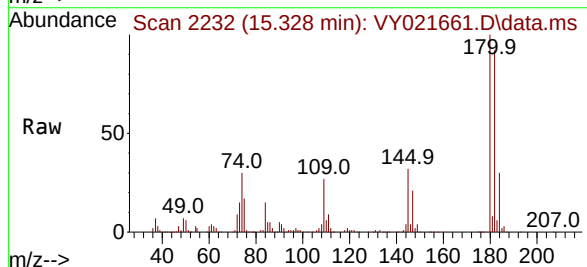
Tgt Ion:128 Resp: 859499
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

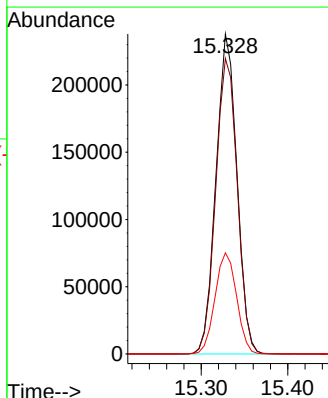
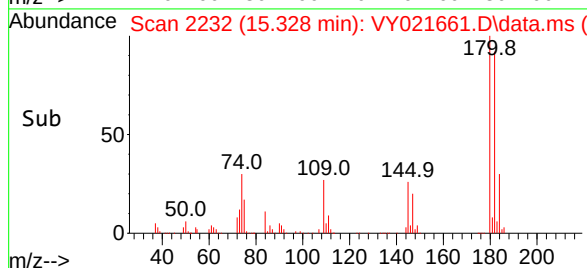
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 159.646 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02



Tgt Ion:180 Resp: 400315
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 32.5 15.9 47.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021663.D
 Acq On : 27 Mar 2025 13:15
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032725

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 03:48:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	241281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	378246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	335061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	166949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137385	52.553	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.100%			
35) Dibromofluoromethane	7.634	113	133092	54.243	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.480%			
50) Toluene-d8	10.109	98	514482	55.117	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.240%			
62) 4-Bromofluorobenzene	12.407	95	174721	55.339	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	121620	48.632	ug/l	99
3) Chloromethane	2.068	50	178572	50.781	ug/l	99
4) Vinyl Chloride	2.202	62	193909	48.759	ug/l	99
5) Bromomethane	2.592	94	133650	49.274	ug/l	99
6) Chloroethane	2.732	64	131646	50.589	ug/l	98
7) Trichlorofluoromethane	3.055	101	264850	51.989	ug/l	96
8) Diethyl Ether	3.458	74	71773	51.807	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.817	101	129542	48.213	ug/l	97
10) Methyl Iodide	4.006	142	144020	48.859	ug/l	99
11) Tert butyl alcohol	4.860	59	40598	239.093	ug/l	98
12) 1,1-Dichloroethene	3.787	96	123904	48.958	ug/l	99
13) Acrolein	3.653	56	77430	249.738	ug/l	100
14) Allyl chloride	4.384	41	203289	50.380	ug/l	99
15) Acrylonitrile	5.061	53	142349	246.085	ug/l	99
16) Acetone	3.866	43	125654	234.856	ug/l	99
17) Carbon Disulfide	4.104	76	412021	49.428	ug/l	99
18) Methyl Acetate	4.384	43	64580	48.703	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	318579	50.561	ug/l	97
20) Methylene Chloride	4.616	84	139443	53.536	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	139842	50.186	ug/l	95
22) Diisopropyl ether	6.018	45	434011	51.273	ug/l	98
23) Vinyl Acetate	5.957	43	1270842	256.638	ug/l	98
24) 1,1-Dichloroethane	5.915	63	253080	50.001	ug/l	99
25) 2-Butanone	6.890	43	184108	240.921	ug/l	99
26) 2,2-Dichloropropane	6.884	77	221076	49.103	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	159206	50.806	ug/l	99
28) Bromochloromethane	7.244	49	107500	50.360	ug/l	98
29) Tetrahydrofuran	7.262	42	121613	247.271	ug/l	99
30) Chloroform	7.420	83	260540	49.490	ug/l	100
31) Cyclohexane	7.701	56	220748	47.844	ug/l	97
32) 1,1,1-Trichloroethane	7.615	97	234663	49.319	ug/l	99
36) 1,1-Dichloropropene	7.835	75	188082	50.326	ug/l	100
37) Ethyl Acetate	6.981	43	86681	49.145	ug/l	99
38) Carbon Tetrachloride	7.817	117	213223	49.814	ug/l	99
39) Methylcyclohexane	9.109	83	231457	51.843	ug/l	96
40) Benzene	8.079	78	566027	50.574	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021663.D
 Acq On : 27 Mar 2025 13:15
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032725

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 03:48:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	44469	47.475	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	156359	49.556	ug/l	99
43) Isopropyl Acetate	8.195	43	167476	50.106	ug/l #	87
44) Trichloroethene	8.865	130	142392	49.933	ug/l	98
45) 1,2-Dichloropropane	9.140	63	132882	50.158	ug/l	95
46) Dibromomethane	9.231	93	76421	50.052	ug/l	98
47) Bromodichloromethane	9.426	83	199912	50.530	ug/l	99
48) Methyl methacrylate	9.219	41	79887	52.076	ug/l	98
49) 1,4-Dioxane	9.225	88	16464	1006.593	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	439879	252.890	ug/l	100
52) Toluene	10.170	92	360002	51.555	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	179752	51.152	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	212066	51.154	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	97567	49.656	ug/l	99
56) Ethyl methacrylate	10.438	69	136411	54.371	ug/l	98
57) 1,3-Dichloropropane	10.719	76	171579	50.563	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	338673	276.714	ug/l	99
59) 2-Hexanone	10.761	43	295472	255.065	ug/l	99
60) Dibromochloromethane	10.914	129	135955	50.679	ug/l	100
61) 1,2-Dibromoethane	11.017	107	93947	50.970	ug/l	99
64) Tetrachloroethene	10.645	164	145736	47.757	ug/l	98
65) Chlorobenzene	11.444	112	386987	50.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	138442	50.802	ug/l	99
67) Ethyl Benzene	11.517	91	689434	52.346	ug/l	100
68) m/p-Xylenes	11.627	106	531589	105.402	ug/l	100
69) o-Xylene	11.956	106	247091	53.075	ug/l	99
70) Styrene	11.968	104	416261	53.627	ug/l	99
71) Bromoform	12.133	173	78932	50.778	ug/l #	99
73) Isopropylbenzene	12.255	105	653541	52.705	ug/l	100
74) N-amyl acetate	12.072	43	152268	52.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	109833	49.266	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	70644m	42.688	ug/l	
77) Bromobenzene	12.535	156	152211	51.125	ug/l	99
78) n-propylbenzene	12.596	91	792814	53.182	ug/l	100
79) 2-Chlorotoluene	12.682	91	447402	51.671	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	539512	53.236	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	35543	49.488	ug/l	97
82) 4-Chlorotoluene	12.779	91	469122	51.969	ug/l	100
83) tert-Butylbenzene	12.999	119	474947	52.616	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	535411	53.454	ug/l	100
85) sec-Butylbenzene	13.175	105	692180	52.471	ug/l	100
86) p-Isopropyltoluene	13.291	119	583069	53.479	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	299075	50.987	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	288264	49.741	ug/l	99
89) n-Butylbenzene	13.621	91	533666	52.927	ug/l	100
90) Hexachloroethane	13.883	117	120546	50.454	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	257071	50.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	16750	48.476	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	142409	51.429	ug/l	100
94) Hexachlorobutadiene	15.029	225	86891	50.245	ug/l	96
95) Naphthalene	15.145	128	237561	51.759	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	119575	50.640	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021663.D
Acq On : 27 Mar 2025 13:15
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 03:48:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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

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

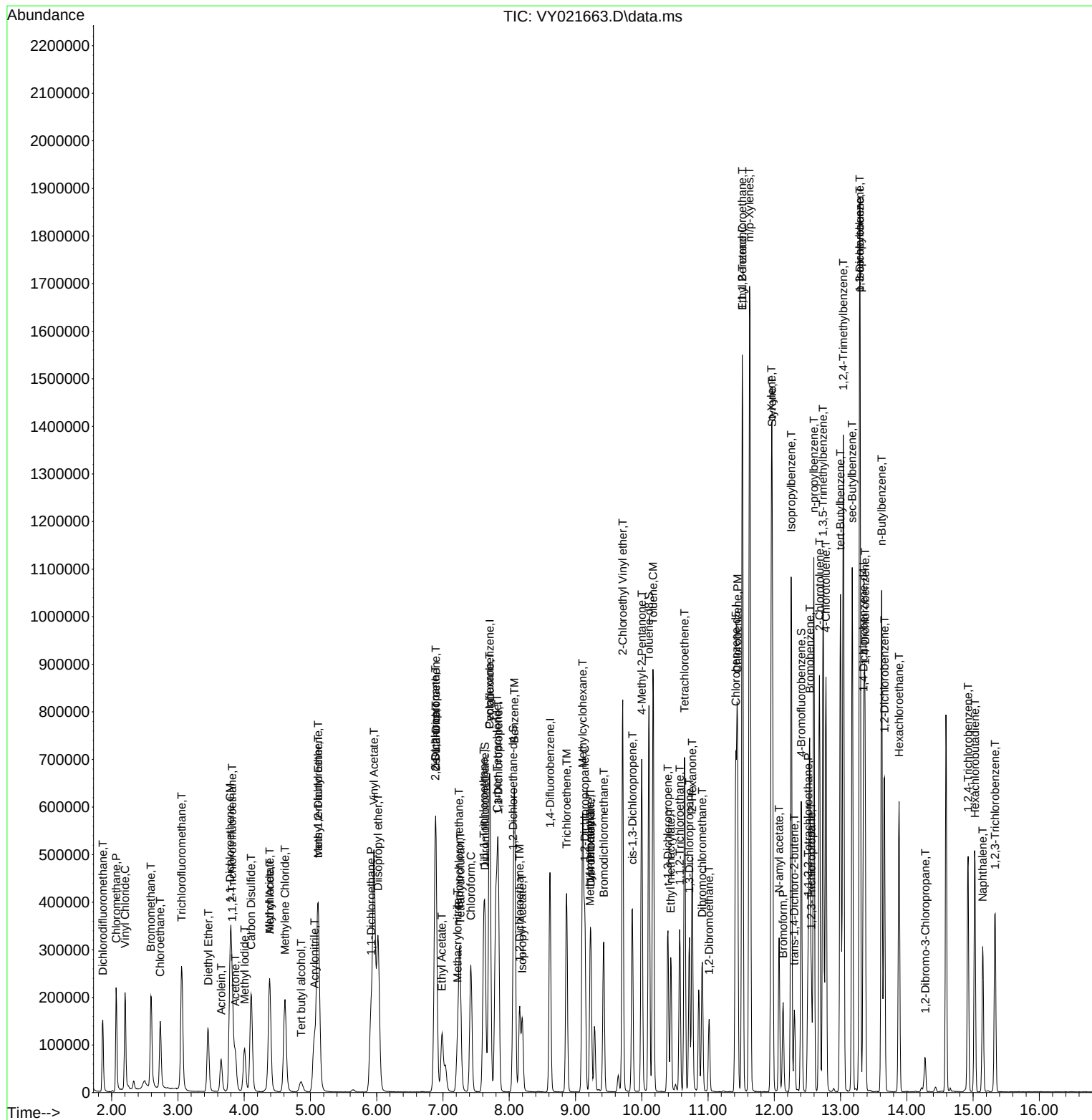
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Data File : VY021663.D
Acq On : 27 Mar 2025 13:15
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

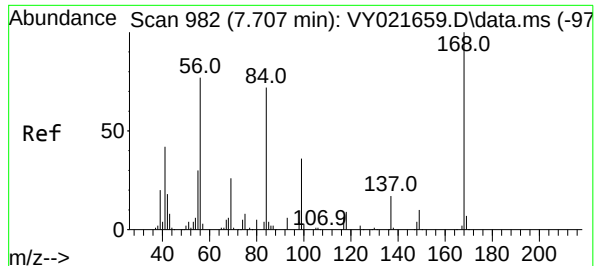
Instrument :
MSVOA_Y
ClientSampleId :
ICVY032725

Manual Integrations APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 03:48:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration





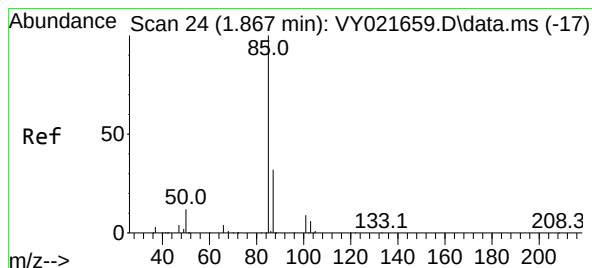
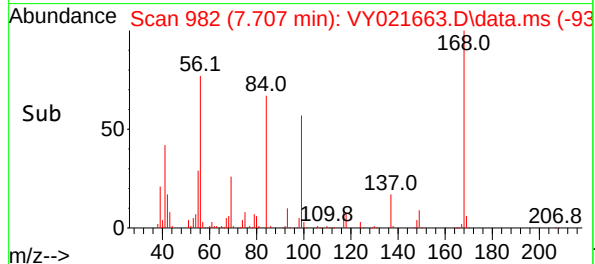
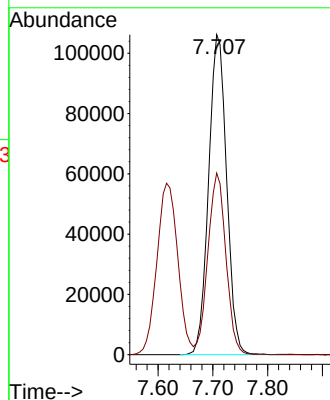
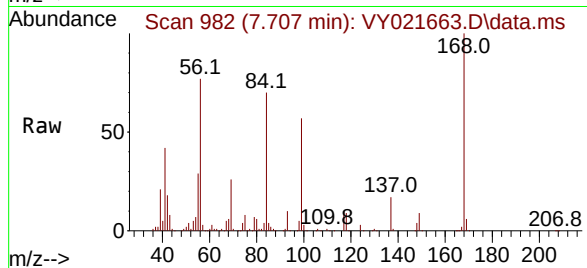
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725

Tgt Ion:168 Resp: 24128
Ion Ratio Lower Upper
168 100
99 56.7 46.7 70.1

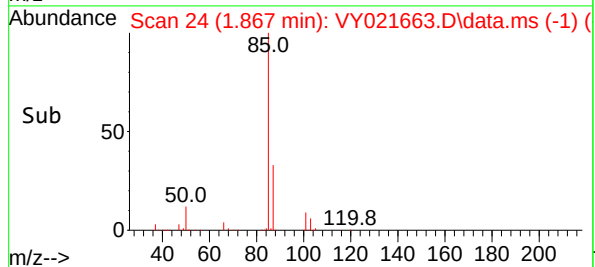
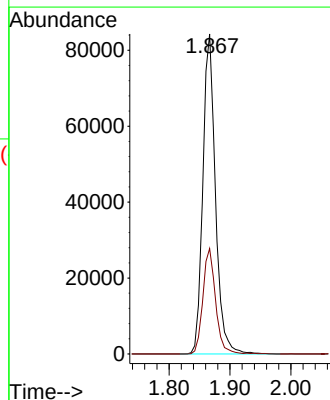
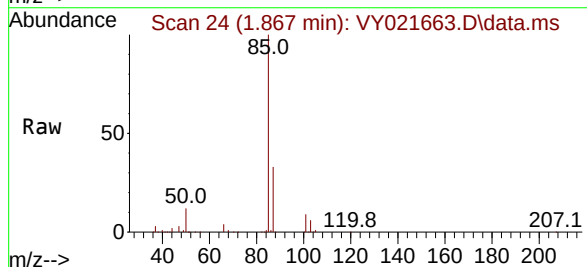
Manual Integrations
APPROVED

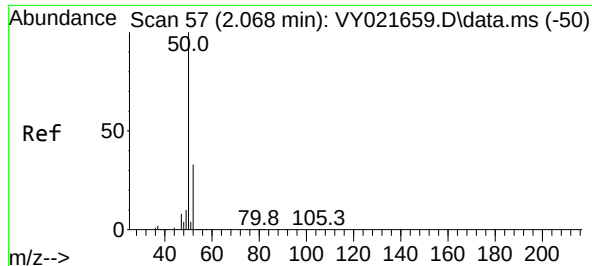
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#2
Dichlorodifluoromethane
Concen: 48.632 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

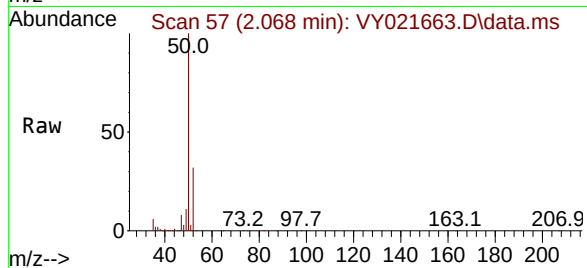
Tgt Ion: 85 Resp: 121620
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6





#3
Chloromethane
Concen: 50.781 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

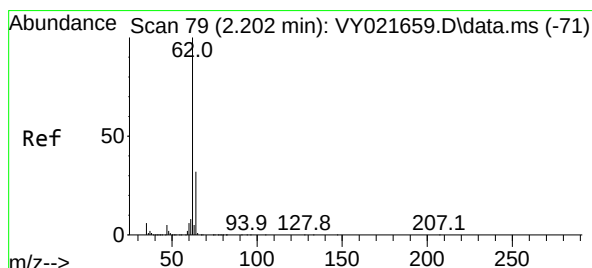
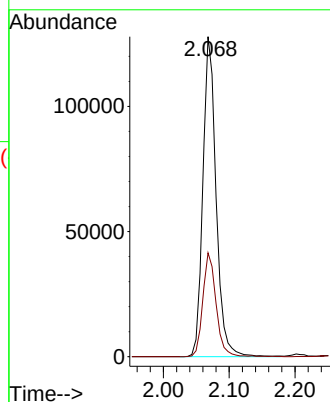
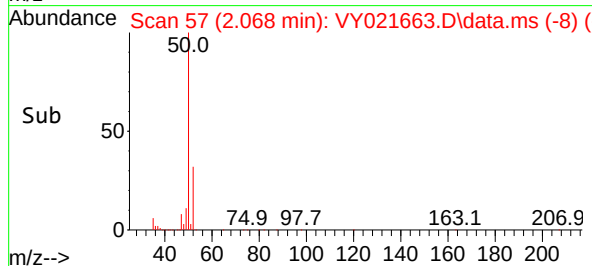
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion: 50 Resp: 178572
Ion Ratio Lower Upper
50 100
52 32.4 26.3 39.5

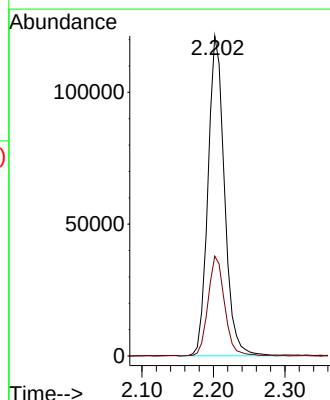
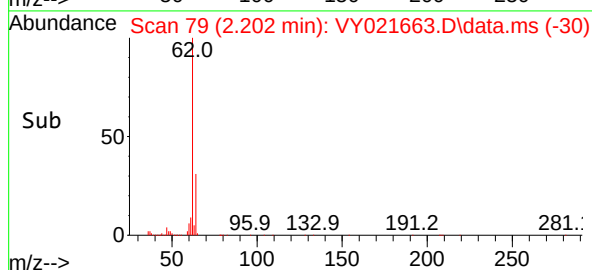
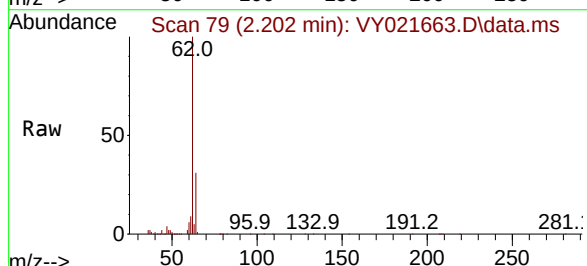
Manual Integrations
APPROVED

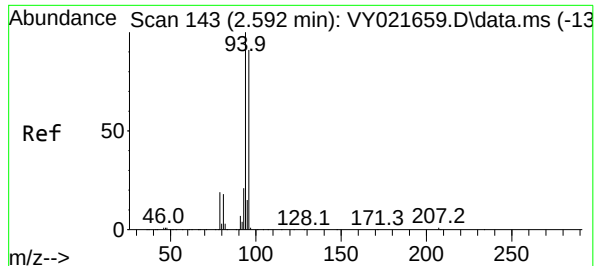
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#4
Vinyl Chloride
Concen: 48.759 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

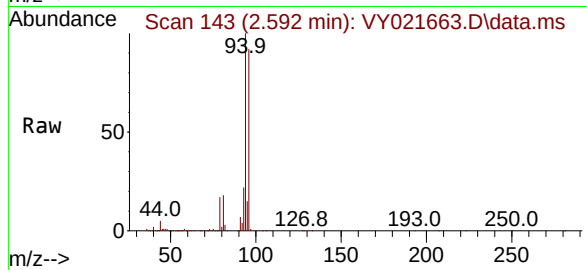
Tgt Ion: 62 Resp: 193909
Ion Ratio Lower Upper
62 100
64 31.2 25.5 38.3





#5
Bromomethane
Concen: 49.274 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

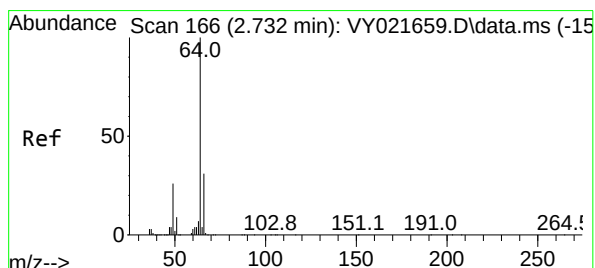
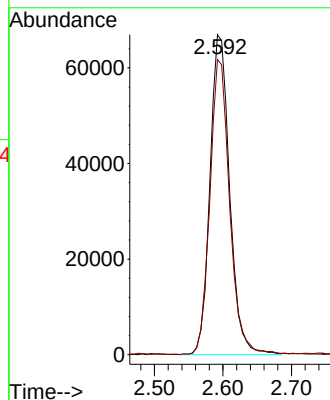
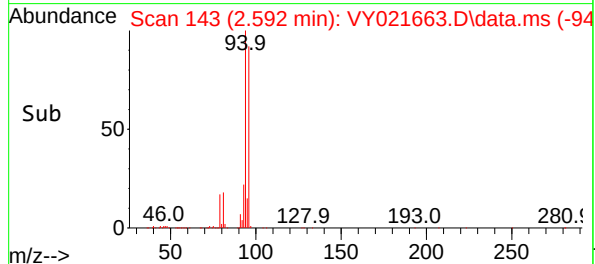
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



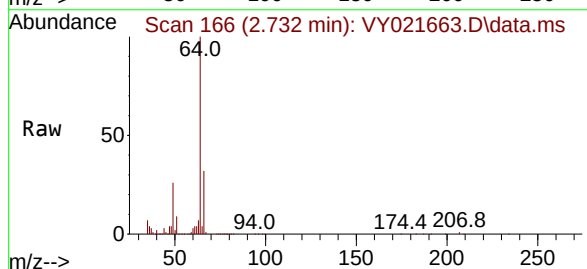
Tgt Ion: 94 Resp: 133650
Ion Ratio Lower Upper
94 100
96 92.1 72.8 109.2

Manual Integrations
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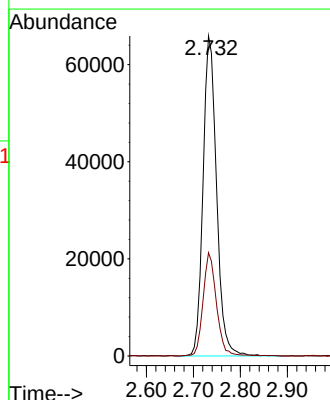
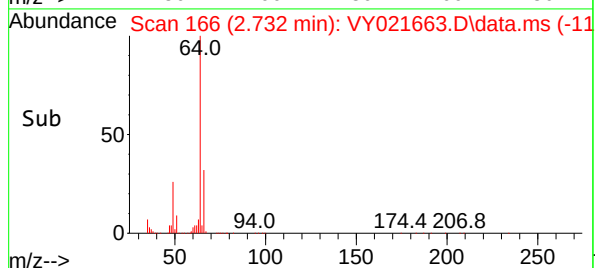
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

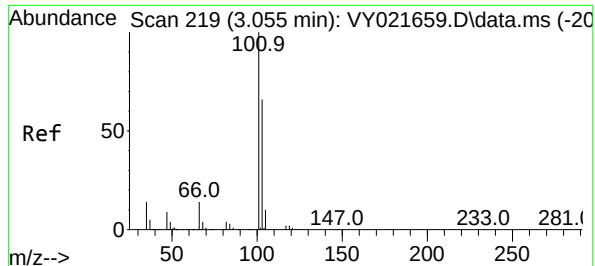


#6
Chloroethane
Concen: 50.589 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15



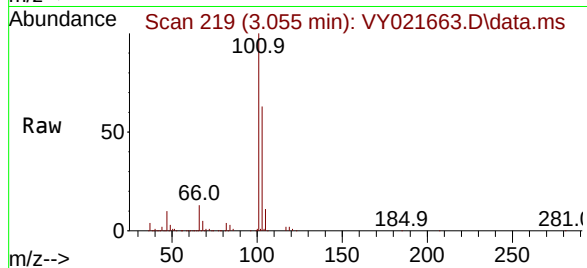
Tgt Ion: 64 Resp: 131646
Ion Ratio Lower Upper
64 100
66 32.2 24.9 37.3





#7
Trichlorofluoromethane
Concen: 51.989 ug/l
RT: 3.055 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

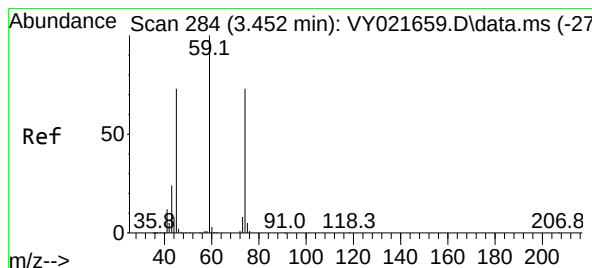
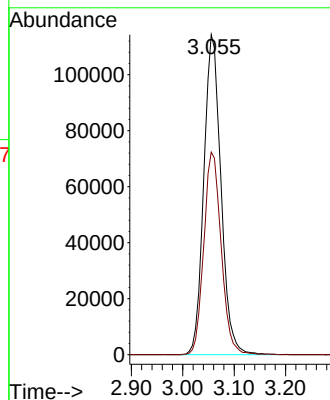
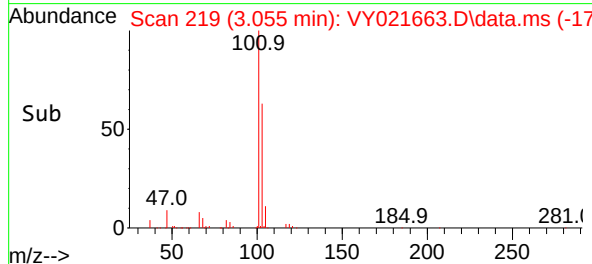
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion:101 Resp: 264850
Ion Ratio Lower Upper
101 100
103 63.3 53.1 79.7

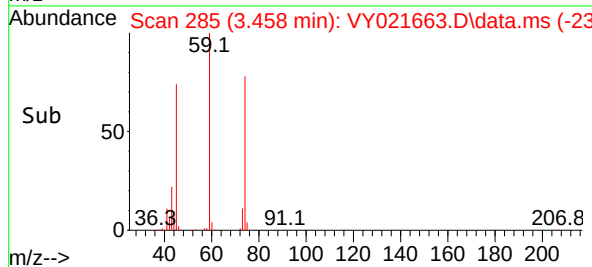
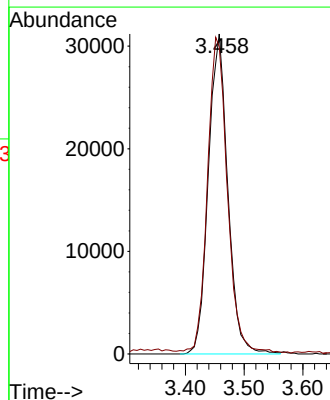
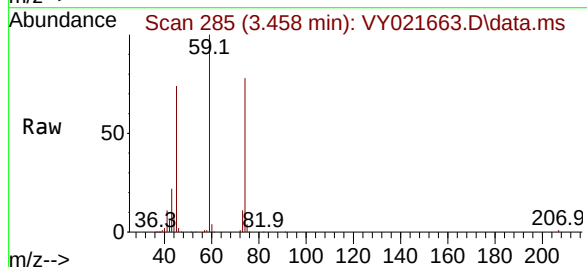
Manual Integrations
APPROVED

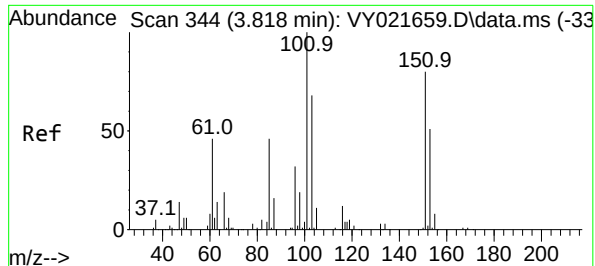
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#8
Diethyl Ether
Concen: 51.807 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

Tgt Ion: 74 Resp: 71773
Ion Ratio Lower Upper
74 100
45 101.3 48.6 145.8





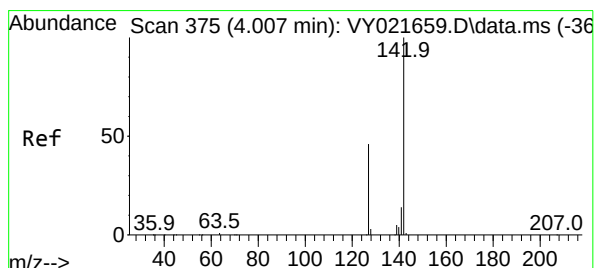
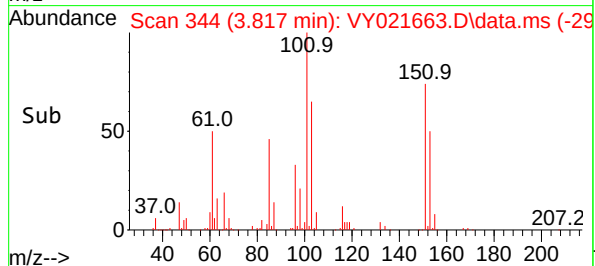
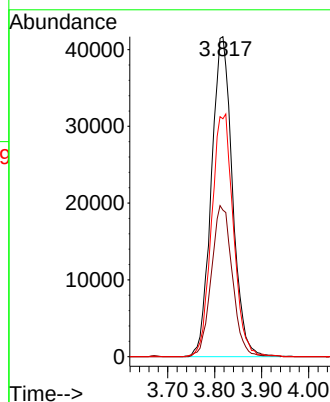
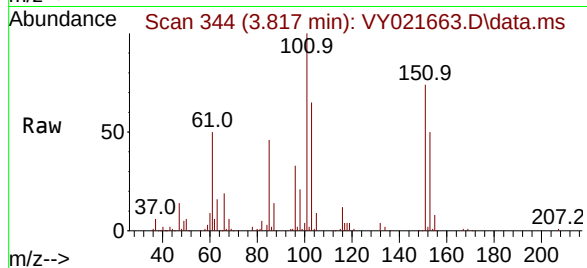
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.213 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725

Tgt Ion:101 Resp: 12954
Ion Ratio Lower Upper
101 100
85 47.2 36.3 54.5
151 78.7 61.3 91.9

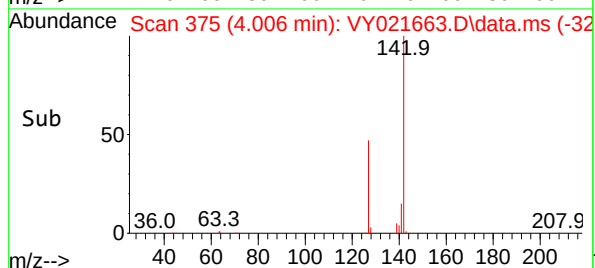
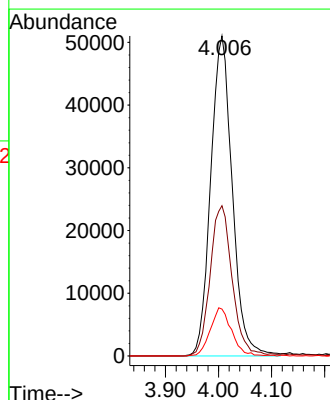
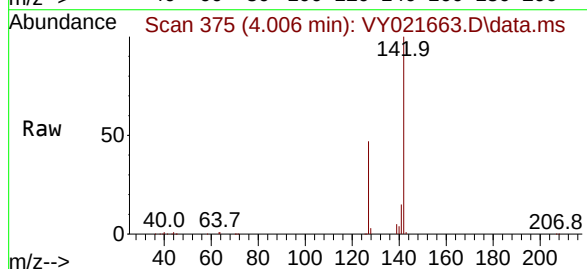
Manual Integrations
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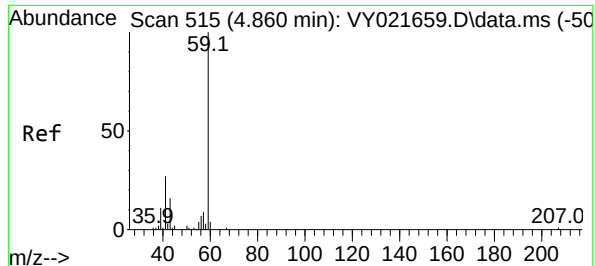
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 48.859 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

Tgt Ion:142 Resp: 144020
Ion Ratio Lower Upper
142 100
127 47.9 38.7 58.1
141 14.8 11.5 17.3





#11

Tert butyl alcohol

Concen: 239.093 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032725

Tgt Ion: 59 Resp: 40598

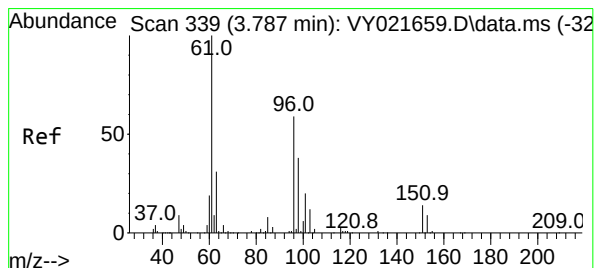
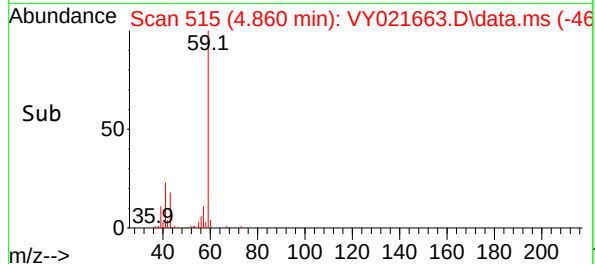
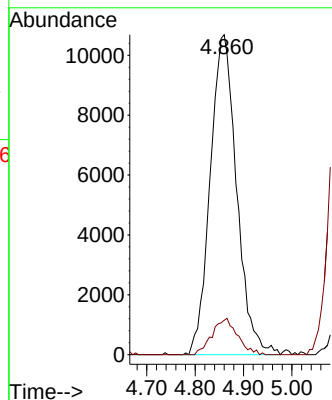
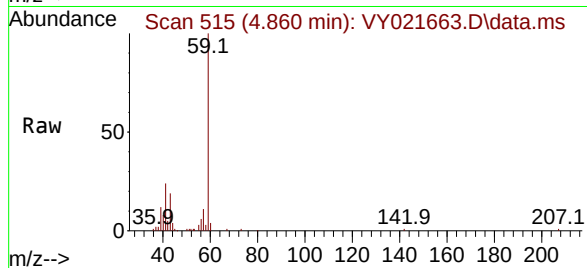
Ion Ratio Lower Upper

59 100

57 10.9 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#12

1,1-Dichloroethene

Concen: 48.958 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

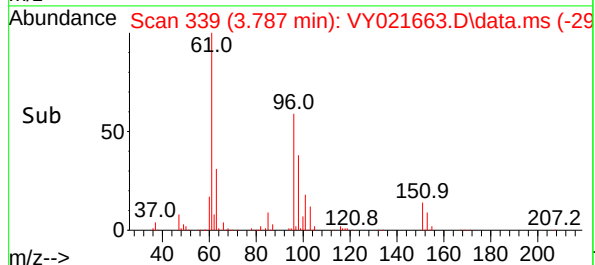
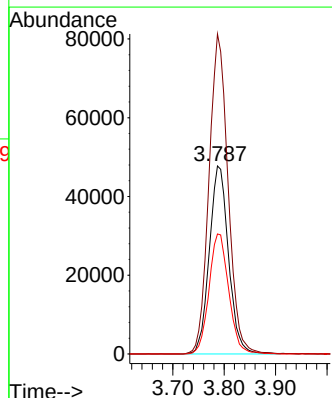
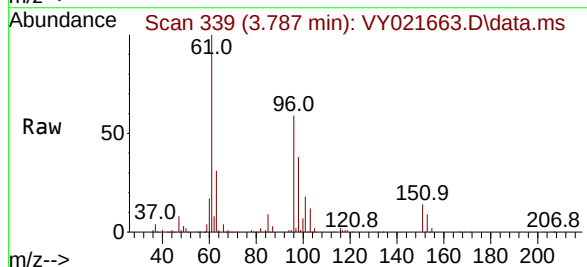
Tgt Ion: 96 Resp: 123904

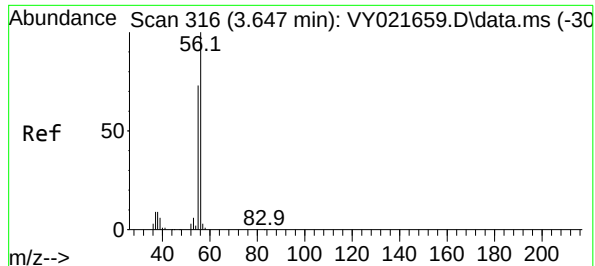
Ion Ratio Lower Upper

96 100

61 170.1 136.6 204.8

98 63.8 52.3 78.5





#13

Acrolein

Concen: 249.738 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY032725

Tgt Ion: 56 Resp: 77430

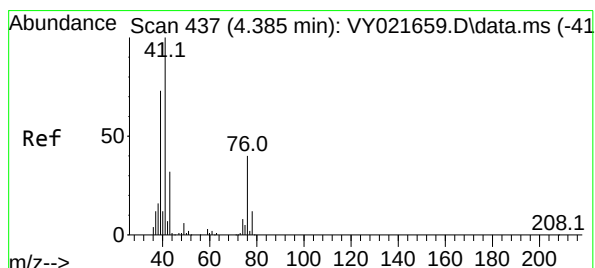
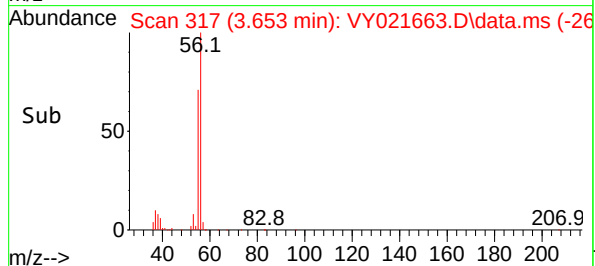
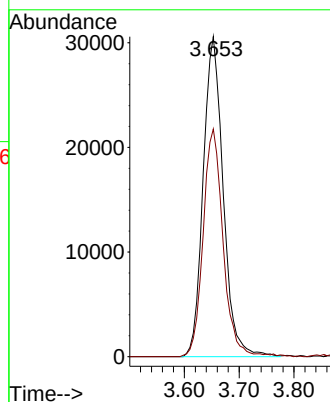
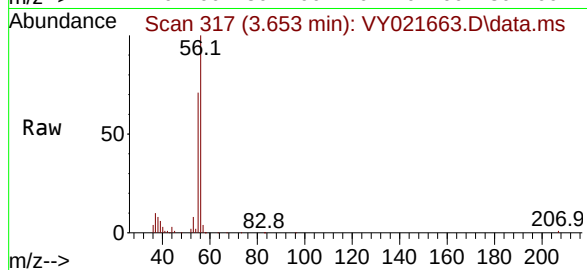
Ion Ratio Lower Upper

56 100

55 71.0 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#14

Allyl chloride

Concen: 50.380 ug/l

RT: 4.384 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

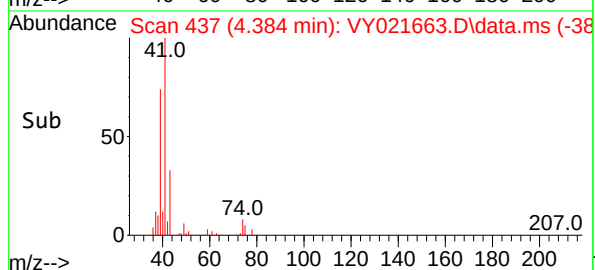
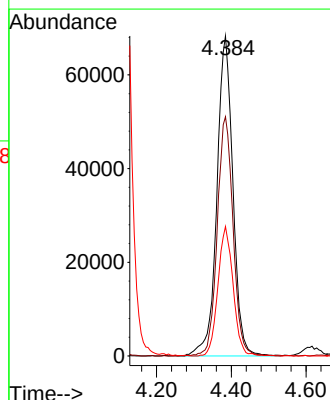
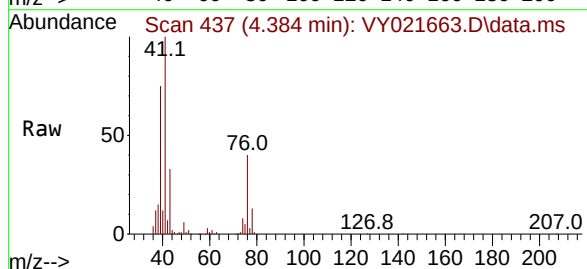
Tgt Ion: 41 Resp: 203289

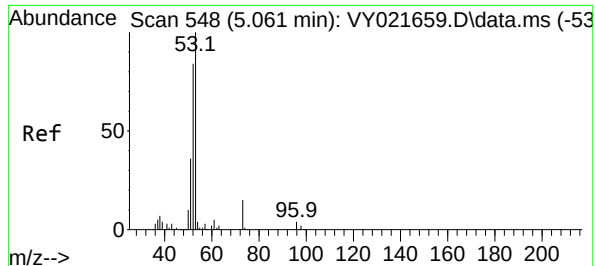
Ion Ratio Lower Upper

41 100

39 73.9 58.6 88.0

76 38.3 30.3 45.5





#15

Acrylonitrile

Concen: 246.085 ug/l

RT: 5.061 min Scan# 54

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032725

Tgt Ion: 53 Resp: 142349

Ion Ratio Lower Upper

53 100

52 81.9 64.9 97.3

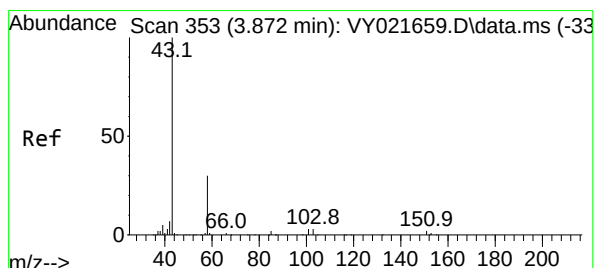
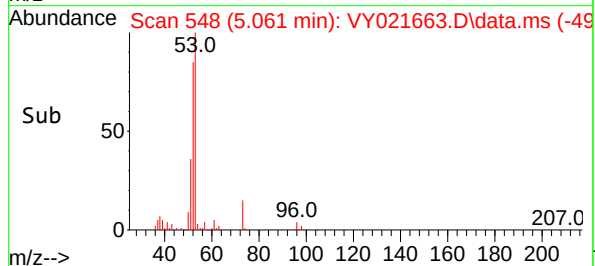
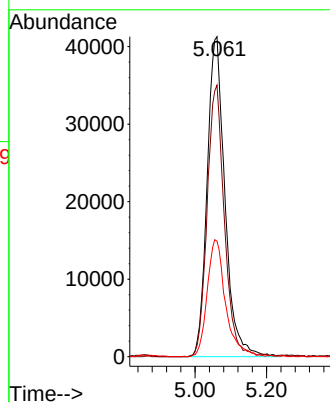
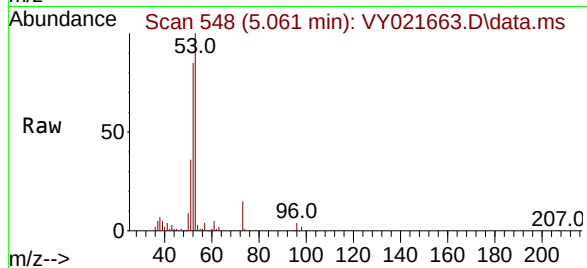
51 37.9 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#16

Acetone

Concen: 234.856 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY021663.D

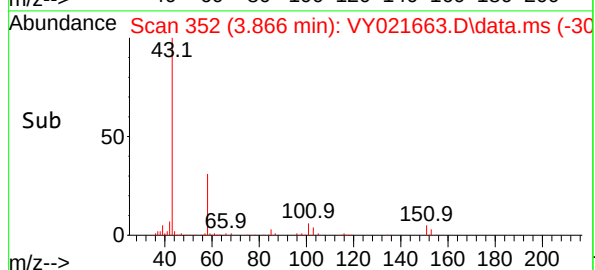
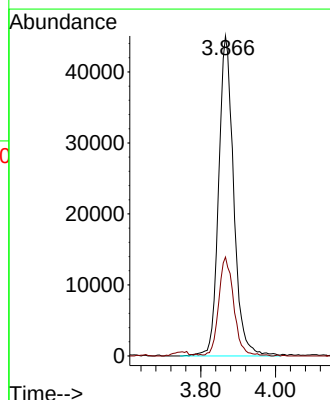
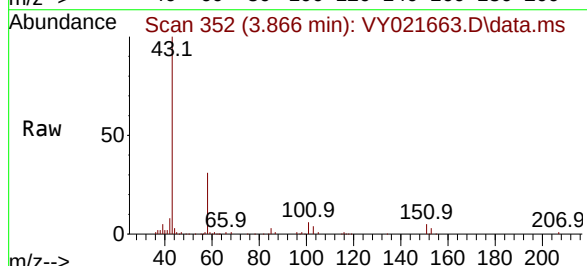
Acq: 27 Mar 2025 13:15

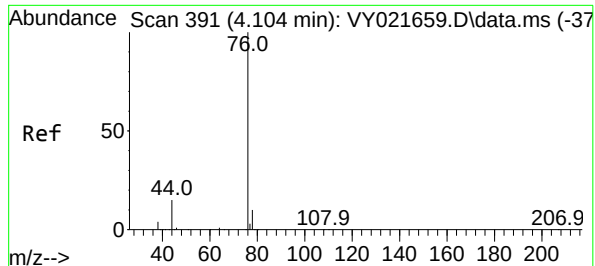
Tgt Ion: 43 Resp: 125654

Ion Ratio Lower Upper

43 100

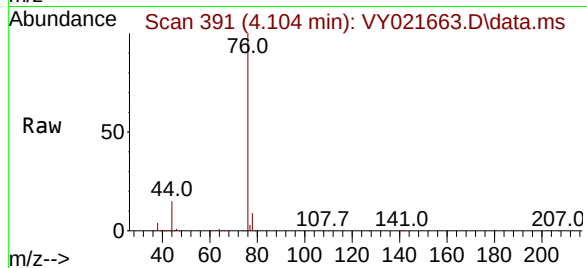
58 30.9 24.2 36.4





#17
Carbon Disulfide
Concen: 49.428 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

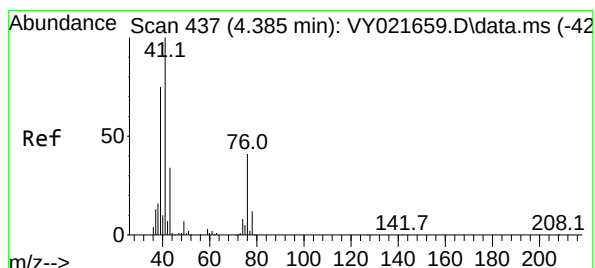
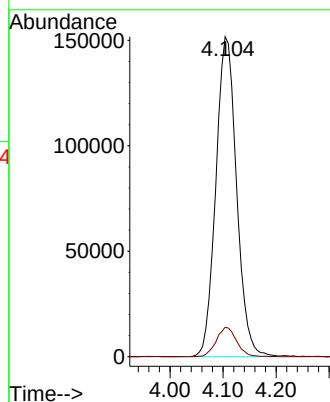
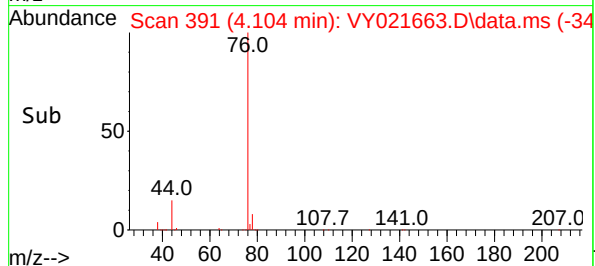
Instrument :
MSVOA_Y
ClientSampleId :
ICVY032725



Tgt Ion: 76 Resp: 41202
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

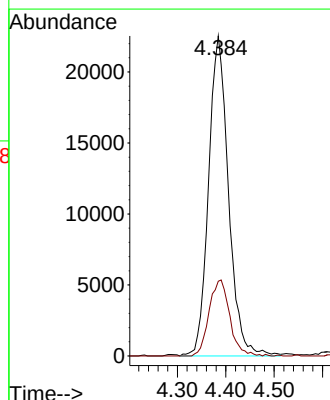
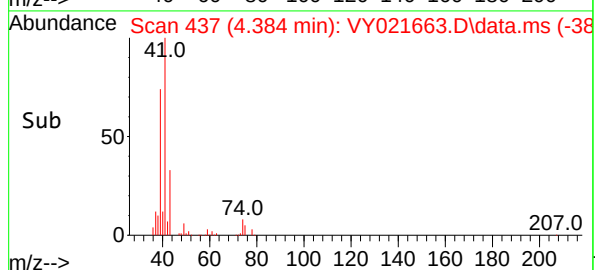
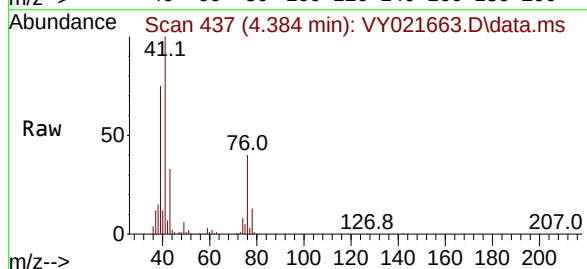
Manual Integrations
APPROVED

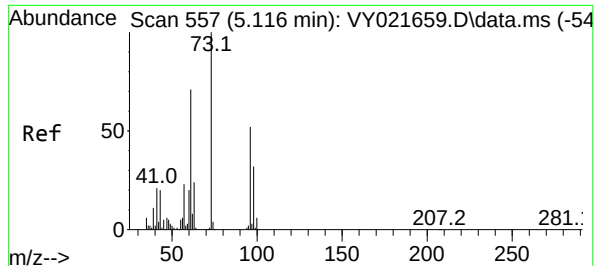
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#18
Methyl Acetate
Concen: 48.703 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

Tgt Ion: 43 Resp: 64580
Ion Ratio Lower Upper
43 100
74 24.5 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 50.561 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY032725

Tgt Ion: 73 Resp: 318579

Ion Ratio Lower Upper

73 100

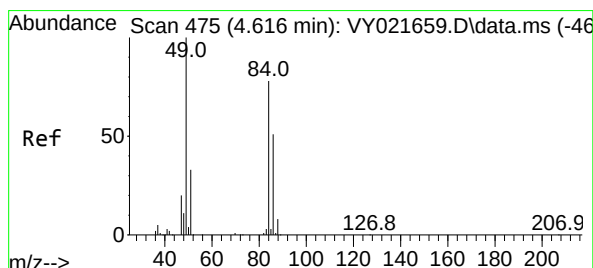
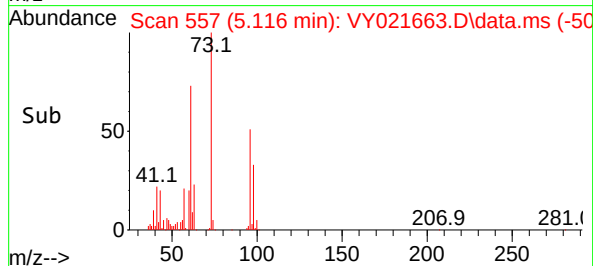
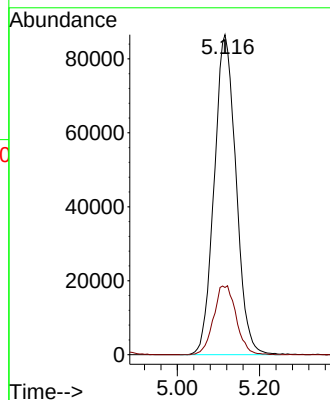
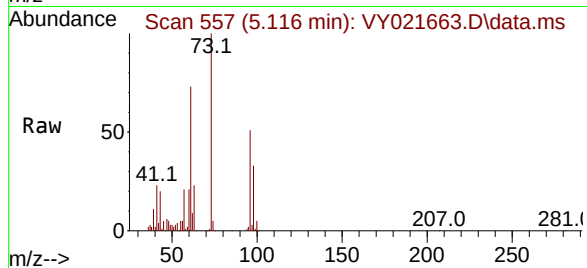
57 21.0 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#20

Methylene Chloride

Concen: 53.536 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Tgt Ion: 84 Resp: 139443

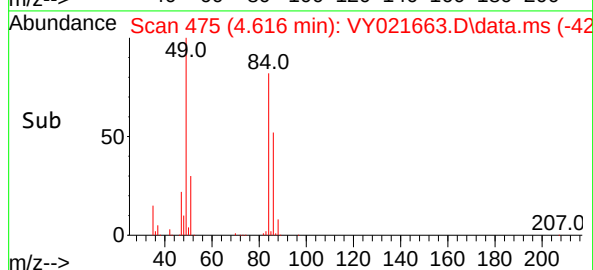
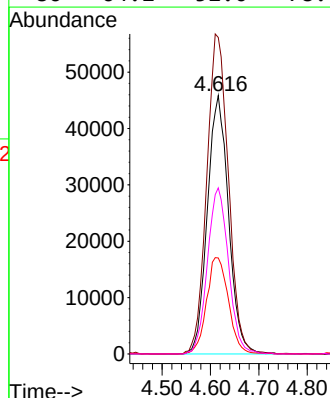
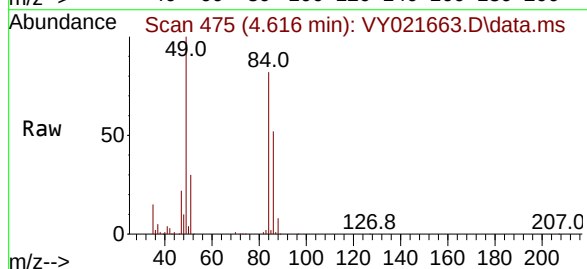
Ion Ratio Lower Upper

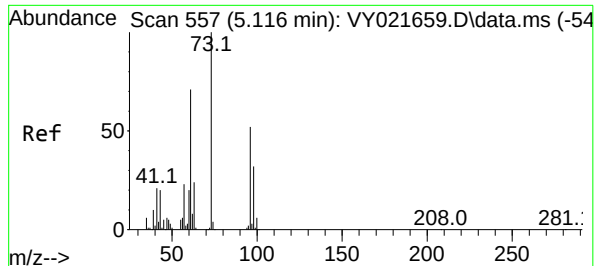
84 100

49 122.3 102.8 154.2

51 37.2 33.5 50.3

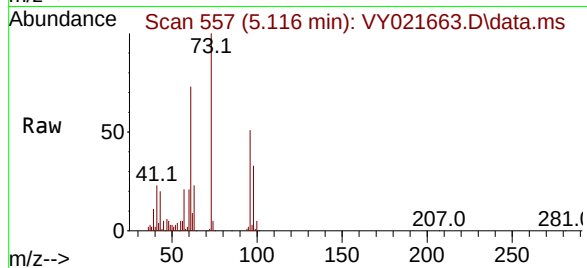
86 64.2 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 50.186 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

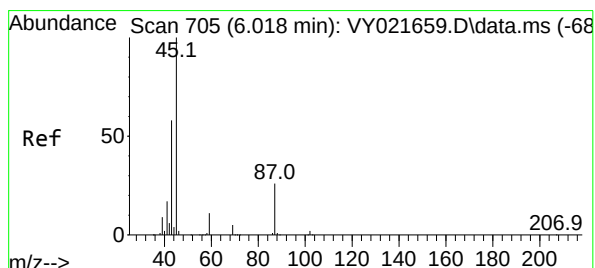
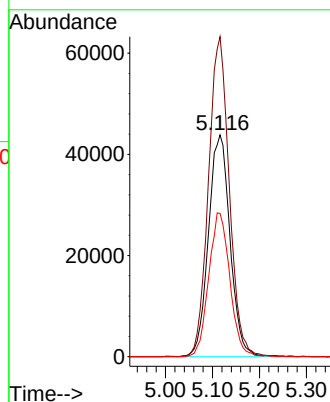
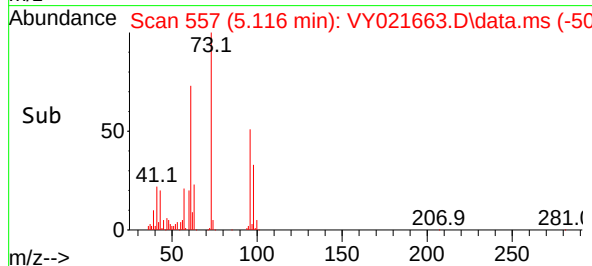
Instrument :
MSVOA_Y
ClientSampleId :
ICVY032725



Tgt Ion: 96 Resp: 13984
Ion Ratio Lower Upper
96 100
61 144.2 109.4 164.0
98 64.7 50.2 75.2

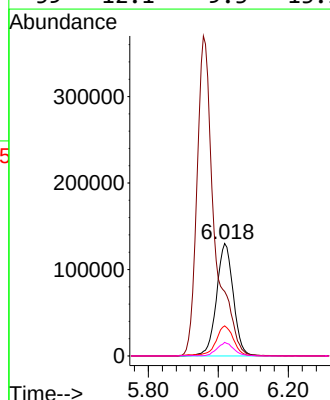
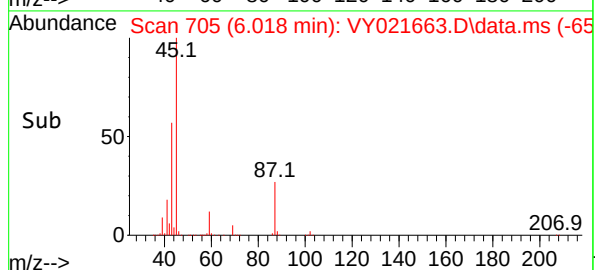
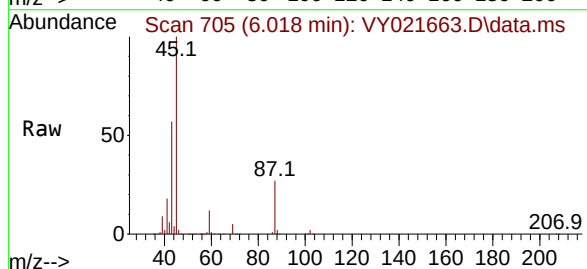
Manual Integrations
APPROVED

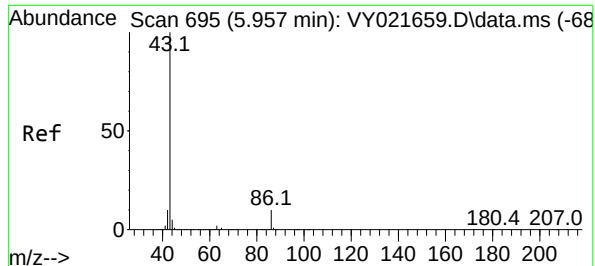
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#22
Diisopropyl ether
Concen: 51.273 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

Tgt Ion: 45 Resp: 434011
Ion Ratio Lower Upper
45 100
43 57.0 46.6 69.8
87 26.7 20.7 31.1
59 12.1 9.3 13.9





#23

Vinyl Acetate

Concen: 256.638 ug/l

RT: 5.957 min Scan# 695

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

Client Sample Id :

ICVY032725

Tgt Ion: 43 Resp: 127084

Ion Ratio Lower Upper

43 100

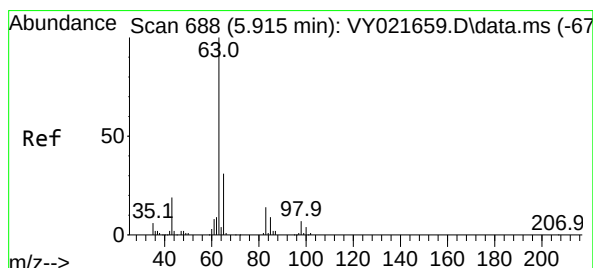
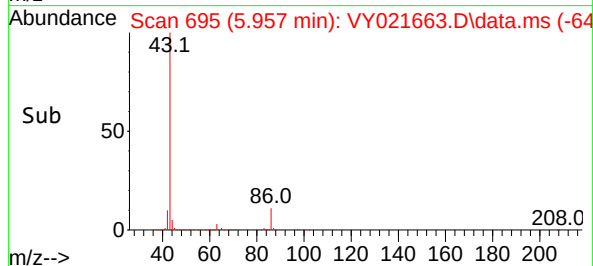
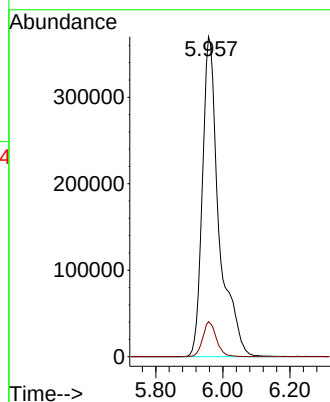
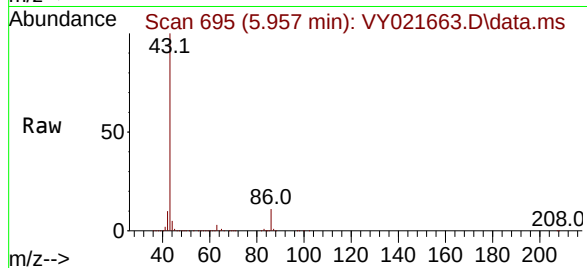
86 10.9 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#24

1,1-Dichloroethane

Concen: 50.001 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

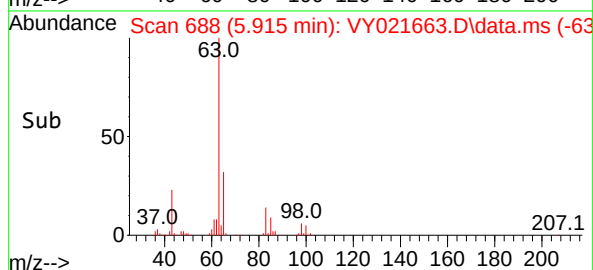
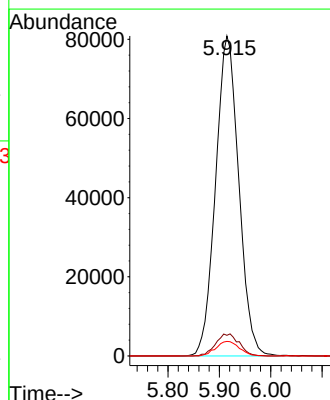
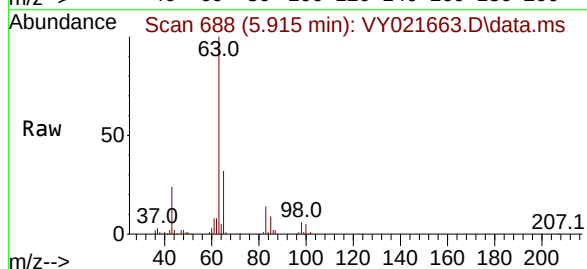
Tgt Ion: 63 Resp: 253080

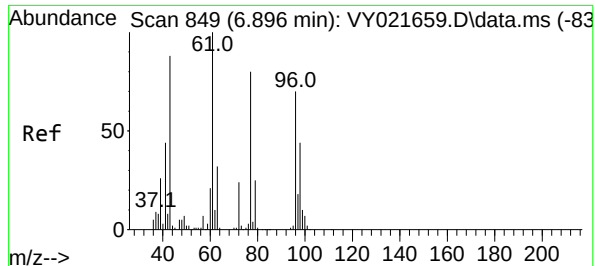
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 240.921 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032725

Tgt Ion: 43 Resp: 184108

Ion Ratio Lower Upper

43 100

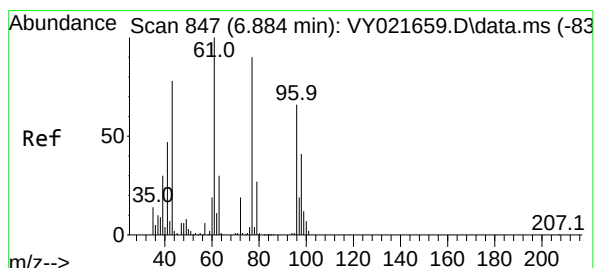
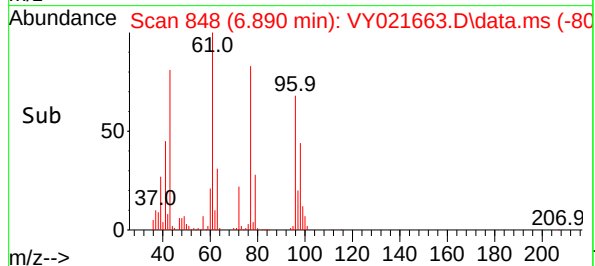
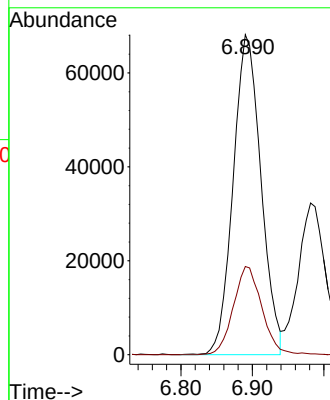
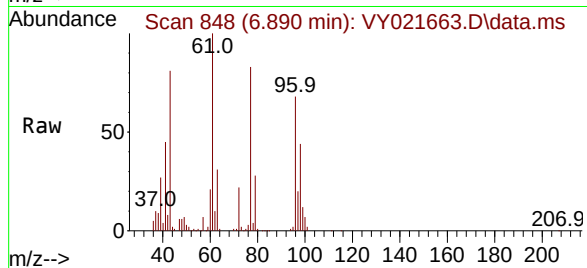
72 27.6 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#26

2,2-Dichloropropane

Concen: 49.103 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY021663.D

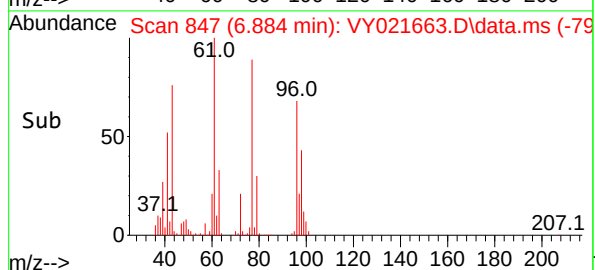
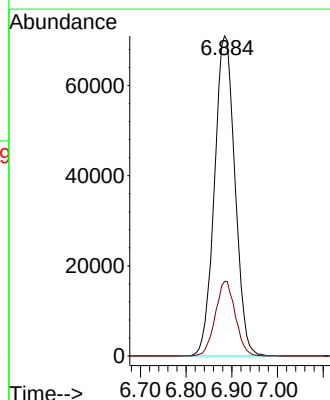
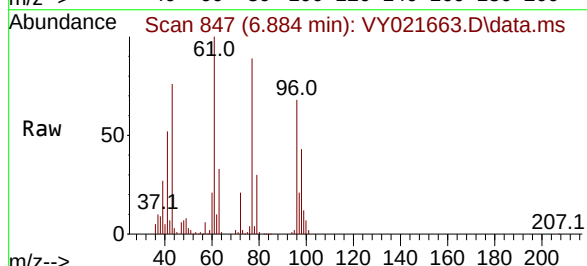
Acq: 27 Mar 2025 13:15

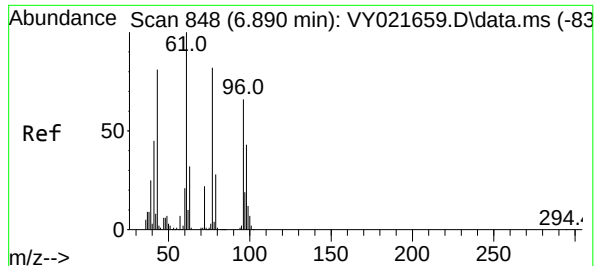
Tgt Ion: 77 Resp: 221076

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 50.806 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY032725

Tgt Ion: 96 Resp: 159200

Ion Ratio Lower Upper

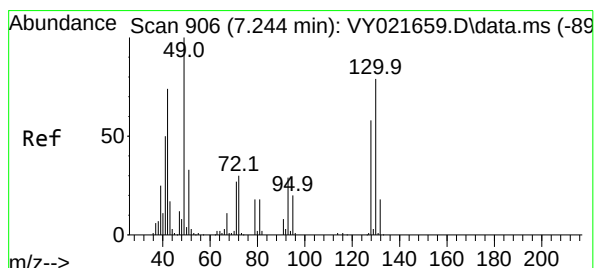
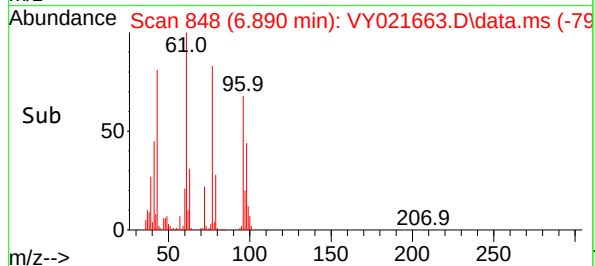
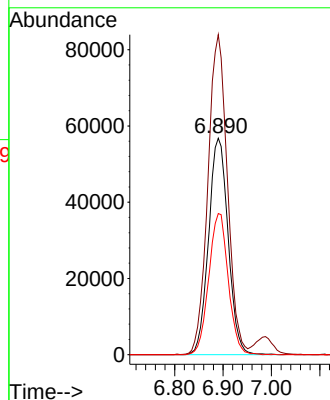
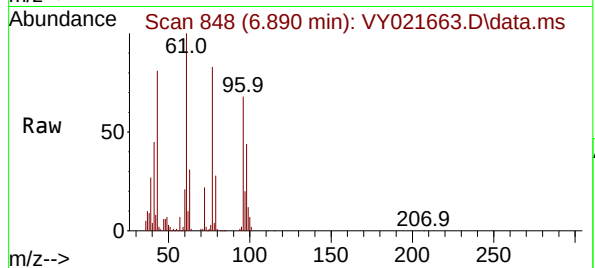
96 100

61 147.2 0.0 296.4

98 65.0 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#28

Bromochloromethane

Concen: 50.360 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

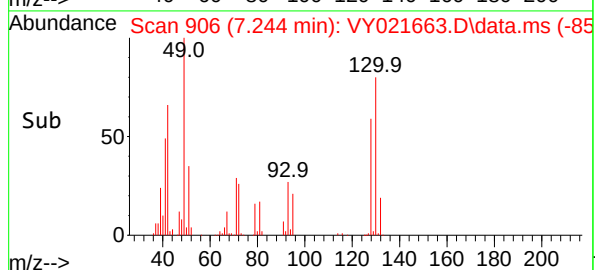
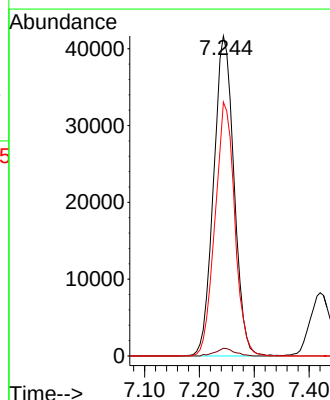
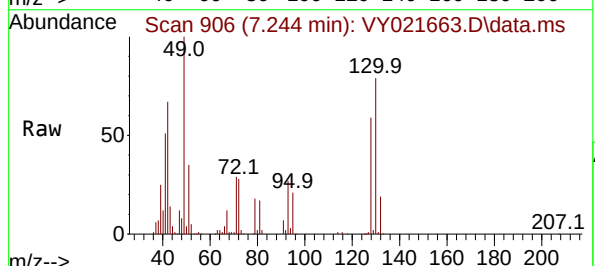
Tgt Ion: 49 Resp: 107500

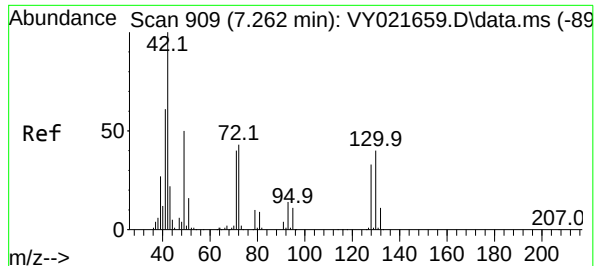
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 76.8 60.1 90.1





#29

Tetrahydrofuran

Concen: 247.271 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032725

Tgt Ion: 42 Resp: 12161

Ion Ratio Lower Upper

42 100

72 43.8 34.6 52.0

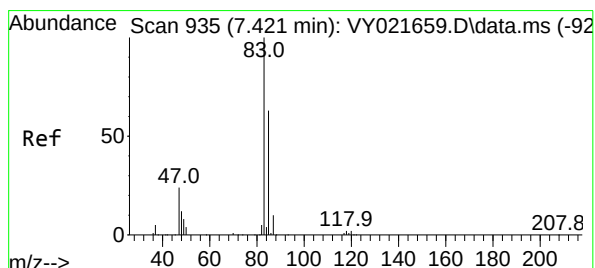
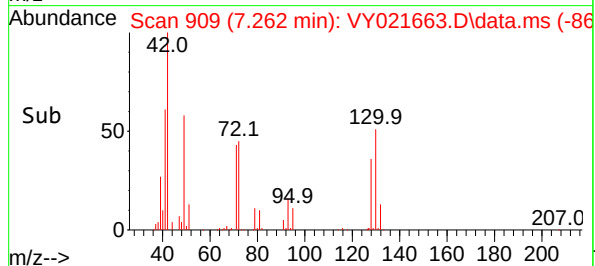
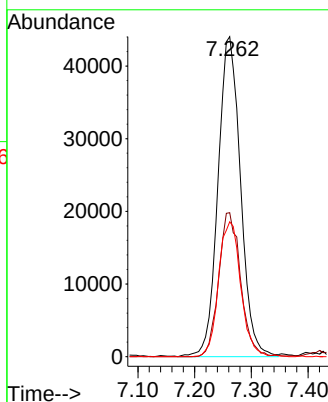
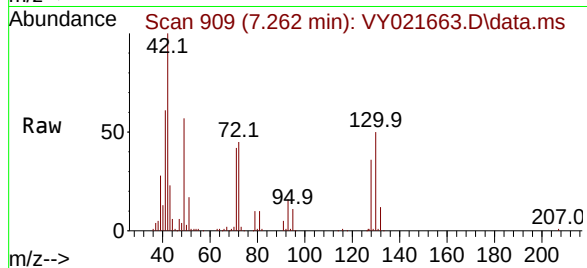
71 41.5 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#30

Chloroform

Concen: 49.490 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY021663.D

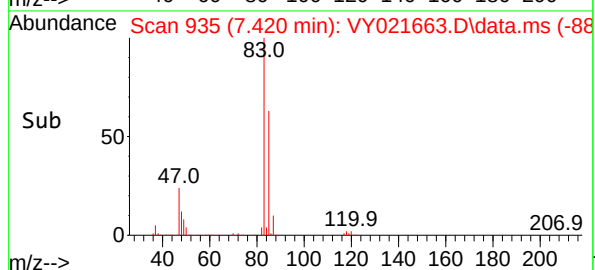
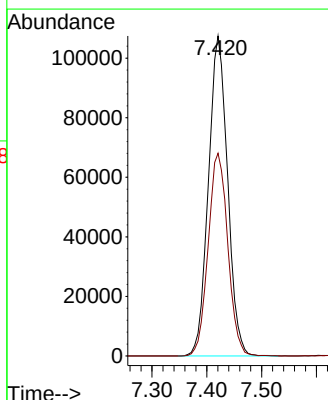
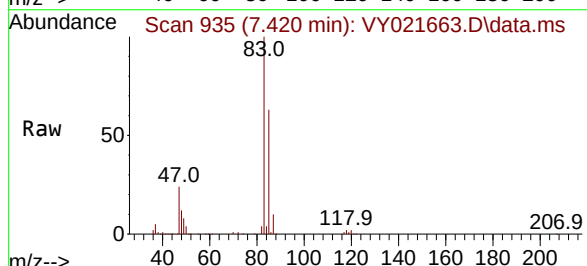
Acq: 27 Mar 2025 13:15

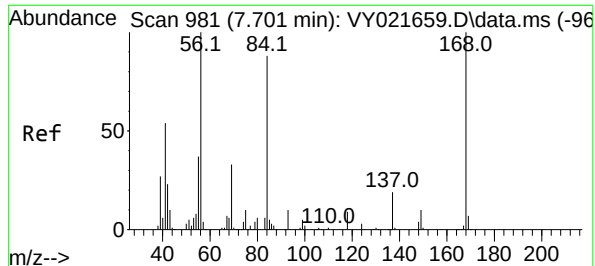
Tgt Ion: 83 Resp: 260540

Ion Ratio Lower Upper

83 100

85 63.4 50.6 75.8





#31

Cyclohexane

Concen: 47.844 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY032725

Tgt Ion: 56 Resp: 220748

Ion Ratio Lower Upper

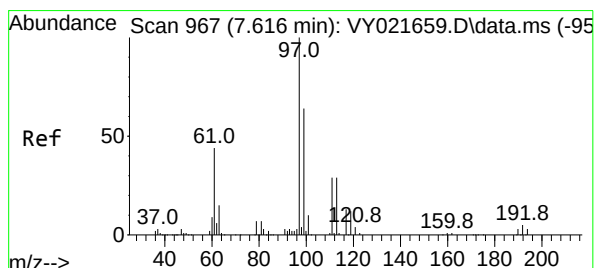
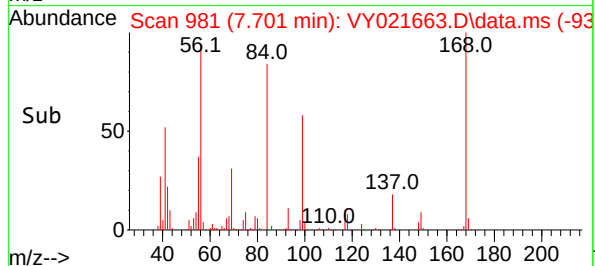
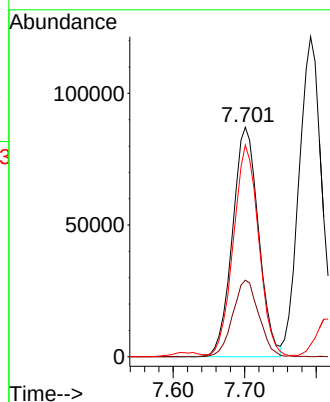
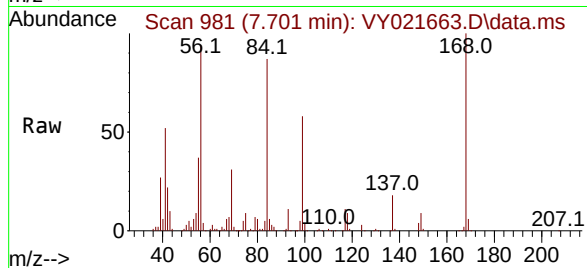
56 100

69 33.3 26.6 40.0

84 90.4 69.0 103.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#32

1,1,1-Trichloroethane

Concen: 49.319 ug/l

RT: 7.615 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

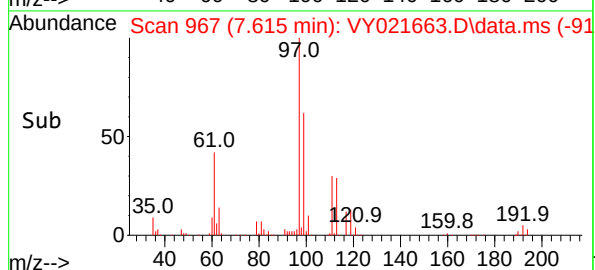
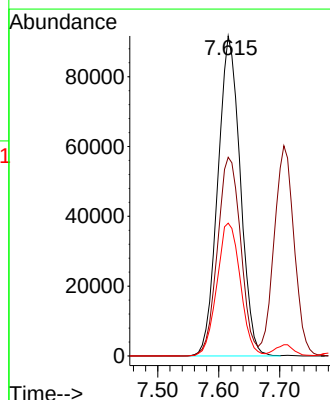
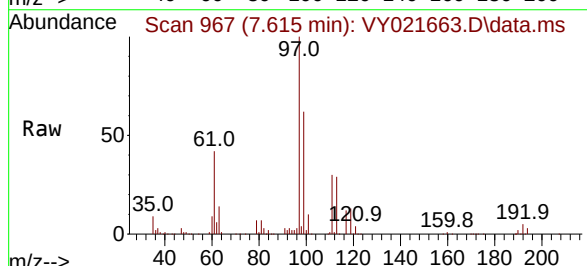
Tgt Ion: 97 Resp: 234663

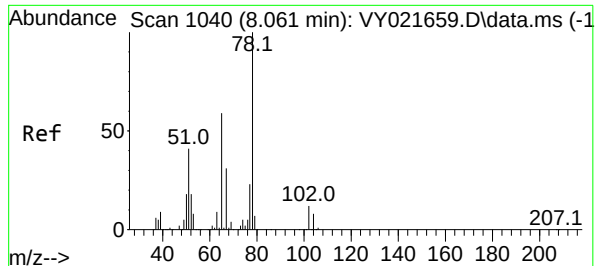
Ion Ratio Lower Upper

97 100

99 64.3 50.7 76.1

61 43.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.553 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032725

Tgt Ion: 65 Resp: 13738

Ion Ratio Lower Upper

65 100

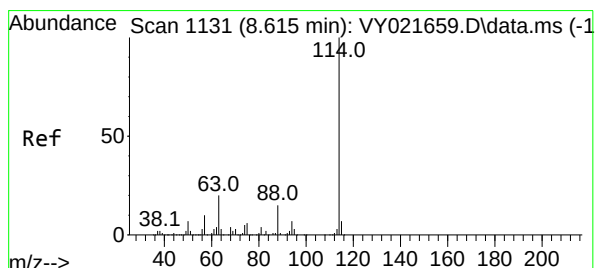
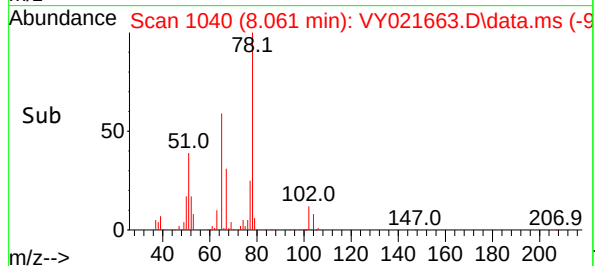
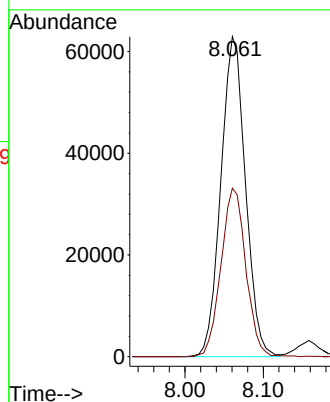
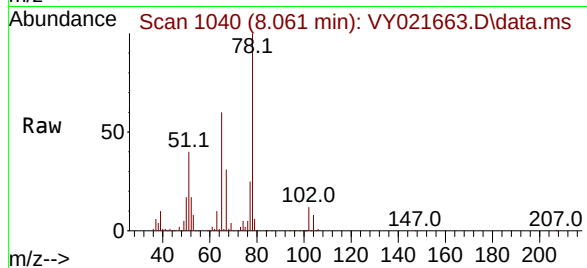
67 53.0 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

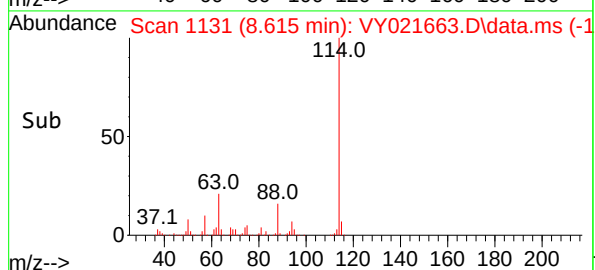
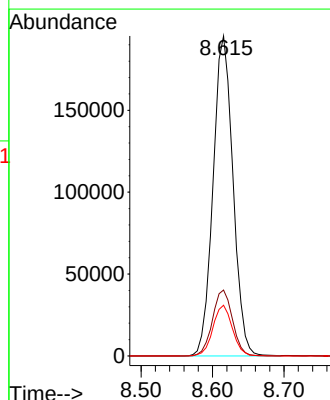
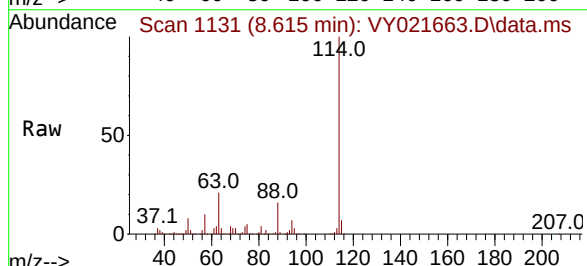
Tgt Ion:114 Resp: 378246

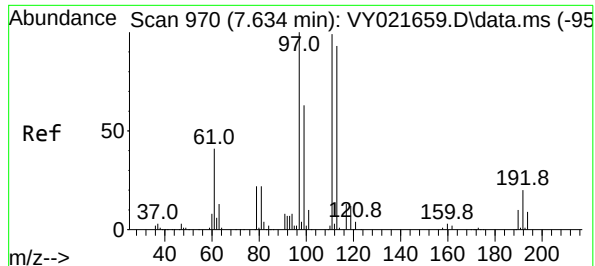
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 54.243 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY032725

Tgt Ion:113 Resp: 133092

Ion Ratio Lower Upper

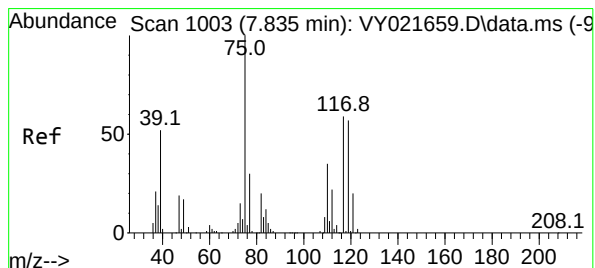
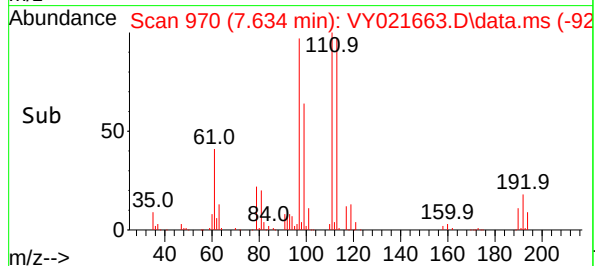
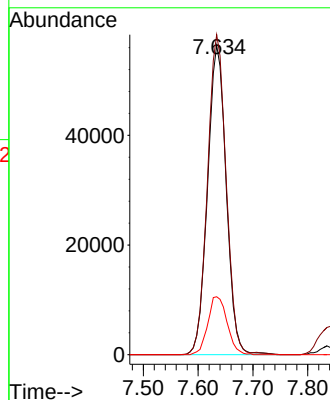
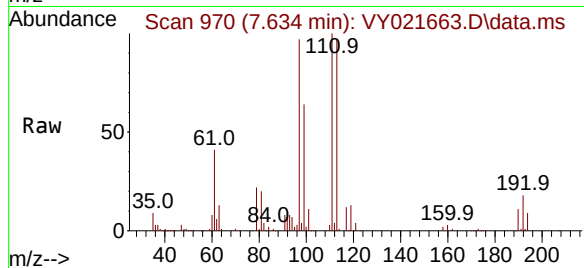
113 100

111 103.8 82.6 123.8

192 19.5 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#36

1,1-Dichloropropene

Concen: 50.326 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

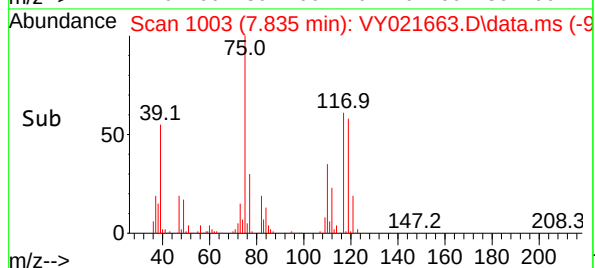
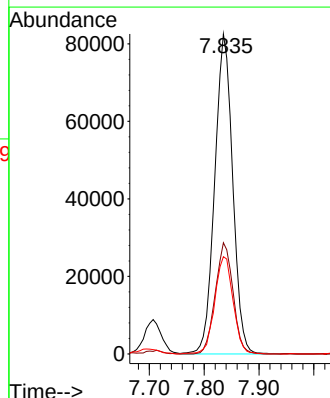
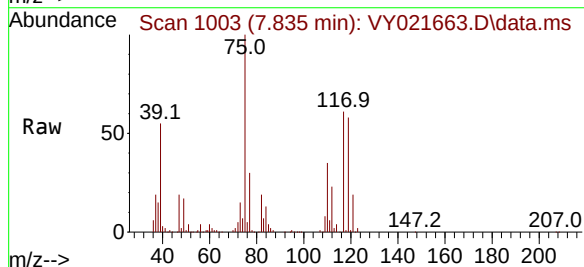
Tgt Ion: 75 Resp: 188082

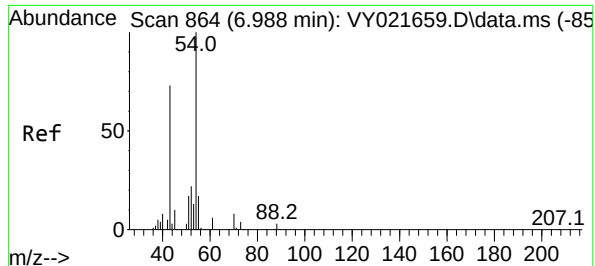
Ion Ratio Lower Upper

75 100

110 34.2 17.0 50.9

77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 49.145 ug/l

RT: 6.981 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032725

Tgt Ion: 43 Resp: 8668

Ion Ratio Lower Upper

43 100

61 14.4 11.0 16.6

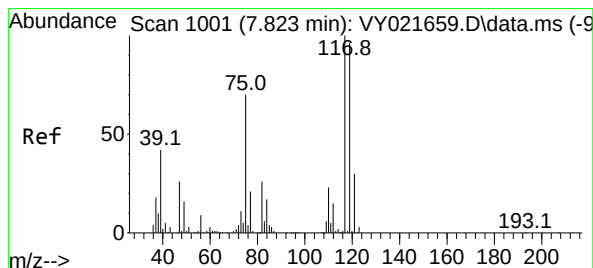
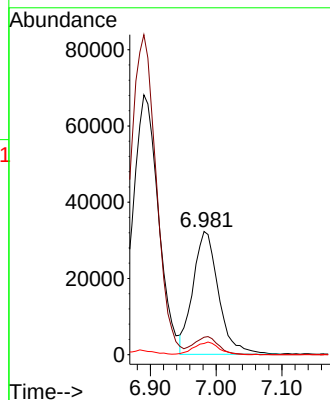
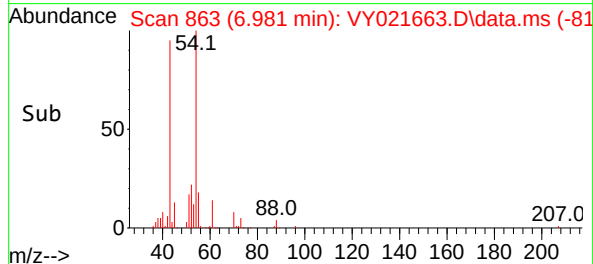
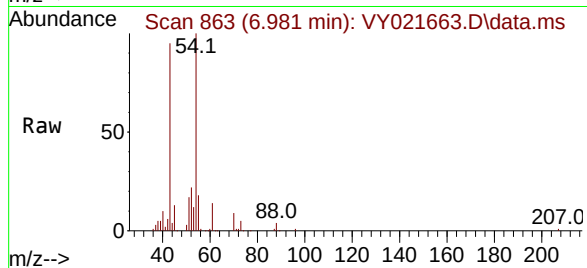
70 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#38

Carbon Tetrachloride

Concen: 49.814 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

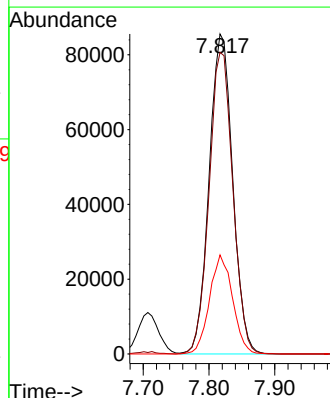
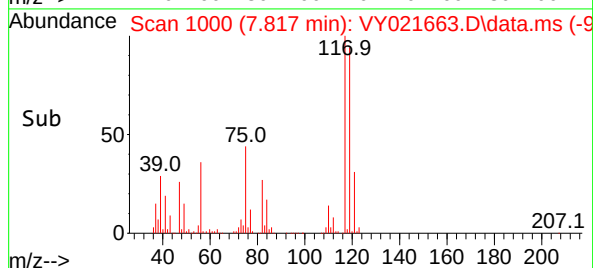
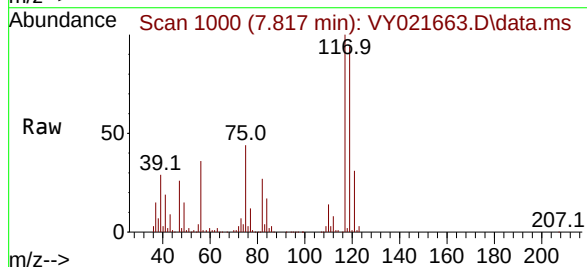
Tgt Ion:117 Resp: 213223

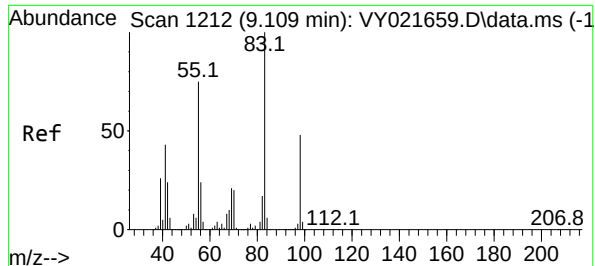
Ion Ratio Lower Upper

117 100

119 94.3 76.2 114.4

121 30.9 24.2 36.4





#39

Methylcyclohexane

Concen: 51.843 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032725

Tgt Ion: 83 Resp: 23145

Ion Ratio Lower Upper

83 100

55 79.6 59.7 89.5

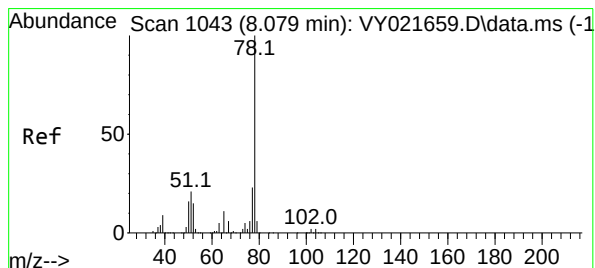
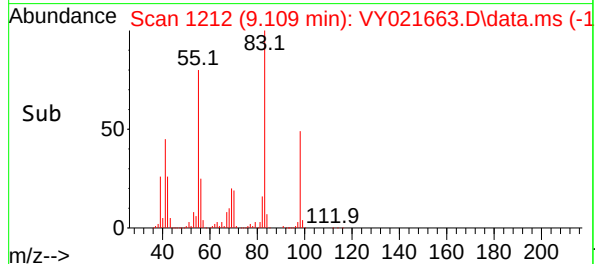
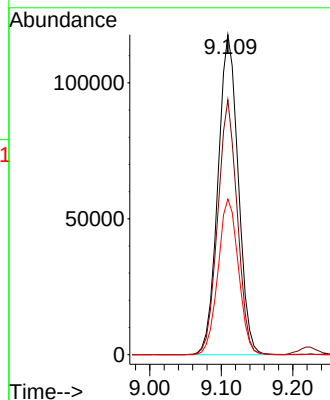
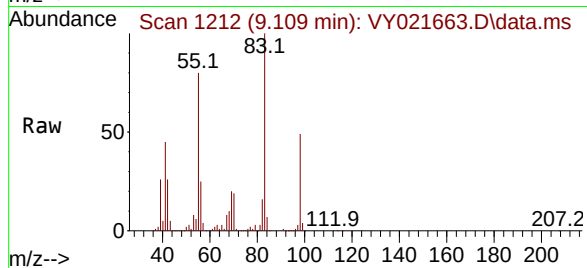
98 48.7 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#40

Benzene

Concen: 50.574 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY021663.D

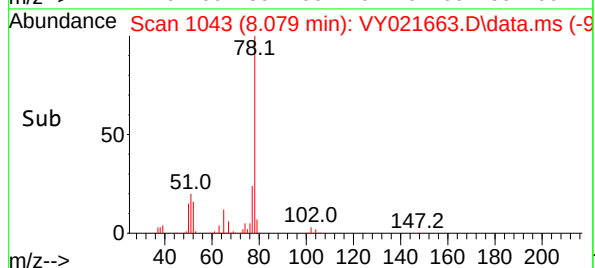
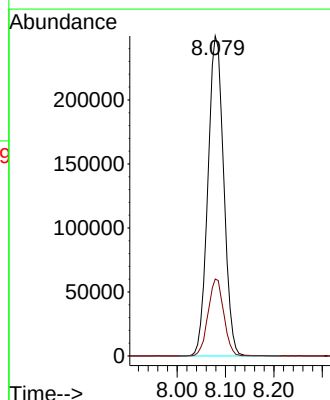
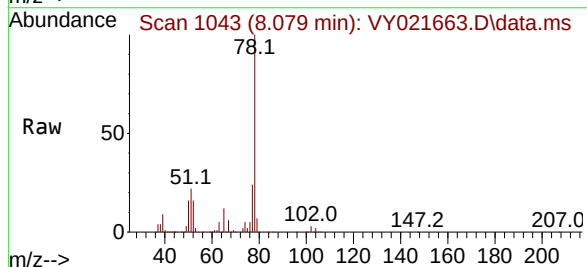
Acq: 27 Mar 2025 13:15

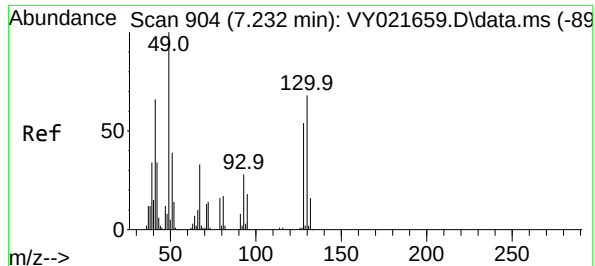
Tgt Ion: 78 Resp: 566027

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2





#41

Methacrylonitrile

Concen: 47.475 ug/l

RT: 7.219 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032725

Tgt Ion: 41 Resp: 44469

Ion Ratio Lower Upper

41 100

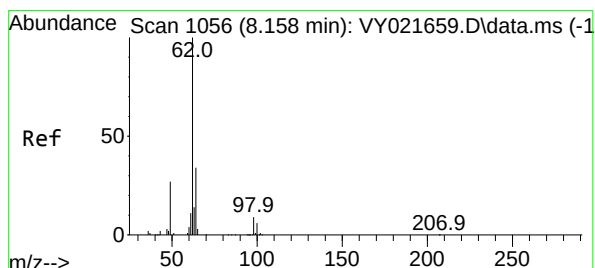
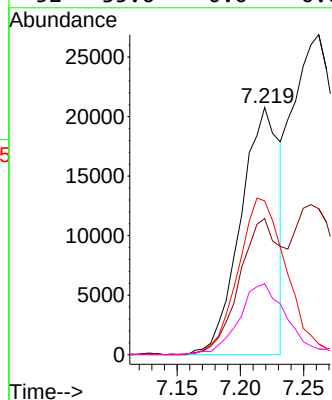
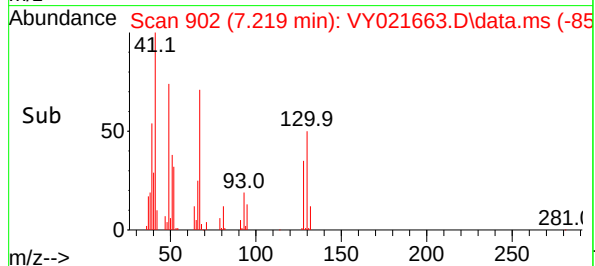
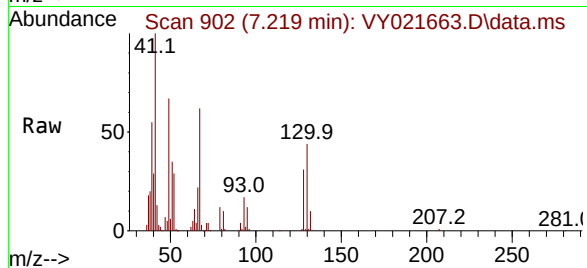
39 62.6 0.0 0.0

67 79.2 0.0 0.0

52 35.6 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#42

1,2-Dichloroethane

Concen: 49.556 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VY021663.D

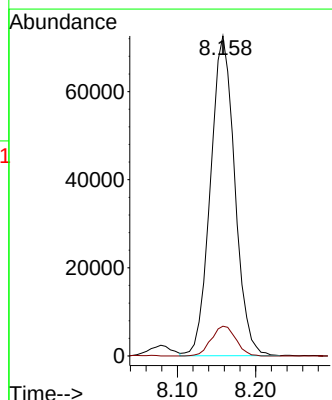
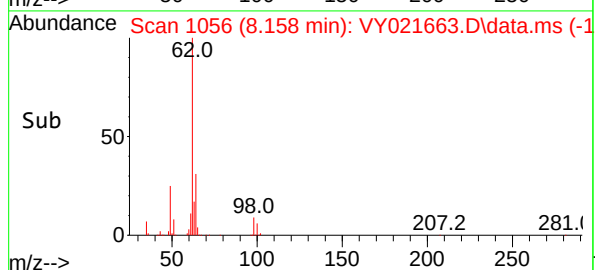
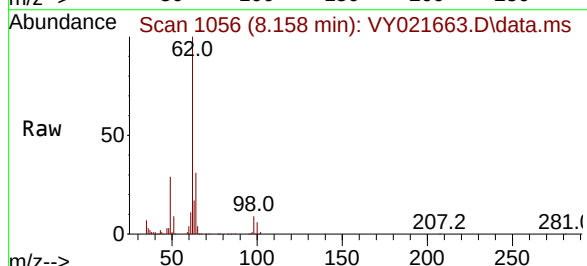
Acq: 27 Mar 2025 13:15

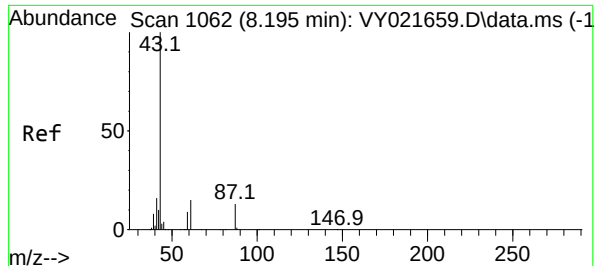
Tgt Ion: 62 Resp: 156359

Ion Ratio Lower Upper

62 100

98 9.4 0.0 18.4





#43

Isopropyl Acetate

Concen: 50.106 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

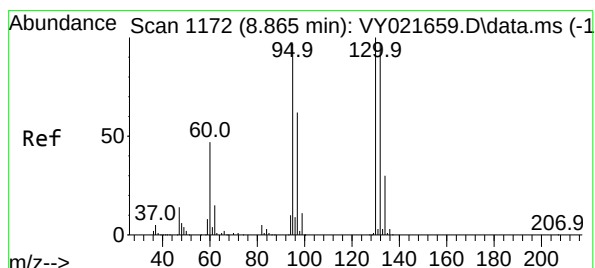
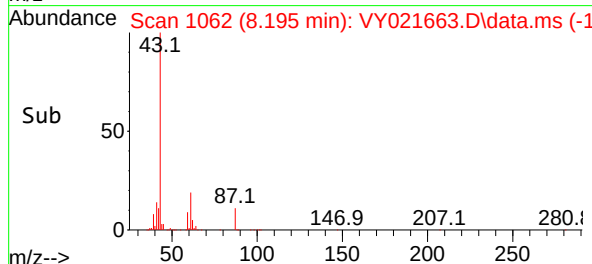
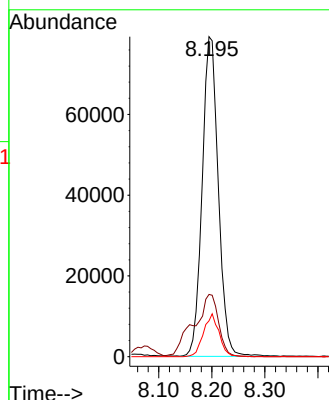
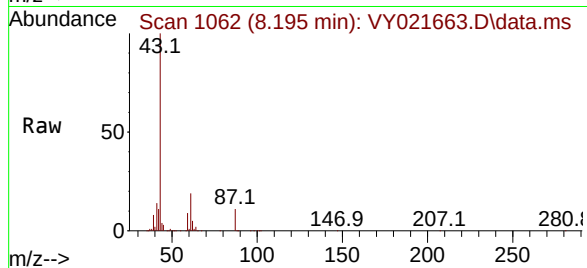
ICVY032725

Tgt Ion: 43 Resp: 167470
Ion Ratio Lower Upper
43 100
61 30.0 15.9 23.9
87 13.0 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#44

Trichloroethene

Concen: 49.933 ug/l

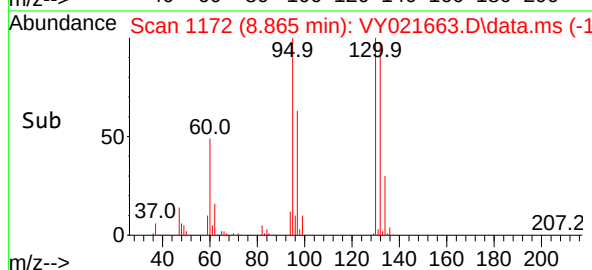
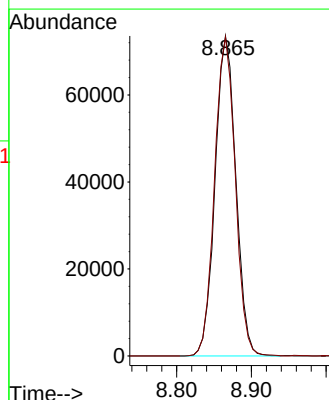
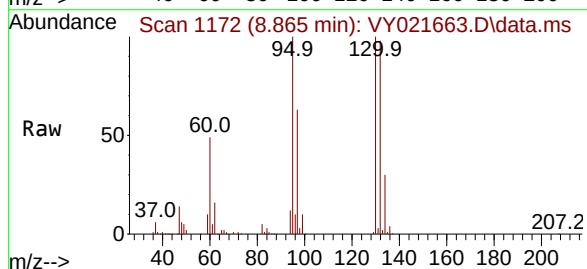
RT: 8.865 min Scan# 1172

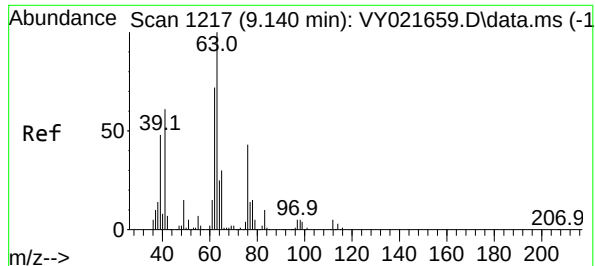
Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Tgt Ion:130 Resp: 142392
Ion Ratio Lower Upper
130 100
95 99.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 50.158 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032725

Tgt Ion: 63 Resp: 13288

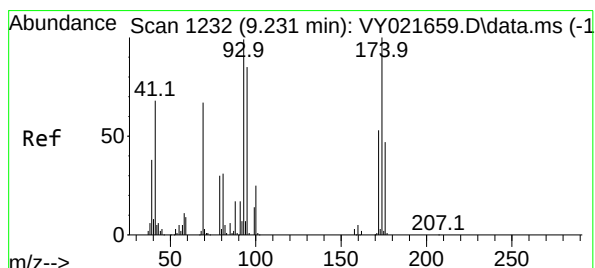
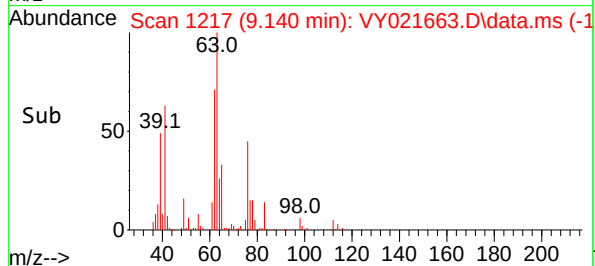
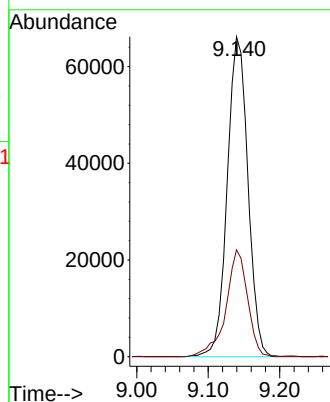
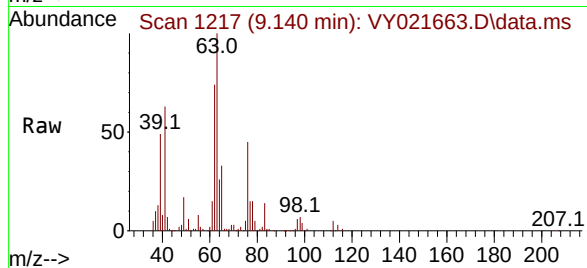
Ion Ratio Lower Upper

63 100

65 33.4 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

#46

Dibromomethane

Concen: 50.052 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

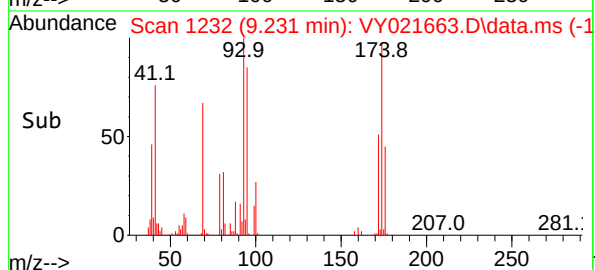
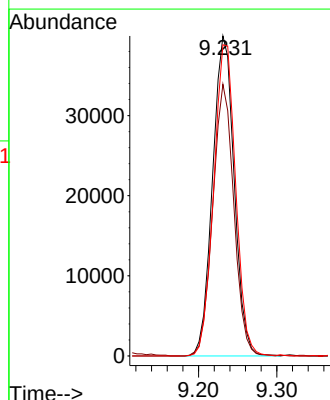
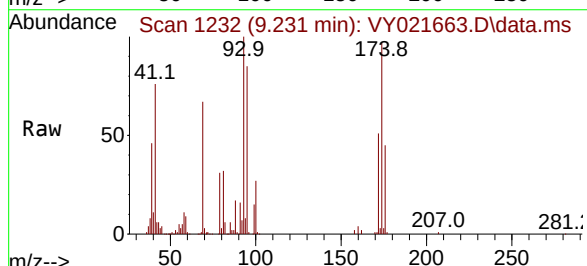
Tgt Ion: 93 Resp: 76421

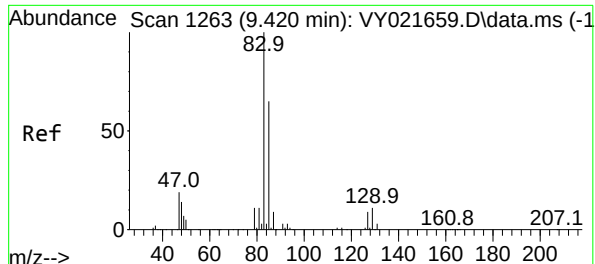
Ion Ratio Lower Upper

93 100

95 83.0 68.1 102.1

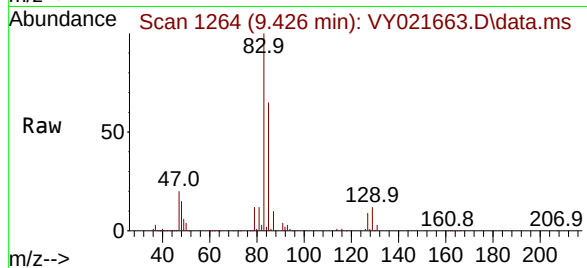
174 99.0 80.9 121.3





#47
Bromodichloromethane
Concen: 50.530 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

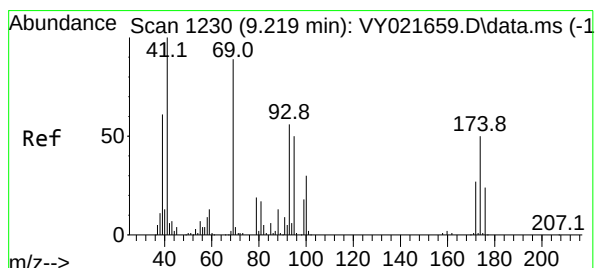
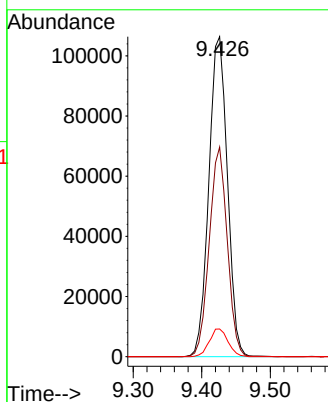
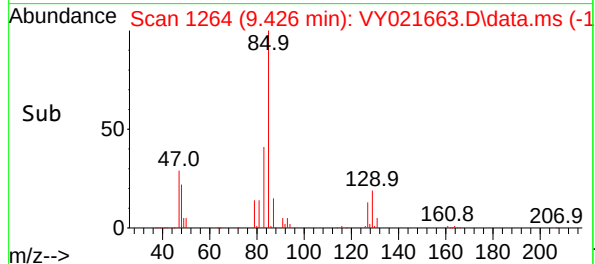
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion: 83 Resp: 199912
Ion Ratio Lower Upper
83 100
85 65.5 51.8 77.6
127 8.7 6.8 10.2

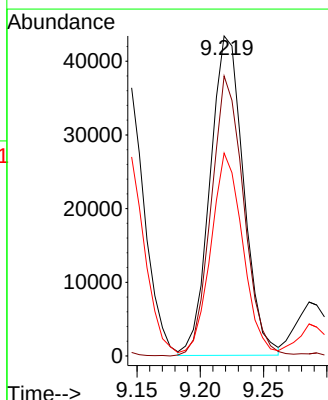
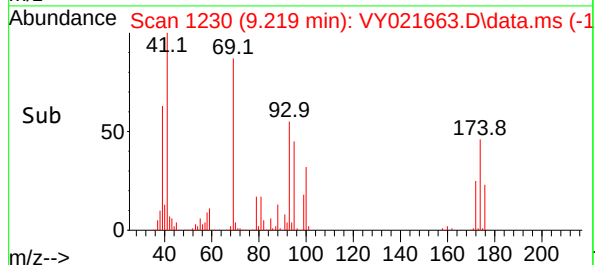
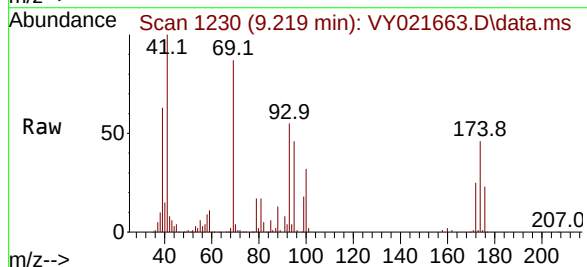
Manual Integrations
APPROVED

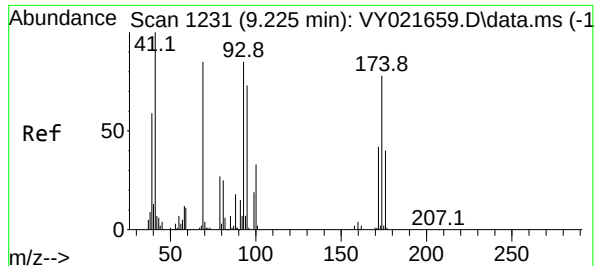
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48
Methyl methacrylate
Concen: 52.076 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

Tgt Ion: 41 Resp: 79887
Ion Ratio Lower Upper
41 100
69 84.8 69.8 104.8
39 58.6 47.2 70.8





#49

1,4-Dioxane

Concen: 1006.593 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

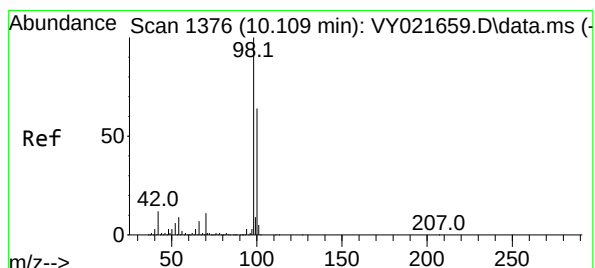
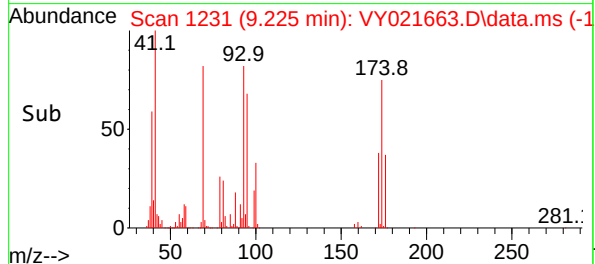
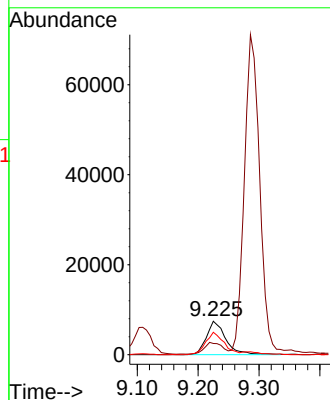
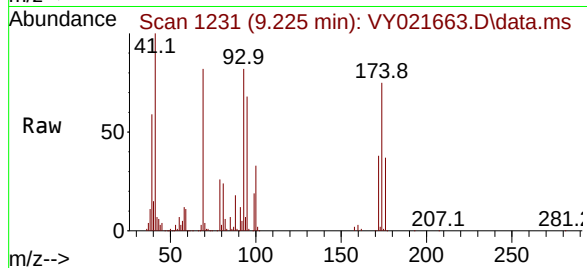
ICVVY032725

Tgt Ion:	88	Resp:	1646
Ion	Ratio	Lower	Upper
88	100		
43	32.8	28.8	43.2
58	63.4	59.4	89.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#50

Toluene-d8

Concen: 55.117 ug/l

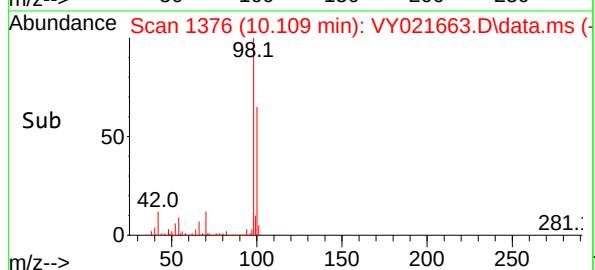
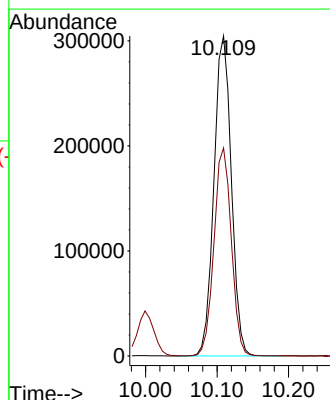
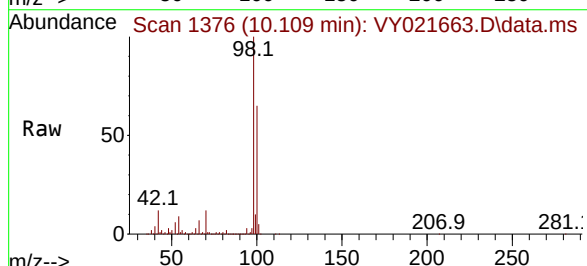
RT: 10.109 min Scan# 1376

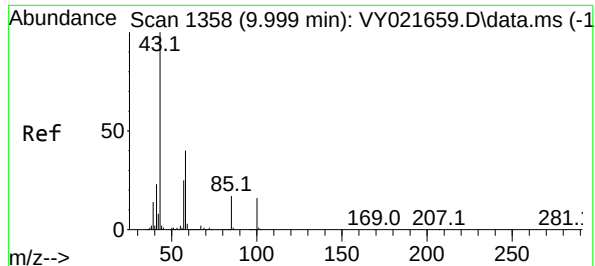
Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

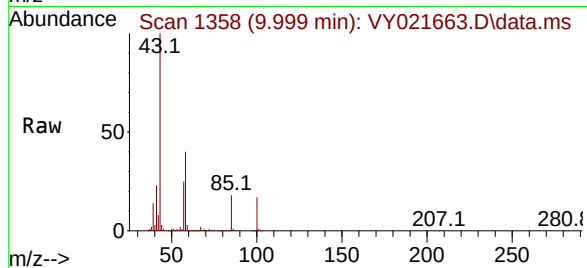
Tgt Ion:	98	Resp:	514482
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 252.890 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

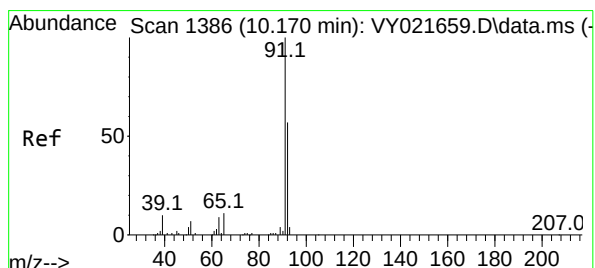
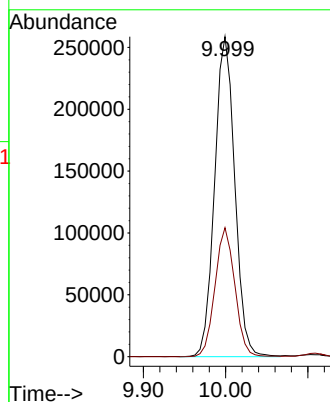
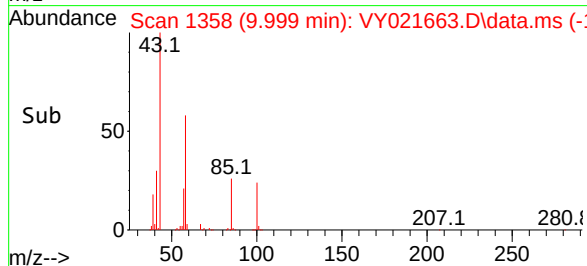
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion: 43 Resp: 439879
Ion Ratio Lower Upper
43 100
58 39.7 31.5 47.3

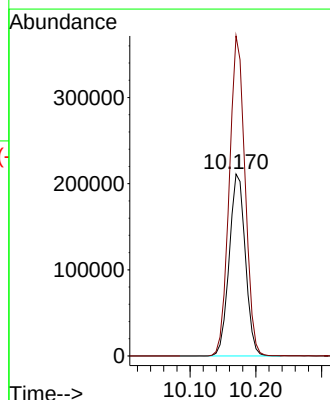
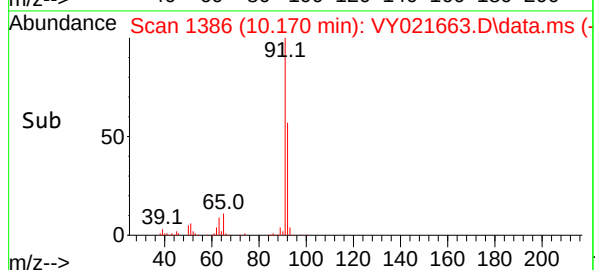
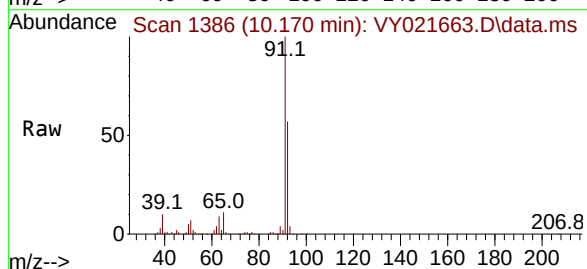
Manual Integrations
APPROVED

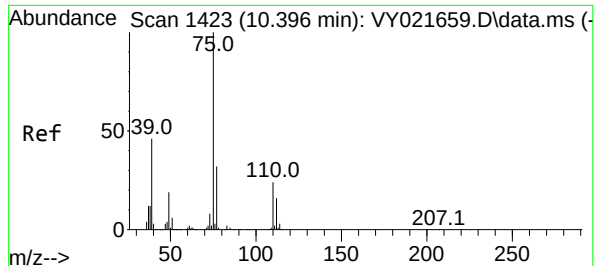
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 51.555 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

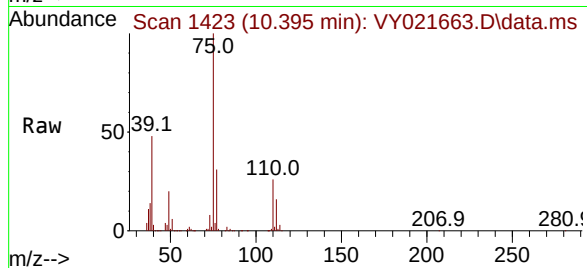
Tgt Ion: 92 Resp: 360002
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 51.152 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

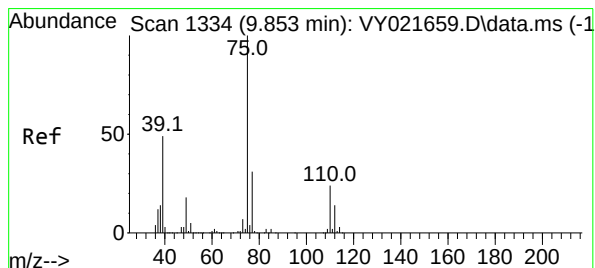
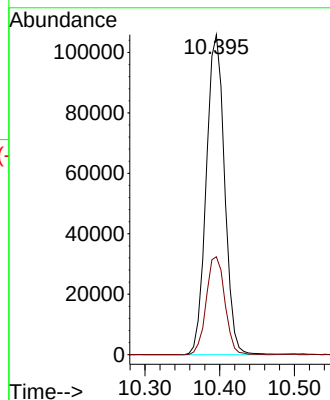
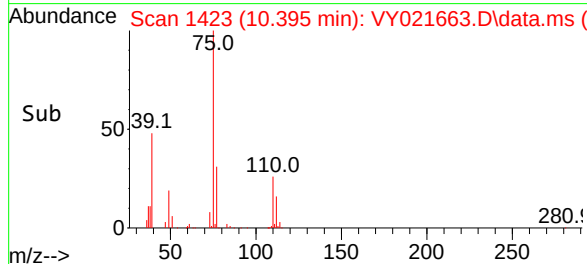
Instrument :
MSVOA_Y
ClientSampleId :
ICVY032725



Tgt Ion: 75 Resp: 179752
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9

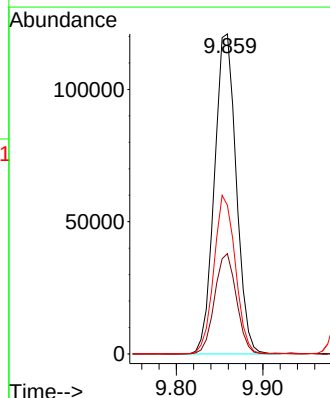
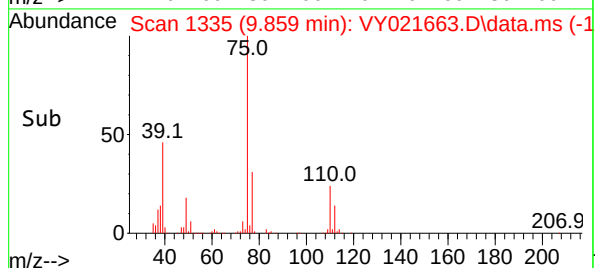
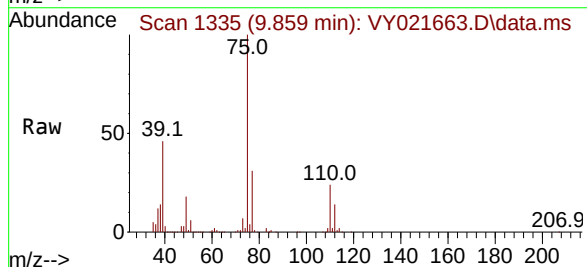
Manual Integrations
APPROVED

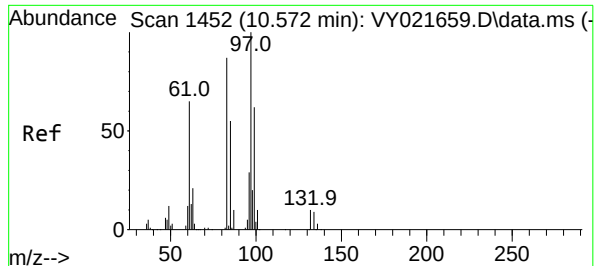
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#54
cis-1,3-Dichloropropene
Concen: 51.154 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

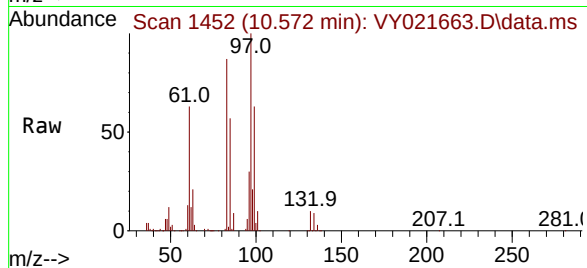
Tgt Ion: 75 Resp: 212066
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3
39 46.4 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 49.656 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

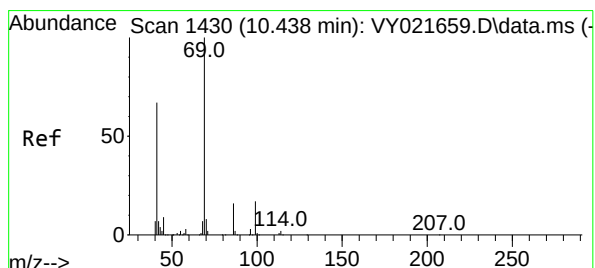
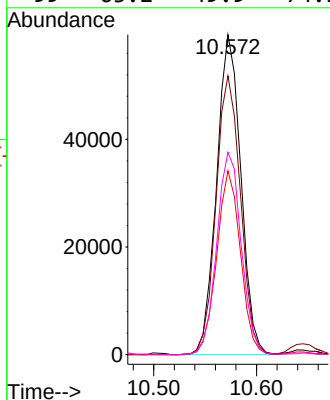
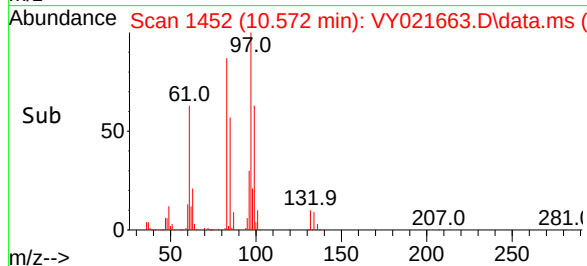
Instrument :
MSVOA_Y
ClientSampleId :
ICVY032725



Tgt Ion: 97 Resp: 9756
Ion Ratio Lower Upper
97 100
83 87.1 69.5 104.3
85 57.4 43.9 65.9
99 63.2 49.9 74.9

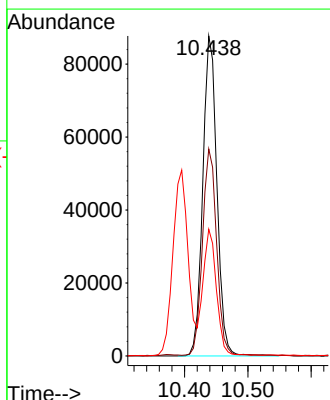
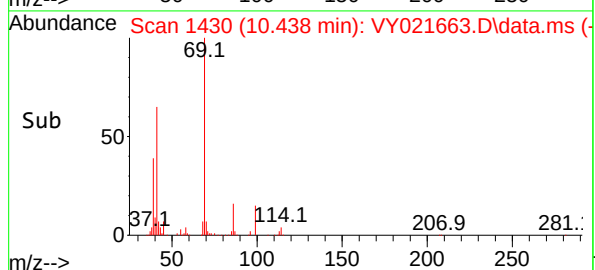
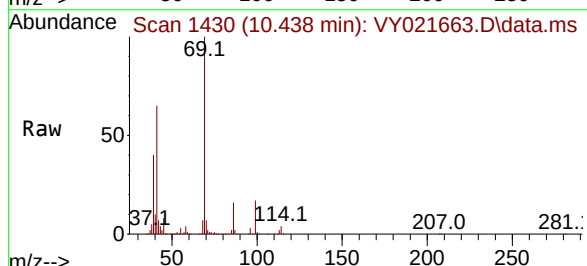
Manual Integrations
APPROVED

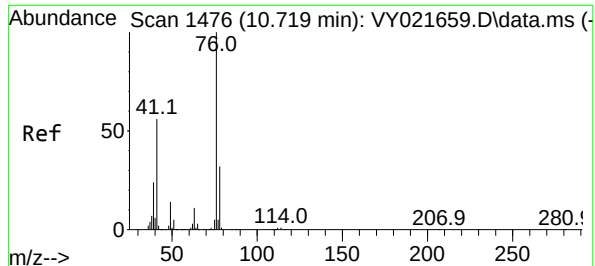
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#56
Ethyl methacrylate
Concen: 54.371 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

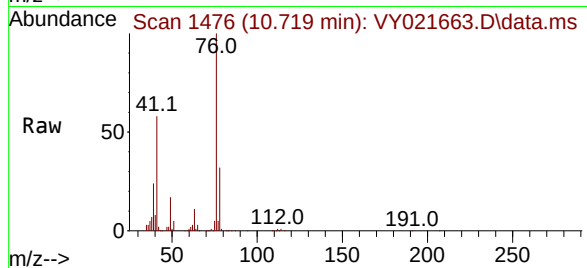
Tgt Ion: 69 Resp: 136411
Ion Ratio Lower Upper
69 100
41 64.4 53.8 80.6
39 37.0 29.6 44.4





#57
1,3-Dichloropropane
Concen: 50.563 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

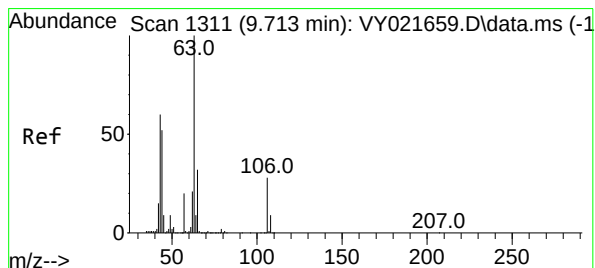
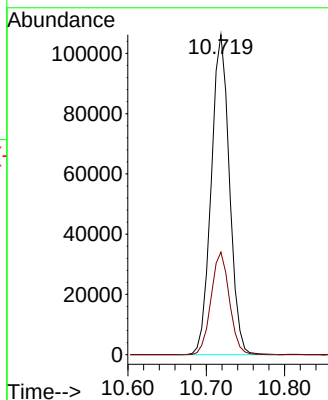
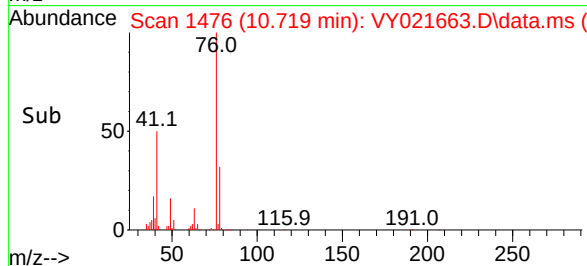
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion: 76 Resp: 171579
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.8

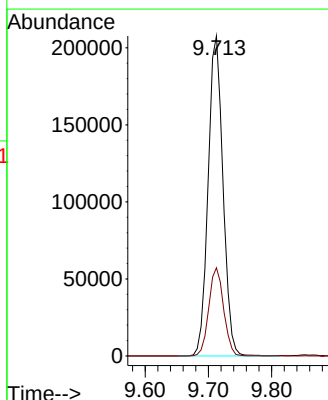
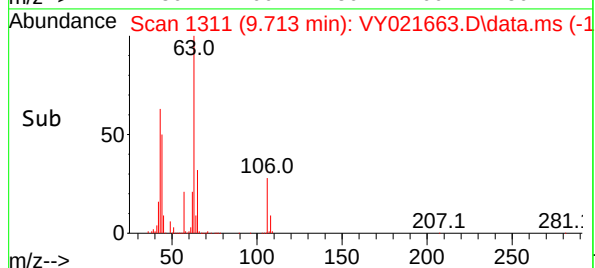
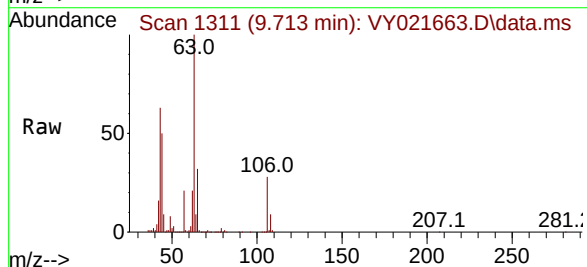
Manual Integrations
APPROVED

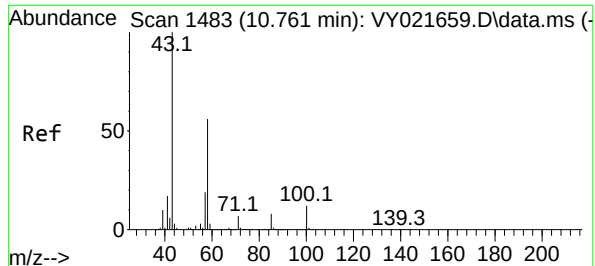
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 276.714 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

Tgt Ion: 63 Resp: 338673
Ion Ratio Lower Upper
63 100
106 27.5 22.4 33.6





#59

2-Hexanone

Concen: 255.065 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY032725

Tgt Ion: 43 Resp: 295472

Ion Ratio Lower Upper

43 100

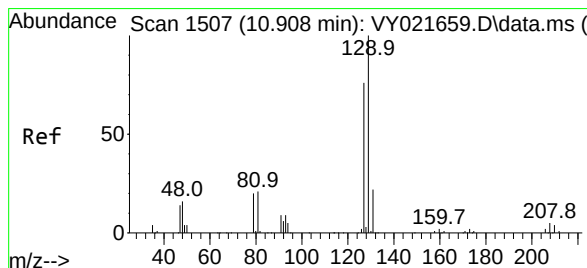
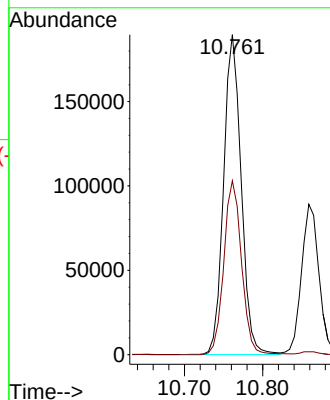
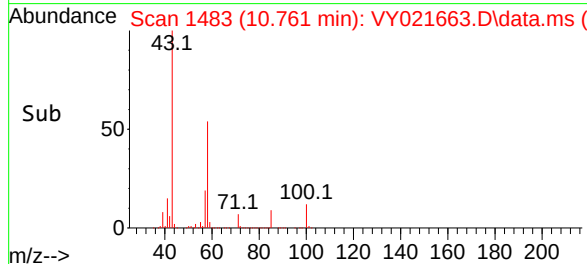
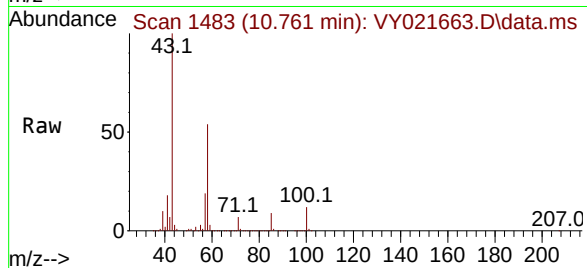
58 55.0 27.2 81.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#60

Dibromochloromethane

Concen: 50.679 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY021663.D

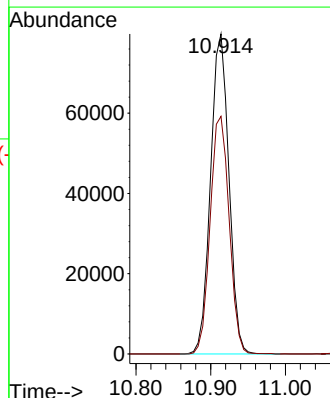
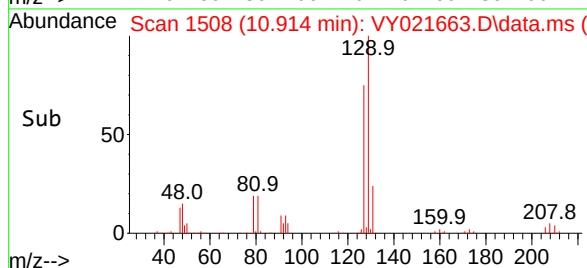
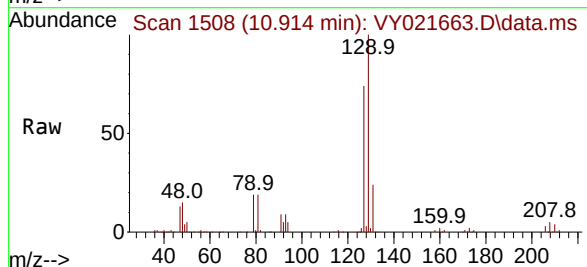
Acq: 27 Mar 2025 13:15

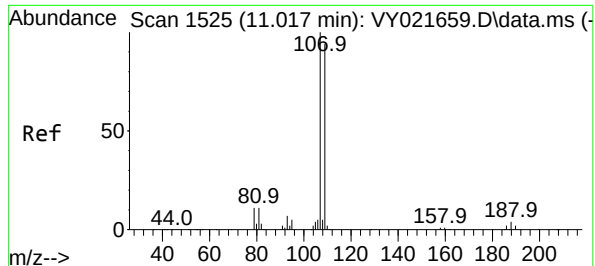
Tgt Ion:129 Resp: 135955

Ion Ratio Lower Upper

129 100

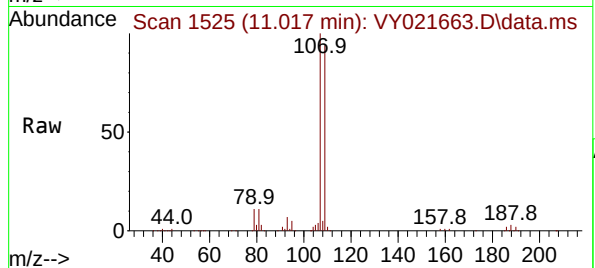
127 76.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 50.970 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

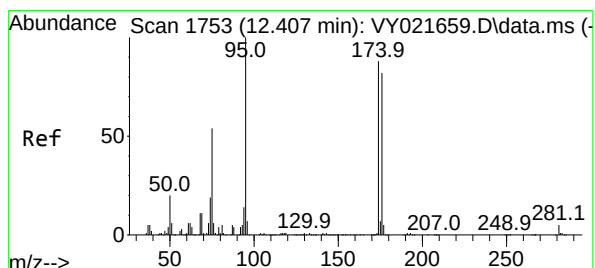
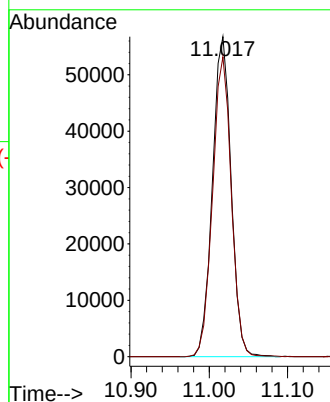
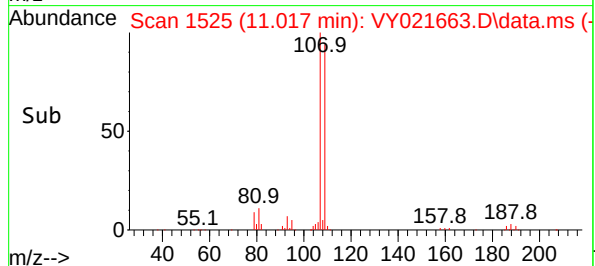
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion:107 Resp: 9394
Ion Ratio Lower Upper
107 100
109 94.0 74.4 111.6

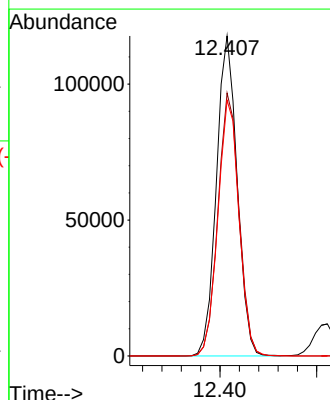
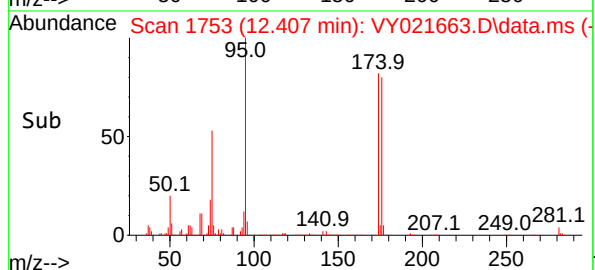
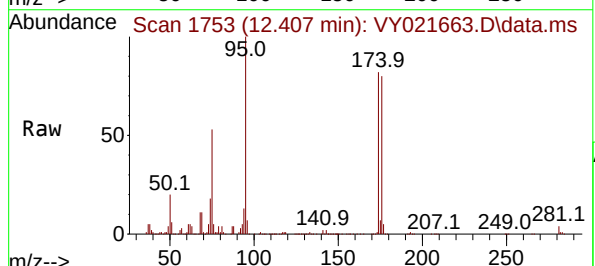
Manual Integrations
APPROVED

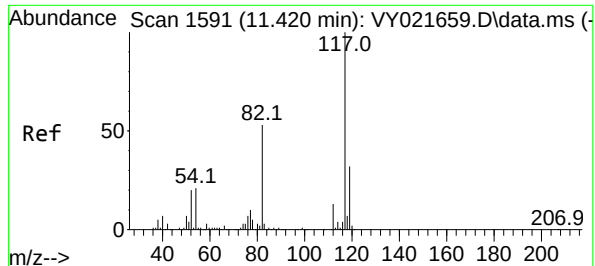
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 55.339 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

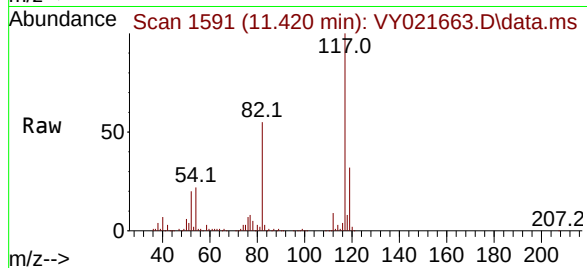
Tgt Ion: 95 Resp: 174721
Ion Ratio Lower Upper
95 100
174 83.7 0.0 170.8
176 81.4 0.0 162.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

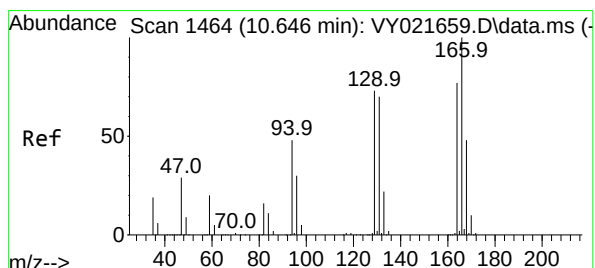
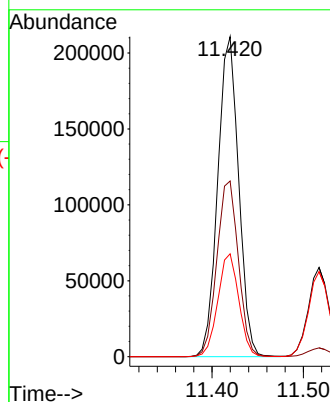
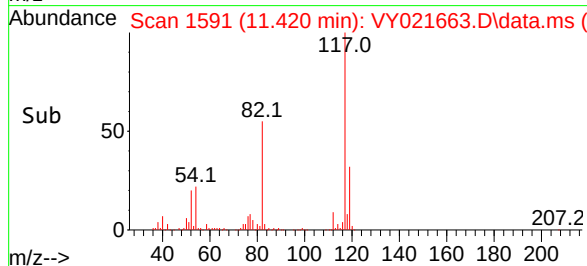
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion:117 Resp: 33506
Ion Ratio Lower Upper
117 100
82 54.9 42.8 64.2
119 32.1 25.7 38.5

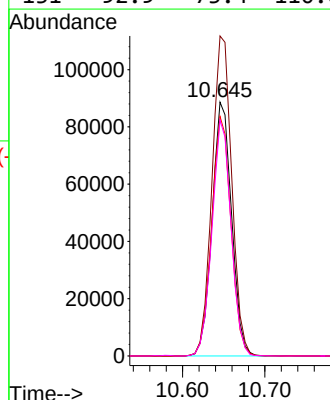
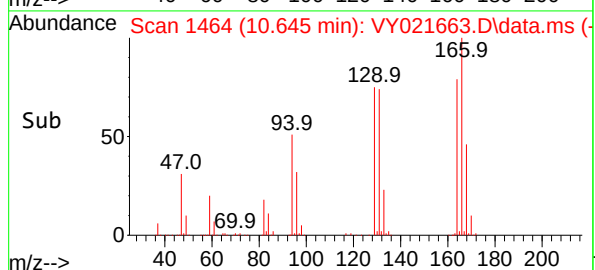
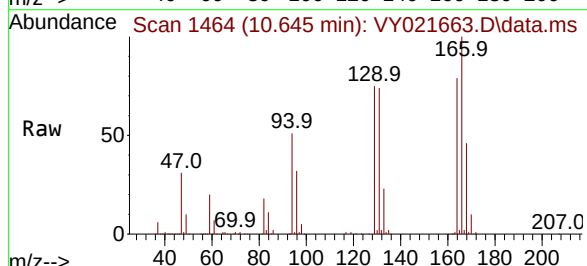
Manual Integrations
APPROVED

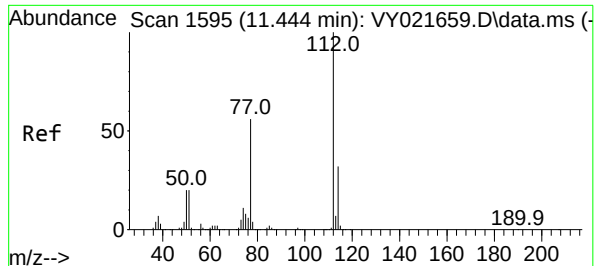
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#64
Tetrachloroethene
Concen: 47.757 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

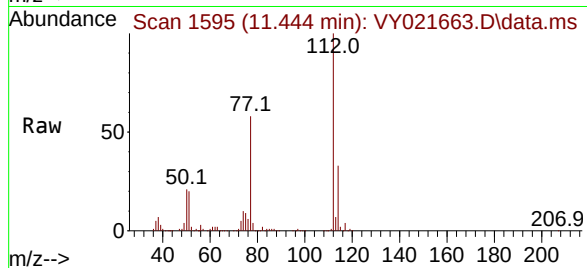
Tgt Ion:164 Resp: 145736
Ion Ratio Lower Upper
164 100
166 126.1 104.6 156.8
129 94.4 76.6 114.8
131 92.9 73.4 110.0





#65
Chlorobenzene
Concen: 50.384 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

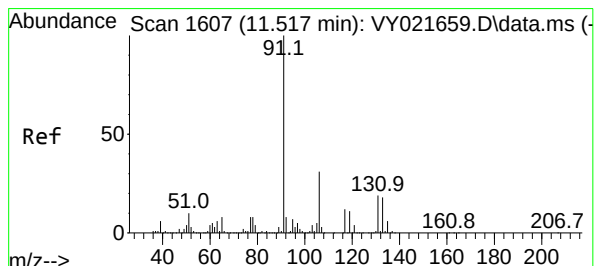
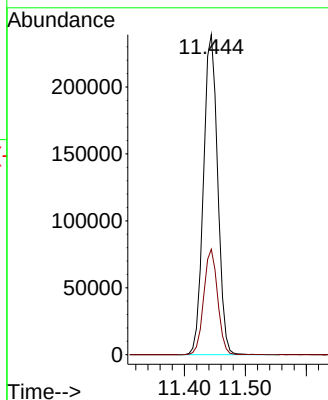
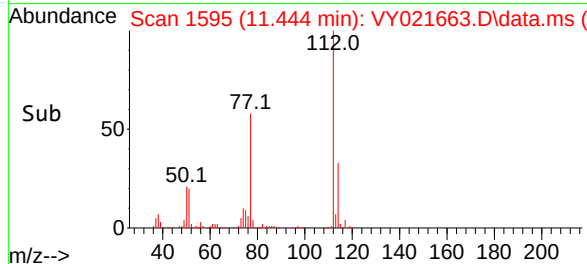
Instrument :
MSVOA_Y
ClientSampleId :
ICVY032725



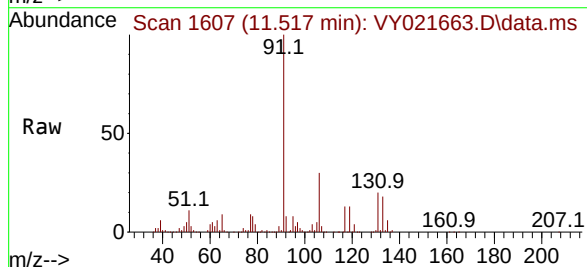
Tgt Ion:112 Resp: 38698
Ion Ratio Lower Upper
112 100
114 32.9 25.9 38.9

Manual Integrations
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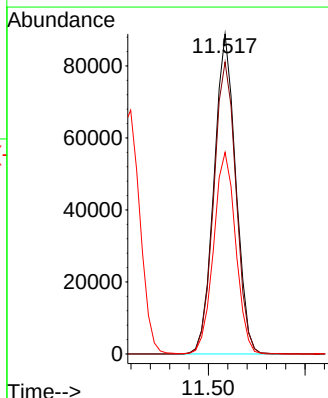
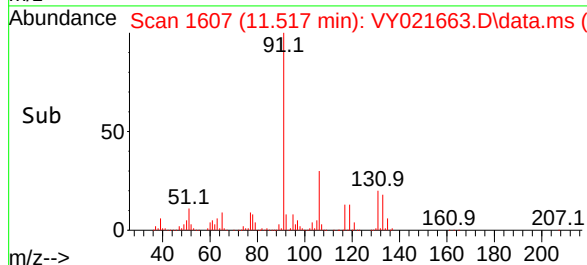
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

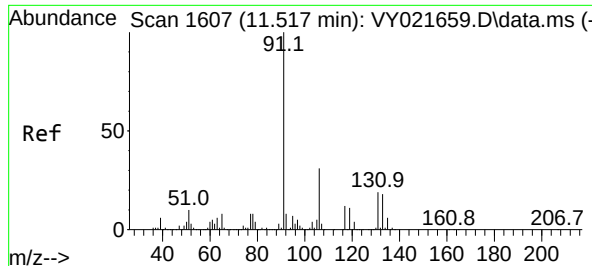


#66
1,1,1,2-Tetrachloroethane
Concen: 50.802 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15



Tgt Ion:131 Resp: 138442
Ion Ratio Lower Upper
131 100
133 93.8 47.3 141.8
119 64.1 31.6 95.0





#67

Ethyl Benzene

Concen: 52.346 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032725

Tgt Ion: 91 Resp: 689434

Ion Ratio Lower Upper

91 100

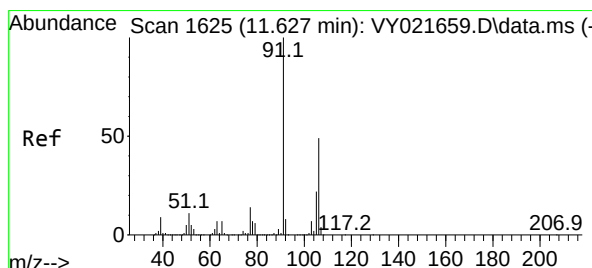
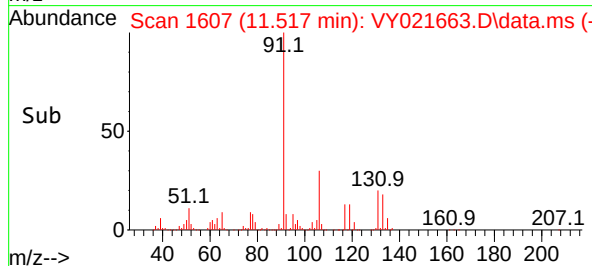
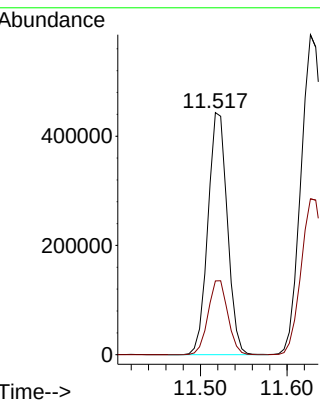
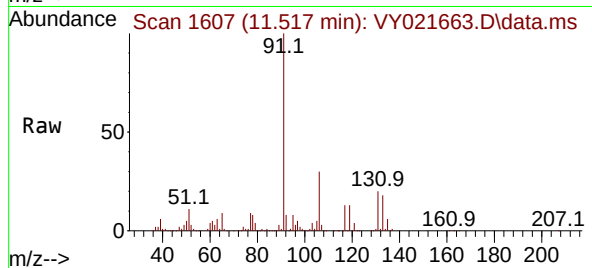
106 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#68

m/p-Xylenes

Concen: 105.402 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY021663.D

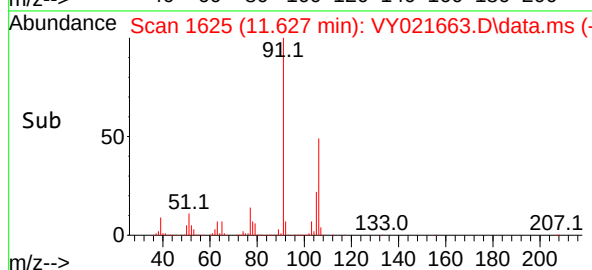
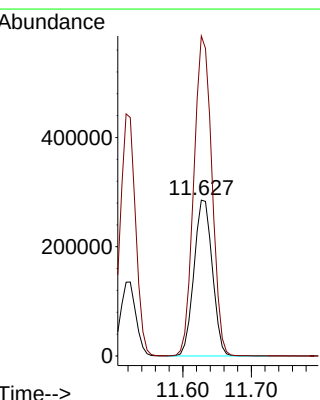
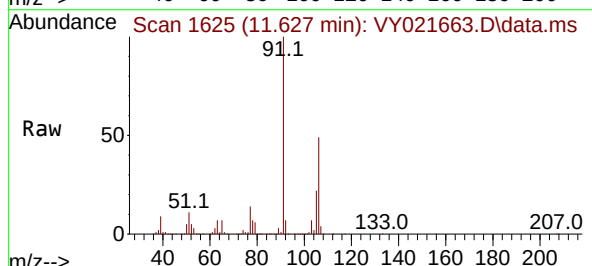
Acq: 27 Mar 2025 13:15

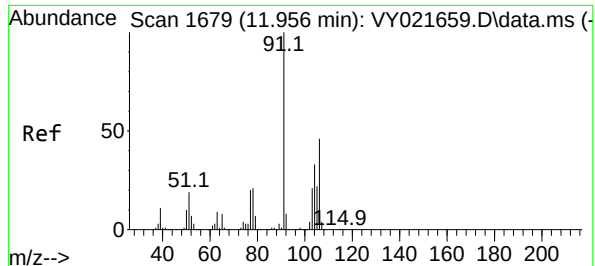
Tgt Ion:106 Resp: 531589

Ion Ratio Lower Upper

106 100

91 202.3 162.4 243.6





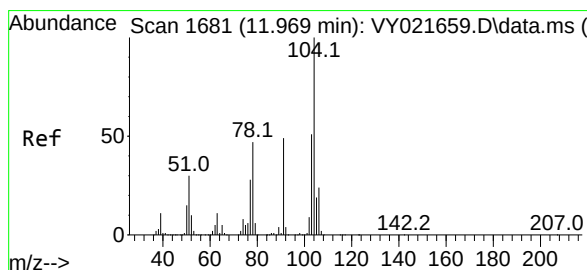
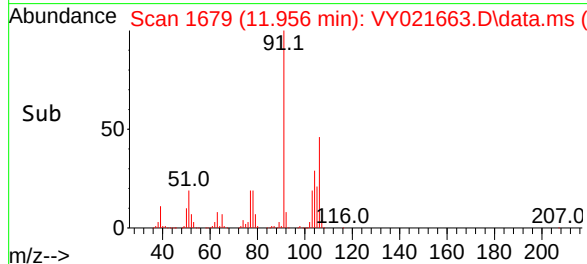
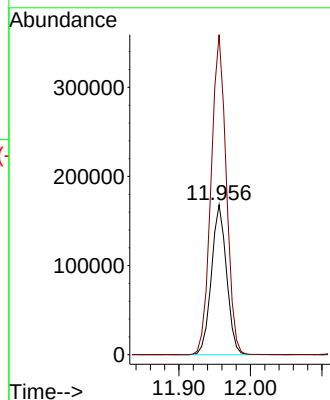
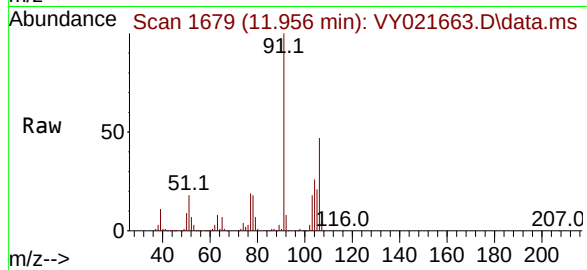
#69
o-Xylene
Concen: 53.075 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032725

Tgt Ion:106 Resp: 247091
Ion Ratio Lower Upper
106 100
91 214.6 106.7 319.9

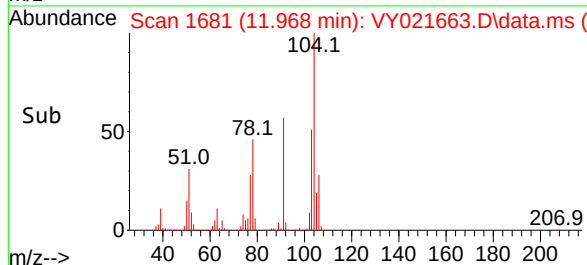
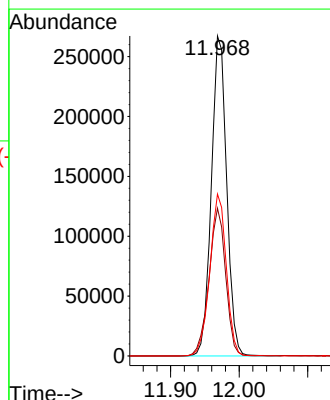
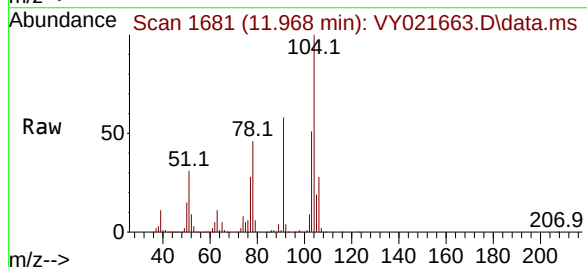
Manual Integrations
APPROVED

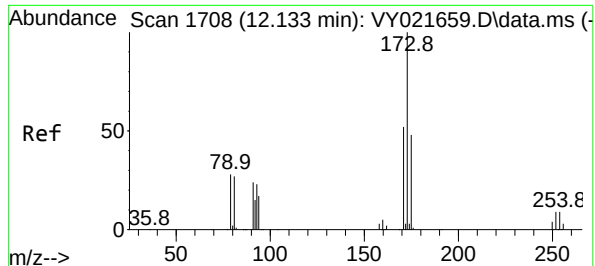
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 53.627 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

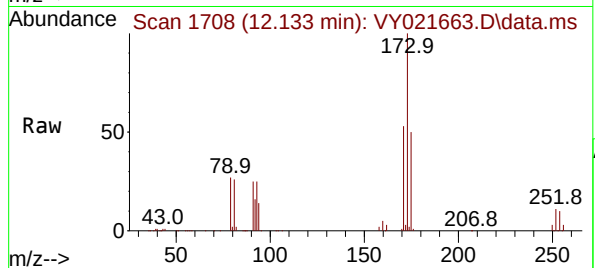
Tgt Ion:104 Resp: 416261
Ion Ratio Lower Upper
104 100
78 50.1 40.8 61.2
103 54.3 44.2 66.2





#71
Bromoform
Concen: 50.778 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

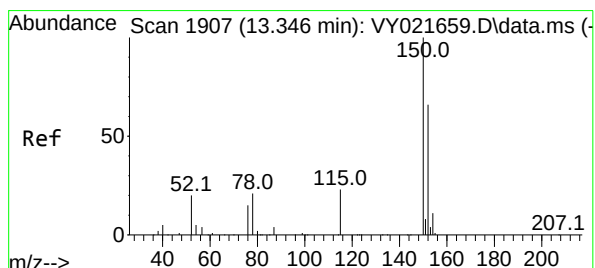
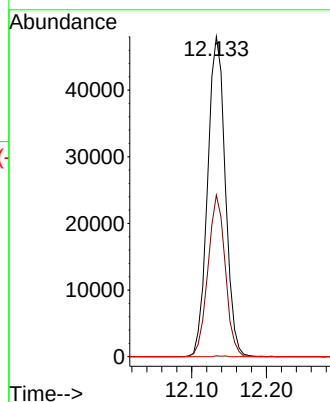
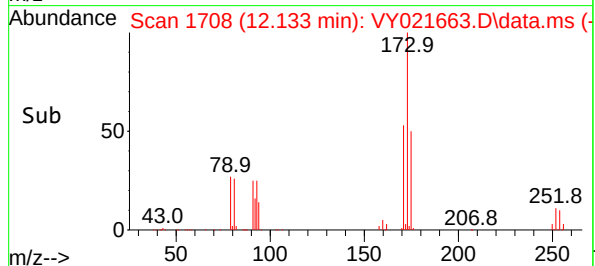
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



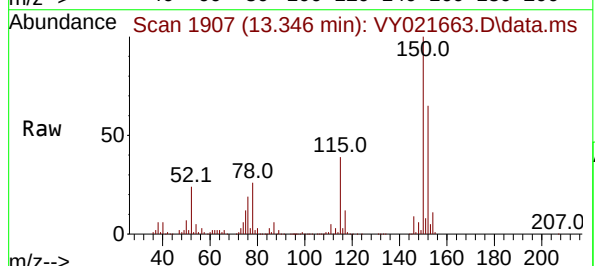
Tgt Ion:173 Resp: 78932
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.2 0.1 0.1

Manual Integrations
APPROVED

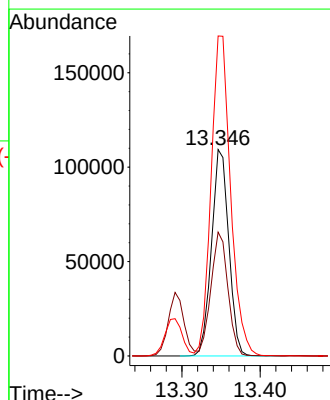
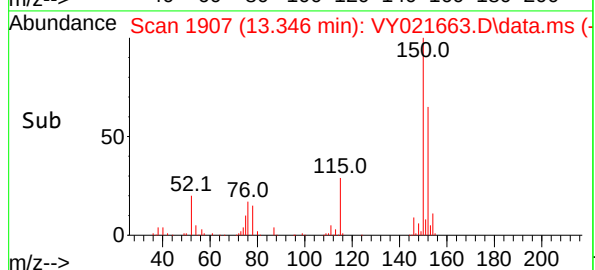
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

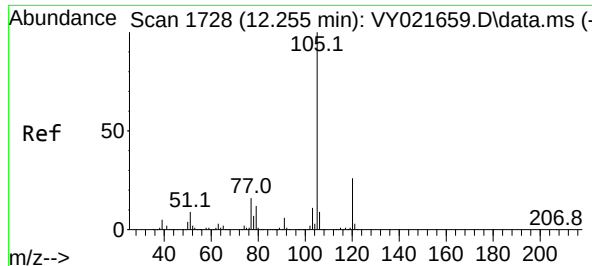


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15



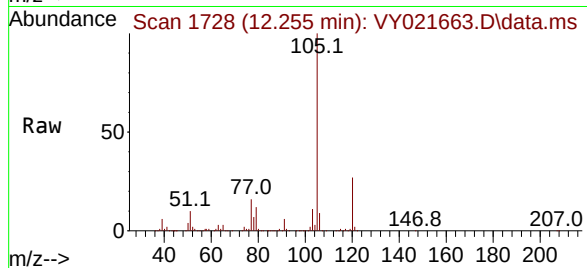
Tgt Ion:152 Resp: 166949
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 175.8 0.0 348.4





#73
Isopropylbenzene
Concen: 52.705 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

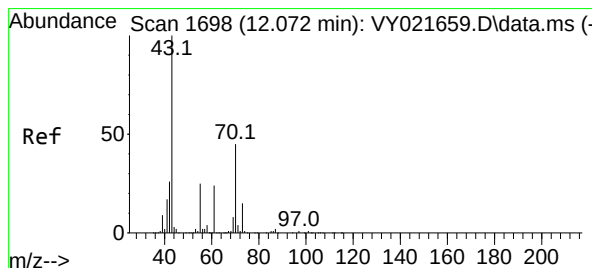
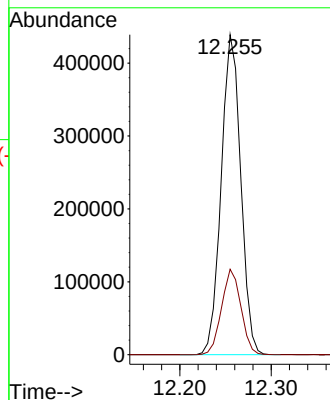
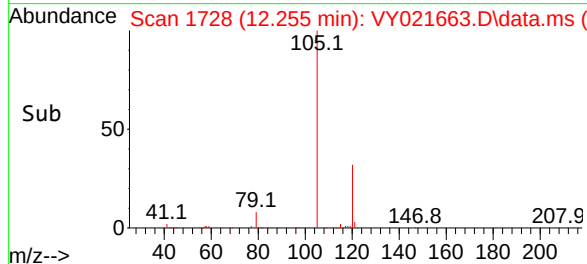
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion: 105 Resp: 65354
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

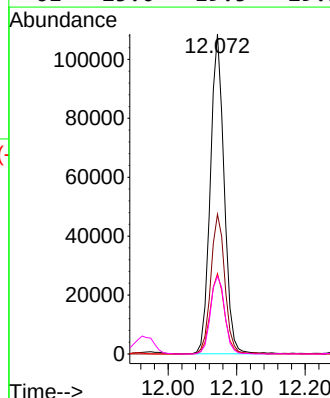
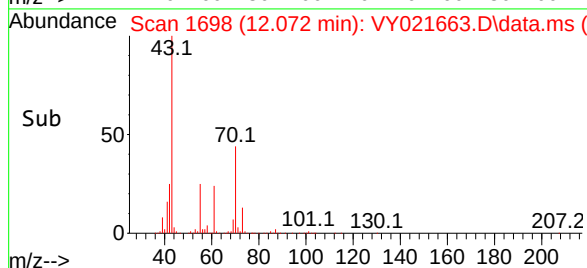
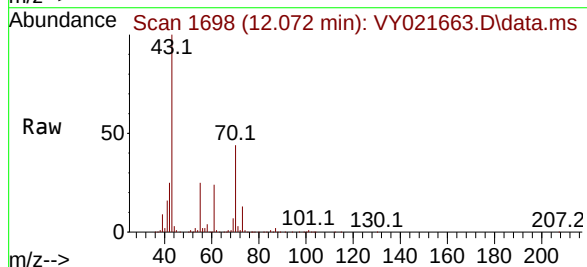
Manual Integrations
APPROVED

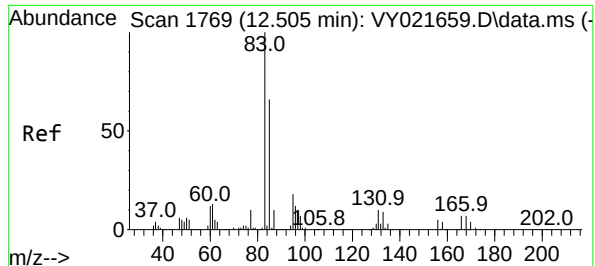
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#74
N-ethyl acetate
Concen: 52.323 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

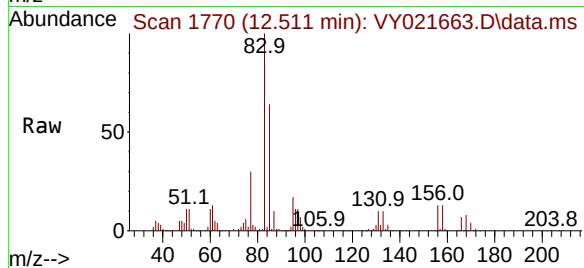
Tgt Ion: 43 Resp: 152268
Ion Ratio Lower Upper
43 100
70 44.6 34.7 52.1
55 26.0 21.2 31.8
61 25.0 19.5 29.3





#75
1,1,2,2-Tetrachloroethane
Concen: 49.266 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

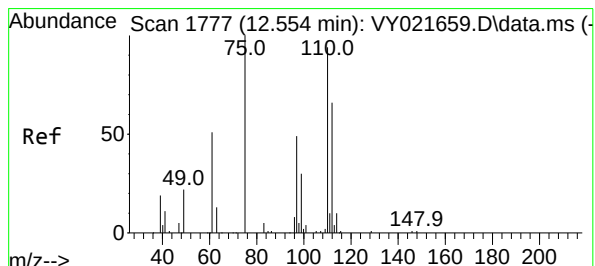
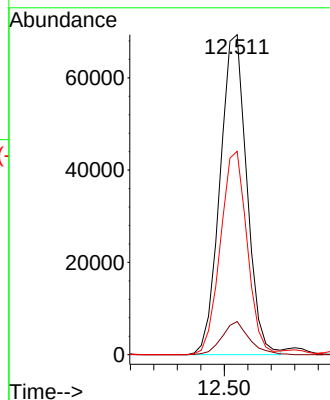
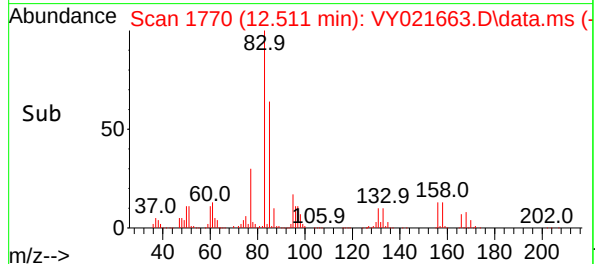
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion: 83 Resp: 10983
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 63.6 32.3 96.8

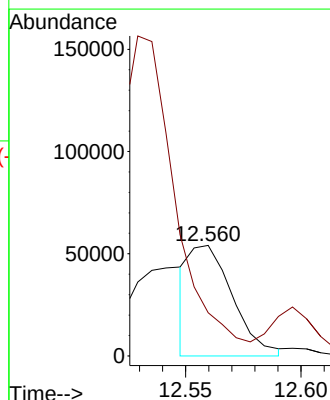
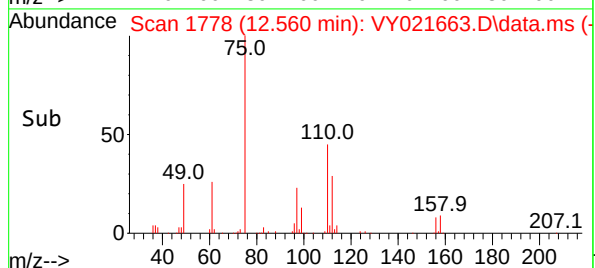
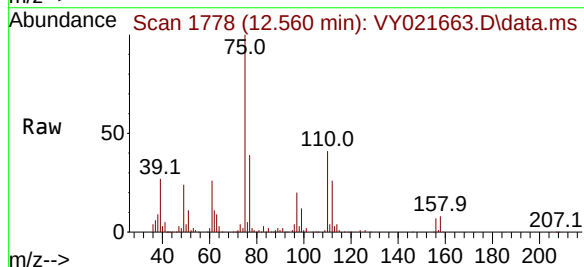
Manual Integrations
APPROVED

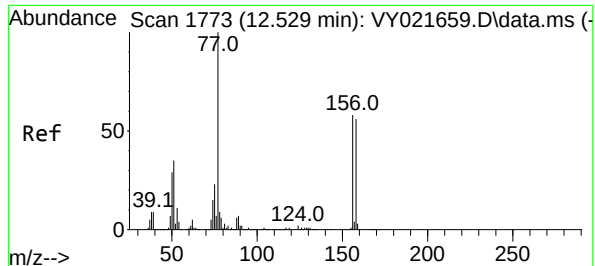
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#76
1,2,3-Trichloropropane
Concen: 42.688 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

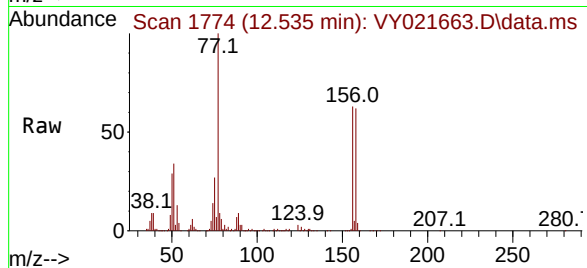
Tgt Ion: 75 Resp: 70644
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 51.125 ug/l
RT: 12.535 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

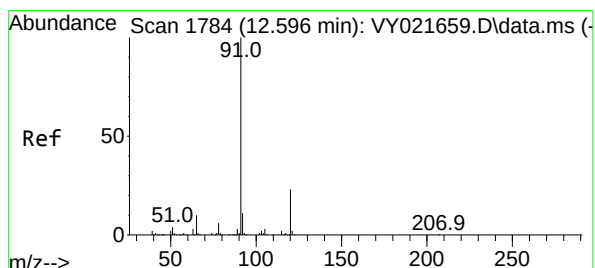
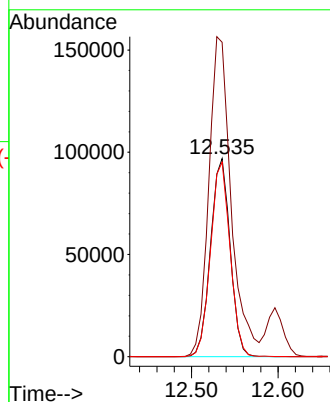
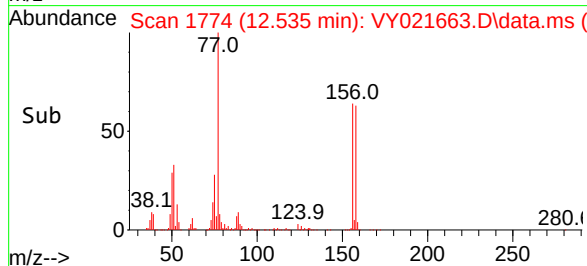
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion:156 Resp: 15221
Ion Ratio Lower Upper
156 100
77 184.2 92.8 278.3
158 98.1 48.5 145.6

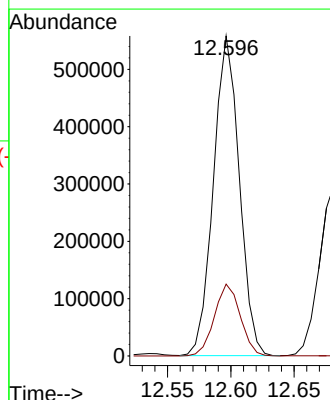
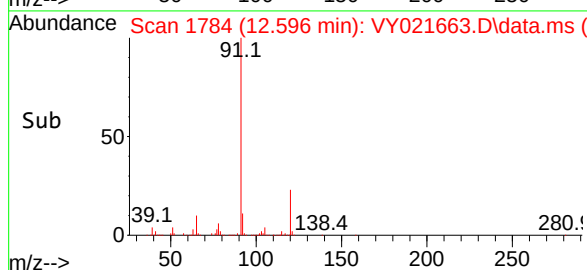
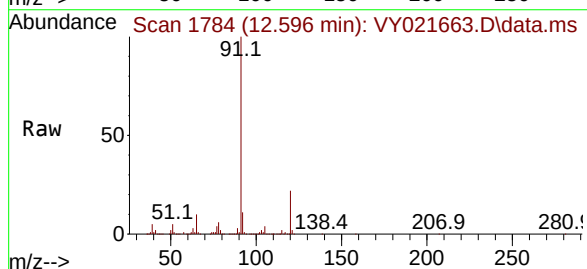
Manual Integrations
APPROVED

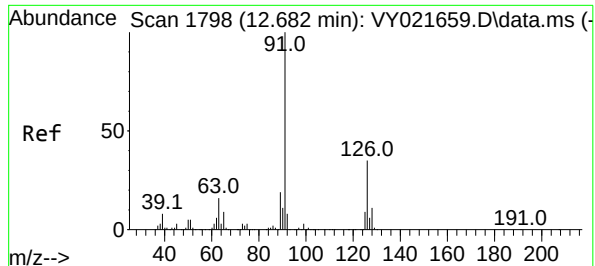
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#78
n-propylbenzene
Concen: 53.182 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

Tgt Ion: 91 Resp: 792814
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9





#79

2-Chlorotoluene

Concen: 51.671 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. -0.000 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY032725

Tgt Ion: 91 Resp: 447402

Ion Ratio Lower Upper

91 100

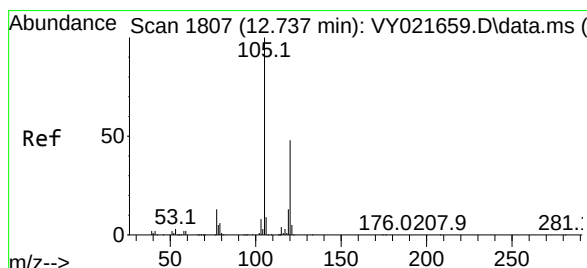
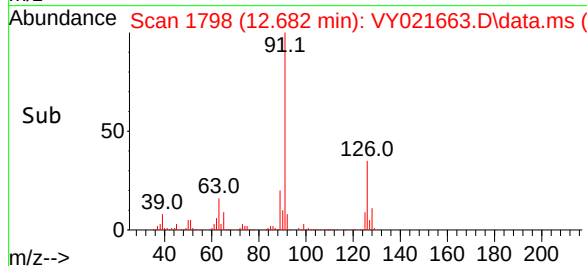
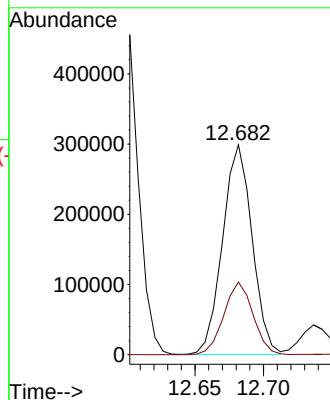
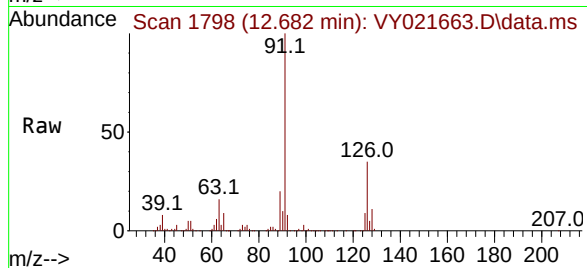
126 34.3 17.3 52.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 53.236 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY021663.D

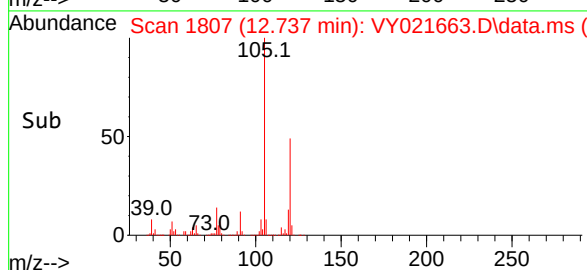
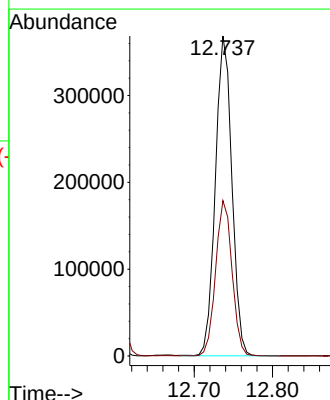
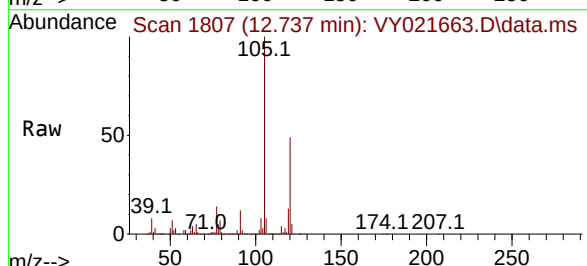
Acq: 27 Mar 2025 13:15

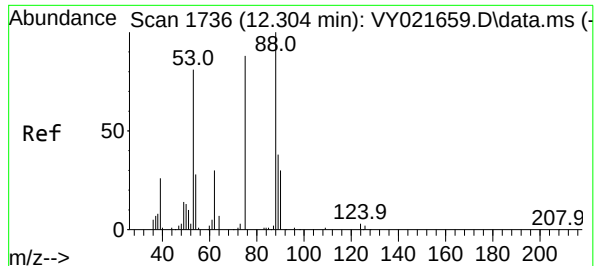
Tgt Ion:105 Resp: 539512

Ion Ratio Lower Upper

105 100

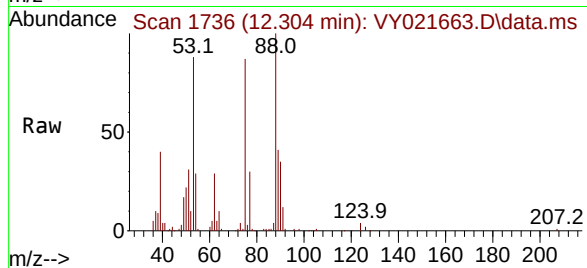
120 48.4 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 49.488 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

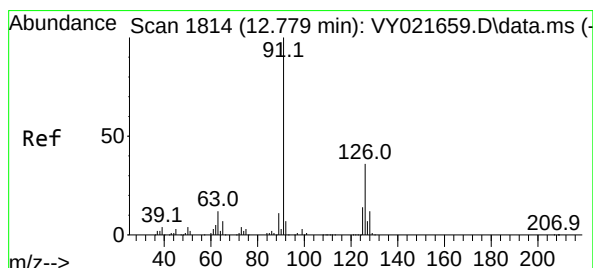
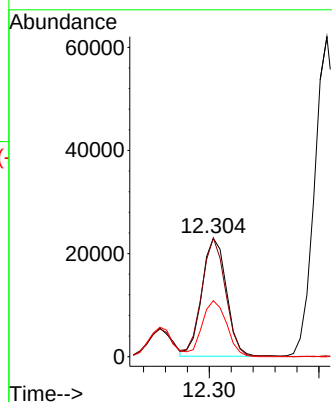
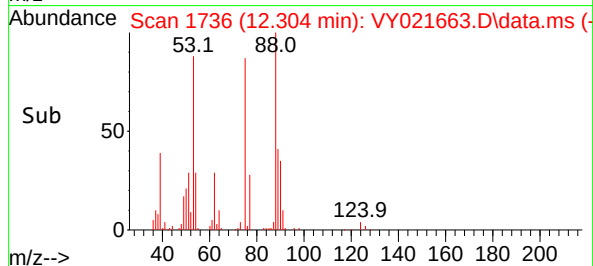
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.7	76.1	114.1
89	47.3	36.2	54.4

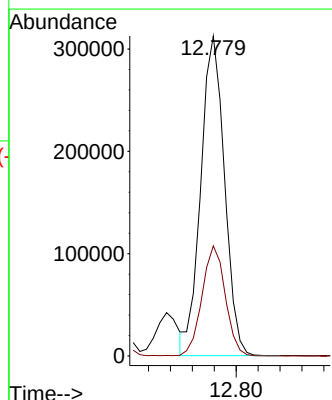
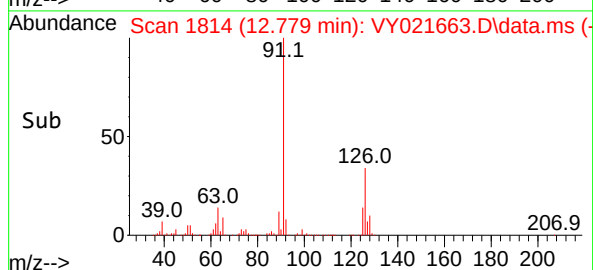
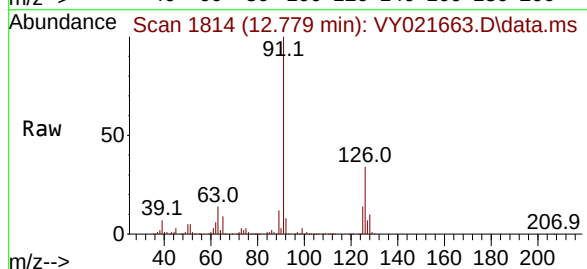
Manual Integrations
APPROVED

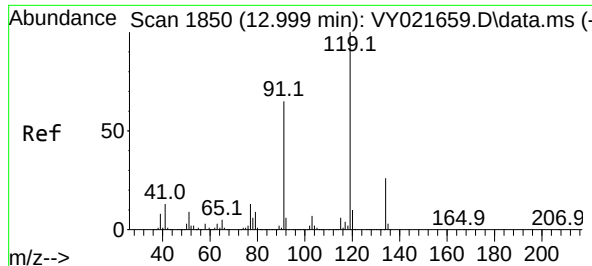
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#82
4-Chlorotoluene
Concen: 51.969 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

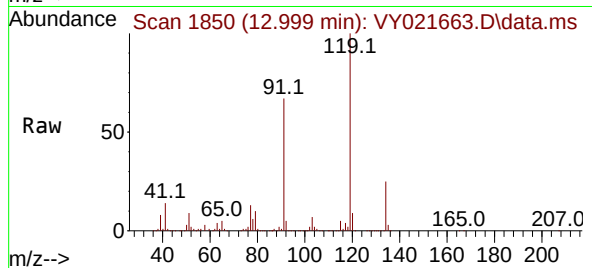
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.0	50.9





#83
tert-Butylbenzene
Concen: 52.616 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

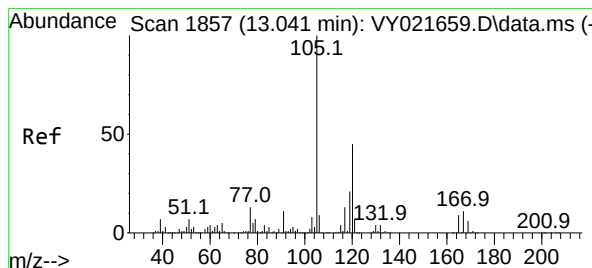
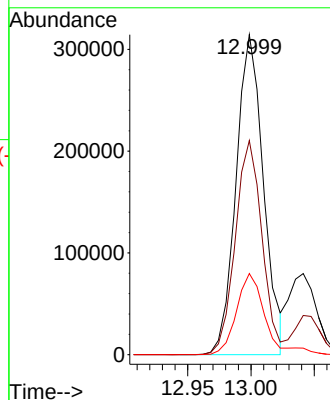
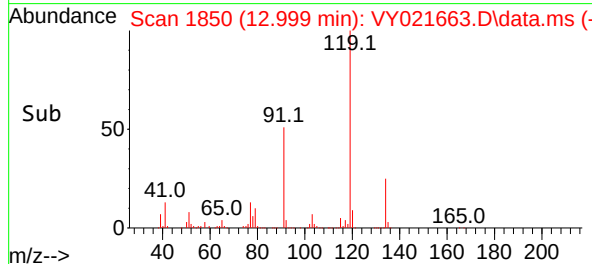
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion:119 Resp: 47494
Ion Ratio Lower Upper
119 100
91 65.1 32.6 97.7
134 26.5 13.2 39.6

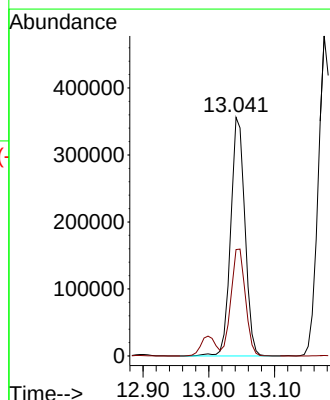
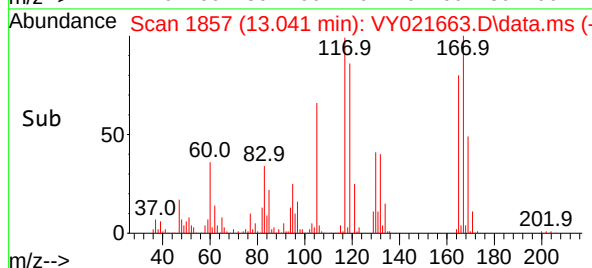
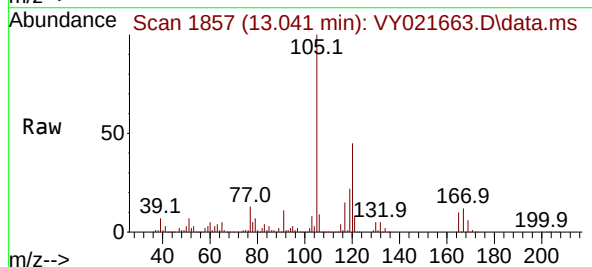
Manual Integrations
APPROVED

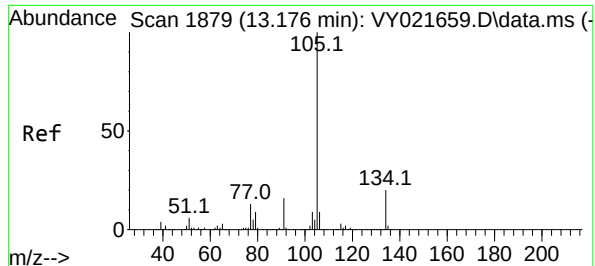
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 53.454 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

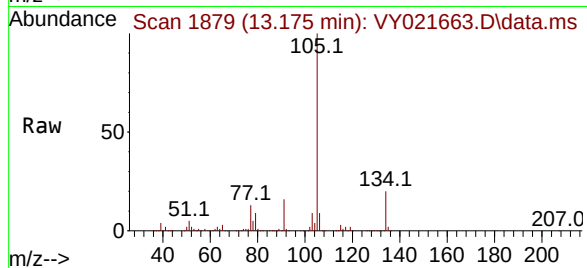
Tgt Ion:105 Resp: 535411
Ion Ratio Lower Upper
105 100
120 45.5 22.7 68.1





#85
sec-Butylbenzene
Concen: 52.471 ug/l
RT: 13.175 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

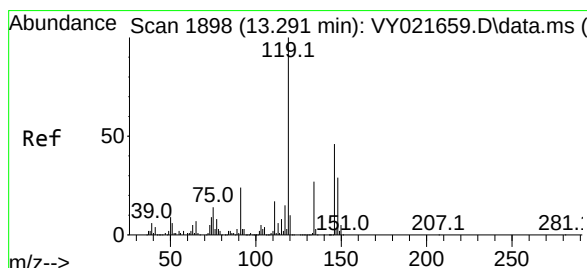
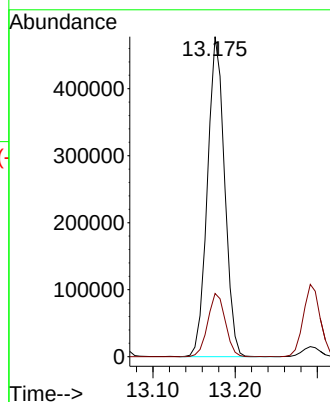
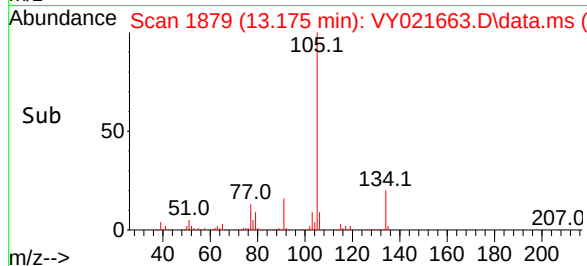
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



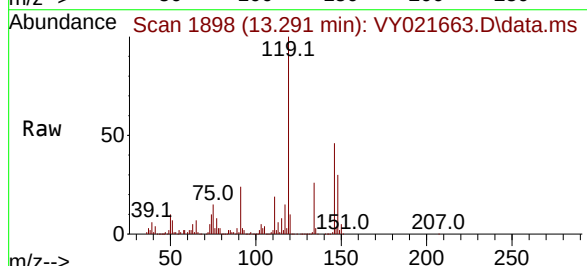
Tgt Ion:105 Resp: 692180
Ion Ratio Lower Upper
105 100
134 20.1 10.1 30.1

Manual Integrations
APPROVED

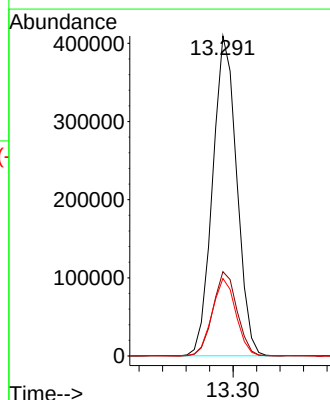
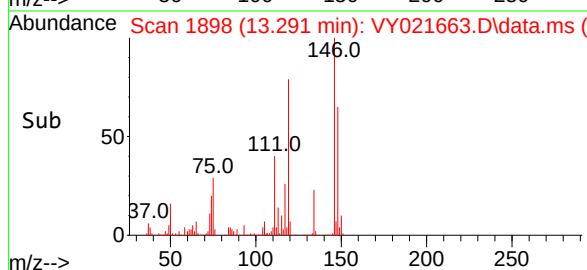
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

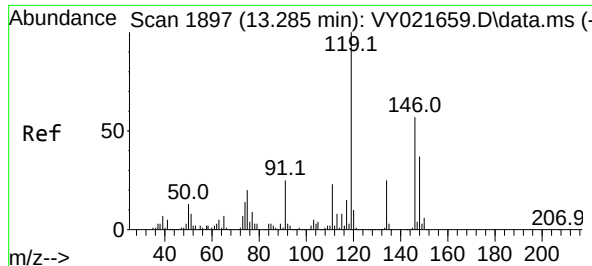


#86
p-Isopropyltoluene
Concen: 53.479 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15



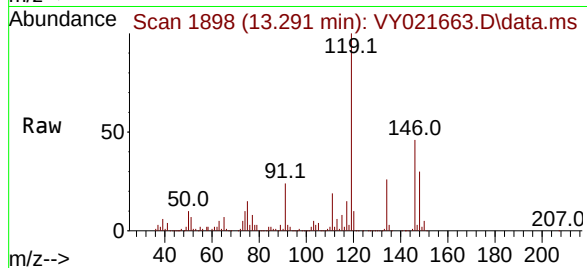
Tgt Ion:119 Resp: 583069
Ion Ratio Lower Upper
119 100
134 26.3 13.2 39.5
91 23.8 12.0 36.0





#87
1,3-Dichlorobenzene
Concen: 50.987 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

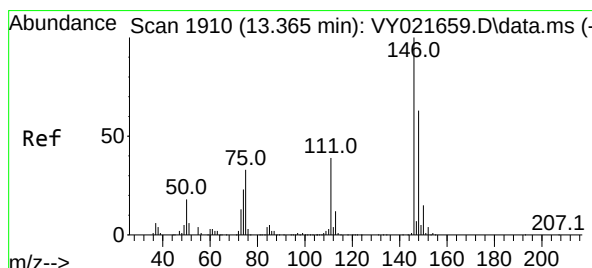
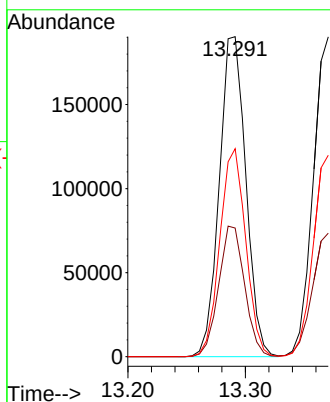
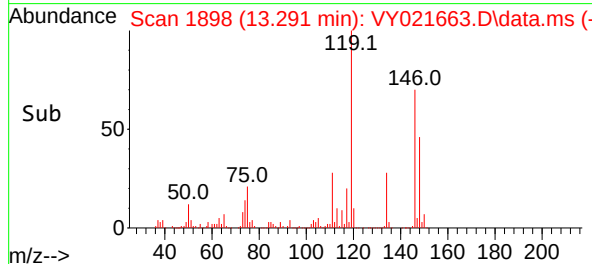
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion:146 Resp: 299075
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 63.5 31.8 95.4

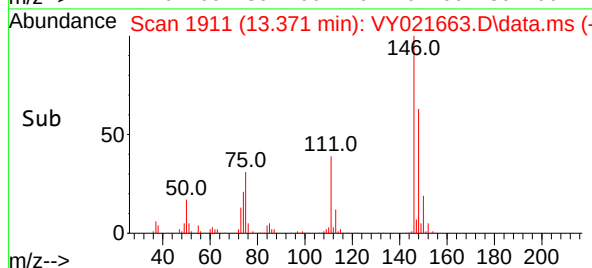
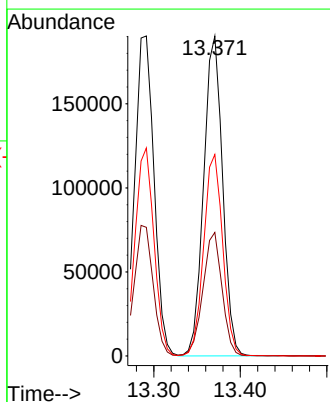
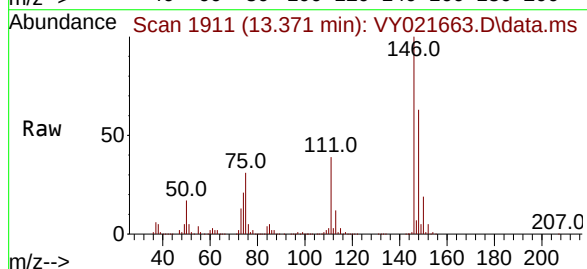
Manual Integrations
APPROVED

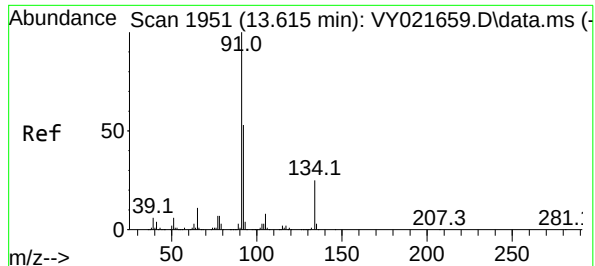
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#88
1,4-Dichlorobenzene
Concen: 49.741 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

Tgt Ion:146 Resp: 288264
Ion Ratio Lower Upper
146 100
111 39.0 19.1 57.1
148 63.7 31.5 94.5





#89

n-Butylbenzene

Concen: 52.927 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021663.D

Acq: 27 Mar 2025 13:15

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032725

Tgt Ion: 91 Resp: 53366

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

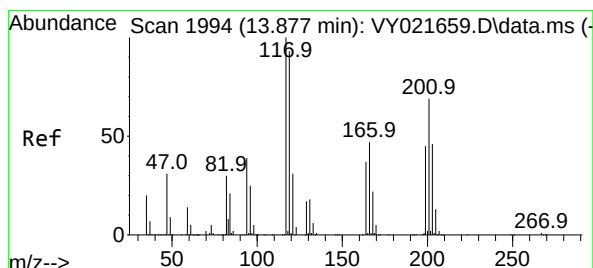
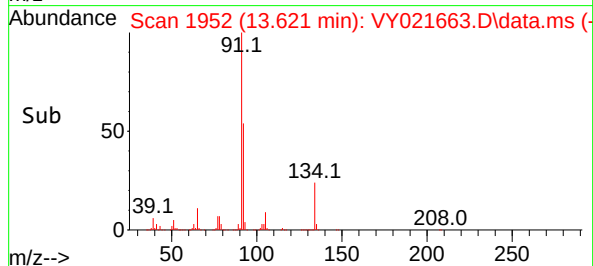
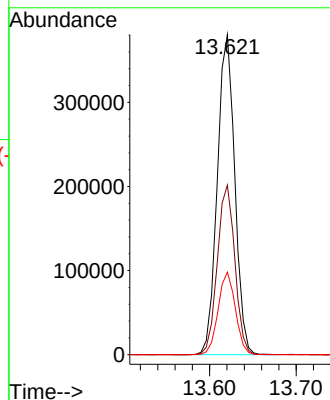
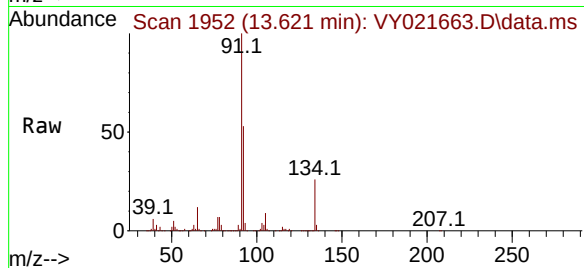
134 25.4 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#90

Hexachloroethane

Concen: 50.454 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021663.D

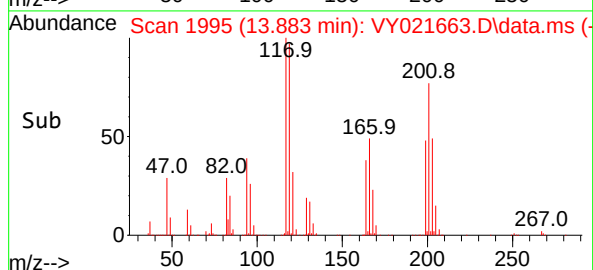
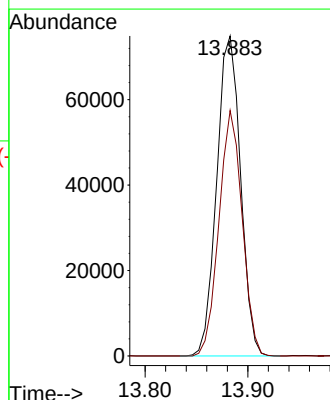
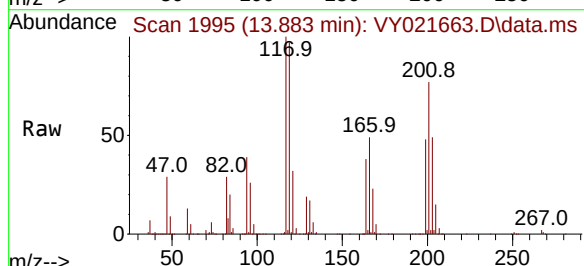
Acq: 27 Mar 2025 13:15

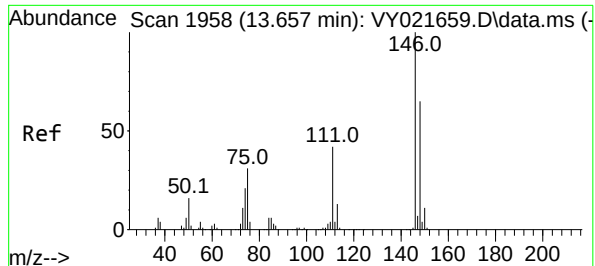
Tgt Ion:117 Resp: 120546

Ion Ratio Lower Upper

117 100

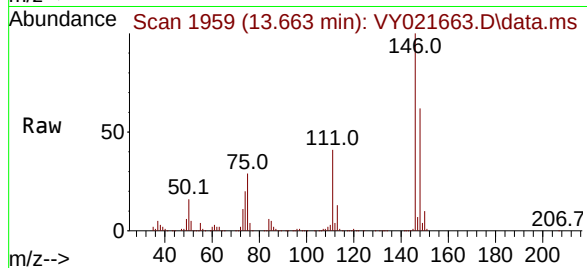
201 74.7 37.4 112.1





#91
1,2-Dichlorobenzene
Concen: 50.346 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

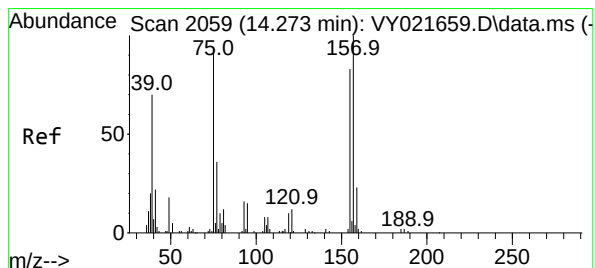
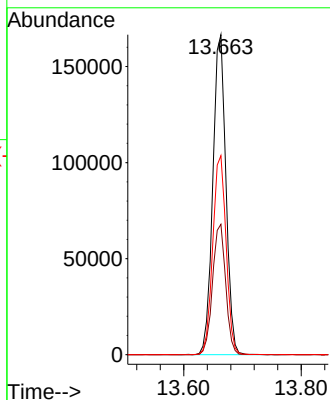
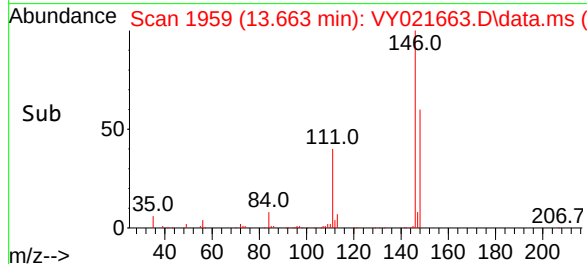
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion:146 Resp: 25707
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 63.6 32.3 96.9

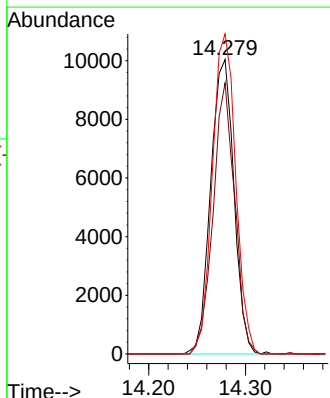
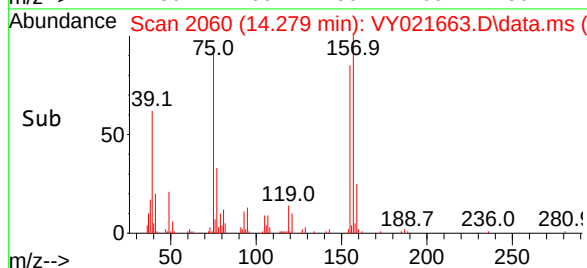
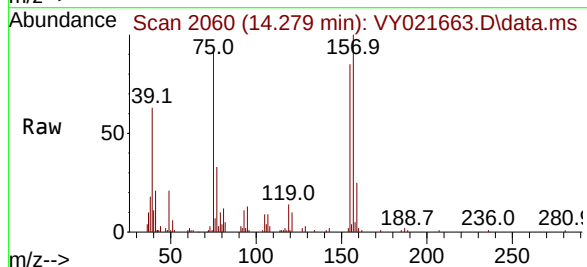
Manual Integrations
APPROVED

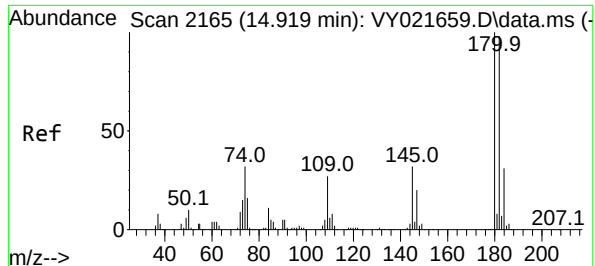
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.476 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

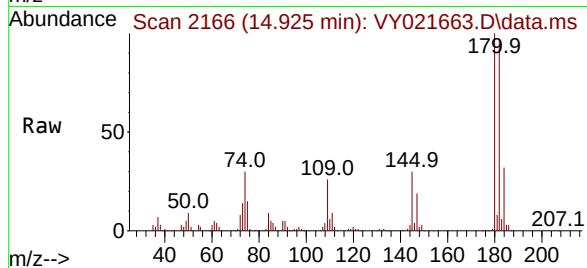
Tgt Ion: 75 Resp: 16750
Ion Ratio Lower Upper
75 100
155 85.3 43.0 128.8
157 109.0 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 51.429 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

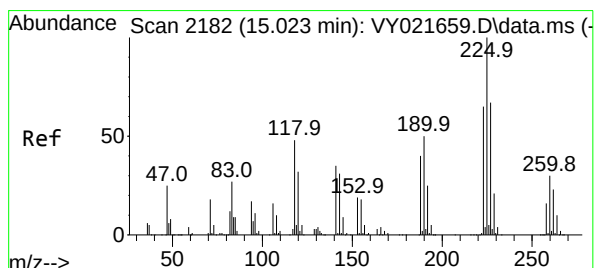
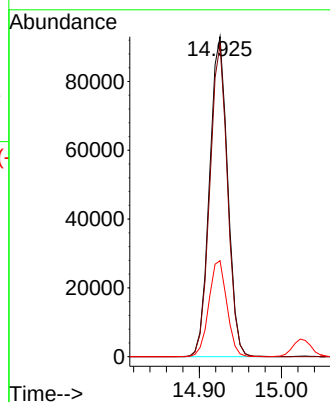
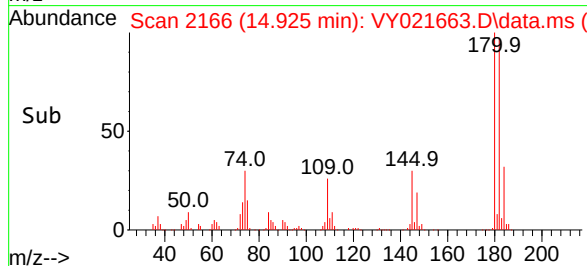
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



Tgt Ion:180 Resp: 142409
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.6
145 30.0 14.9 44.9

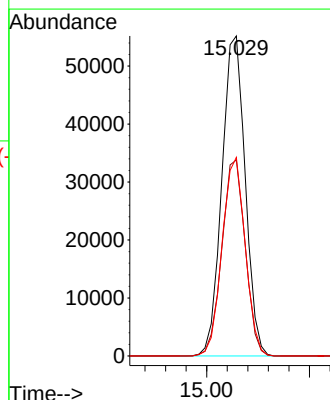
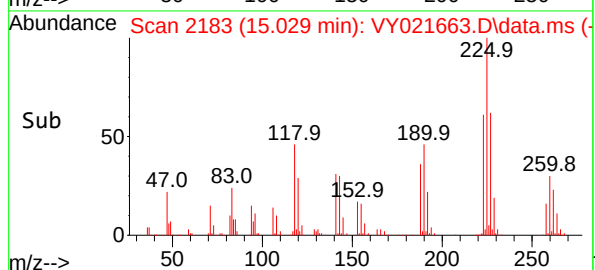
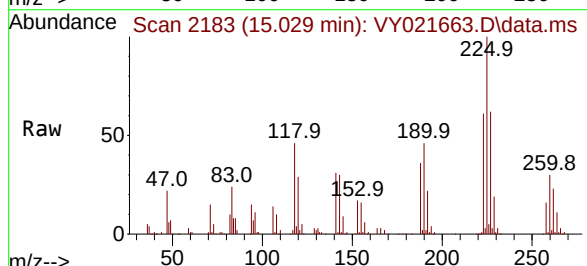
Manual Integrations
APPROVED

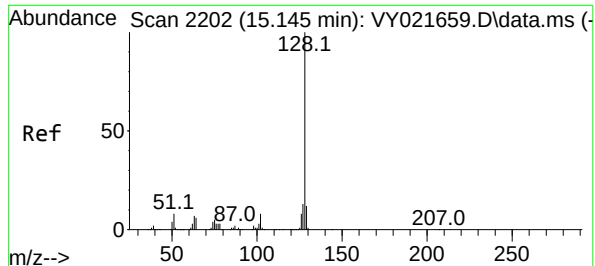
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#94
Hexachlorobutadiene
Concen: 50.245 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

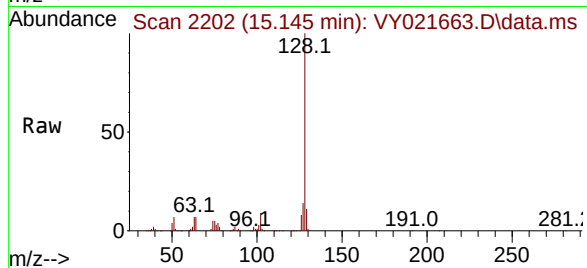
Tgt Ion:225 Resp: 86891
Ion Ratio Lower Upper
225 100
223 61.3 31.9 95.7
227 61.4 32.4 97.0





#95
Naphthalene
Concen: 51.759 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15

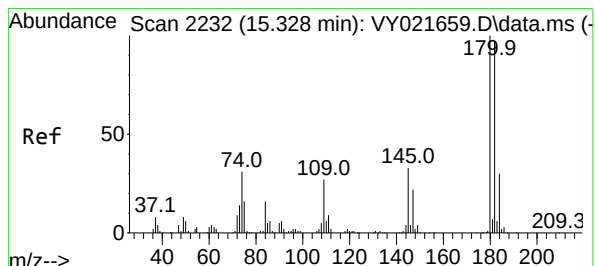
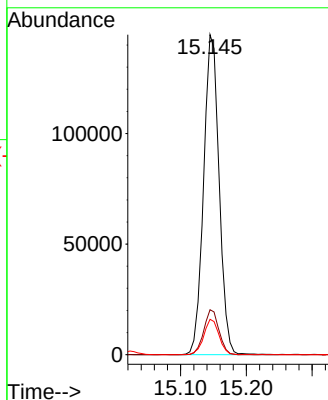
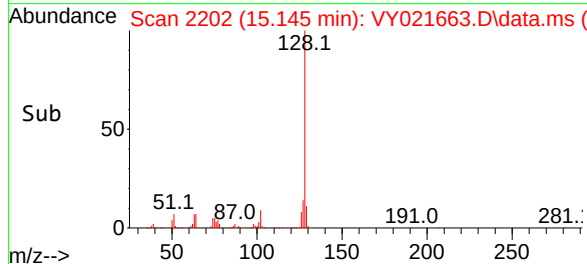
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725



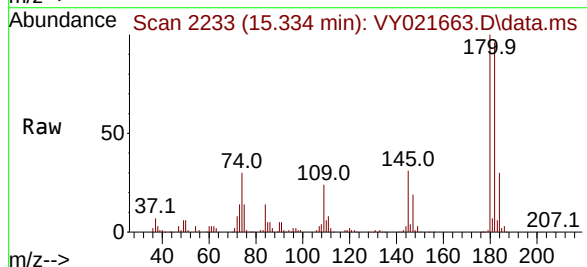
Tgt Ion:128 Resp: 23756
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 10.8 8.8 13.2

Manual Integrations
APPROVED

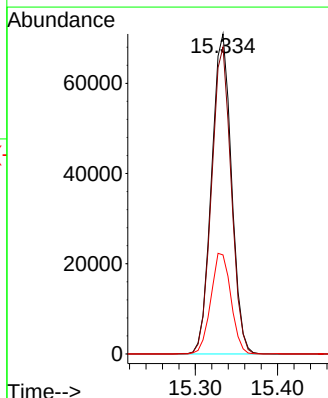
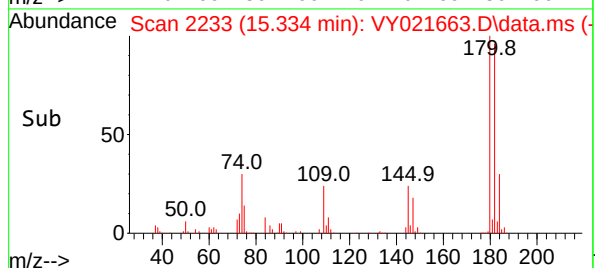
Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.640 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY021663.D
Acq: 27 Mar 2025 13:15



Tgt Ion:180 Resp: 119575
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 31.7 15.9 47.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021663.D
 Acq On : 27 Mar 2025 13:15
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032725

Quant Time: Mar 28 03:48:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	101	0.00
2 T	Dichlorodifluoromethane	0.518	0.504	2.7	101	0.00
3 P	Chloromethane	0.729	0.740	-1.5	108	0.00
4 C	Vinyl Chloride	0.824	0.804	2.4#	102	0.00
5 T	Bromomethane	0.562	0.554	1.4	109	0.00
6 T	Chloroethane	0.539	0.546	-1.3	108	0.00
7 T	Trichlorofluoromethane	1.056	1.098	-4.0	110	0.00
8 T	Diethyl Ether	0.287	0.297	-3.5	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.537	3.6	101	0.00
10 T	Methyl Iodide	0.611	0.597	2.3	92	0.00
11 T	Tert butyl alcohol	0.035	0.034	2.9	101	0.00
12 CM	1,1-Dichloroethene	0.524	0.514	1.9#	101	0.00
13 T	Acrolein	0.064	0.064	0.0	103	0.00
14 T	Allyl chloride	0.836	0.843	-0.8	102	0.00
15 T	Acrylonitrile	0.120	0.118	1.7	99	0.00
16 T	Acetone	0.111	0.104	6.3	98	0.00
17 T	Carbon Disulfide	1.727	1.708	1.1	102	0.00
18 T	Methyl Acetate	0.275	0.268	2.5	102	0.00
19 T	Methyl tert-butyl Ether	1.306	1.320	-1.1	101	0.00
20 T	Methylene Chloride	0.626	0.578	7.7	104	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.580	-0.5	104	0.00
22 T	Diisopropyl ether	1.754	1.799	-2.6	101	0.00
23 T	Vinyl Acetate	1.026	1.053	-2.6	100	0.00
24 P	1,1-Dichloroethane	1.049	1.049	0.0	102	0.00
25 T	2-Butanone	0.158	0.153	3.2	97	0.00
26 T	2,2-Dichloropropane	0.933	0.916	1.8	101	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.660	-1.7	102	0.00
28 T	Bromochloromethane	0.442	0.446	-0.9	106	0.00
29 T	Tetrahydrofuran	0.102	0.101	1.0	97	0.00
30 C	Chloroform	1.091	1.080	1.0#	101	0.00
31 T	Cyclohexane	0.956	0.915	4.3	101	0.00
32 T	1,1,1-Trichloroethane	0.986	0.973	1.3	102	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.569	-5.0	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.324	0.352	-8.6	106	0.00
36 T	1,1-Dichloropropene	0.494	0.497	-0.6	101	0.00
37 T	Ethyl Acetate	0.233	0.229	1.7	99	0.00
38 T	Carbon Tetrachloride	0.566	0.564	0.4	102	0.00
39 T	Methylcyclohexane	0.590	0.612	-3.7	101	0.00
40 TM	Benzene	1.479	1.496	-1.1	102	0.00
41 T	Methacrylonitrile	0.124	0.118	4.8	88	-0.01
42 TM	1,2-Dichloroethane	0.417	0.413	1.0	101	0.00
43 T	Isopropyl Acetate	0.442	0.443	-0.2	100	0.00
44 TM	Trichloroethene	0.377	0.376	0.3	103	0.00
45 C	1,2-Dichloropropane	0.350	0.351	-0.3#	102	0.00
46 T	Dibromomethane	0.202	0.202	0.0	104	0.00
47 T	Bromodichloromethane	0.523	0.529	-1.1	103	0.00
48 T	Methyl methacrylate	0.203	0.211	-3.9	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021663.D
 Acq On : 27 Mar 2025 13:15
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY032725

Quant Time: Mar 28 03:48:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	100	0.00
50 S	Toluene-d8	1.234	1.360	-10.2	107	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.233	-1.3	99	0.00
52 CM	Toluene	0.923	0.952	-3.1#	102	0.00
53 T	t-1,3-Dichloropropene	0.465	0.475	-2.2	100	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.561	-2.4	101	0.00
55 T	1,1,2-Trichloroethane	0.260	0.258	0.8	101	0.00
56 T	Ethyl methacrylate	0.332	0.361	-8.7	101	0.00
57 T	1,3-Dichloropropane	0.449	0.454	-1.1	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.179	-10.5	102	0.00
59 T	2-Hexanone	0.153	0.156	-2.0	98	0.00
60 T	Dibromochloromethane	0.355	0.359	-1.1	101	0.00
61 T	1,2-Dibromoethane	0.244	0.248	-1.6	100	0.00
62 S	4-Bromofluorobenzene	0.417	0.462	-10.8	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.455	0.435	4.4	98	0.00
65 PM	Chlorobenzene	1.146	1.155	-0.8	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.413	-1.5	102	0.00
67 C	Ethyl Benzene	1.965	2.058	-4.7#	102	0.00
68 T	m/p-Xylenes	0.753	0.793	-5.3	102	0.00
69 T	o-Xylene	0.695	0.737	-6.0	102	0.00
70 T	Styrene	1.158	1.242	-7.3	102	0.00
71 P	Bromoform	0.232	0.236	-1.7	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.714	3.915	-5.4	102	0.00
74 T	N-amyl acetate	0.872	0.912	-4.6	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.668	0.658	1.5	100	0.00
76 T	1,2,3-Trichloropropane	0.496	0.423	14.7	84	0.00
77 T	Bromobenzene	0.892	0.912	-2.2	102	0.00
78 T	n-propylbenzene	4.465	4.749	-6.4	102	0.00
79 T	2-Chlorotoluene	2.593	2.680	-3.4	101	0.00
80 T	1,3,5-Trimethylbenzene	3.035	3.232	-6.5	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.213	0.9	95	0.00
82 T	4-Chlorotoluene	2.704	2.810	-3.9	101	0.00
83 T	tert-Butylbenzene	2.703	2.845	-5.3	101	0.00
84 T	1,2,4-Trimethylbenzene	3.000	3.207	-6.9	102	0.00
85 T	sec-Butylbenzene	3.951	4.146	-4.9	101	0.00
86 T	p-Isopropyltoluene	3.265	3.492	-7.0	101	0.00
87 T	1,3-Dichlorobenzene	1.757	1.791	-1.9	102	0.00
88 T	1,4-Dichlorobenzene	1.736	1.727	0.5	99	0.00
89 T	n-Butylbenzene	3.020	3.197	-5.9	100	0.00
90 T	Hexachloroethane	0.716	0.722	-0.8	102	0.00
91 T	1,2-Dichlorobenzene	1.529	1.540	-0.7	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.100	2.9	98	0.00
93 T	1,2,4-Trichlorobenzene	0.829	0.853	-2.9	97	0.00
94 T	Hexachlorobutadiene	0.518	0.520	-0.4	99	0.00
95 T	Naphthalene	1.375	1.423	-3.5	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021663.D
Acq On : 27 Mar 2025 13:15
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725

Quant Time: Mar 28 03:48:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 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	0.707	0.716	-1.3	95	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021663.D
 Acq On : 27 Mar 2025 13:15
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032725

Quant Time: Mar 28 03:48:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	48.632	2.7	101	0.00
3 P	Chloromethane	50.000	50.781	-1.6	108	0.00
4 C	Vinyl Chloride	50.000	48.759	2.5#	102	0.00
5 T	Bromomethane	50.000	49.274	1.5	109	0.00
6 T	Chloroethane	50.000	50.589	-1.2	108	0.00
7 T	Trichlorofluoromethane	50.000	51.989	-4.0	110	0.00
8 T	Diethyl Ether	50.000	51.807	-3.6	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.213	3.6	101	0.00
10 T	Methyl Iodide	50.000	48.859	2.3	92	0.00
11 T	Tert butyl alcohol	250.000	239.093	4.4	101	0.00
12 CM	1,1-Dichloroethene	50.000	48.958	2.1#	101	0.00
13 T	Acrolein	250.000	249.738	0.1	103	0.00
14 T	Allyl chloride	50.000	50.380	-0.8	102	0.00
15 T	Acrylonitrile	250.000	246.085	1.6	99	0.00
16 T	Acetone	250.000	234.856	6.1	98	0.00
17 T	Carbon Disulfide	50.000	49.428	1.1	102	0.00
18 T	Methyl Acetate	50.000	48.703	2.6	102	0.00
19 T	Methyl tert-butyl Ether	50.000	50.561	-1.1	101	0.00
20 T	Methylene Chloride	50.000	53.536	-7.1	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.186	-0.4	104	0.00
22 T	Diisopropyl ether	50.000	51.273	-2.5	101	0.00
23 T	Vinyl Acetate	250.000	256.638	-2.7	100	0.00
24 P	1,1-Dichloroethane	50.000	50.001	-0.0	102	0.00
25 T	2-Butanone	250.000	240.921	3.6	97	0.00
26 T	2,2-Dichloropropane	50.000	49.103	1.8	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.806	-1.6	102	0.00
28 T	Bromochloromethane	50.000	50.360	-0.7	106	0.00
29 T	Tetrahydrofuran	250.000	247.271	1.1	97	0.00
30 C	Chloroform	50.000	49.490	1.0#	101	0.00
31 T	Cyclohexane	50.000	47.844	4.3	101	0.00
32 T	1,1,1-Trichloroethane	50.000	49.319	1.4	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.553	-5.1	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	54.243	-8.5	106	0.00
36 T	1,1-Dichloropropene	50.000	50.326	-0.7	101	0.00
37 T	Ethyl Acetate	50.000	49.145	1.7	99	0.00
38 T	Carbon Tetrachloride	50.000	49.814	0.4	102	0.00
39 T	Methylcyclohexane	50.000	51.843	-3.7	101	0.00
40 TM	Benzene	50.000	50.574	-1.1	102	0.00
41 T	Methacrylonitrile	50.000	47.475	5.0	88	-0.01
42 TM	1,2-Dichloroethane	50.000	49.556	0.9	101	0.00
43 T	Isopropyl Acetate	50.000	50.106	-0.2	100	0.00
44 TM	Trichloroethene	50.000	49.933	0.1	103	0.00
45 C	1,2-Dichloropropane	50.000	50.158	-0.3#	102	0.00
46 T	Dibromomethane	50.000	50.052	-0.1	104	0.00
47 T	Bromodichloromethane	50.000	50.530	-1.1	103	0.00
48 T	Methyl methacrylate	50.000	52.076	-4.2	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021663.D
 Acq On : 27 Mar 2025 13:15
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY032725

Quant Time: Mar 28 03:48:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	1006.593	-0.7	100	0.00
50 S	Toluene-d8	50.000	55.117	-10.2	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.890	-1.2	99	0.00
52 CM	Toluene	50.000	51.555	-3.1#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	51.152	-2.3	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.154	-2.3	101	0.00
55 T	1,1,2-Trichloroethane	50.000	49.656	0.7	101	0.00
56 T	Ethyl methacrylate	50.000	54.371	-8.7	101	0.00
57 T	1,3-Dichloropropane	50.000	50.563	-1.1	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	276.714	-10.7	102	0.00
59 T	2-Hexanone	250.000	255.065	-2.0	98	0.00
60 T	Dibromochloromethane	50.000	50.679	-1.4	101	0.00
61 T	1,2-Dibromoethane	50.000	50.970	-1.9	100	0.00
62 S	4-Bromofluorobenzene	50.000	55.339	-10.7	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	47.757	4.5	98	0.00
65 PM	Chlorobenzene	50.000	50.384	-0.8	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.802	-1.6	102	0.00
67 C	Ethyl Benzene	50.000	52.346	-4.7#	102	0.00
68 T	m/p-Xylenes	100.000	105.402	-5.4	102	0.00
69 T	o-Xylene	50.000	53.075	-6.2	102	0.00
70 T	Styrene	50.000	53.627	-7.3	102	0.00
71 P	Bromoform	50.000	50.778	-1.6	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	52.705	-5.4	102	0.00
74 T	N-amyl acetate	50.000	52.323	-4.6	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.266	1.5	100	0.00
76 T	1,2,3-Trichloropropane	50.000	42.688	14.6	84	0.00
77 T	Bromobenzene	50.000	51.125	-2.3	102	0.00
78 T	n-propylbenzene	50.000	53.182	-6.4	102	0.00
79 T	2-Chlorotoluene	50.000	51.671	-3.3	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.236	-6.5	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.488	1.0	95	0.00
82 T	4-Chlorotoluene	50.000	51.969	-3.9	101	0.00
83 T	tert-Butylbenzene	50.000	52.616	-5.2	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.454	-6.9	102	0.00
85 T	sec-Butylbenzene	50.000	52.471	-4.9	101	0.00
86 T	p-Isopropyltoluene	50.000	53.479	-7.0	101	0.00
87 T	1,3-Dichlorobenzene	50.000	50.987	-2.0	102	0.00
88 T	1,4-Dichlorobenzene	50.000	49.741	0.5	99	0.00
89 T	n-Butylbenzene	50.000	52.927	-5.9	100	0.00
90 T	Hexachloroethane	50.000	50.454	-0.9	102	0.00
91 T	1,2-Dichlorobenzene	50.000	50.346	-0.7	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.476	3.0	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.429	-2.9	97	0.00
94 T	Hexachlorobutadiene	50.000	50.245	-0.5	99	0.00
95 T	Naphthalene	50.000	51.759	-3.5	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021663.D
Acq On : 27 Mar 2025 13:15
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032725

Quant Time: Mar 28 03:48:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 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	50.640	-1.3	95	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: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG No.: Q1761

Instrument ID: MSVOA_Y Calibration Date/Time: 04/11/2025 09:18

Lab File ID: VY021850.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:08 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.500		-3.47	20
Chloromethane	0.729	0.591	0.1	-18.93	20
Vinyl Chloride	0.824	0.724		-12.14	20
Bromomethane	0.562	0.463		-17.62	20
Chloroethane	0.539	0.483		-10.39	20
Trichlorofluoromethane	1.056	1.051		-0.47	20
1,1,2-Trichlorotrifluoroethane	0.557	0.581		4.31	20
1,1-Dichloroethene	0.524	0.541		3.24	20
Acetone	0.111	0.094		-15.31	20
Carbon Disulfide	1.727	1.635		-5.33	20
Methyl tert-butyl Ether	1.306	1.320		1.07	20
Methyl Acetate	0.275	0.290		5.45	20
Methylene Chloride	0.626	0.581		-7.19	20
trans-1,2-Dichloroethene	0.577	0.594		2.95	20
1,1-Dichloroethane	1.049	1.065	0.1	1.52	20
Cyclohexane	0.956	0.919		-3.87	20
2-Butanone	0.158	0.139		-12.02	20
Carbon Tetrachloride	0.566	0.635		12.19	20
cis-1,2-Dichloroethene	0.649	0.680		4.78	20
Bromochloromethane	0.442	0.405		-8.37	20
Chloroform	1.091	1.112		1.92	20
1,1,1-Trichloroethane	0.986	1.021		3.55	20
Methylcyclohexane	0.590	0.661		12.03	20
Benzene	1.479	1.585		7.17	20
1,2-Dichloroethane	0.417	0.424		1.68	20
Trichloroethene	0.377	0.432		14.59	20
1,2-Dichloropropane	0.350	0.373		6.57	20
Bromodichloromethane	0.523	0.552		5.55	20
4-Methyl-2-Pentanone	0.230	0.221		-3.91	20
Toluene	0.923	1.019		10.4	20
t-1,3-Dichloropropene	0.465	0.489		5.16	20
cis-1,3-Dichloropropene	0.548	0.585		6.75	20
1,1,2-Trichloroethane	0.260	0.270		3.85	20
2-Hexanone	0.153	0.146		-4.57	20
Dibromochloromethane	0.355	0.384		8.17	20
1,2-Dibromoethane	0.244	0.260		6.56	20
Tetrachloroethene	0.455	0.571		25.5	20
Chlorobenzene	1.146	1.268	0.3	10.65	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: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG No.: Q1761

Instrument ID: MSVOA_Y Calibration Date/Time: 04/11/2025 09:18

Lab File ID: VY021850.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:08 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.965	2.263		15.16	20
m/p-Xylenes	0.753	0.863		14.61	20
o-Xylene	0.695	0.813		16.98	20
Styrene	1.158	1.347		16.32	20
Bromoform	0.232	0.254	0.1	9.48	20
Isopropylbenzene	3.714	4.282		15.29	20
1,1,2,2-Tetrachloroethane	0.668	0.611	0.3	-8.53	20
1,3-Dichlorobenzene	1.757	1.945		10.7	20
1,4-Dichlorobenzene	1.736	1.895		9.16	20
1,2-Dichlorobenzene	1.529	1.699		11.12	20
1,2-Dibromo-3-Chloropropane	0.103	0.103		0	20
1,2,4-Trichlorobenzene	0.829	1.048		26.42	20
1,2,3-Trichlorobenzene	0.707	0.882		24.75	20
1,2-Dichloroethane-d4	0.542	0.511		-5.72	20
Dibromofluoromethane	0.324	0.349		7.72	20
Toluene-d8	1.234	1.339		8.51	20
4-Bromofluorobenzene	0.417	0.461		10.55	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\VY041125\
 Data File : VY021850.D
 Acq On : 11 Apr 2025 09:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025

Quant Time: Apr 12 02:44:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	297119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	443480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	386894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	196263	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	151806	47.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.320%
35) Dibromofluoromethane	7.634	113	154716	53.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.560%
50) Toluene-d8	10.109	98	593879	54.265	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.520%
62) 4-Bromofluorobenzene	12.407	95	204439	55.227	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.460%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	148510	48.224	ug/l	99
3) Chloromethane	2.068	50	175685	40.571	ug/l	99
4) Vinyl Chloride	2.202	62	215226	43.949	ug/l	99
5) Bromomethane	2.592	94	137642	41.209	ug/l	98
6) Chloroethane	2.732	64	143455	44.767	ug/l	99
7) Trichlorofluoromethane	3.055	101	312161	49.760	ug/l	99
8) Diethyl Ether	3.458	74	83429	48.903	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.811	101	172642	52.178	ug/l	98
10) Methyl Iodide	4.000	142	213799	58.901	ug/l	97
11) Tert butyl alcohol	4.860	59	43085	206.054	ug/l	98
12) 1,1-Dichloroethene	3.787	96	160729	51.574	ug/l	95
13) Acrolein	3.653	56	24030	62.939	ug/l	98
14) Allyl chloride	4.385	41	245253	49.357	ug/l	98
15) Acrylonitrile	5.055	53	160485	225.299	ug/l	98
16) Acetone	3.872	43	140115	212.668	ug/l	97
17) Carbon Disulfide	4.104	76	485682	47.315	ug/l	98
18) Methyl Acetate	4.385	43	86045	52.695	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	392324	50.564	ug/l	97
20) Methylene Chloride	4.610	84	172521	53.807	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	176505	51.439	ug/l	99
22) Diisopropyl ether	6.018	45	520584	49.943	ug/l	97
23) Vinyl Acetate	5.957	43	1395888	228.914	ug/l	97
24) 1,1-Dichloroethane	5.915	63	316500	50.780	ug/l	100
25) 2-Butanone	6.890	43	206410	219.344	ug/l	100
26) 2,2-Dichloropropane	6.884	77	289858	52.281	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	201955	52.336	ug/l	97
28) Bromochloromethane	7.244	49	120332	45.778	ug/l	91
29) Tetrahydrofuran	7.262	42	131836	217.681	ug/l	96
30) Chloroform	7.421	83	330395	50.965	ug/l	98
31) Cyclohexane	7.701	56	273074	48.062	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	303409	51.783	ug/l	98
36) 1,1-Dichloropropene	7.835	75	235713	53.794	ug/l	98
37) Ethyl Acetate	6.988	43	94960	45.920	ug/l	98
38) Carbon Tetrachloride	7.817	117	281437	56.078	ug/l	99
39) Methylcyclohexane	9.109	83	293104	55.995	ug/l	99
40) Benzene	8.079	78	703035	53.575	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021850.D
 Acq On : 11 Apr 2025 09:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025

Quant Time: Apr 12 02:44:50 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M

Quant Title : SW846 8260

QLast Update : Fri Mar 28 02:30:29 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	57678	52.519	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	187930	50.800	ug/l	99
43) Isopropyl Acetate	8.195	43	186649	47.628	ug/l	98
44) Trichloroethene	8.865	130	191624	57.313	ug/l	99
45) 1,2-Dichloropropane	9.140	63	165477	53.274	ug/l	99
46) Dibromomethane	9.231	93	91924	51.350	ug/l	97
47) Bromodichloromethane	9.426	83	244848	52.785	ug/l	99
48) Methyl methacrylate	9.219	41	90539	50.338	ug/l	98
49) 1,4-Dioxane	9.231	88	19781	1031.494	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	489078	239.815	ug/l	99
52) Toluene	10.170	92	451688	55.170	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	216647	52.583	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	259622	53.414	ug/l	95
55) 1,1,2-Trichloroethane	10.572	97	119942	52.065	ug/l	98
56) Ethyl methacrylate	10.438	69	161990	55.069	ug/l	96
57) 1,3-Dichloropropane	10.719	76	207535	52.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	385567	268.689	ug/l	98
59) 2-Hexanone	10.761	43	324670	239.043	ug/l	97
60) Dibromochloromethane	10.914	129	170283	54.139	ug/l	99
61) 1,2-Dibromoethane	11.017	107	115322	53.364	ug/l	100
64) Tetrachloroethene	10.646	164	220901	62.690	ug/l	98
65) Chlorobenzene	11.444	112	490509	55.307	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	174220	55.366	ug/l	98
67) Ethyl Benzene	11.517	91	875689	57.580	ug/l	100
68) m/p-Xylenes	11.627	106	668010	114.707	ug/l	99
69) o-Xylene	11.956	106	314535	58.511	ug/l	99
70) Styrene	11.969	104	521332	58.165	ug/l	99
71) Bromoform	12.133	173	98084	54.645	ug/l #	99
73) Isopropylbenzene	12.255	105	840346	57.648	ug/l	100
74) N-amyl acetate	12.072	43	170949	49.969	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	119836	45.724	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	97614m	50.175	ug/l	
77) Bromobenzene	12.529	156	195729	55.923	ug/l	95
78) n-propylbenzene	12.596	91	998462	56.973	ug/l	99
79) 2-Chlorotoluene	12.682	91	565586	55.564	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	682195	57.261	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	40635	48.127	ug/l	97
82) 4-Chlorotoluene	12.779	91	585547	55.178	ug/l	100
83) tert-Butylbenzene	12.999	119	613715	57.834	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	682635	57.973	ug/l	100
85) sec-Butylbenzene	13.176	105	901482	58.131	ug/l	99
86) p-Isopropyltoluene	13.291	119	763533	59.571	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	381636	55.345	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	371844	54.580	ug/l	98
89) n-Butylbenzene	13.615	91	695112	58.642	ug/l	99
90) Hexachloroethane	13.883	117	153528	54.661	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	333381	55.539	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	20255	49.864	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	205661	63.179	ug/l	100
94) Hexachlorobutadiene	15.023	225	130880	64.378	ug/l	98
95) Naphthalene	15.145	128	340784	63.159	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	173096	62.357	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021850.D
Acq On : 11 Apr 2025 09:18
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

Quant Time: Apr 12 02:44:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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

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

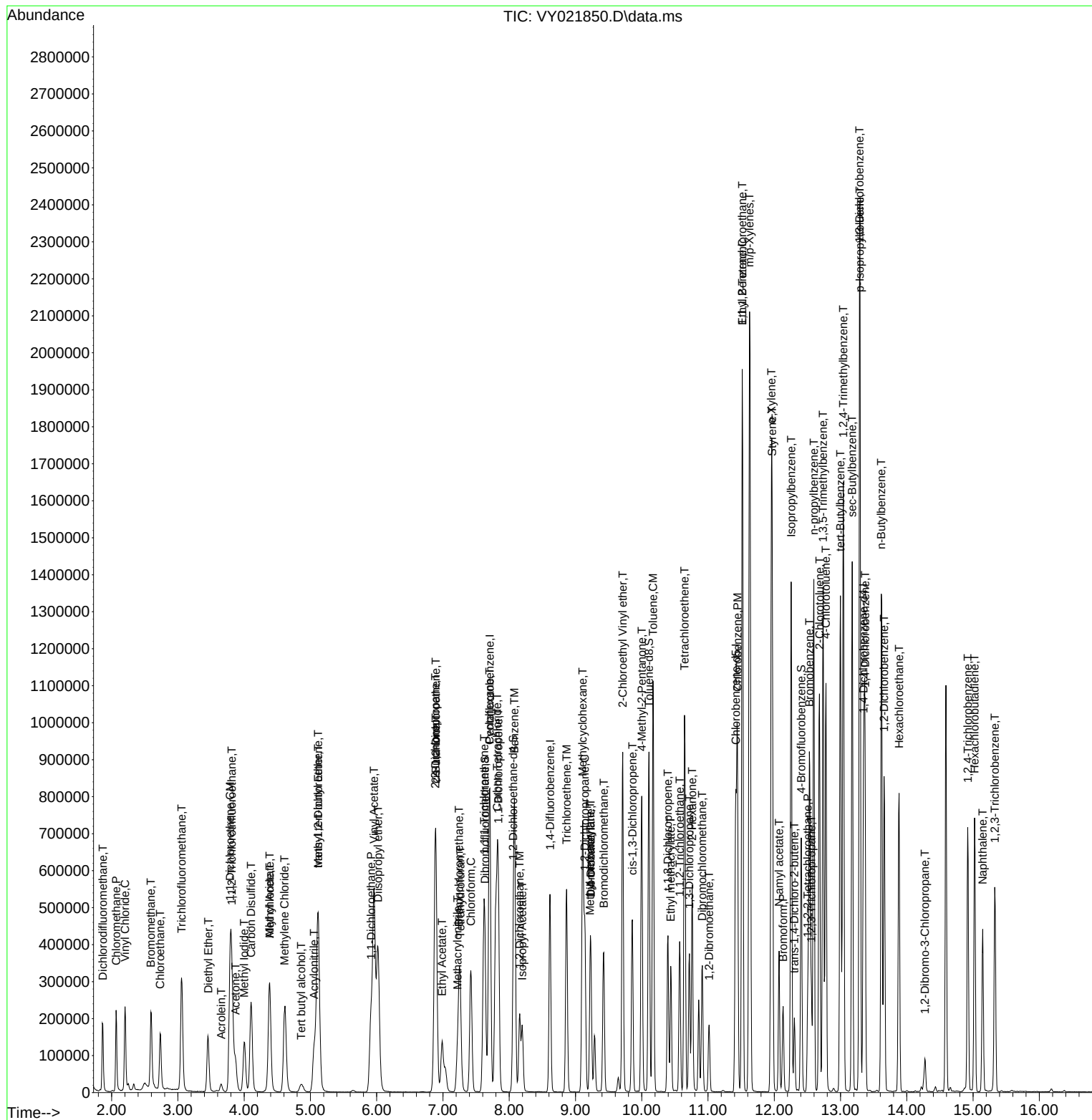
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Operator : SY/MD
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ALS Vial : 2 Sample Multiplier: 1

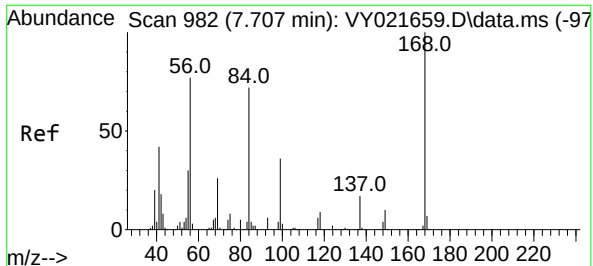
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MSVOA_Y
ClientSampleId :
VSTDCCC050

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QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

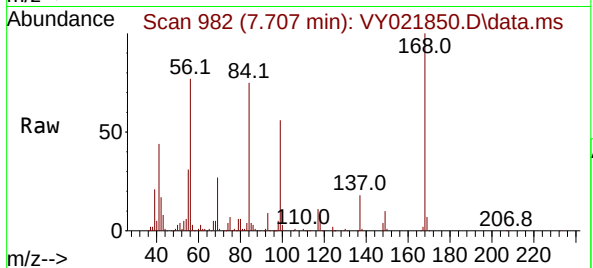
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

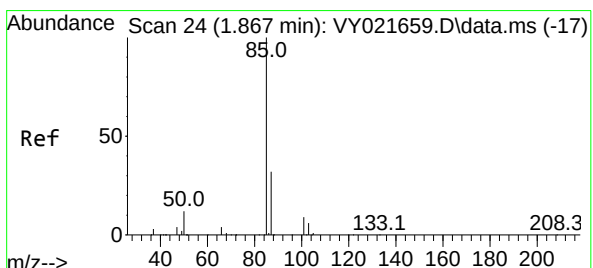
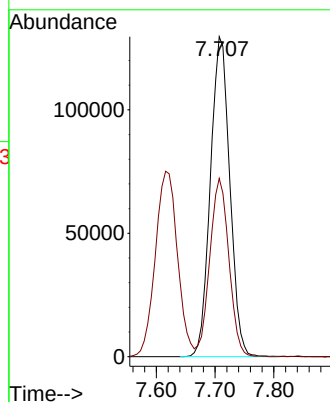
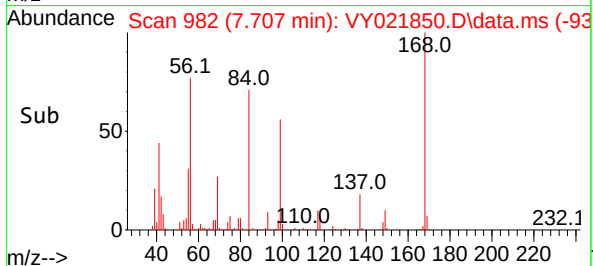
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 297119
Ion Ratio Lower Upper
168 100
99 55.6 46.7 70.1

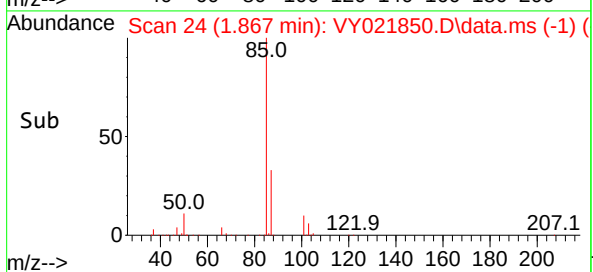
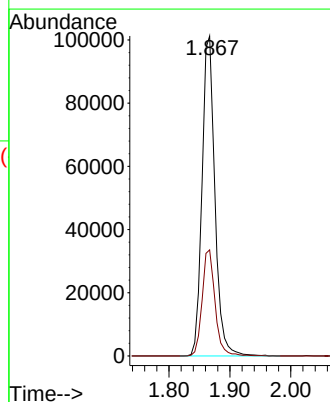
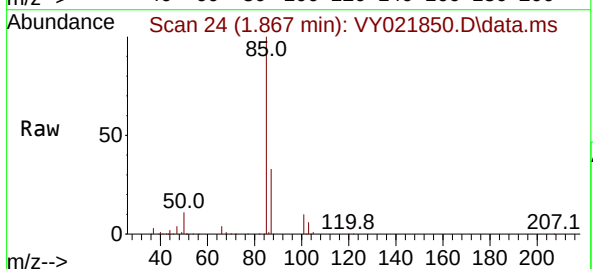
Manual Integrations
APPROVED

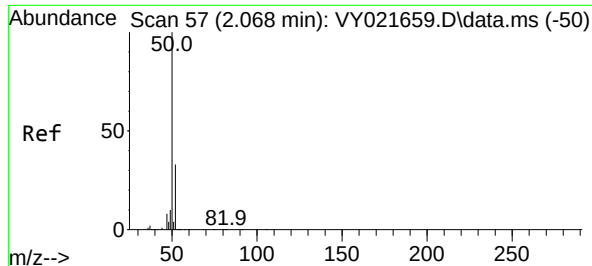
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#2
Dichlorodifluoromethane
Concen: 48.224 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 85 Resp: 148510
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6





#3

Chloromethane

Concen: 40.571 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 17568

Ion Ratio Lower Upper

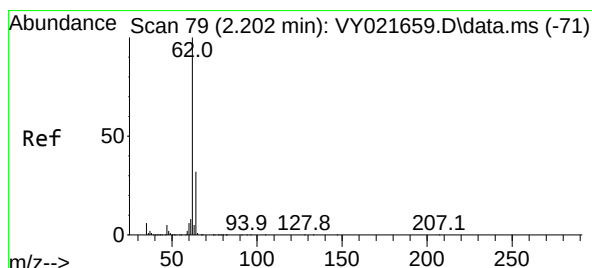
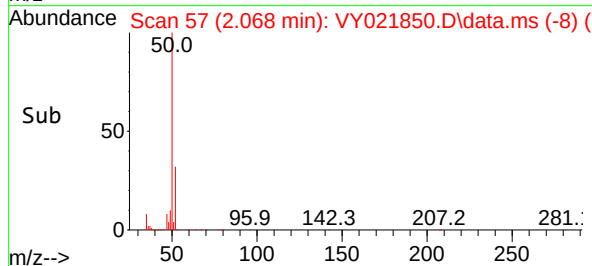
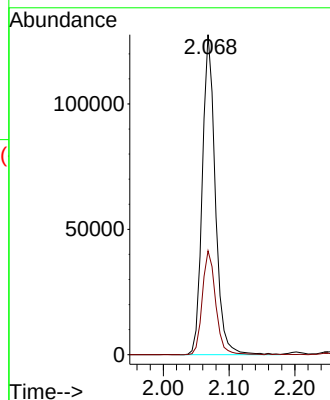
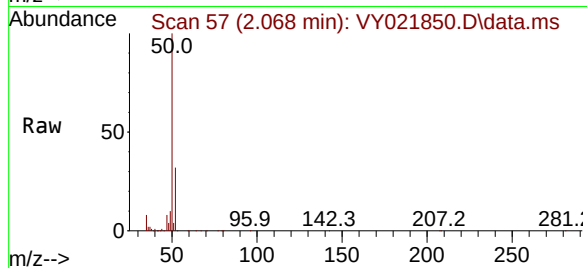
50 100

52 32.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#4

Vinyl Chloride

Concen: 43.949 ug/l

RT: 2.202 min Scan# 79

Delta R.T. 0.000 min

Lab File: VY021850.D

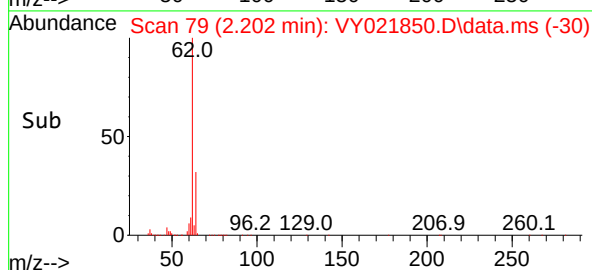
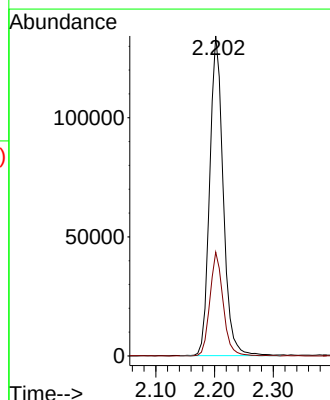
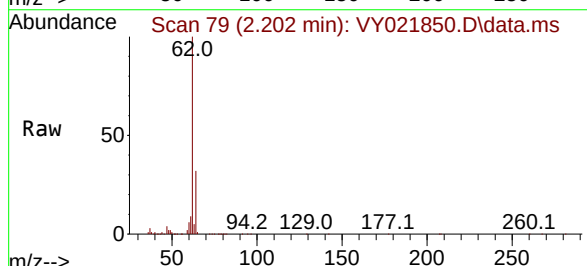
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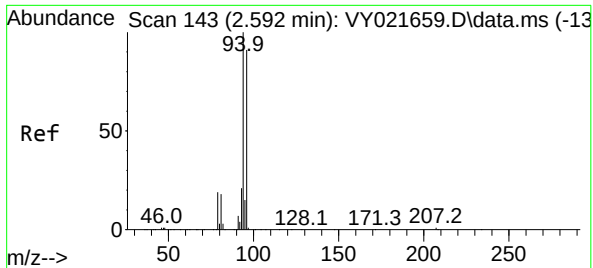
Tgt Ion: 62 Resp: 215226

Ion Ratio Lower Upper

62 100

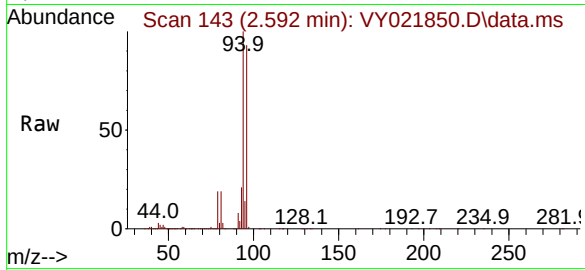
64 32.5 25.5 38.3





#5
Bromomethane
Concen: 41.209 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

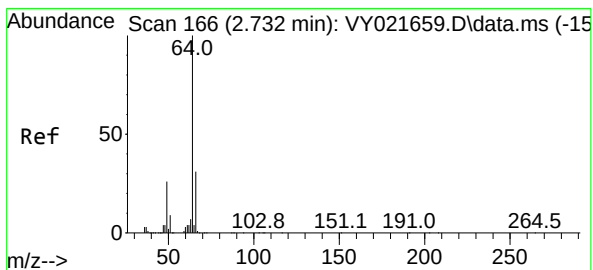
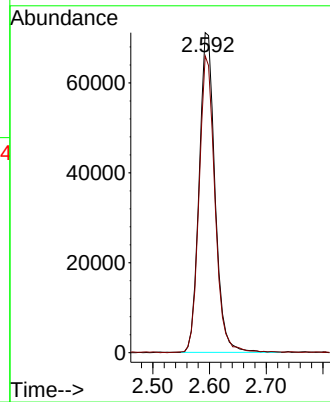
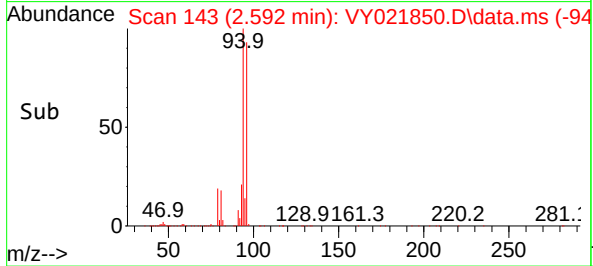
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



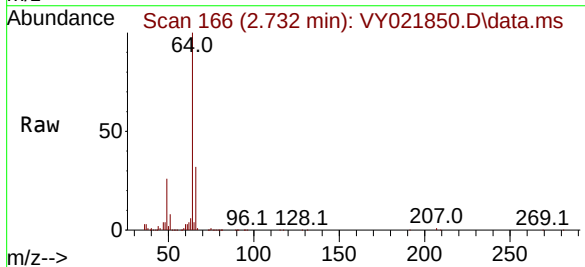
Tgt Ion: 94 Resp: 13764
Ion Ratio Lower Upper
94 100
96 92.6 72.8 109.2

Manual Integrations
APPROVED

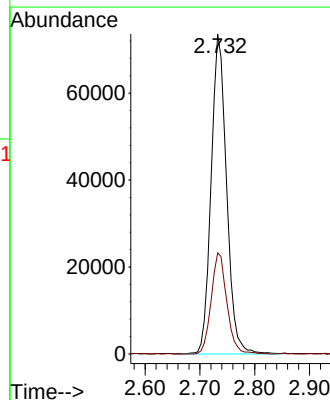
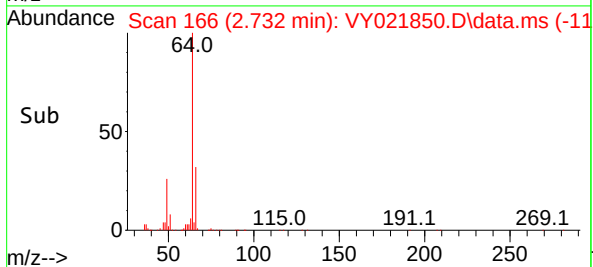
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

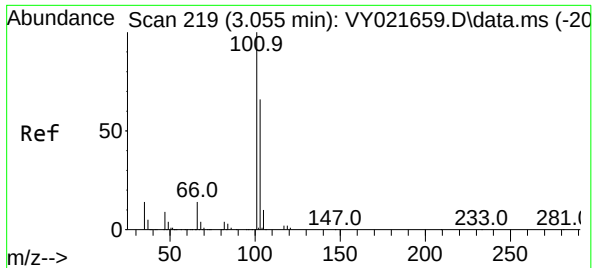


#6
Chloroethane
Concen: 44.767 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18



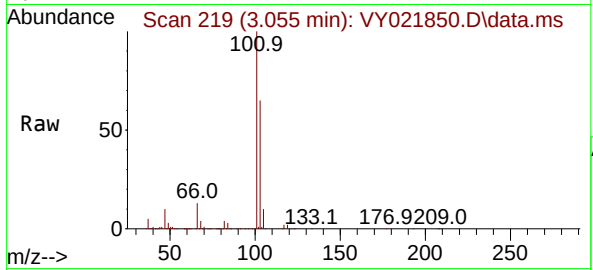
Tgt Ion: 64 Resp: 143455
Ion Ratio Lower Upper
64 100
66 31.6 24.9 37.3





#7
Trichlorofluoromethane
Concen: 49.760 ug/l
RT: 3.055 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

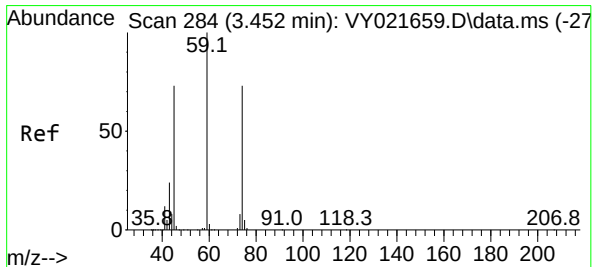
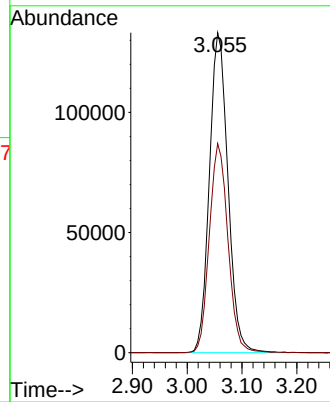
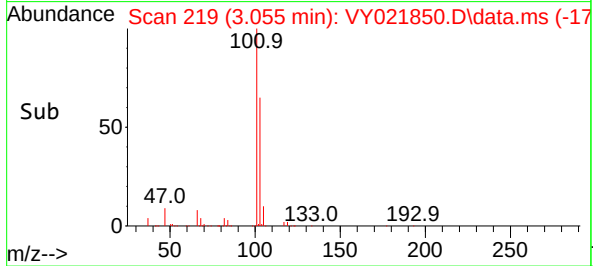
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 101 Resp: 31216
Ion Ratio Lower Upper
101 100
103 65.3 53.1 79.7

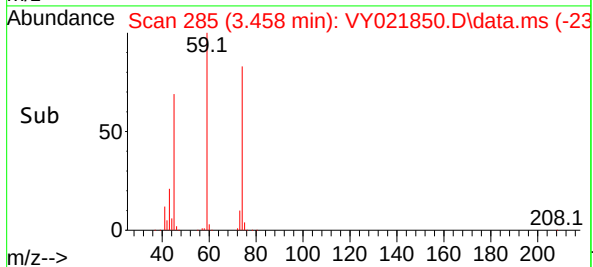
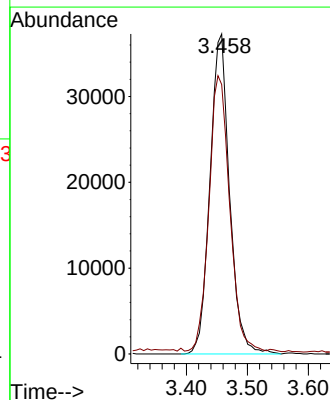
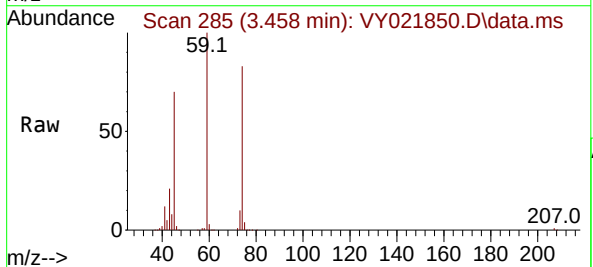
Manual Integrations
APPROVED

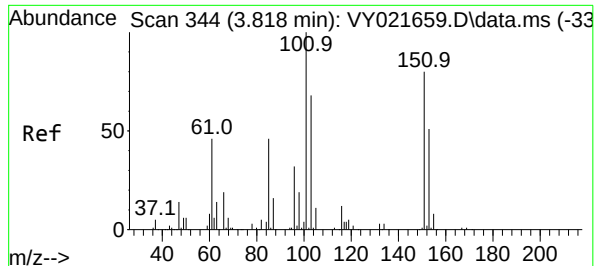
Reviewed By : Mahesh Dadoda 04/14/2025
Supervised By : Semsettin Yesilyurt 04/14/2025



#8
Diethyl Ether
Concen: 48.903 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 74 Resp: 83429
Ion Ratio Lower Upper
74 100
45 90.4 48.6 145.8





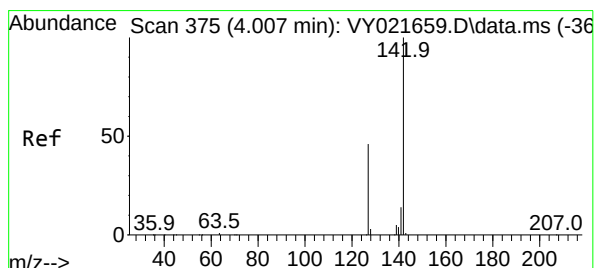
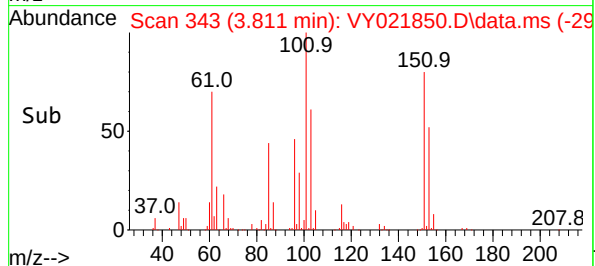
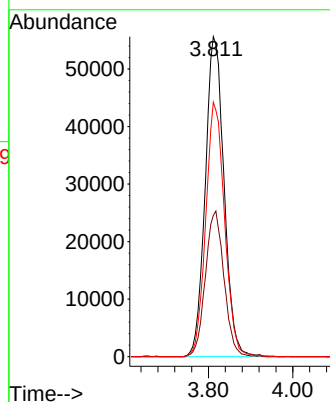
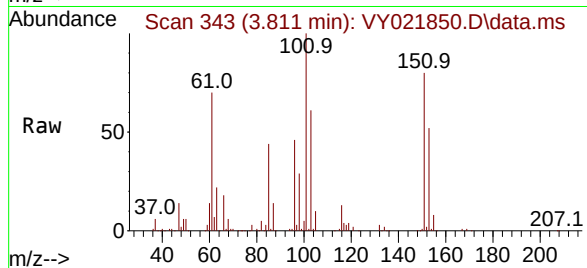
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.178 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 17264
Ion Ratio Lower Upper
101 100
85 45.1 36.3 54.5
151 79.5 61.3 91.9

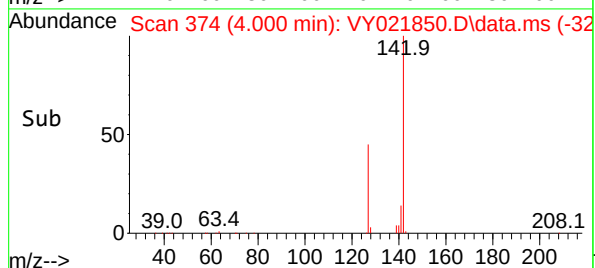
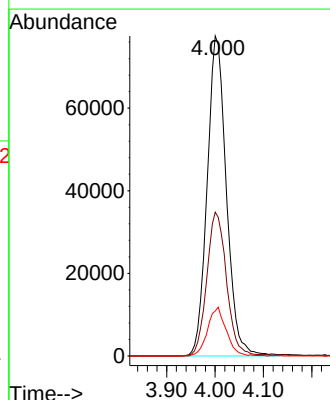
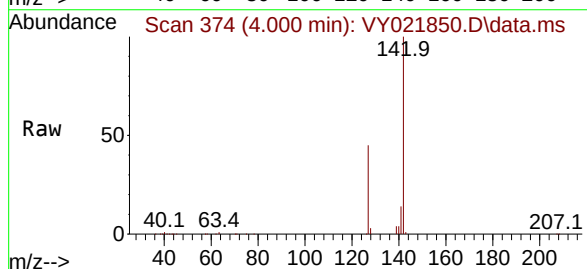
Manual Integrations
APPROVED

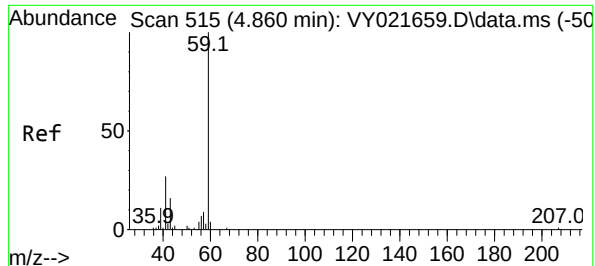
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#10
Methyl Iodide
Concen: 58.901 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion:142 Resp: 213799
Ion Ratio Lower Upper
142 100
127 46.3 38.7 58.1
141 14.8 11.5 17.3





#11

Tert butyl alcohol

Concen: 206.054 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 43085

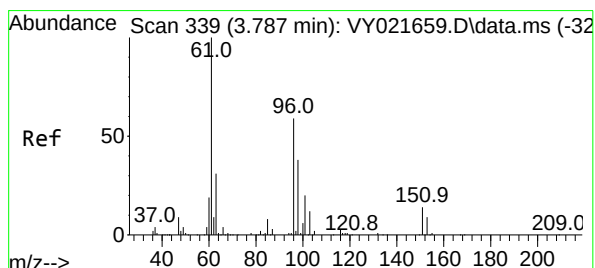
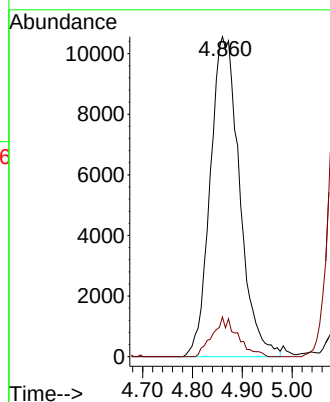
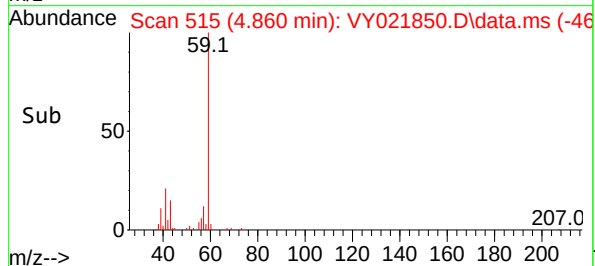
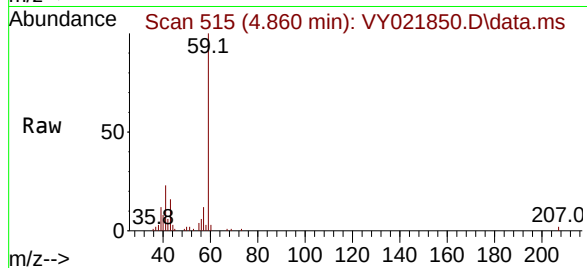
Ion Ratio Lower Upper

59 100

57 10.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#12

1,1-Dichloroethene

Concen: 51.574 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

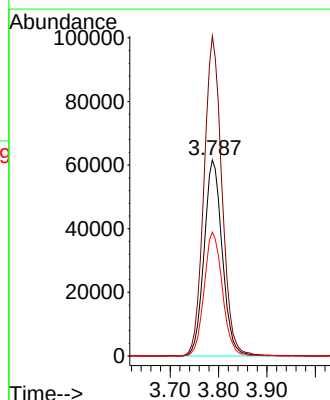
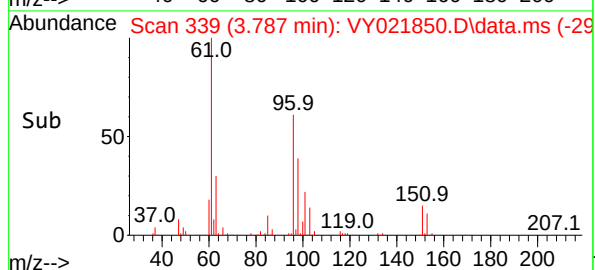
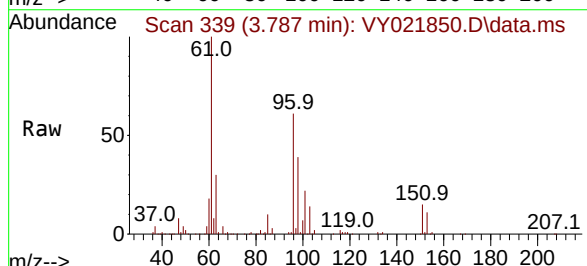
Tgt Ion: 96 Resp: 160729

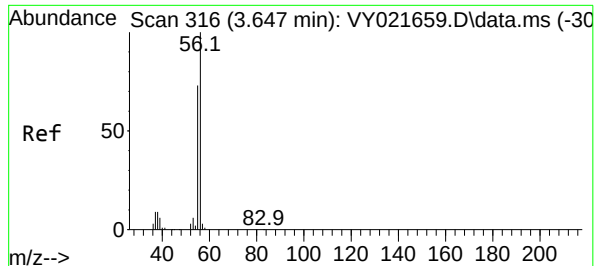
Ion Ratio Lower Upper

96 100

61 163.2 136.6 204.8

98 63.2 52.3 78.5





#13

Acrolein

Concen: 62.939 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 24030

Ion Ratio Lower Upper

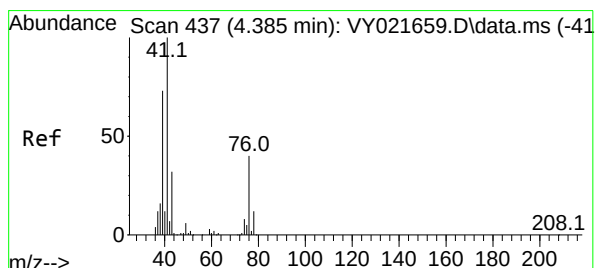
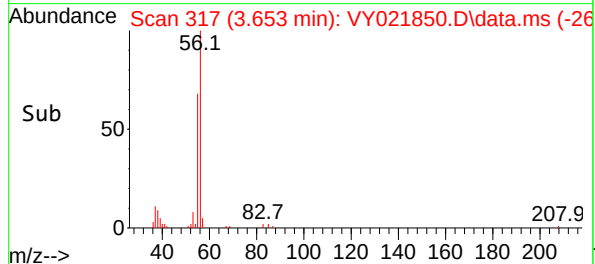
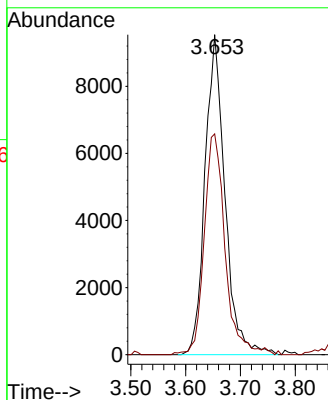
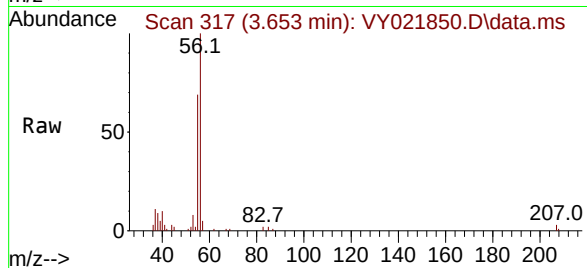
56 100

55 72.2 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#14

Allyl chloride

Concen: 49.357 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

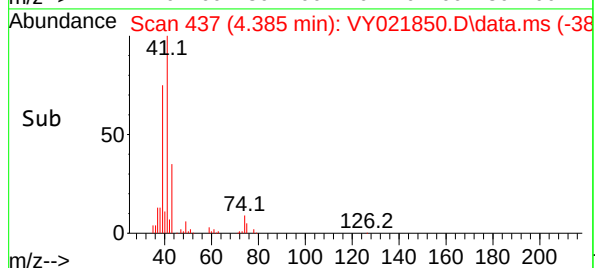
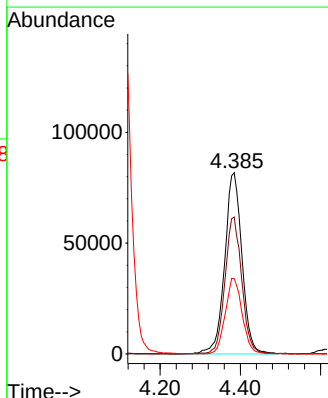
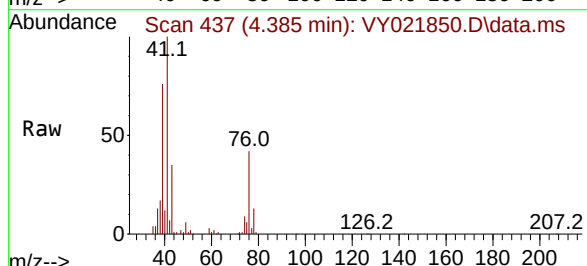
Tgt Ion: 41 Resp: 245253

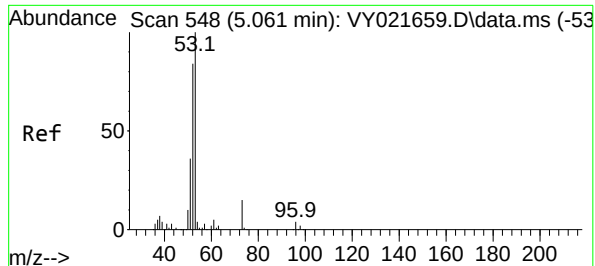
Ion Ratio Lower Upper

41 100

39 73.1 58.6 88.0

76 40.5 30.3 45.5





#15

Acrylonitrile

Concen: 225.299 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 16048

Ion Ratio Lower Upper

53 100

52 83.0 64.9 97.3

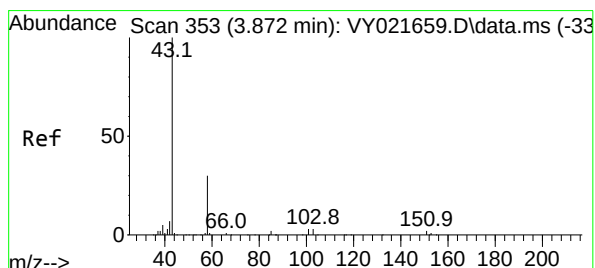
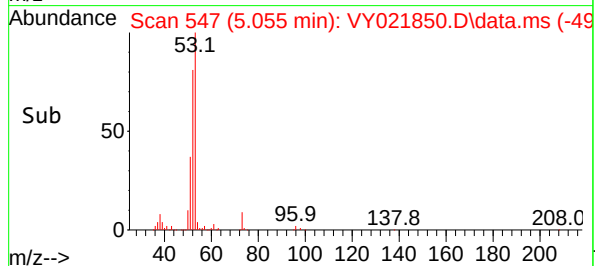
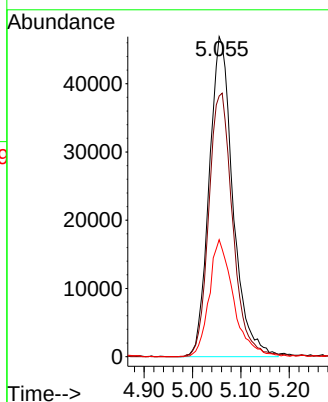
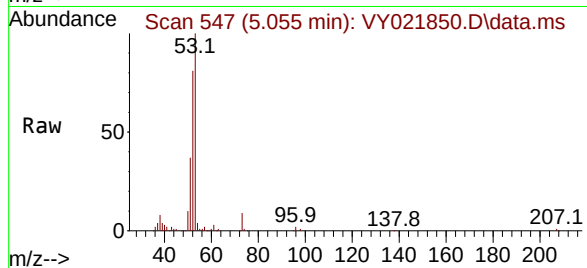
51 37.4 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#16

Acetone

Concen: 212.668 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY021850.D

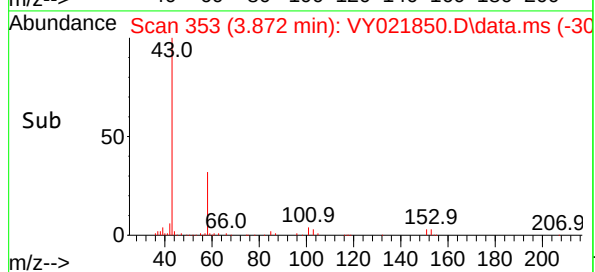
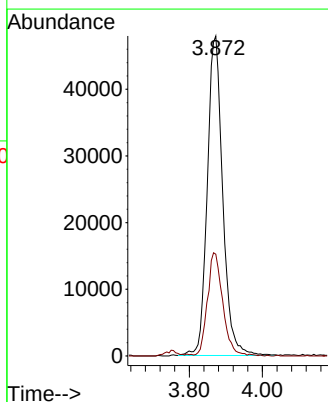
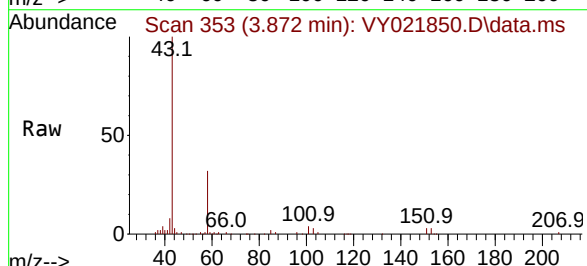
Acq: 11 Apr 2025 09:18

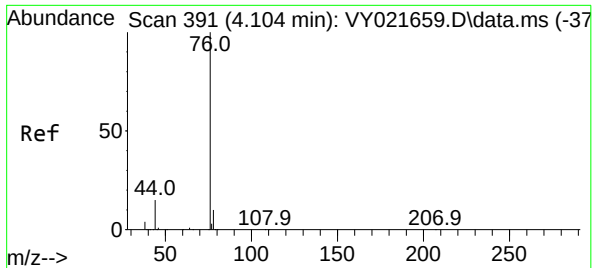
Tgt Ion: 43 Resp: 140115

Ion Ratio Lower Upper

43 100

58 31.7 24.2 36.4





#17

Carbon Disulfide

Concen: 47.315 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY021850.D

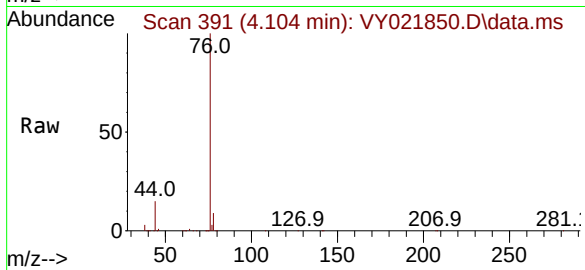
Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 48568

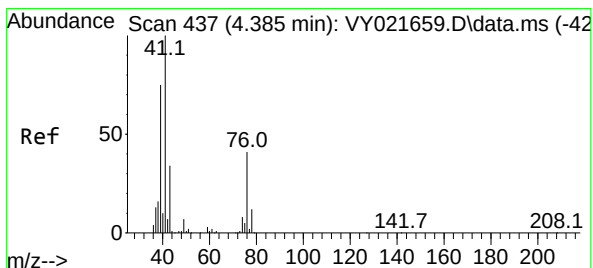
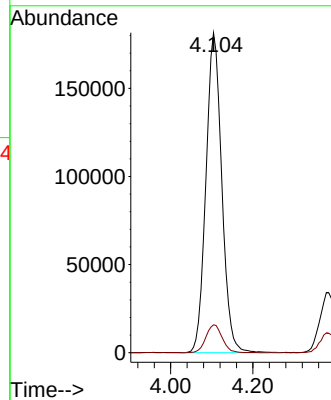
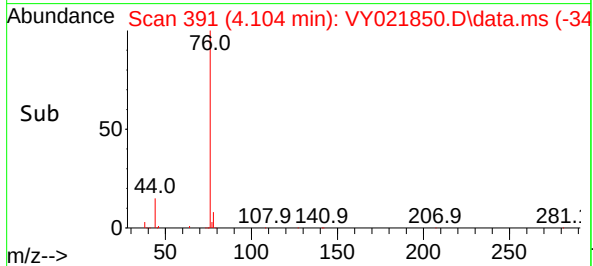
Ion Ratio Lower Upper

76 100

78 8.7 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#18

Methyl Acetate

Concen: 52.695 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021850.D

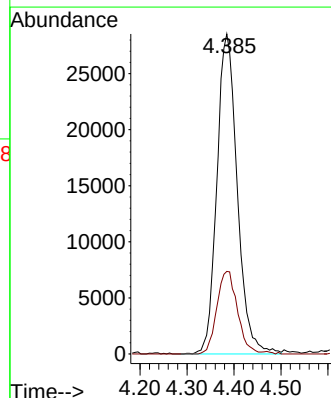
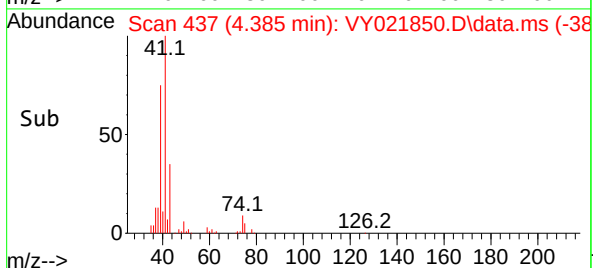
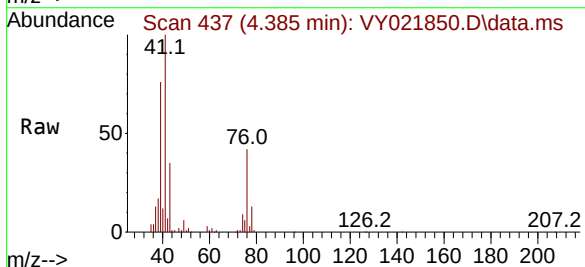
Acq: 11 Apr 2025 09:18

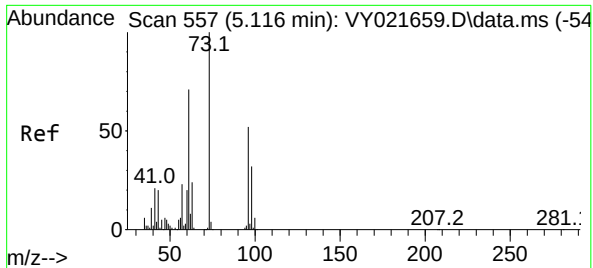
Tgt Ion: 43 Resp: 86045

Ion Ratio Lower Upper

43 100

74 26.0 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 50.564 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 392324

Ion Ratio Lower Upper

73 100

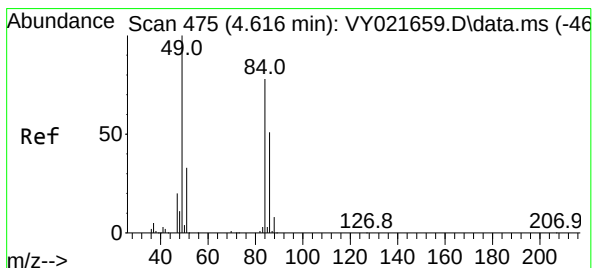
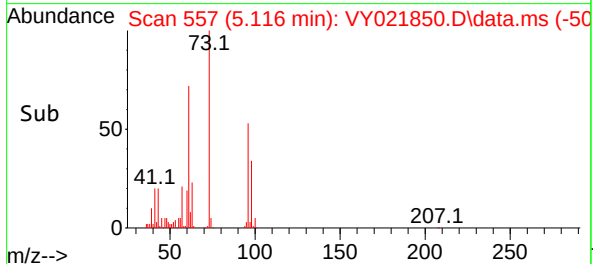
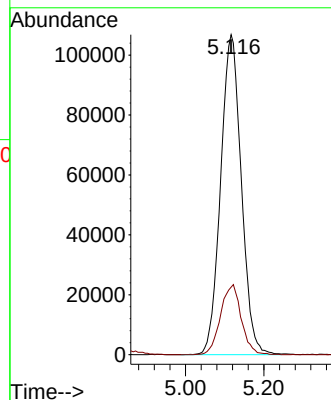
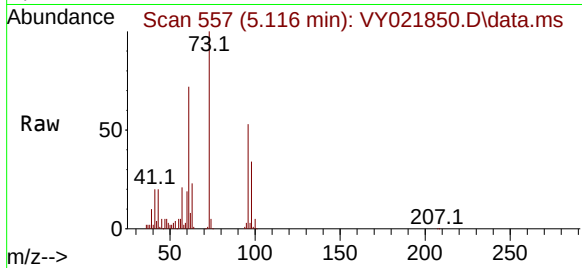
57 21.1 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#20

Methylene Chloride

Concen: 53.807 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Tgt Ion: 84 Resp: 172521

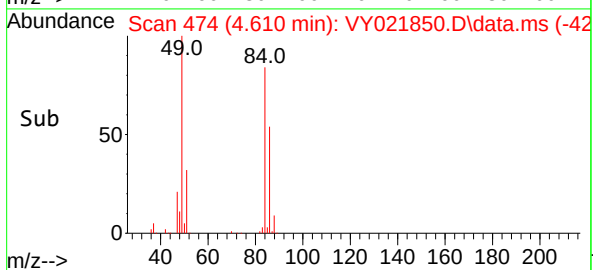
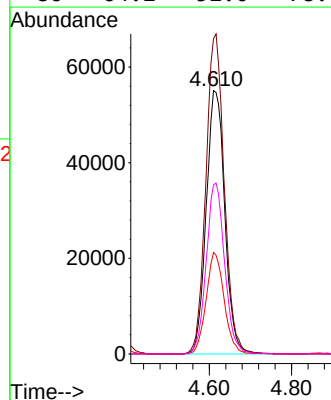
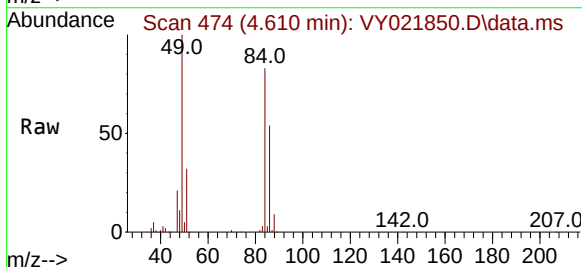
Ion Ratio Lower Upper

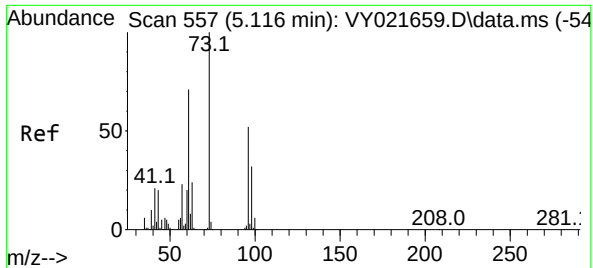
84 100

49 119.8 102.8 154.2

51 38.6 33.5 50.3

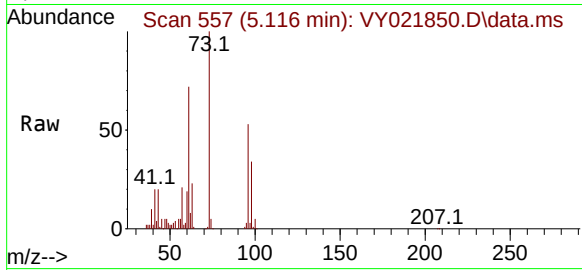
86 64.2 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 51.439 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

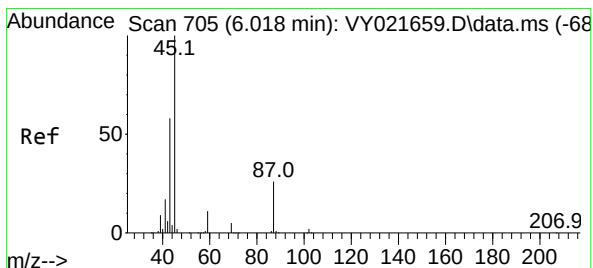
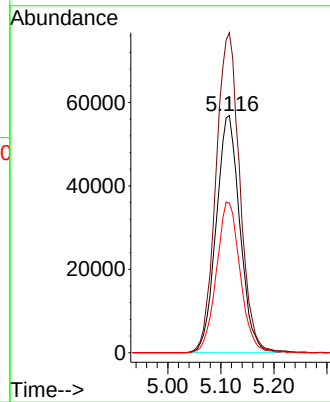
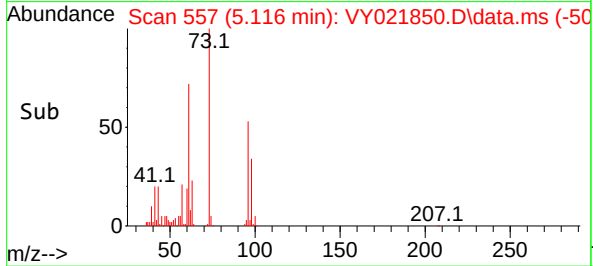
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 176509
Ion Ratio Lower Upper
96 100
61 135.0 109.4 164.0
98 63.1 50.2 75.2

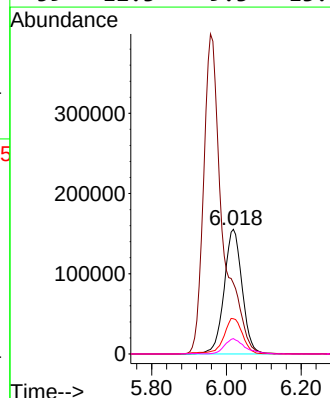
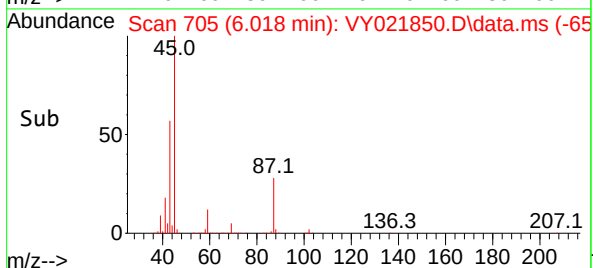
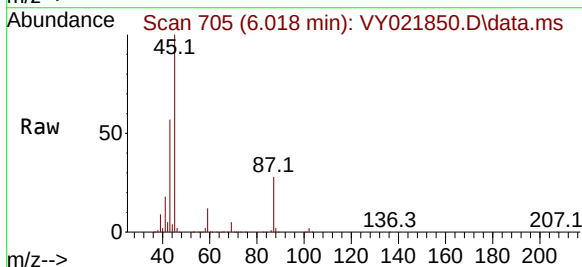
Manual Integrations
APPROVED

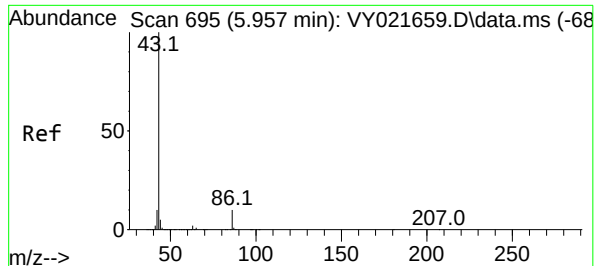
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#22
Diisopropyl ether
Concen: 49.943 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 45 Resp: 520584
Ion Ratio Lower Upper
45 100
43 56.7 46.6 69.8
87 28.2 20.7 31.1
59 12.3 9.3 13.9





#23

Vinyl Acetate

Concen: 228.914 ug/l

RT: 5.957 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 139588

Ion Ratio Lower Upper

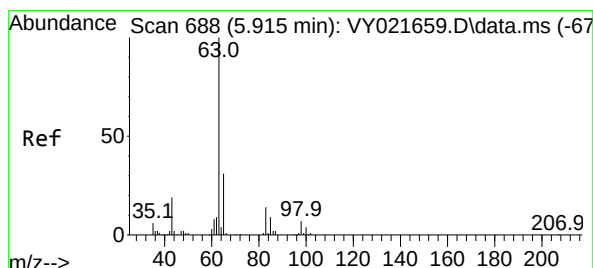
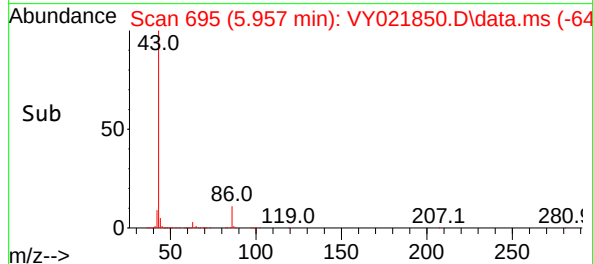
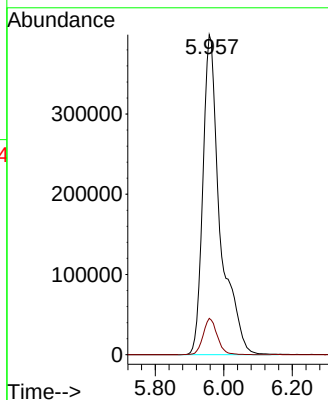
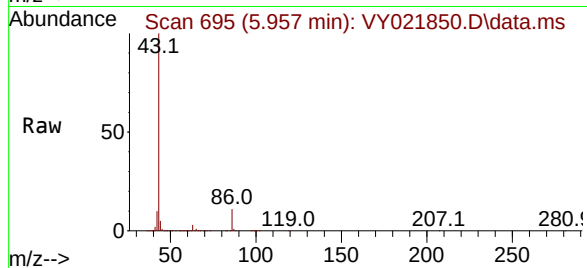
43 100

86 11.4 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#24

1,1-Dichloroethane

Concen: 50.780 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

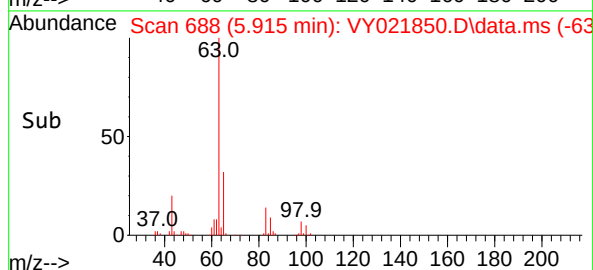
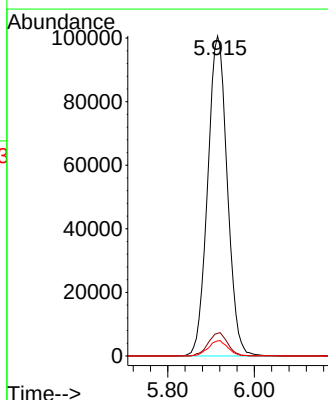
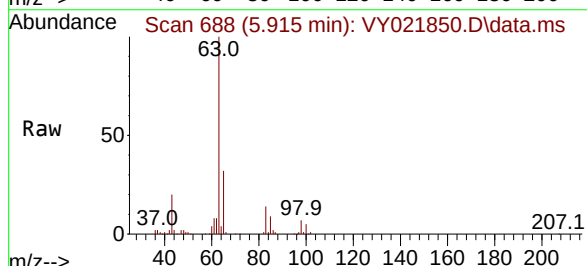
Tgt Ion: 63 Resp: 316500

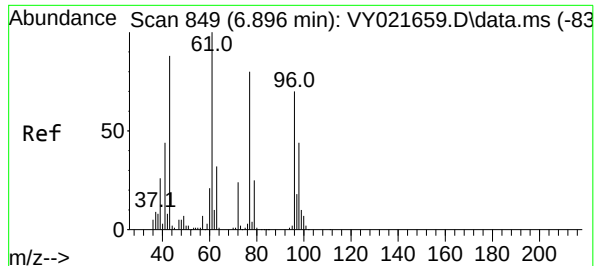
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 219.344 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 206410

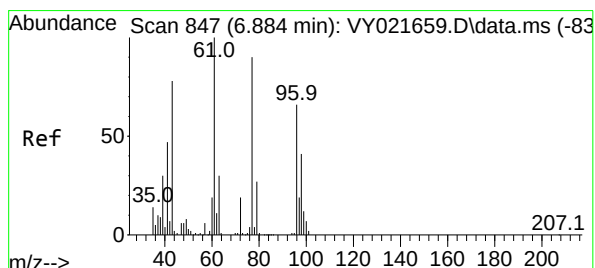
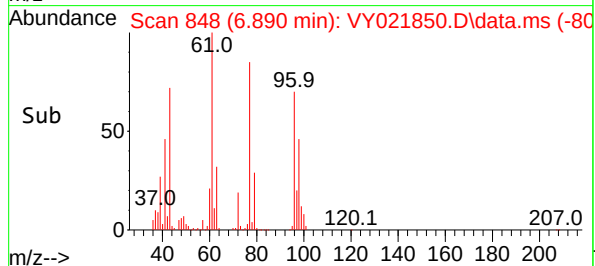
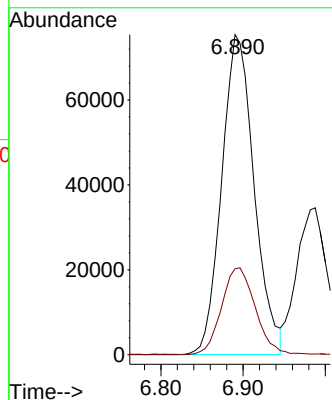
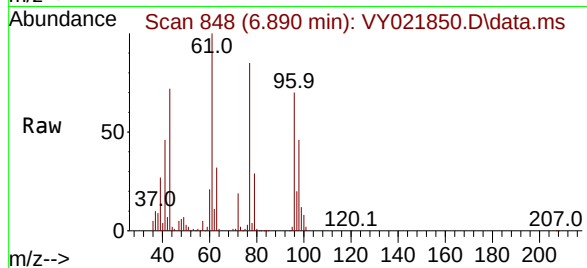
Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#26

2,2-Dichloropropane

Concen: 52.281 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021850.D

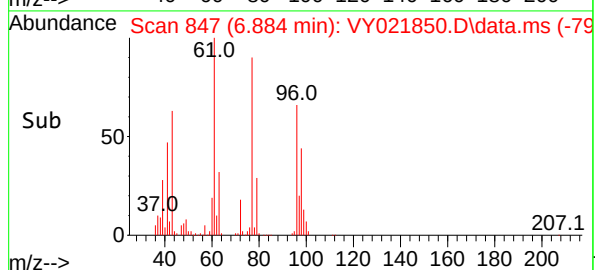
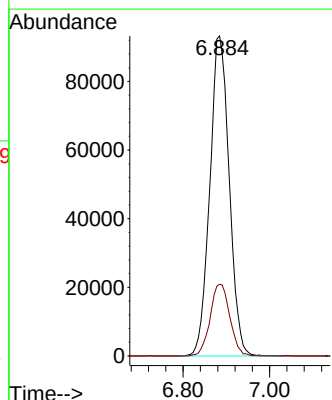
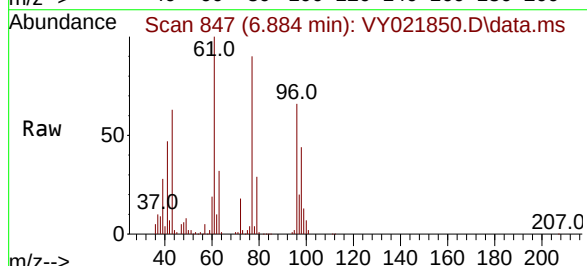
Acq: 11 Apr 2025 09:18

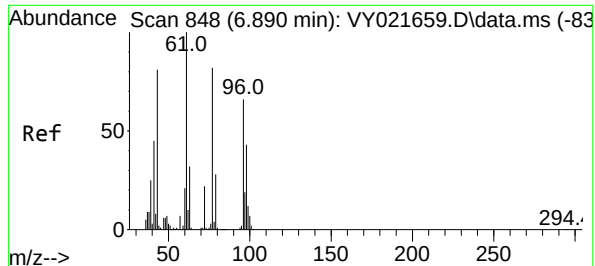
Tgt Ion: 77 Resp: 289858

Ion Ratio Lower Upper

77 100

97 22.7 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 52.336 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 20195

Ion Ratio Lower Upper

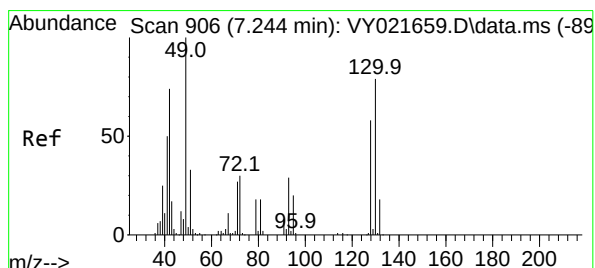
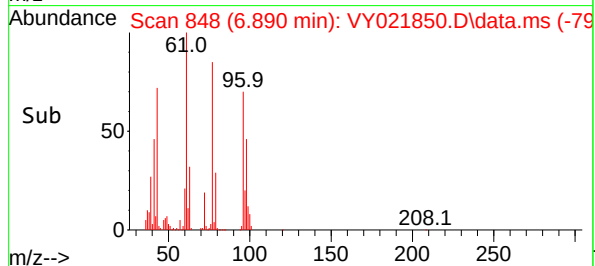
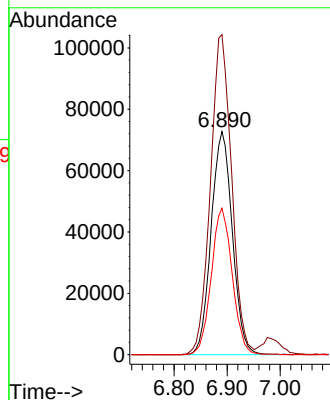
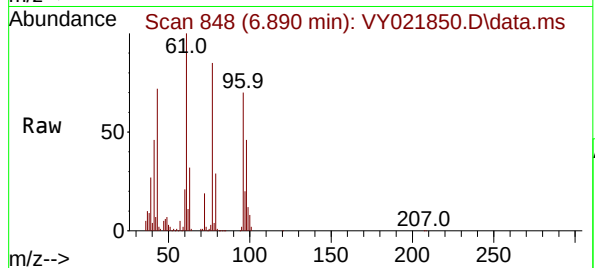
96 100

61 143.4 0.0 296.4

98 64.9 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#28

Bromochloromethane

Concen: 45.778 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

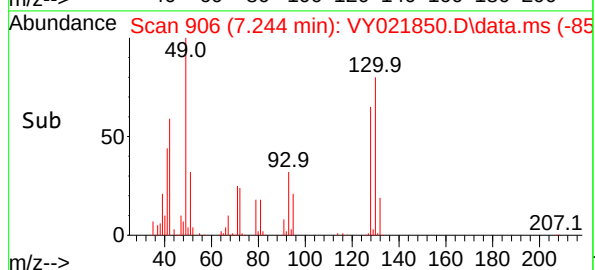
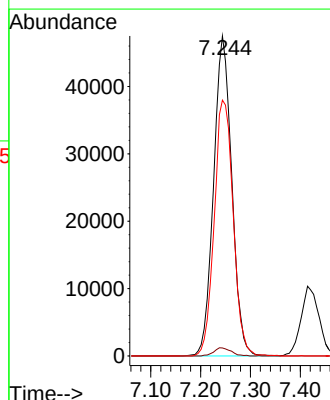
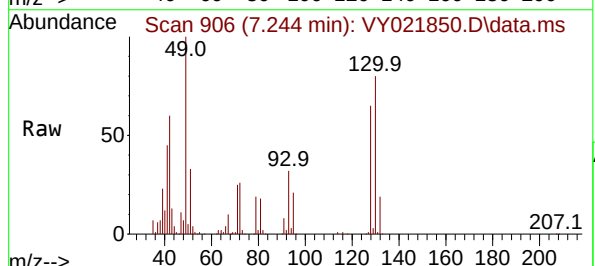
Tgt Ion: 49 Resp: 120332

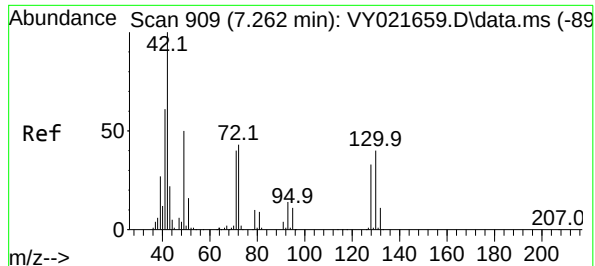
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 83.1 60.1 90.1





#29

Tetrahydrofuran

Concen: 217.681 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 131830

Ion Ratio Lower Upper

42 100

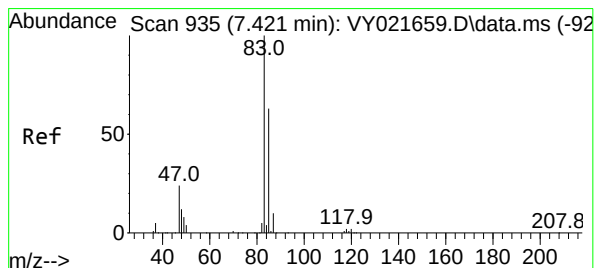
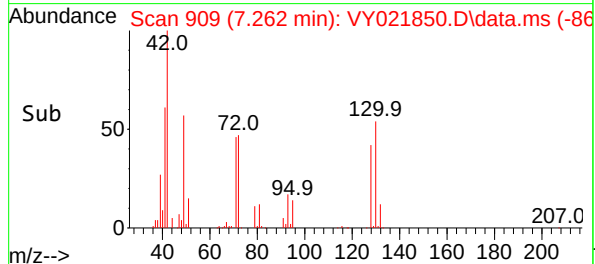
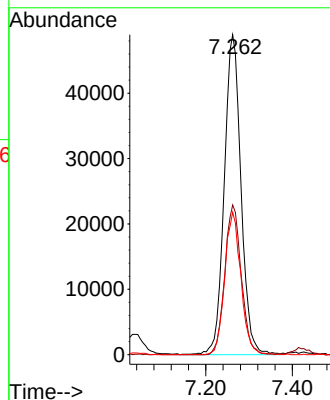
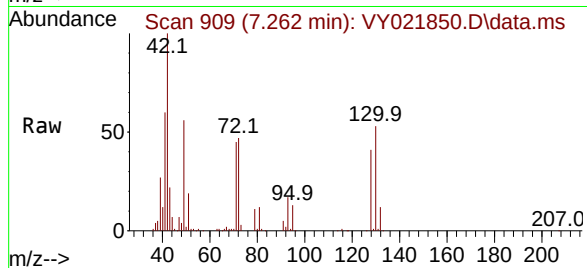
72 46.1 34.6 52.0

71 43.0 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#30

Chloroform

Concen: 50.965 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021850.D

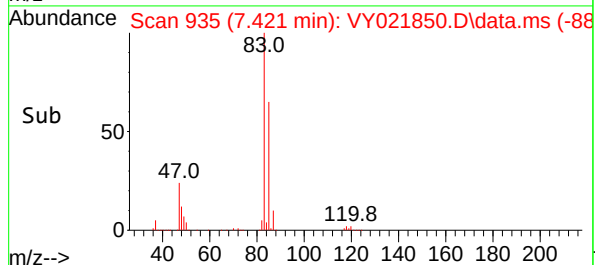
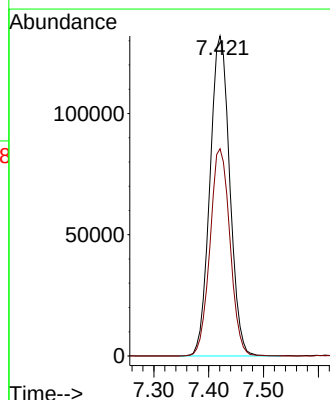
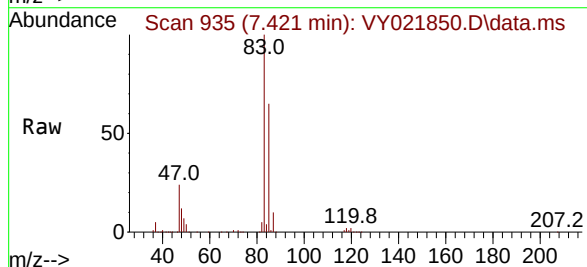
Acq: 11 Apr 2025 09:18

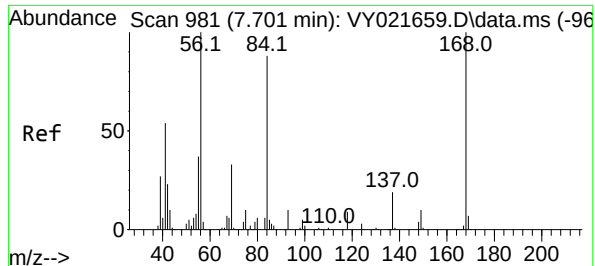
Tgt Ion: 83 Resp: 330395

Ion Ratio Lower Upper

83 100

85 64.7 50.6 75.8





#31

Cyclohexane

Concen: 48.062 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 273074

Ion Ratio Lower Upper

56 100

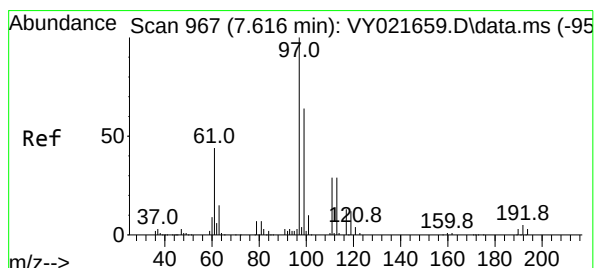
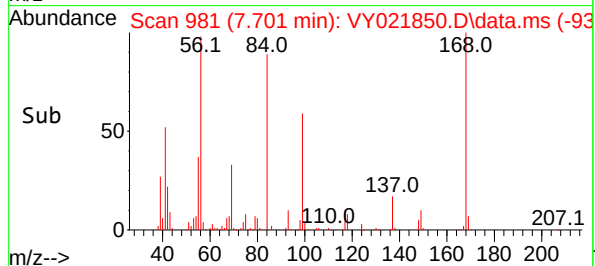
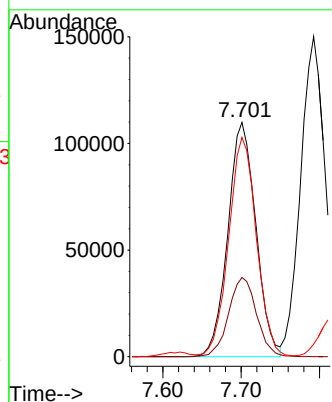
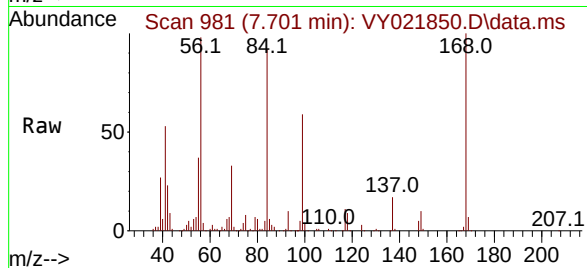
69 33.8 26.6 40.0

84 91.6 69.0 103.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#32

1,1,1-Trichloroethane

Concen: 51.783 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

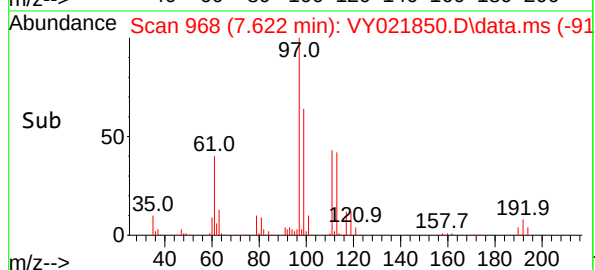
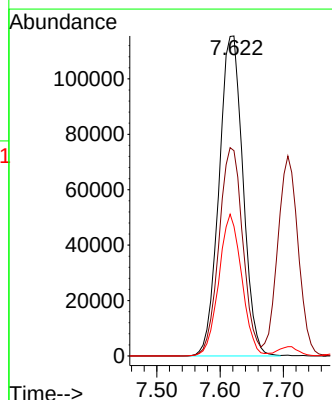
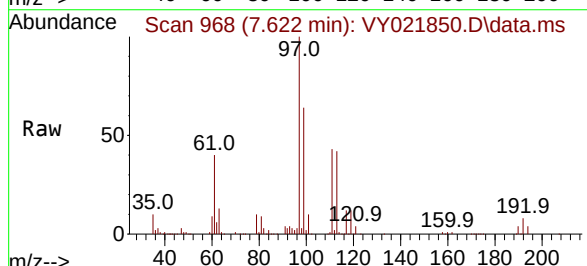
Tgt Ion: 97 Resp: 303409

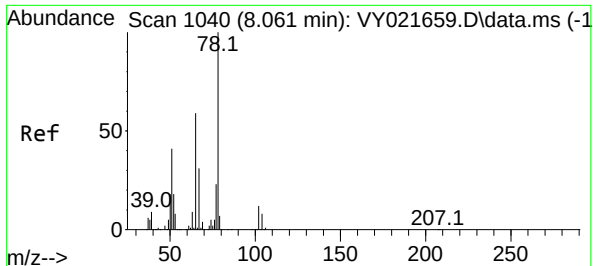
Ion Ratio Lower Upper

97 100

99 65.0 50.7 76.1

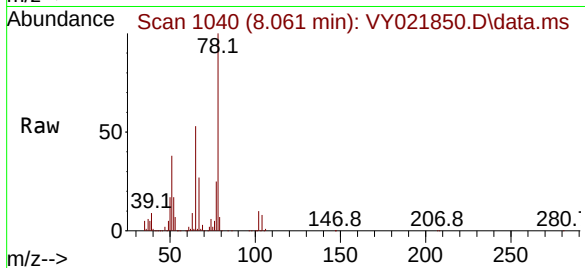
61 42.4 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 47.156 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

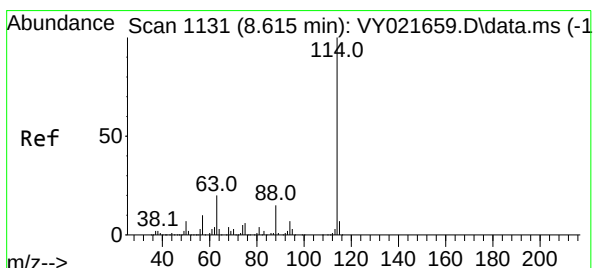
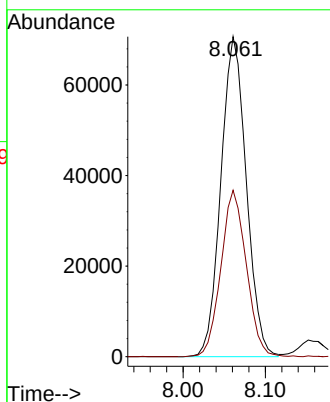
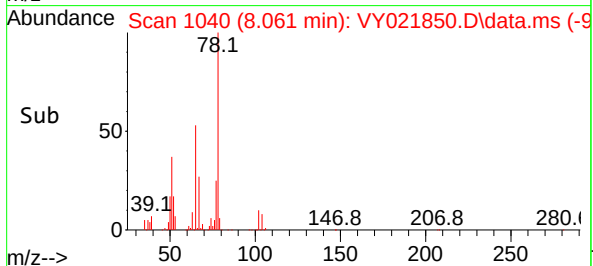
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 151800
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6

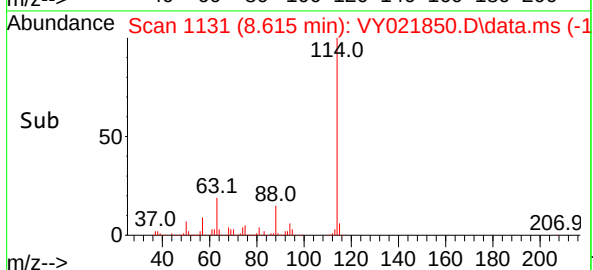
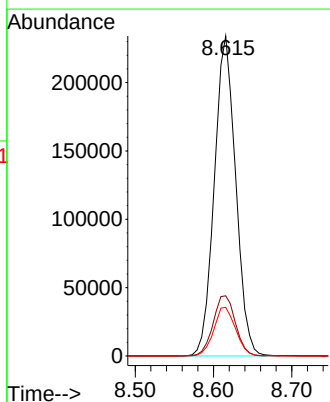
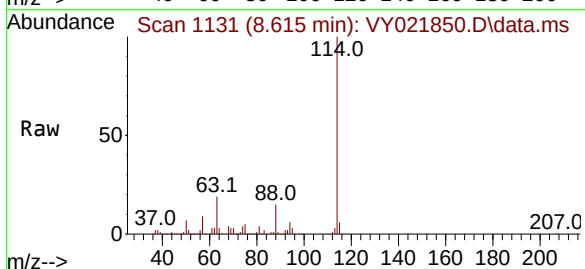
Manual Integrations
APPROVED

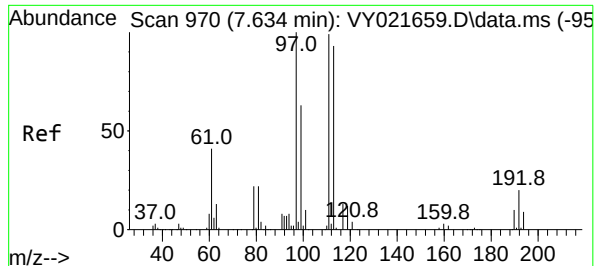
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion:114 Resp: 443480
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.2
88 15.2 0.0 29.8





#35

Dibromofluoromethane

Concen: 53.781 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 154710

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

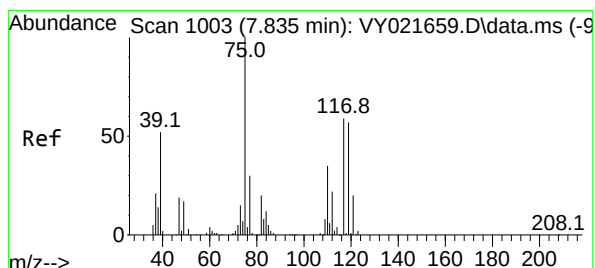
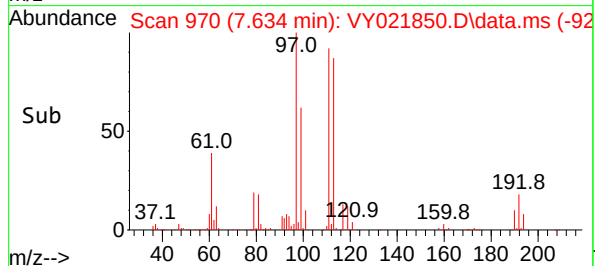
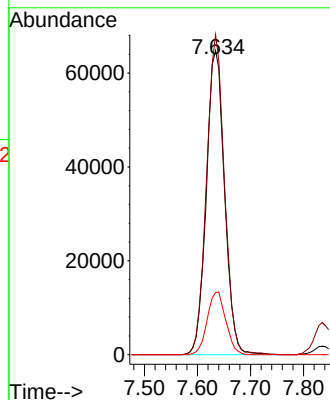
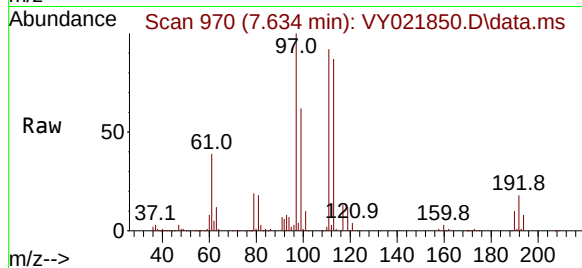
192 21.0 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#36

1,1-Dichloropropene

Concen: 53.794 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

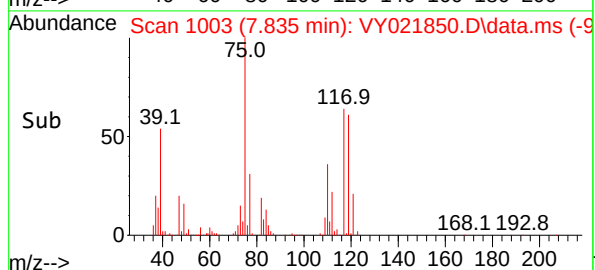
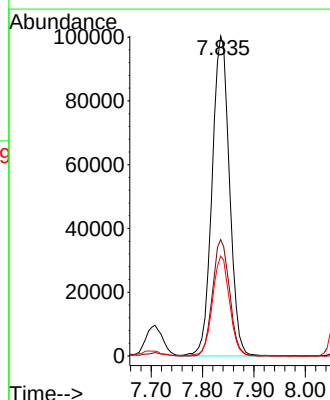
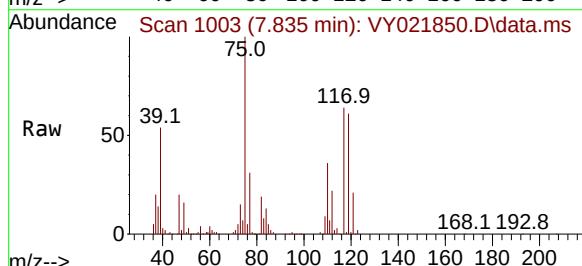
Tgt Ion: 75 Resp: 235713

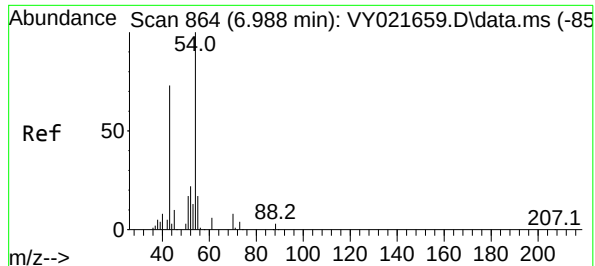
Ion Ratio Lower Upper

75 100

110 35.5 17.0 50.9

77 30.5 24.8 37.2





#37

Ethyl Acetate

Concen: 45.920 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 94960

Ion Ratio Lower Upper

43 100

61 14.3 11.0 16.6

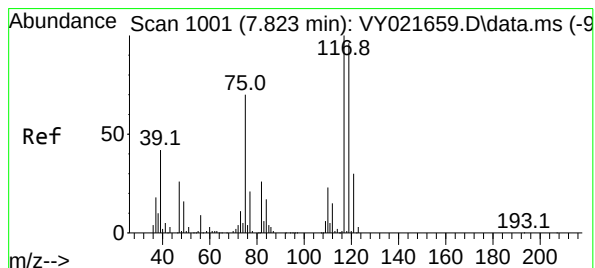
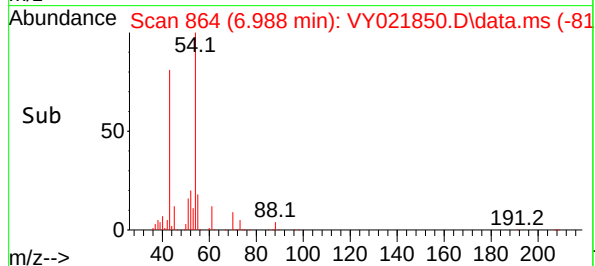
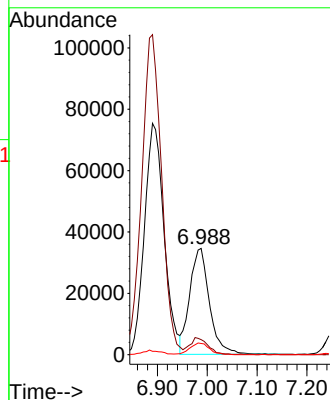
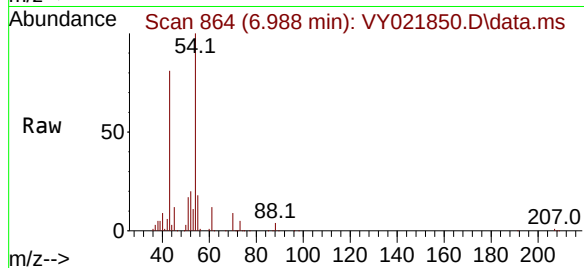
70 10.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#38

Carbon Tetrachloride

Concen: 56.078 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

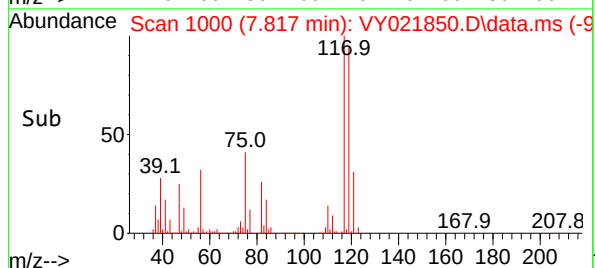
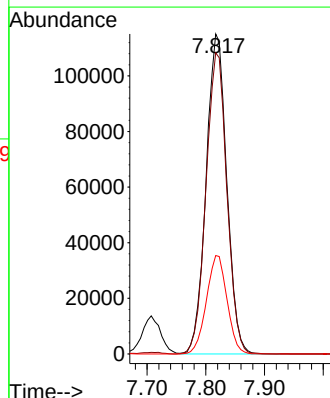
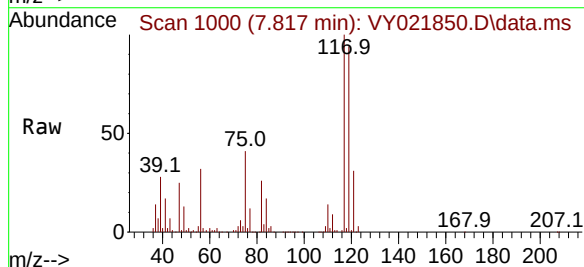
Tgt Ion:117 Resp: 281437

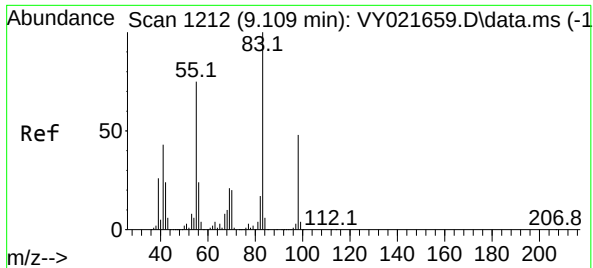
Ion Ratio Lower Upper

117 100

119 94.0 76.2 114.4

121 30.8 24.2 36.4





#39

Methylcyclohexane

Concen: 55.995 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 293104

Ion Ratio Lower Upper

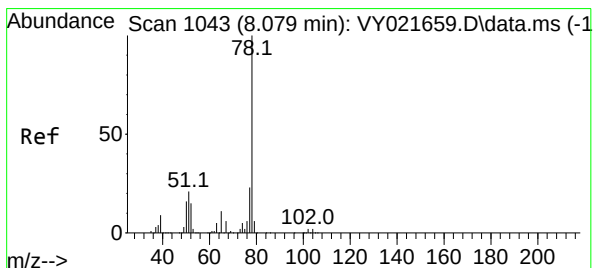
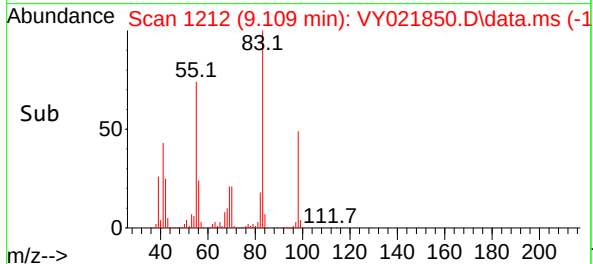
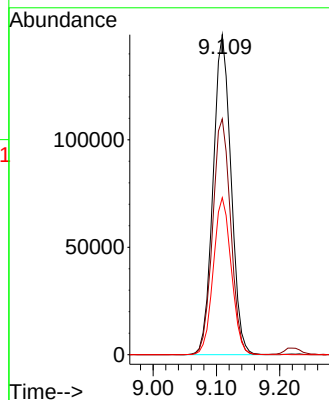
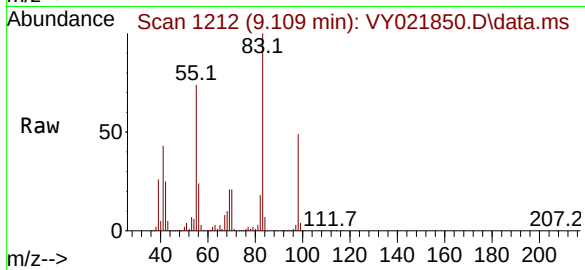
83 100

55 73.7 59.7 89.5

98 49.0 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#40

Benzene

Concen: 53.575 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021850.D

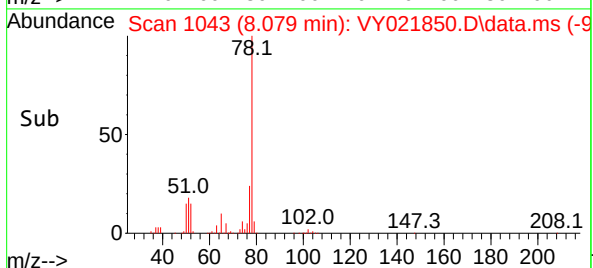
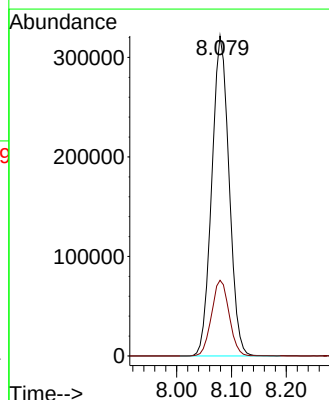
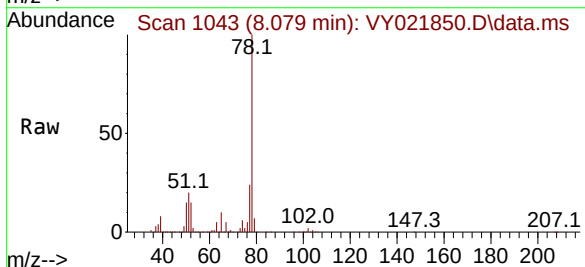
Acq: 11 Apr 2025 09:18

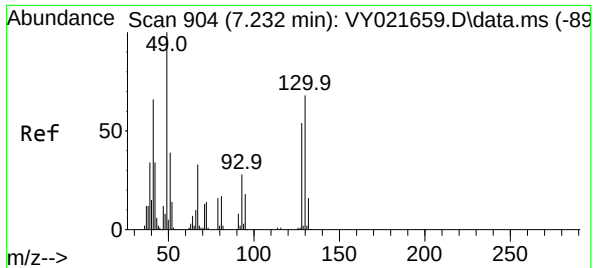
Tgt Ion: 78 Resp: 703035

Ion Ratio Lower Upper

78 100

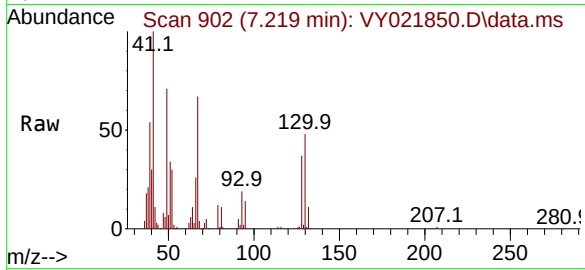
77 23.7 18.8 28.2





#41
Methacrylonitrile
Concen: 52.519 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

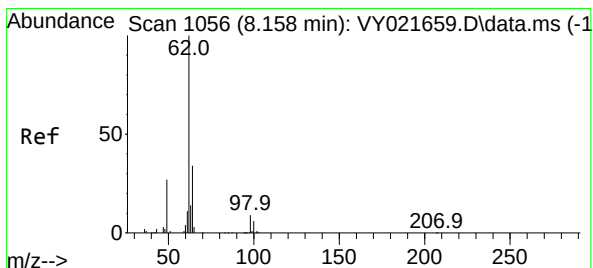
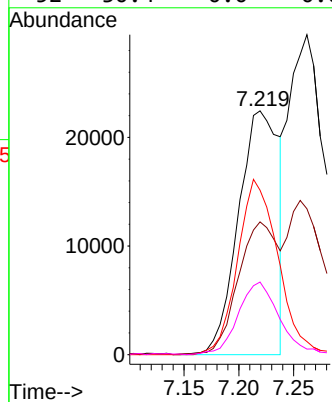
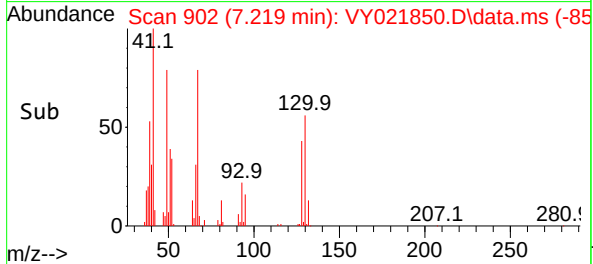
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 57678
Ion Ratio Lower Upper
41 100
39 53.5 0.0 0.0
67 72.1 0.0 0.0
52 30.4 0.0 0.0

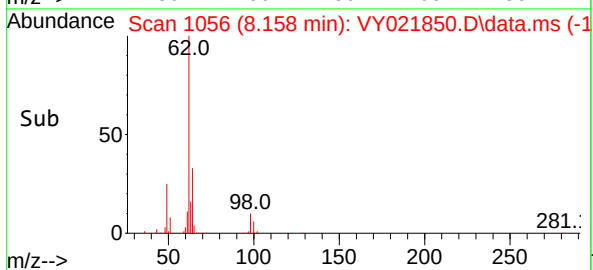
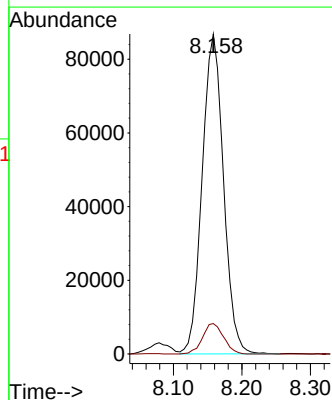
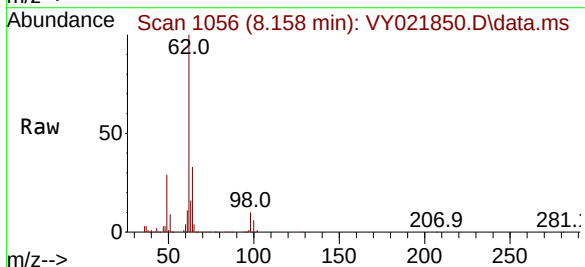
Manual Integrations
APPROVED

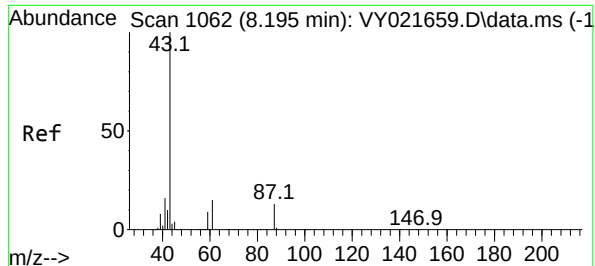
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#42
1,2-Dichloroethane
Concen: 50.800 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 62 Resp: 187930
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43

Isopropyl Acetate

Concen: 47.628 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 186649

Ion Ratio Lower Upper

43

100

61

19.5

87

14.1

15.9

10.4

23.9

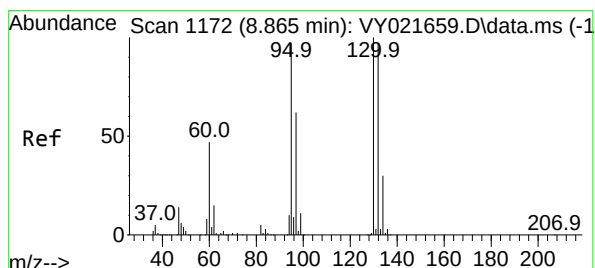
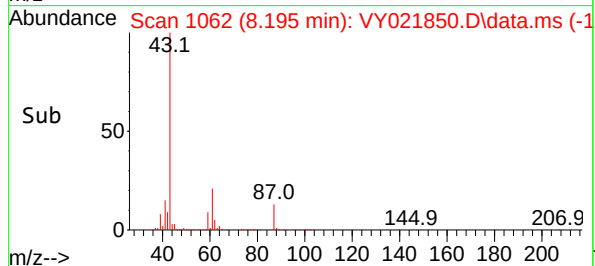
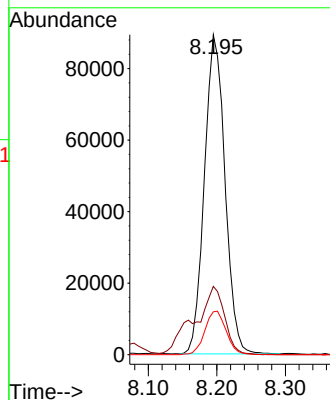
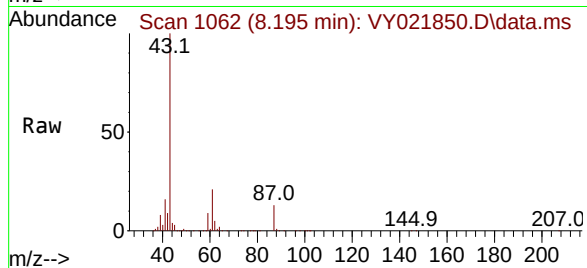
15.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#44

Trichloroethene

Concen: 57.313 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Tgt Ion:130 Resp: 191624

Ion Ratio Lower Upper

130

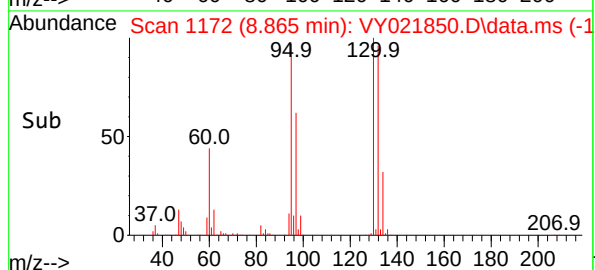
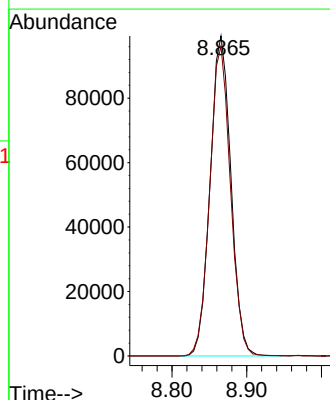
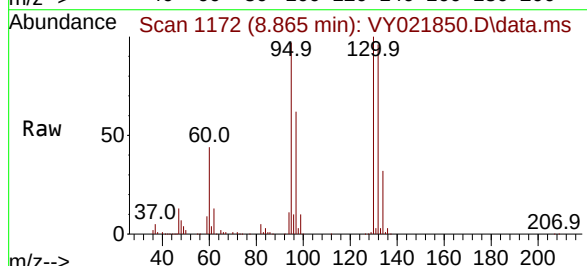
100

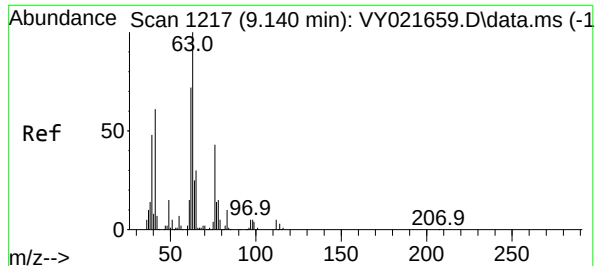
95

96.9

0.0

194.8





#45

1,2-Dichloropropane

Concen: 53.274 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 16547

Ion Ratio Lower Upper

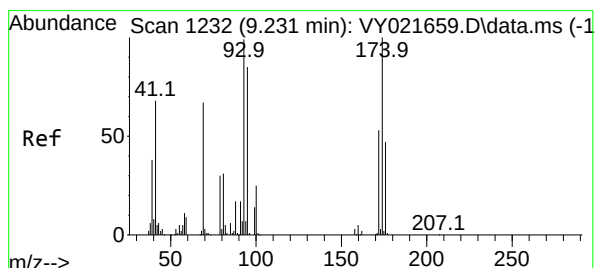
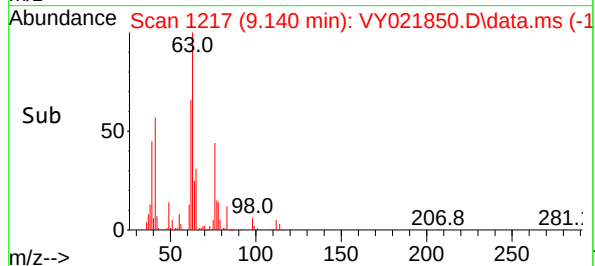
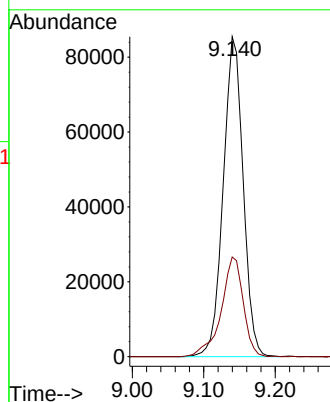
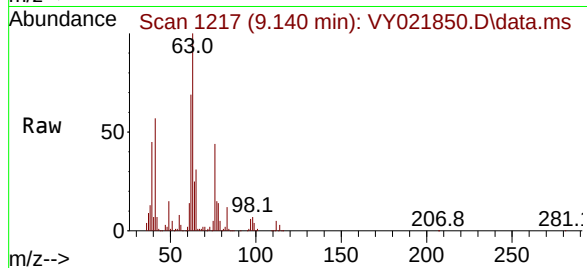
63 100

65 31.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#46

Dibromomethane

Concen: 51.350 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

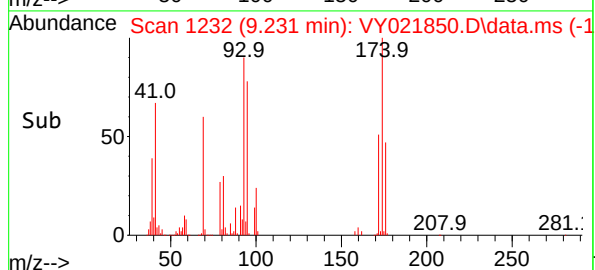
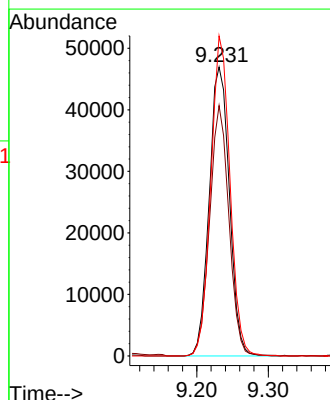
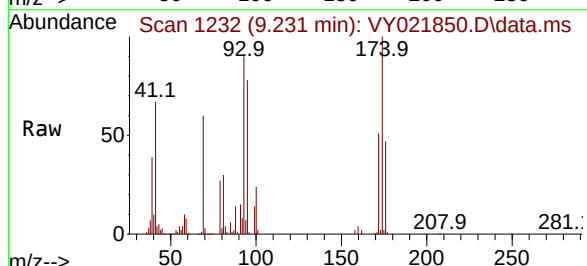
Tgt Ion: 93 Resp: 91924

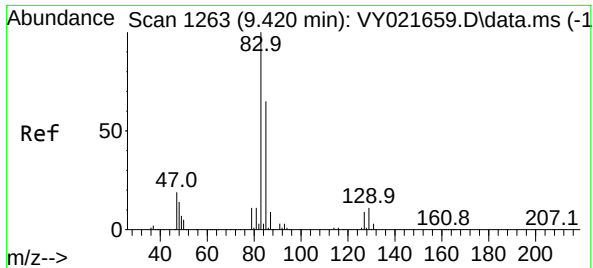
Ion Ratio Lower Upper

93 100

95 82.8 68.1 102.1

174 105.2 80.9 121.3





#47

Bromodichloromethane

Concen: 52.785 ug/l

RT: 9.426 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 24484

Ion Ratio Lower Upper

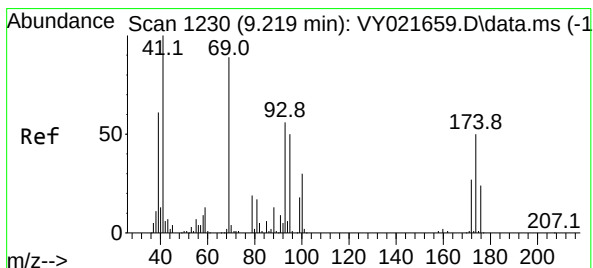
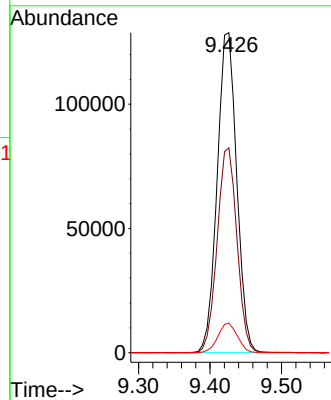
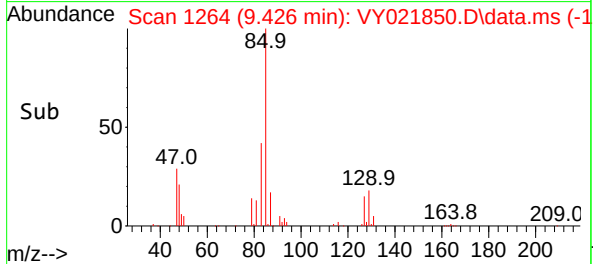
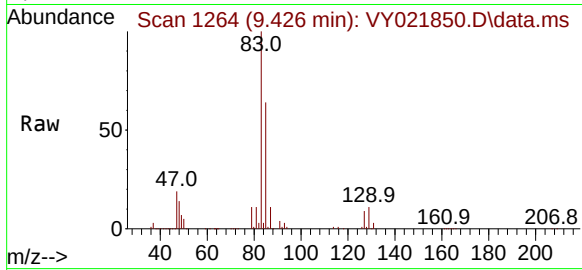
83 100

85 64.0 51.8 77.6

127 9.3 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#48

Methyl methacrylate

Concen: 50.338 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

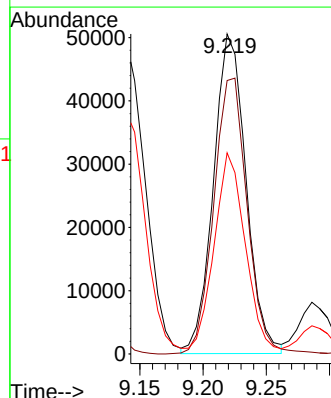
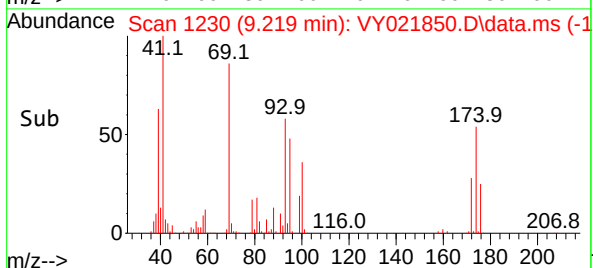
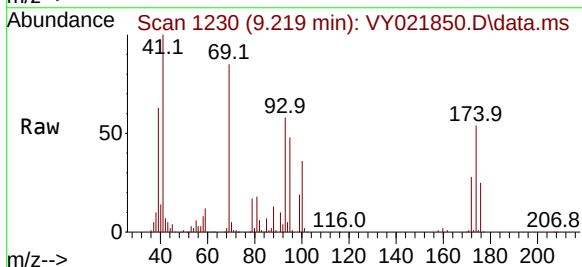
Tgt Ion: 41 Resp: 90539

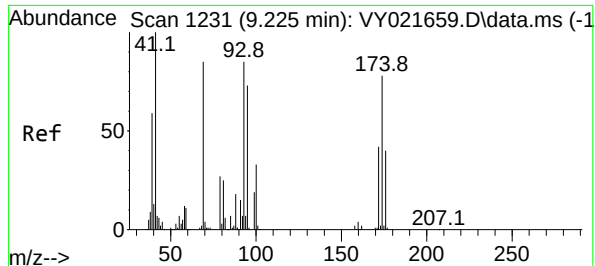
Ion Ratio Lower Upper

41 100

69 88.8 69.8 104.8

39 57.6 47.2 70.8





#49

1,4-Dioxane

Concen: 1031.494 ug/l

RT: 9.231 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 1978

Ion Ratio Lower Upper

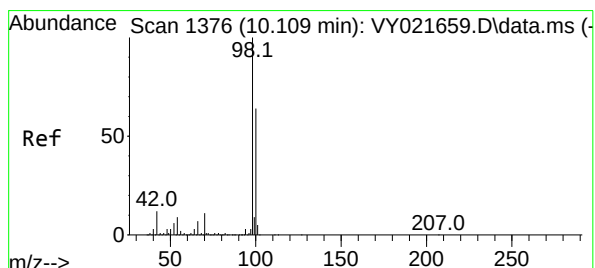
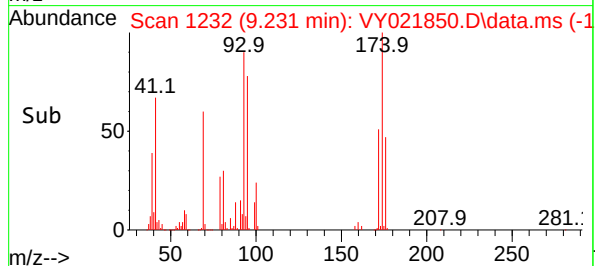
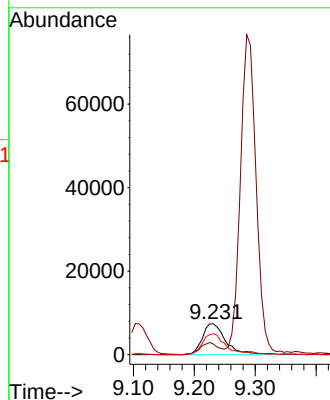
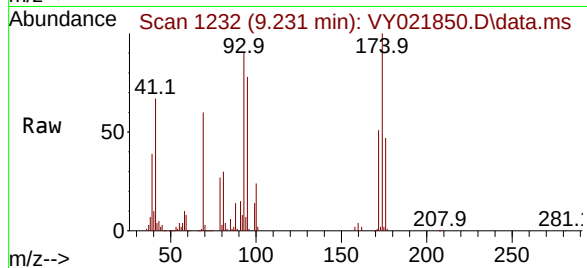
88 100

43 31.6 28.8 43.2

58 65.0 59.4 89.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#50

Toluene-d8

Concen: 54.265 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021850.D

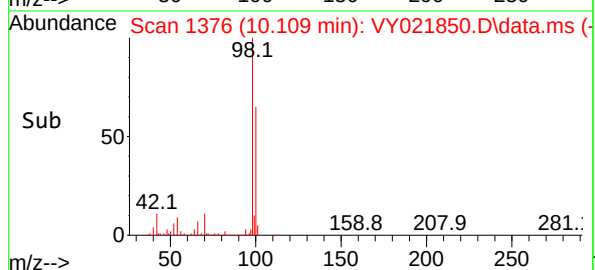
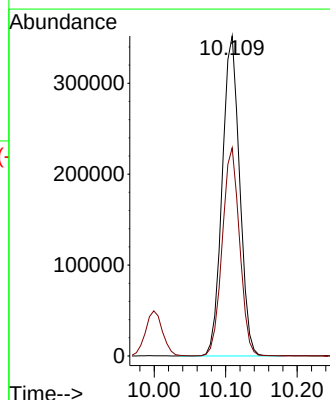
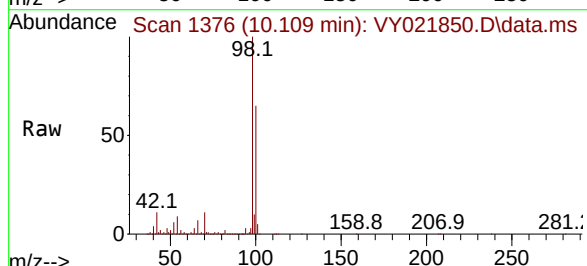
Acq: 11 Apr 2025 09:18

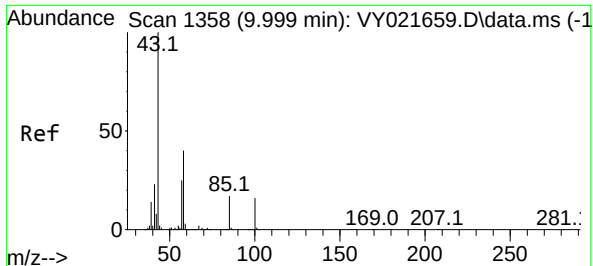
Tgt Ion: 98 Resp: 593879

Ion Ratio Lower Upper

98 100

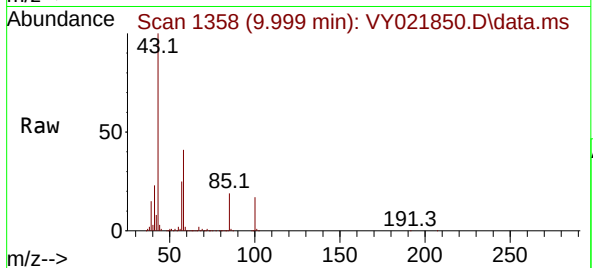
100 64.8 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 239.815 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

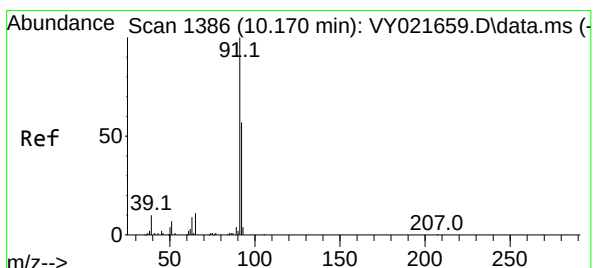
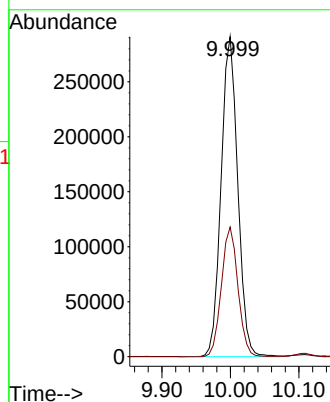
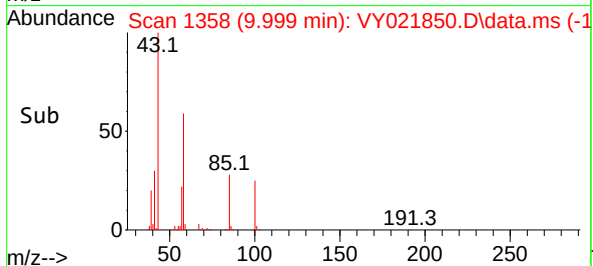
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 489078
Ion Ratio Lower Upper
43 100
58 40.3 31.5 47.3

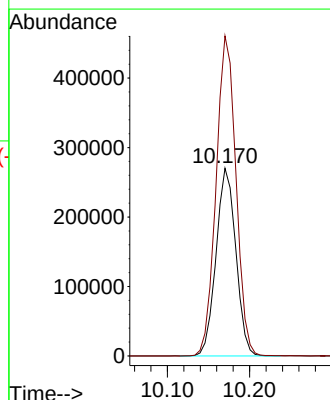
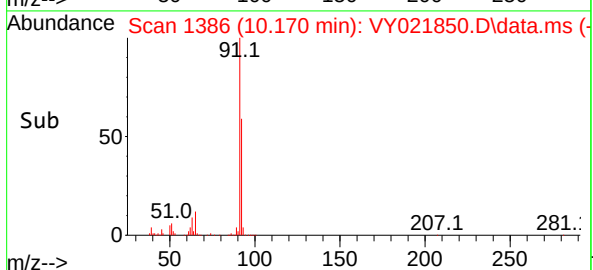
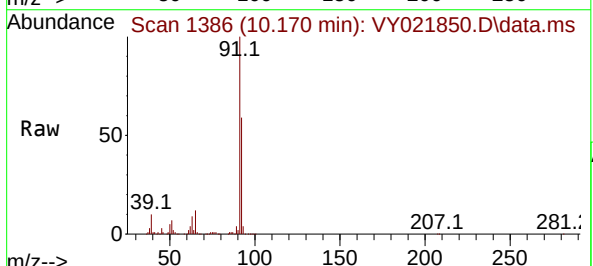
Manual Integrations
APPROVED

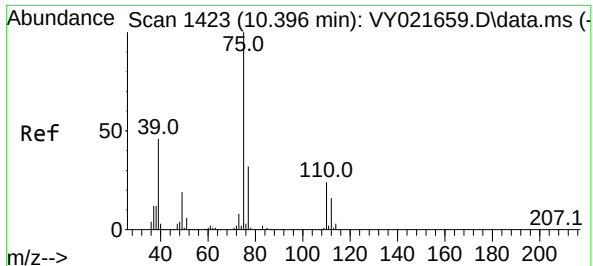
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#52
Toluene
Concen: 55.170 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 92 Resp: 451688
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8





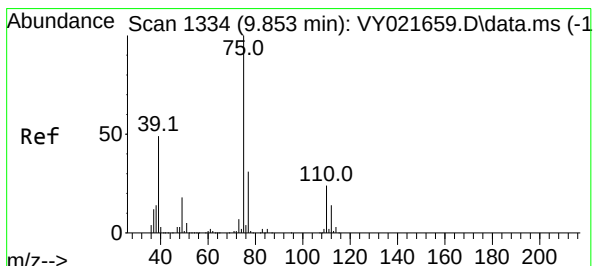
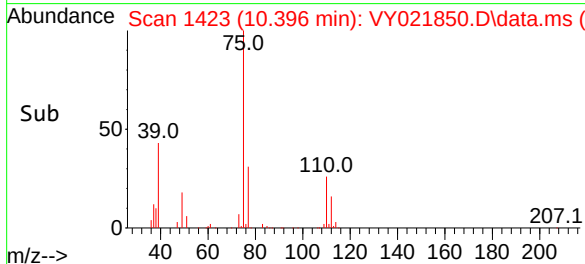
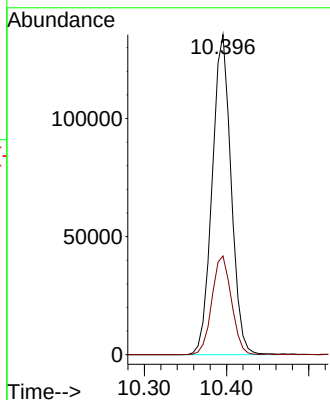
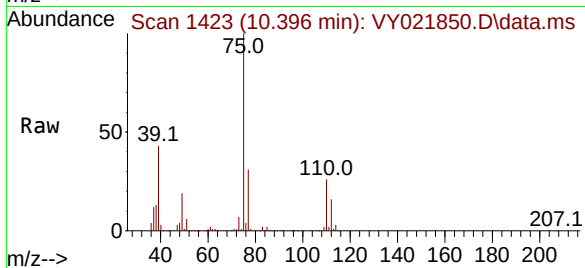
#53
t-1,3-Dichloropropene
Concen: 52.583 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 21664
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9

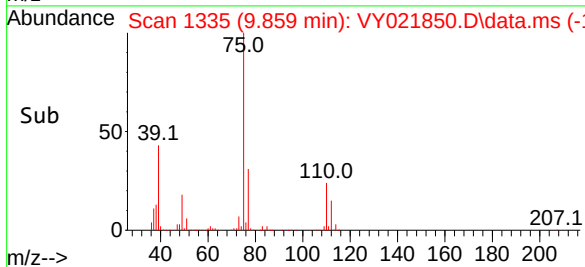
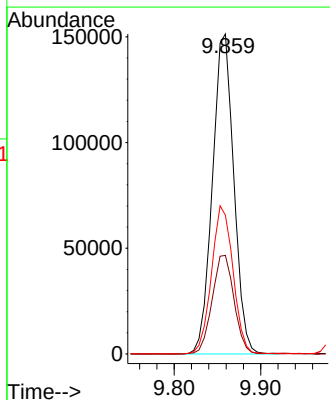
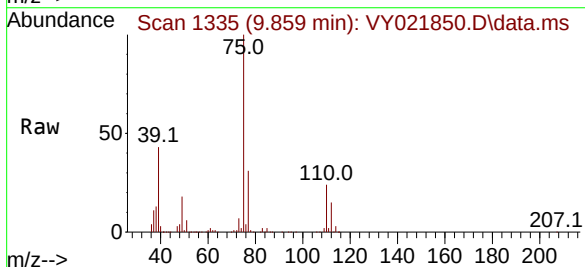
Manual Integrations
APPROVED

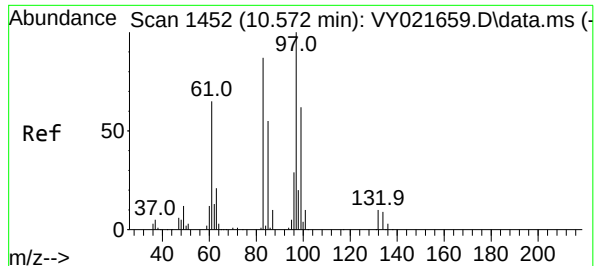
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#54
cis-1,3-Dichloropropene
Concen: 53.414 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

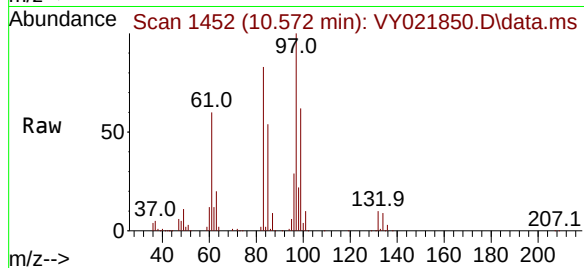
Tgt Ion: 75 Resp: 259622
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3
39 43.3 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 52.065 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

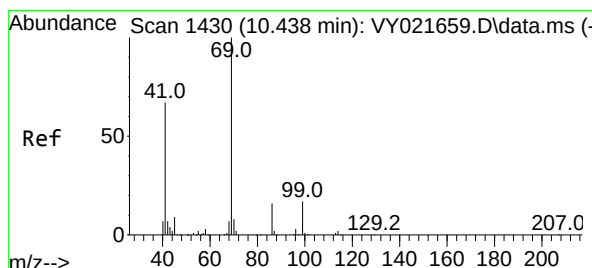
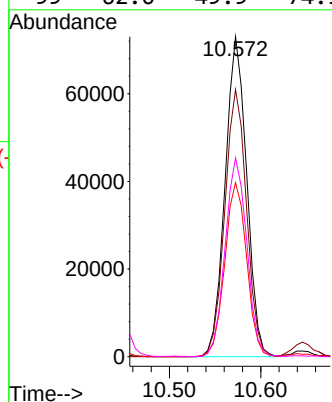
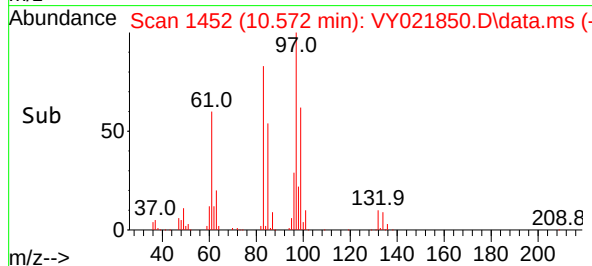
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 11994
Ion Ratio Lower Upper
97 100
83 83.4 69.5 104.3
85 54.4 43.9 65.9
99 62.0 49.9 74.9

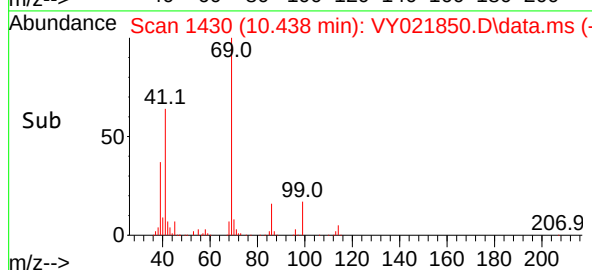
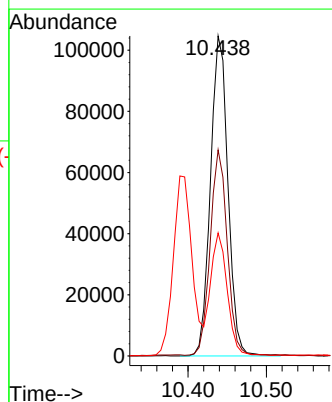
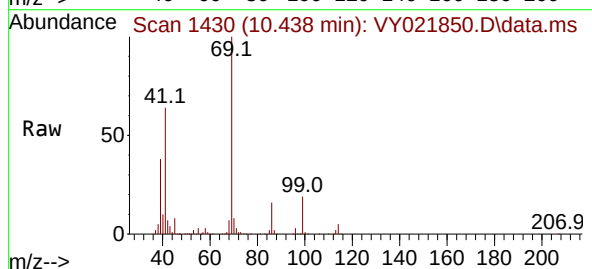
Manual Integrations
APPROVED

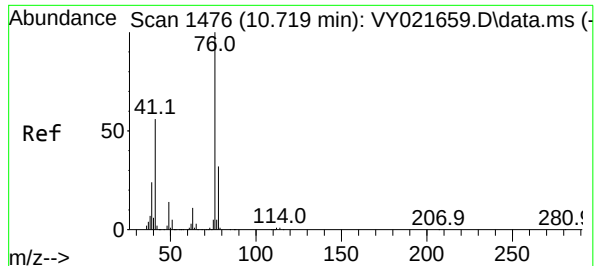
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#56
Ethyl methacrylate
Concen: 55.069 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

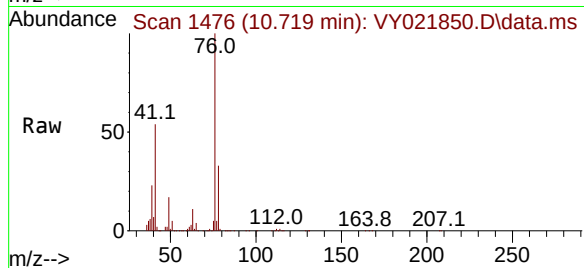
Tgt Ion: 69 Resp: 161990
Ion Ratio Lower Upper
69 100
41 62.8 53.8 80.6
39 36.0 29.6 44.4





#57
1,3-Dichloropropane
Concen: 52.163 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

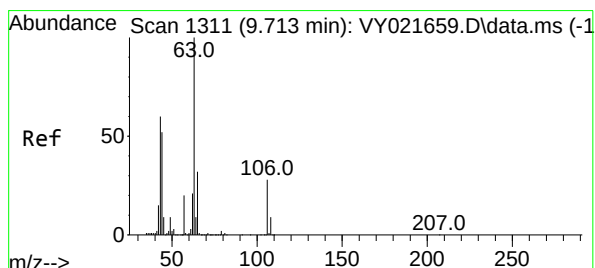
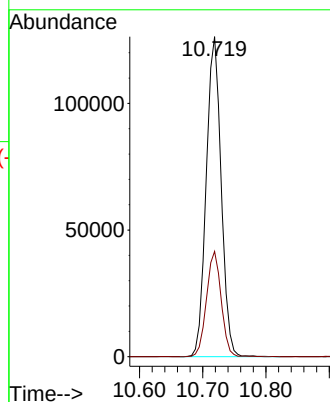
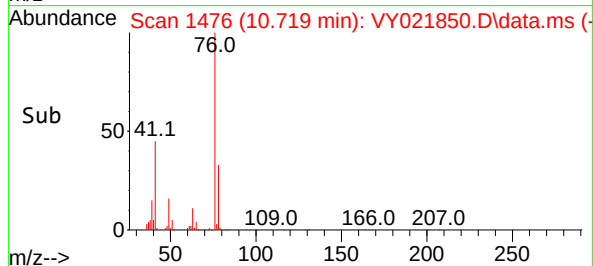
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 207539
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

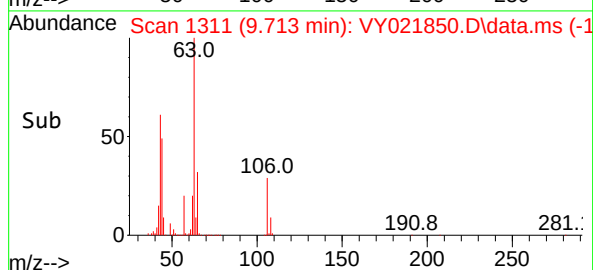
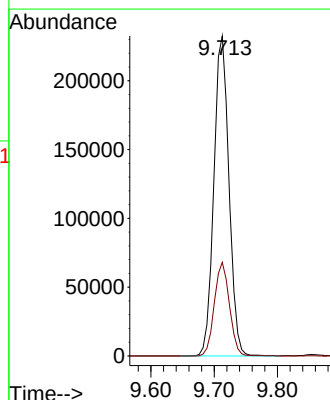
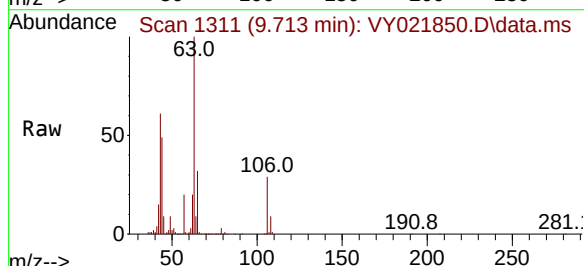
Manual Integrations
APPROVED

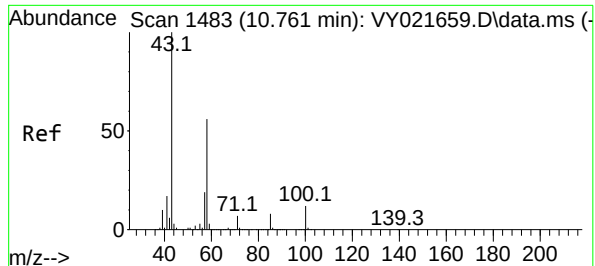
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 268.689 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

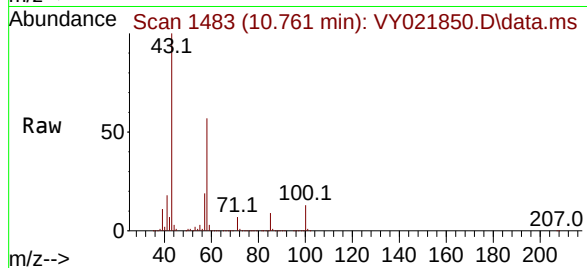
Tgt Ion: 63 Resp: 385567
Ion Ratio Lower Upper
63 100
106 29.2 22.4 33.6





#59
2-Hexanone
Concen: 239.043 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

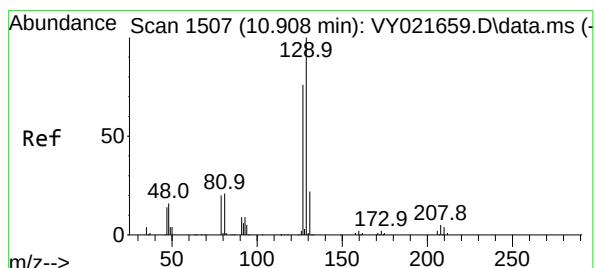
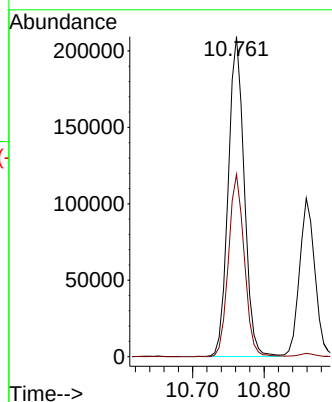
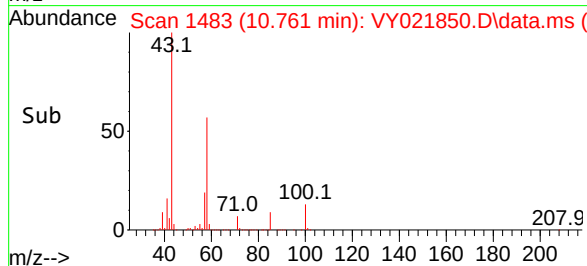
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 324670
Ion Ratio Lower Upper
43 100
58 56.4 27.2 81.5

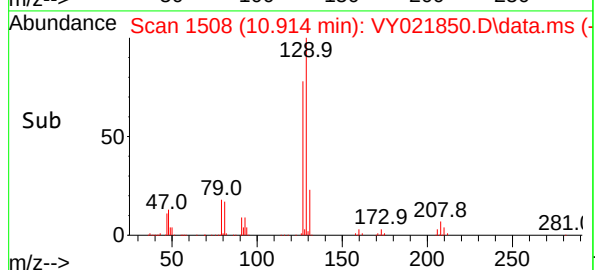
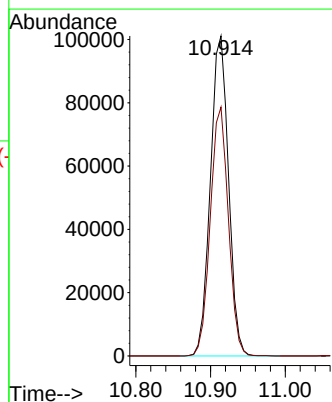
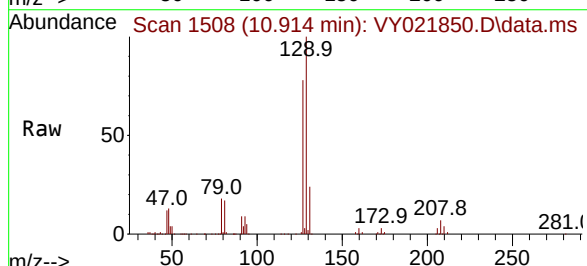
Manual Integrations
APPROVED

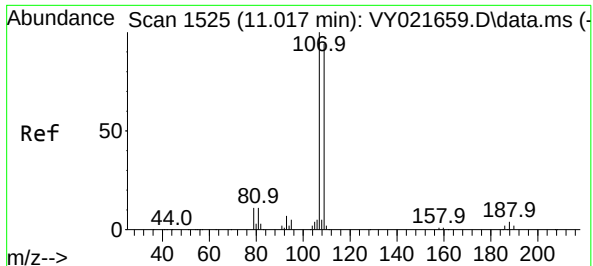
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#60
Dibromochloromethane
Concen: 54.139 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion:129 Resp: 170283
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7





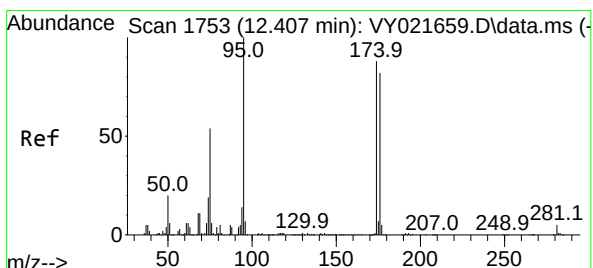
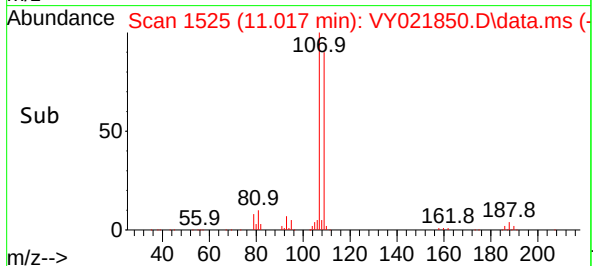
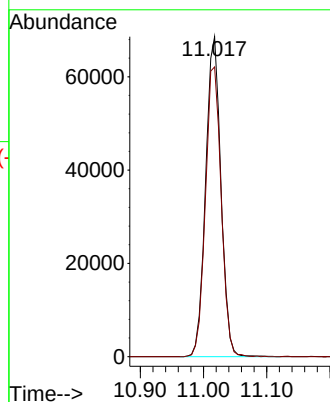
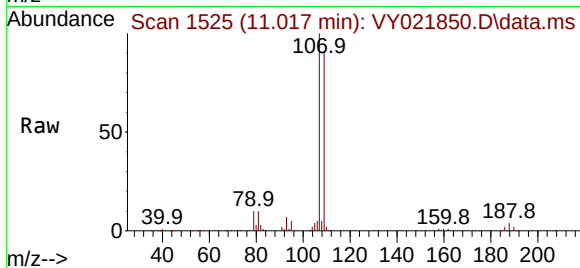
#61
1,2-Dibromoethane
Concen: 53.364 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 11532
Ion Ratio Lower Upper
107 100
109 93.4 74.4 111.6

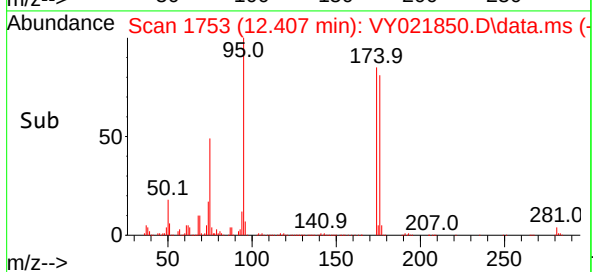
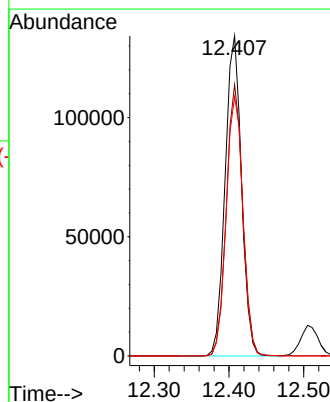
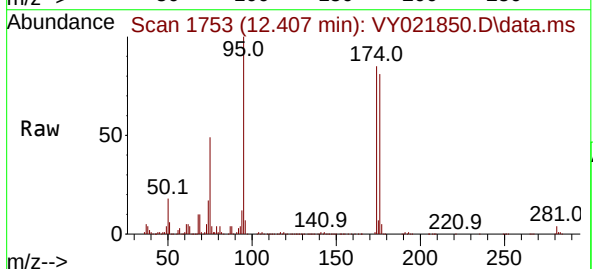
Manual Integrations
APPROVED

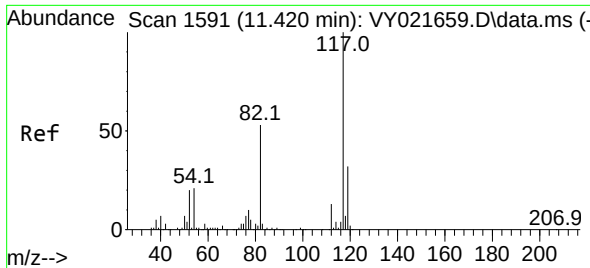
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#62
4-Bromofluorobenzene
Concen: 55.227 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

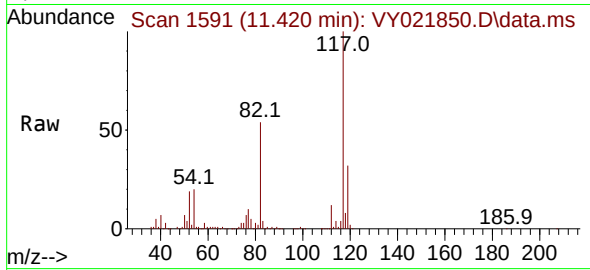
Tgt Ion: 95 Resp: 204439
Ion Ratio Lower Upper
95 100
174 84.9 0.0 170.8
176 82.8 0.0 162.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

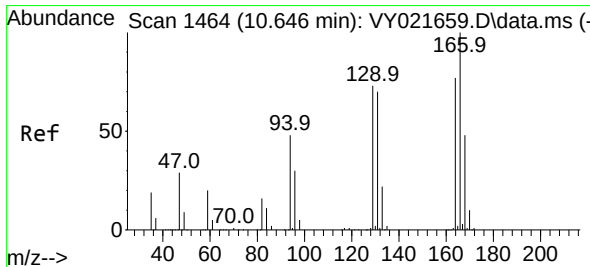
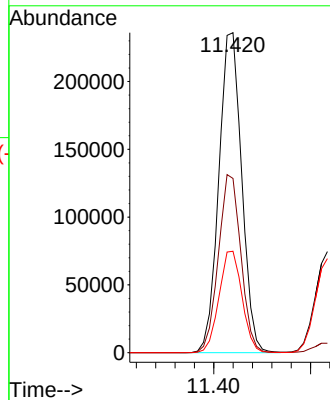
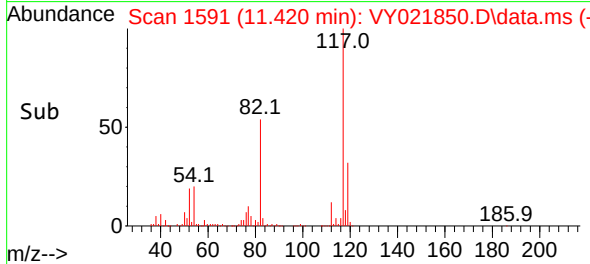
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 386894
Ion Ratio Lower Upper
117 100
82 54.4 42.8 64.2
119 31.7 25.7 38.5

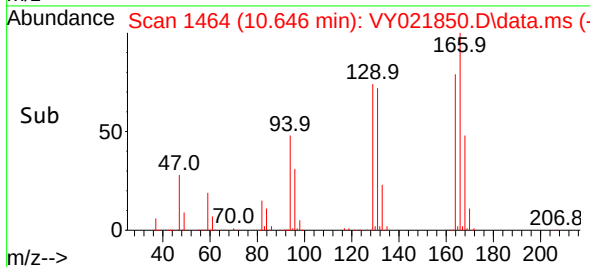
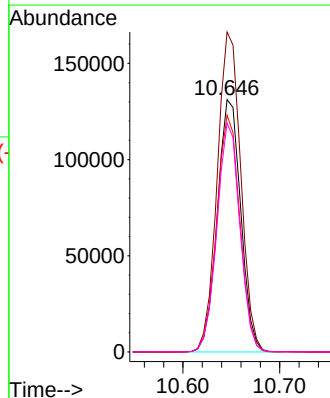
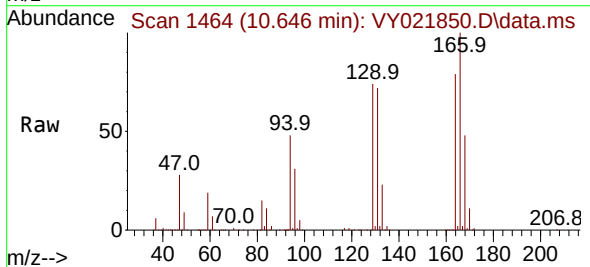
Manual Integrations
APPROVED

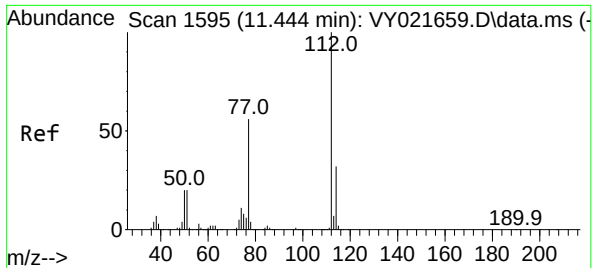
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#64
Tetrachloroethene
Concen: 62.690 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

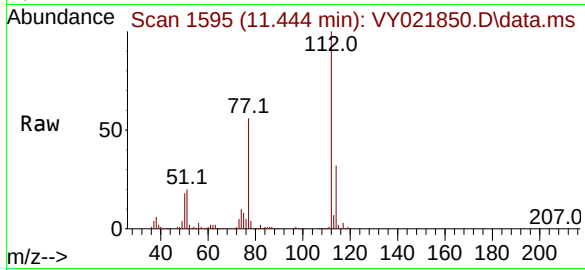
Tgt Ion:164 Resp: 220901
Ion Ratio Lower Upper
164 100
166 126.8 104.6 156.8
129 93.9 76.6 114.8
131 90.8 73.4 110.0





#65
Chlorobenzene
Concen: 55.307 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

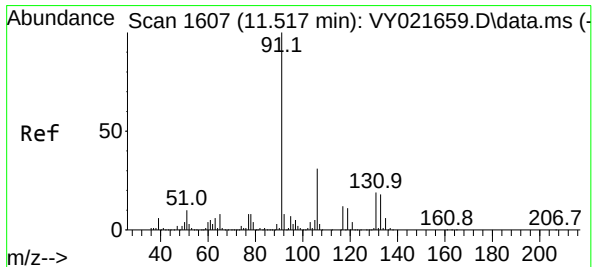
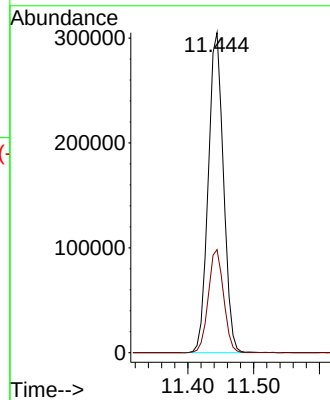
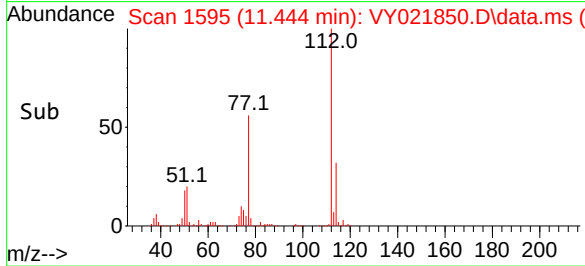
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



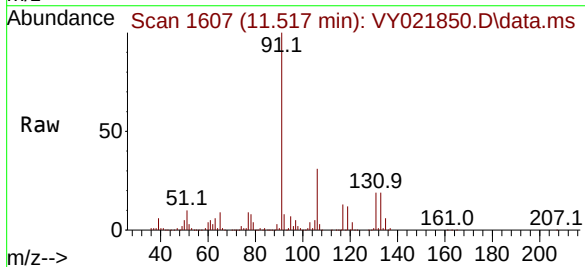
Tgt Ion:112 Resp: 490509
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9

Manual Integrations
APPROVED

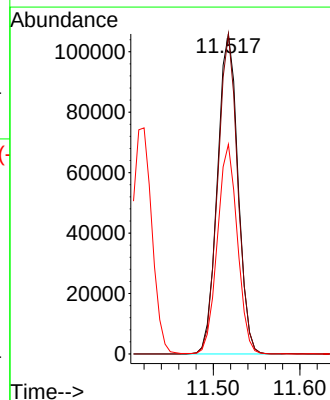
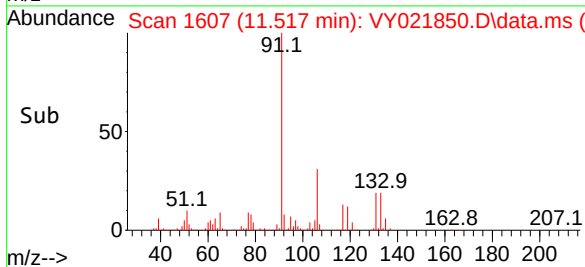
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

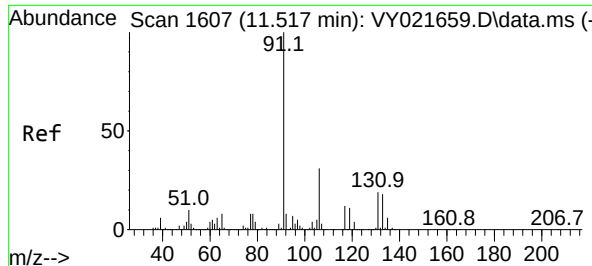


#66
1,1,1,2-Tetrachloroethane
Concen: 55.366 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18



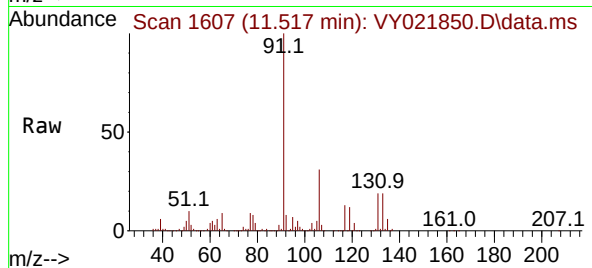
Tgt Ion:131 Resp: 174220
Ion Ratio Lower Upper
131 100
133 97.0 47.3 141.8
119 63.9 31.6 95.0





#67
Ethyl Benzene
Concen: 57.580 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

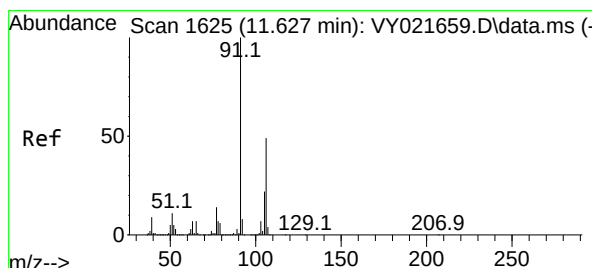
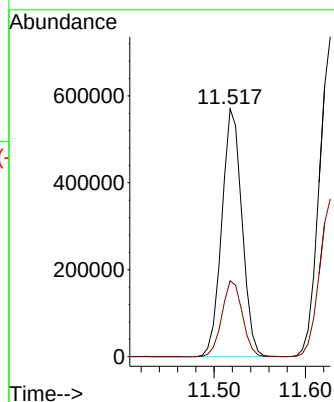
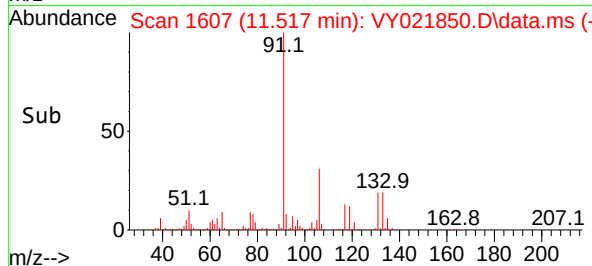
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 875689
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

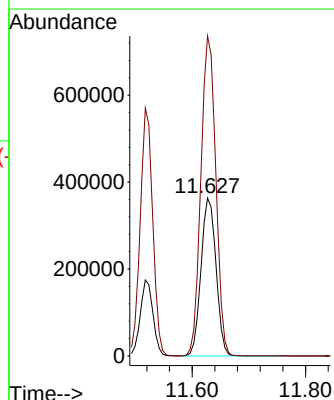
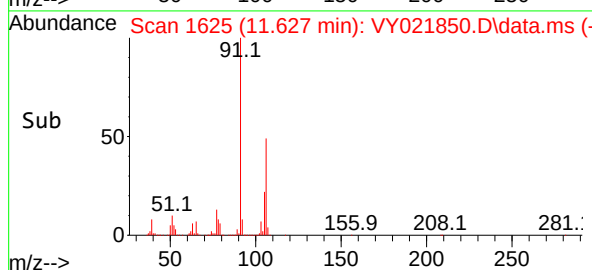
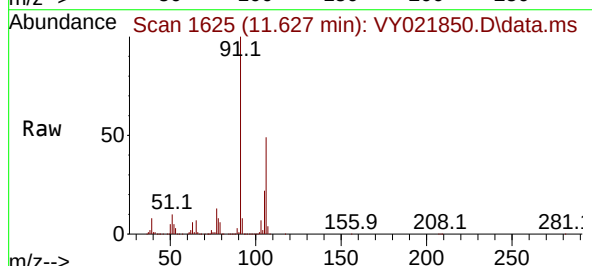
Manual Integrations
APPROVED

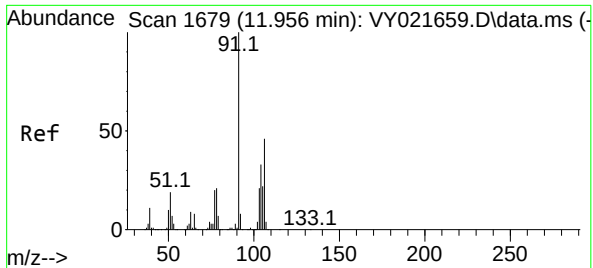
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#68
m/p-Xylenes
Concen: 114.707 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

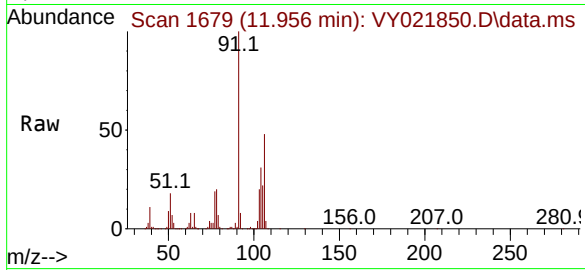
Tgt Ion:106 Resp: 668010
Ion Ratio Lower Upper
106 100
91 201.8 162.4 243.6





#69
o-Xylene
Concen: 58.511 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

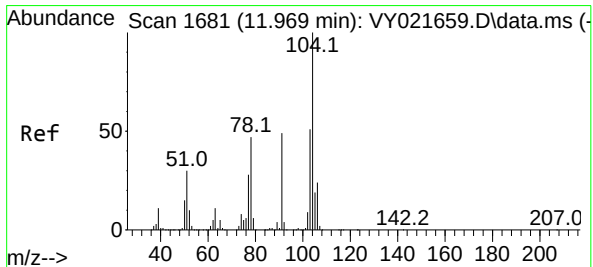
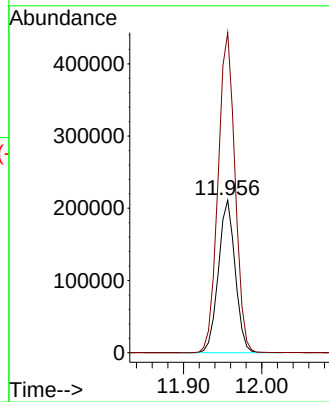
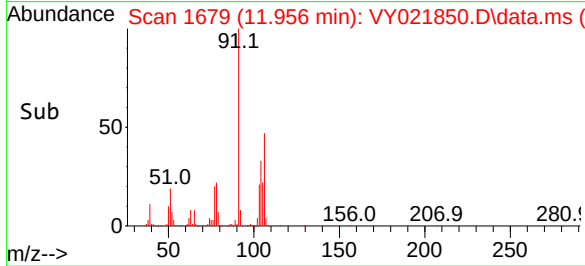
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 31453
Ion Ratio Lower Upper
106 100
91 212.3 106.7 319.9

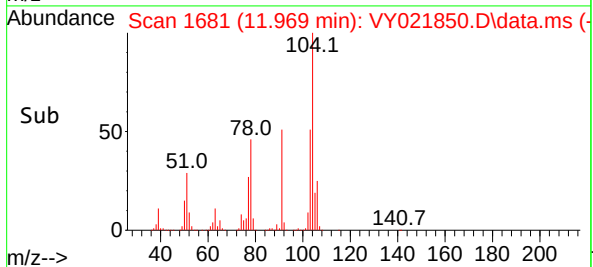
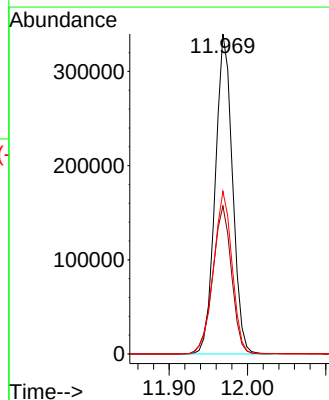
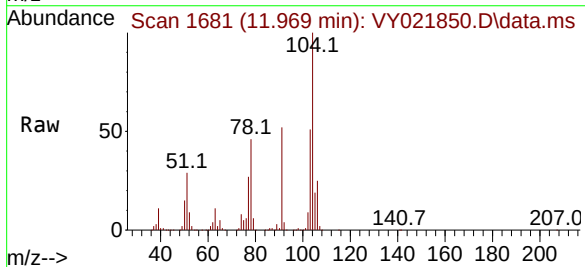
Manual Integrations
APPROVED

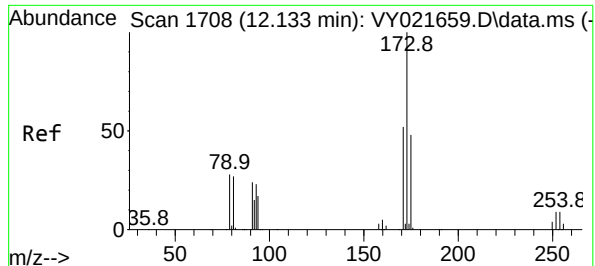
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#70
Styrene
Concen: 58.165 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

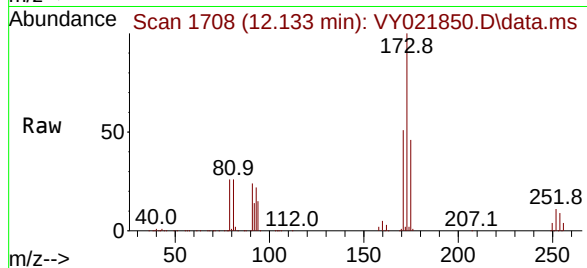
Tgt Ion:104 Resp: 521332
Ion Ratio Lower Upper
104 100
78 50.3 40.8 61.2
103 54.5 44.2 66.2





#71
Bromoform
Concen: 54.645 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

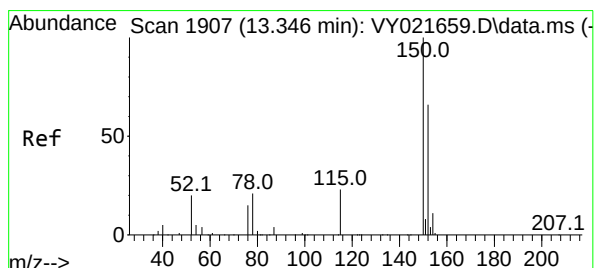
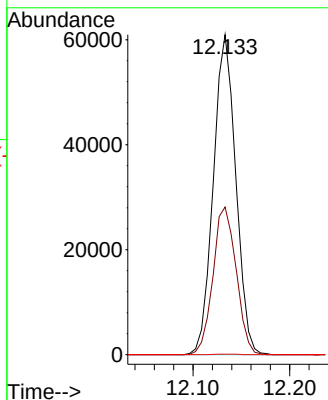
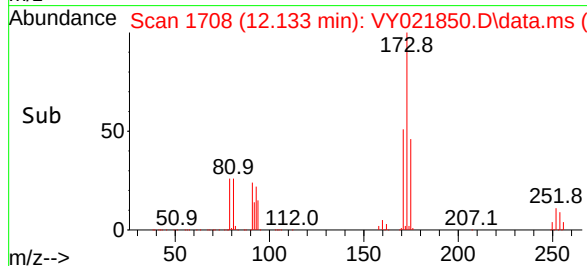
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



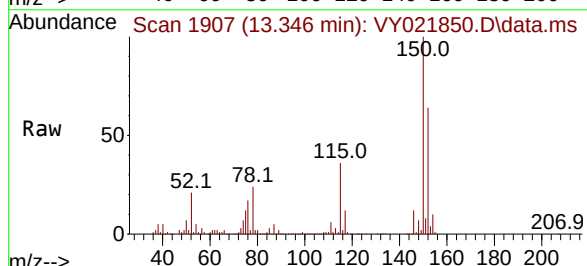
Tgt Ion:173 Resp: 98084
Ion Ratio Lower Upper
173 100
175 47.7 24.3 73.0
254 0.2 0.1 0.1

Manual Integrations
APPROVED

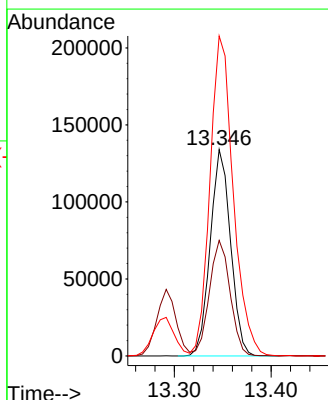
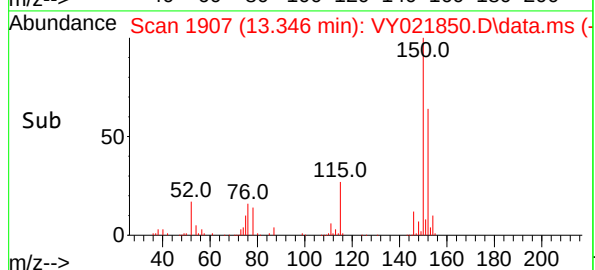
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

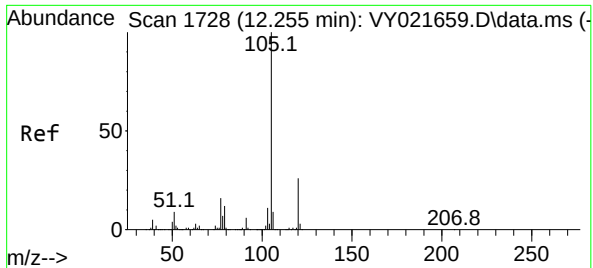


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18



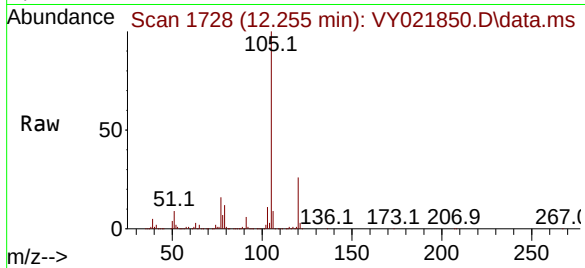
Tgt Ion:152 Resp: 196263
Ion Ratio Lower Upper
152 100
115 56.9 28.8 86.5
150 177.2 0.0 348.4





#73
Isopropylbenzene
Concen: 57.648 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

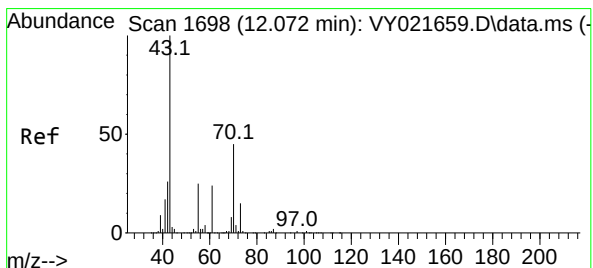
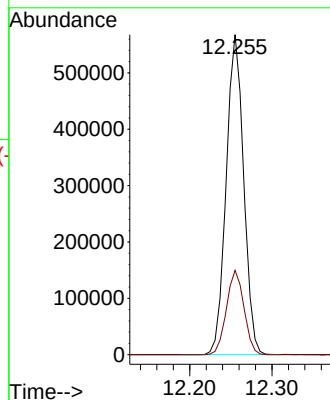
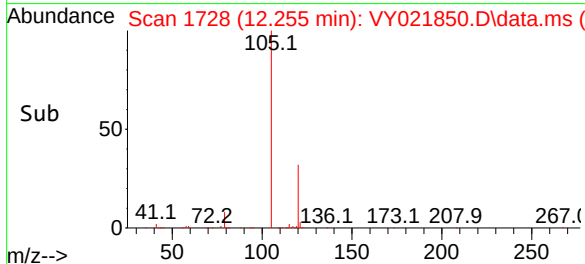
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



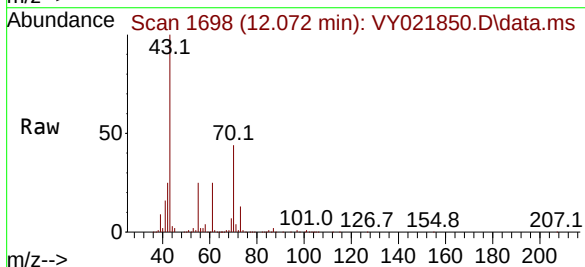
Tgt Ion:105 Resp: 840340
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

Manual Integrations
APPROVED

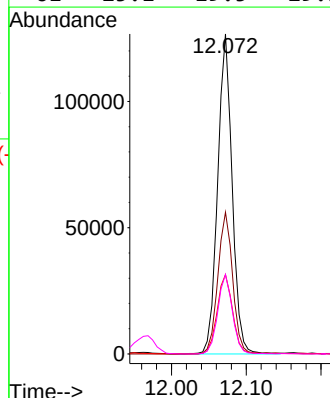
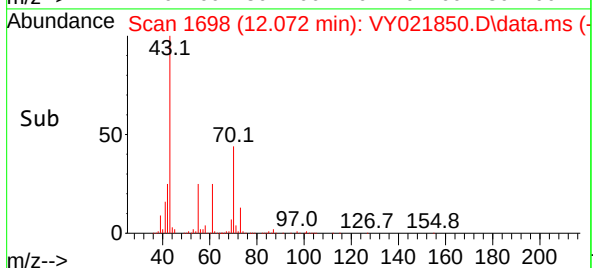
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

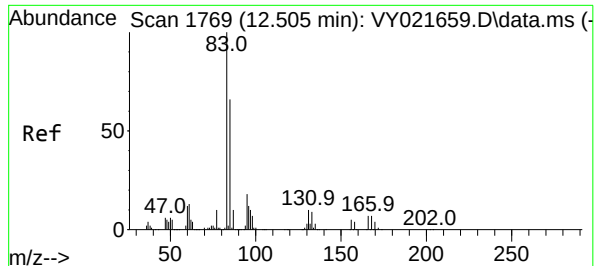


#74
N-ethyl acetate
Concen: 49.969 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18



Tgt Ion: 43 Resp: 170949
Ion Ratio Lower Upper
43 100
70 45.7 34.7 52.1
55 26.6 21.2 31.8
61 25.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.724 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 119830

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.3

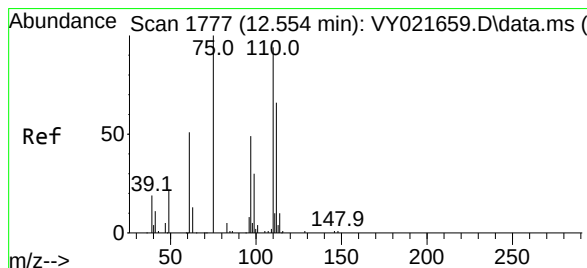
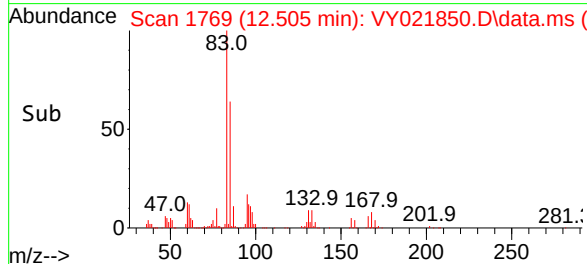
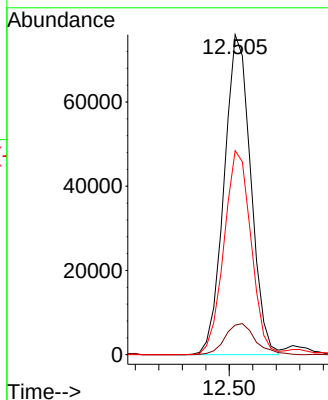
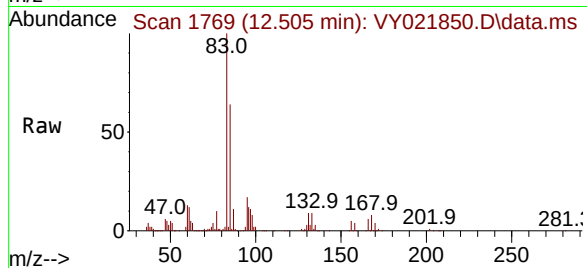
85 64.8 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#76

1,2,3-Trichloropropane

Concen: 50.175 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY021850.D

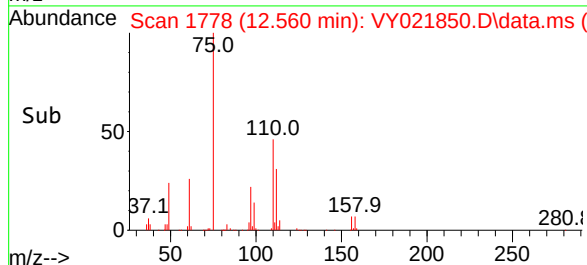
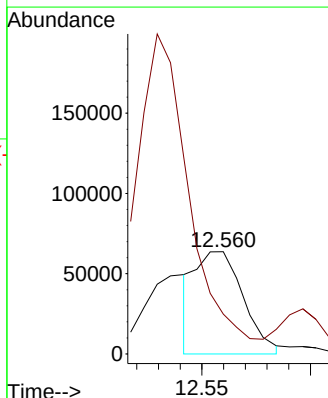
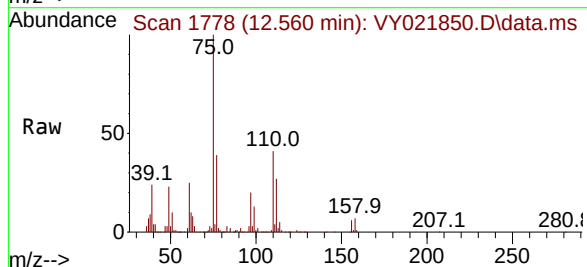
Acq: 11 Apr 2025 09:18

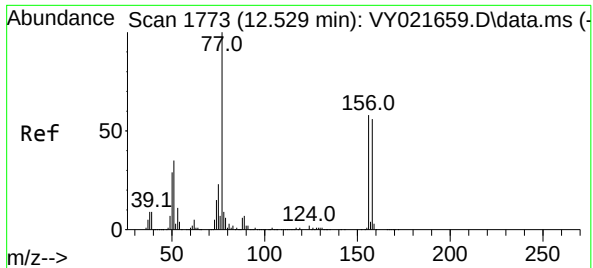
Tgt Ion: 75 Resp: 97614

Ion Ratio Lower Upper

75 100

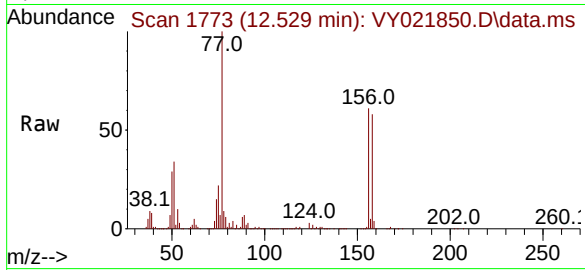
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 55.923 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

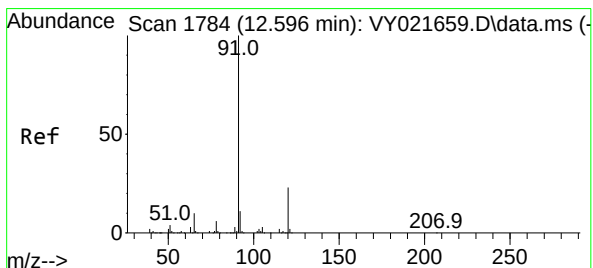
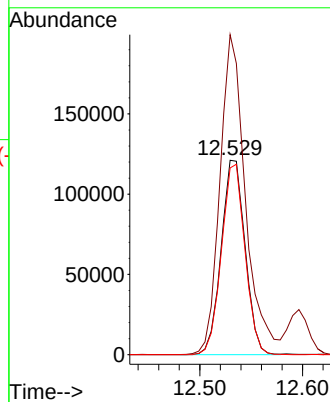
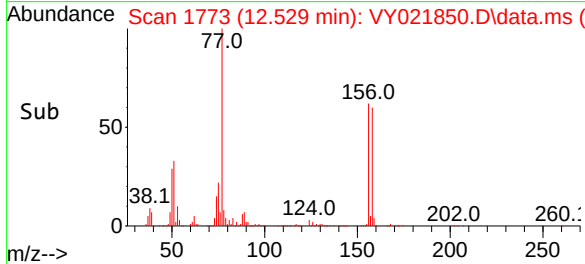
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 195729
Ion Ratio Lower Upper
156 100
77 175.8 92.8 278.3
158 96.3 48.5 145.6

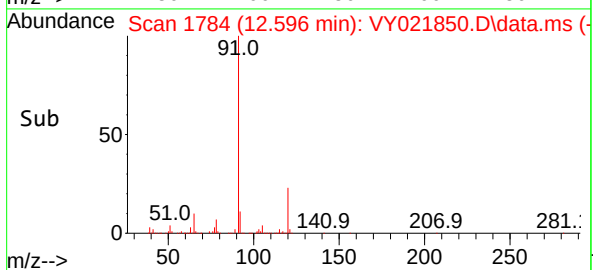
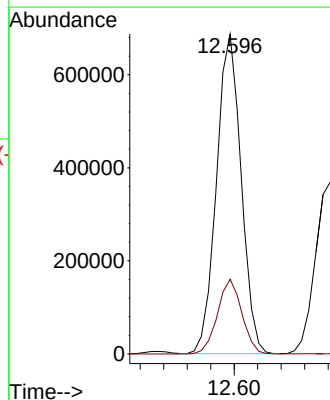
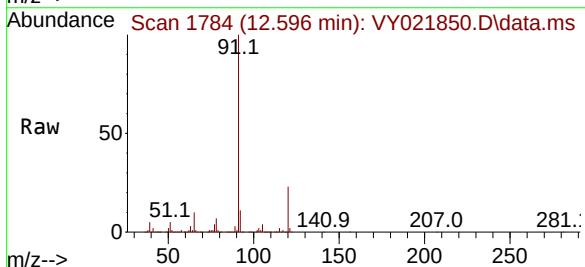
Manual Integrations
APPROVED

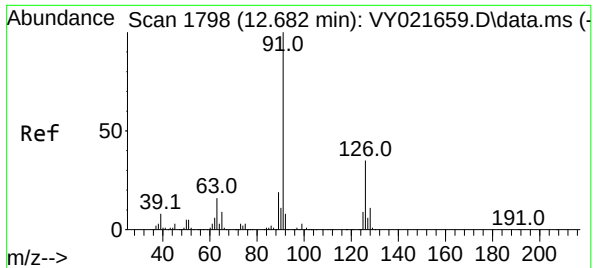
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#78
n-propylbenzene
Concen: 56.973 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

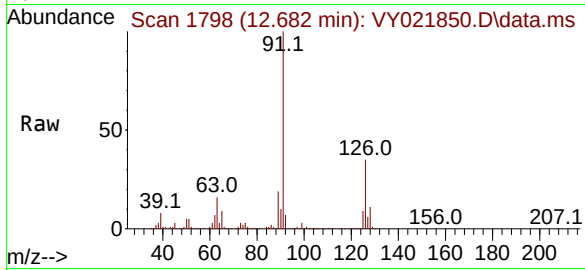
Tgt Ion: 91 Resp: 998462
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.9





#79
2-Chlorotoluene
Concen: 55.564 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

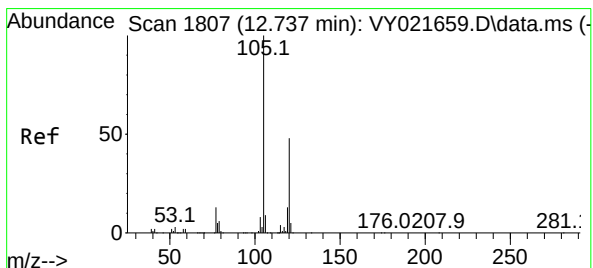
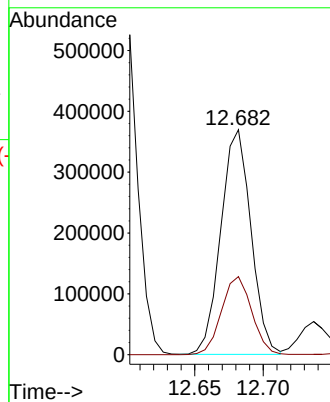
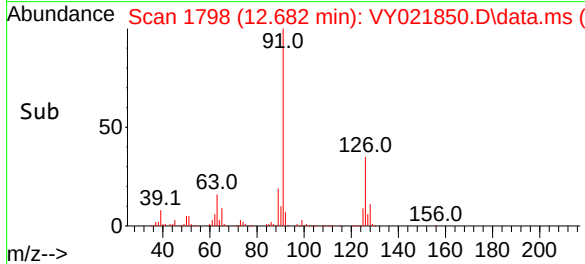
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



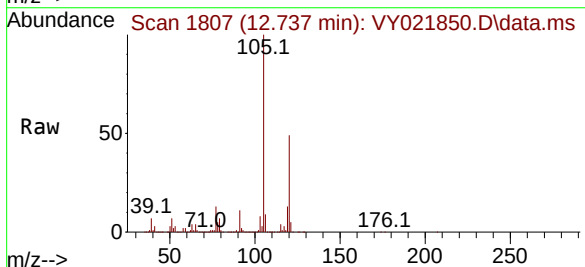
Tgt Ion: 91 Resp: 565580
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0

Manual Integrations
APPROVED

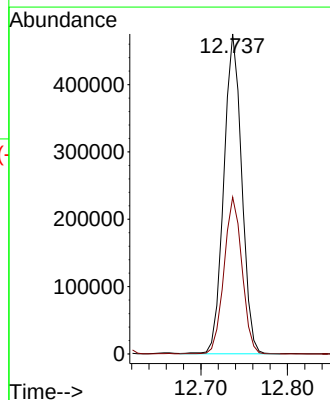
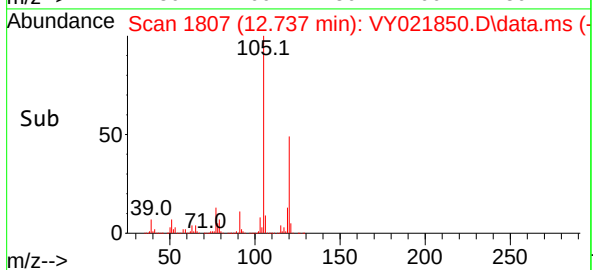
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

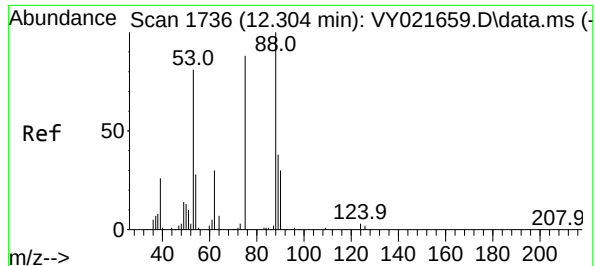


#80
1,3,5-Trimethylbenzene
Concen: 57.261 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18



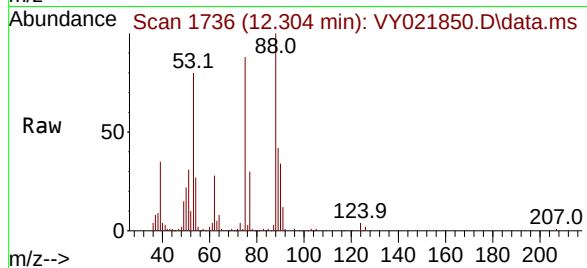
Tgt Ion:105 Resp: 682195
Ion Ratio Lower Upper
105 100
120 49.3 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 48.127 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

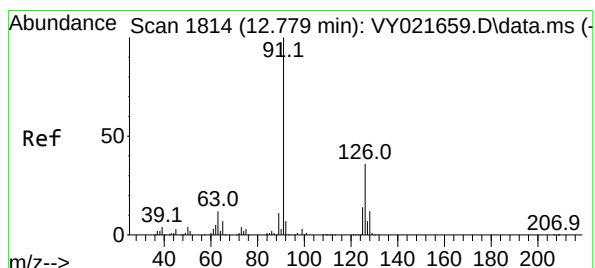
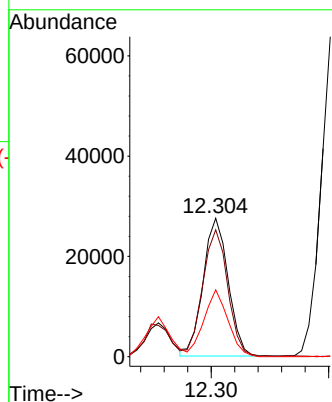
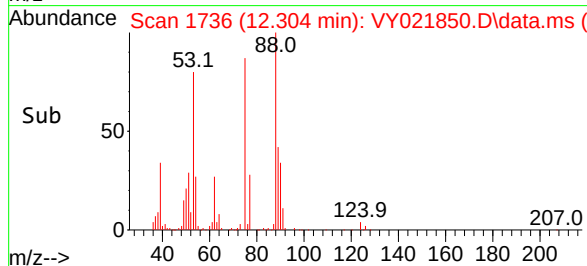
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 40635
Ion Ratio Lower Upper
75 100
53 92.2 76.1 114.1
89 46.8 36.2 54.4

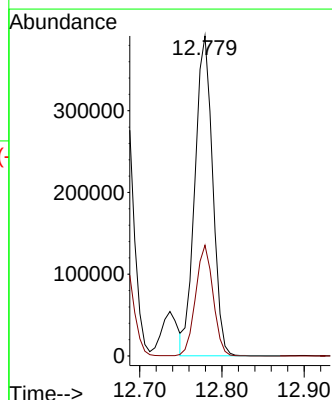
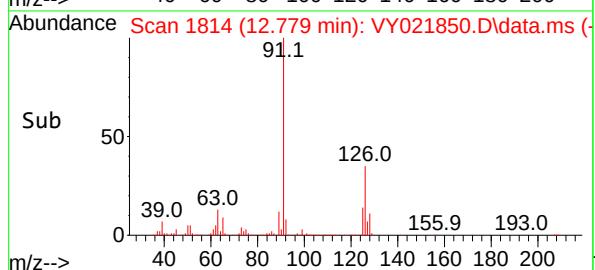
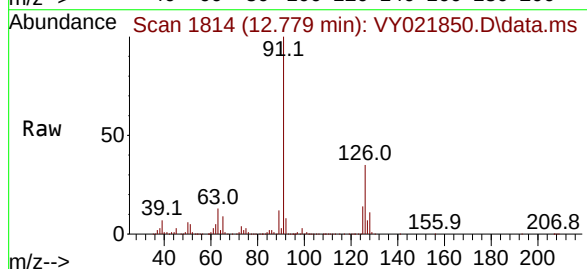
Manual Integrations
APPROVED

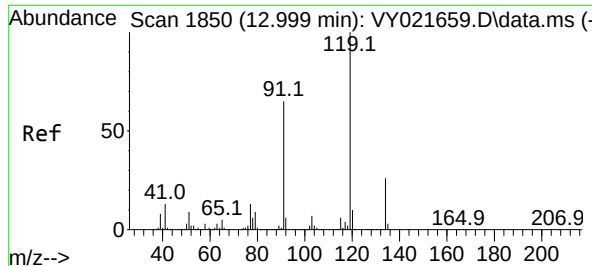
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#82
4-Chlorotoluene
Concen: 55.178 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 91 Resp: 585547
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 57.834 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 61371

Ion Ratio Lower Upper

119 100

91 64.8 32.6 97.7

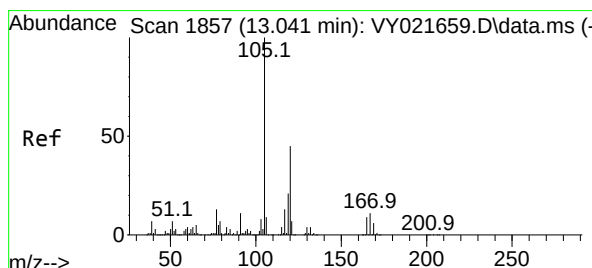
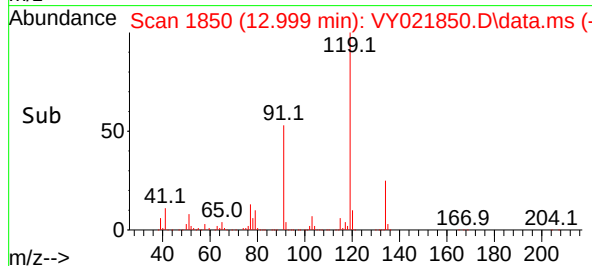
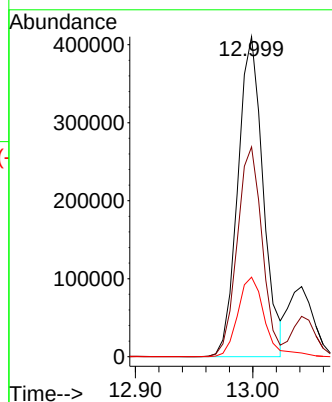
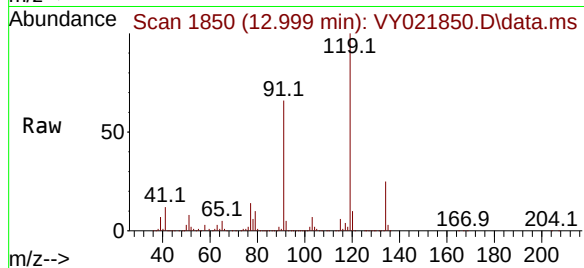
134 26.4 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 57.973 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021850.D

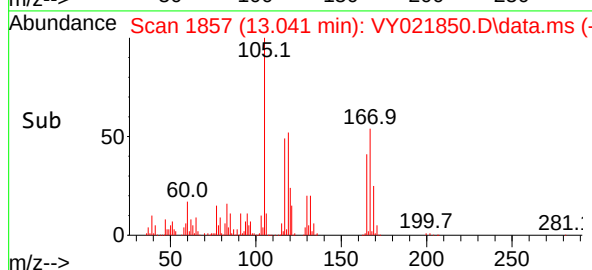
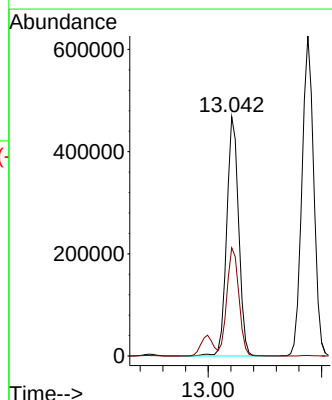
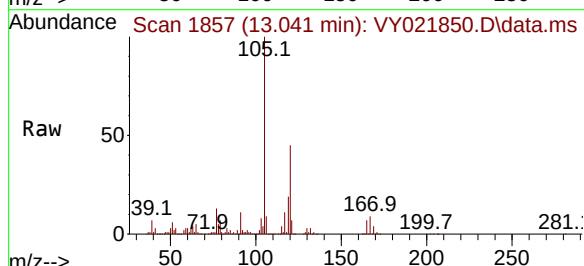
Acq: 11 Apr 2025 09:18

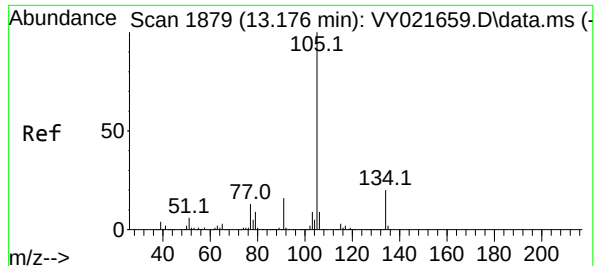
Tgt Ion:105 Resp: 682635

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 58.131 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 90148

Ion Ratio Lower Upper

105 100

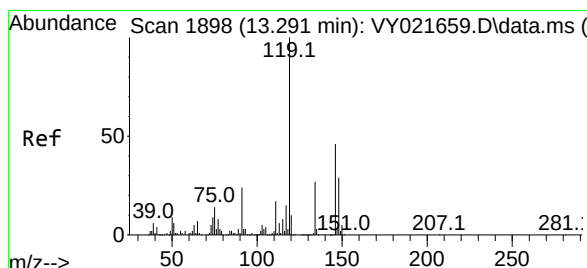
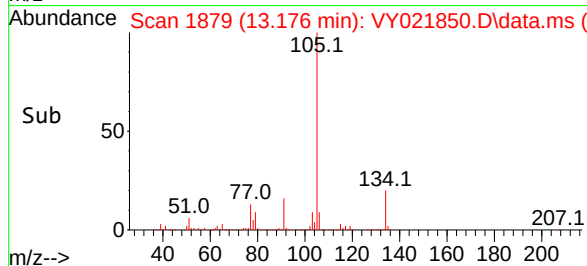
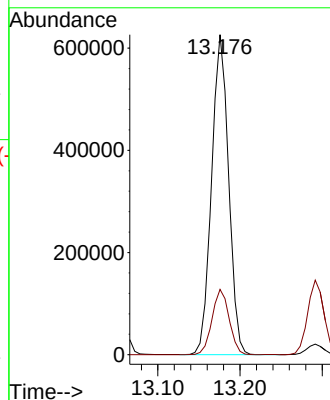
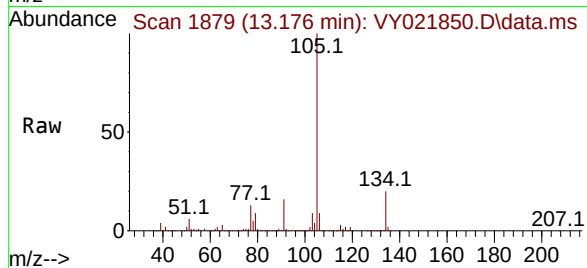
134 20.5 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#86

p-Isopropyltoluene

Concen: 59.571 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

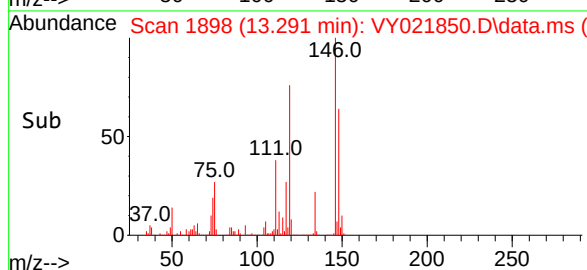
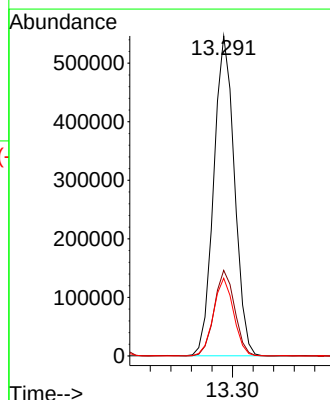
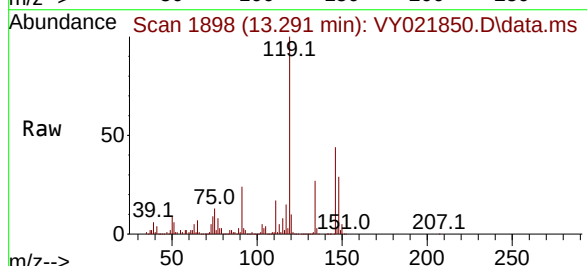
Tgt Ion:119 Resp: 763533

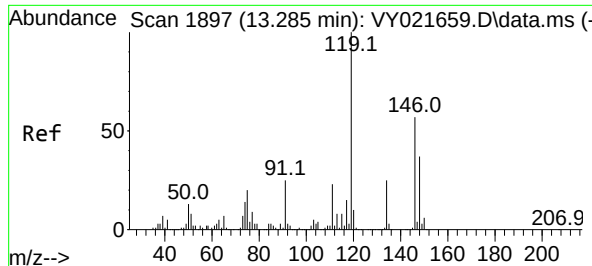
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.7 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 55.345 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 381630

Ion Ratio Lower Upper

146 100

111 39.5 20.0 60.0

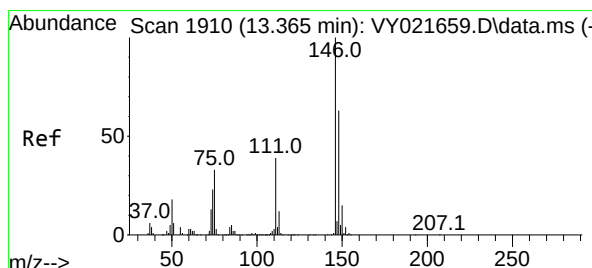
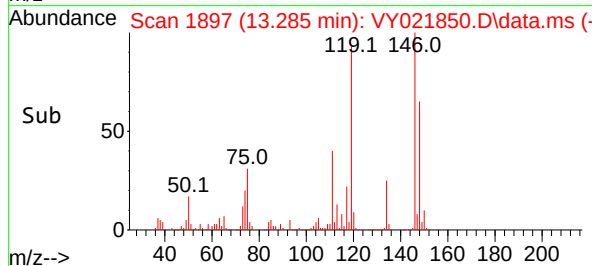
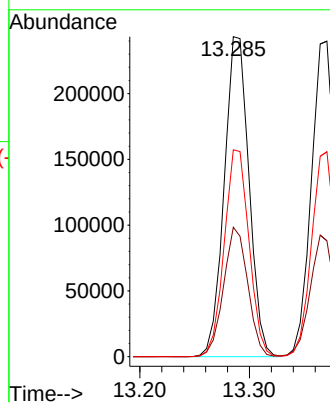
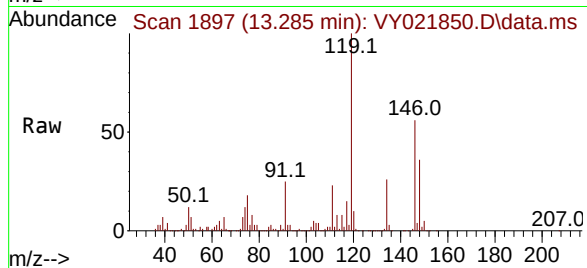
148 64.7 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#88

1,4-Dichlorobenzene

Concen: 54.580 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

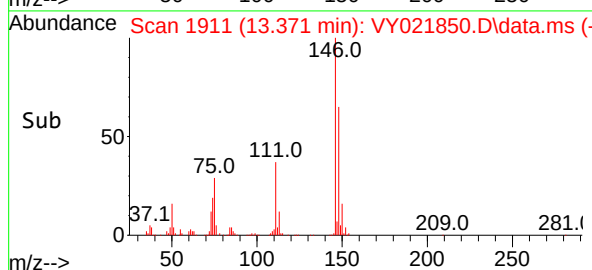
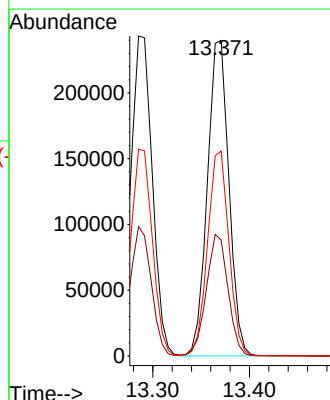
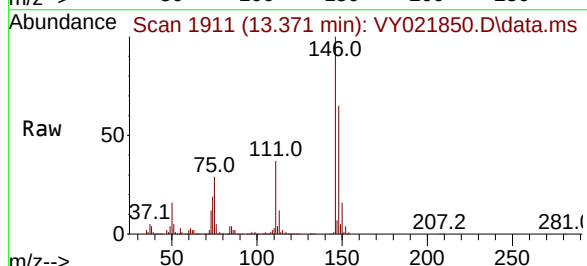
Tgt Ion:146 Resp: 371844

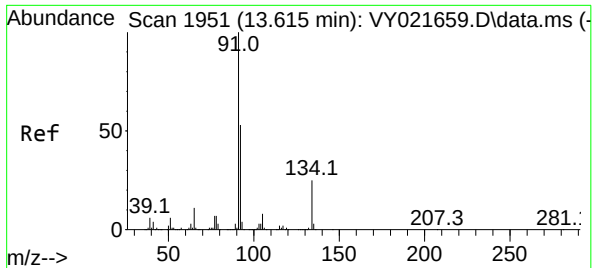
Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.1

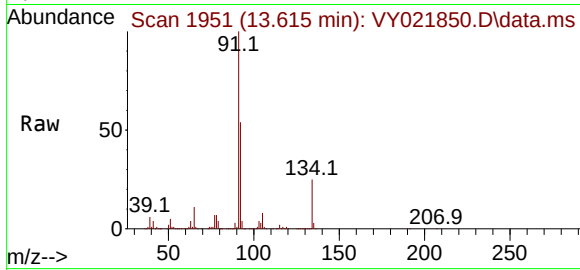
148 64.5 31.5 94.5





#89
n-Butylbenzene
Concen: 58.642 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

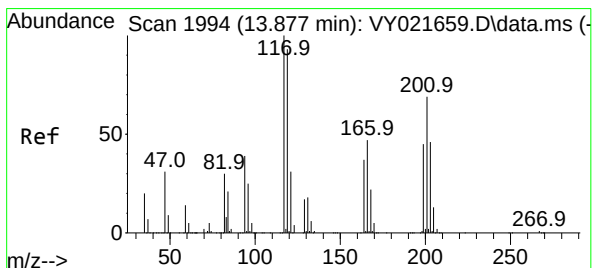
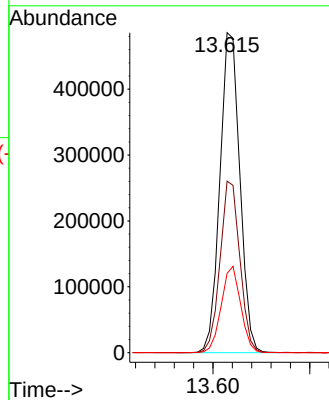
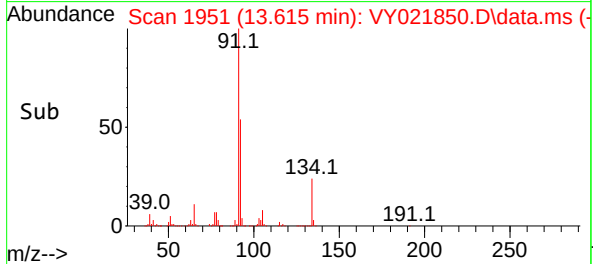
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 695112
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 26.4 12.8 38.4

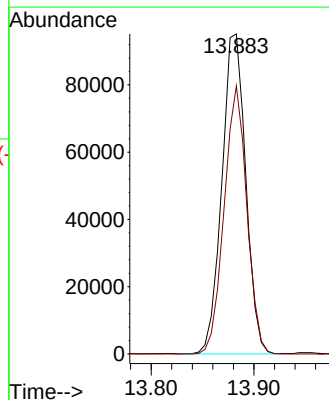
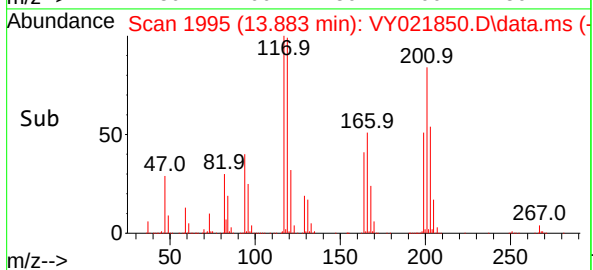
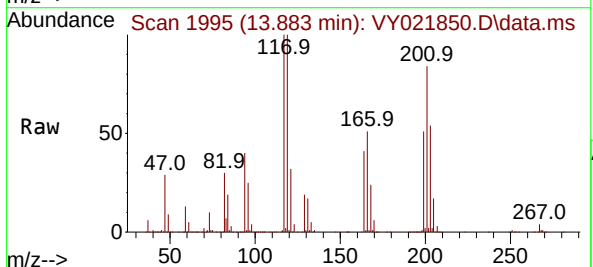
Manual Integrations
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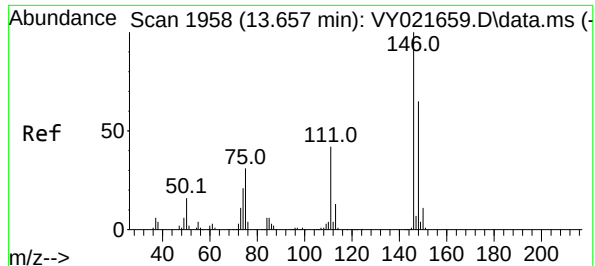
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#90
Hexachloroethane
Concen: 54.661 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion:117 Resp: 153528
Ion Ratio Lower Upper
117 100
201 79.4 37.4 112.1





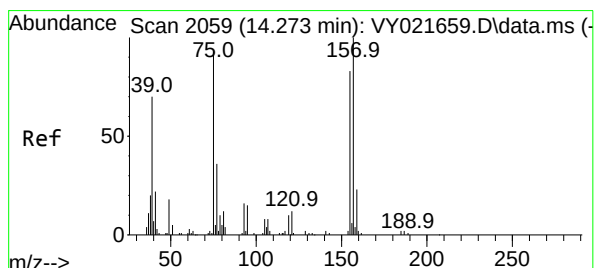
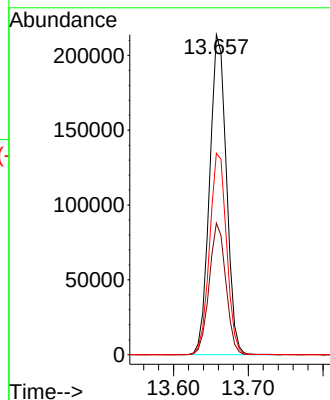
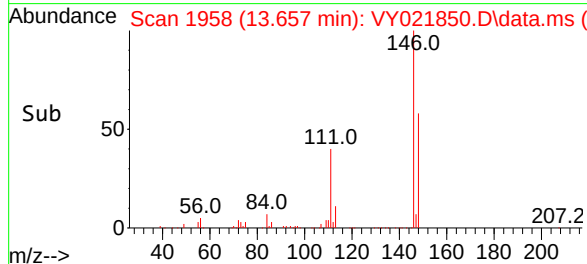
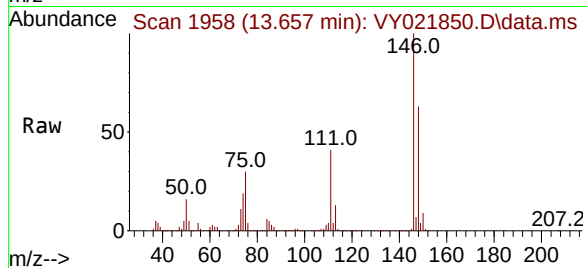
#91
1,2-Dichlorobenzene
Concen: 55.539 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 33338
Ion Ratio Lower Upper
146 100
111 40.7 20.7 62.1
148 63.7 32.3 96.9

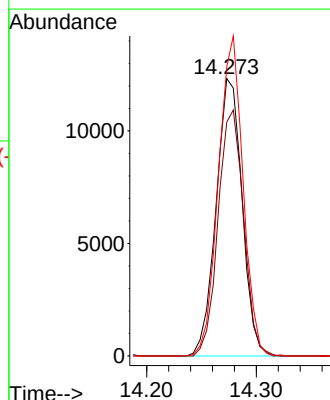
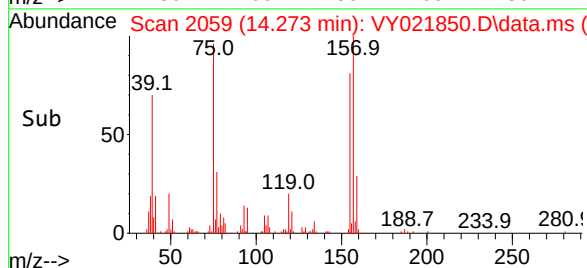
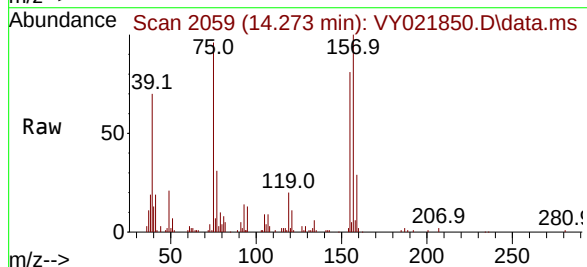
Manual Integrations
APPROVED

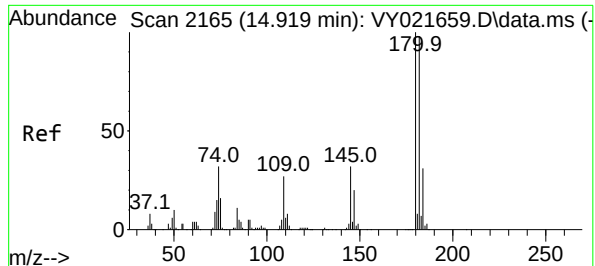
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.864 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 75 Resp: 20255
Ion Ratio Lower Upper
75 100
155 87.1 43.0 128.8
157 109.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 63.179 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 20566

Ion Ratio Lower Upper

180 100

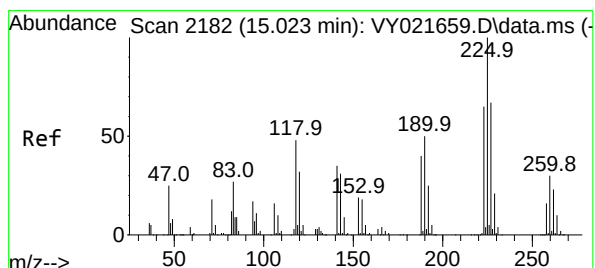
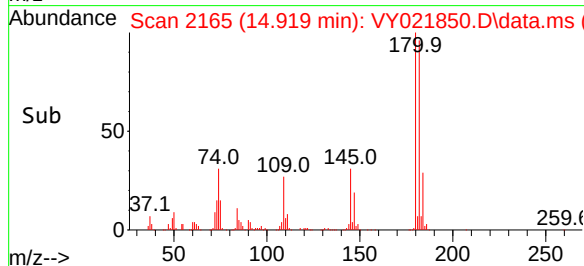
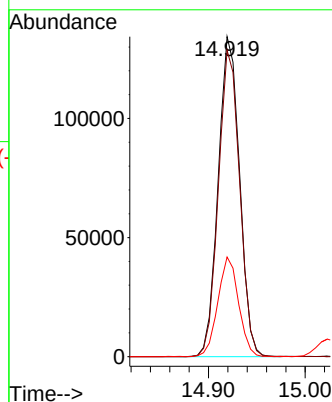
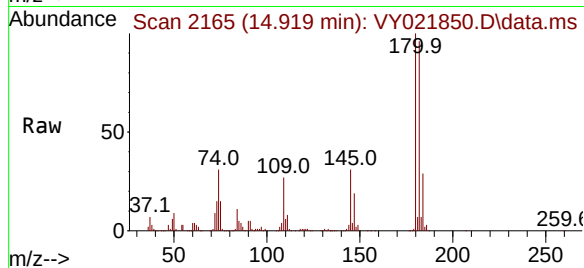
182 95.4 47.5 142.6

145 30.3 14.9 44.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#94

Hexachlorobutadiene

Concen: 64.378 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

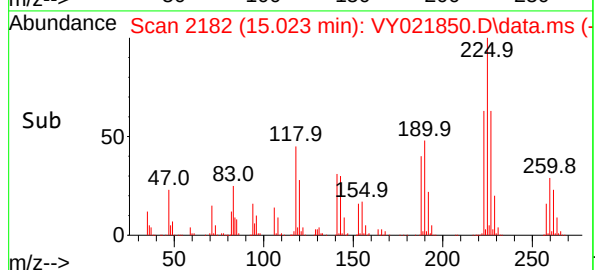
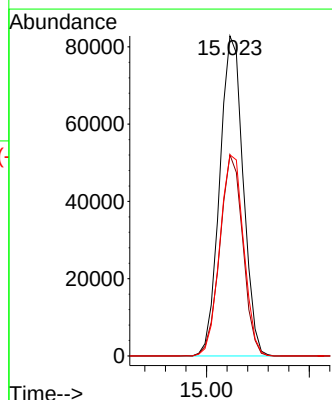
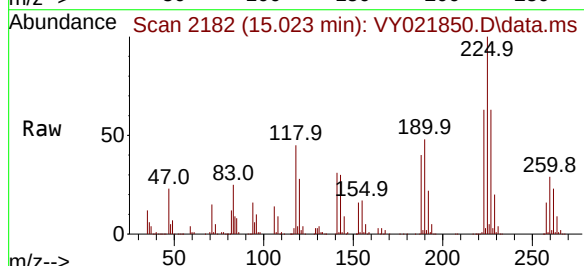
Tgt Ion:225 Resp: 130880

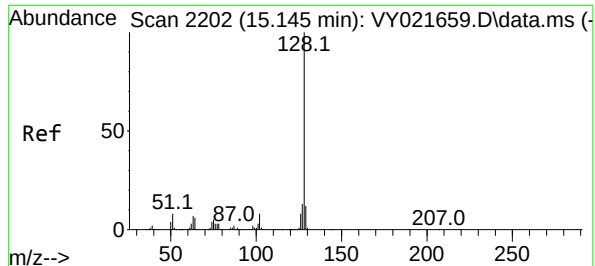
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.7

227 63.8 32.4 97.0





#95

Naphthalene

Concen: 63.159 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 340784

Ion Ratio Lower Upper

128 100

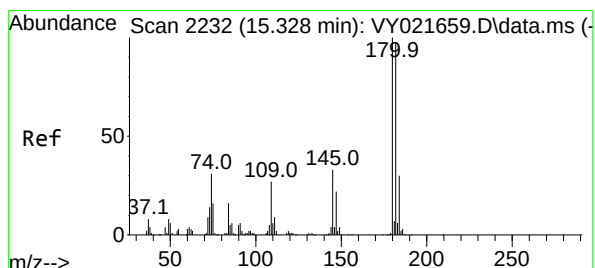
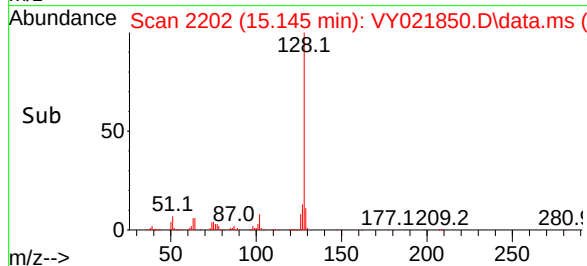
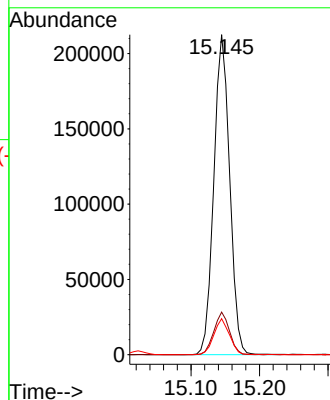
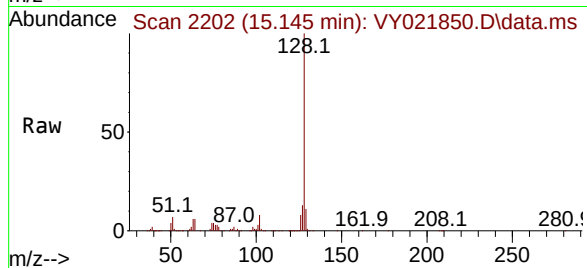
127 13.2 10.8 16.2

129 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#96

1,2,3-Trichlorobenzene

Concen: 62.357 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

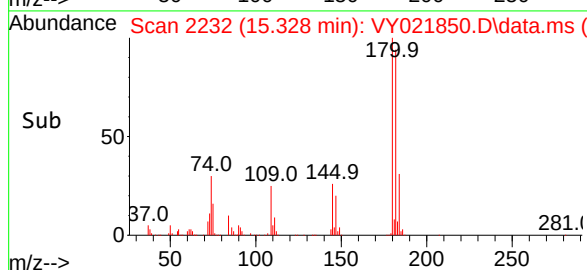
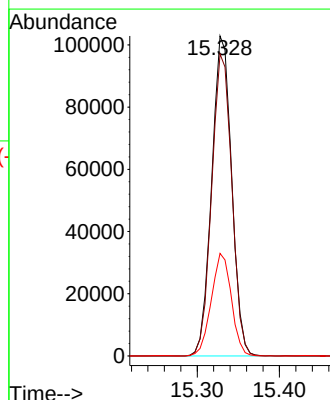
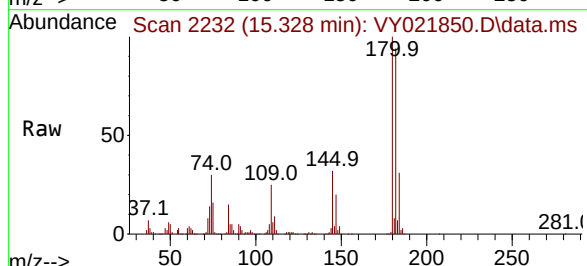
Tgt Ion:180 Resp: 173096

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.5

145 32.3 15.9 47.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021850.D
 Acq On : 11 Apr 2025 09:18
 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: Apr 12 02:44:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	125	0.00
2 T	Dichlorodifluoromethane	0.518	0.500	3.5	123	0.00
3 P	Chloromethane	0.729	0.591	18.9	107	0.00
4 C	Vinyl Chloride	0.824	0.724	12.1#	113	0.00
5 T	Bromomethane	0.562	0.463	17.6	113	0.00
6 T	Chloroethane	0.539	0.483	10.4	118	0.00
7 T	Trichlorofluoromethane	1.056	1.051	0.5	129	0.00
8 T	Diethyl Ether	0.287	0.281	2.1	127	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.581	-4.3	135	0.00
10 T	Methyl Iodide	0.611	0.720	-17.8	137	0.00
11 T	Tert butyl alcohol	0.035	0.029	17.1	107	0.00
12 CM	1,1-Dichloroethene	0.524	0.541	-3.2#	131	0.00
13 T	Acrolein	0.064	0.016	75.0#	32#	0.00
14 T	Allyl chloride	0.836	0.825	1.3	123	0.00
15 T	Acrylonitrile	0.120	0.108	10.0	111	0.00
16 T	Acetone	0.111	0.094	15.3	110	0.00
17 T	Carbon Disulfide	1.727	1.635	5.3	120	0.00
18 T	Methyl Acetate	0.275	0.290	-5.5	136	0.00
19 T	Methyl tert-butyl Ether	1.306	1.320	-1.1	124	0.00
20 T	Methylene Chloride	0.626	0.581	7.2	128	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.594	-2.9	131	0.00
22 T	Diisopropyl ether	1.754	1.752	0.1	121	0.00
23 T	Vinyl Acetate	1.026	0.940	8.4	110	0.00
24 P	1,1-Dichloroethane	1.049	1.065	-1.5	128	0.00
25 T	2-Butanone	0.158	0.139	12.0	109	0.00
26 T	2,2-Dichloropropane	0.933	0.976	-4.6	132	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.680	-4.8	130	0.00
28 T	Bromochloromethane	0.442	0.405	8.4	119	0.00
29 T	Tetrahydrofuran	0.102	0.089	12.7	105	0.00
30 C	Chloroform	1.091	1.112	-1.9#	128	0.00
31 T	Cyclohexane	0.956	0.919	3.9	125	0.00
32 T	1,1,1-Trichloroethane	0.986	1.021	-3.5	132	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.511	5.7	116	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	120	0.00
35 S	Dibromofluoromethane	0.324	0.349	-7.7	123	0.00
36 T	1,1-Dichloropropene	0.494	0.532	-7.7	127	0.00
37 T	Ethyl Acetate	0.233	0.214	8.2	109	0.00
38 T	Carbon Tetrachloride	0.566	0.635	-12.2	135	0.00
39 T	Methylcyclohexane	0.590	0.661	-12.0	128	0.00
40 TM	Benzene	1.479	1.585	-7.2	127	0.00
41 T	Methacrylonitrile	0.124	0.130	-4.8	114	-0.01
42 TM	1,2-Dichloroethane	0.417	0.424	-1.7	121	0.00
43 T	Isopropyl Acetate	0.442	0.421	4.8	112	0.00
44 TM	Trichloroethene	0.377	0.432	-14.6	138	0.00
45 C	1,2-Dichloropropane	0.350	0.373	-6.6#	127	0.00
46 T	Dibromomethane	0.202	0.207	-2.5	125	0.00
47 T	Bromodichloromethane	0.523	0.552	-5.5	126	0.00
48 T	Methyl methacrylate	0.203	0.204	-0.5	116	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021850.D
 Acq On : 11 Apr 2025 09:18
 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: Apr 12 02:44:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	120	0.00
50 S	Toluene-d8	1.234	1.339	-8.5	123	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.221	3.9	110	0.00
52 CM	Toluene	0.923	1.019	-10.4#	128	0.00
53 T	t-1,3-Dichloropropene	0.465	0.489	-5.2	121	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.585	-6.8	124	0.00
55 T	1,1,2-Trichloroethane	0.260	0.270	-3.8	124	0.00
56 T	Ethyl methacrylate	0.332	0.365	-9.9	120	0.00
57 T	1,3-Dichloropropane	0.449	0.468	-4.2	122	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.174	-7.4	116	0.00
59 T	2-Hexanone	0.153	0.146	4.6	107	0.00
60 T	Dibromochloromethane	0.355	0.384	-8.2	126	0.00
61 T	1,2-Dibromoethane	0.244	0.260	-6.6	123	0.00
62 S	4-Bromofluorobenzene	0.417	0.461	-10.6	126	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
64 T	Tetrachloroethene	0.455	0.571	-25.5#	149	0.00
65 PM	Chlorobenzene	1.146	1.268	-10.6	129	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.450	-10.6	128	0.00
67 C	Ethyl Benzene	1.965	2.263	-15.2#	130	0.00
68 T	m/p-Xylenes	0.753	0.863	-14.6	129	0.00
69 T	o-Xylene	0.695	0.813	-17.0	129	0.00
70 T	Styrene	1.158	1.347	-16.3	128	0.00
71 P	Bromoform	0.232	0.254	-9.5	125	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.00
73 T	Isopropylbenzene	3.714	4.282	-15.3	131	0.00
74 T	N-amyl acetate	0.872	0.871	0.1	111	0.00
75 P	1,1,2,2-Tetrachloroethane	0.668	0.611	8.5	109	0.00
76 T	1,2,3-Trichloropropane	0.496	0.497	-0.2	117	0.00
77 T	Bromobenzene	0.892	0.997	-11.8	131	0.00
78 T	n-propylbenzene	4.465	5.087	-13.9	129	0.00
79 T	2-Chlorotoluene	2.593	2.882	-11.1	127	0.00
80 T	1,3,5-Trimethylbenzene	3.035	3.476	-14.5	129	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.207	3.7	109	0.00
82 T	4-Chlorotoluene	2.704	2.983	-10.3	126	0.00
83 T	tert-Butylbenzene	2.703	3.127	-15.7	131	0.00
84 T	1,2,4-Trimethylbenzene	3.000	3.478	-15.9	130	0.00
85 T	sec-Butylbenzene	3.951	4.593	-16.2	131	0.00
86 T	p-Isopropyltoluene	3.265	3.890	-19.1	133	0.00
87 T	1,3-Dichlorobenzene	1.757	1.945	-10.7	130	0.00
88 T	1,4-Dichlorobenzene	1.736	1.895	-9.2	127	0.00
89 T	n-Butylbenzene	3.020	3.542	-17.3	130	0.00
90 T	Hexachloroethane	0.716	0.782	-9.2	129	0.00
91 T	1,2-Dichlorobenzene	1.529	1.699	-11.1	130	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.103	0.0	118	0.00
93 T	1,2,4-Trichlorobenzene	0.829	1.048	-26.4#	139	0.00
94 T	Hexachlorobutadiene	0.518	0.667	-28.8#	149	0.00
95 T	Naphthalene	1.375	1.736	-26.3#	135	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021850.D
Acq On : 11 Apr 2025 09:18
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: Apr 12 02:44:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 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	0.707	0.882	-24.8	138	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021850.D
 Acq On : 11 Apr 2025 09:18
 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: Apr 12 02:44:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	125	0.00
2 T	Dichlorodifluoromethane	50.000	48.224	3.6	123	0.00
3 P	Chloromethane	50.000	40.571	18.9	107	0.00
4 C	Vinyl Chloride	50.000	43.949	12.1#	113	0.00
5 T	Bromomethane	50.000	41.209	17.6	113	0.00
6 T	Chloroethane	50.000	44.767	10.5	118	0.00
7 T	Trichlorofluoromethane	50.000	49.760	0.5	129	0.00
8 T	Diethyl Ether	50.000	48.903	2.2	127	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.178	-4.4	135	0.00
10 T	Methyl Iodide	50.000	58.901	-17.8	137	0.00
11 T	Tert butyl alcohol	250.000	206.054	17.6	107	0.00
12 CM	1,1-Dichloroethene	50.000	51.574	-3.1#	131	0.00
13 T	Acrolein	250.000	62.939	74.8#	32	0.00
14 T	Allyl chloride	50.000	49.357	1.3	123	0.00
15 T	Acrylonitrile	250.000	225.299	9.9	111	0.00
16 T	Acetone	250.000	212.668	14.9	110	0.00
17 T	Carbon Disulfide	50.000	47.315	5.4	120	0.00
18 T	Methyl Acetate	50.000	52.695	-5.4	136	0.00
19 T	Methyl tert-butyl Ether	50.000	50.564	-1.1	124	0.00
20 T	Methylene Chloride	50.000	53.807	-7.6	128	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.439	-2.9	131	0.00
22 T	Diisopropyl ether	50.000	49.943	0.1	121	0.00
23 T	Vinyl Acetate	250.000	228.914	8.4	110	0.00
24 P	1,1-Dichloroethane	50.000	50.780	-1.6	128	0.00
25 T	2-Butanone	250.000	219.344	12.3	109	0.00
26 T	2,2-Dichloropropane	50.000	52.281	-4.6	132	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.336	-4.7	130	0.00
28 T	Bromochloromethane	50.000	45.778	8.4	119	0.00
29 T	Tetrahydrofuran	250.000	217.681	12.9	105	0.00
30 C	Chloroform	50.000	50.965	-1.9#	128	0.00
31 T	Cyclohexane	50.000	48.062	3.9	125	0.00
32 T	1,1,1-Trichloroethane	50.000	51.783	-3.6	132	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.156	5.7	116	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	120	0.00
35 S	Dibromofluoromethane	50.000	53.781	-7.6	123	0.00
36 T	1,1-Dichloropropene	50.000	53.794	-7.6	127	0.00
37 T	Ethyl Acetate	50.000	45.920	8.2	109	0.00
38 T	Carbon Tetrachloride	50.000	56.078	-12.2	135	0.00
39 T	Methylcyclohexane	50.000	55.995	-12.0	128	0.00
40 TM	Benzene	50.000	53.575	-7.2	127	0.00
41 T	Methacrylonitrile	50.000	52.519	-5.0	114	-0.01
42 TM	1,2-Dichloroethane	50.000	50.800	-1.6	121	0.00
43 T	Isopropyl Acetate	50.000	47.628	4.7	112	0.00
44 TM	Trichloroethene	50.000	57.313	-14.6	138	0.00
45 C	1,2-Dichloropropane	50.000	53.274	-6.5#	127	0.00
46 T	Dibromomethane	50.000	51.350	-2.7	125	0.00
47 T	Bromodichloromethane	50.000	52.785	-5.6	126	0.00
48 T	Methyl methacrylate	50.000	50.338	-0.7	116	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021850.D
 Acq On : 11 Apr 2025 09:18
 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: Apr 12 02:44:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	1031.494	-3.1	120	0.00
50 S	Toluene-d8	50.000	54.265	-8.5	123	0.00
51 T	4-Methyl-2-Pentanone	250.000	239.815	4.1	110	0.00
52 CM	Toluene	50.000	55.170	-10.3#	128	0.00
53 T	t-1,3-Dichloropropene	50.000	52.583	-5.2	121	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.414	-6.8	124	0.00
55 T	1,1,2-Trichloroethane	50.000	52.065	-4.1	124	0.00
56 T	Ethyl methacrylate	50.000	55.069	-10.1	120	0.00
57 T	1,3-Dichloropropane	50.000	52.163	-4.3	122	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	268.689	-7.5	116	0.00
59 T	2-Hexanone	250.000	239.043	4.4	107	0.00
60 T	Dibromochloromethane	50.000	54.139	-8.3	126	0.00
61 T	1,2-Dibromoethane	50.000	53.364	-6.7	123	0.00
62 S	4-Bromofluorobenzene	50.000	55.227	-10.5	126	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	117	0.00
64 T	Tetrachloroethene	50.000	62.690	-25.4#	149	0.00
65 PM	Chlorobenzene	50.000	55.307	-10.6	129	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.366	-10.7	128	0.00
67 C	Ethyl Benzene	50.000	57.580	-15.2#	130	0.00
68 T	m/p-Xylenes	100.000	114.707	-14.7	129	0.00
69 T	o-Xylene	50.000	58.511	-17.0	129	0.00
70 T	Styrene	50.000	58.165	-16.3	128	0.00
71 P	Bromoform	50.000	54.645	-9.3	125	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	0.00
73 T	Isopropylbenzene	50.000	57.648	-15.3	131	0.00
74 T	N-amyl acetate	50.000	49.969	0.1	111	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.724	8.6	109	0.00
76 T	1,2,3-Trichloropropane	50.000	50.175	-0.3	117	0.00
77 T	Bromobenzene	50.000	55.923	-11.8	131	0.00
78 T	n-propylbenzene	50.000	56.973	-13.9	129	0.00
79 T	2-Chlorotoluene	50.000	55.564	-11.1	127	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.261	-14.5	129	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.127	3.7	109	0.00
82 T	4-Chlorotoluene	50.000	55.178	-10.4	126	0.00
83 T	tert-Butylbenzene	50.000	57.834	-15.7	131	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.973	-15.9	130	0.00
85 T	sec-Butylbenzene	50.000	58.131	-16.3	131	0.00
86 T	p-Isopropyltoluene	50.000	59.571	-19.1	133	0.00
87 T	1,3-Dichlorobenzene	50.000	55.345	-10.7	130	0.00
88 T	1,4-Dichlorobenzene	50.000	54.580	-9.2	127	0.00
89 T	n-Butylbenzene	50.000	58.642	-17.3	130	0.00
90 T	Hexachloroethane	50.000	54.661	-9.3	129	0.00
91 T	1,2-Dichlorobenzene	50.000	55.539	-11.1	130	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.864	0.3	118	0.00
93 T	1,2,4-Trichlorobenzene	50.000	63.179	-26.4#	139	0.00
94 T	Hexachlorobutadiene	50.000	64.378	-28.8#	149	0.00
95 T	Naphthalene	50.000	63.159	-26.3#	135	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021850.D
Acq On : 11 Apr 2025 09:18
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: Apr 12 02:44:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 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	62.357	-24.7	138	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



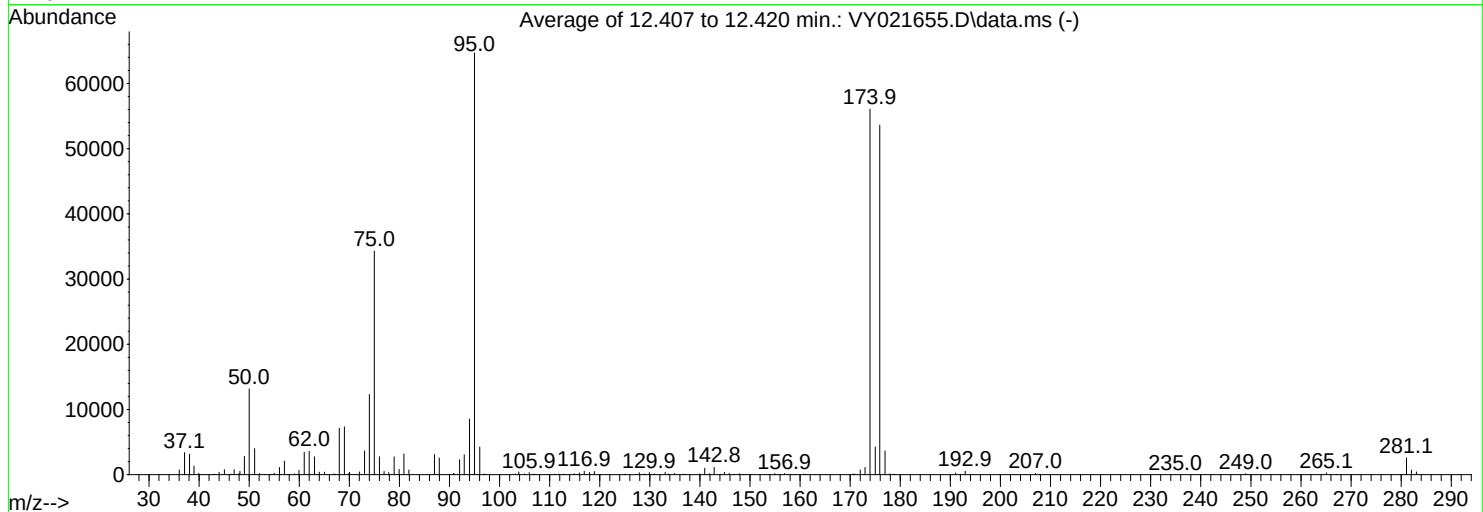
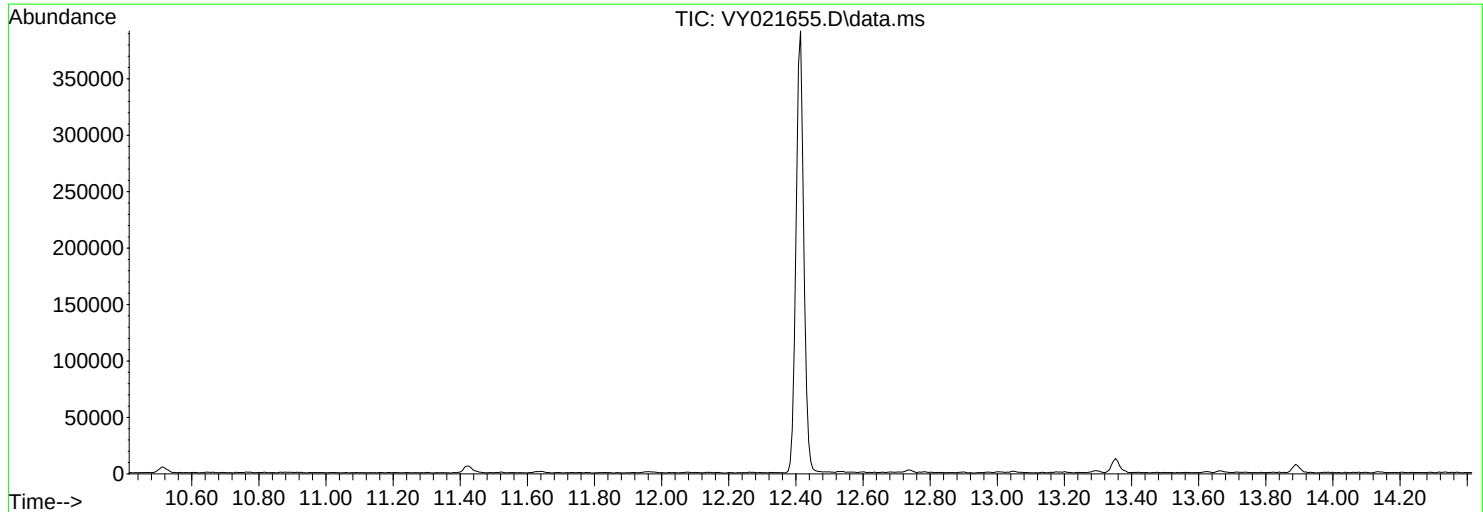
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021655.D
Acq On : 27 Mar 2025 09:23
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\82Y032725S.M
Title : SW846 8260
Last Update : Fri Mar 28 02:30:29 2025



AutoFind: Scans 1753, 1754, 1755; Background Corrected with Scan 1744

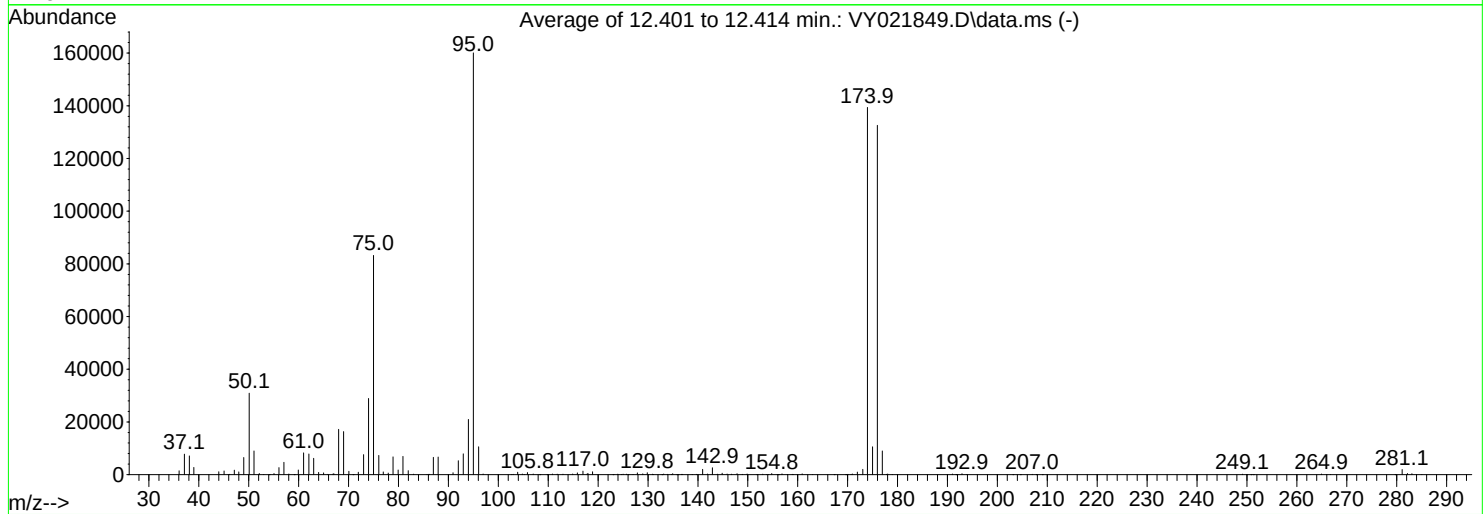
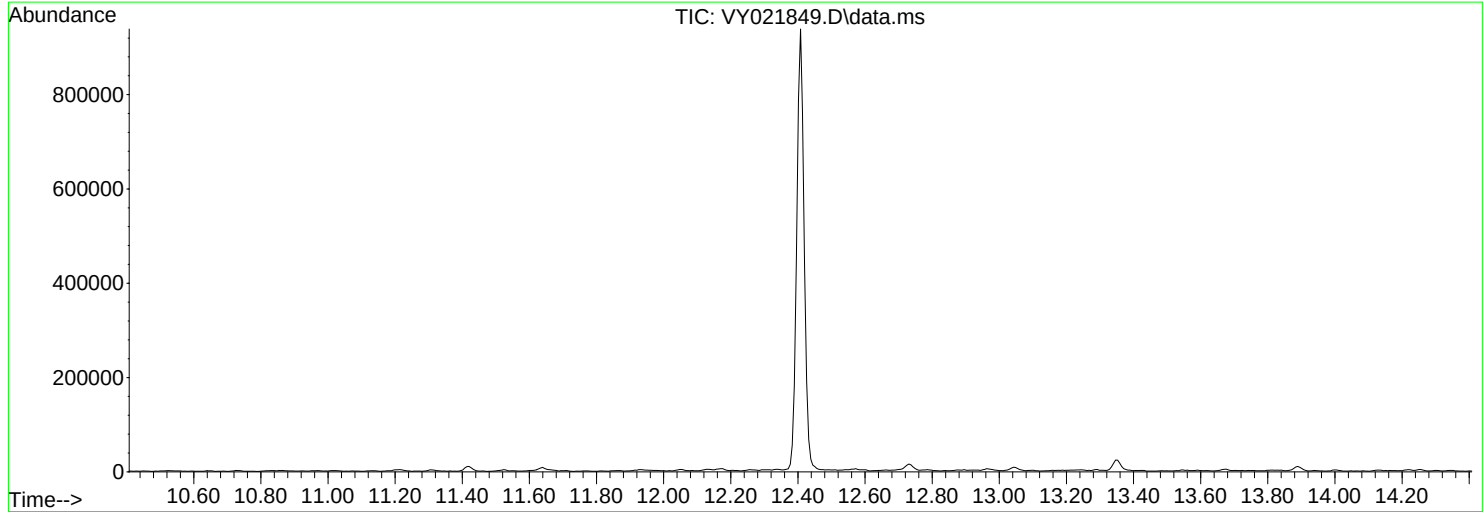
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.4	13171	PASS
75	95	30	60	53.0	34296	PASS
95	95	100	100	100.0	64701	PASS
96	95	5	9	6.5	4216	PASS
173	174	0.00	2	2.0	1112	PASS
174	95	50	100	86.7	56080	PASS
175	174	5	9	7.6	4256	PASS
176	174	95	101	95.6	53624	PASS
177	176	5	9	6.8	3635	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021849.D
Acq On : 11 Apr 2025 08:46
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\82Y032725S.M
Title : SW846 8260
Last Update : Fri Mar 28 02:30:29 2025



AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1743

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.3	30925	PASS
75	95	30	60	52.0	83200	PASS
95	95	100	100	100.0	160096	PASS
96	95	5	9	6.6	10593	PASS
173	174	0.00	2	1.4	1977	PASS
174	95	50	100	87.0	139347	PASS
175	174	5	9	7.6	10569	PASS
176	174	95	101	95.1	132568	PASS
177	176	5	9	6.8	8980	PASS

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBL01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBL01	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
VY021851.D	1		04/11/25 11:35	VY041125

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:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBL01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021851.D	1		04/11/25 11:35	VY041125

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	47.0		70 (63) - 130 (155)	94%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		70 (70) - 130 (134)	98%	SPK: 50
2037-26-5	Toluene-d8	47.4		70 (74) - 130 (123)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.1		70 (38) - 130 (136)	78%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	321000	7.713			
540-36-3	1,4-Difluorobenzene	580000	8.615			
3114-55-4	Chlorobenzene-d5	478000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	175000	13.352			



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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBL01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021851.D	1		04/11/25 11:35	VY041125

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\VY041125\
 Data File : VY021851.D
 Acq On : 11 Apr 2025 11:35
 Operator : SY/MD
 Sample : VY0411SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBL01

Quant Time: Apr 12 02:45:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	321354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	579974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	477999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	174550	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	163798	47.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.080%
35) Dibromofluoromethane	7.634	113	185078	49.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.380%
50) Toluene-d8	10.109	98	678908	47.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.860%
62) 4-Bromofluorobenzene	12.407	95	189286	39.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.200%

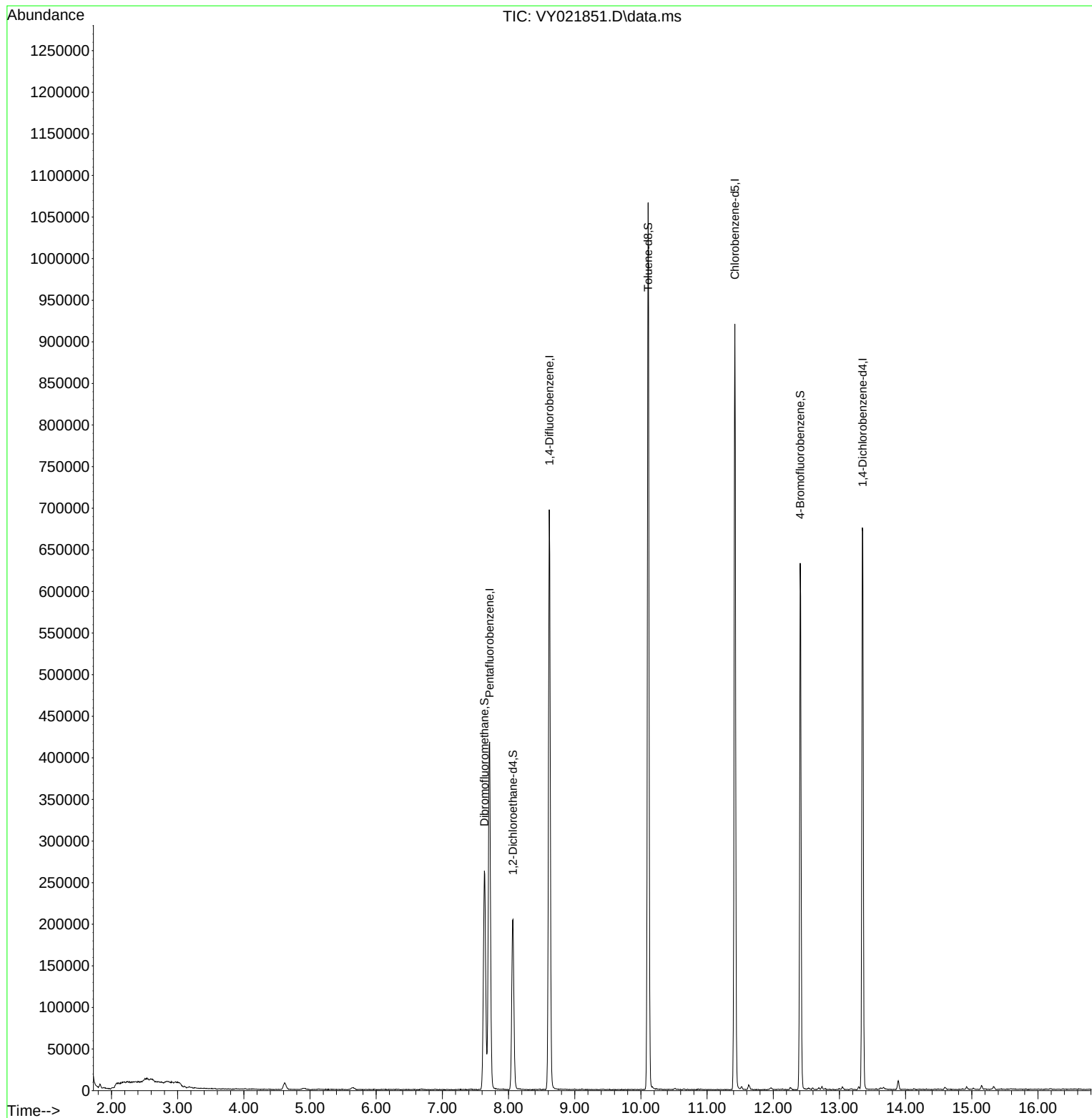
Target Compounds	Qvalue

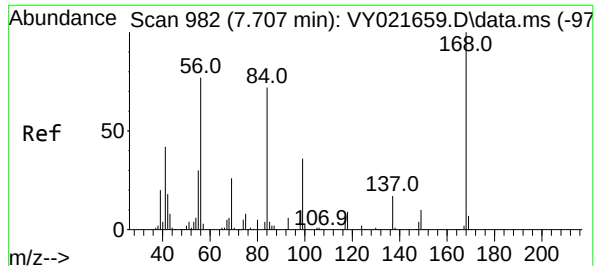
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021851.D
Acq On : 11 Apr 2025 11:35
Operator : SY/MD
Sample : VY0411SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Quant Time: Apr 12 02:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

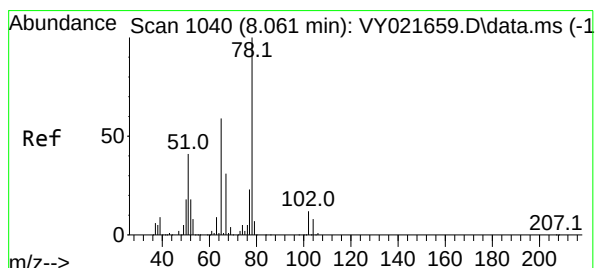
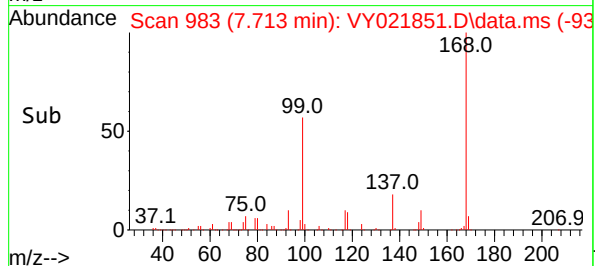
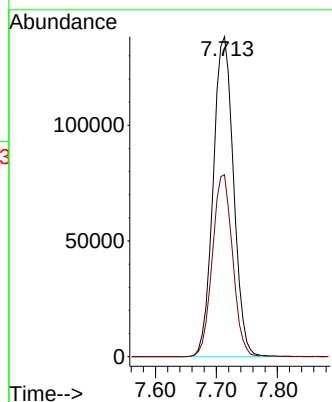
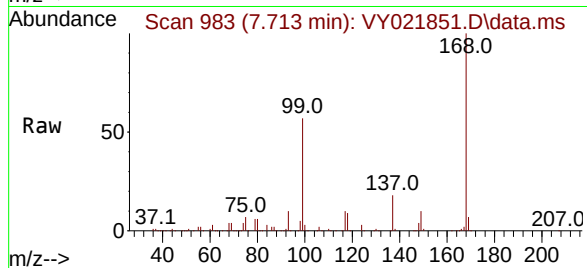




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

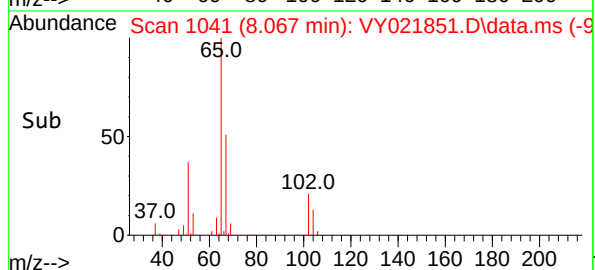
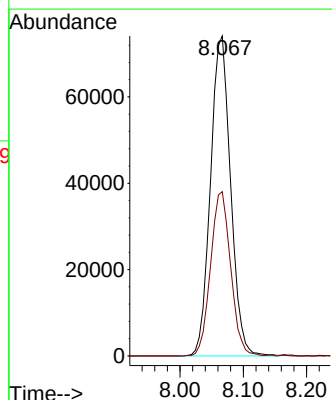
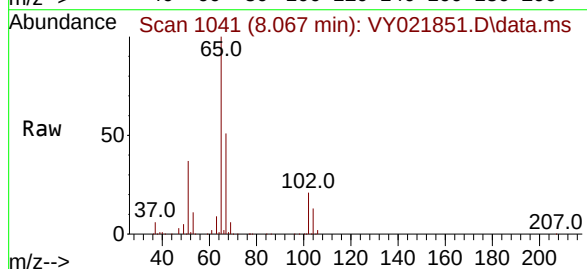
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

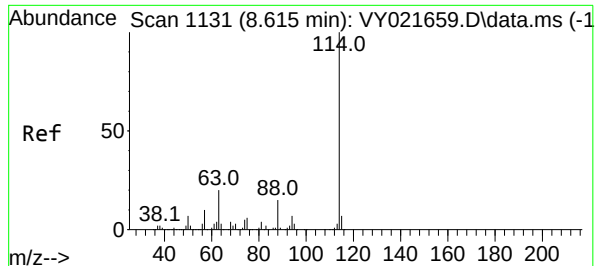
Tgt Ion:168 Resp: 321354
Ion Ratio Lower Upper
168 100
99 56.8 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 47.044 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

Tgt Ion: 65 Resp: 163798
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021851.D

Acq: 11 Apr 2025 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBL01

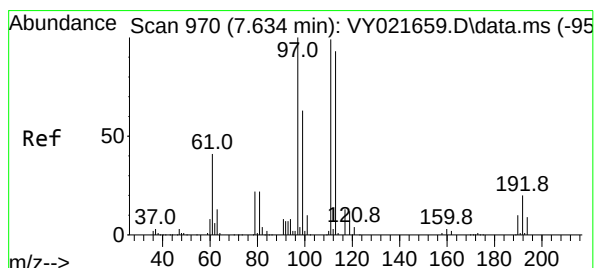
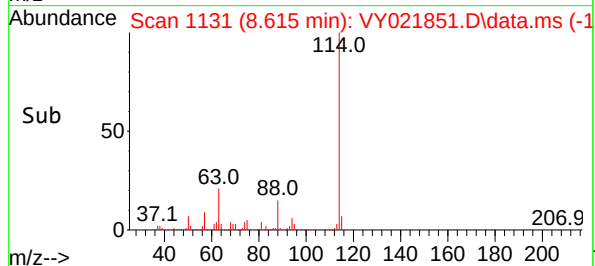
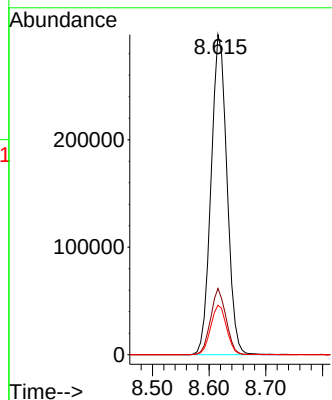
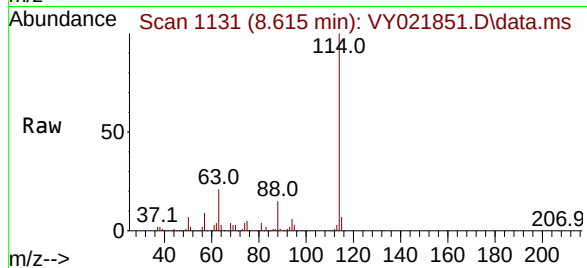
Tgt Ion:114 Resp: 579974

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 15.5 0.0 29.8



#35

Dibromofluoromethane

Concen: 49.194 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021851.D

Acq: 11 Apr 2025 11:35

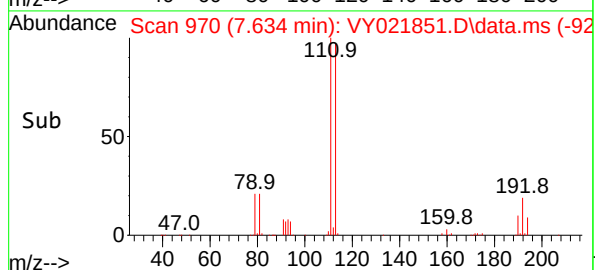
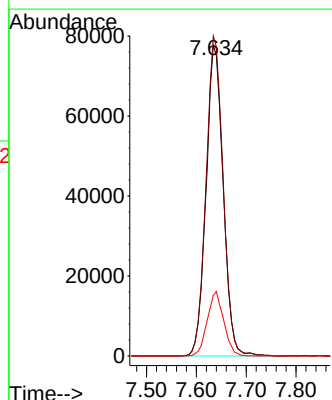
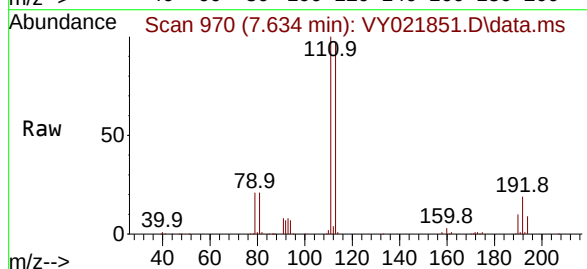
Tgt Ion:113 Resp: 185078

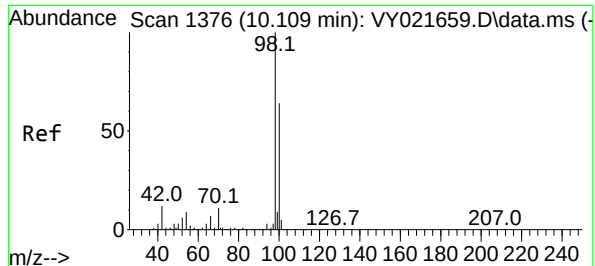
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 20.0 16.2 24.4





#50

Toluene-d8

Concen: 47.435 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021851.D

Acq: 11 Apr 2025 11:35

Instrument :

MSVOA_Y

ClientSampleId :

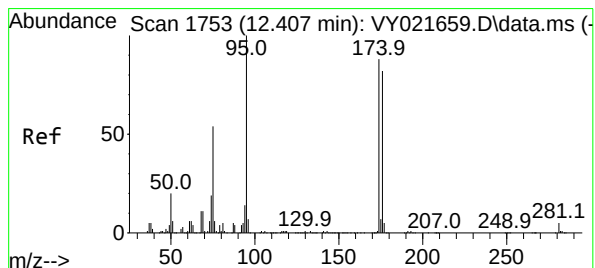
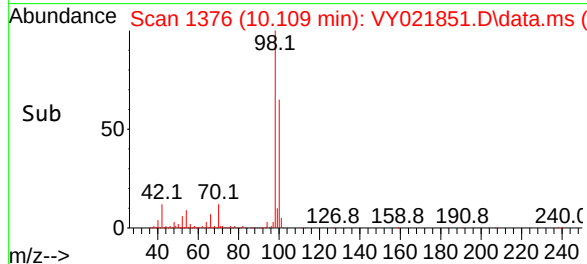
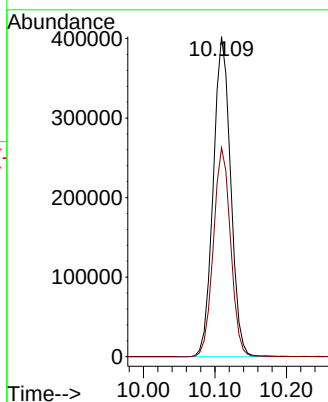
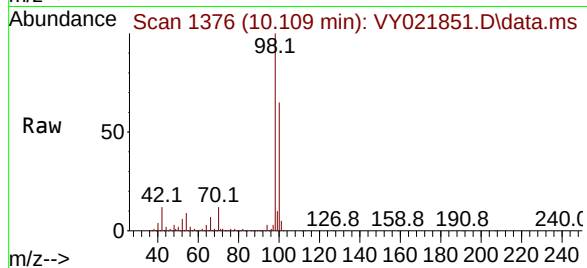
VY0411SBL01

Tgt Ion: 98 Resp: 678908

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 39.099 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021851.D

Acq: 11 Apr 2025 11:35

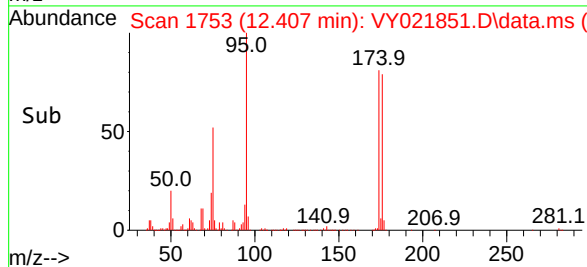
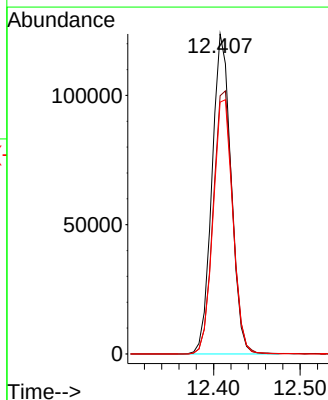
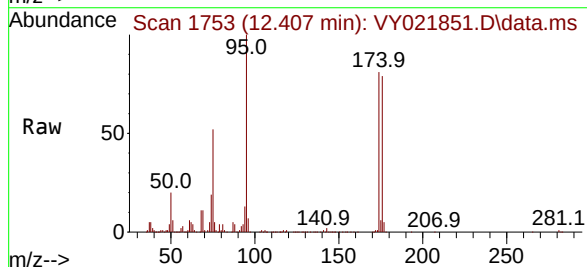
Tgt Ion: 95 Resp: 189286

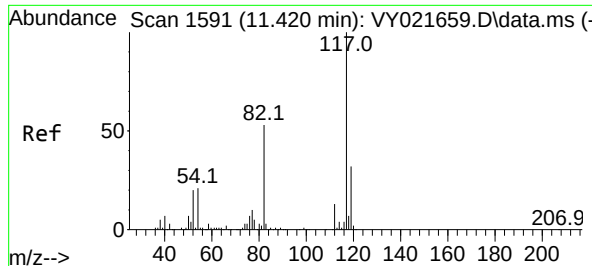
Ion Ratio Lower Upper

95 100

174 84.8 0.0 170.8

176 81.7 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021851.D

Acq: 11 Apr 2025 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBL01

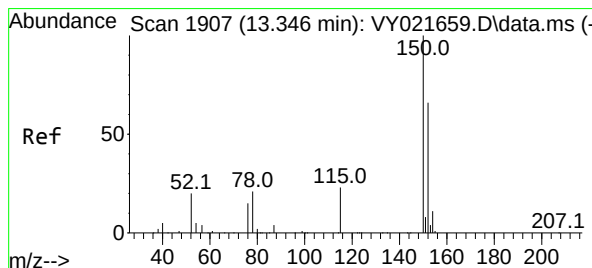
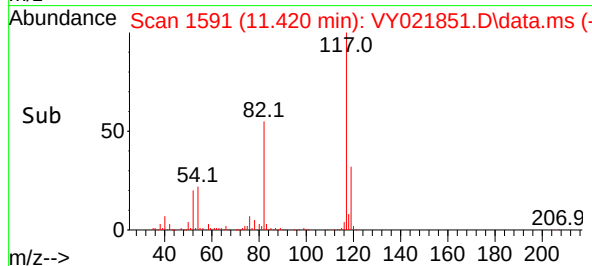
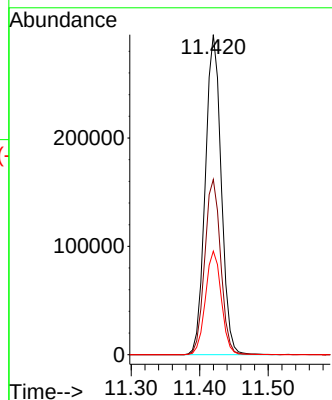
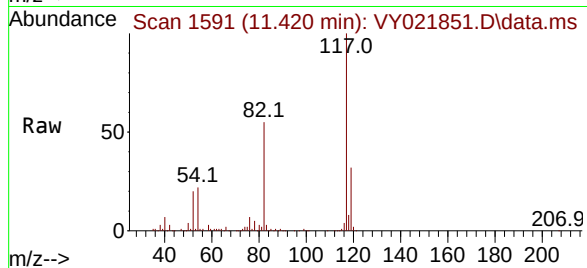
Tgt Ion:117 Resp: 477999

Ion Ratio Lower Upper

117 100

82 54.8 42.8 64.2

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021851.D

Acq: 11 Apr 2025 11:35

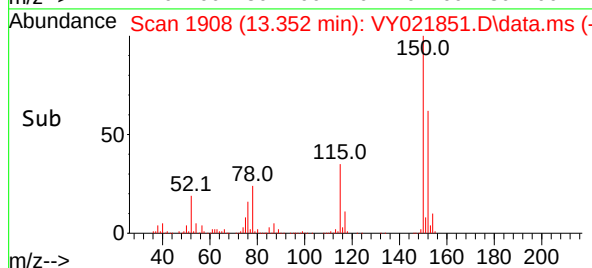
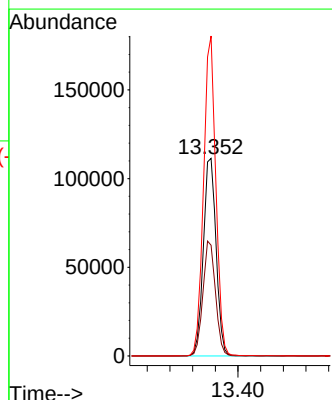
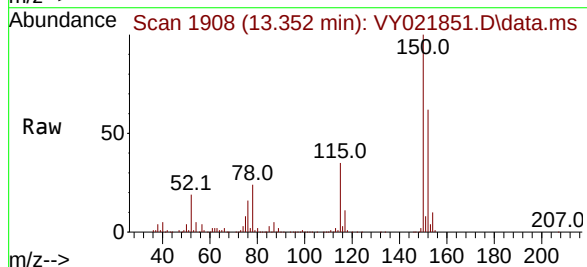
Tgt Ion:152 Resp: 174550

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 155.5 0.0 348.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021851.D
Acq On : 11 Apr 2025 11:35
Operator : SY/MD
Sample : VY0411SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

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\82Y032725S.M

Title : SW846 8260

Signal : TIC: VY021851.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	466	475	485	rBV4	8002	23227	1.29%	0.265%
2	7.634	961	970	976	rBV	262818	621888	34.48%	7.084%
3	7.713	976	983	994	rVB	416671	967826	53.66%	11.024%
4	8.067	1030	1041	1052	rBV	204614	464921	25.78%	5.296%
5	8.615	1121	1131	1145	rBV	697303	1360201	75.42%	15.493%
6	10.109	1368	1376	1385	rBV	1065866	1803588	100.00%	20.544%
7	11.420	1583	1591	1603	rBV	920013	1490961	82.67%	16.983%
8	12.407	1746	1753	1763	rBV	632880	985592	54.65%	11.226%
9	13.346	1901	1907	1918	rVB	674977	1061129	58.83%	12.087%

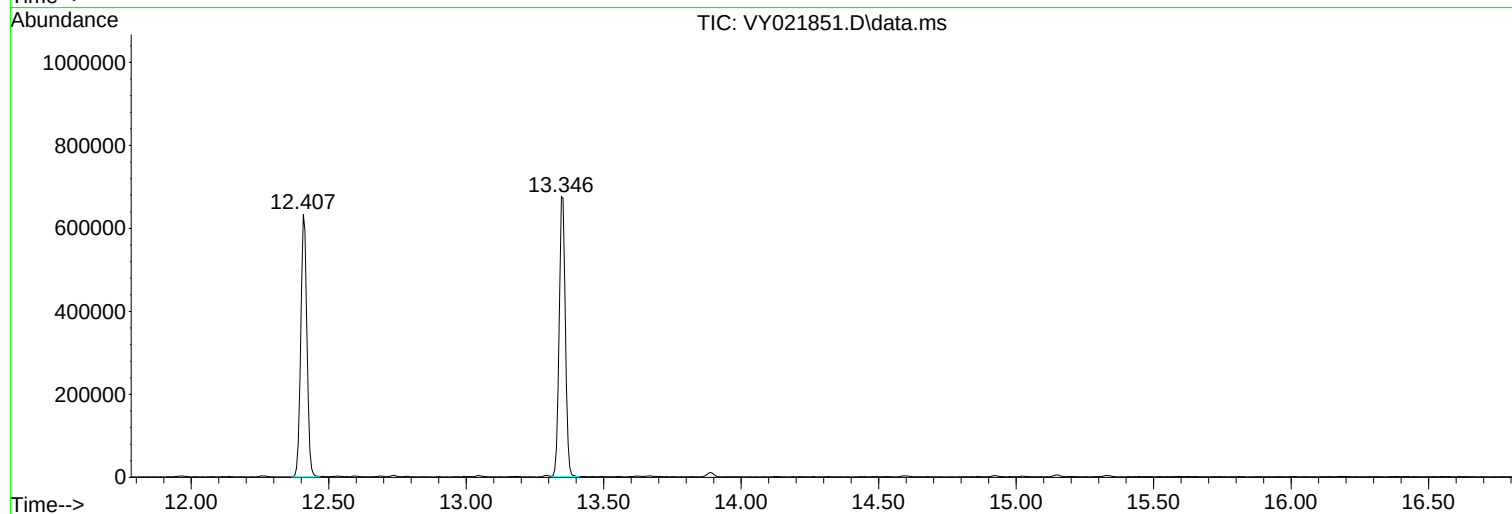
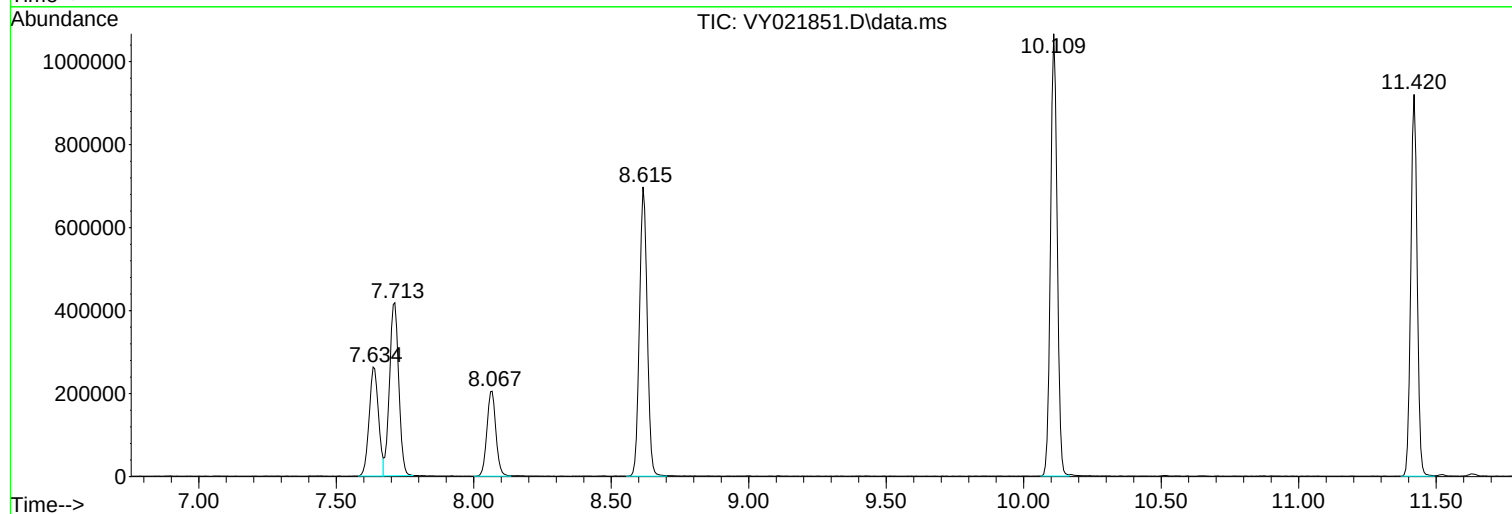
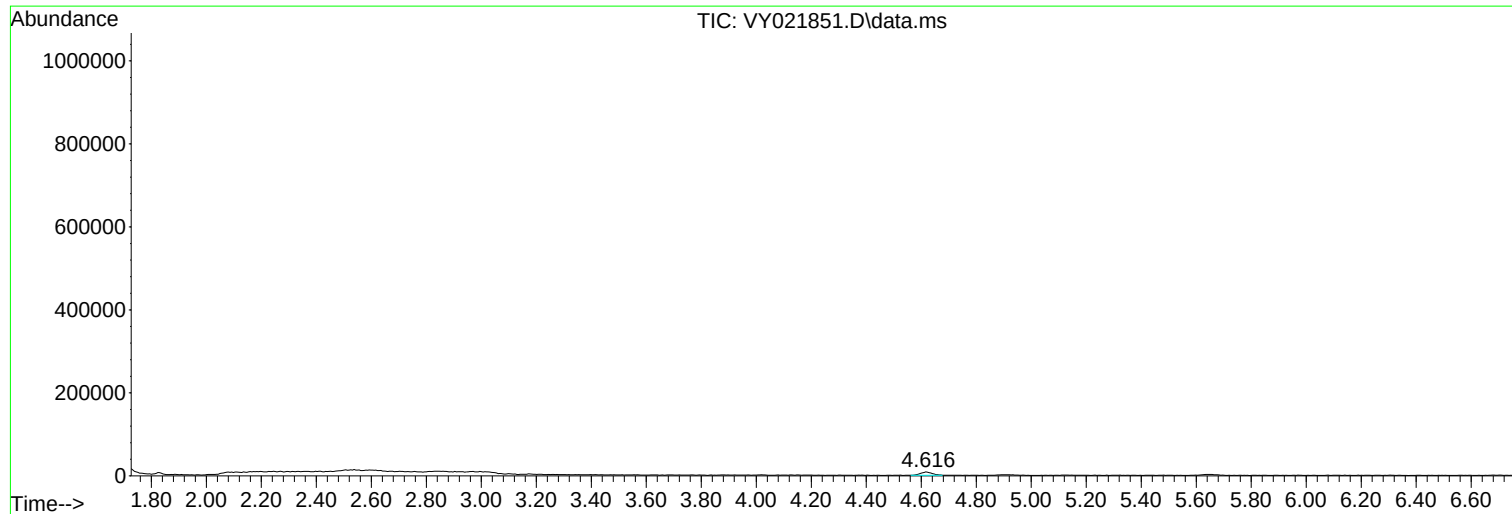
Sum of corrected areas: 8779333

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021851.D
Acq On : 11 Apr 2025 11:35
Operator : SY/MD
Sample : VY0411SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021851.D
Acq On : 11 Apr 2025 11:35
Operator : SY/MD
Sample : VY0411SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.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\VY041125\
Data File : VY021851.D
Acq On : 11 Apr 2025 11:35
Operator : SY/MD
Sample : VY0411SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBS01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBS01	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
VY021852.D	1		04/11/25 12:06	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	17.7		1.10	5.00	ug/Kg
74-87-3	Chloromethane	17.5		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	17.2		0.79	5.00	ug/Kg
74-83-9	Bromomethane	18.9		1.10	5.00	ug/Kg
75-00-3	Chloroethane	18.0		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	18.6		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	19.1		1.00	5.00	ug/Kg
67-64-1	Acetone	100		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	17.4		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	20.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	20.1		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	18.9		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	19.7		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	17.9		0.79	5.00	ug/Kg
78-93-3	2-Butanone	95.3		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.7		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.9		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	19.7		1.20	5.00	ug/Kg
67-66-3	Chloroform	19.7		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.6		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	18.8		0.91	5.00	ug/Kg
71-43-2	Benzene	19.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	19.8		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	19.8		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	19.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.0		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	97.2		3.60	25.0	ug/Kg
108-88-3	Toluene	20.1		0.78	5.00	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBS01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBS01	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
VY021852.D	1		04/11/25 12:06	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.4		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.9		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.1		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	97.2		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.3		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.4		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	22.1		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	19.8		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.5		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.5		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.0		0.82	5.00	ug/Kg
100-42-5	Styrene	19.8		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.4		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.0		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	17.9		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.4		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.5		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.1		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	20.9		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.1		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	21.4		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		70 (63) - 130 (155)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	53.2		70 (70) - 130 (134)	106%	SPK: 50
2037-26-5	Toluene-d8	53.8		70 (74) - 130 (123)	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.3		70 (38) - 130 (136)	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	262000	7.707			
540-36-3	1,4-Difluorobenzene	412000	8.616			
3114-55-4	Chlorobenzene-d5	368000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	190000	13.347			



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

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Stockton		Date Received:	
Client Sample ID:	VY0411SBS01		SDG No.:	Q1761
Lab Sample ID:	VY0411SBS01		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
VY021852.D	1		04/11/25 12:06	VY041125

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\VY041125\
 Data File : VY021852.D
 Acq On : 11 Apr 2025 12:06
 Operator : SY/MD
 Sample : VY0411SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025

Quant Time: Apr 12 02:46:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	261639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	412441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	367570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	190311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148170	52.269	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.540%			
35) Dibromofluoromethane	7.634	113	142257	53.172	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.340%			
50) Toluene-d8	10.109	98	547864	53.827	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.660%			
62) 4-Bromofluorobenzene	12.408	95	190322	55.282	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	47931	17.675	ug/l	100
3) Chloromethane	2.068	50	66874	17.537	ug/l	96
4) Vinyl Chloride	2.202	62	73984	17.156	ug/l	100
5) Bromomethane	2.592	94	55650	18.921	ug/l	92
6) Chloroethane	2.733	64	50881	18.031	ug/l	97
7) Trichlorofluoromethane	3.056	101	102701	18.591	ug/l	99
8) Diethyl Ether	3.458	74	29060	19.344	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	56995	19.562	ug/l	99
10) Methyl Iodide	4.007	142	65715	20.559	ug/l	99
11) Tert butyl alcohol	4.866	59	17296	93.935	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	52342	19.073	ug/l	97
13) Acrolein	3.653	56	17310	51.486	ug/l	98
14) Allyl chloride	4.385	41	81064	18.526	ug/l	98
15) Acrylonitrile	5.061	53	60829	96.976	ug/l	100
16) Acetone	3.879	43	58163	100.252	ug/l	97
17) Carbon Disulfide	4.104	76	157086	17.379	ug/l	99
18) Methyl Acetate	4.391	43	29819	20.738	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	135524	19.835	ug/l	98
20) Methylene Chloride	4.610	84	63577	20.080	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	57161	18.917	ug/l	95
22) Diisopropyl ether	6.019	45	177421	19.329	ug/l	99
23) Vinyl Acetate	5.964	43	503378	93.744	ug/l	97
24) 1,1-Dichloroethane	5.915	63	107900	19.659	ug/l	99
25) 2-Butanone	6.896	43	78937	95.259	ug/l	100
26) 2,2-Dichloropropane	6.890	77	95824	19.627	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	67782	19.948	ug/l	97
28) Bromochloromethane	7.244	49	45578	19.691	ug/l	95
29) Tetrahydrofuran	7.262	42	49850	93.472	ug/l	97
30) Chloroform	7.421	83	112631	19.730	ug/l	96
31) Cyclohexane	7.701	56	89585	17.905	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	100880	19.552	ug/l	99
36) 1,1-Dichloropropene	7.835	75	77267	18.961	ug/l	98
37) Ethyl Acetate	6.988	43	36325	18.888	ug/l	100
38) Carbon Tetrachloride	7.817	117	91970	19.705	ug/l	99
39) Methylcyclohexane	9.109	83	91679	18.832	ug/l	98
40) Benzene	8.079	78	240011	19.667	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021852.D
 Acq On : 11 Apr 2025 12:06
 Operator : SY/MD
 Sample : VY0411SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025

Quant Time: Apr 12 02:46:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	19246m	18.843	ug/l	
42) 1,2-Dichloroethane	8.158	62	68214	19.827	ug/l	99
43) Isopropyl Acetate	8.201	43	69884	19.174	ug/l #	85
44) Trichloroethene	8.866	130	61686	19.838	ug/l	94
45) 1,2-Dichloropropane	9.140	63	56361	19.511	ug/l	98
46) Dibromomethane	9.231	93	31831	19.119	ug/l	97
47) Bromodichloromethane	9.426	83	86291	20.003	ug/l	97
48) Methyl methacrylate	9.219	41	31606	18.895	ug/l	98
49) 1,4-Dioxane	9.237	88	7141	400.396	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	184332	97.188	ug/l	100
52) Toluene	10.170	92	152947	20.087	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	74193	19.363	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	89915	19.891	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	43135	20.133	ug/l	96
56) Ethyl methacrylate	10.438	69	53948	19.720	ug/l	97
57) 1,3-Dichloropropane	10.719	76	75191	20.321	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	136203	102.058	ug/l	98
59) 2-Hexanone	10.762	43	122817	97.231	ug/l	100
60) Dibromochloromethane	10.914	129	59311	20.276	ug/l	99
61) 1,2-Dibromoethane	11.018	107	41010	20.405	ug/l	99
64) Tetrachloroethene	10.646	164	73872	22.066	ug/l	98
65) Chlorobenzene	11.444	112	166748	19.790	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	59523	19.911	ug/l	98
67) Ethyl Benzene	11.518	91	281537	19.485	ug/l	100
68) m/p-Xylenes	11.627	106	218365	39.468	ug/l	99
69) o-Xylene	11.957	106	102058	19.983	ug/l	99
70) Styrene	11.969	104	168475	19.785	ug/l	99
71) Bromoform	12.133	173	34728	20.365	ug/l #	99
73) Isopropylbenzene	12.255	105	267864	18.950	ug/l	99
74) N-amyl acetate	12.072	43	60183	18.142	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	45580	17.935	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	38417m	20.364	ug/l	
77) Bromobenzene	12.536	156	65230	19.220	ug/l	99
78) n-propylbenzene	12.597	91	326537	19.215	ug/l	100
79) 2-Chlorotoluene	12.682	91	186879	18.933	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	224041	19.393	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	14546	17.767	ug/l	99
82) 4-Chlorotoluene	12.780	91	195026	18.953	ug/l	98
83) tert-Butylbenzene	12.999	119	193537	18.809	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	225265	19.729	ug/l	99
85) sec-Butylbenzene	13.176	105	288462	19.183	ug/l	99
86) p-Isopropyltoluene	13.292	119	240050	19.314	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	129499	19.367	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	128644	19.473	ug/l	96
89) n-Butylbenzene	13.621	91	215648	18.762	ug/l	100
90) Hexachloroethane	13.883	117	51012	18.730	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	117128	20.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8235	20.907	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	66752	21.147	ug/l	99
94) Hexachlorobutadiene	15.023	225	41048	20.822	ug/l	99
95) Naphthalene	15.145	128	108783	20.792	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	57607	21.402	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021852.D
Acq On : 11 Apr 2025 12:06
Operator : SY/MD
Sample : VY0411SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

Quant Time: Apr 12 02:46:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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

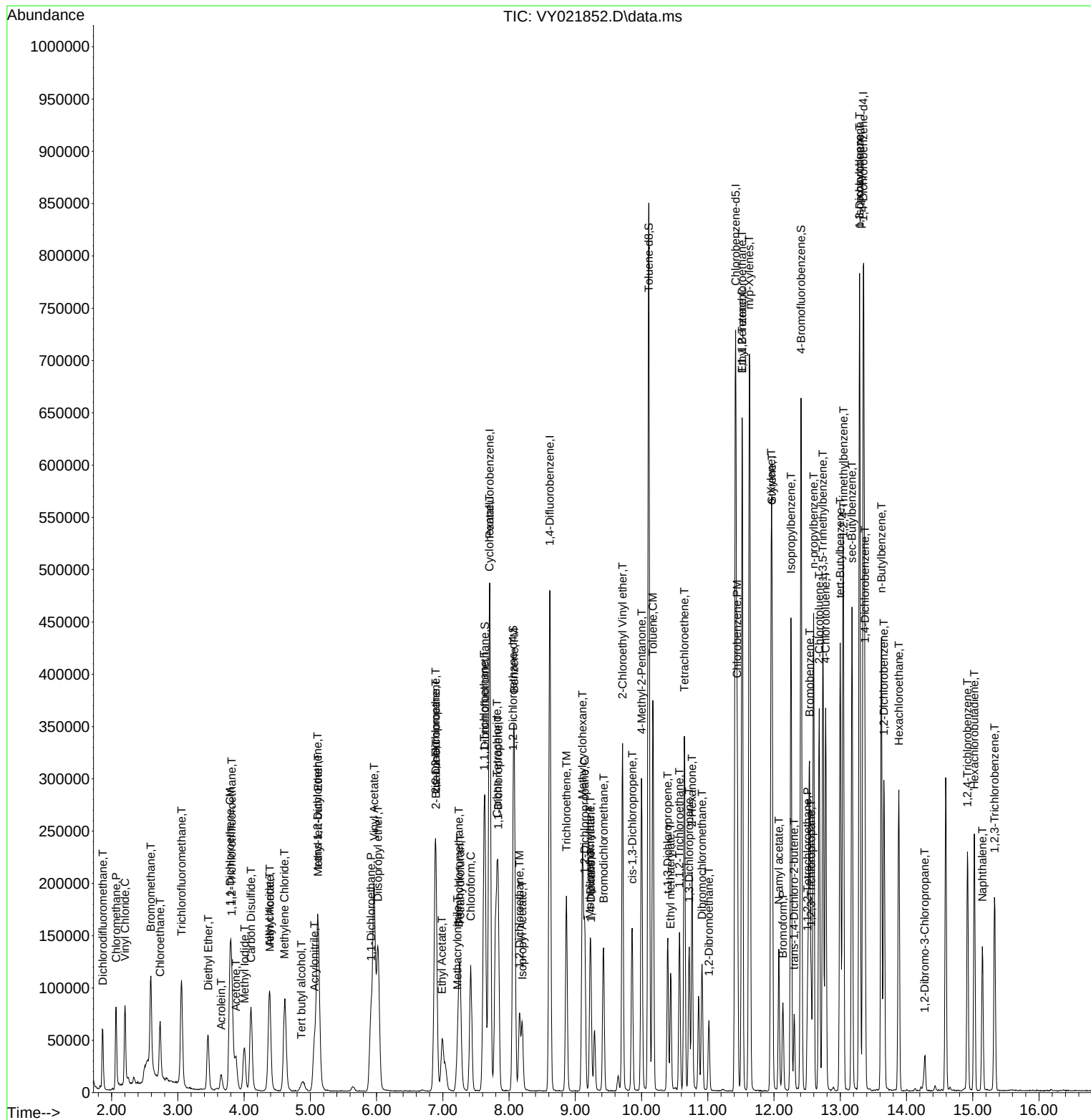
(#) = qualifier out of range (m) = manual integration (+) = signals summed

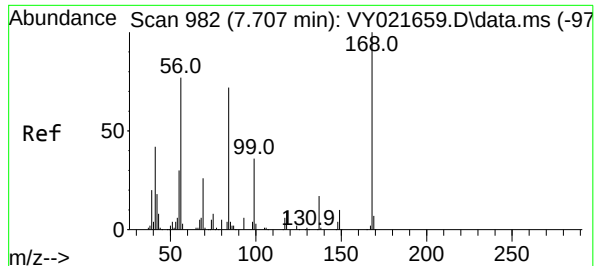
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Quant Time: Apr 12 02:46:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Manual Integrations

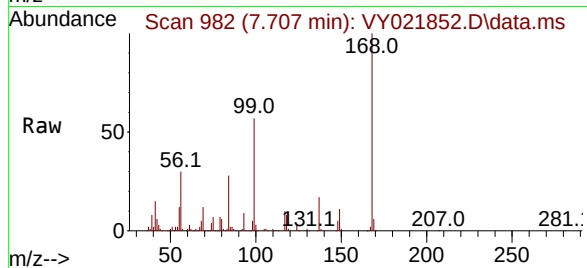
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

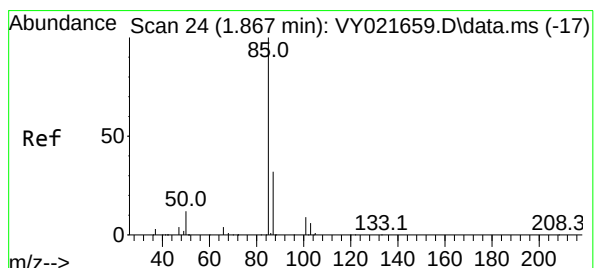
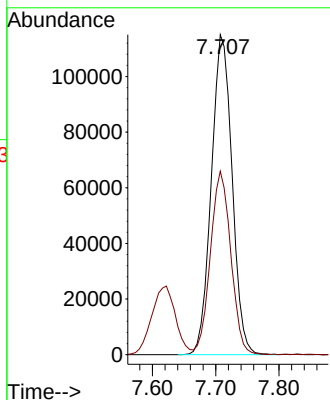
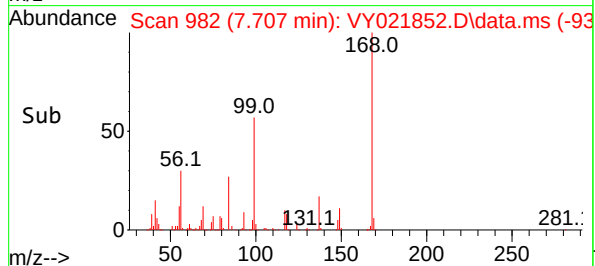
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



Tgt Ion: 168 Resp: 261639
Ion Ratio Lower Upper
168 100
99 57.3 46.7 70.1

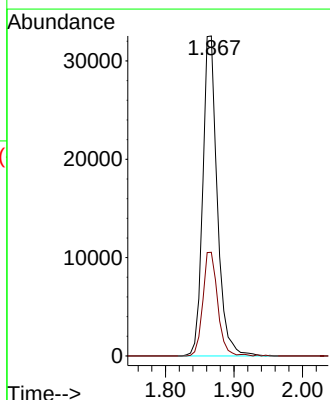
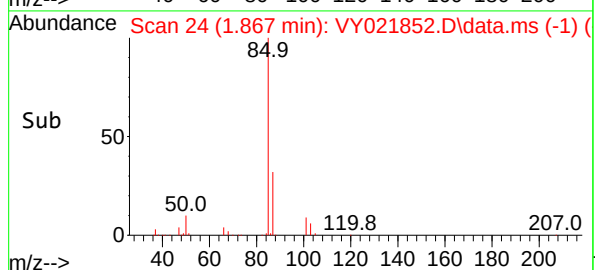
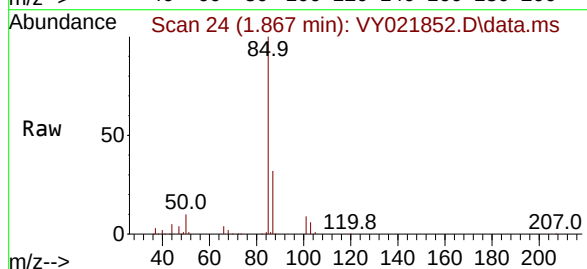
Manual Integrations
APPROVED

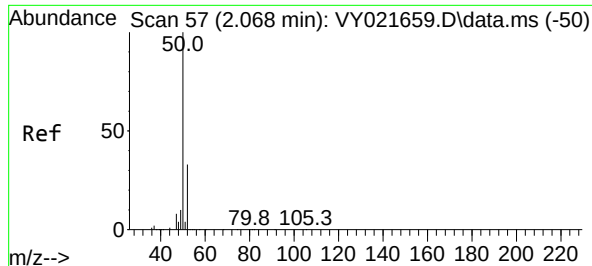
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#2
Dichlorodifluoromethane
Concen: 17.675 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

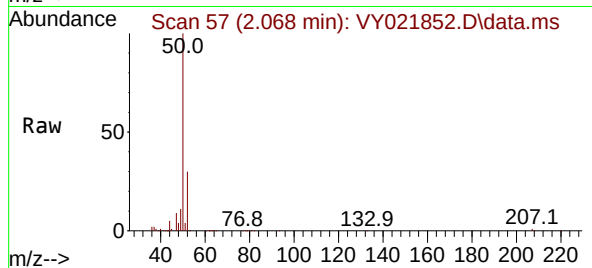
Tgt Ion: 85 Resp: 47931
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3
Chloromethane
Concen: 17.537 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

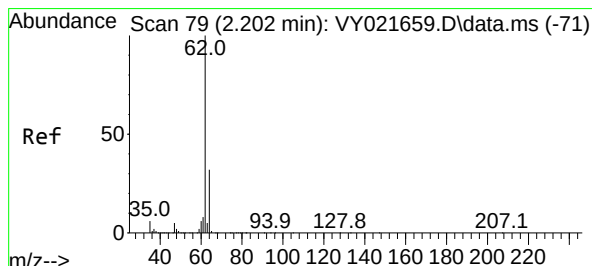
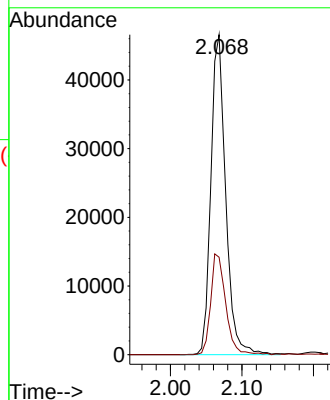
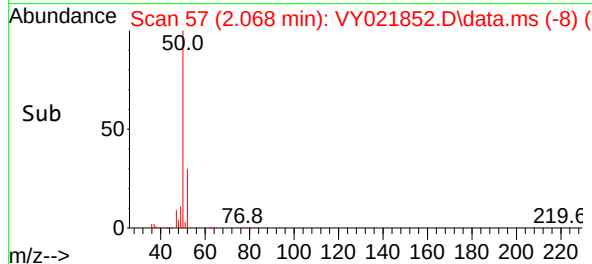
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



Tgt Ion: 50 Resp: 66874
Ion Ratio Lower Upper
50 100
52 30.5 26.3 39.5

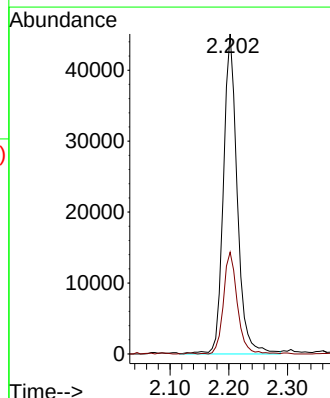
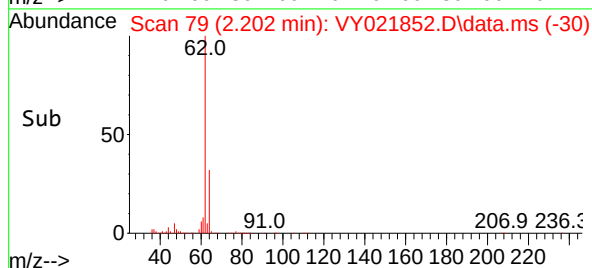
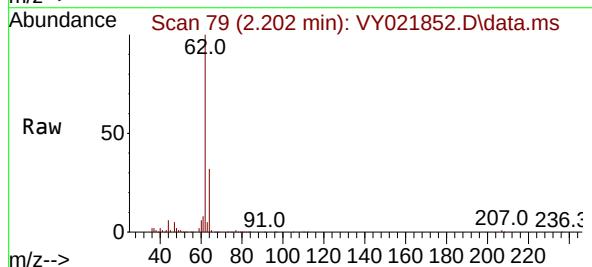
Manual Integrations
APPROVED

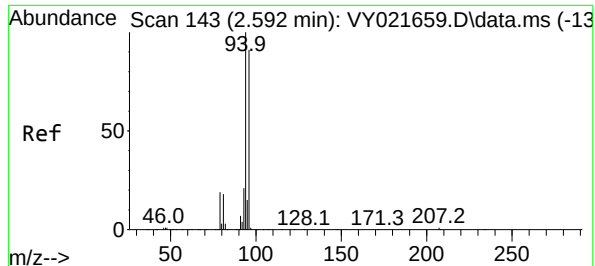
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#4
Vinyl Chloride
Concen: 17.156 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

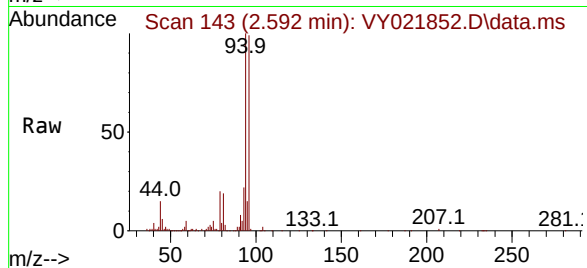
Tgt Ion: 62 Resp: 73984
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3





#5
Bromomethane
Concen: 18.921 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

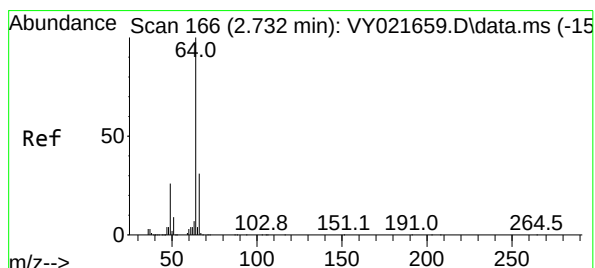
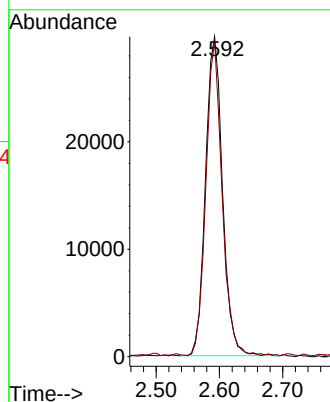
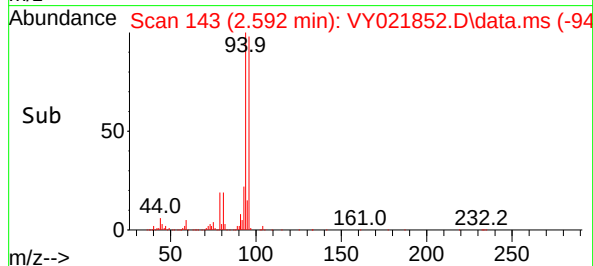
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



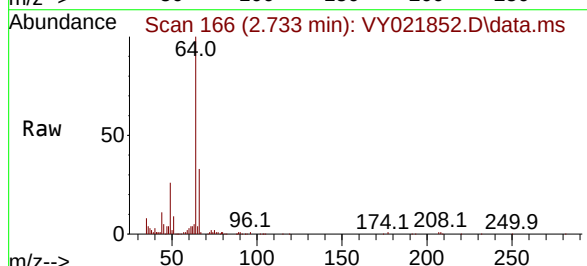
Tgt Ion: 94 Resp: 55650
Ion Ratio Lower Upper
94 100
96 98.5 72.8 109.2

Manual Integrations
APPROVED

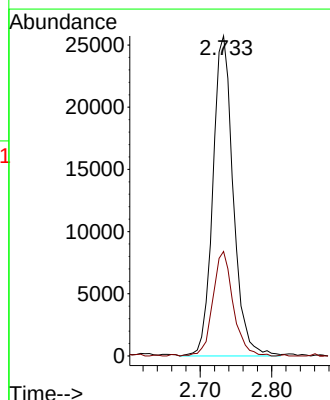
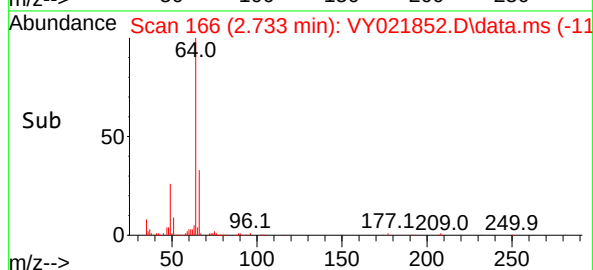
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

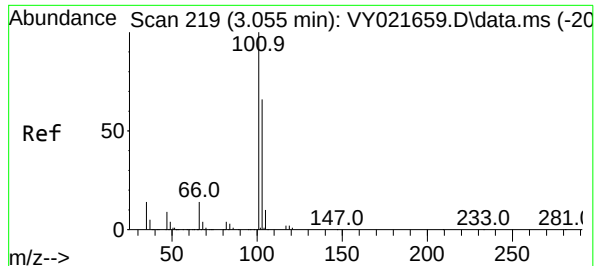


#6
Chloroethane
Concen: 18.031 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06



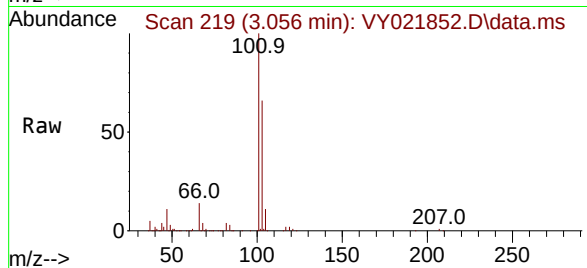
Tgt Ion: 64 Resp: 50881
Ion Ratio Lower Upper
64 100
66 32.7 24.9 37.3





#7
 Trichlorofluoromethane
 Concen: 18.591 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021852.D
 Acq: 11 Apr 2025 12:06

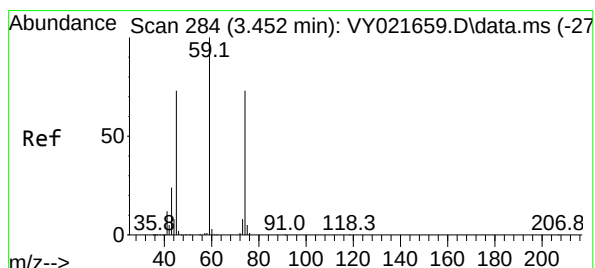
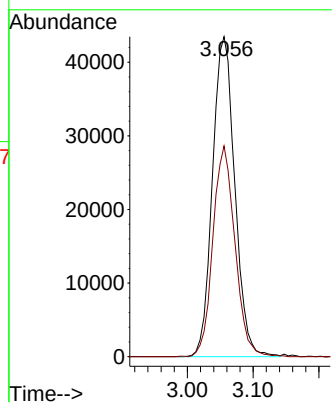
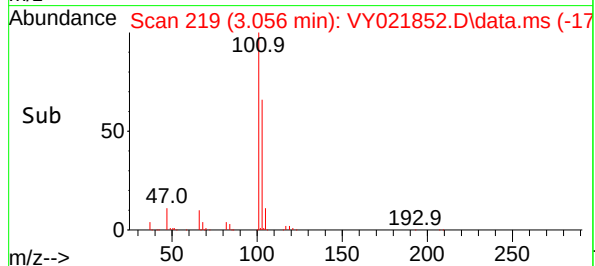
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01



Tgt Ion: 101 Resp: 10270
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.1 79.7

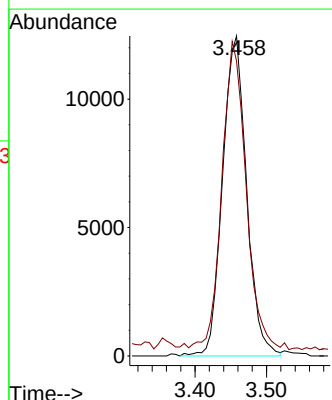
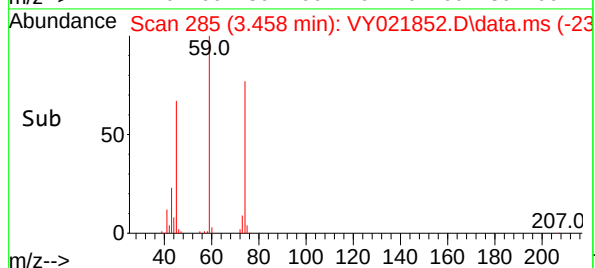
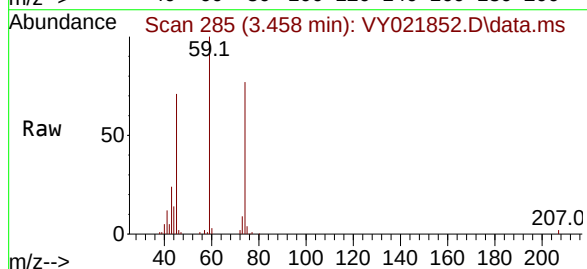
Manual Integrations
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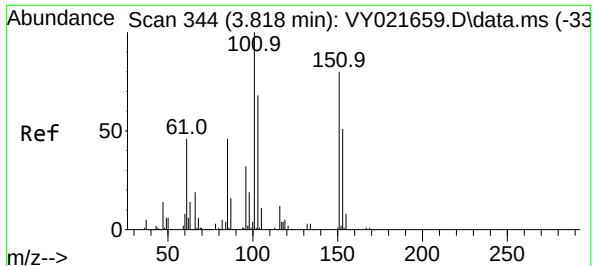
Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#8
 Diethyl Ether
 Concen: 19.344 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021852.D
 Acq: 11 Apr 2025 12:06

Tgt Ion: 74 Resp: 29060
 Ion Ratio Lower Upper
 74 100
 45 95.7 48.6 145.8





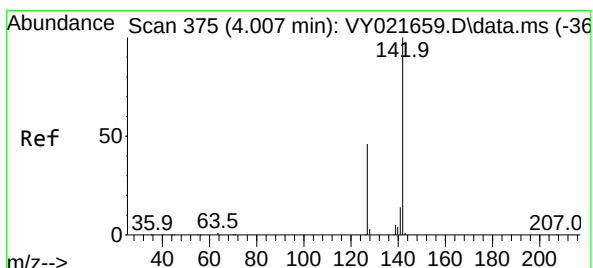
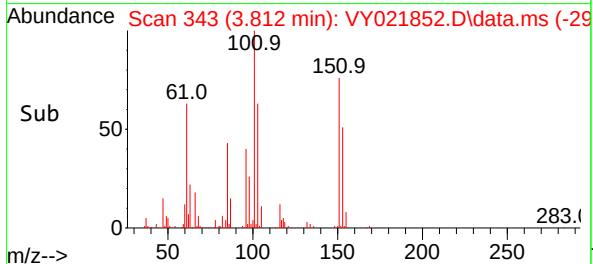
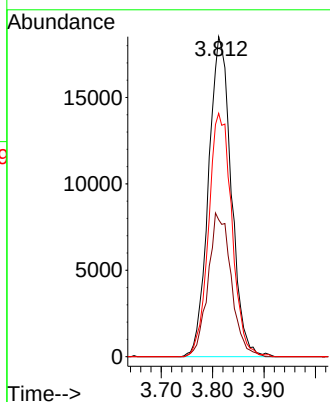
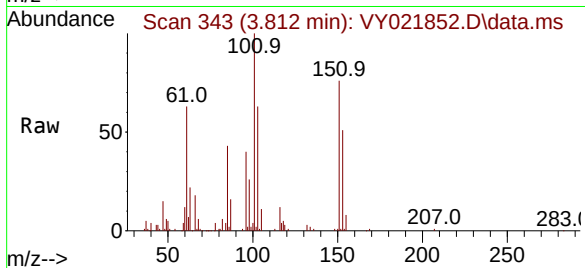
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.562 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Tgt Ion:101 Resp: 5699
Ion Ratio Lower Upper
101 100
85 45.6 36.3 54.5
151 77.7 61.3 91.9

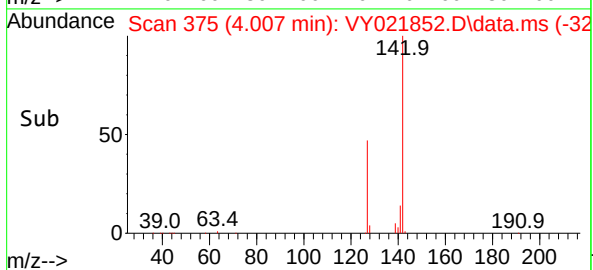
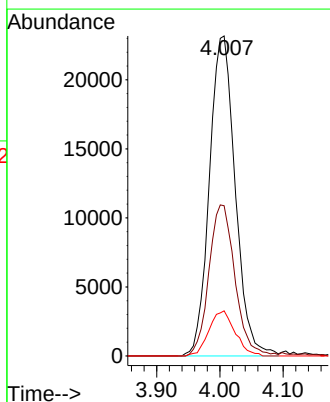
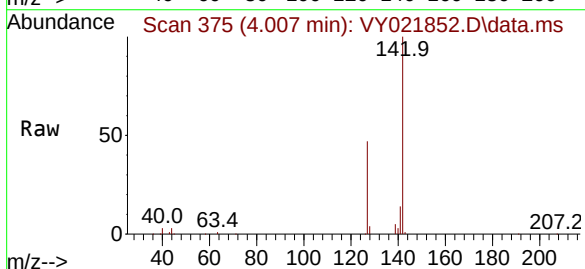
Manual Integrations
APPROVED

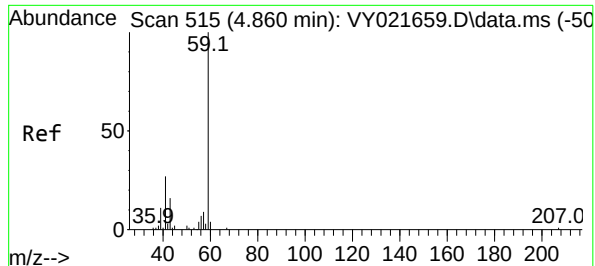
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#10
Methyl Iodide
Concen: 20.559 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion:142 Resp: 65715
Ion Ratio Lower Upper
142 100
127 47.5 38.7 58.1
141 14.3 11.5 17.3





#11

Tert butyl alcohol

Concen: 93.935 ug/l

RT: 4.866 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 59 Resp: 17290

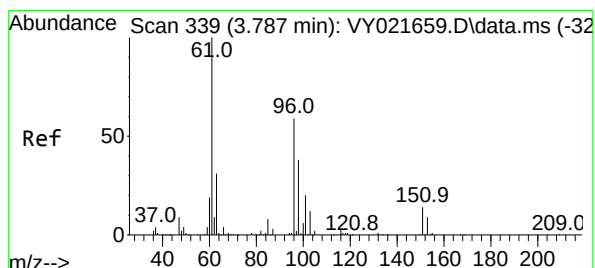
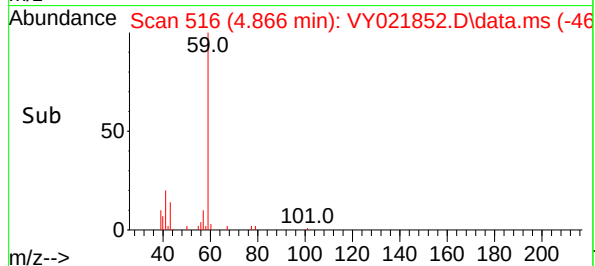
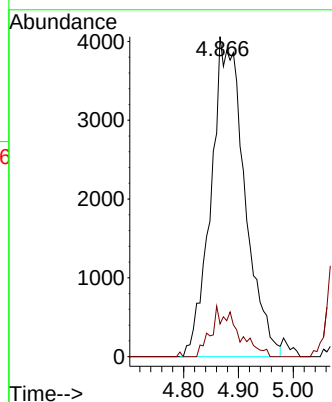
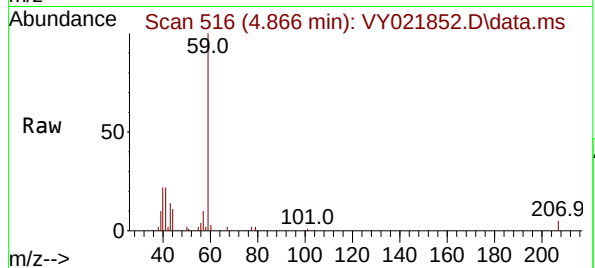
Ion Ratio Lower Upper

59 100

57 6.7 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#12

1,1-Dichloroethene

Concen: 19.073 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

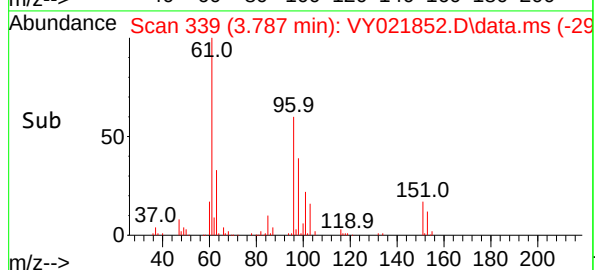
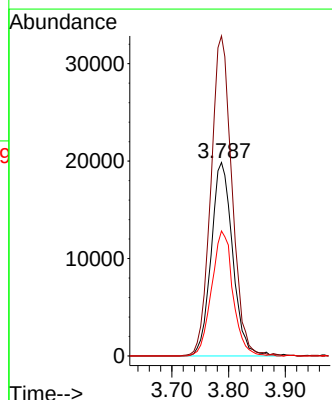
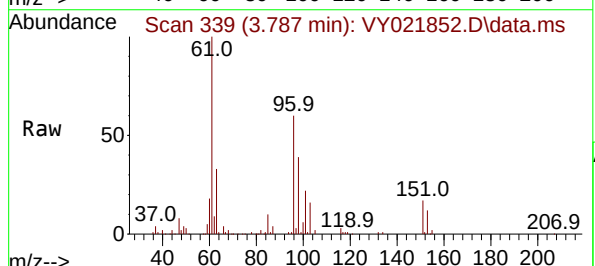
Tgt Ion: 96 Resp: 52342

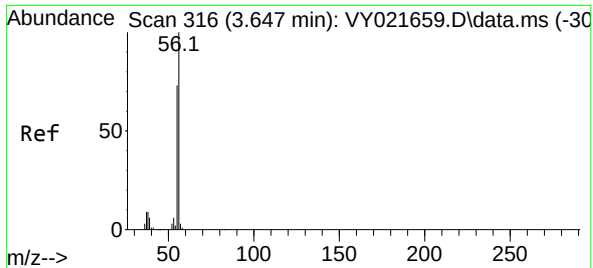
Ion Ratio Lower Upper

96 100

61 165.4 136.6 204.8

98 64.6 52.3 78.5





#13

Acrolein

Concen: 51.486 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 56 Resp: 17310

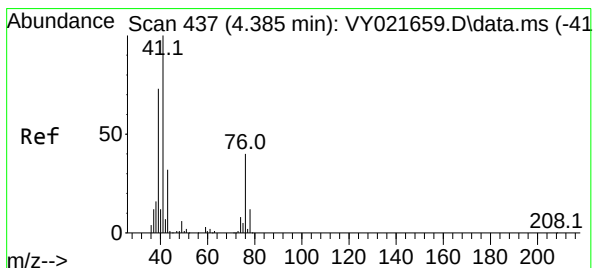
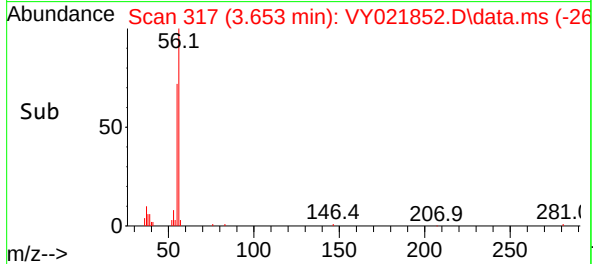
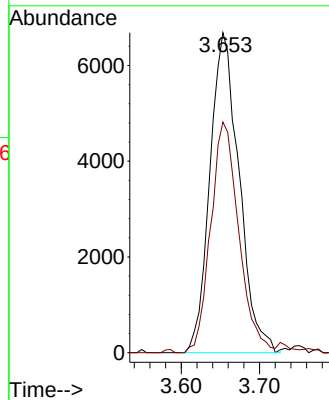
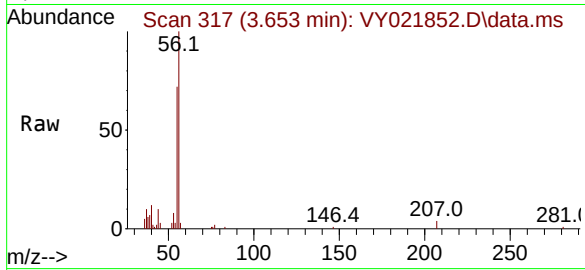
Ion Ratio Lower Upper

56 100

55 69.4 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#14

Allyl chloride

Concen: 18.526 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

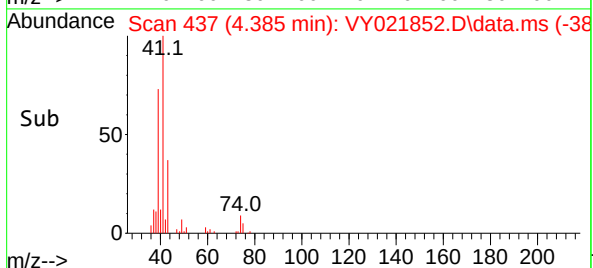
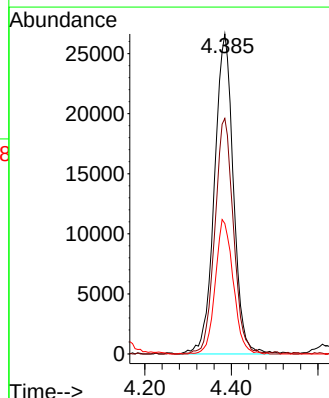
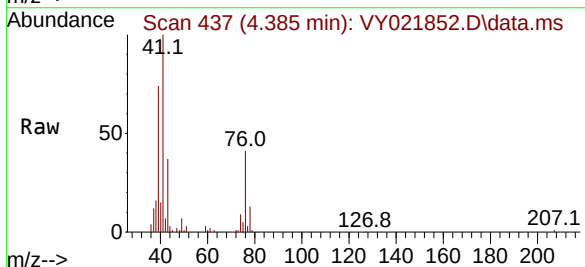
Tgt Ion: 41 Resp: 81064

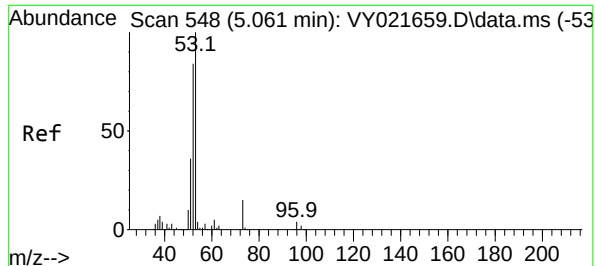
Ion Ratio Lower Upper

41 100

39 72.1 58.6 88.0

76 39.6 30.3 45.5





#15

Acrylonitrile

Concen: 96.976 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

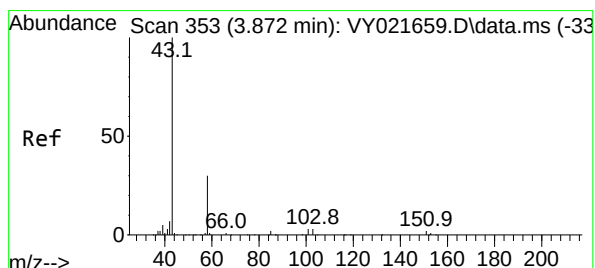
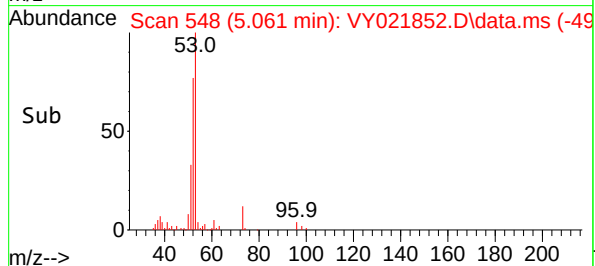
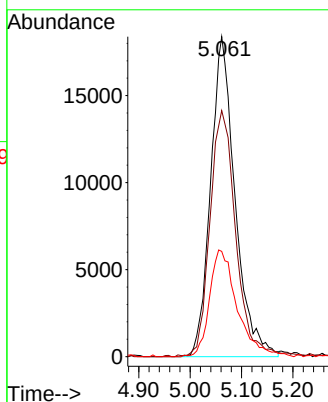
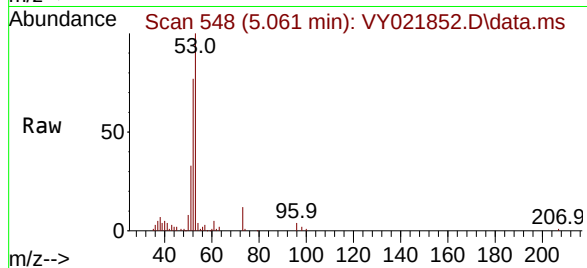
VY0411SBS01

Tgt Ion: 53	Resp: 60829
Ion Ratio	Lower Upper
53 100	
52 81.1	64.9 97.3
51 37.6	30.2 45.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#16

Acetone

Concen: 100.252 ug/l

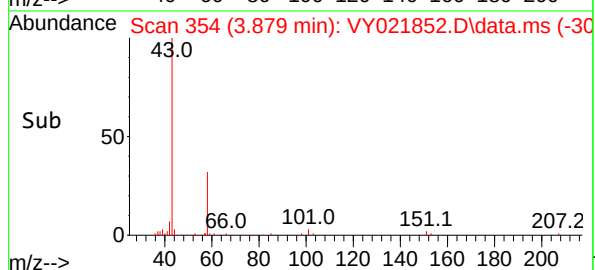
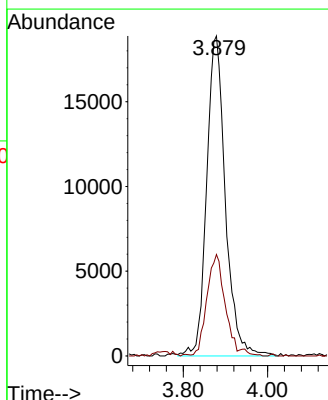
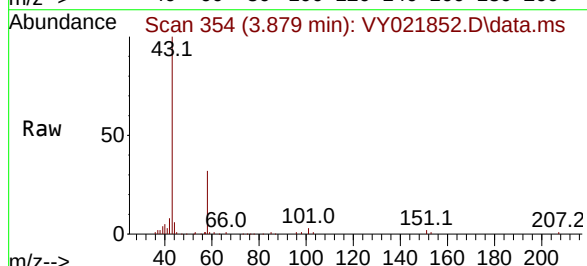
RT: 3.879 min Scan# 354

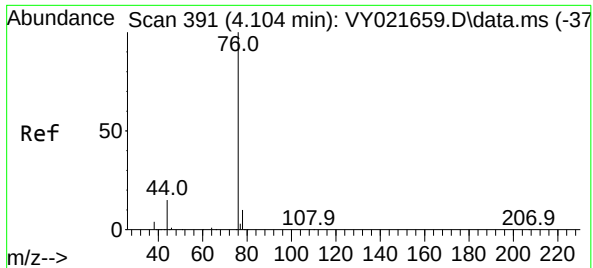
Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

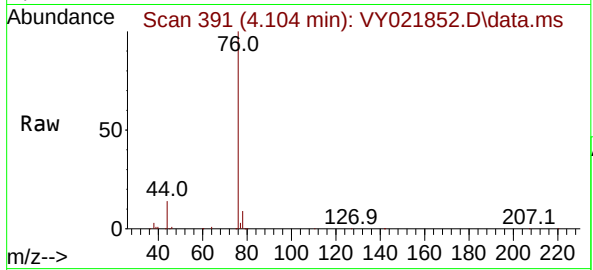
Tgt Ion: 43	Resp: 58163
Ion Ratio	Lower Upper
43 100	
58 31.7	24.2 36.4





#17
Carbon Disulfide
Concen: 17.379 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

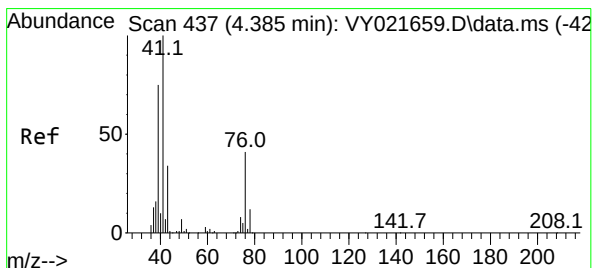
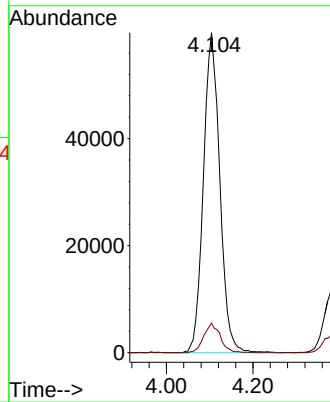
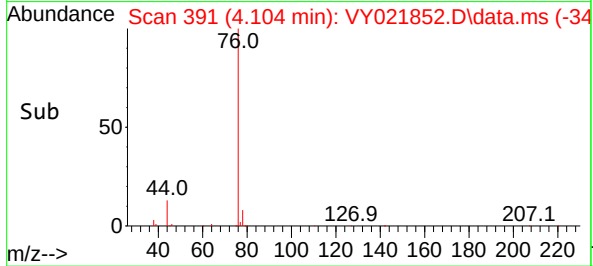
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



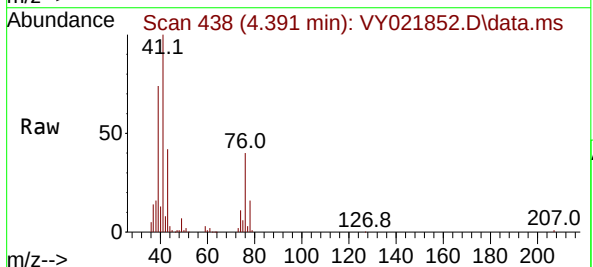
Tgt Ion: 76 Resp: 157080
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

Manual Integrations
APPROVED

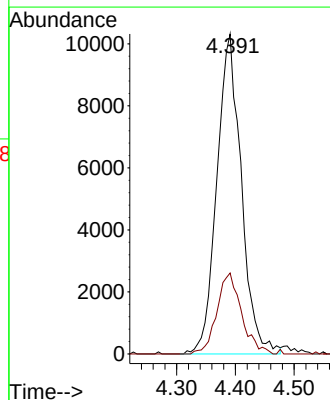
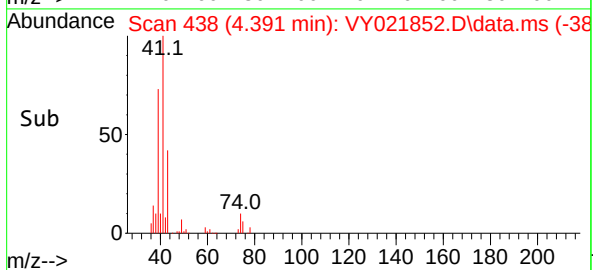
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

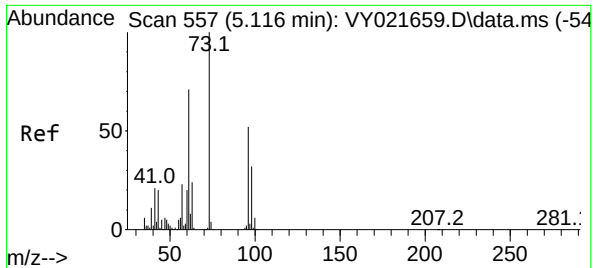


#18
Methyl Acetate
Concen: 20.738 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06



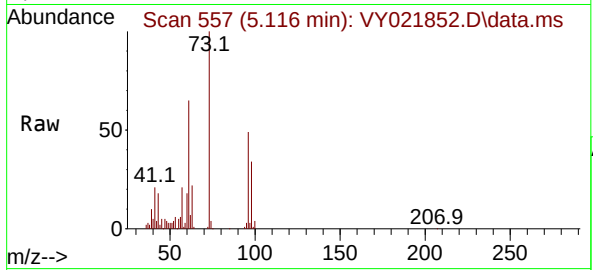
Tgt Ion: 43 Resp: 29819
Ion Ratio Lower Upper
43 100
74 25.5 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 19.835 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

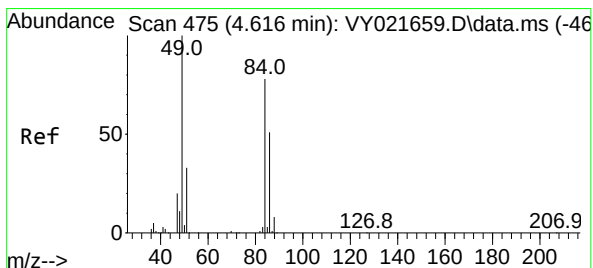
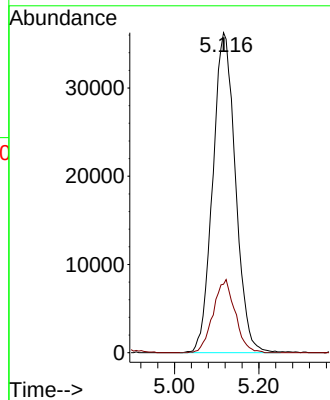
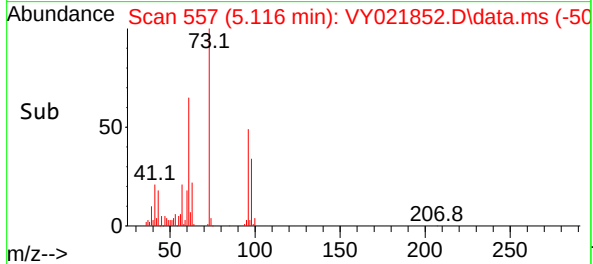
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



Tgt Ion: 73 Resp: 135524
Ion Ratio Lower Upper
73 100
57 21.4 18.1 27.1

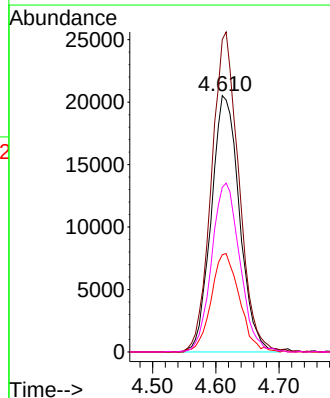
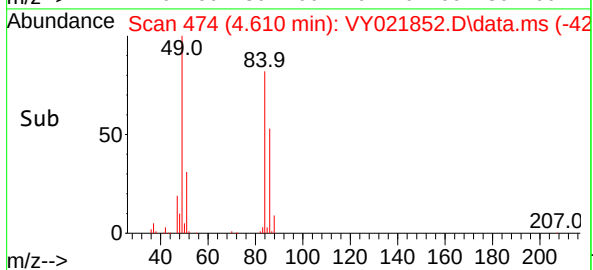
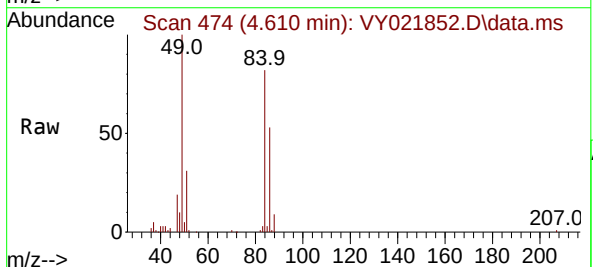
Manual Integrations
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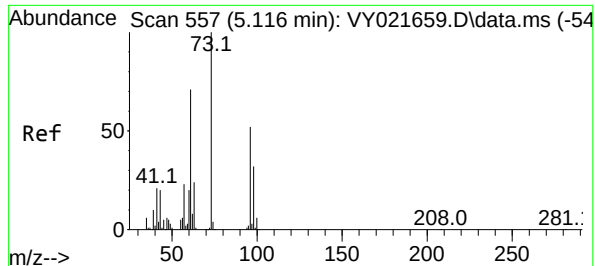
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#20
Methylene Chloride
Concen: 20.080 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 84 Resp: 63577
Ion Ratio Lower Upper
84 100
49 121.9 102.8 154.2
51 37.9 33.5 50.3
86 64.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 18.917 ug/l

RT: 5.110 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY021852.D

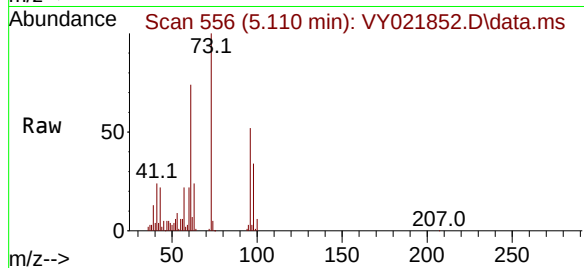
Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01



Tgt Ion: 96 Resp: 5716

Ion Ratio Lower Upper

96 100

61 143.5 109.4 164.0

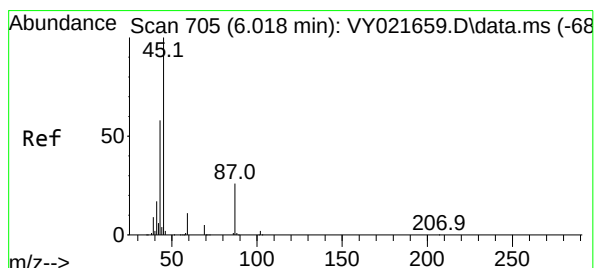
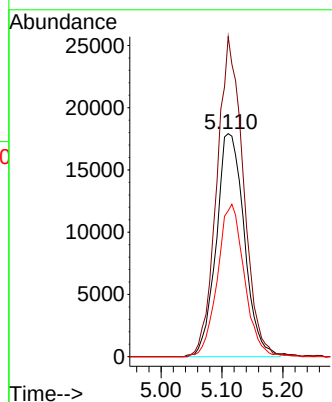
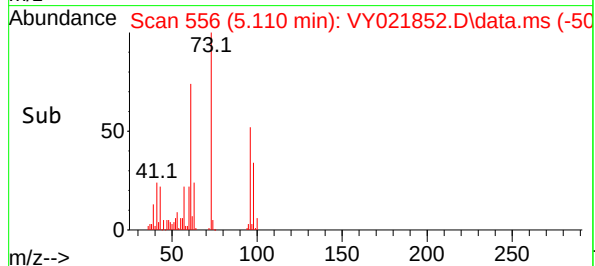
98 65.5 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#22

Diisopropyl ether

Concen: 19.329 ug/l

RT: 6.019 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Tgt Ion: 45 Resp: 177421

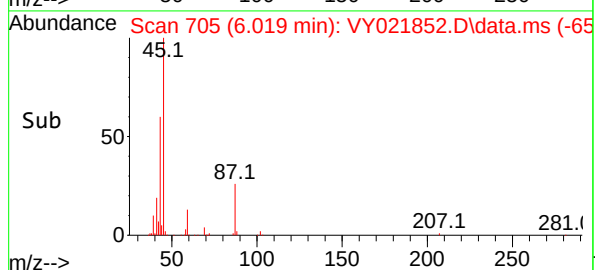
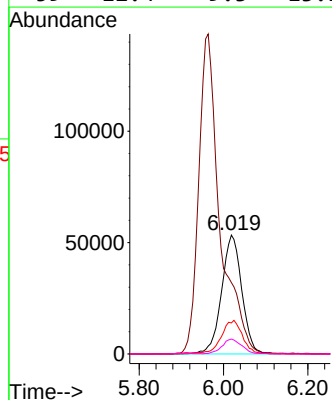
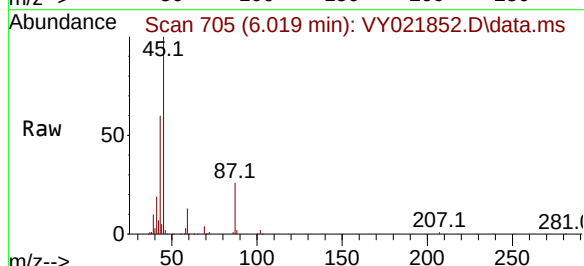
Ion Ratio Lower Upper

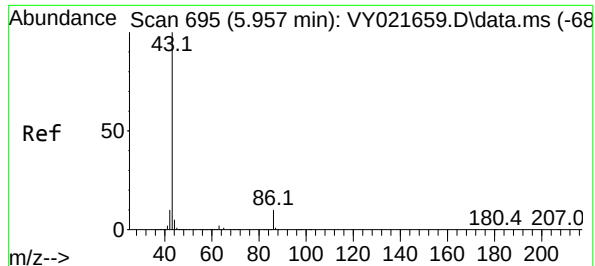
45 100

43 59.5 46.6 69.8

87 26.1 20.7 31.1

59 12.4 9.3 13.9





#23

Vinyl Acetate

Concen: 93.744 ug/l

RT: 5.964 min Scan# 695

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 43 Resp: 503378

Ion Ratio Lower Upper

43

100

86

11.2

8.2

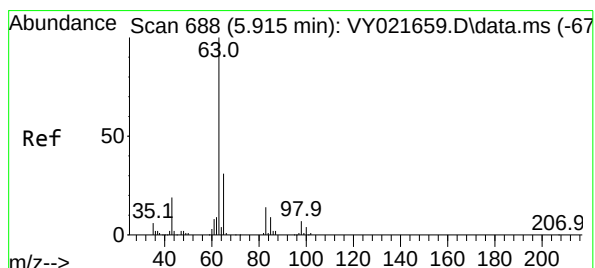
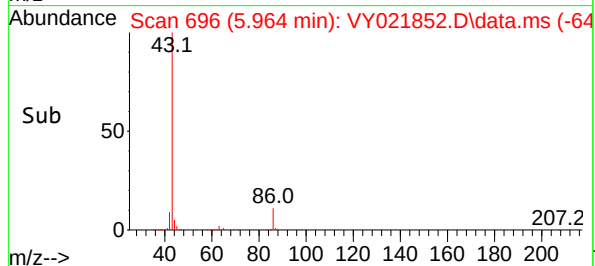
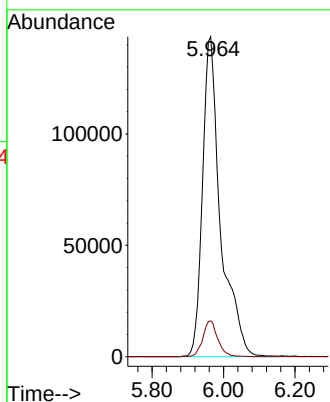
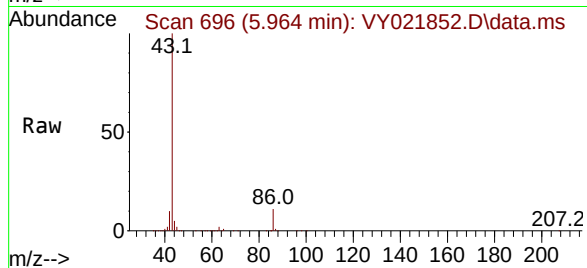
12.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#24

1,1-Dichloroethane

Concen: 19.659 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Tgt Ion: 63 Resp: 107900

Ion Ratio Lower Upper

63

100

98

6.6

3.5

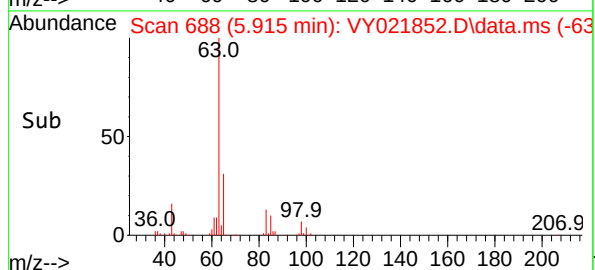
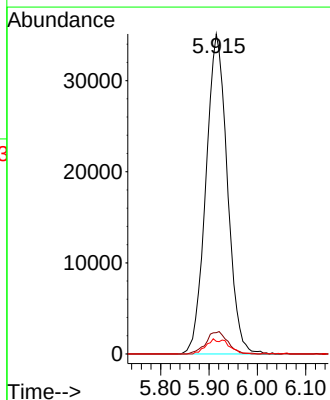
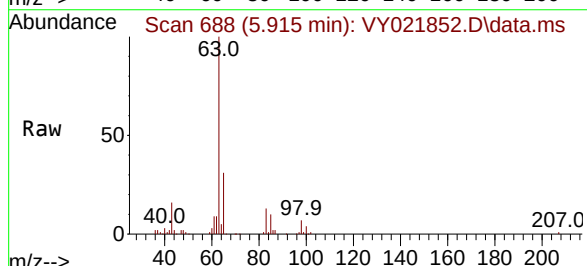
10.5

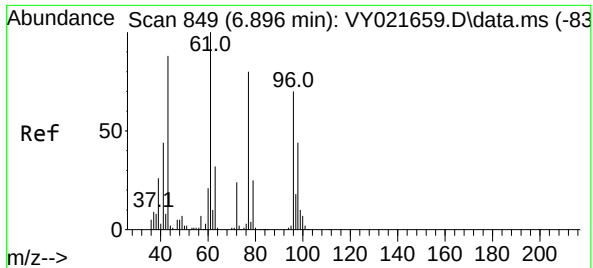
100

4.0

2.2

6.6





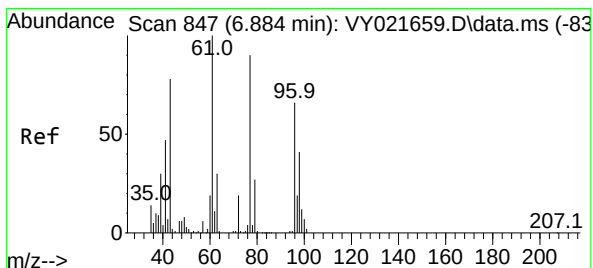
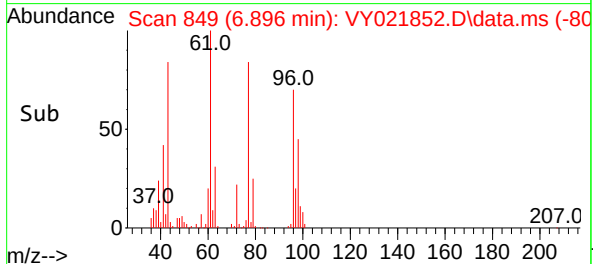
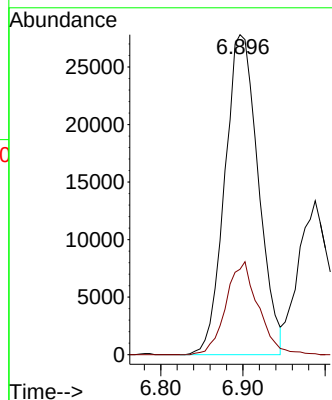
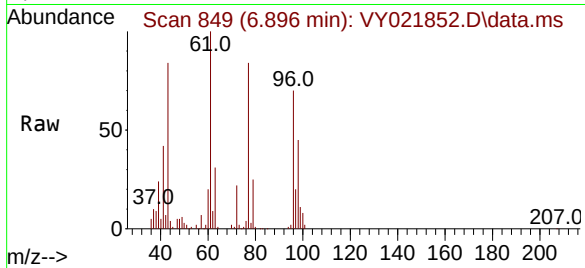
#25
2-Butanone
Concen: 95.259 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Tgt Ion: 43 Resp: 7893
Ion Ratio Lower Upper
43 100
72 26.7 21.4 32.2

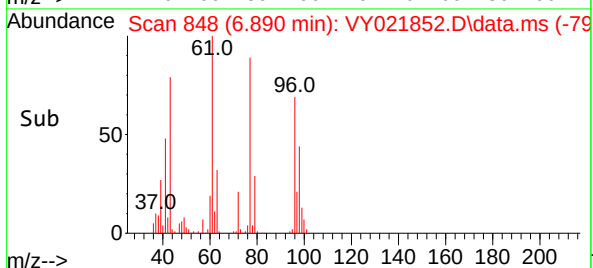
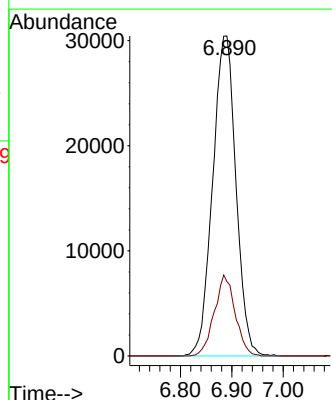
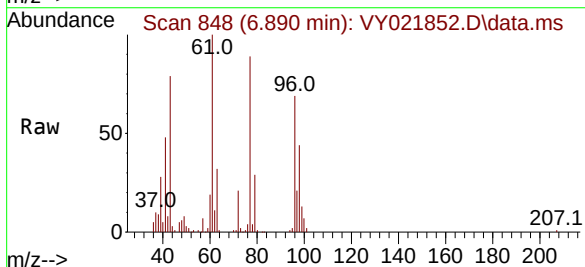
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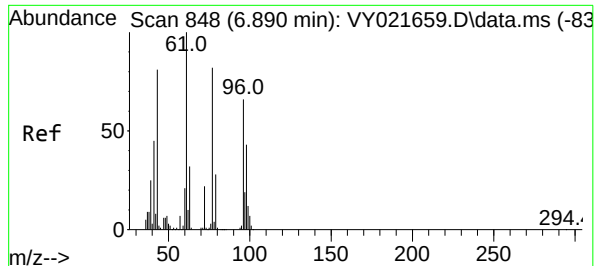
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#26
2,2-Dichloropropane
Concen: 19.627 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

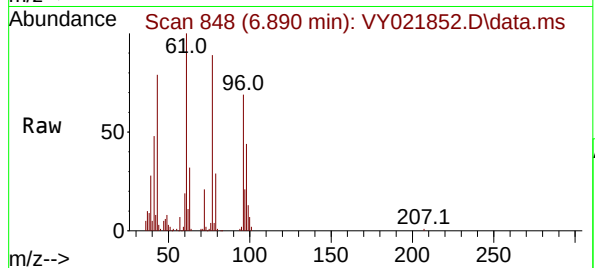
Tgt Ion: 77 Resp: 95824
Ion Ratio Lower Upper
77 100
97 22.7 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.948 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY021852.D
 Acq: 11 Apr 2025 12:06

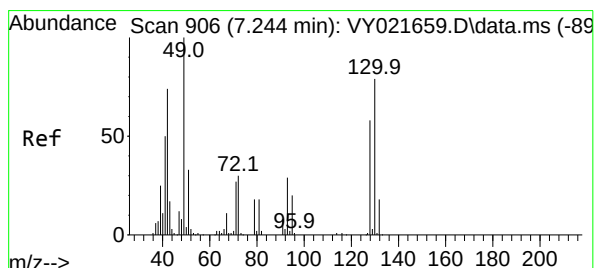
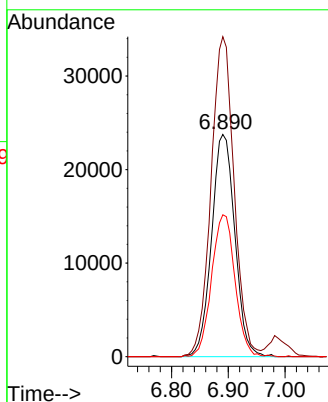
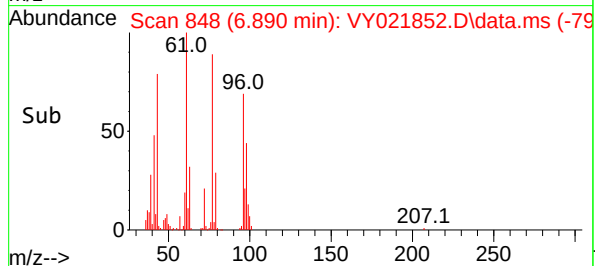
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01



Tgt Ion: 96 Resp: 6778
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 296.4
 98 64.1 0.0 128.0

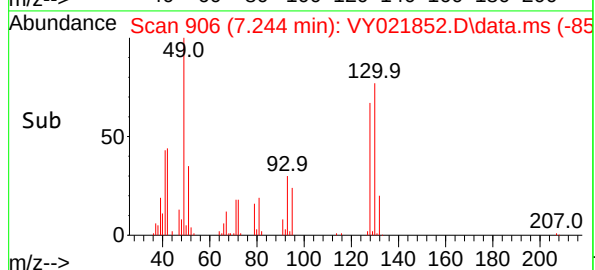
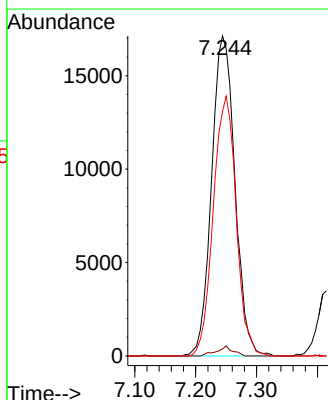
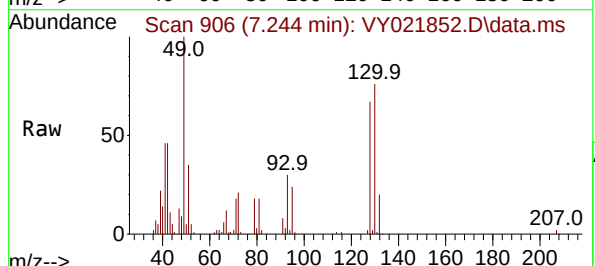
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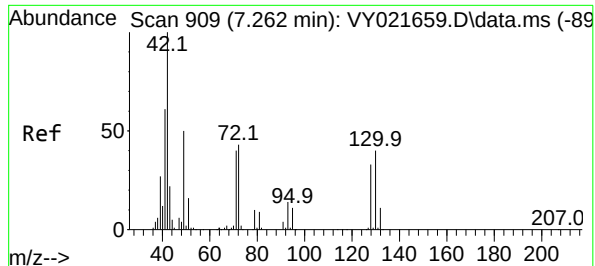
Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#28
 Bromochloromethane
 Concen: 19.691 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021852.D
 Acq: 11 Apr 2025 12:06

Tgt Ion: 49 Resp: 45578
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 79.5 60.1 90.1





#29

Tetrahydrofuran

Concen: 93.472 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 42 Resp: 49850

Ion Ratio Lower Upper

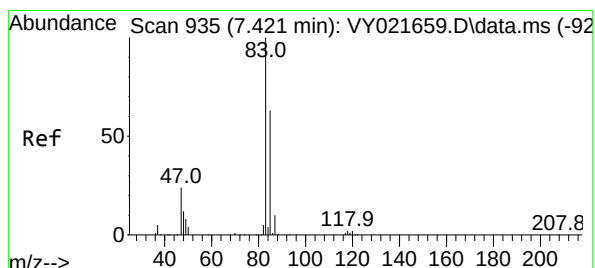
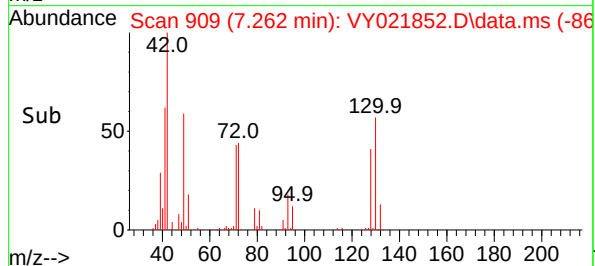
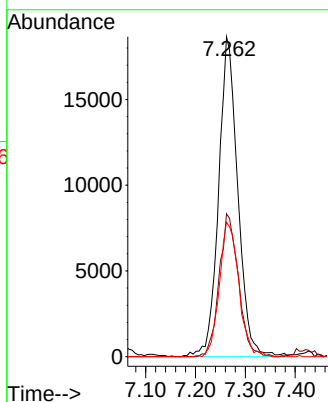
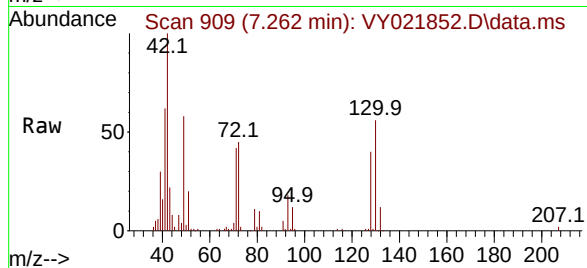
42 100

72 44.7 34.6 52.0

71 42.6 32.5 48.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#30

Chloroform

Concen: 19.730 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021852.D

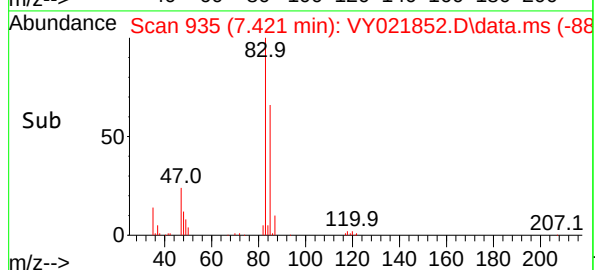
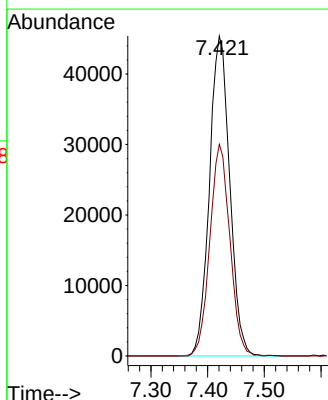
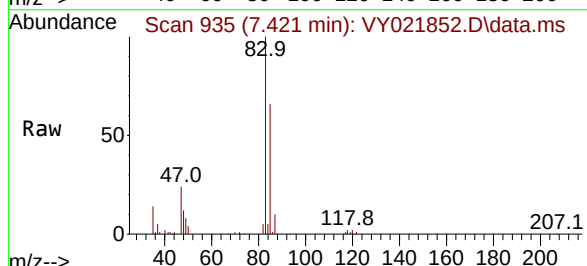
Acq: 11 Apr 2025 12:06

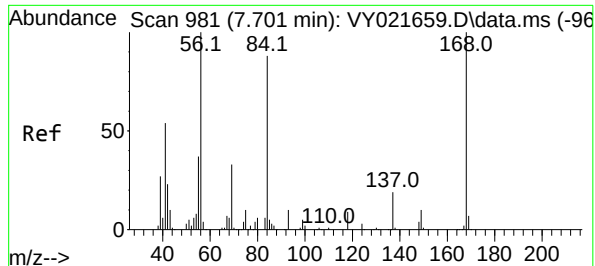
Tgt Ion: 83 Resp: 112631

Ion Ratio Lower Upper

83 100

85 66.2 50.6 75.8





#31

Cyclohexane

Concen: 17.905 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 56 Resp: 8958

Ion Ratio Lower Upper

56 100

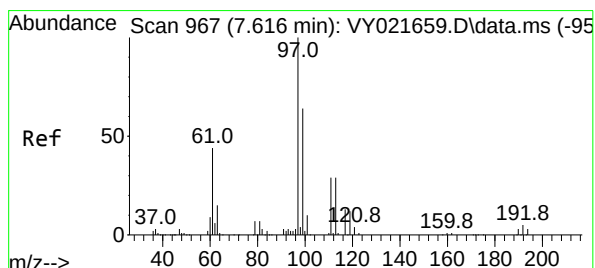
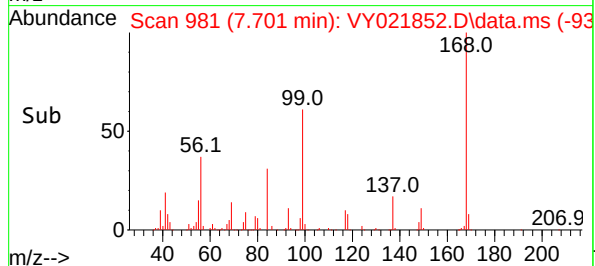
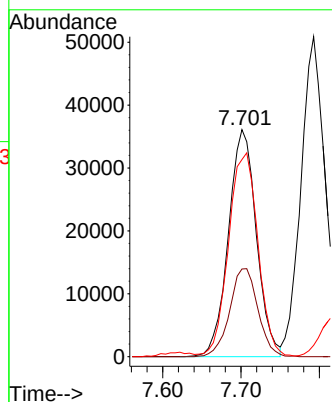
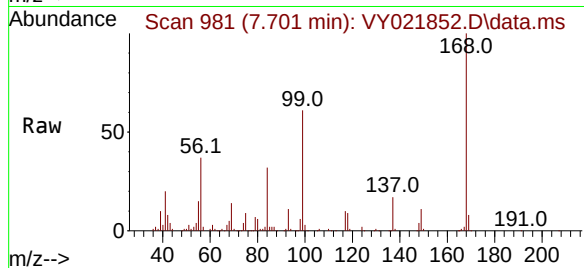
69 38.6 26.6 40.0

84 84.5 69.0 103.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#32

1,1,1-Trichloroethane

Concen: 19.552 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

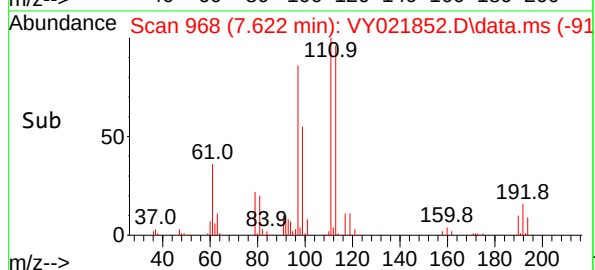
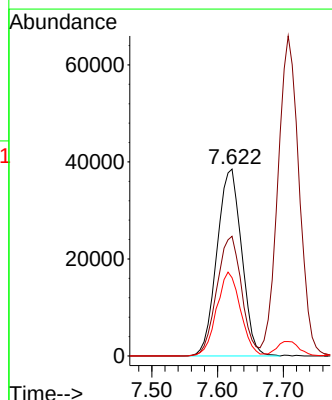
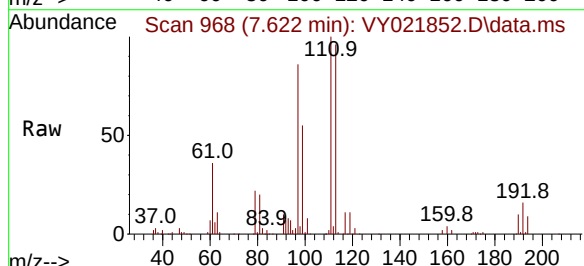
Tgt Ion: 97 Resp: 100880

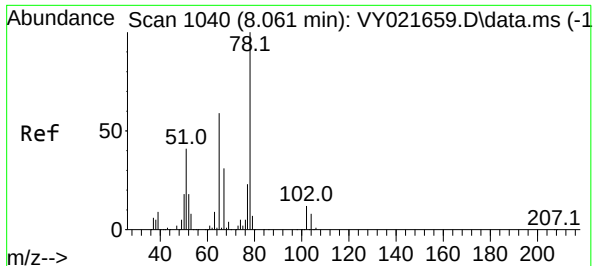
Ion Ratio Lower Upper

97 100

99 64.4 50.7 76.1

61 43.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.269 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 65 Resp: 148170

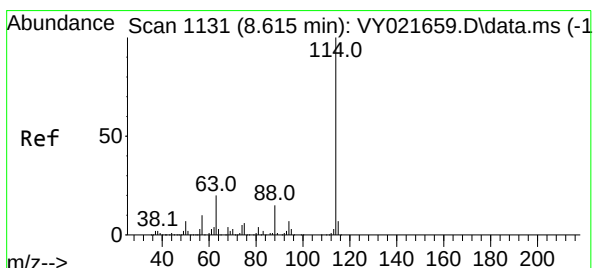
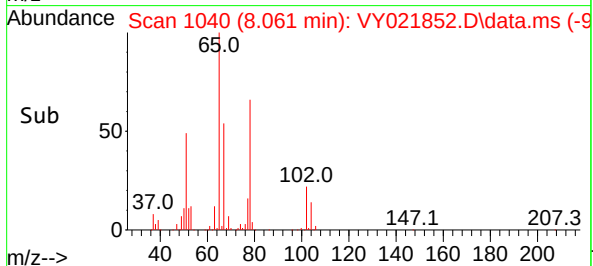
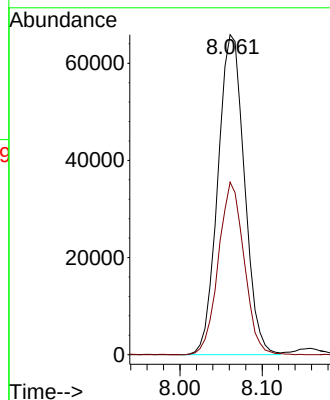
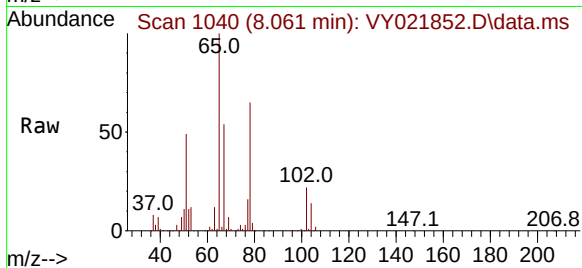
Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

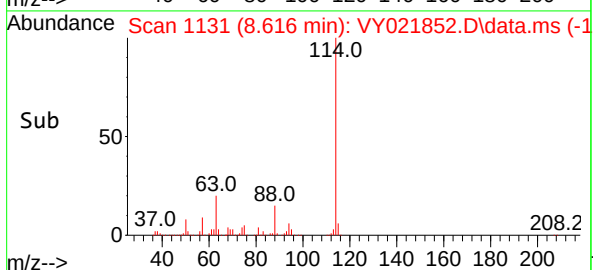
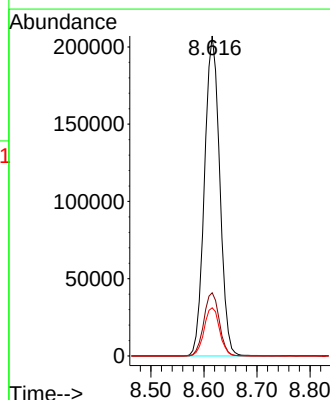
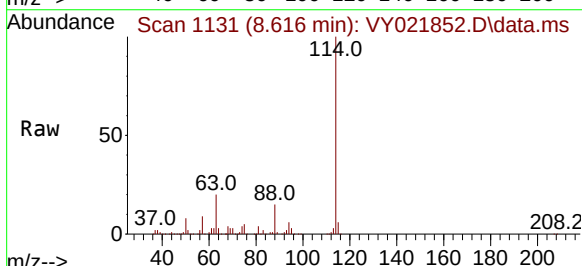
Tgt Ion:114 Resp: 412441

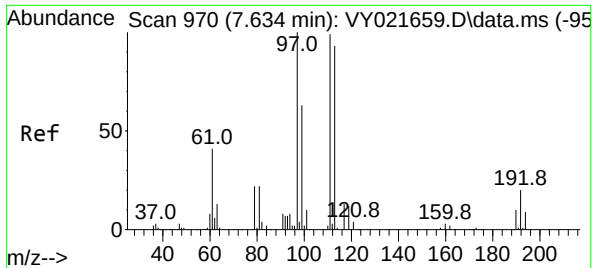
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 15.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 53.172 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion:113 Resp: 14225

Ion Ratio Lower Upper

113 100

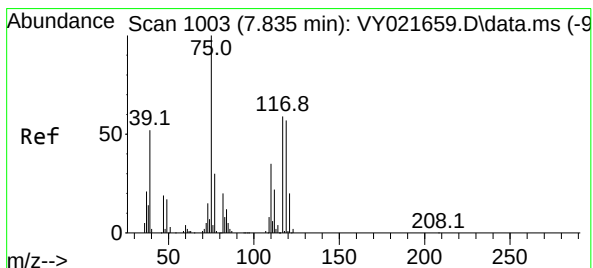
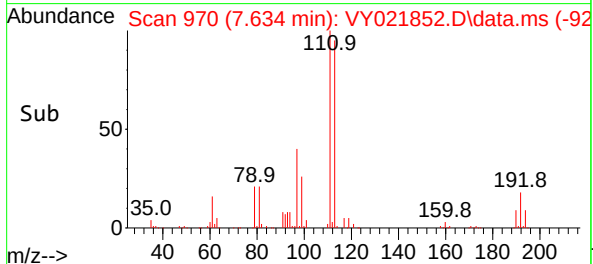
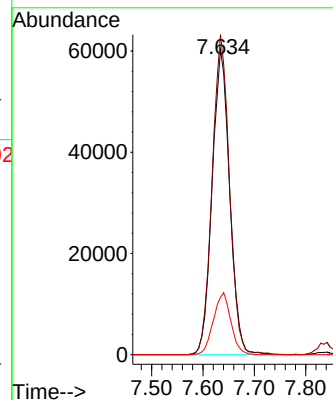
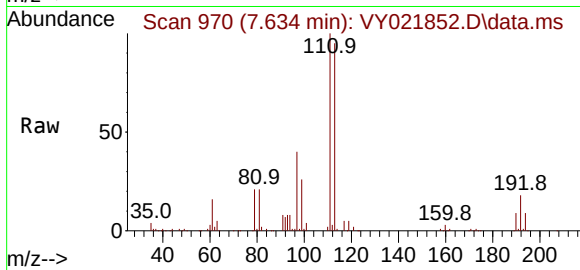
111 103.9 82.6 123.8

192 20.3 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#36

1,1-Dichloropropene

Concen: 18.961 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

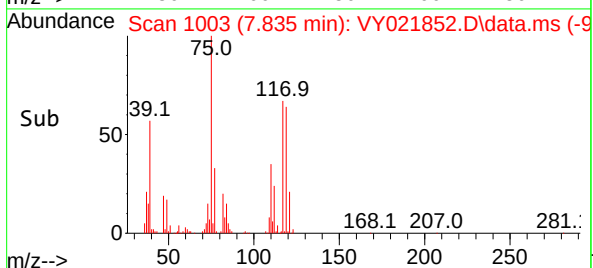
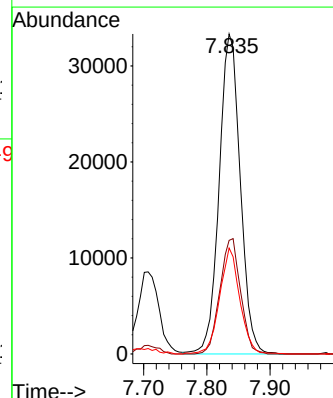
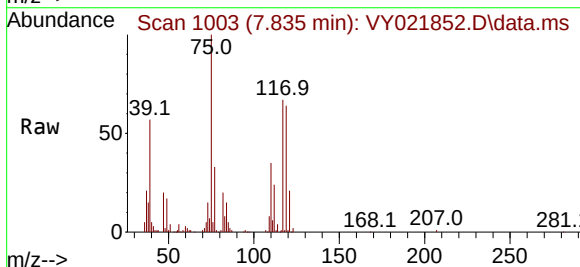
Tgt Ion: 75 Resp: 77267

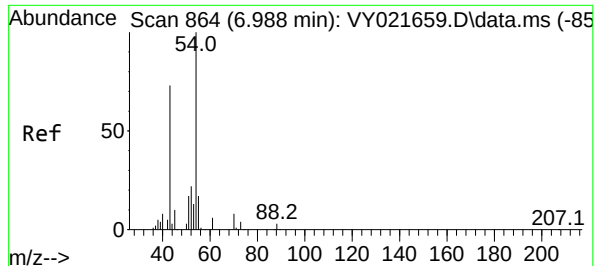
Ion Ratio Lower Upper

75 100

110 35.2 17.0 50.9

77 31.6 24.8 37.2





#37

Ethyl Acetate

Concen: 18.888 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

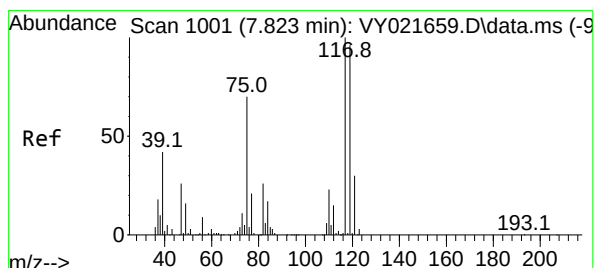
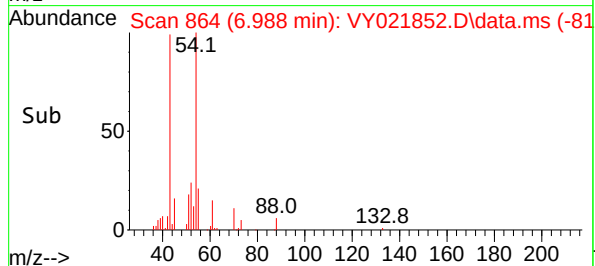
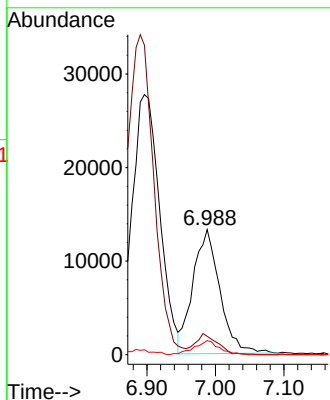
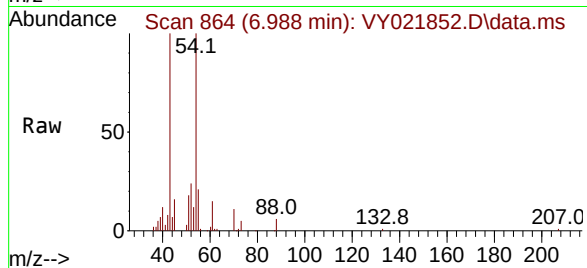
ClientSampleId :

VY0411SBS01

Tgt Ion:	43	Resp:	3632
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.6
70	10.3	8.1	12.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#38

Carbon Tetrachloride

Concen: 19.705 ug/l

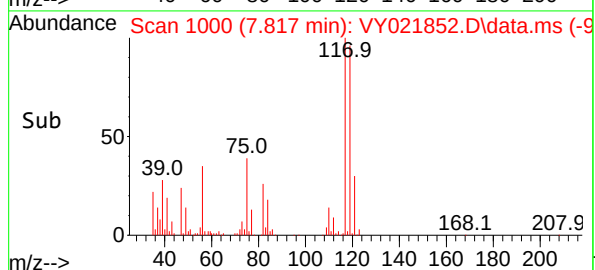
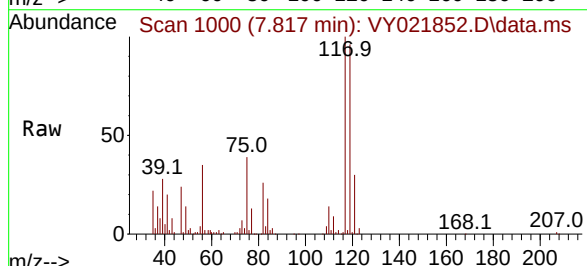
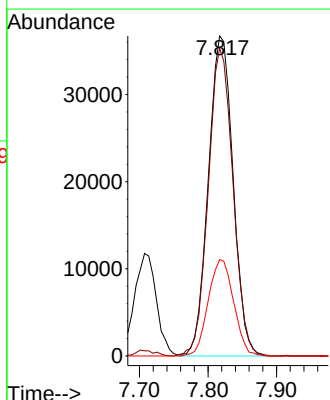
RT: 7.817 min Scan# 1000

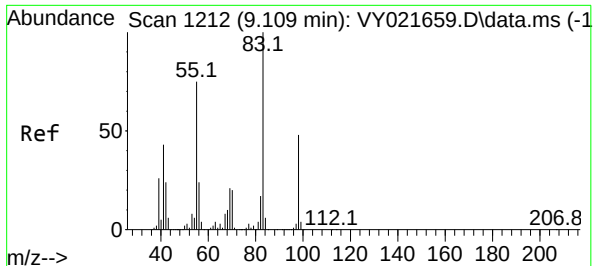
Delta R.T. -0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Tgt Ion:	117	Resp:	91970
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.4
121	30.1	24.2	36.4





#39

Methylcyclohexane

Concen: 18.832 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

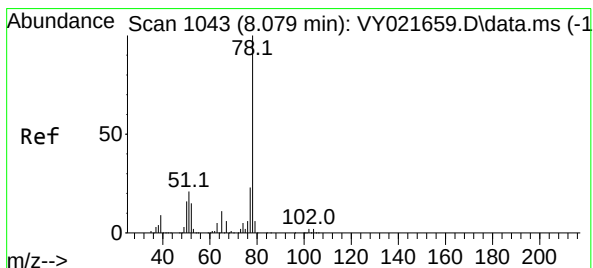
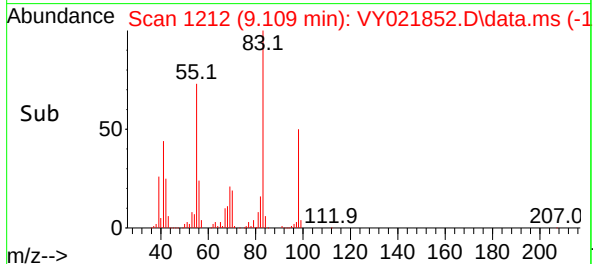
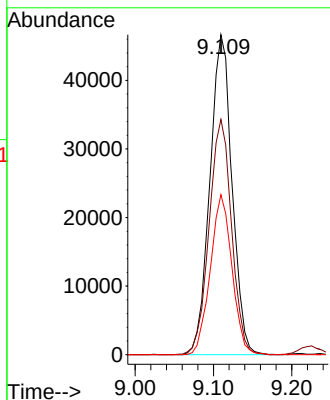
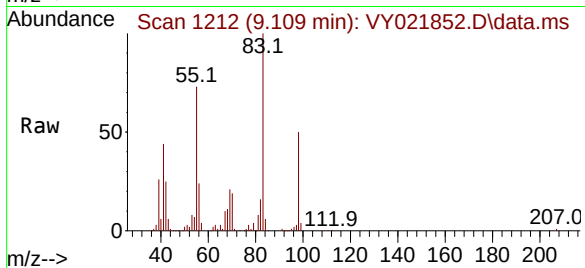
VY0411SBS01

Tgt Ion:	83	Resp:	91679
Ion	Ratio	Lower	Upper
83	100		
55	73.5	59.7	89.5
98	50.0	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#40

Benzene

Concen: 19.667 ug/l

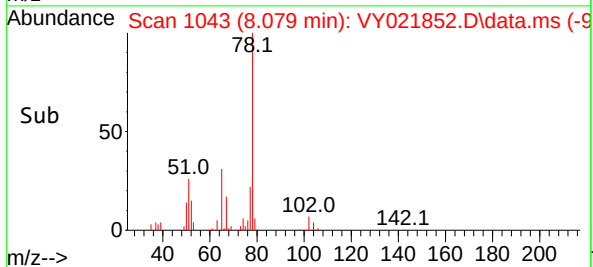
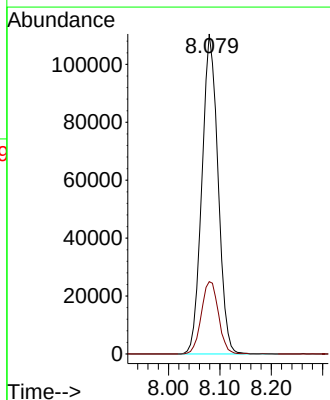
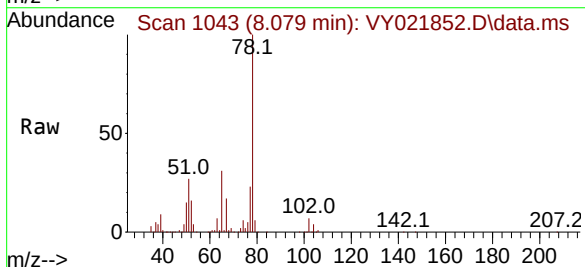
RT: 8.079 min Scan# 1043

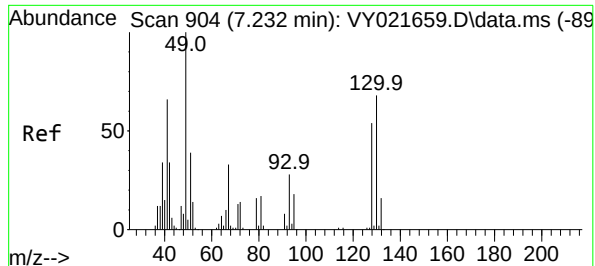
Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Tgt Ion:	78	Resp:	240011
Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.8	28.2





#41

Methacrylonitrile

Concen: 18.843 ug/l m

RT: 7.220 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 41 Resp: 19240

Ion Ratio Lower Upper

41 100

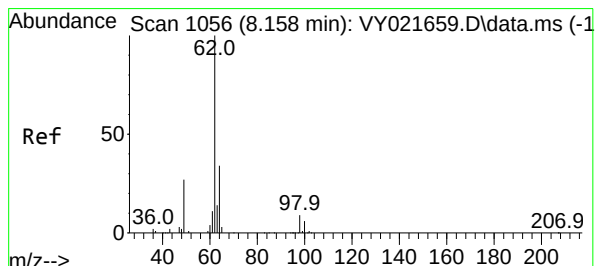
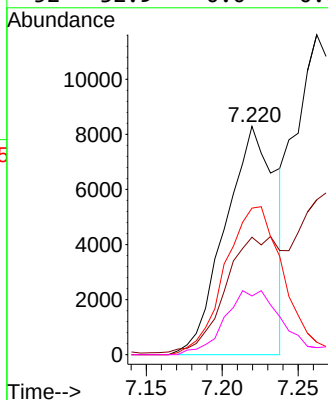
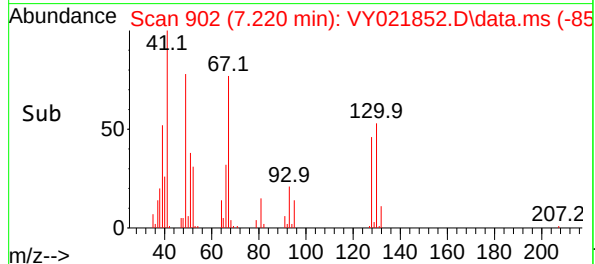
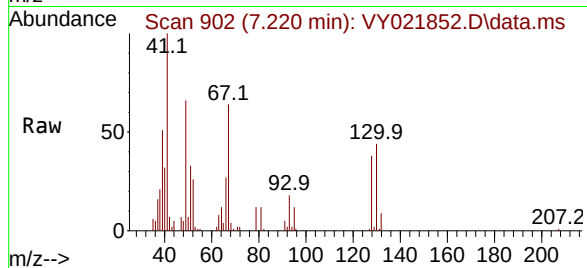
39 62.8 0.0 0.0

67 76.7 0.0 0.0

52 32.9 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#42

1,2-Dichloroethane

Concen: 19.827 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VY021852.D

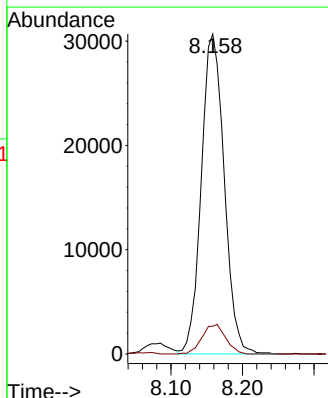
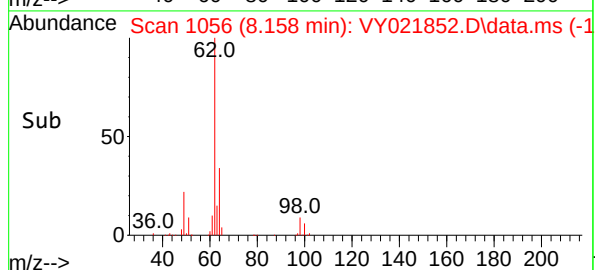
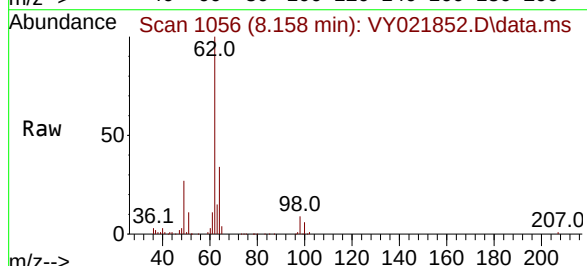
Acq: 11 Apr 2025 12:06

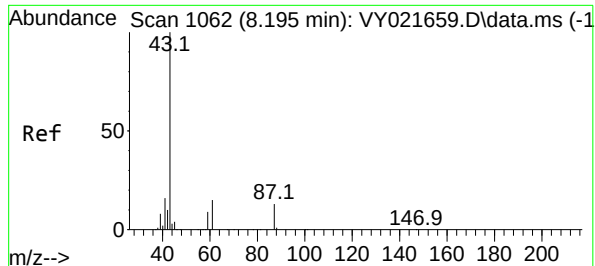
Tgt Ion: 62 Resp: 68214

Ion Ratio Lower Upper

62 100

98 9.5 0.0 18.4





#43

Isopropyl Acetate

Concen: 19.174 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 43 Resp: 69884

Ion Ratio Lower Upper

43 100

61 31.0 15.9 23.9

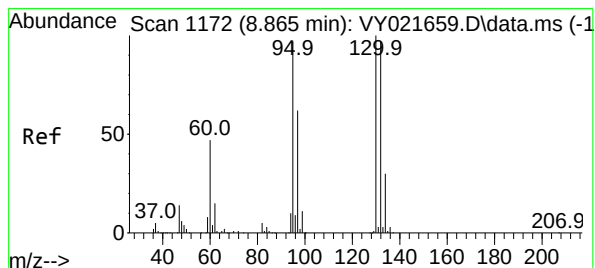
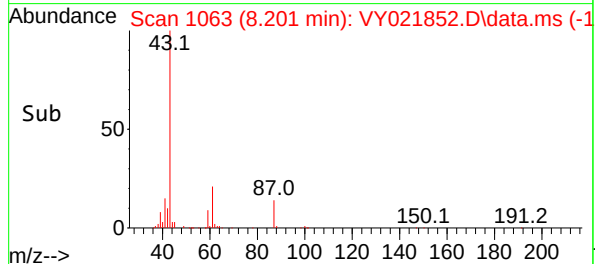
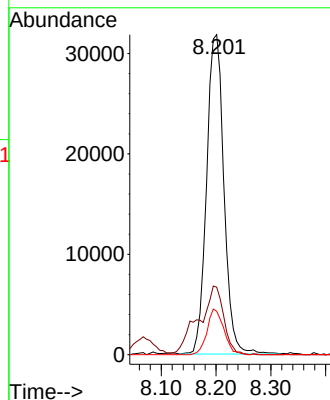
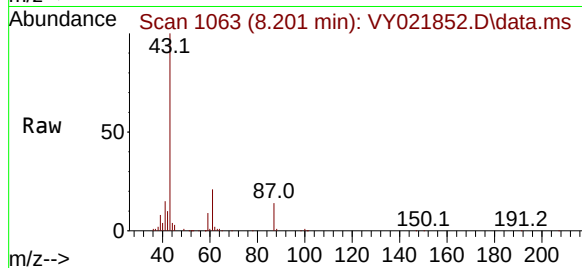
87 13.8 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#44

Trichloroethene

Concen: 19.838 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021852.D

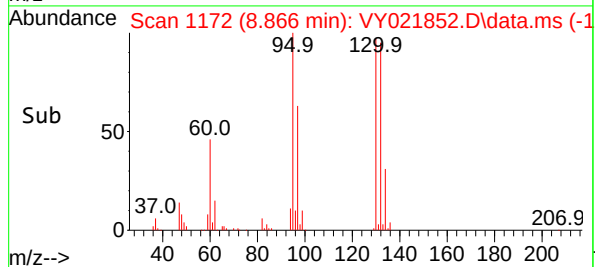
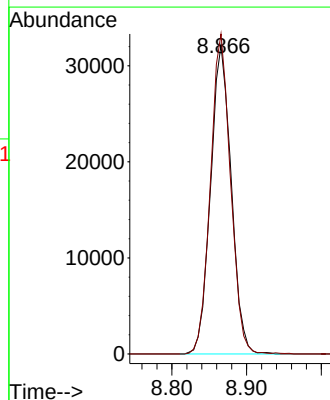
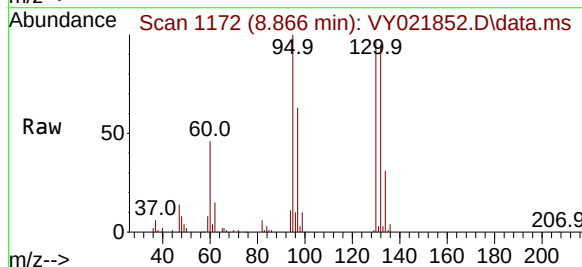
Acq: 11 Apr 2025 12:06

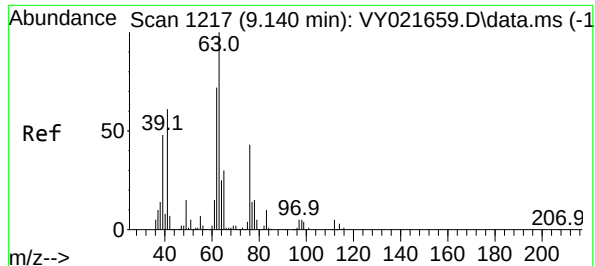
Tgt Ion:130 Resp: 61686

Ion Ratio Lower Upper

130 100

95 103.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.511 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 63 Resp: 5636

Ion Ratio Lower Upper

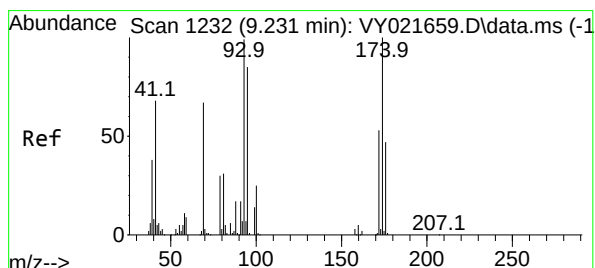
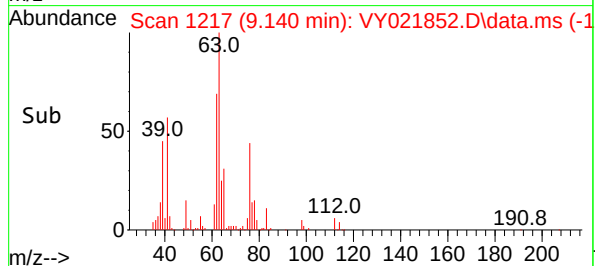
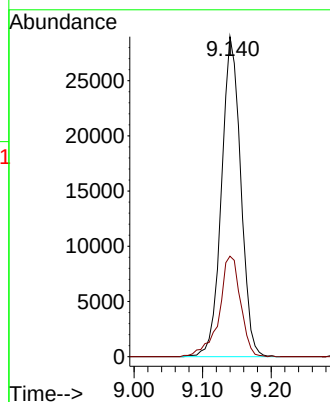
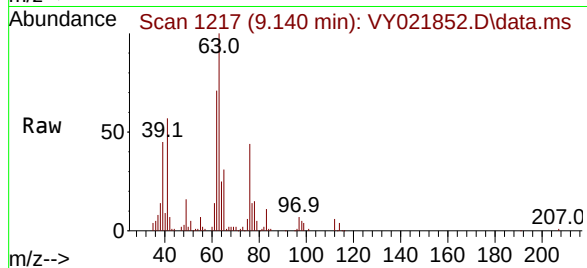
63 100

65 31.4 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#46

Dibromomethane

Concen: 19.119 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

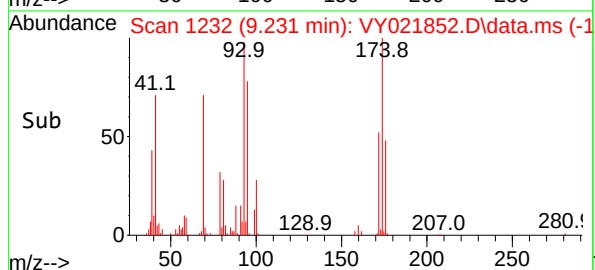
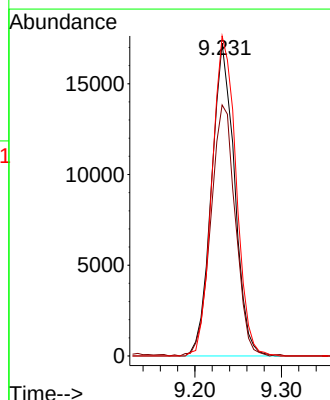
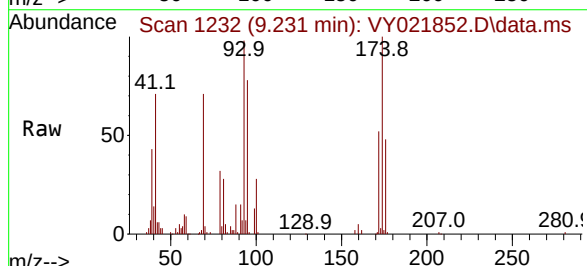
Tgt Ion: 93 Resp: 31831

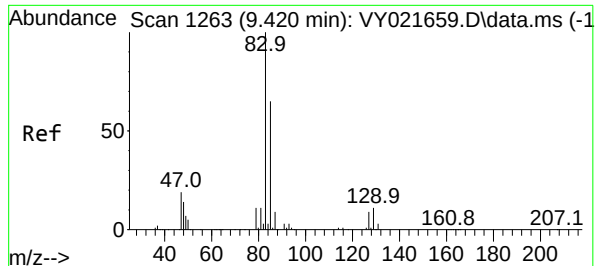
Ion Ratio Lower Upper

93 100

95 85.2 68.1 102.1

174 106.8 80.9 121.3





#47

Bromodichloromethane

Concen: 20.003 ug/l

RT: 9.426 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

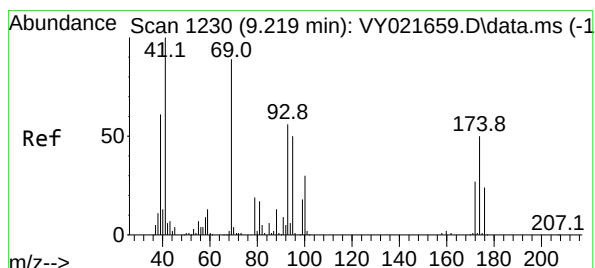
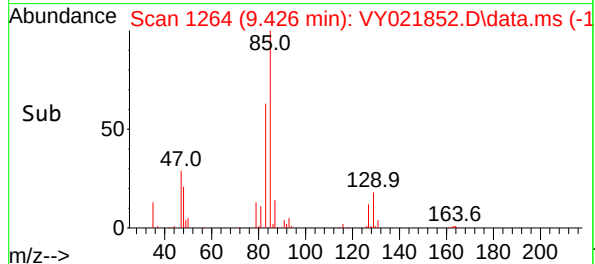
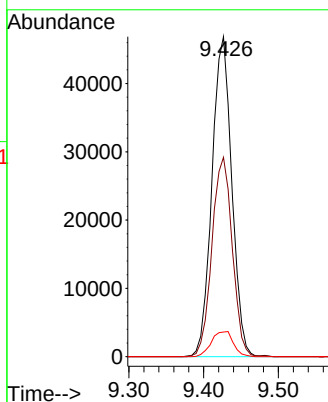
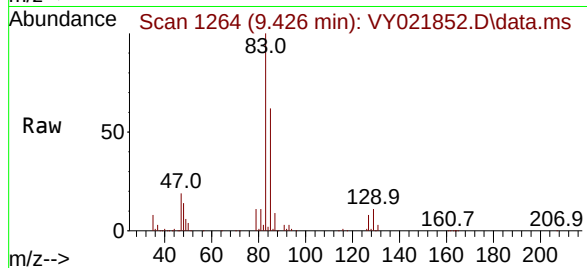
VY0411SBS01

Tgt Ion:	83	Resp:	8629
Ion Ratio	Lower	Upper	
83	100		
85	62.3	51.8	77.6
127	7.7	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#48

Methyl methacrylate

Concen: 18.895 ug/l

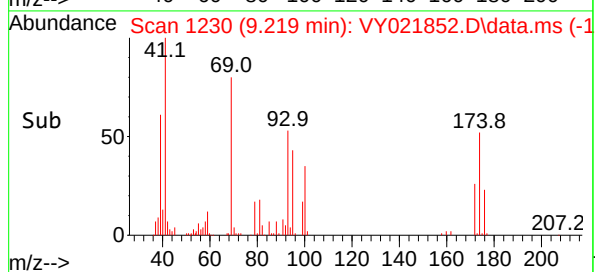
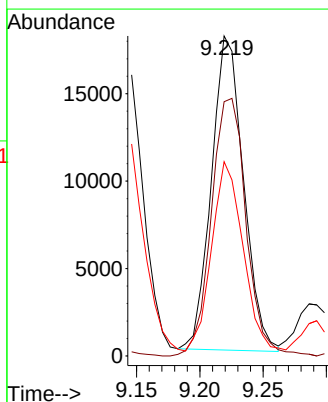
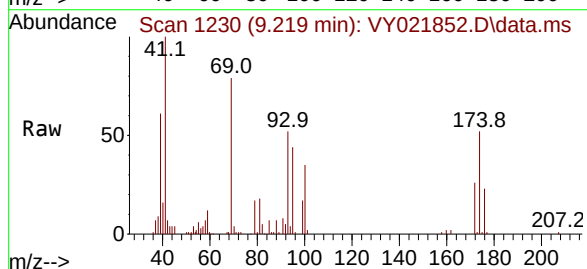
RT: 9.219 min Scan# 1230

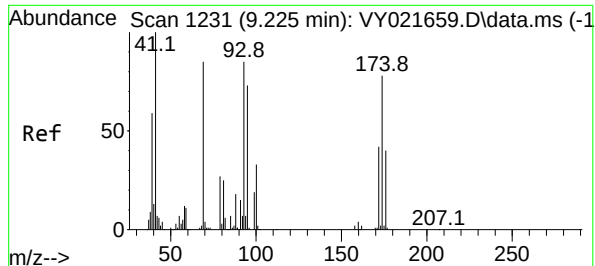
Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Tgt Ion:	41	Resp:	31606
Ion Ratio	Lower	Upper	
41	100		
69	89.2	69.8	104.8
39	59.7	47.2	70.8





#49

1,4-Dioxane

Concen: 400.396 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.012 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 88 Resp: 714

Ion Ratio Lower Upper

88 100

43 33.1 28.8 43.2

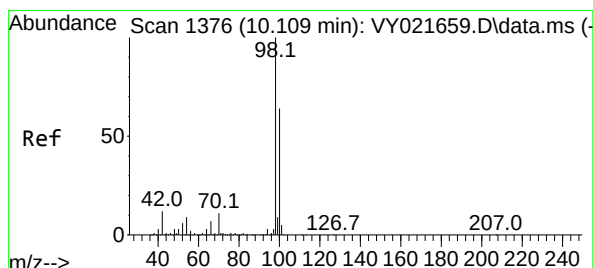
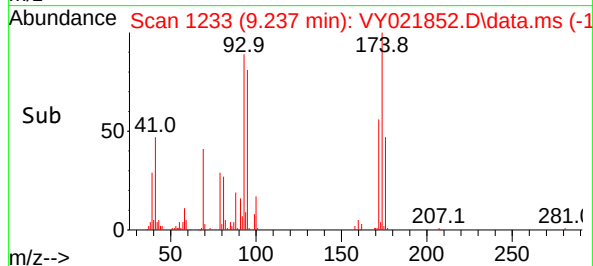
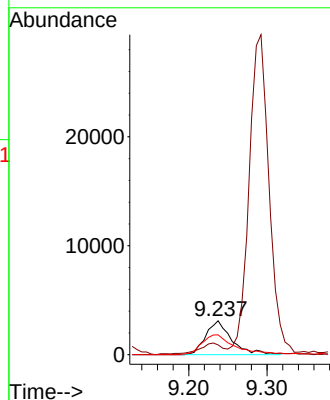
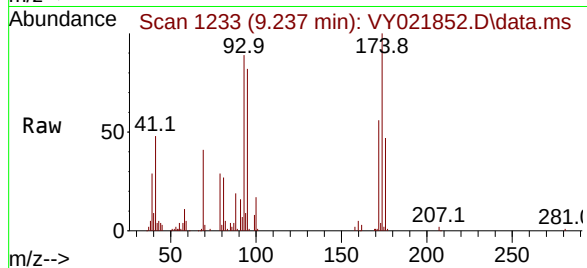
58 75.2 59.4 89.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#50

Toluene-d8

Concen: 53.827 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021852.D

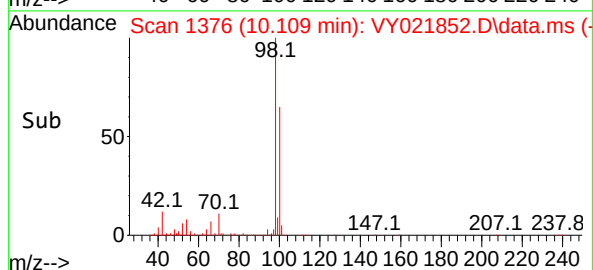
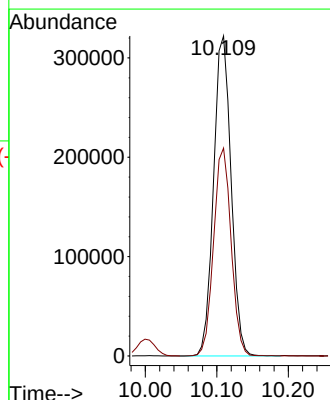
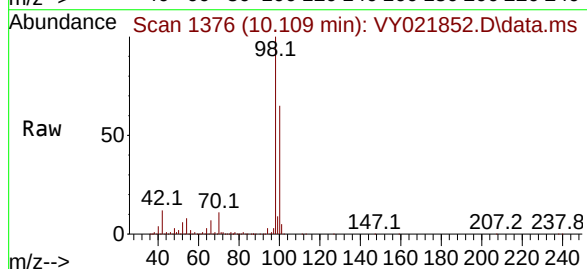
Acq: 11 Apr 2025 12:06

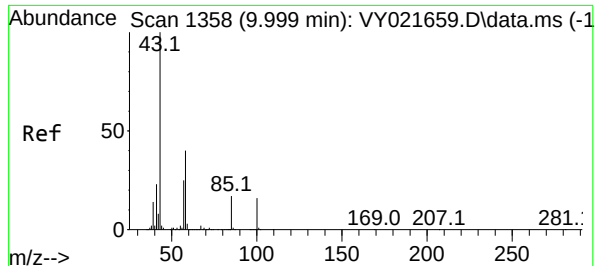
Tgt Ion: 98 Resp: 547864

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1





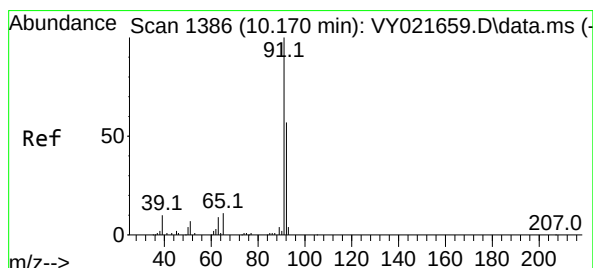
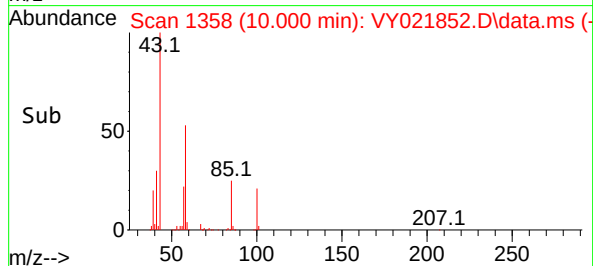
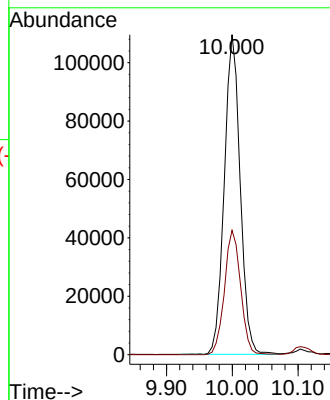
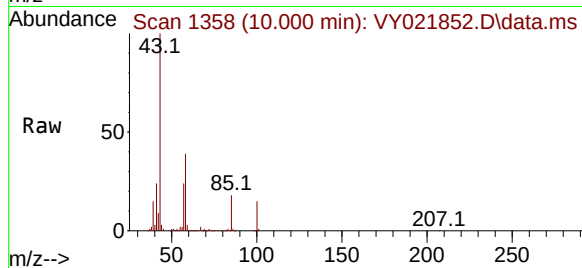
#51
4-Methyl-2-Pentanone
Concen: 97.188 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Tgt Ion: 43 Resp: 18433
Ion Ratio Lower Upper
43 100
58 39.5 31.5 47.3

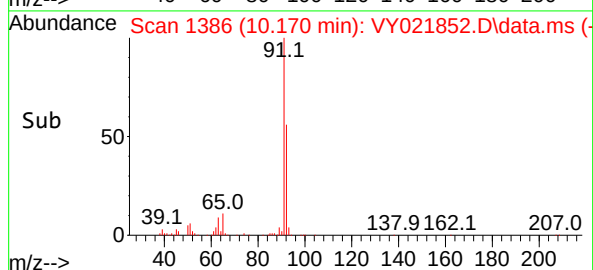
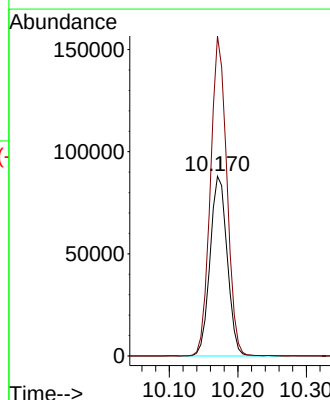
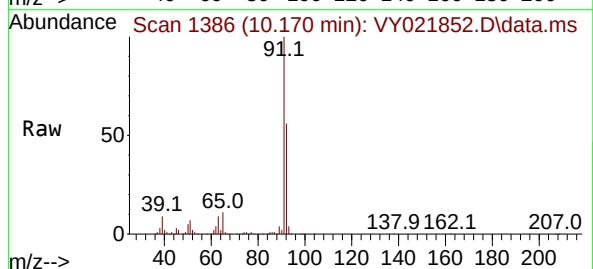
Manual Integrations
APPROVED

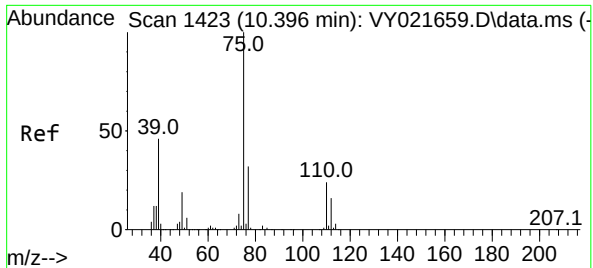
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#52
Toluene
Concen: 20.087 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 92 Resp: 152947
Ion Ratio Lower Upper
92 100
91 170.3 138.6 207.8





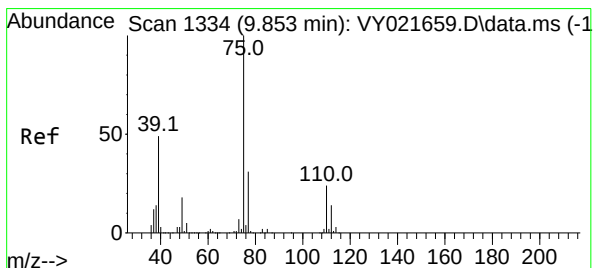
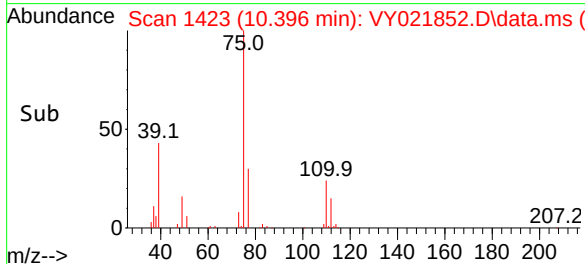
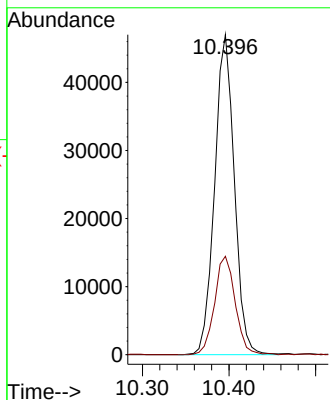
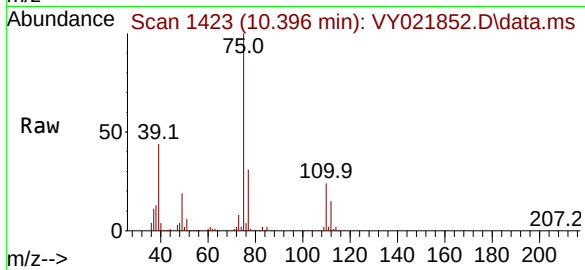
#53
t-1,3-Dichloropropene
Concen: 19.363 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Tgt Ion: 75 Resp: 7419
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9

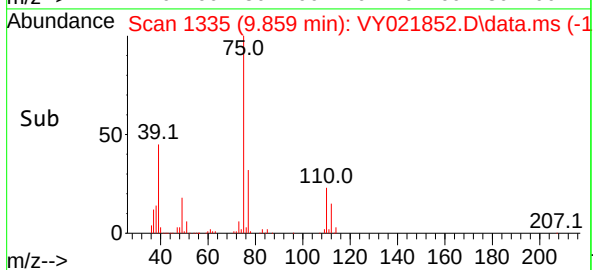
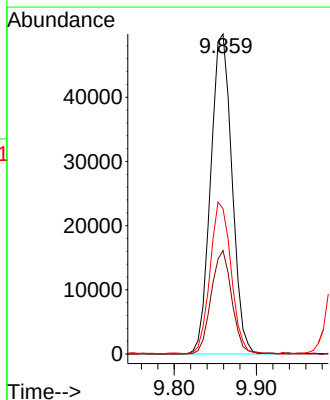
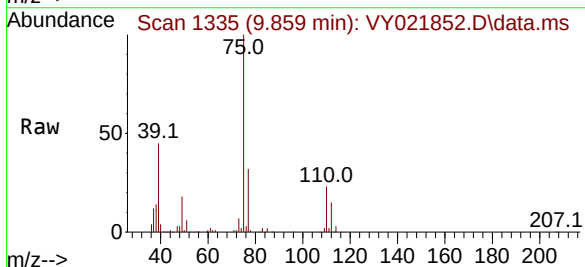
Manual Integrations
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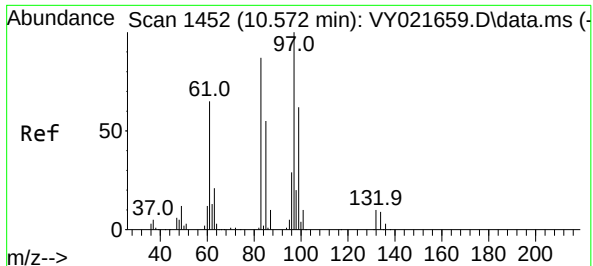
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#54
cis-1,3-Dichloropropene
Concen: 19.891 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 75 Resp: 89915
Ion Ratio Lower Upper
75 100
77 32.3 24.9 37.3
39 45.4 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.133 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 97 Resp: 4313

Ion Ratio Lower Upper

97 100

83 83.0 69.5 104.3

85 55.7 43.9 65.9

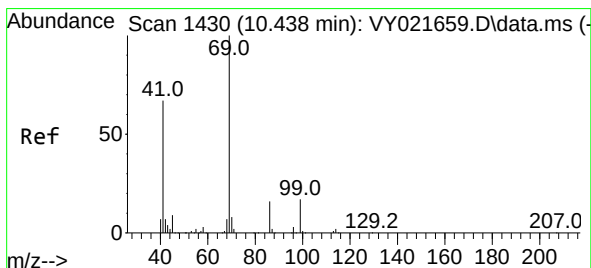
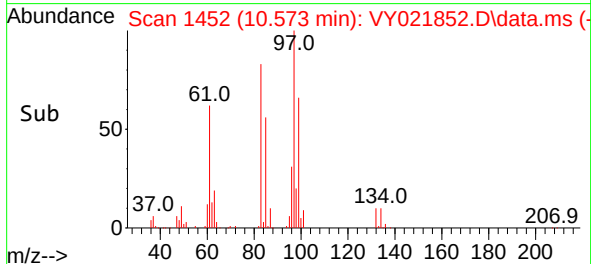
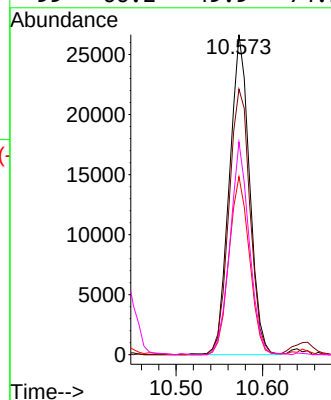
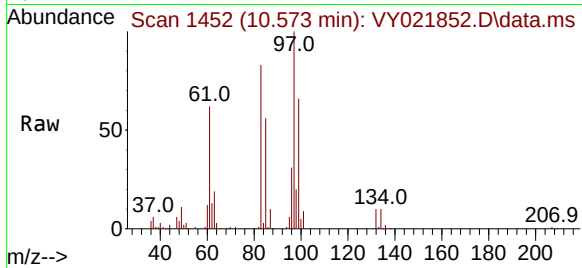
99 66.2 49.9 74.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#56

Ethyl methacrylate

Concen: 19.720 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

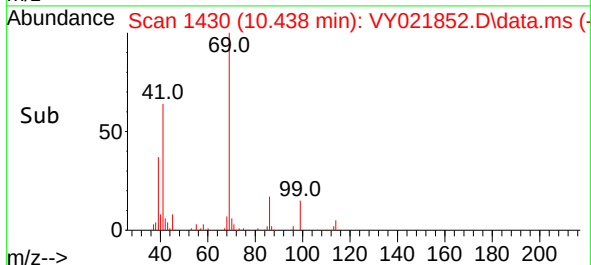
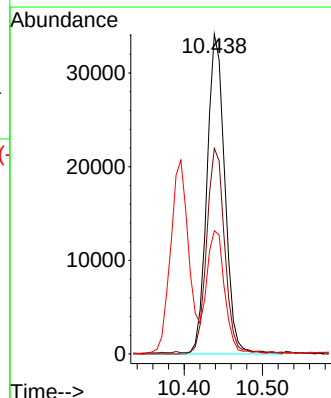
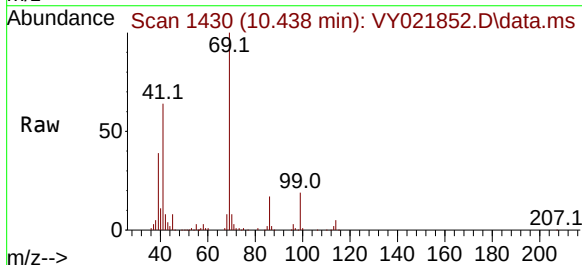
Tgt Ion: 69 Resp: 53948

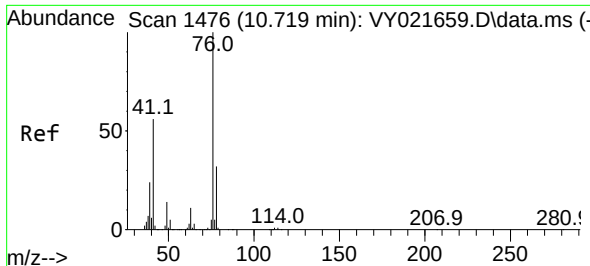
Ion Ratio Lower Upper

69 100

41 63.5 53.8 80.6

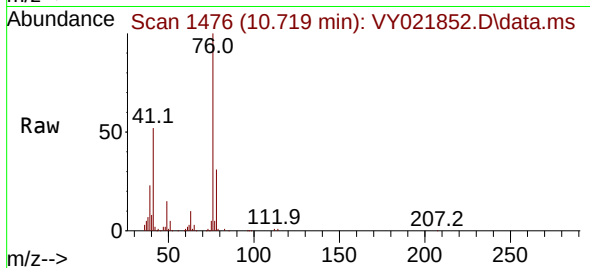
39 37.7 29.6 44.4





#57
1,3-Dichloropropane
Concen: 20.321 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

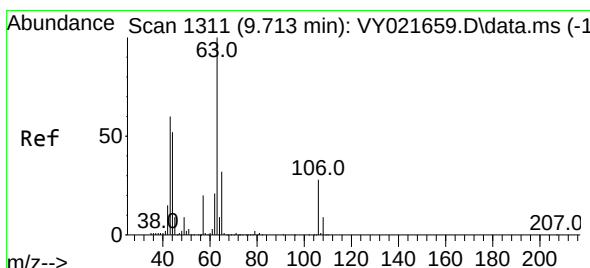
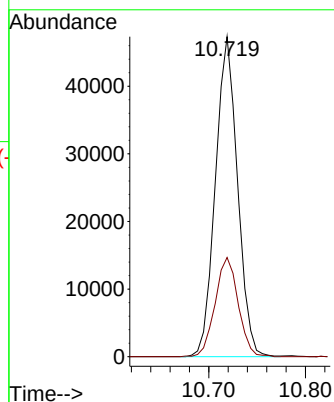
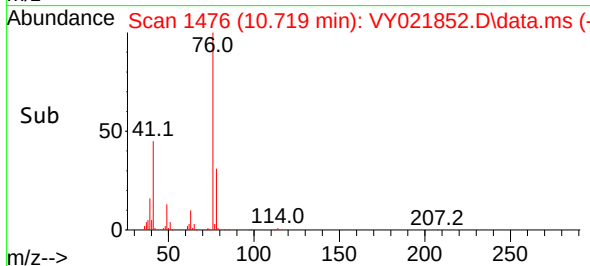
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



Tgt Ion: 76 Resp: 7519
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

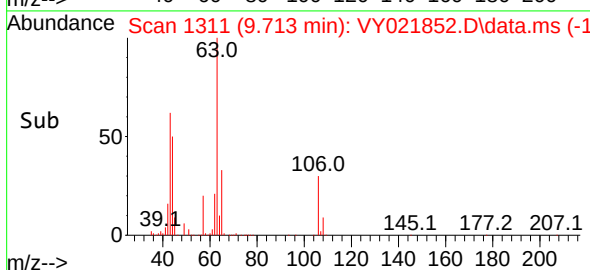
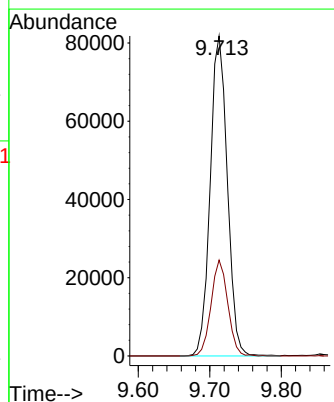
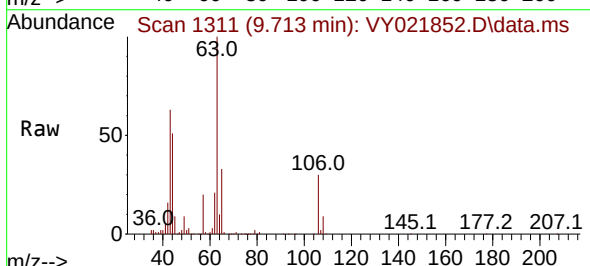
Manual Integrations
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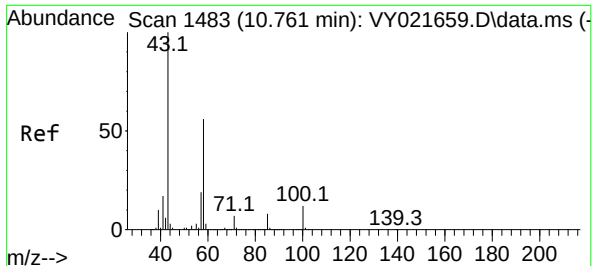
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 102.058 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

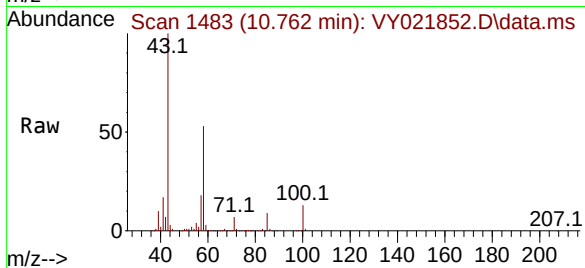
Tgt Ion: 63 Resp: 136203
Ion Ratio Lower Upper
63 100
106 29.2 22.4 33.6





#59
2-Hexanone
Concen: 97.231 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

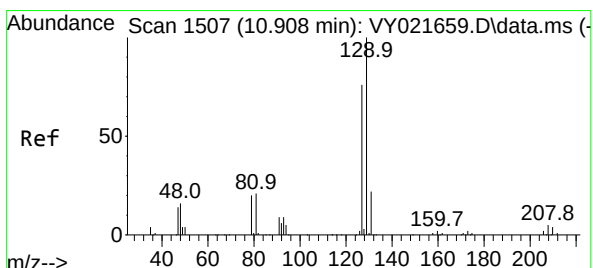
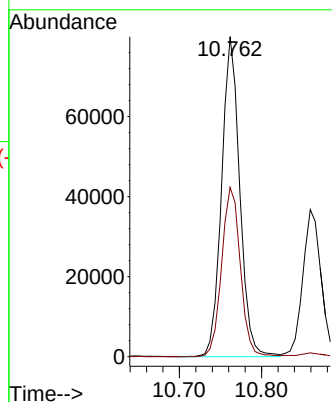
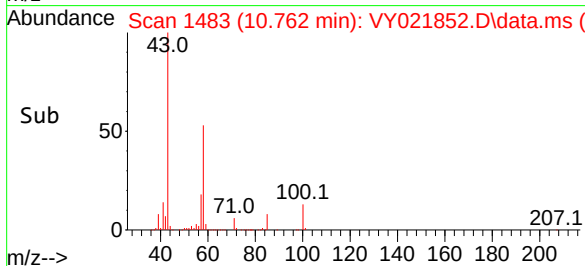
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



Tgt Ion: 43 Resp: 12281
Ion Ratio Lower Upper
43 100
58 54.6 27.2 81.5

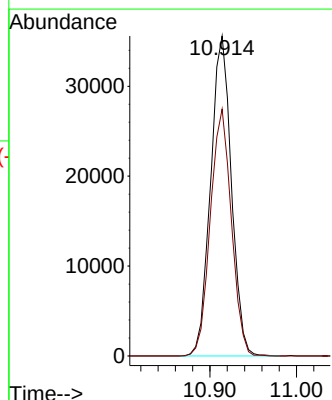
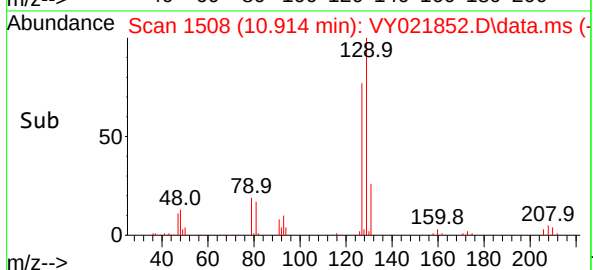
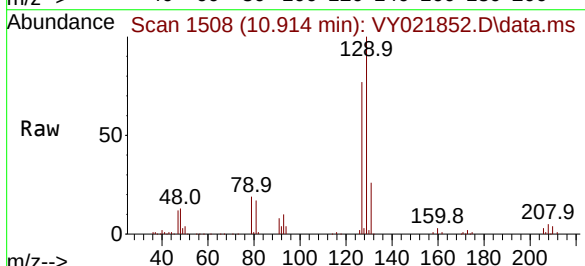
Manual Integrations
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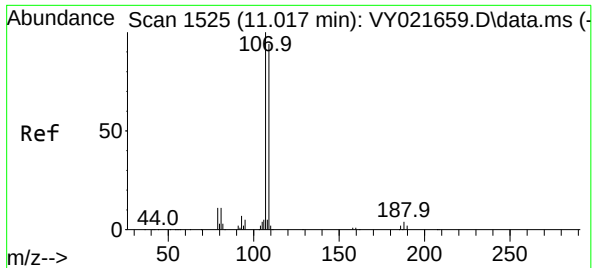
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#60
Dibromochloromethane
Concen: 20.276 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion:129 Resp: 59311
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7





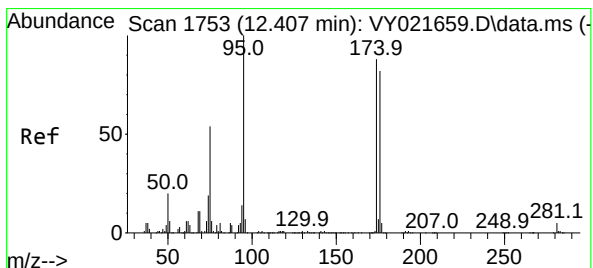
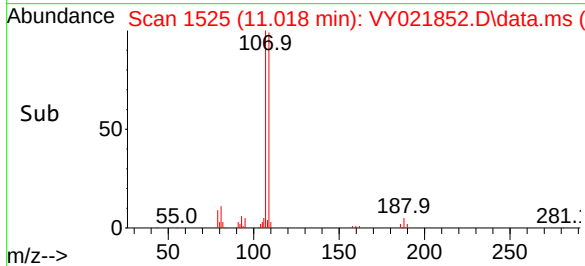
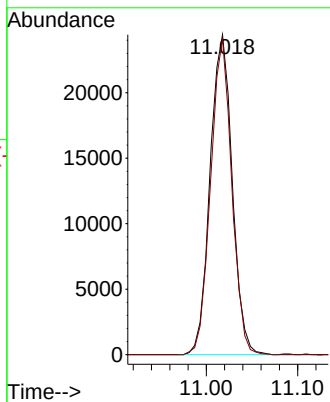
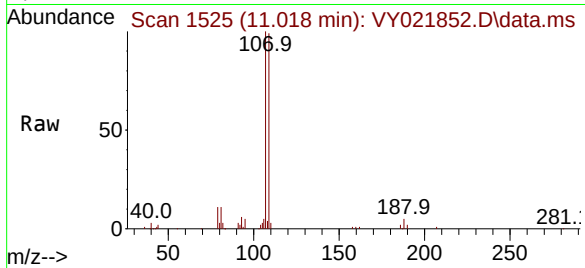
#61
1,2-Dibromoethane
Concen: 20.405 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Tgt Ion:107 Resp: 41010
Ion Ratio Lower Upper
107 100
109 94.2 74.4 111.6

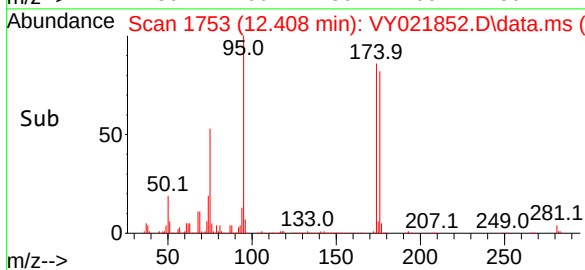
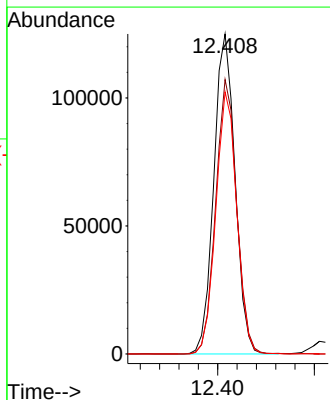
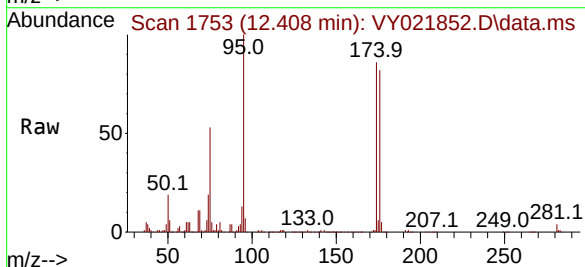
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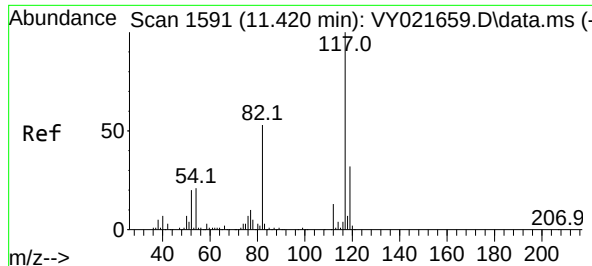
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#62
4-Bromofluorobenzene
Concen: 55.282 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

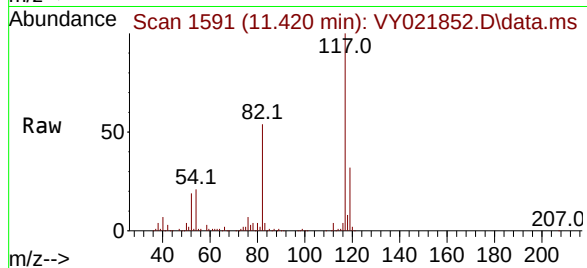
Tgt Ion: 95 Resp: 190322
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.8
176 80.9 0.0 162.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

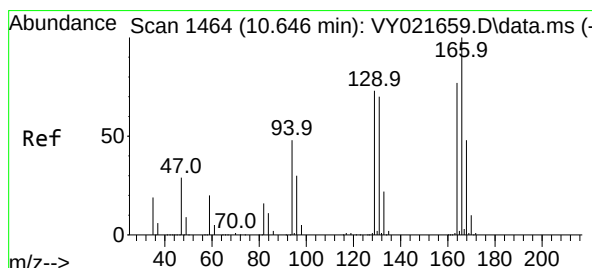
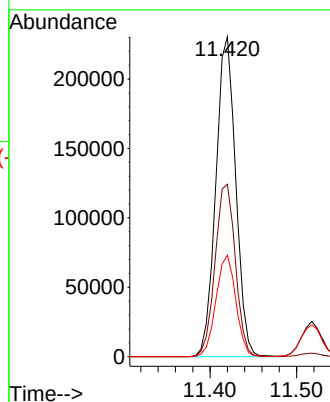
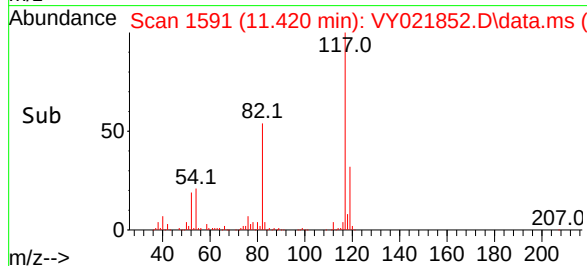
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



Tgt Ion:117 Resp: 367570
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 31.7 25.7 38.5

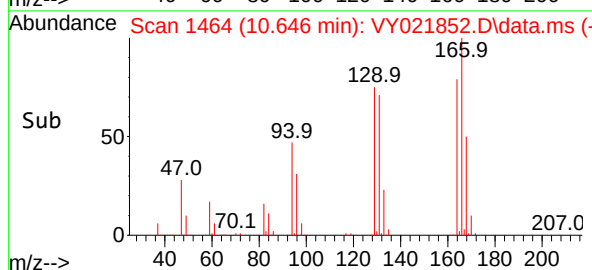
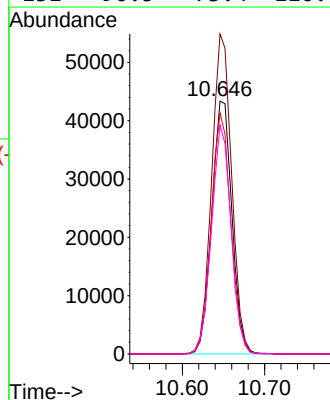
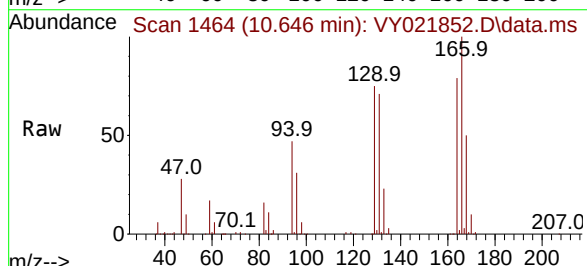
Manual Integrations
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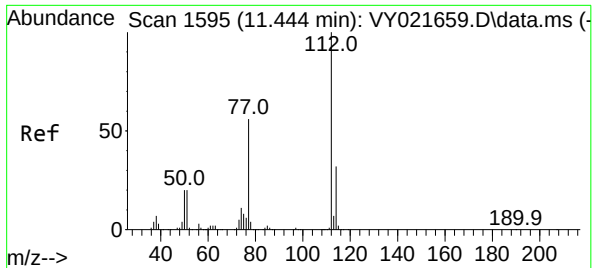
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#64
Tetrachloroethene
Concen: 22.066 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

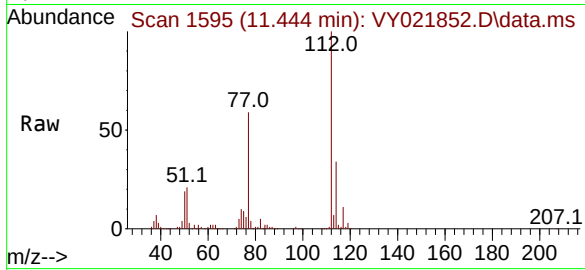
Tgt Ion:164 Resp: 73872
Ion Ratio Lower Upper
164 100
166 126.6 104.6 156.8
129 95.2 76.6 114.8
131 90.5 73.4 110.0





#65
Chlorobenzene
Concen: 19.790 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

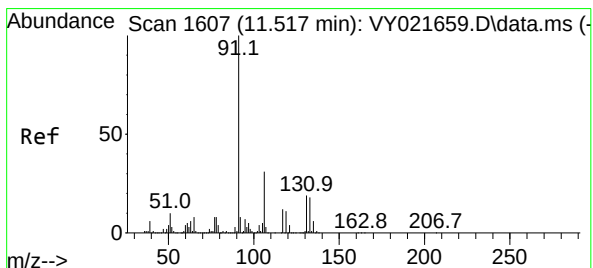
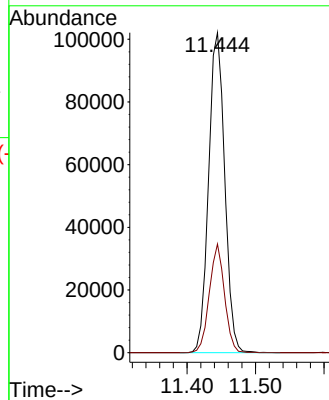
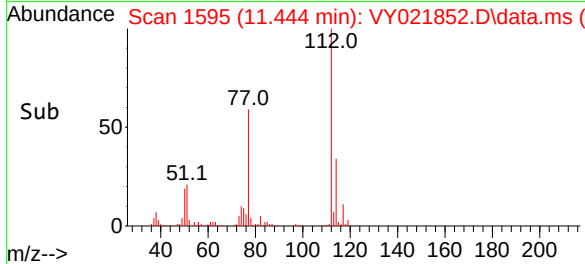
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



Tgt Ion:112 Resp: 166748
Ion Ratio Lower Upper
112 100
114 34.0 25.9 38.9

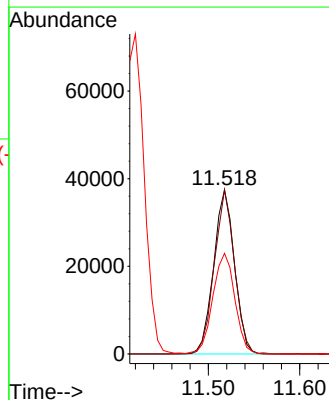
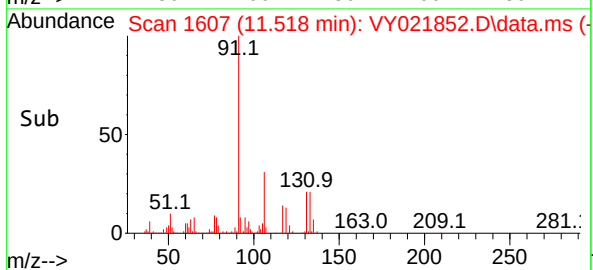
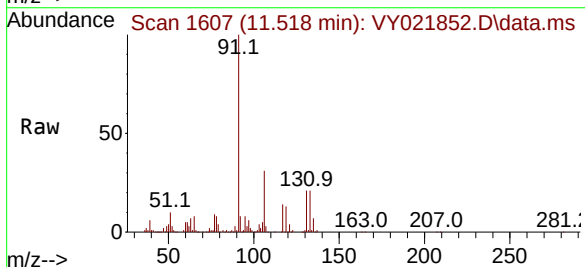
Manual Integrations
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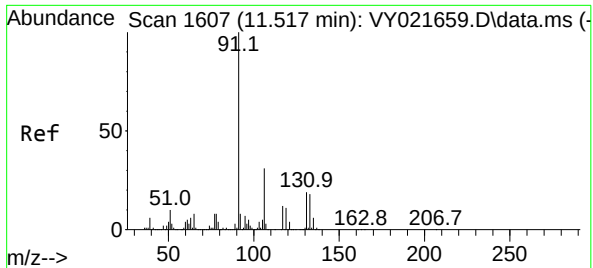
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.911 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion:131 Resp: 59523
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.8
119 64.5 31.6 95.0





#67

Ethyl Benzene

Concen: 19.485 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 91 Resp: 28153

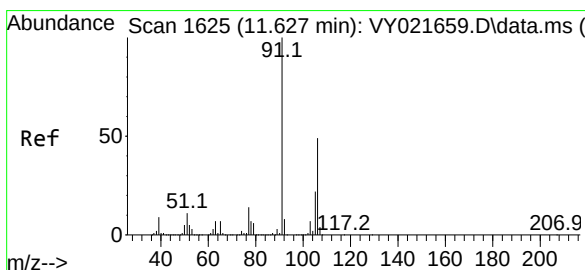
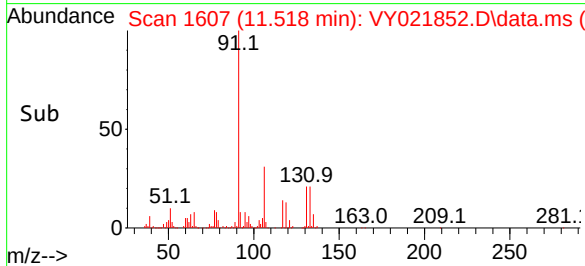
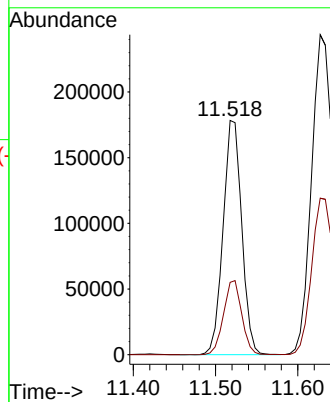
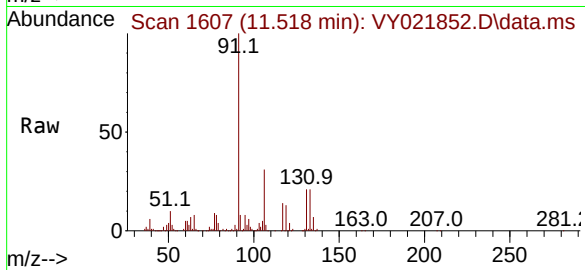
Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#68

m/p-Xylenes

Concen: 39.468 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021852.D

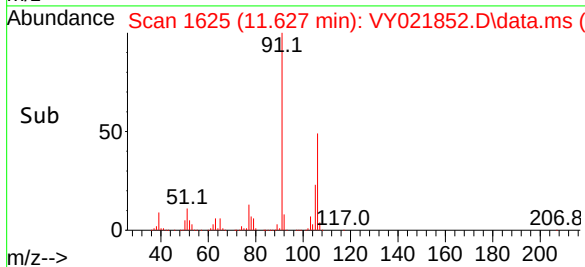
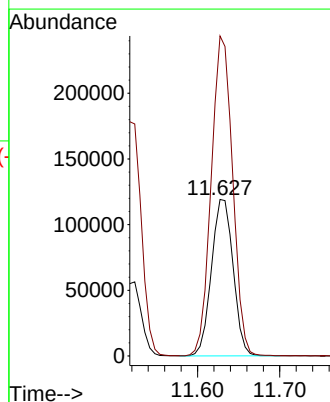
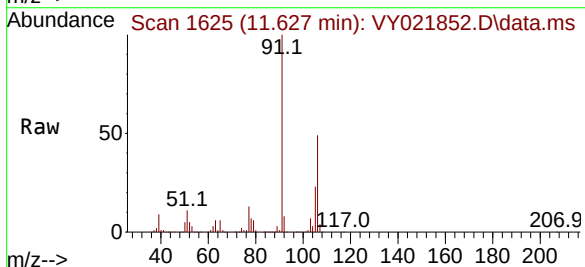
Acq: 11 Apr 2025 12:06

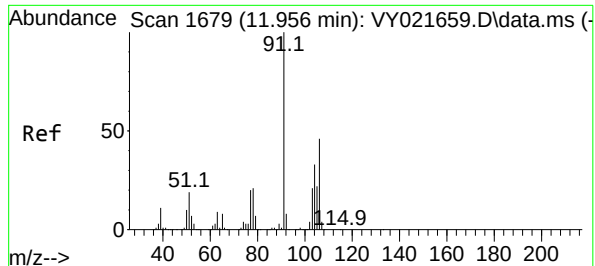
Tgt Ion:106 Resp: 218365

Ion Ratio Lower Upper

106 100

91 202.1 162.4 243.6





#69

o-Xylene

Concen: 19.983 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion:106 Resp: 102058

Ion Ratio Lower Upper

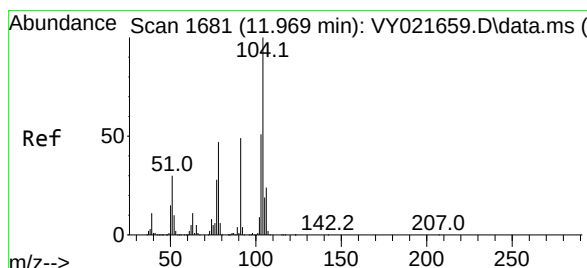
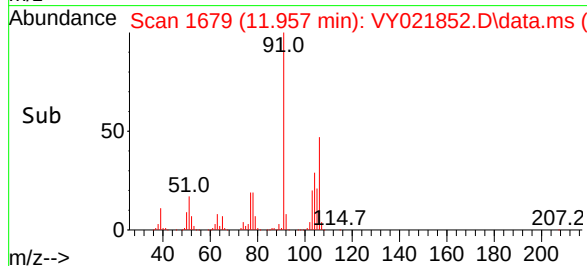
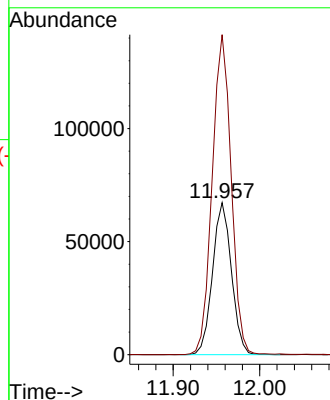
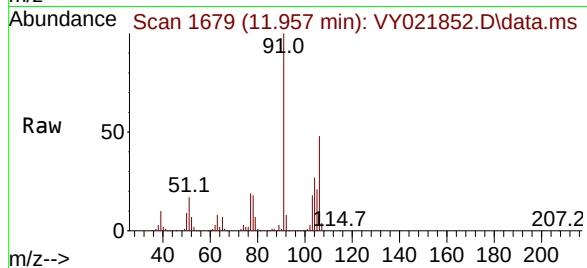
106 100

91 211.1 106.7 319.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#70

Styrene

Concen: 19.785 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

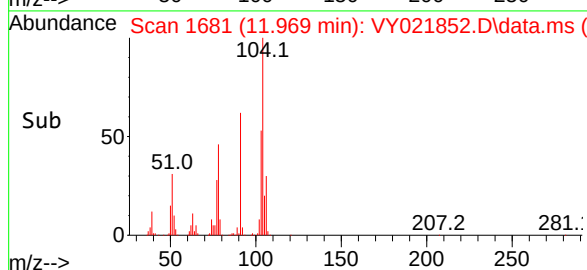
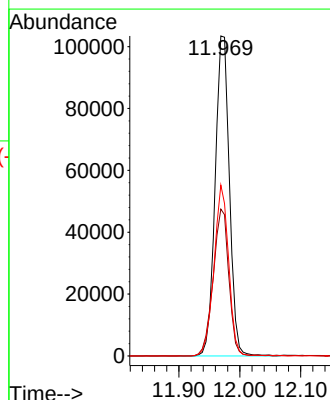
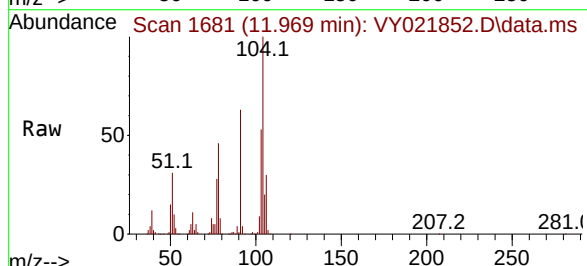
Tgt Ion:104 Resp: 168475

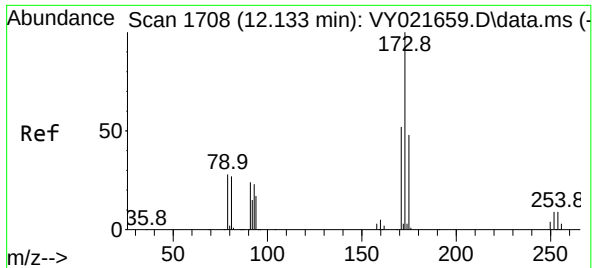
Ion Ratio Lower Upper

104 100

78 50.1 40.8 61.2

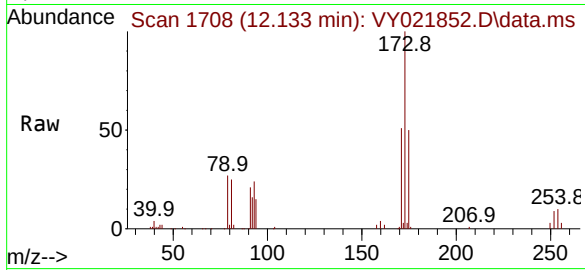
103 54.8 44.2 66.2





#71
Bromoform
Concen: 20.365 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

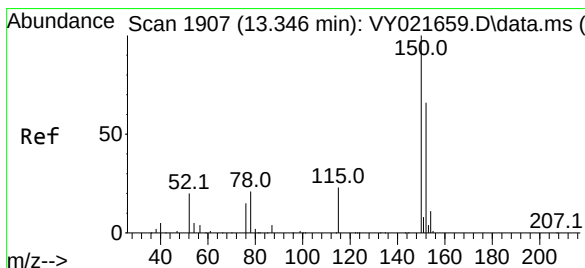
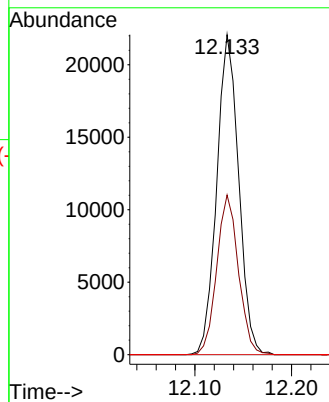
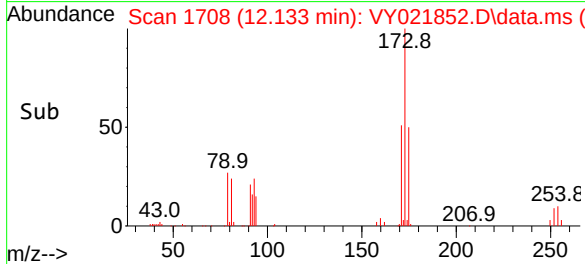
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



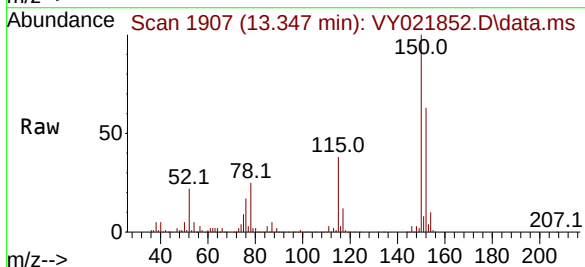
Tgt Ion:173 Resp: 34728
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.0 0.1 0.1

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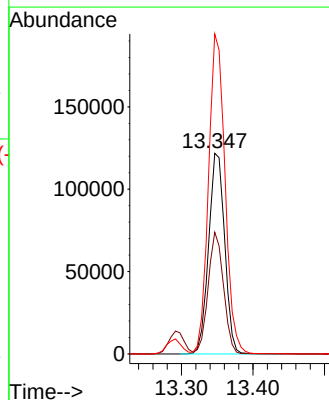
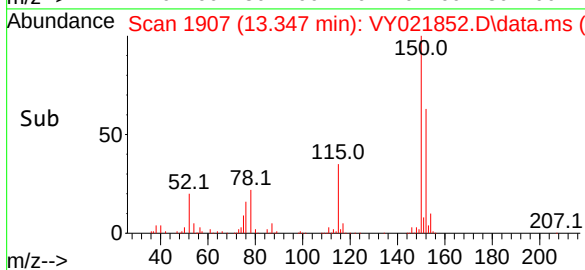
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

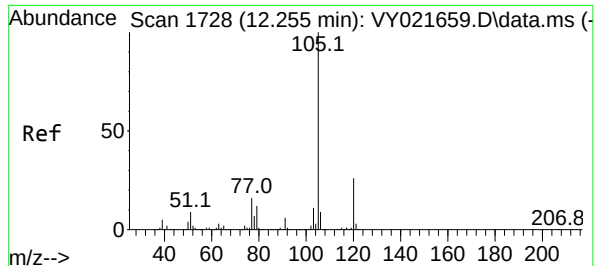


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06



Tgt Ion:152 Resp: 190311
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 163.7 0.0 348.4





#73

Isopropylbenzene

Concen: 18.950 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion:105 Resp: 267864

Ion Ratio Lower Upper

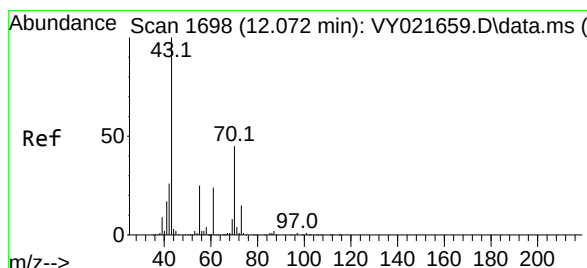
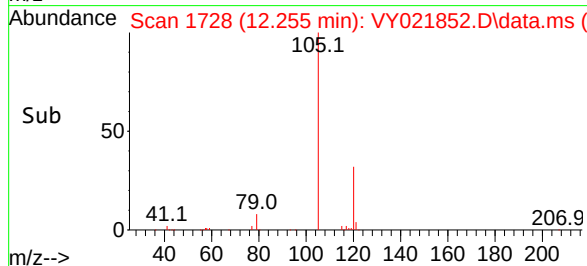
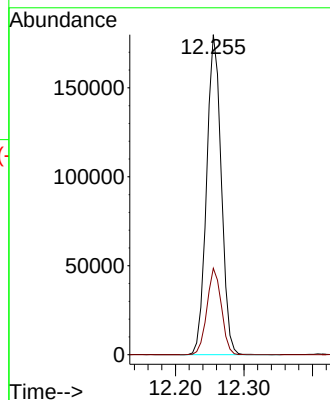
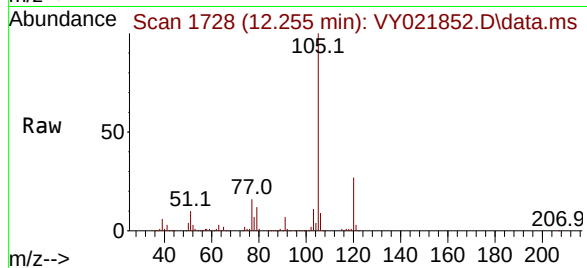
105 100

120 26.6 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#74

N-ethyl acetate

Concen: 18.142 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Tgt Ion: 43 Resp: 60183

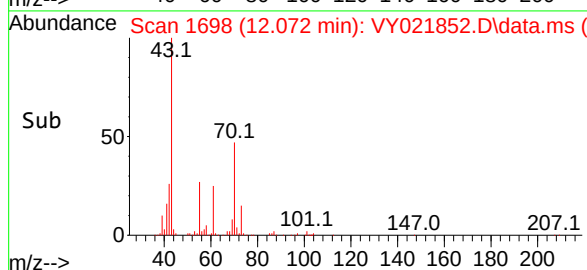
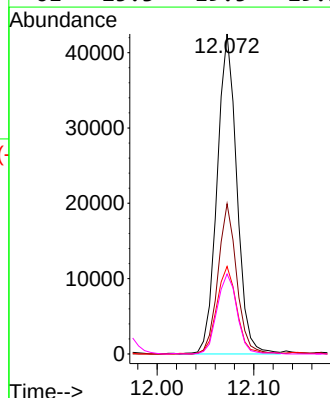
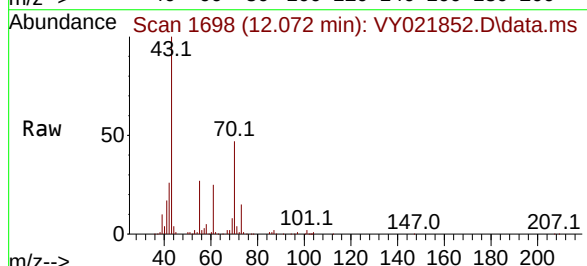
Ion Ratio Lower Upper

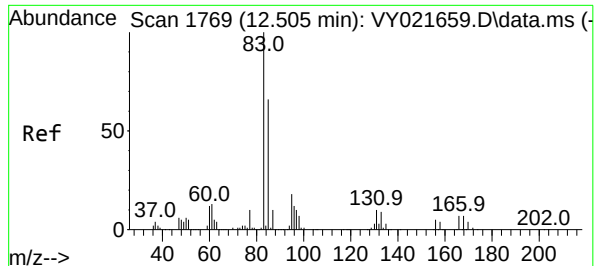
43 100

70 44.5 34.7 52.1

55 27.8 21.2 31.8

61 25.3 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.935 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

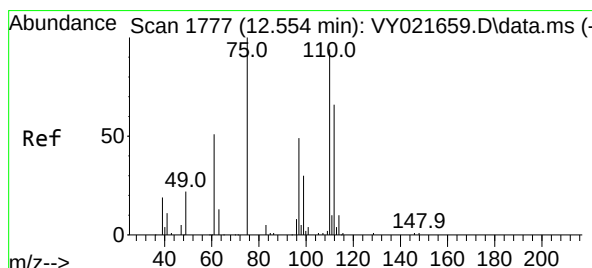
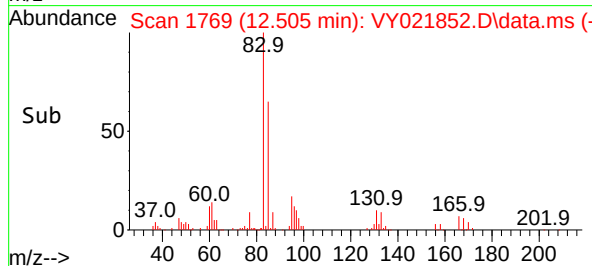
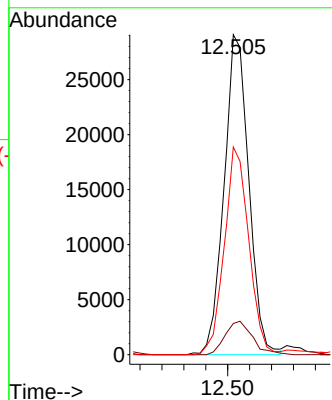
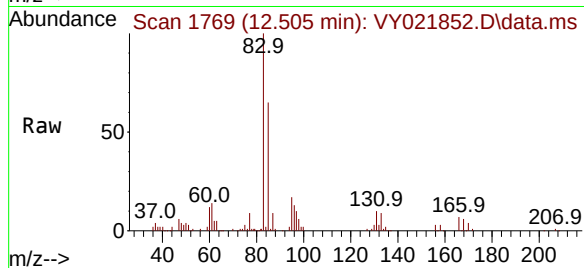
VY0411SBS01

Tgt Ion:	83	Resp:	45580
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.1	15.3
85	64.3	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#76

1,2,3-Trichloropropane

Concen: 20.364 ug/l m

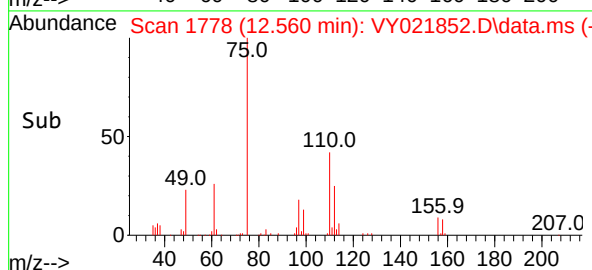
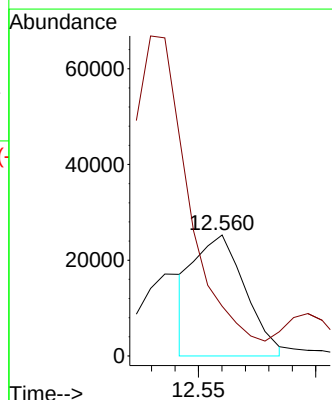
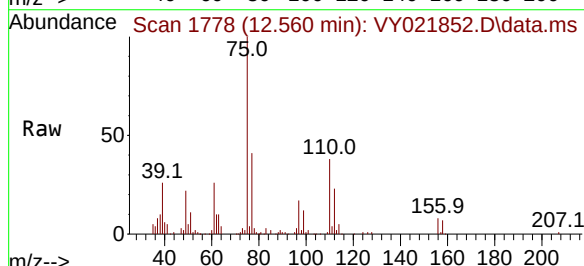
RT: 12.560 min Scan# 1778

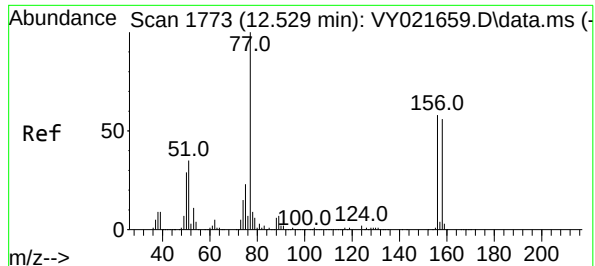
Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Tgt Ion:	75	Resp:	38417
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.220 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion:156 Resp: 65230

Ion Ratio Lower Upper

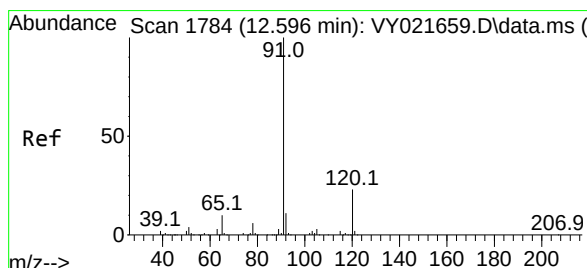
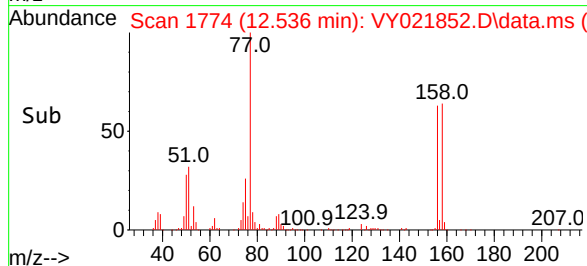
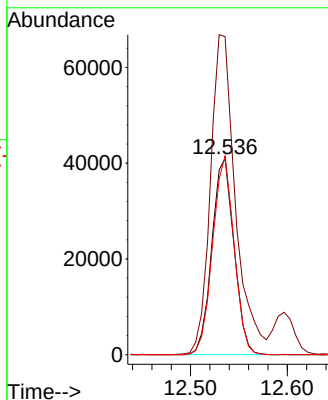
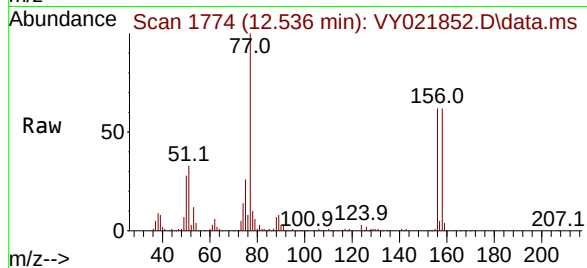
156 100

77 184.6 92.8 278.3

158 97.8 48.5 145.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#78

n-propylbenzene

Concen: 19.215 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021852.D

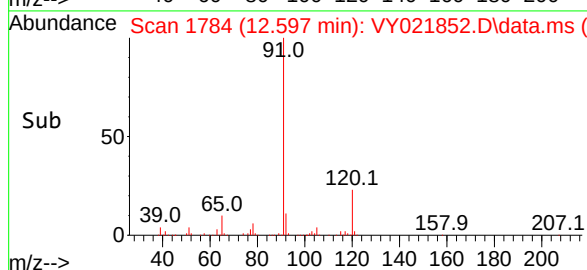
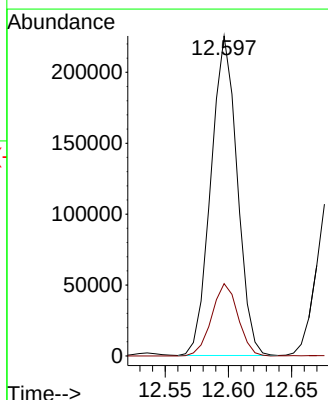
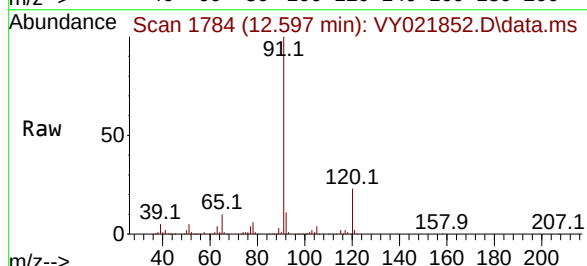
Acq: 11 Apr 2025 12:06

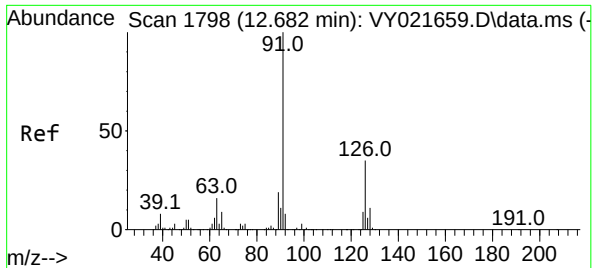
Tgt Ion: 91 Resp: 326537

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9





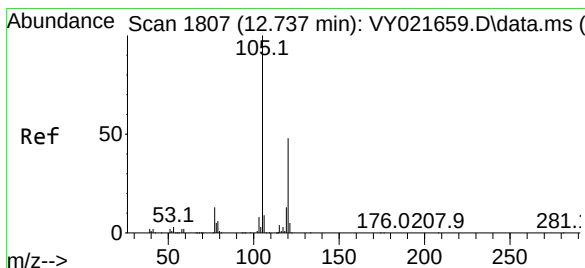
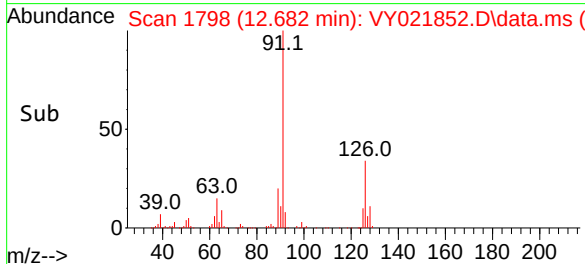
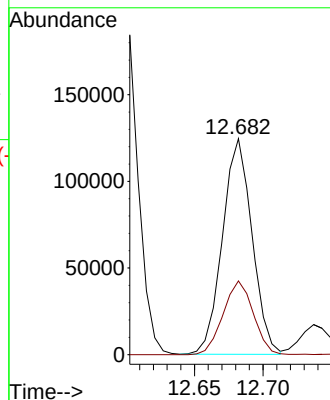
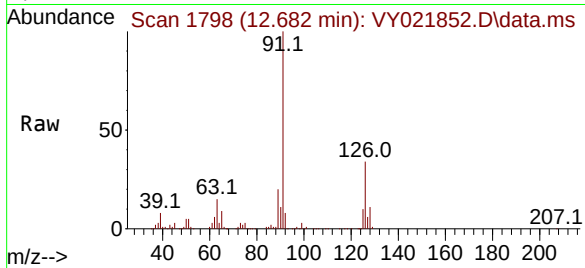
#79
2-Chlorotoluene
Concen: 18.933 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Tgt Ion: 91 Resp: 186879
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0

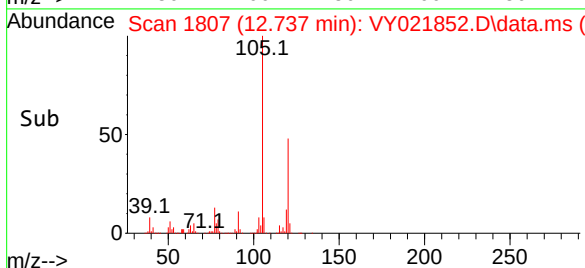
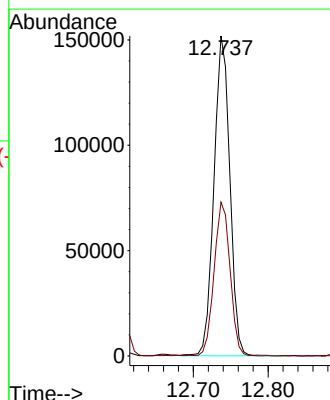
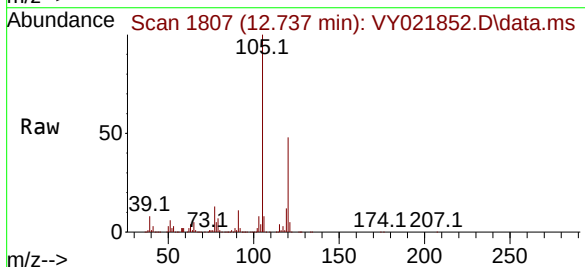
Manual Integrations
APPROVED

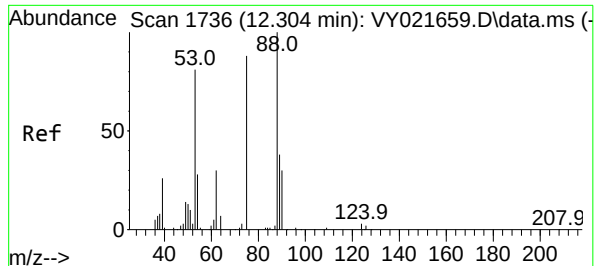
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.393 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

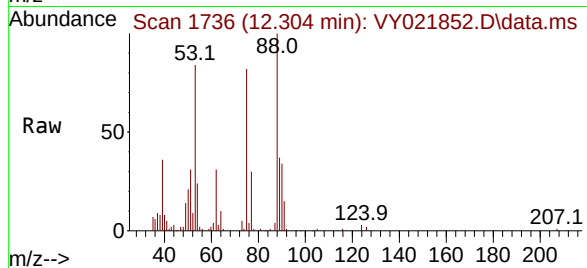
Tgt Ion:105 Resp: 224041
Ion Ratio Lower Upper
105 100
120 48.5 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 17.767 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

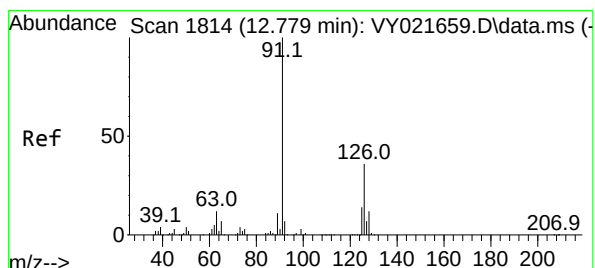
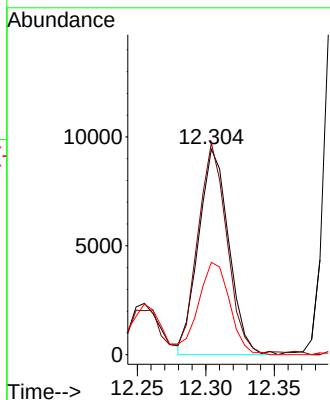
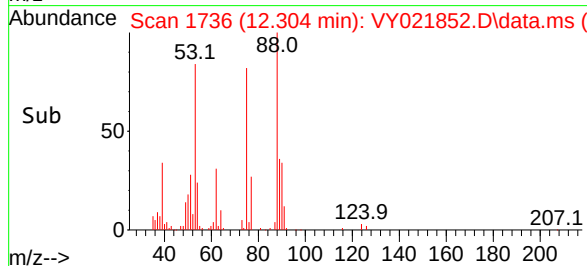
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



Tgt Ion: 75 Resp: 14540
Ion Ratio Lower Upper
75 100
53 96.1 76.1 114.1
89 46.1 36.2 54.4

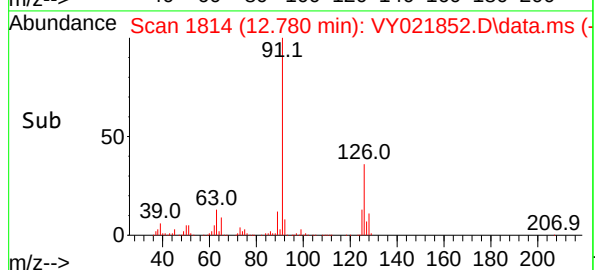
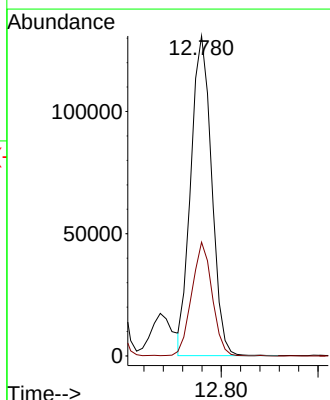
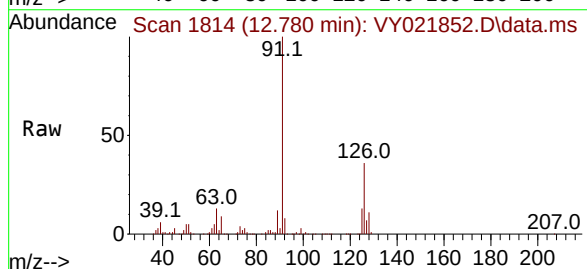
Manual Integrations
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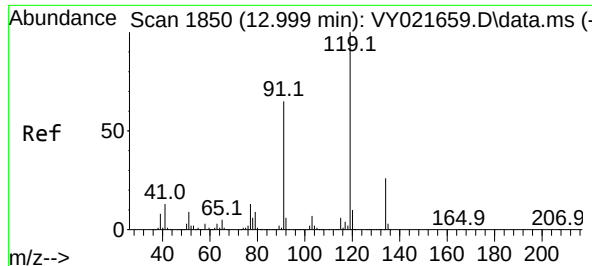
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#82
4-Chlorotoluene
Concen: 18.953 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 91 Resp: 195026
Ion Ratio Lower Upper
91 100
126 34.9 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.809 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion:119 Resp: 19353

Ion Ratio Lower Upper

119 100

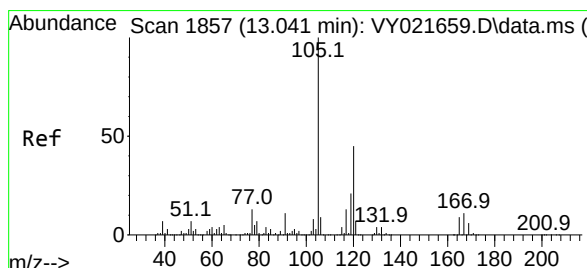
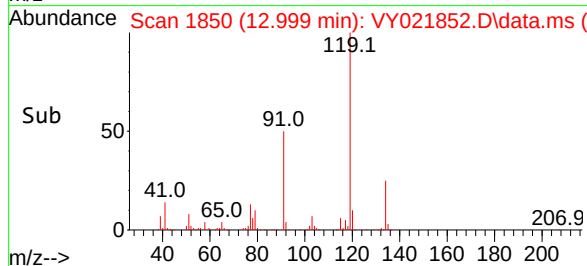
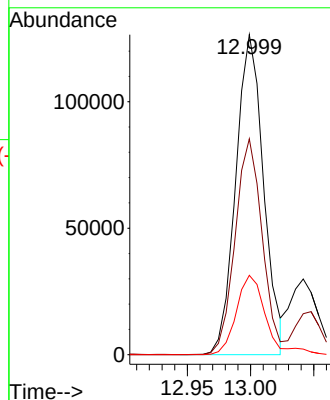
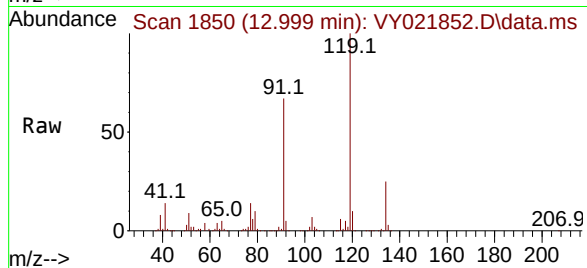
91 65.3 32.6 97.7

134 26.2 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.729 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021852.D

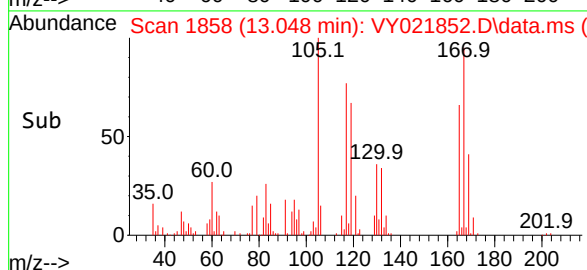
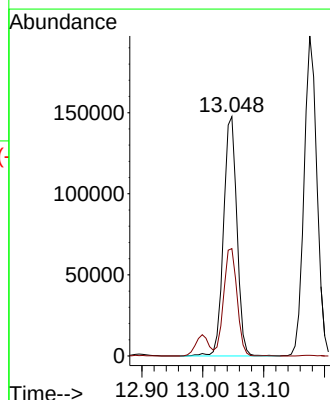
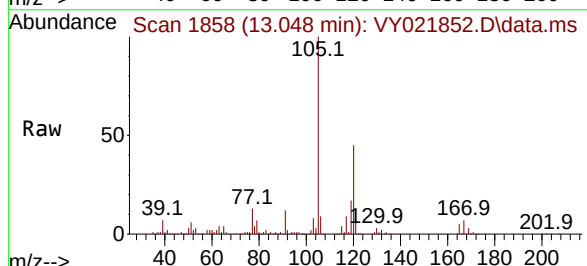
Acq: 11 Apr 2025 12:06

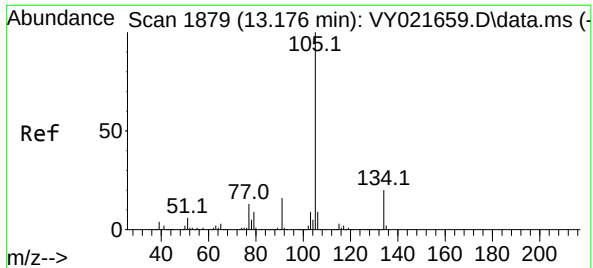
Tgt Ion:105 Resp: 225265

Ion Ratio Lower Upper

105 100

120 44.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.183 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion:105 Resp: 288462

Ion Ratio Lower Upper

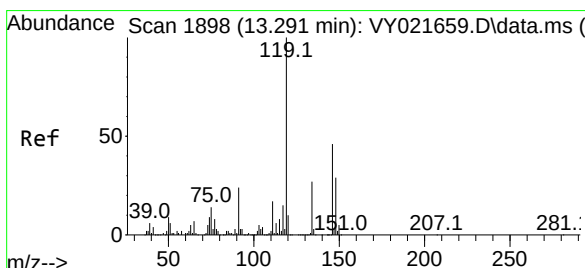
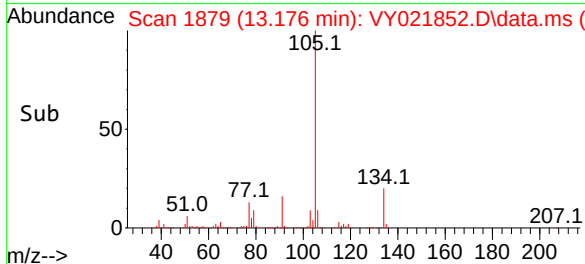
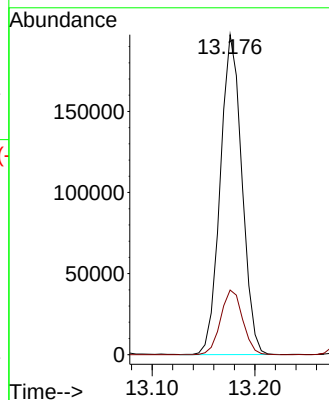
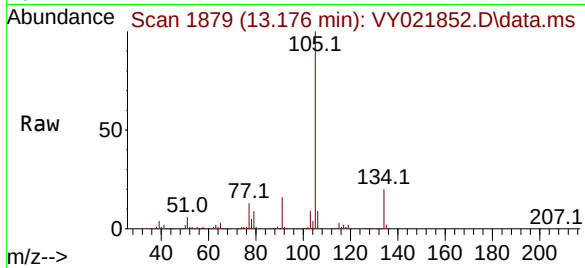
105 100

134 20.5 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#86

p-Isopropyltoluene

Concen: 19.314 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

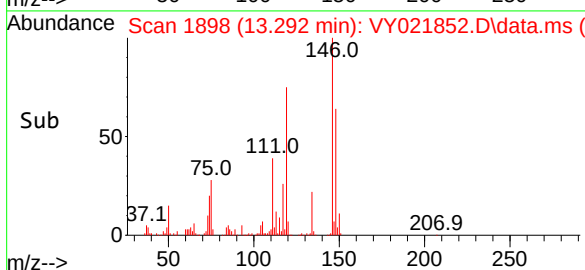
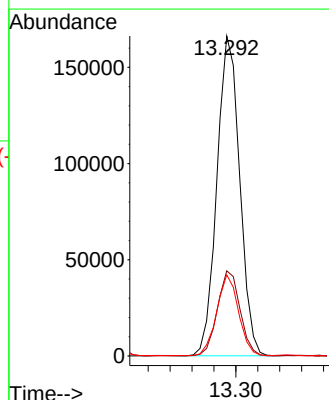
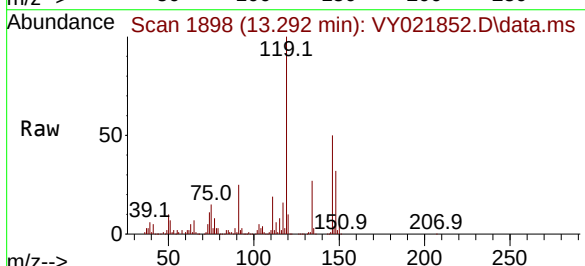
Tgt Ion:119 Resp: 240050

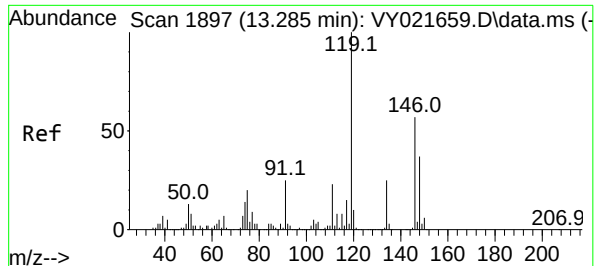
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 24.2 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.367 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion:146 Resp: 129499

Ion Ratio Lower Upper

146 100

111 40.9 20.0 60.0

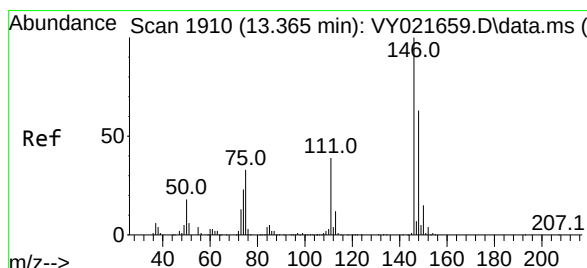
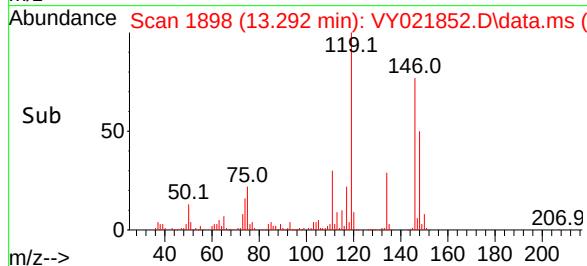
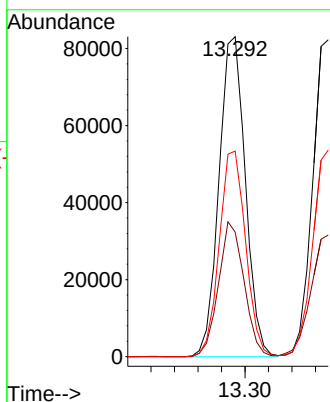
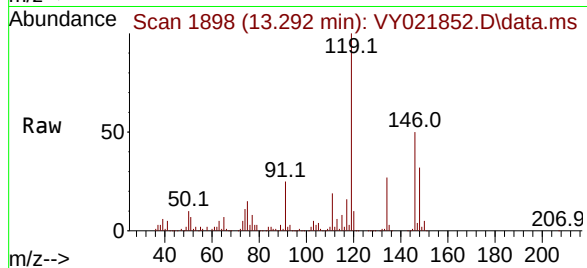
148 64.3 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#88

1,4-Dichlorobenzene

Concen: 19.473 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

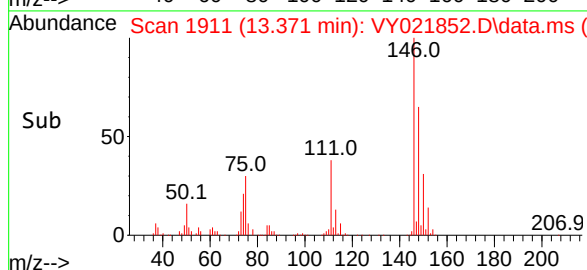
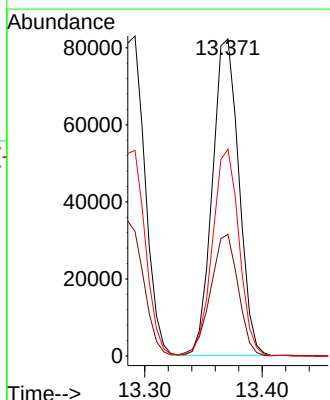
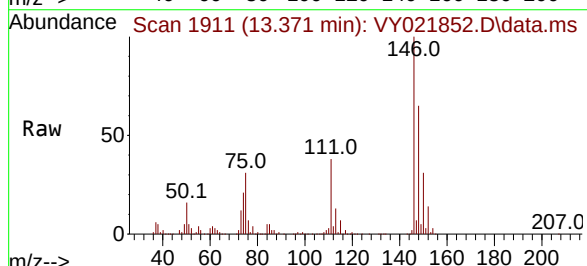
Tgt Ion:146 Resp: 128644

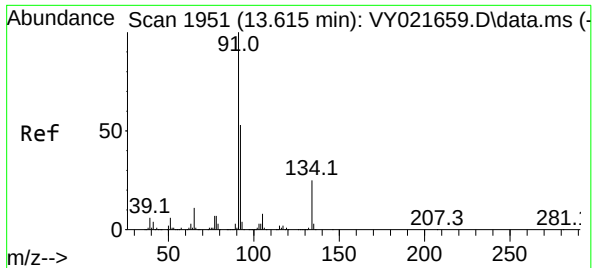
Ion Ratio Lower Upper

146 100

111 40.3 19.1 57.1

148 65.9 31.5 94.5





#89

n-Butylbenzene

Concen: 18.762 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 91 Resp: 21564

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

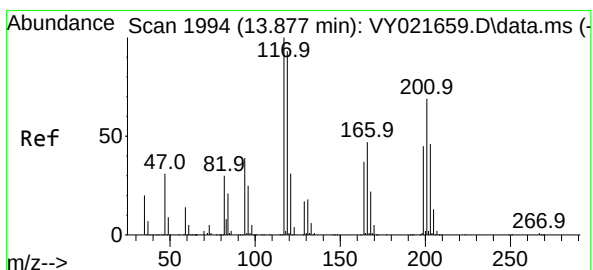
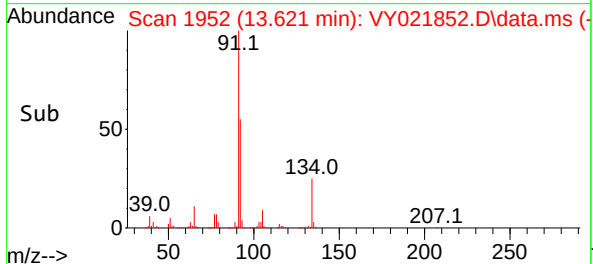
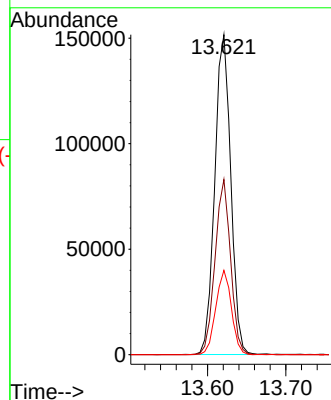
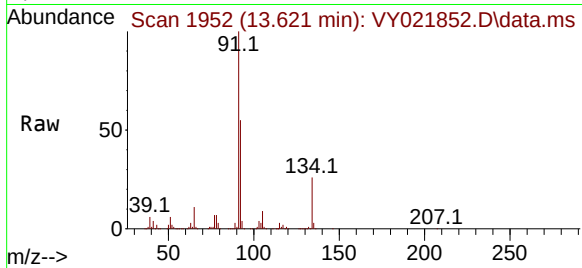
134 25.7 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#90

Hexachloroethane

Concen: 18.730 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021852.D

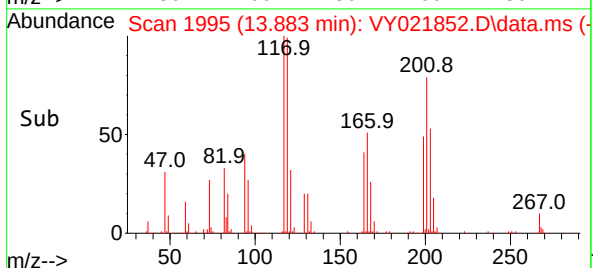
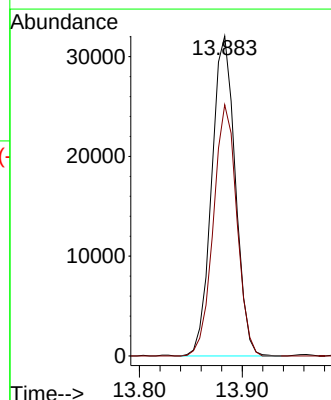
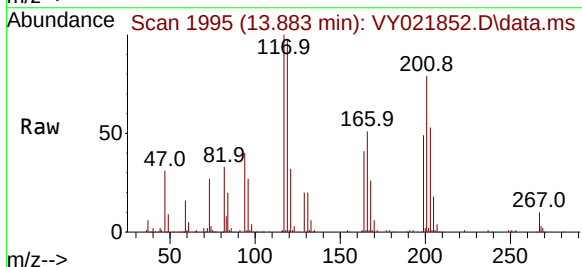
Acq: 11 Apr 2025 12:06

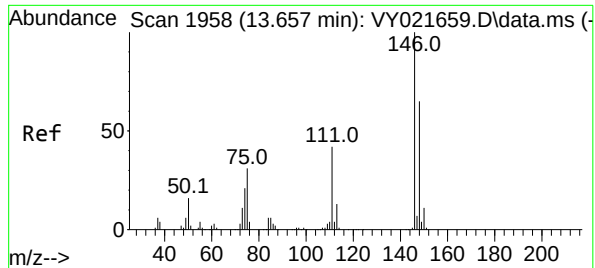
Tgt Ion:117 Resp: 51012

Ion Ratio Lower Upper

117 100

201 78.1 37.4 112.1





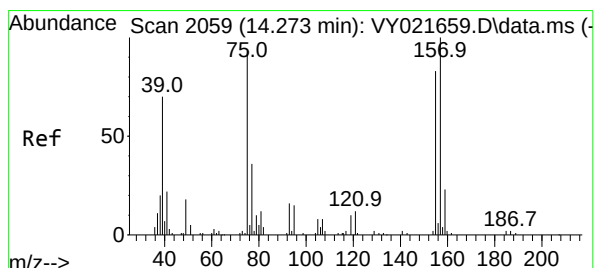
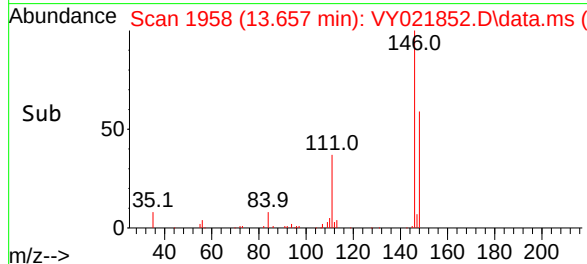
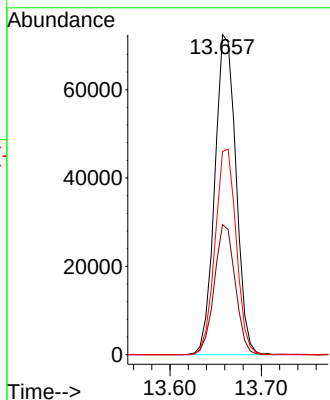
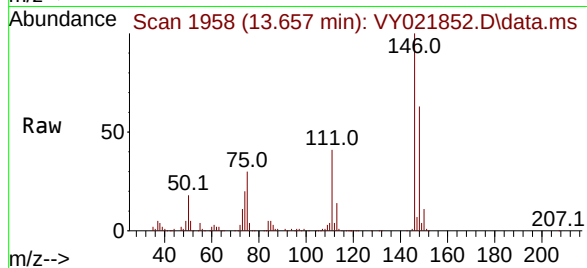
#91
1,2-Dichlorobenzene
Concen: 20.123 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Tgt Ion:146 Resp: 117128
Ion Ratio Lower Upper
146 100
111 40.0 20.7 62.1
148 64.0 32.3 96.9

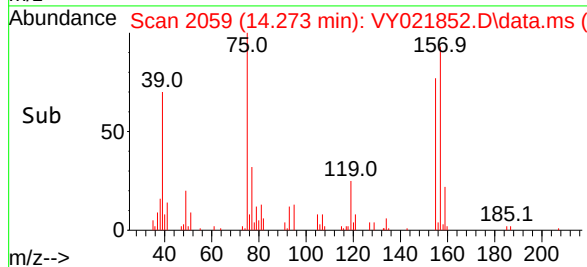
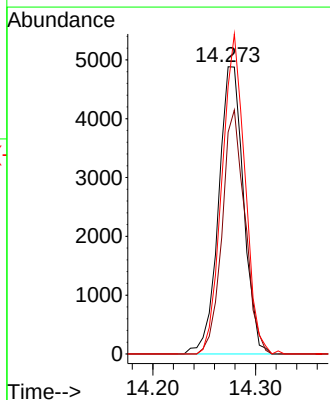
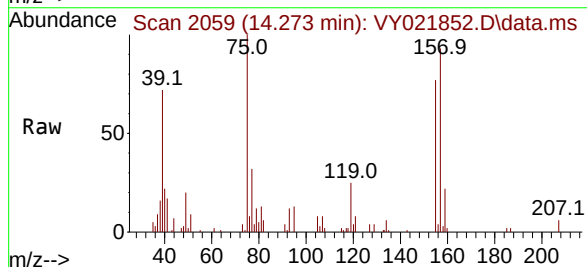
Manual Integrations
APPROVED

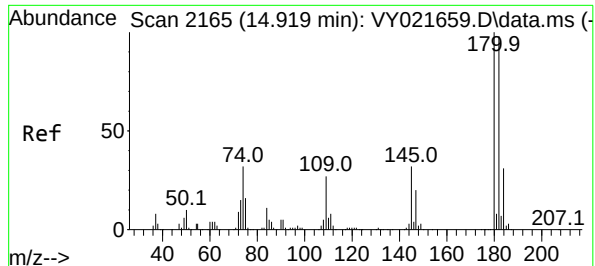
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.907 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 75 Resp: 8235
Ion Ratio Lower Upper
75 100
155 77.3 43.0 128.8
157 102.3 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.147 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

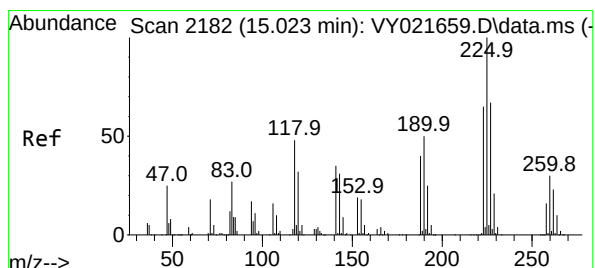
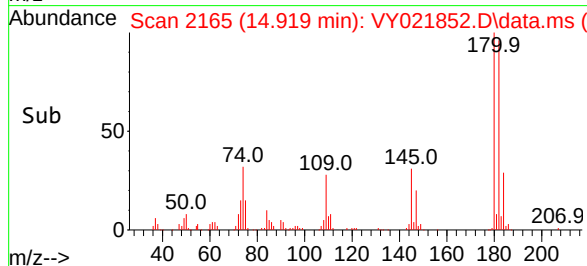
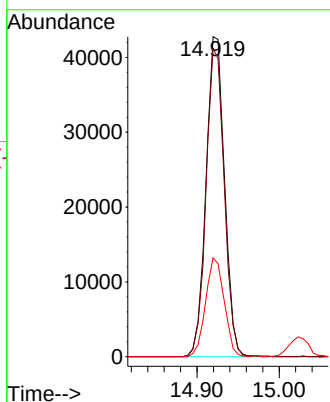
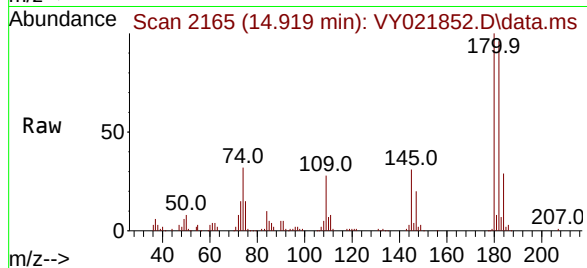
VY0411SBS01

Tgt Ion:	180	Resp:	6675
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.5	142.6
145	31.0	14.9	44.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#94

Hexachlorobutadiene

Concen: 20.822 ug/l

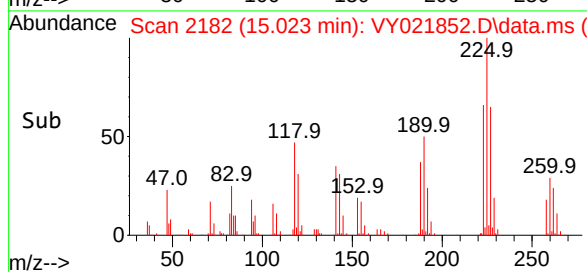
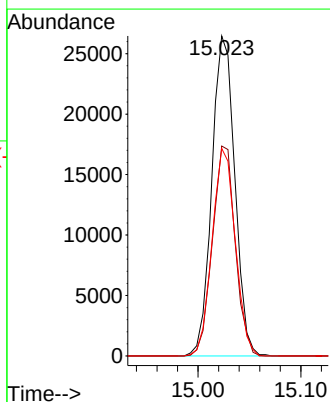
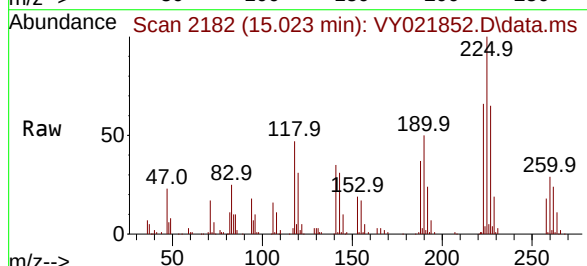
RT: 15.023 min Scan# 2182

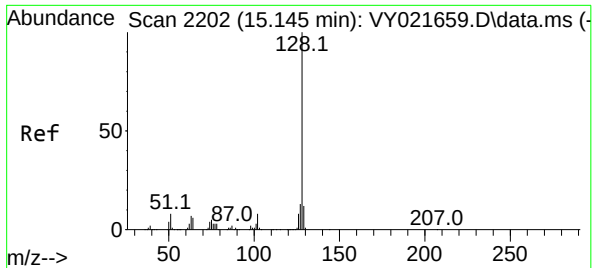
Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

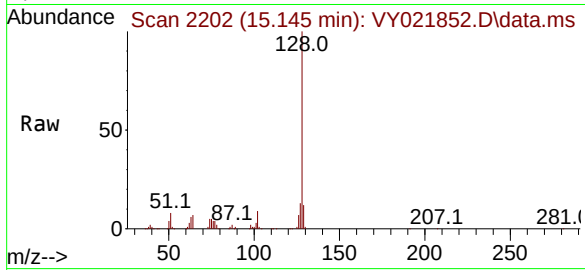
Tgt Ion:	225	Resp:	41048
Ion Ratio	Lower	Upper	
225	100		
223	64.9	31.9	95.7
227	65.4	32.4	97.0





#95
Naphthalene
Concen: 20.792 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

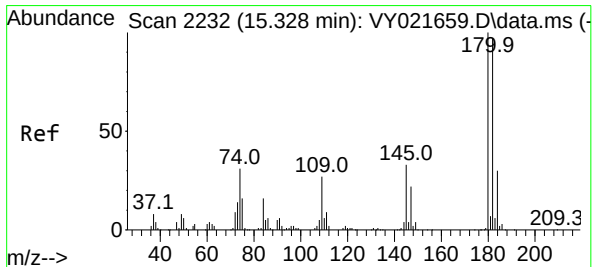
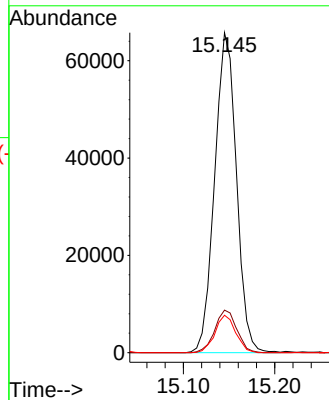
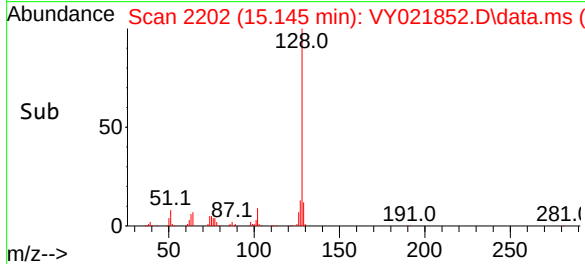
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



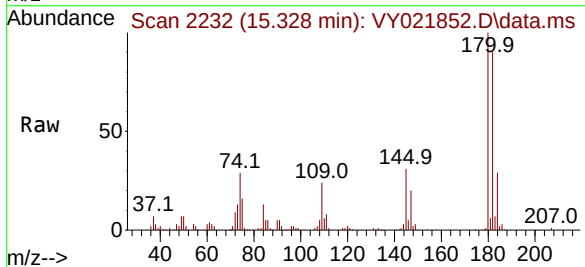
Tgt Ion:128 Resp: 108783
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.2 8.8 13.2

Manual Integrations
APPROVED

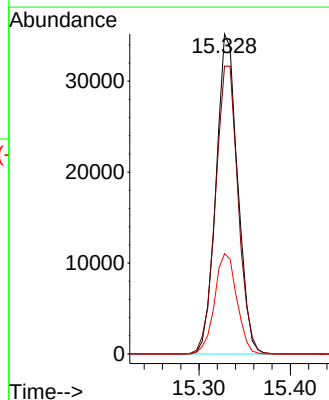
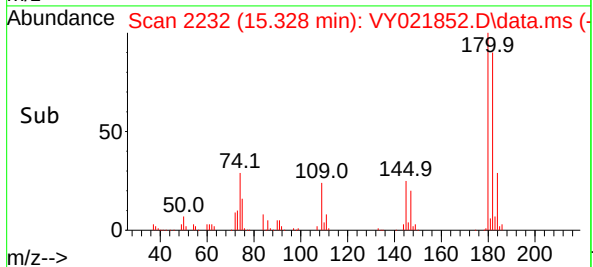
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 21.402 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06



Tgt Ion:180 Resp: 57607
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.5
145 32.3 15.9 47.7



Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBSD01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBSD01	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
VY021853.D	1		04/11/25 12:28	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	18.3		1.10	5.00	ug/Kg
74-87-3	Chloromethane	16.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	17.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	17.5		1.10	5.00	ug/Kg
75-00-3	Chloroethane	17.1		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	19.0		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.5		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	19.8		1.00	5.00	ug/Kg
67-64-1	Acetone	84.8		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	17.9		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.6		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	21.8		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	20.4		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.5		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	19.9		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	18.2		0.79	5.00	ug/Kg
78-93-3	2-Butanone	90.6		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.2		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.2		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	18.0		1.20	5.00	ug/Kg
67-66-3	Chloroform	20.0		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.1		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	19.1		0.91	5.00	ug/Kg
71-43-2	Benzene	20.3		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	19.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	19.9		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.0		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	94.4		3.60	25.0	ug/Kg
108-88-3	Toluene	20.5		0.78	5.00	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBSD01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBSD01	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
VY021853.D	1		04/11/25 12:28	VY041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.9		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.6		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.6		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	93.4		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.5		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	19.9		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	22.4		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.4		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.1		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.8		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.5		0.82	5.00	ug/Kg
100-42-5	Styrene	20.6		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.4		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.7		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	18.0		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.3		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.2		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.1		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.9		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	22.5		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.6		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	53.9		70 (70) - 130 (134)	108%	SPK: 50
2037-26-5	Toluene-d8	53.1		70 (74) - 130 (123)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.5		70 (38) - 130 (136)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	262000	7.707			
540-36-3	1,4-Difluorobenzene	410000	8.616			
3114-55-4	Chlorobenzene-d5	363000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	188000	13.347			



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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VY0411SBSD01	SDG No.:	Q1761
Lab Sample ID:	VY0411SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021853.D	1		04/11/25 12:28	VY041125

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\VY041125\
 Data File : VY021853.D
 Acq On : 11 Apr 2025 12:28
 Operator : SY/MD
 Sample : VY0411SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025

Quant Time: Apr 12 02:47:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	261813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	409914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	362626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	188335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143603	50.624	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.240%			
35) Dibromofluoromethane	7.634	113	143350	53.910	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.820%			
50) Toluene-d8	10.103	98	537312	53.116	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.240%			
62) 4-Bromofluorobenzene	12.408	95	186390	54.474	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	49656	18.299	ug/l	99
3) Chloromethane	2.068	50	62767	16.449	ug/l	97
4) Vinyl Chloride	2.202	62	73201	16.963	ug/l	97
5) Bromomethane	2.592	94	51528	17.508	ug/l	100
6) Chloroethane	2.733	64	48298	17.104	ug/l	99
7) Trichlorofluoromethane	3.056	101	104991	18.993	ug/l	98
8) Diethyl Ether	3.458	74	29054	19.327	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	56846	19.498	ug/l	96
10) Methyl Iodide	4.001	142	67929	21.238	ug/l	99
11) Tert butyl alcohol	4.866	59	16952	92.006	ug/l #	90
12) 1,1-Dichloroethene	3.787	96	54499	19.846	ug/l	94
13) Acrolein	3.647	56	15884	47.214	ug/l	99
14) Allyl chloride	4.379	41	82696	18.887	ug/l	98
15) Acrylonitrile	5.061	53	59158	94.249	ug/l	99
16) Acetone	3.873	43	49207	84.759	ug/l	95
17) Carbon Disulfide	4.104	76	162030	17.914	ug/l	97
18) Methyl Acetate	4.379	43	31345	21.785	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	133728	19.559	ug/l	97
20) Methylene Chloride	4.610	84	64347	20.358	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	58865	19.468	ug/l	97
22) Diisopropyl ether	6.019	45	182652	19.886	ug/l	98
23) Vinyl Acetate	5.958	43	498605	92.794	ug/l	98
24) 1,1-Dichloroethane	5.915	63	109510	19.939	ug/l	98
25) 2-Butanone	6.890	43	75132	90.607	ug/l	98
26) 2,2-Dichloropropane	6.884	77	97186	19.893	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	68636	20.185	ug/l	96
28) Bromochloromethane	7.238	49	41634	17.975	ug/l	92
29) Tetrahydrofuran	7.262	42	49127	92.055	ug/l	98
30) Chloroform	7.421	83	114067	19.968	ug/l	98
31) Cyclohexane	7.701	56	91074	18.191	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	103851	20.115	ug/l	98
36) 1,1-Dichloropropene	7.835	75	78621	19.412	ug/l	98
37) Ethyl Acetate	6.982	43	35272	18.453	ug/l	98
38) Carbon Tetrachloride	7.817	117	93678	20.194	ug/l	97
39) Methylcyclohexane	9.110	83	92467	19.111	ug/l	98
40) Benzene	8.079	78	246182	20.297	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021853.D
 Acq On : 11 Apr 2025 12:28
 Operator : SY/MD
 Sample : VY0411SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025

Quant Time: Apr 12 02:47:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	21263	20.947	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	66951	19.580	ug/l	100
43) Isopropyl Acetate	8.195	43	67897	18.744	ug/l	98
44) Trichloroethene	8.866	130	64547	20.886	ug/l	100
45) 1,2-Dichloropropane	9.140	63	57185	19.918	ug/l	94
46) Dibromomethane	9.231	93	33009	19.949	ug/l	99
47) Bromodichloromethane	9.420	83	85927	20.041	ug/l	99
48) Methyl methacrylate	9.219	41	32878	19.776	ug/l	98
49) 1,4-Dioxane	9.225	88	7355	414.937	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	178028	94.443	ug/l	98
52) Toluene	10.170	92	155125	20.499	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	75693	19.876	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	87863	19.557	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	43853	20.595	ug/l	98
56) Ethyl methacrylate	10.439	69	54410	20.012	ug/l	96
57) 1,3-Dichloropropane	10.719	76	73973	20.115	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	136529	102.933	ug/l	98
59) 2-Hexanone	10.762	43	117310	93.444	ug/l	99
60) Dibromochloromethane	10.908	129	59548	20.483	ug/l	99
61) 1,2-Dibromoethane	11.012	107	39785	19.918	ug/l	95
64) Tetrachloroethene	10.646	164	73897	22.375	ug/l	97
65) Chlorobenzene	11.444	112	169509	20.392	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	61208	20.753	ug/l	99
67) Ethyl Benzene	11.518	91	285855	20.054	ug/l	99
68) m/p-Xylenes	11.627	106	222848	40.827	ug/l	99
69) o-Xylene	11.957	106	103070	20.457	ug/l	100
70) Styrene	11.969	104	172929	20.585	ug/l	98
71) Bromoform	12.133	173	34263	20.366	ug/l #	100
73) Isopropylbenzene	12.255	105	276145	19.741	ug/l	100
74) N-amyl acetate	12.072	43	57979	17.661	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	45218	17.980	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	35519m	19.026	ug/l	
77) Bromobenzene	12.530	156	66160	19.699	ug/l	97
78) n-propylbenzene	12.597	91	331933	19.738	ug/l	99
79) 2-Chlorotoluene	12.682	91	194696	19.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	227007	19.856	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	14585	18.001	ug/l	97
82) 4-Chlorotoluene	12.780	91	200035	19.643	ug/l	98
83) tert-Butylbenzene	12.999	119	201861	19.823	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	228682	20.238	ug/l	100
85) sec-Butylbenzene	13.176	105	294858	19.814	ug/l	98
86) p-Isopropyltoluene	13.292	119	249819	20.311	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	134109	20.267	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	131817	20.163	ug/l	98
89) n-Butylbenzene	13.615	91	224734	19.757	ug/l	99
90) Hexachloroethane	13.883	117	52557	19.500	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	115715	20.089	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7745	19.869	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	68380	21.890	ug/l	99
94) Hexachlorobutadiene	15.023	225	43077	22.081	ug/l	99
95) Naphthalene	15.145	128	111977	21.627	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	59827	22.460	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021853.D
Acq On : 11 Apr 2025 12:28
Operator : SY/MD
Sample : VY0411SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

Quant Time: Apr 12 02:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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

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

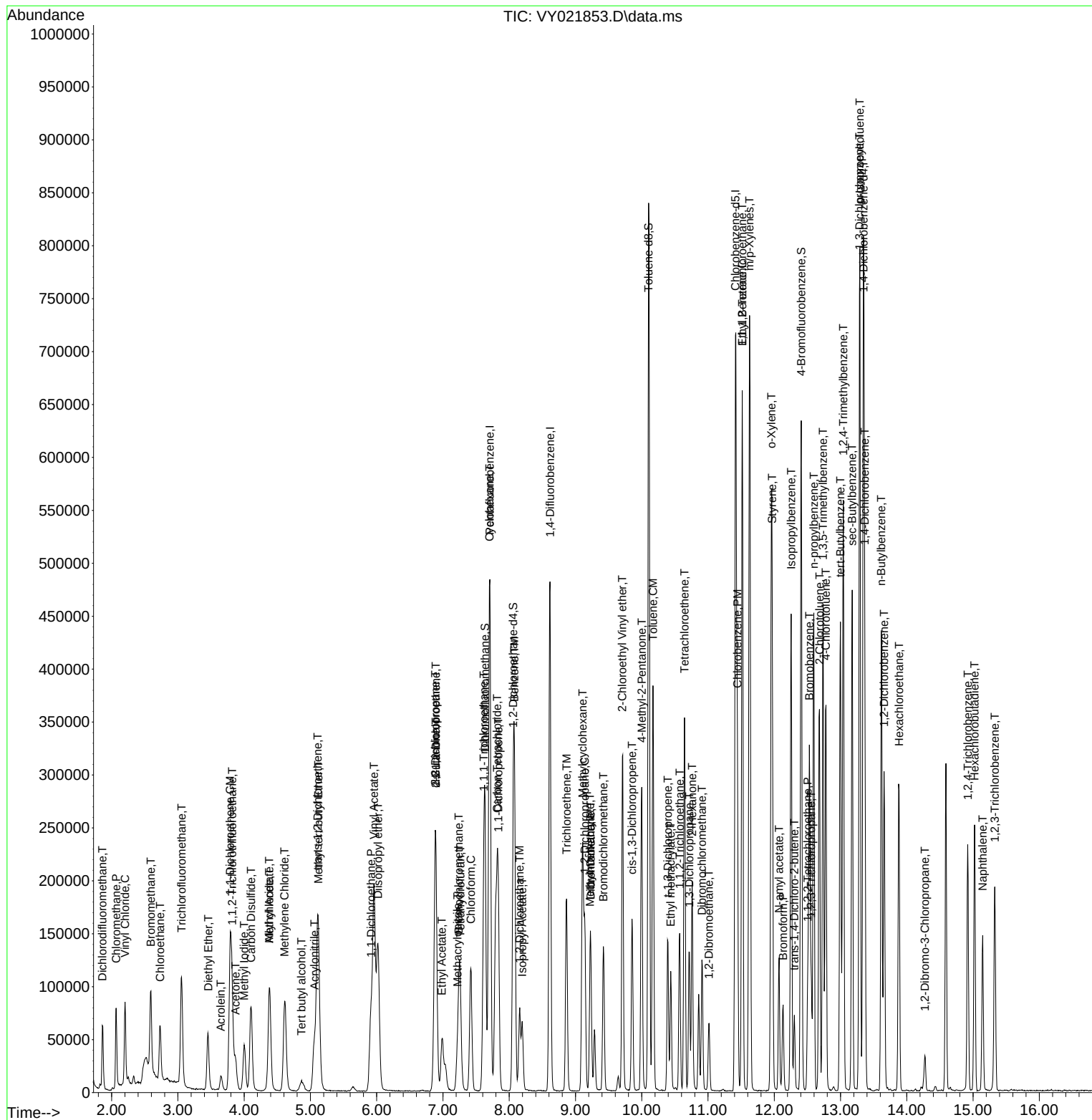
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Data File : VY021853.D
Acq On : 11 Apr 2025 12:28
Operator : SY/MD
Sample : VY0411SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

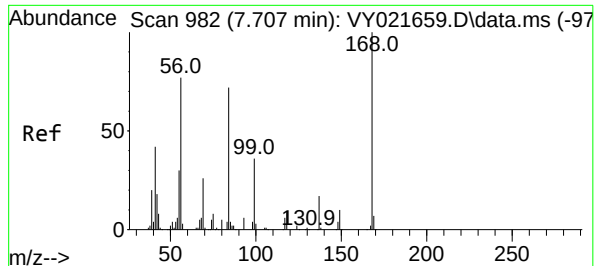
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Manual Integrations

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

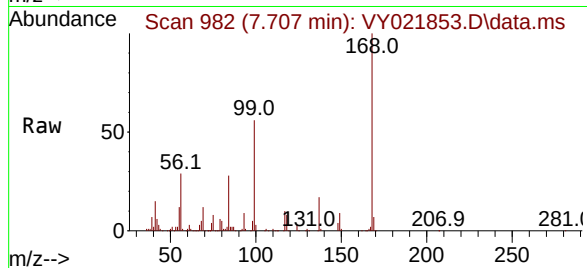
Quant Time: Apr 12 02:47:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

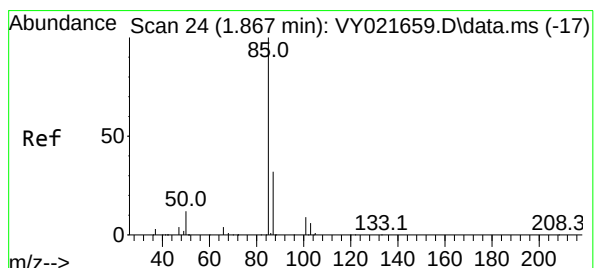
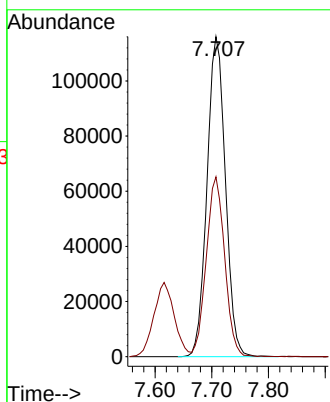
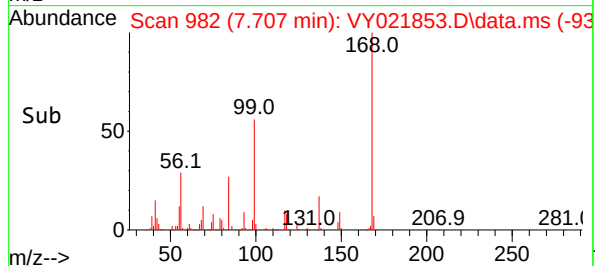
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01



Tgt Ion: 168 Resp: 26181
Ion Ratio Lower Upper
168 100
99 56.2 46.7 70.1

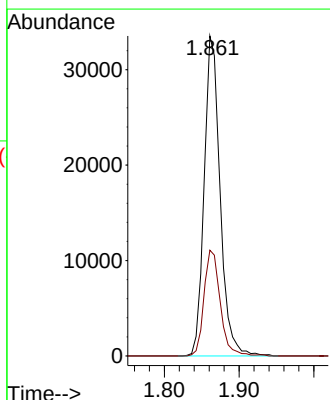
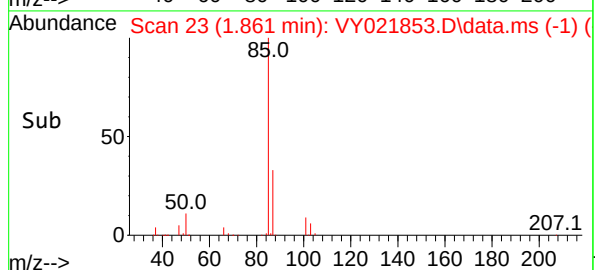
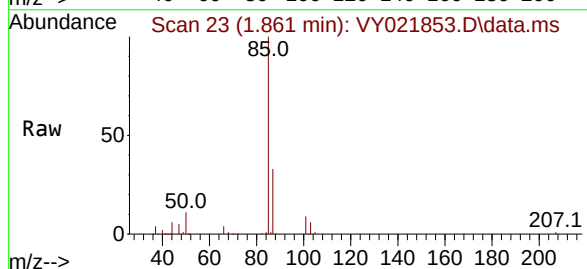
Manual Integrations
APPROVED

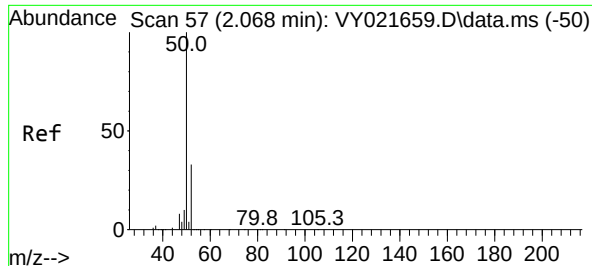
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#2
Dichlorodifluoromethane
Concen: 18.299 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 85 Resp: 49656
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6





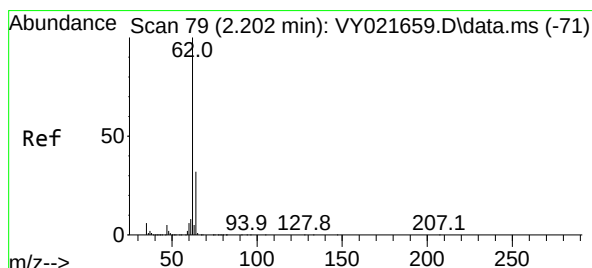
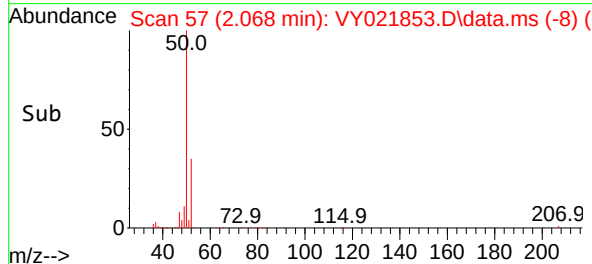
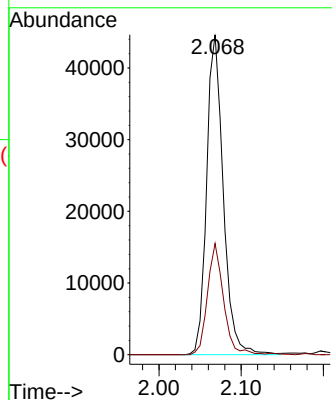
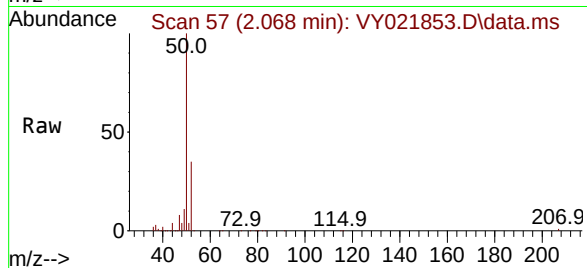
#3
Chloromethane
Concen: 16.449 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Tgt Ion: 50 Resp: 6276
Ion Ratio Lower Upper
50 100
52 34.8 26.3 39.5

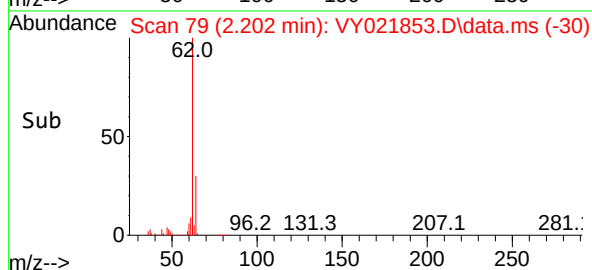
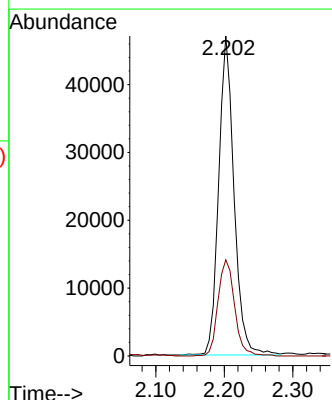
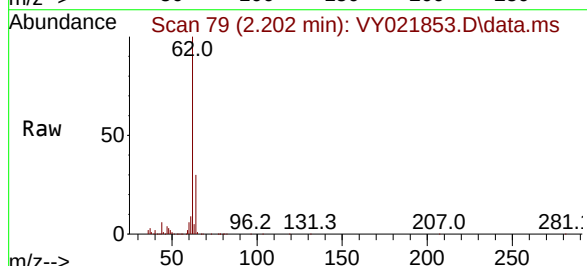
Manual Integrations
APPROVED

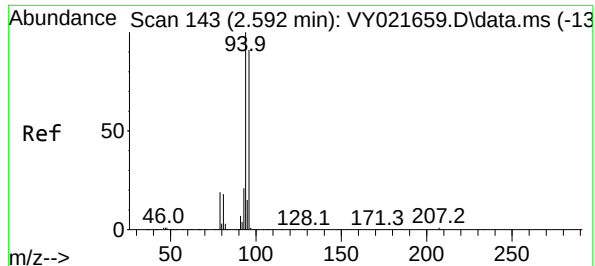
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#4
Vinyl Chloride
Concen: 16.963 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

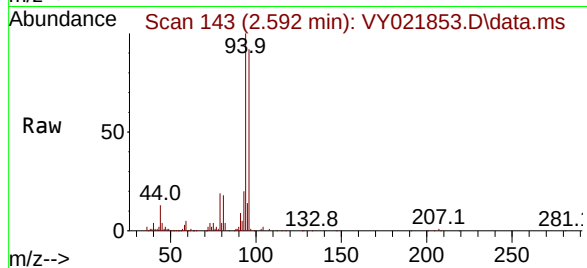
Tgt Ion: 62 Resp: 73201
Ion Ratio Lower Upper
62 100
64 30.2 25.5 38.3





#5
Bromomethane
Concen: 17.508 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

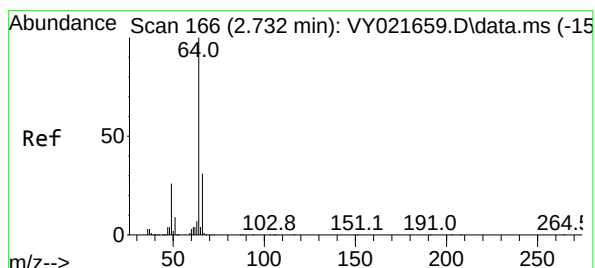
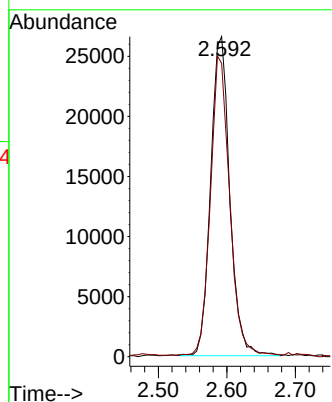
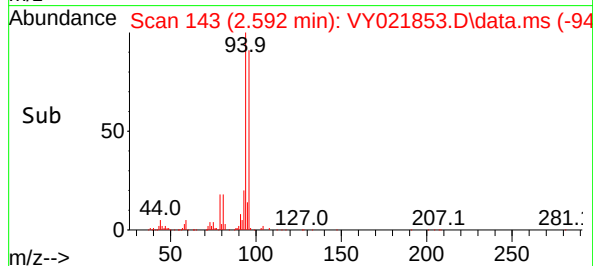
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01



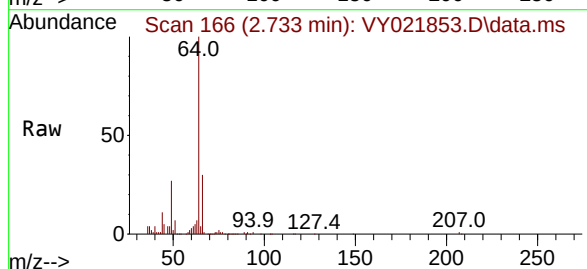
Tgt Ion: 94 Resp: 51528
Ion Ratio Lower Upper
94 100
96 91.3 72.8 109.2

Manual Integrations
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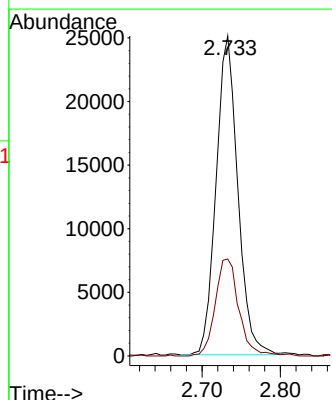
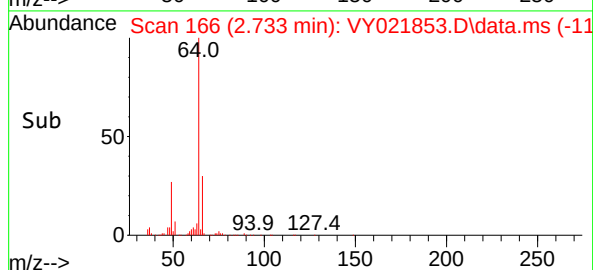
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

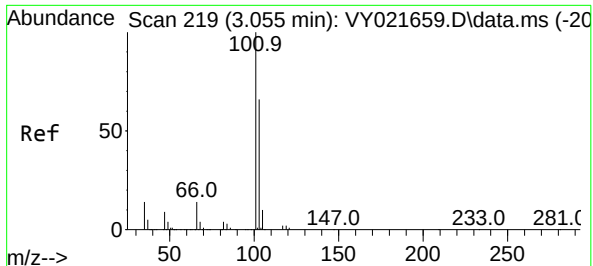


#6
Chloroethane
Concen: 17.104 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28



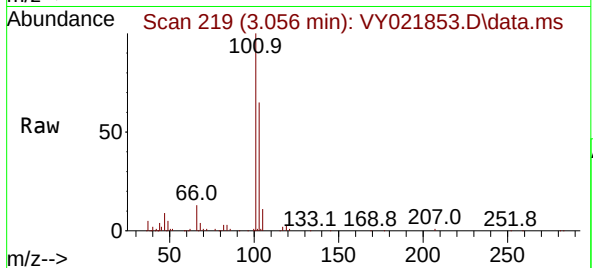
Tgt Ion: 64 Resp: 48298
Ion Ratio Lower Upper
64 100
66 30.4 24.9 37.3





#7
Trichlorofluoromethane
Concen: 18.993 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

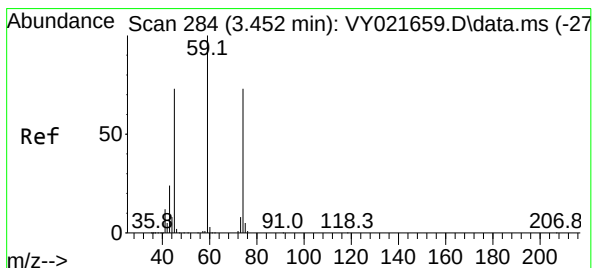
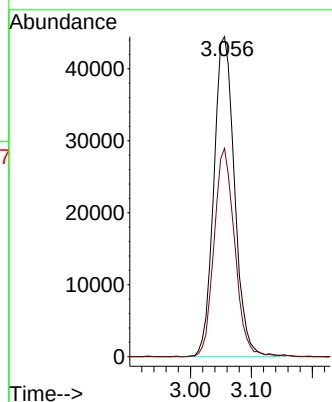
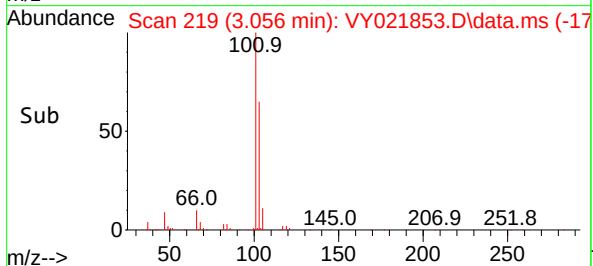
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01



Tgt Ion:101 Resp: 10499
Ion Ratio Lower Upper
101 100
103 65.1 53.1 79.7

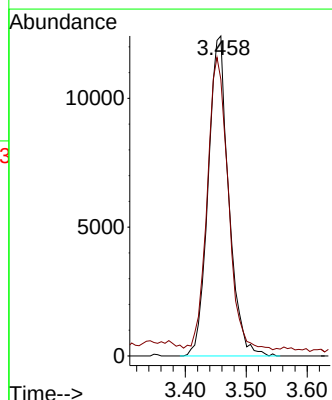
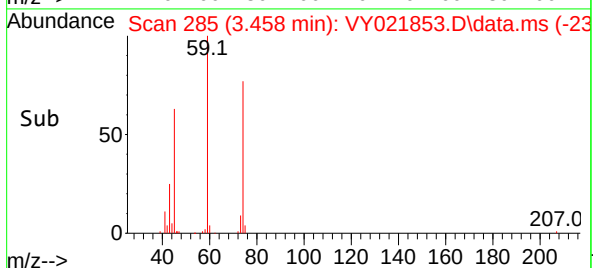
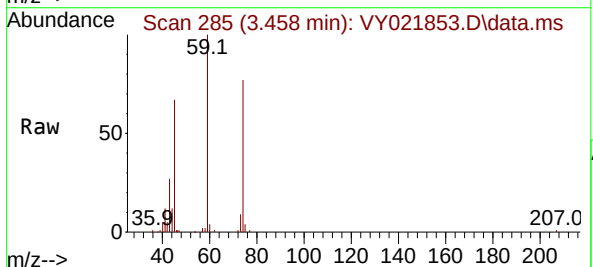
Manual Integrations
APPROVED

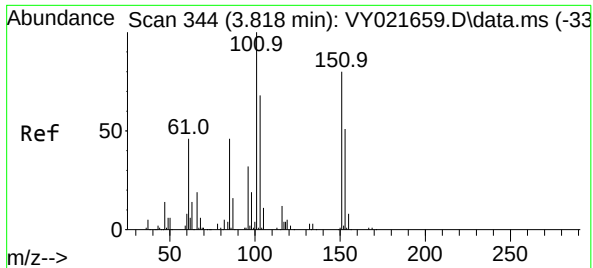
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#8
Diethyl Ether
Concen: 19.327 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 74 Resp: 29054
Ion Ratio Lower Upper
74 100
45 93.2 48.6 145.8





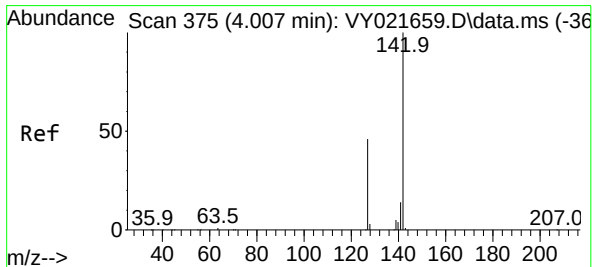
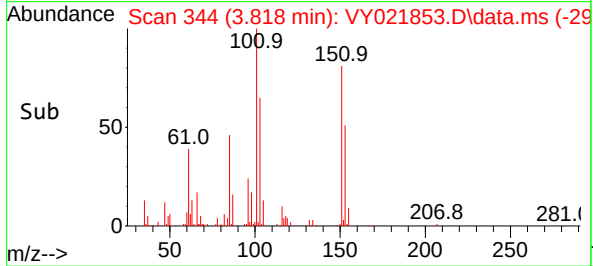
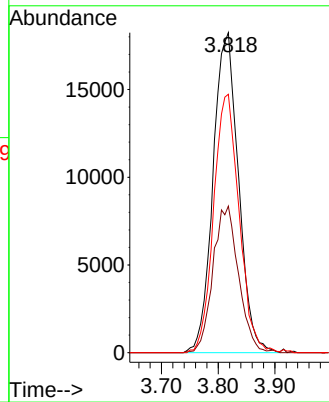
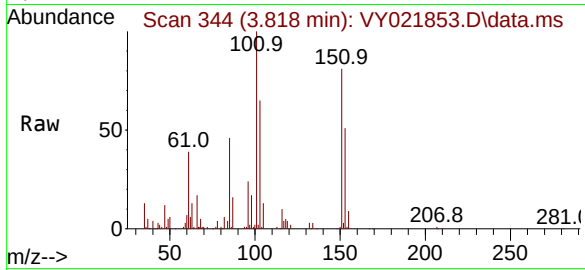
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.498 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Tgt Ion:101 Resp: 5684
Ion Ratio Lower Upper
101 100
85 46.2 36.3 54.5
151 80.9 61.3 91.9

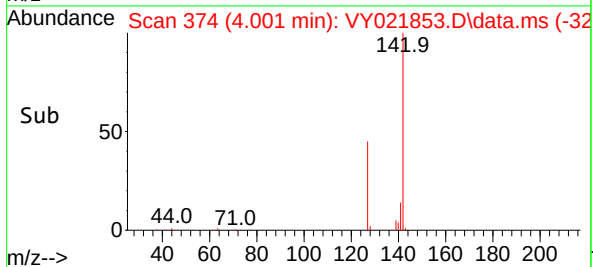
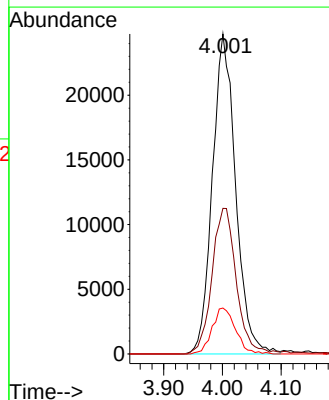
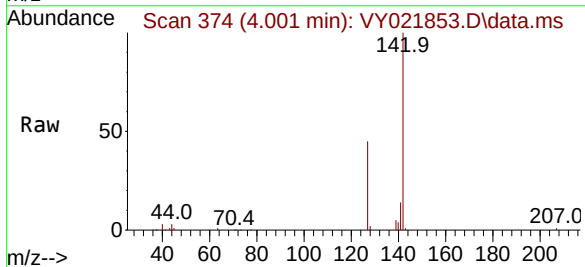
Manual Integrations
APPROVED

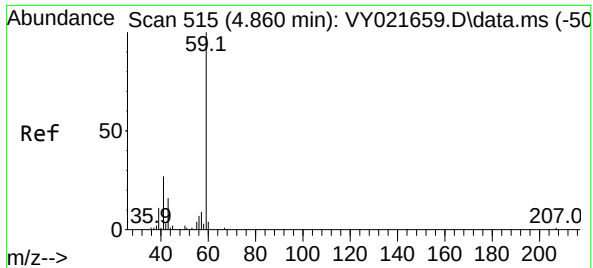
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#10
Methyl Iodide
Concen: 21.238 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion:142 Resp: 67929
Ion Ratio Lower Upper
142 100
127 47.6 38.7 58.1
141 14.5 11.5 17.3





#11

Tert butyl alcohol

Concen: 92.006 ug/l

RT: 4.866 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 59 Resp: 16952

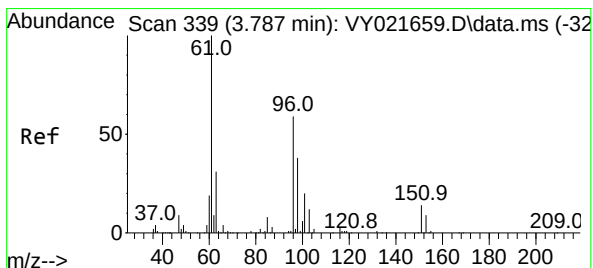
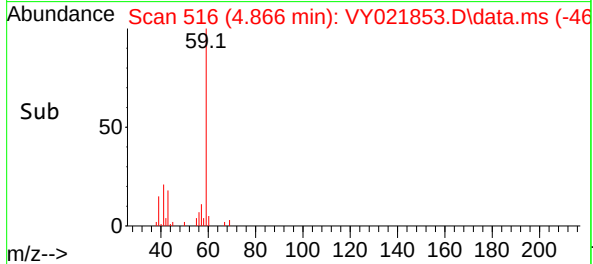
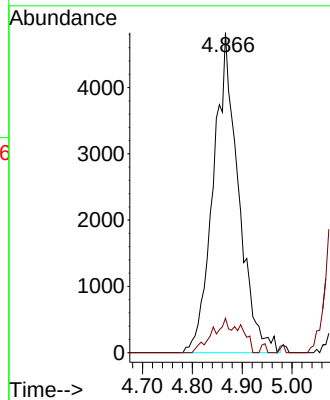
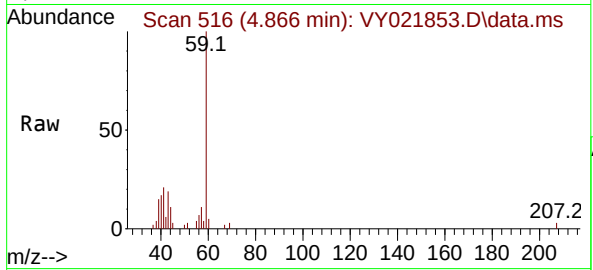
Ion Ratio Lower Upper

59 100

57 7.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#12

1,1-Dichloroethene

Concen: 19.846 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

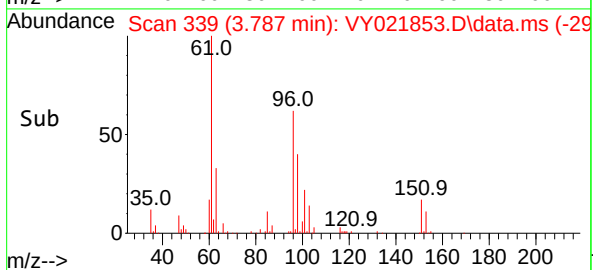
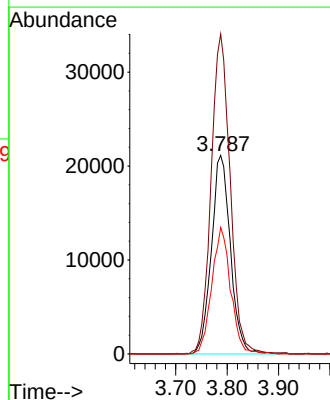
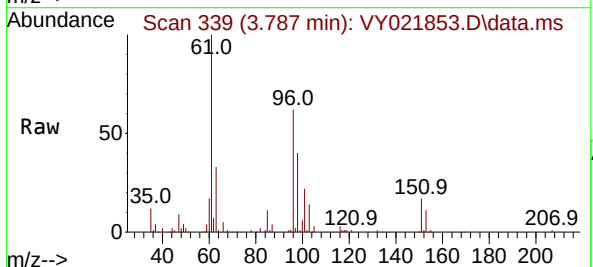
Tgt Ion: 96 Resp: 54499

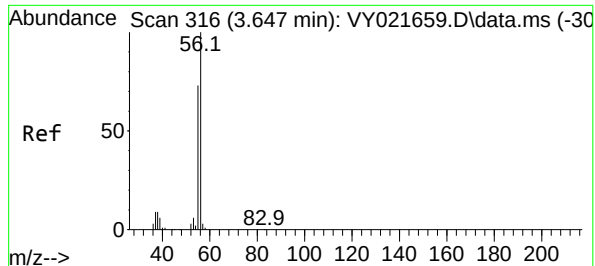
Ion Ratio Lower Upper

96 100

61 161.2 136.6 204.8

98 63.8 52.3 78.5





#13

Acrolein

Concen: 47.214 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 56 Resp: 15884

Ion Ratio Lower Upper

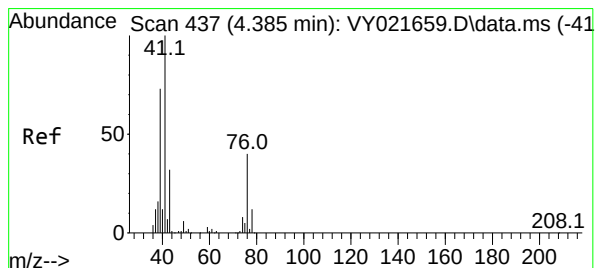
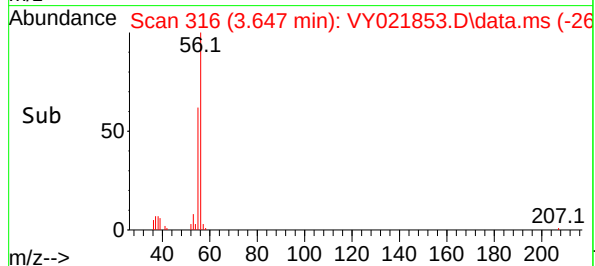
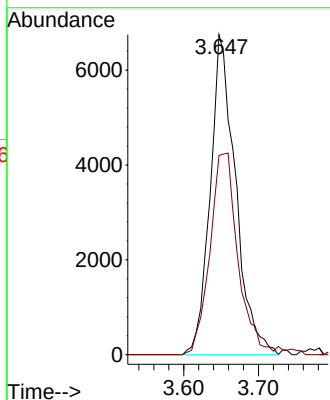
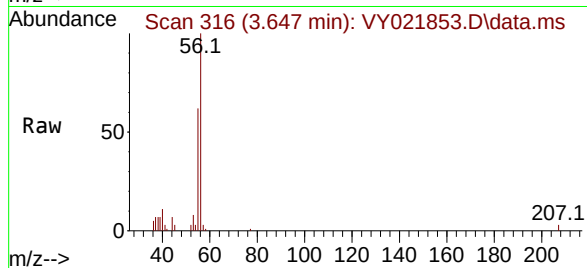
56 100

55 69.7 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#14

Allyl chloride

Concen: 18.887 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

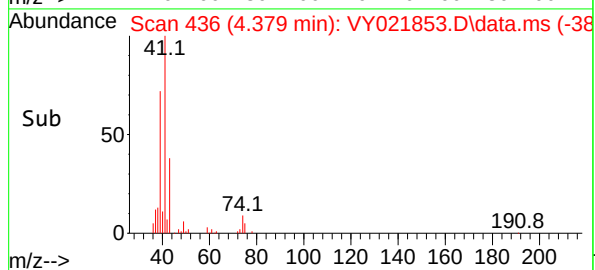
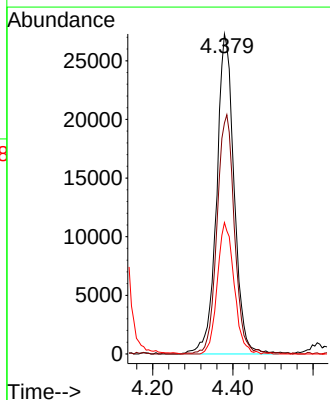
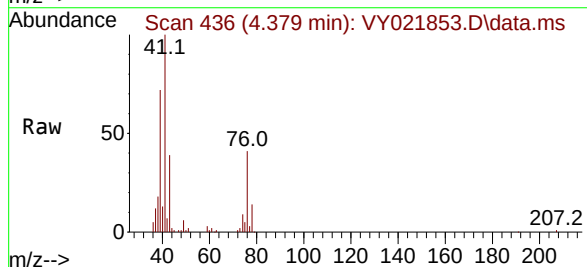
Tgt Ion: 41 Resp: 82696

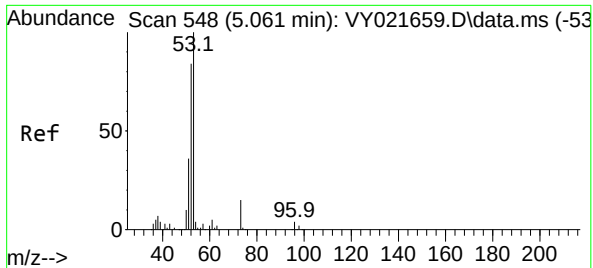
Ion Ratio Lower Upper

41 100

39 74.6 58.6 88.0

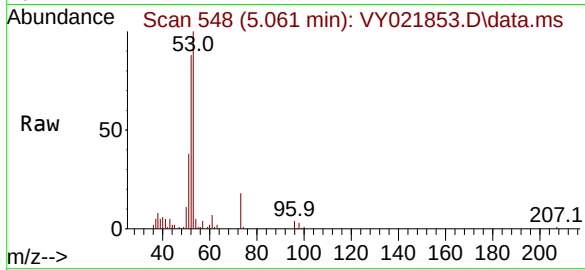
76 39.4 30.3 45.5





#15
Acrylonitrile
Concen: 94.249 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

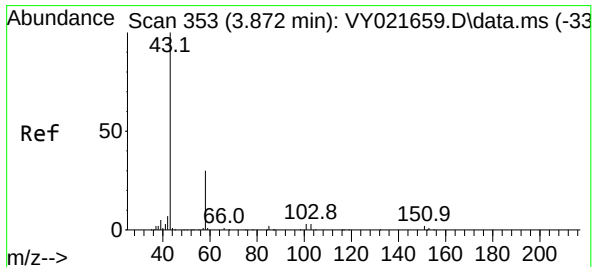
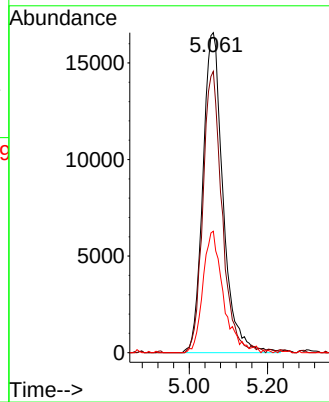
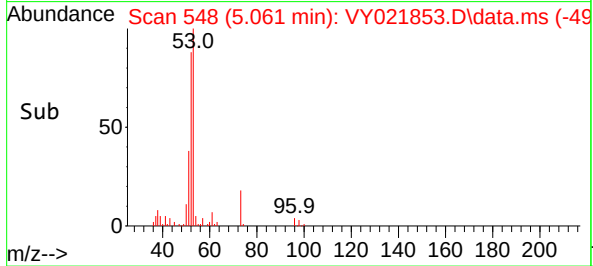
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01



Tgt Ion: 53 Resp: 59158
Ion Ratio Lower Upper
53 100
52 82.6 64.9 97.3
51 38.1 30.2 45.2

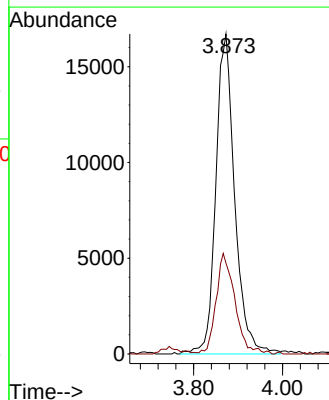
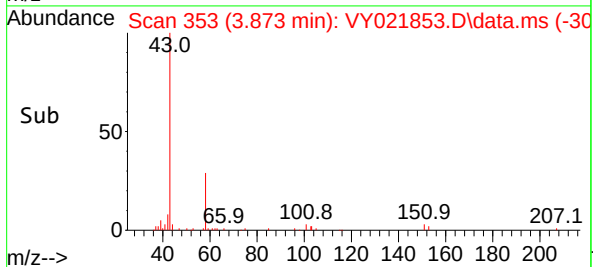
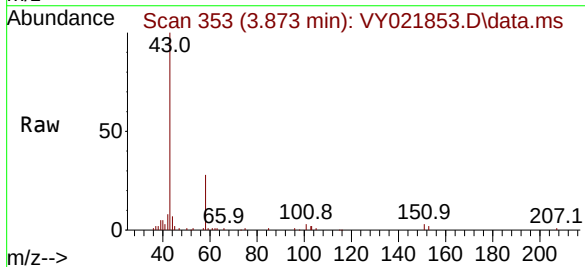
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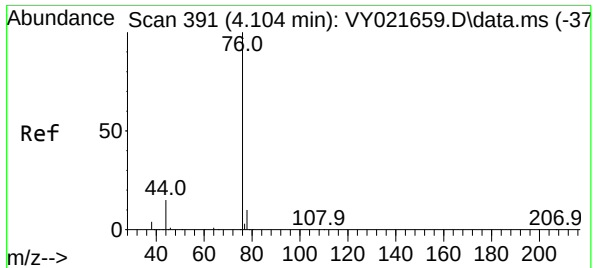
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#16
Acetone
Concen: 84.759 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

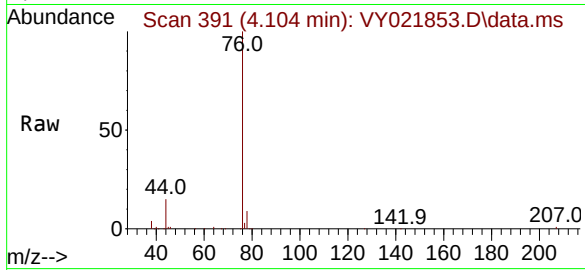
Tgt Ion: 43 Resp: 49207
Ion Ratio Lower Upper
43 100
58 27.8 24.2 36.4





#17
Carbon Disulfide
Concen: 17.914 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

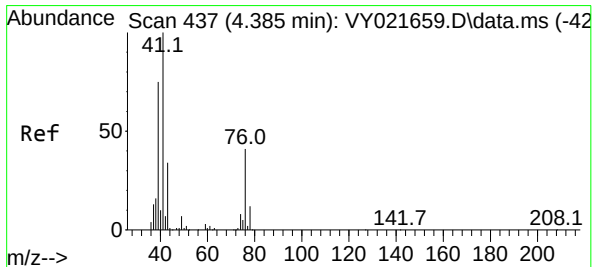
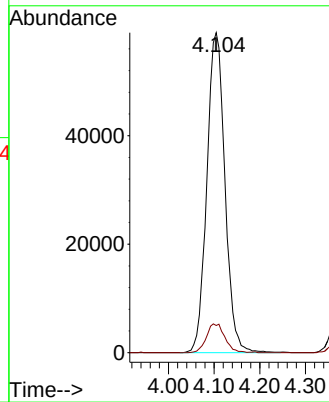
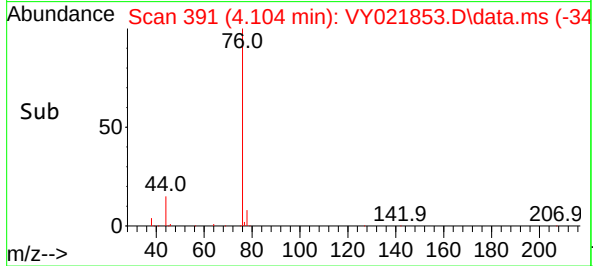
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01



Tgt Ion: 76 Resp: 162030
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4

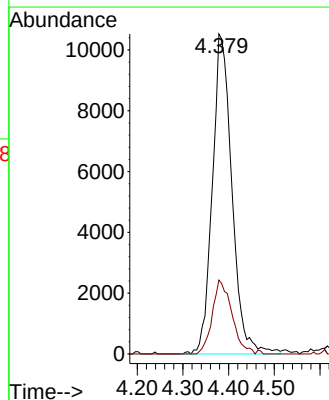
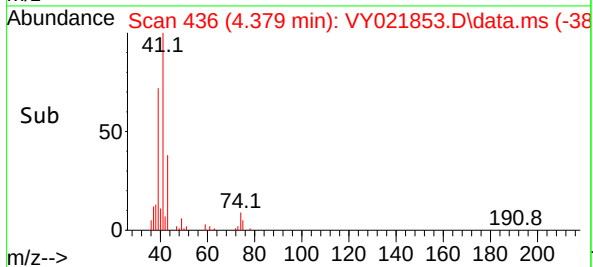
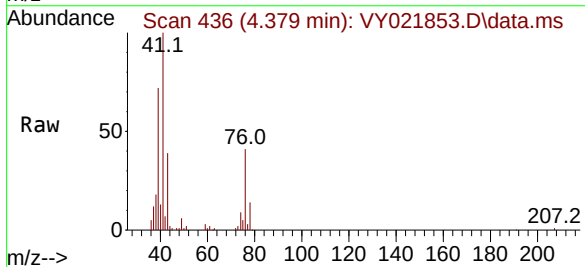
Manual Integrations
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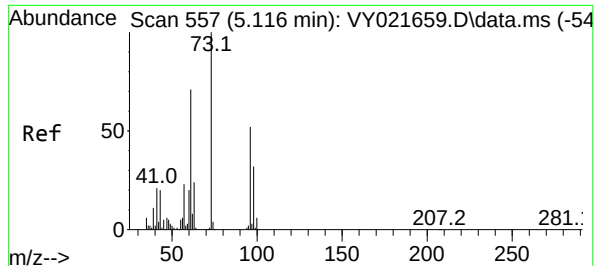
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#18
Methyl Acetate
Concen: 21.785 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 43 Resp: 31345
Ion Ratio Lower Upper
43 100
74 23.0 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.559 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 73 Resp: 133728

Ion Ratio Lower Upper

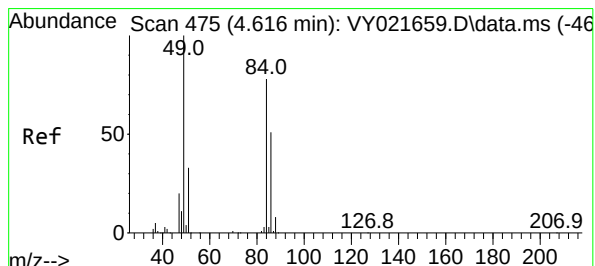
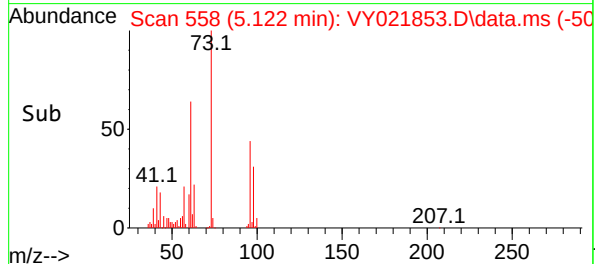
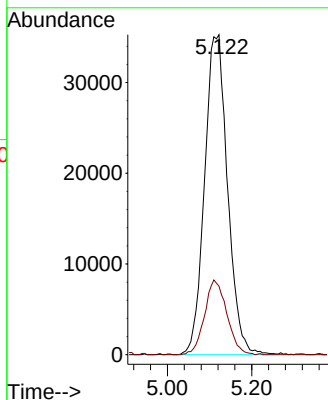
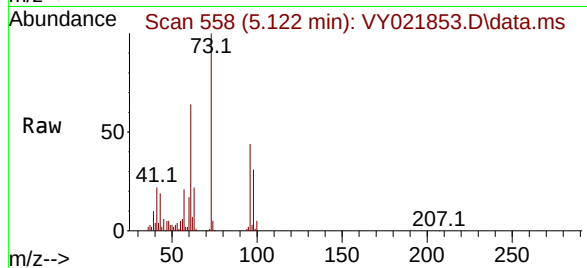
73 100

57 21.4 18.1 27.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#20

Methylene Chloride

Concen: 20.358 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Tgt Ion: 84 Resp: 64347

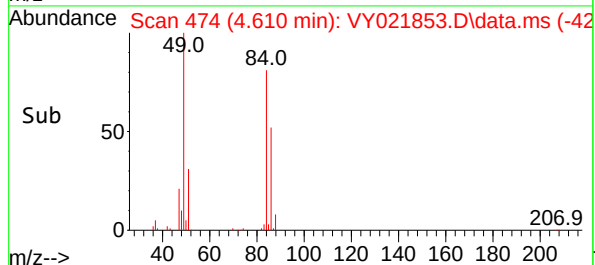
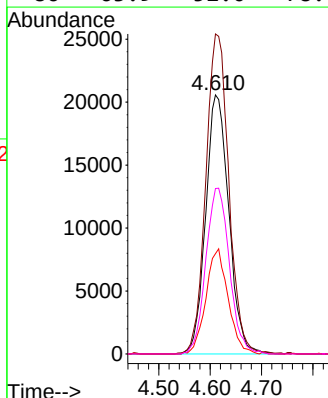
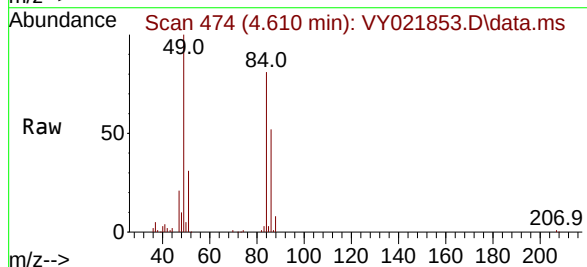
Ion Ratio Lower Upper

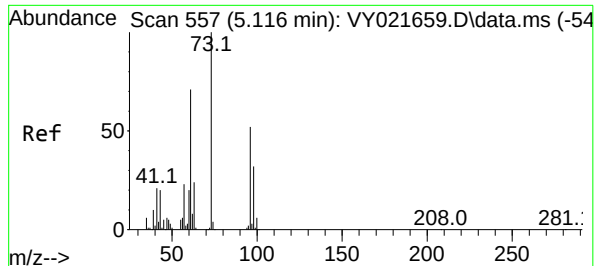
84 100

49 123.1 102.8 154.2

51 38.7 33.5 50.3

86 63.9 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 19.468 ug/l

RT: 5.110 min Scan# 5110

Delta R.T. -0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 96 Resp: 5886

Ion Ratio Lower Upper

96 100

61 132.6 109.4 164.0

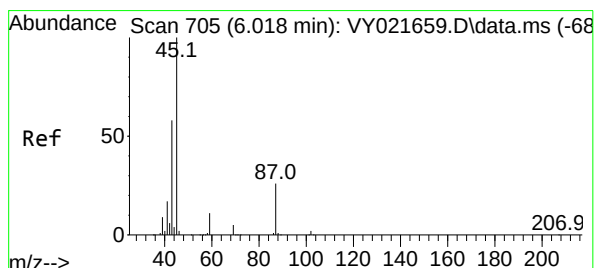
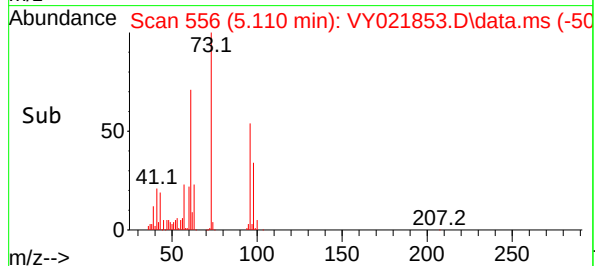
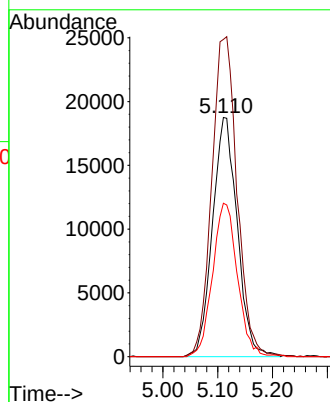
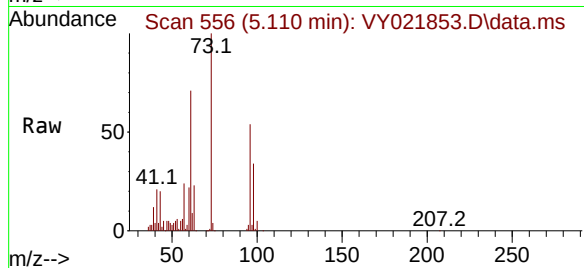
98 64.1 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#22

Diisopropyl ether

Concen: 19.886 ug/l

RT: 6.019 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Tgt Ion: 45 Resp: 182652

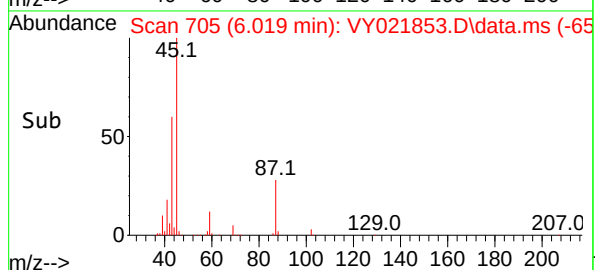
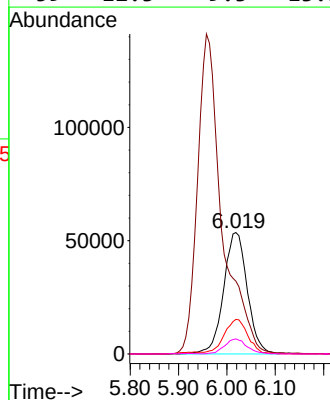
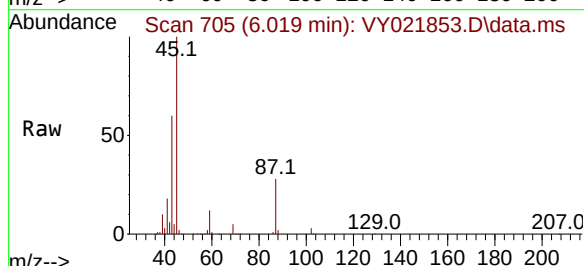
Ion Ratio Lower Upper

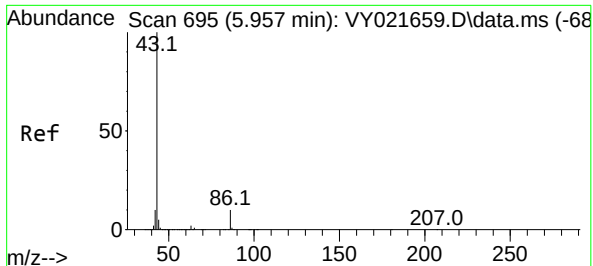
45 100

43 58.8 46.6 69.8

87 28.2 20.7 31.1

59 12.3 9.3 13.9





#23

Vinyl Acetate

Concen: 92.794 ug/l

RT: 5.958 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 43 Resp: 498609

Ion Ratio Lower Upper

43

100

86

11.0

8.2

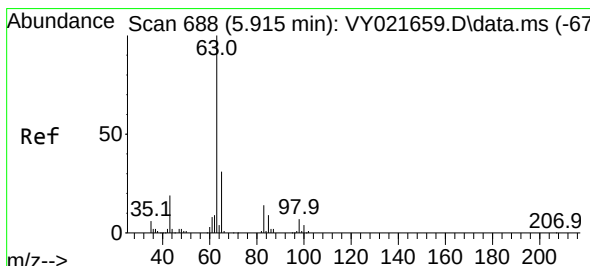
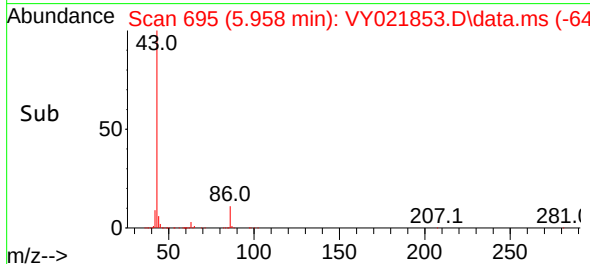
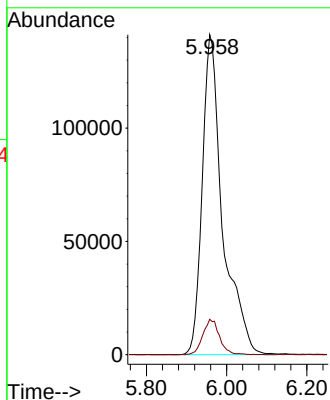
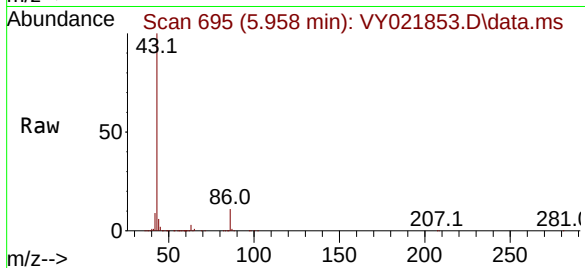
12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#24

1,1-Dichloroethane

Concen: 19.939 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Tgt Ion: 63 Resp: 109510

Ion Ratio Lower Upper

63

100

98

8.1

3.5

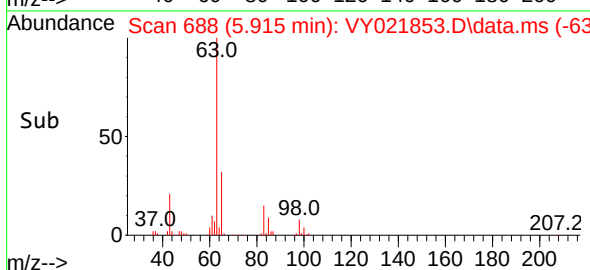
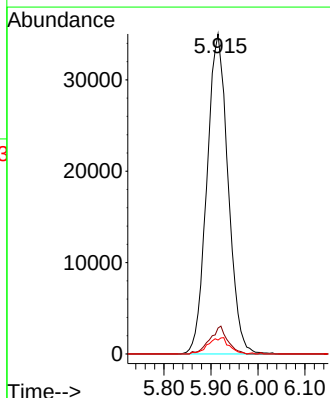
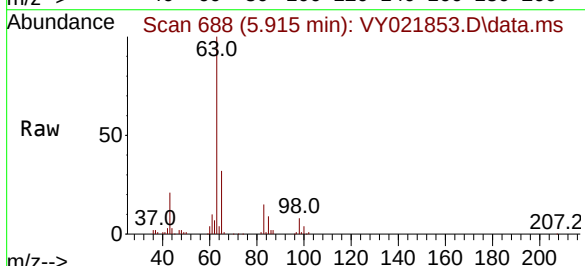
10.5

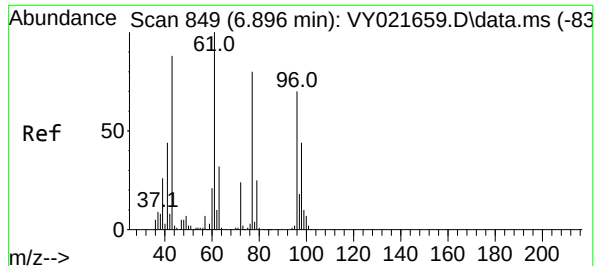
100

4.3

2.2

6.6





#25

2-Butanone

Concen: 90.607 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 43 Resp: 7513

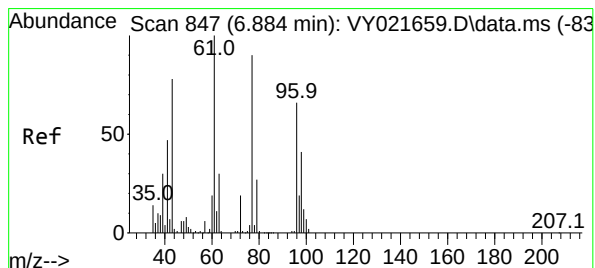
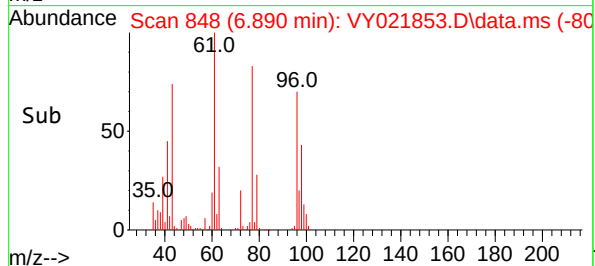
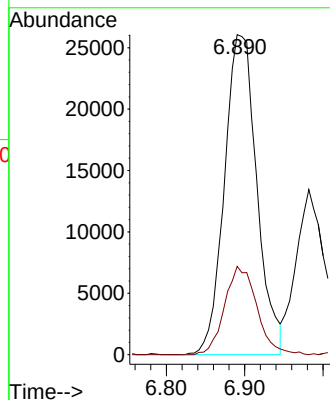
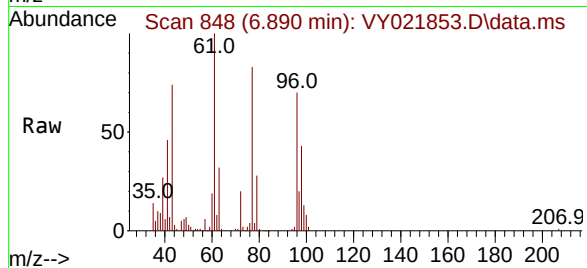
Ion Ratio Lower Upper

43 100

72 27.6 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#26

2,2-Dichloropropane

Concen: 19.893 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021853.D

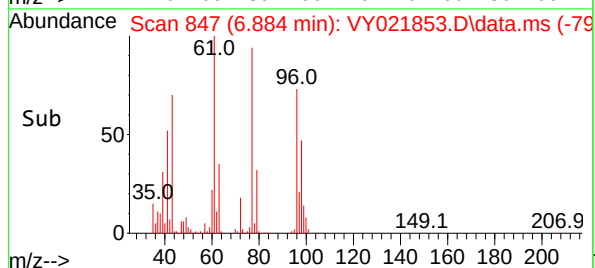
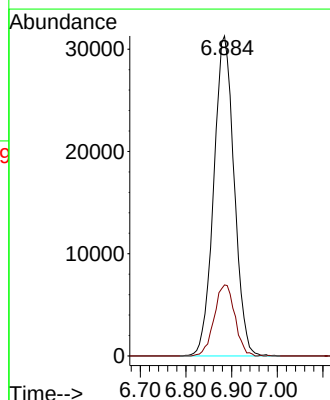
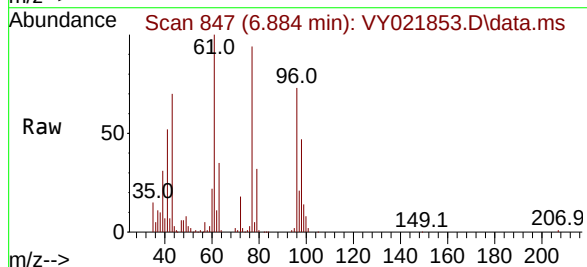
Acq: 11 Apr 2025 12:28

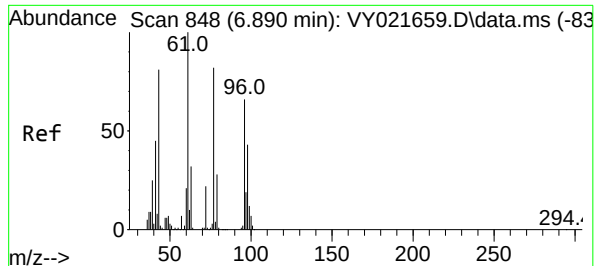
Tgt Ion: 77 Resp: 97186

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.185 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 96 Resp: 68630

Ion Ratio Lower Upper

96 100

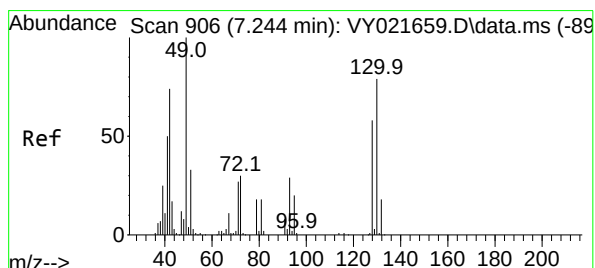
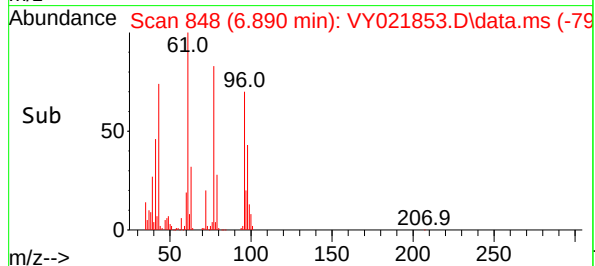
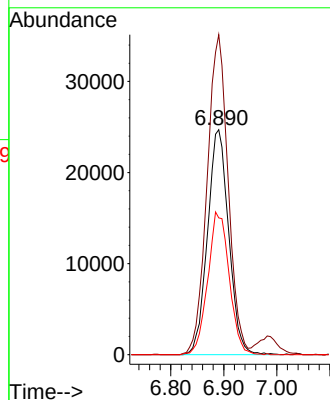
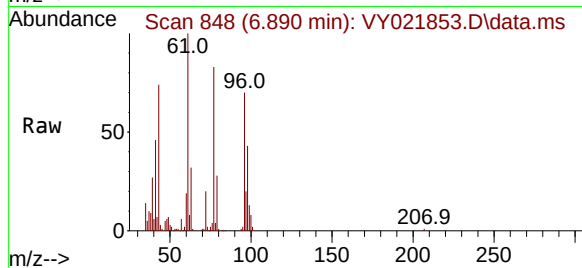
61 141.0 0.0 296.4

98 64.1 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#28

Bromochloromethane

Concen: 17.975 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

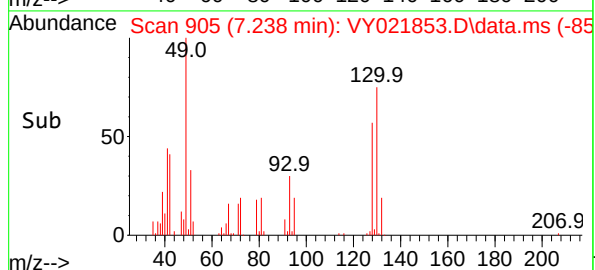
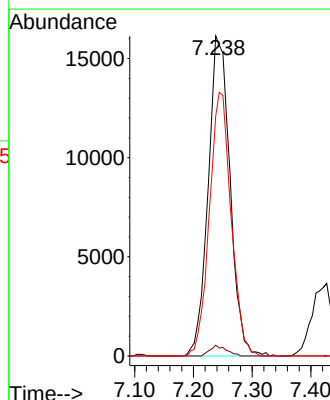
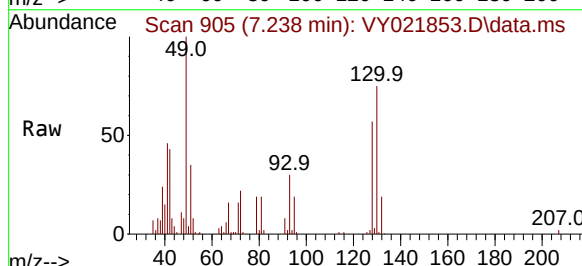
Tgt Ion: 49 Resp: 41634

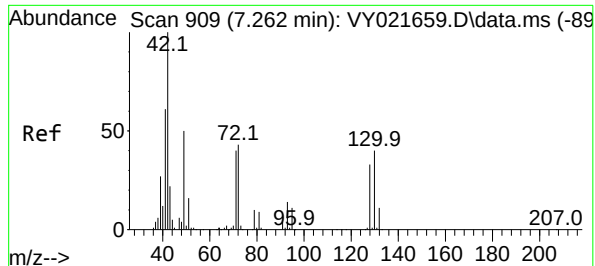
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

130 82.0 60.1 90.1





#29

Tetrahydrofuran

Concen: 92.055 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 42 Resp: 4912

Ion Ratio Lower Upper

42 100

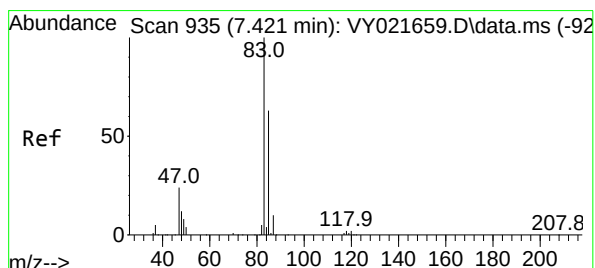
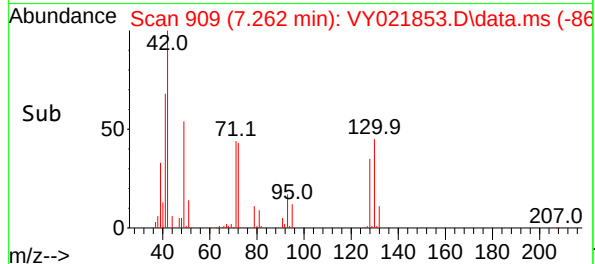
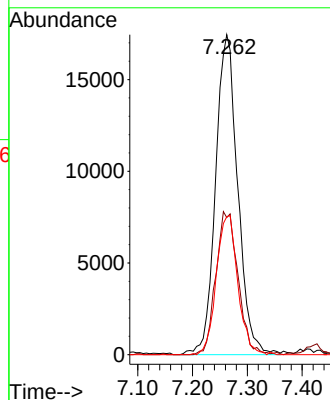
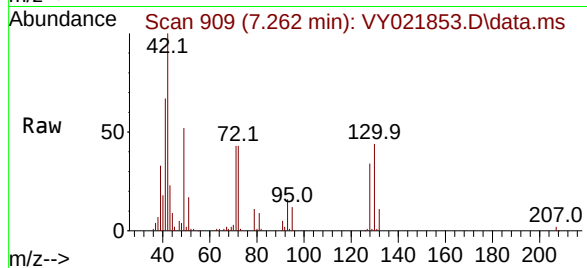
72 44.6 34.6 52.0

71 42.0 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#30

Chloroform

Concen: 19.968 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021853.D

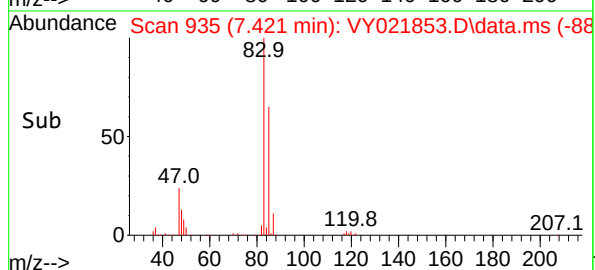
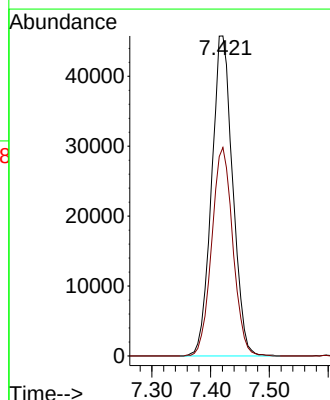
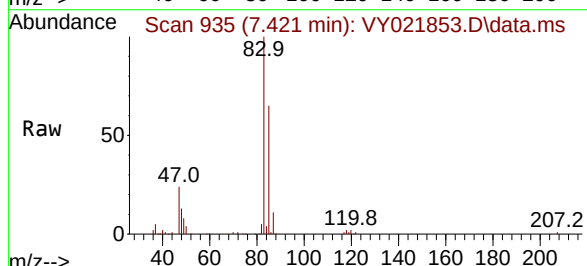
Acq: 11 Apr 2025 12:28

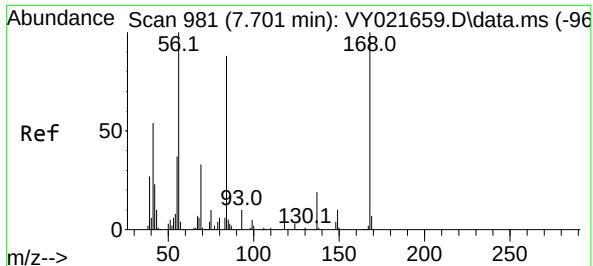
Tgt Ion: 83 Resp: 114067

Ion Ratio Lower Upper

83 100

85 65.1 50.6 75.8





#31

Cyclohexane

Concen: 18.191 ug/l

RT: 7.701 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 56 Resp: 91074

Ion Ratio Lower Upper

56 100

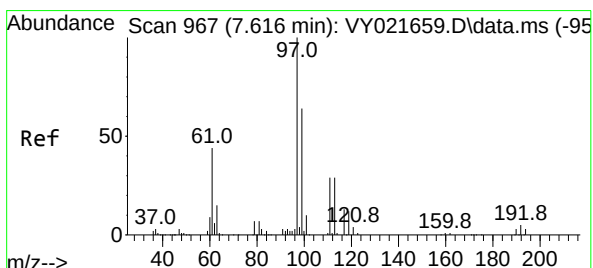
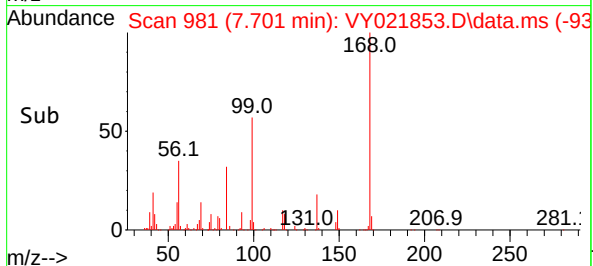
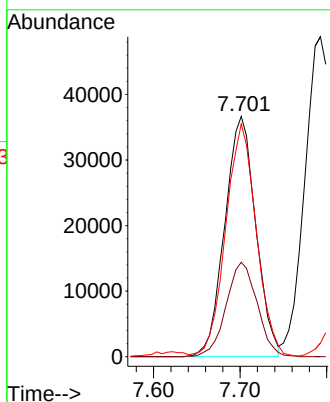
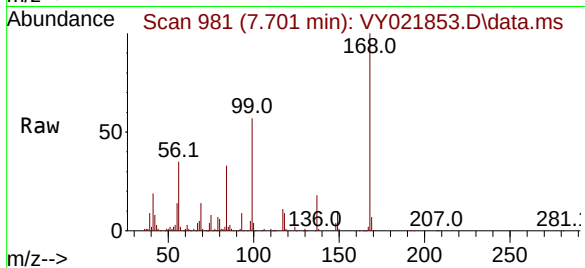
69 39.2 26.6 40.0

84 95.2 69.0 103.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#32

1,1,1-Trichloroethane

Concen: 20.115 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

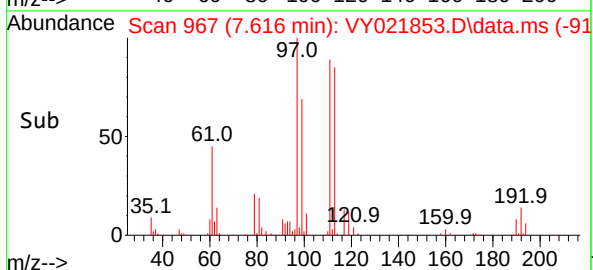
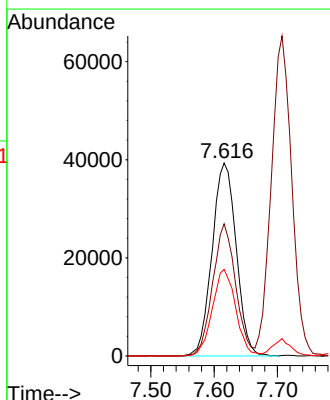
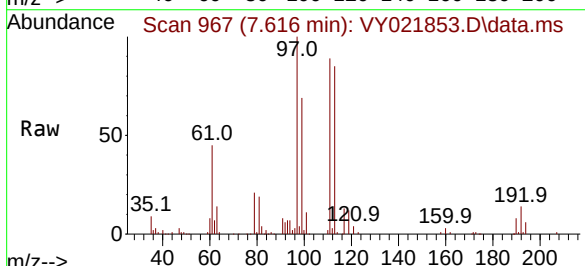
Tgt Ion: 97 Resp: 103851

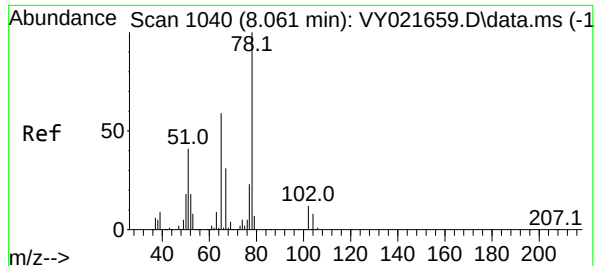
Ion Ratio Lower Upper

97 100

99 65.4 50.7 76.1

61 43.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.624 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 65 Resp: 14360

Ion Ratio Lower Upper

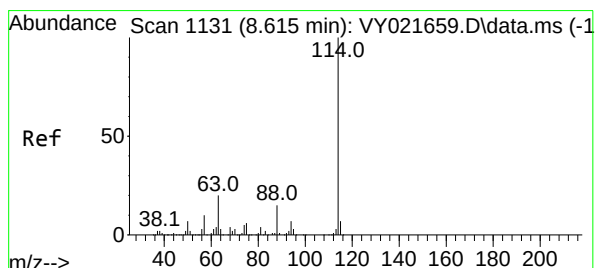
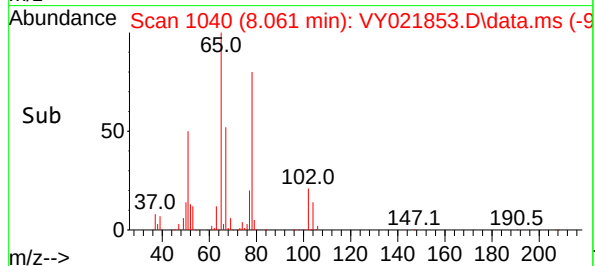
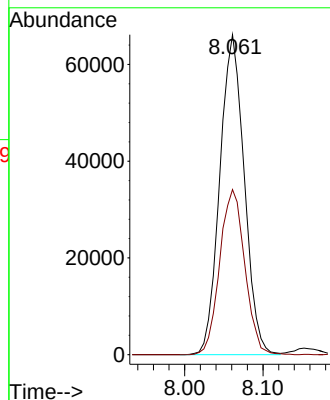
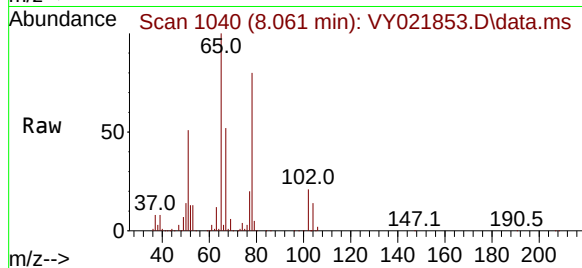
65 100

67 52.9 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

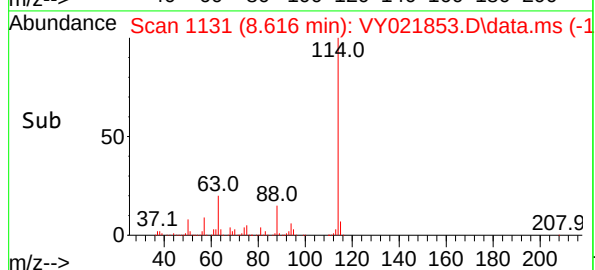
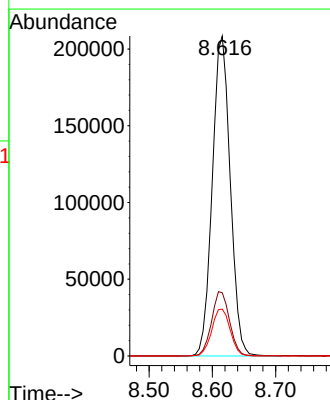
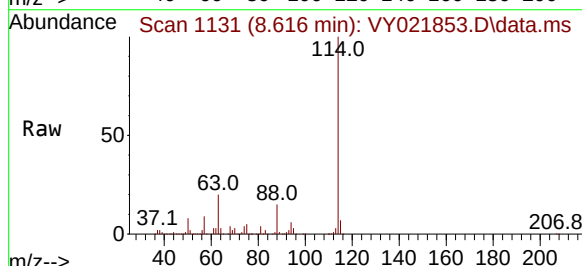
Tgt Ion:114 Resp: 409914

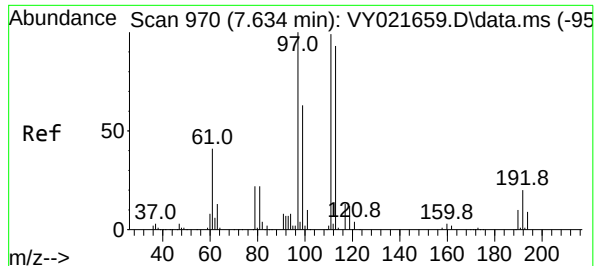
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 14.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 53.910 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion:113 Resp: 143350

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

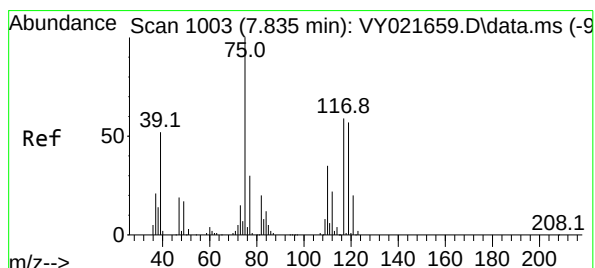
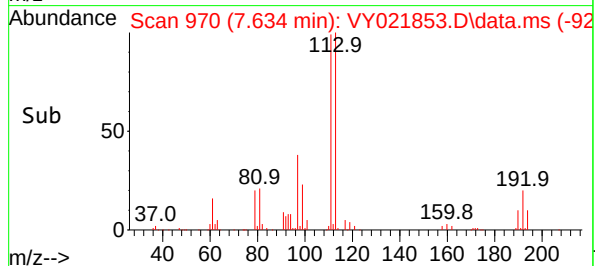
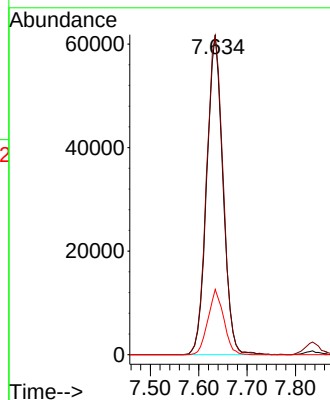
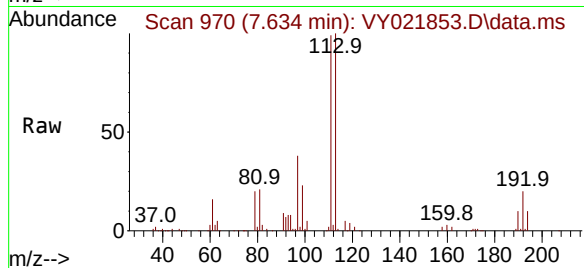
192 19.9 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#36

1,1-Dichloropropene

Concen: 19.412 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

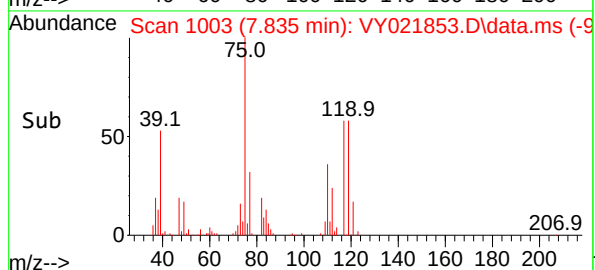
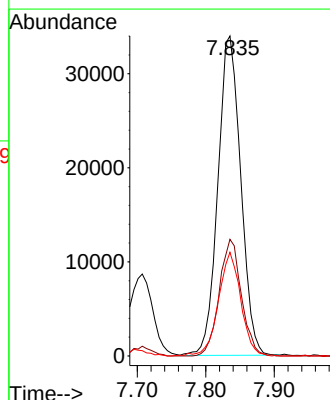
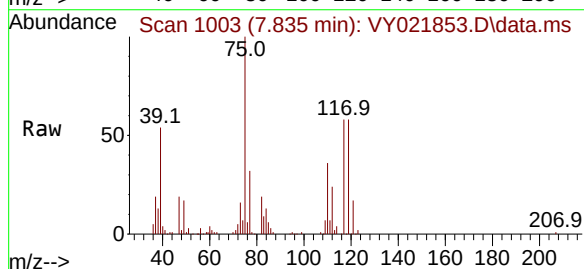
Tgt Ion: 75 Resp: 78621

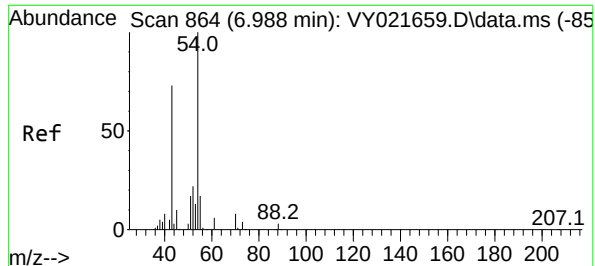
Ion Ratio Lower Upper

75 100

110 35.4 17.0 50.9

77 31.8 24.8 37.2





#37

Ethyl Acetate

Concen: 18.453 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

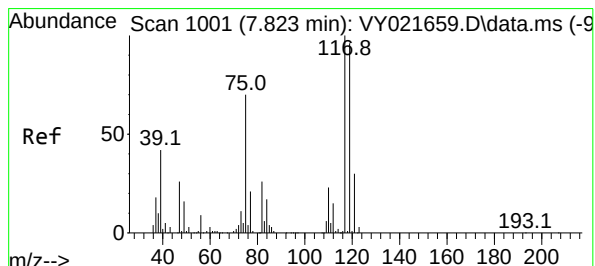
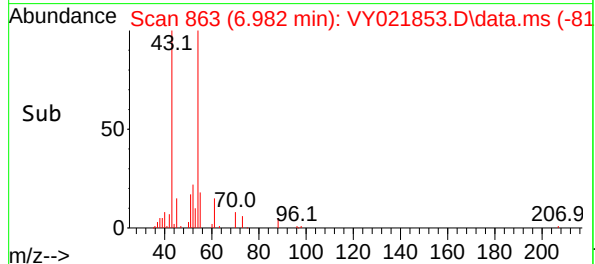
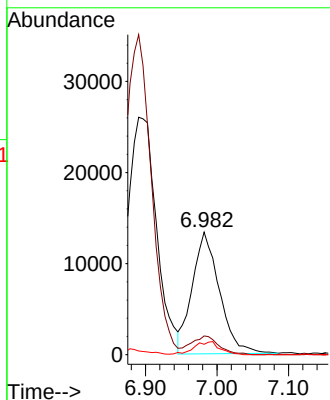
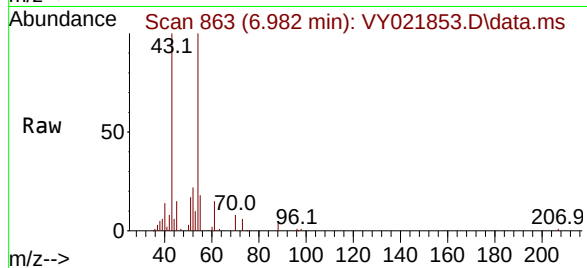
VY0411SBSD01

Tgt Ion:	43	Resp:	3527
Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.0	16.6
70	10.1	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#38

Carbon Tetrachloride

Concen: 20.194 ug/l

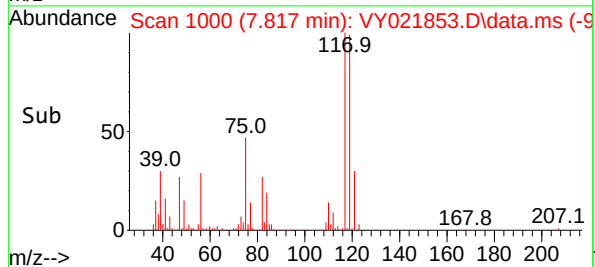
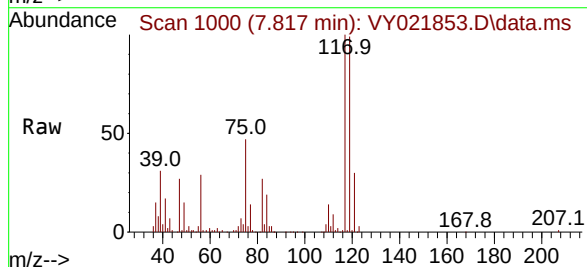
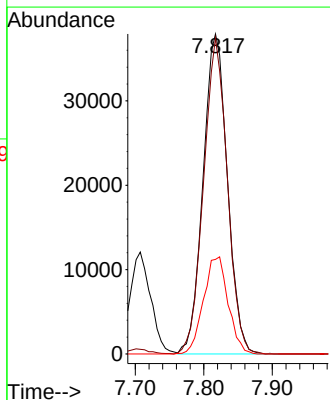
RT: 7.817 min Scan# 1000

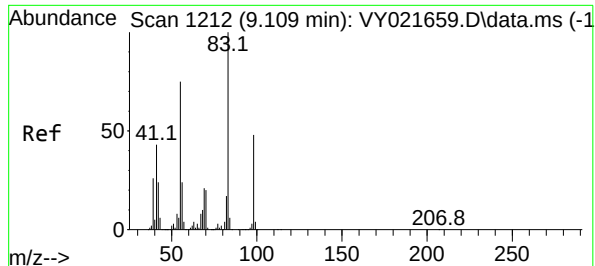
Delta R.T. -0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Tgt Ion:	117	Resp:	93678
Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.2	114.4
121	29.6	24.2	36.4





#39

Methylcyclohexane

Concen: 19.111 ug/l

RT: 9.110 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 83 Resp: 9246

Ion Ratio Lower Upper

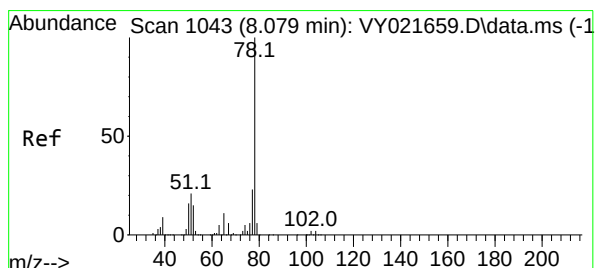
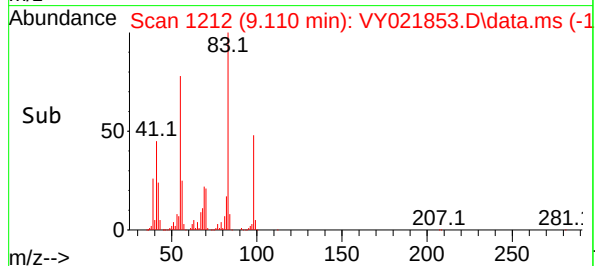
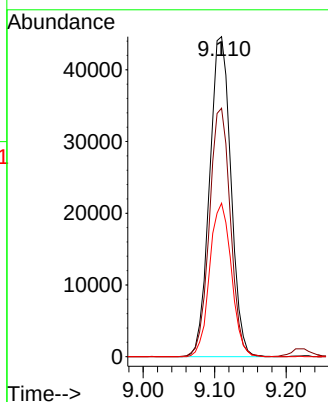
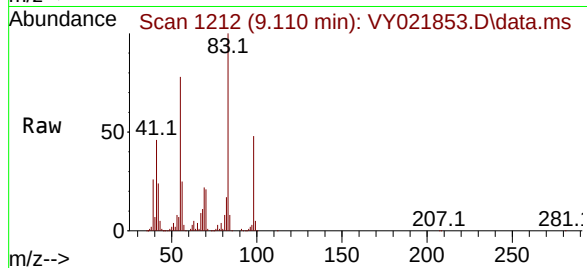
83 100

55 77.7 59.7 89.5

98 47.9 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#40

Benzene

Concen: 20.297 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021853.D

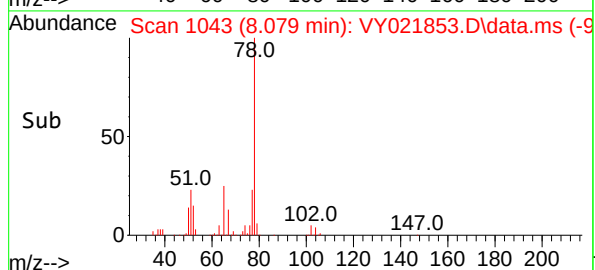
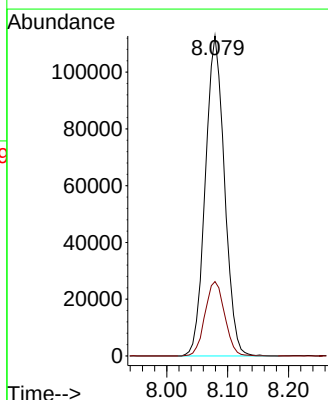
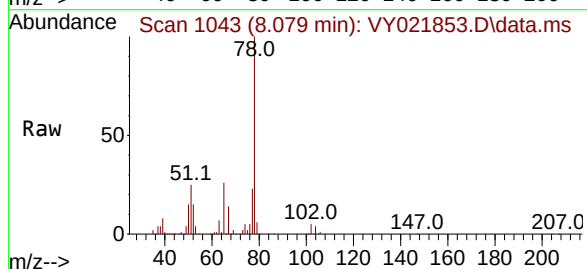
Acq: 11 Apr 2025 12:28

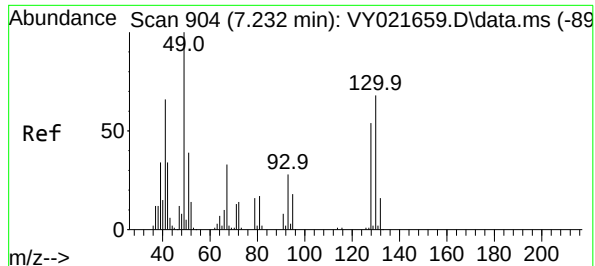
Tgt Ion: 78 Resp: 246182

Ion Ratio Lower Upper

78 100

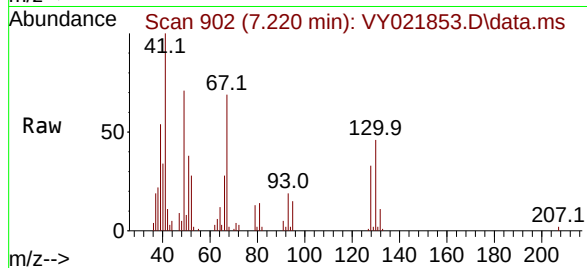
77 23.3 18.8 28.2





#41
Methacrylonitrile
Concen: 20.947 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

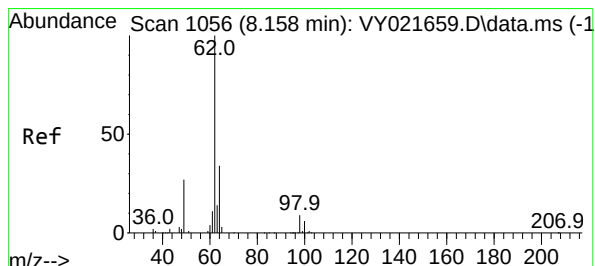
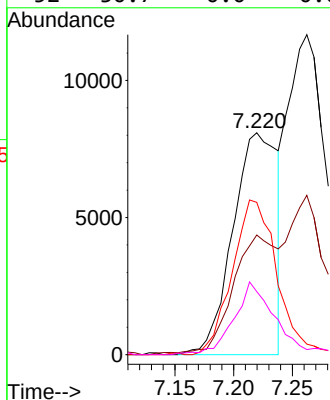
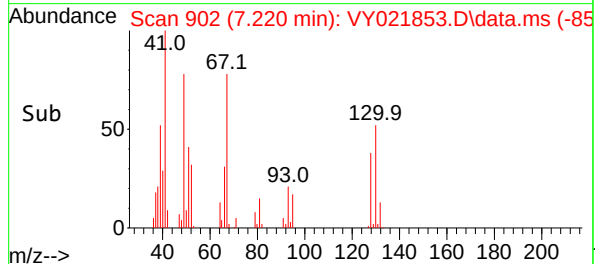
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01



Tgt Ion: 41 Resp: 2126
Ion Ratio Lower Upper
41 100
39 53.8 0.0 0.0
67 70.8 0.0 0.0
52 30.7 0.0 0.0

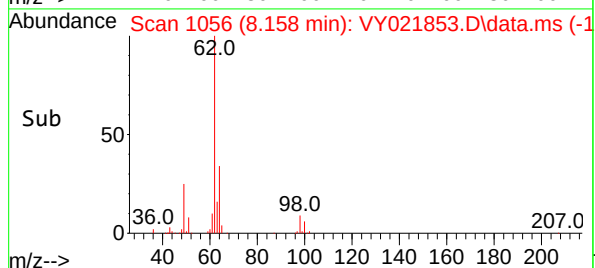
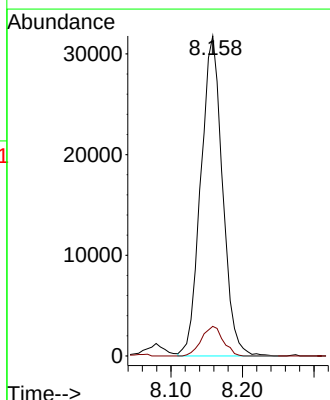
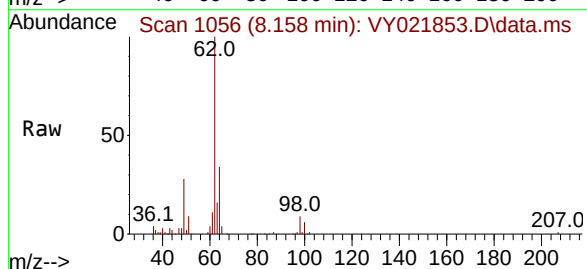
Manual Integrations
APPROVED

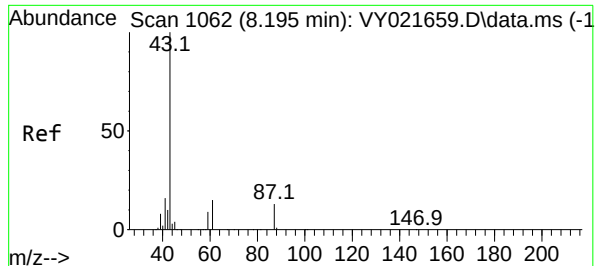
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#42
1,2-Dichloroethane
Concen: 19.580 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 62 Resp: 66951
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4





#43

Isopropyl Acetate

Concen: 18.744 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

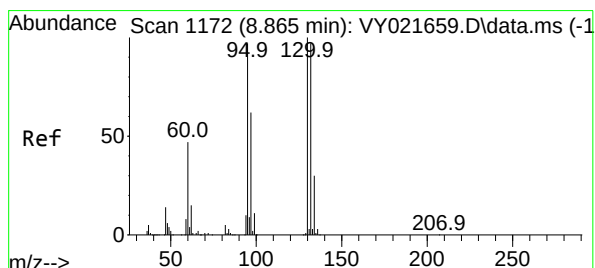
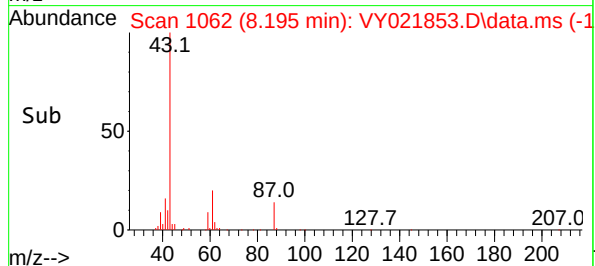
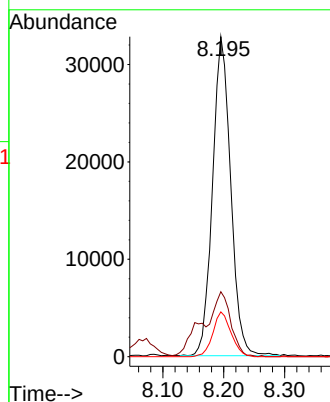
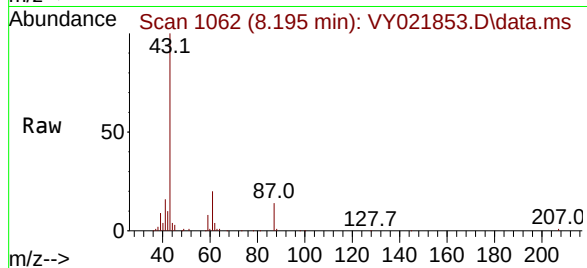
VY0411SBSD01

Tgt Ion:	43	Resp:	6789
Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.9	23.9
87	14.1	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#44

Trichloroethene

Concen: 20.886 ug/l

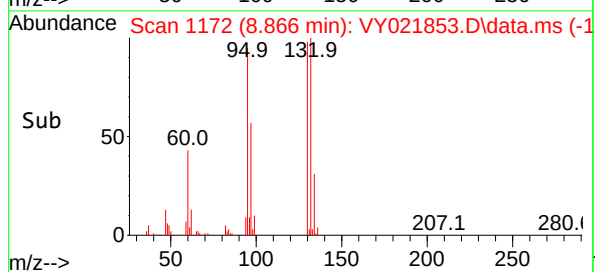
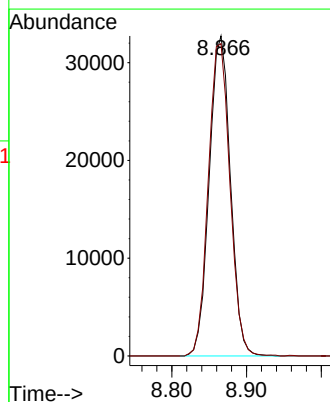
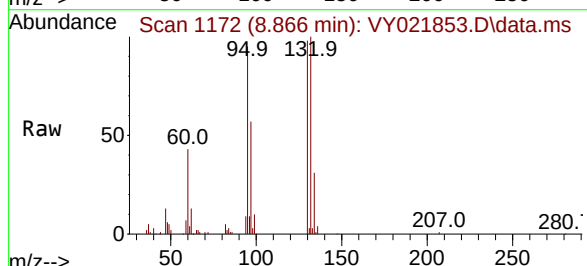
RT: 8.866 min Scan# 1172

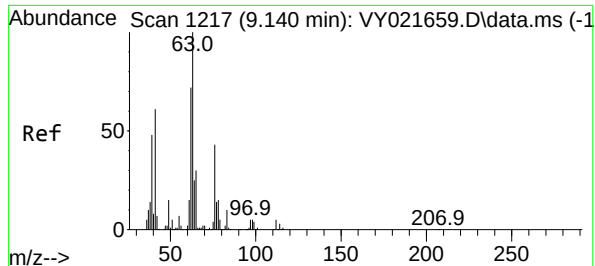
Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Tgt Ion:	130	Resp:	64547
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	194.8





#45

1,2-Dichloropropane

Concen: 19.918 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 63 Resp: 5718

Ion Ratio Lower Upper

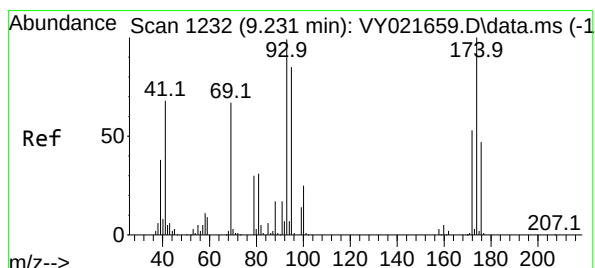
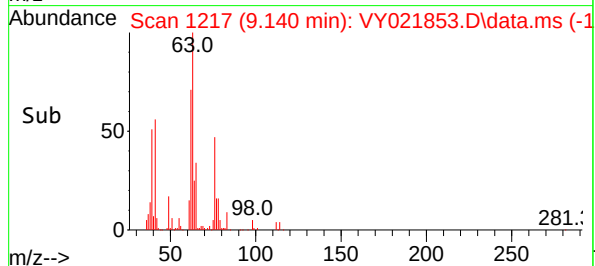
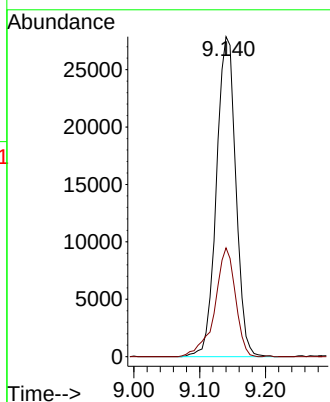
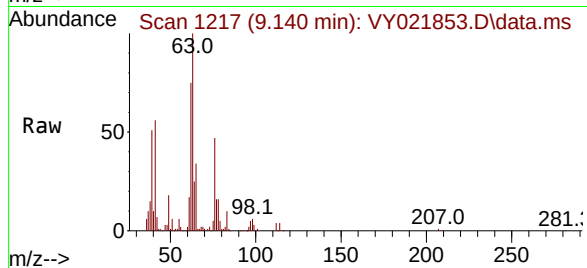
63 100

65 34.0 24.4 36.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#46

Dibromomethane

Concen: 19.949 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

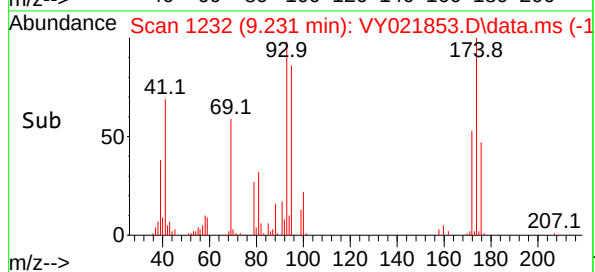
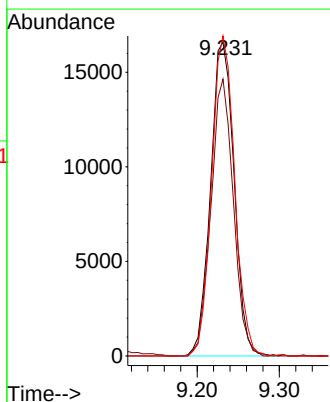
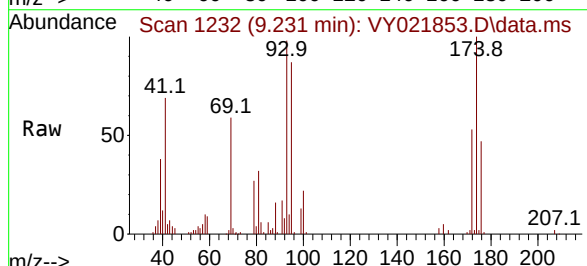
Tgt Ion: 93 Resp: 33009

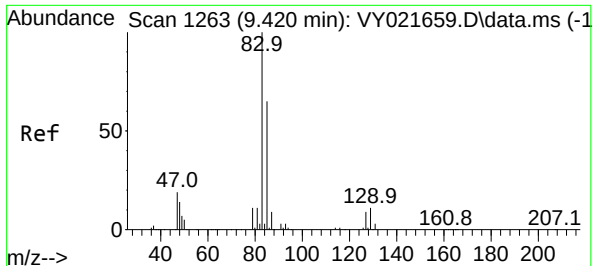
Ion Ratio Lower Upper

93 100

95 84.2 68.1 102.1

174 99.4 80.9 121.3





#47

Bromodichloromethane

Concen: 20.041 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

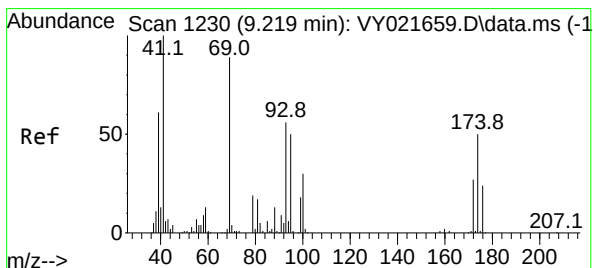
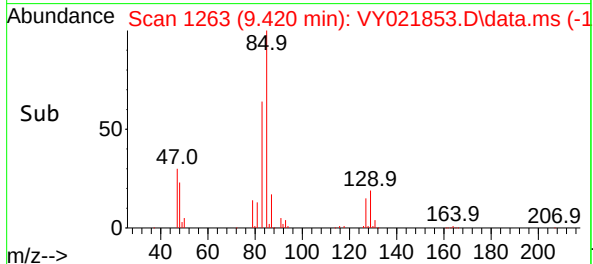
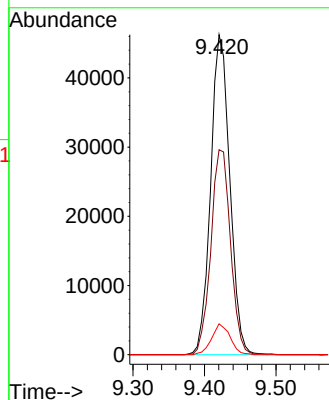
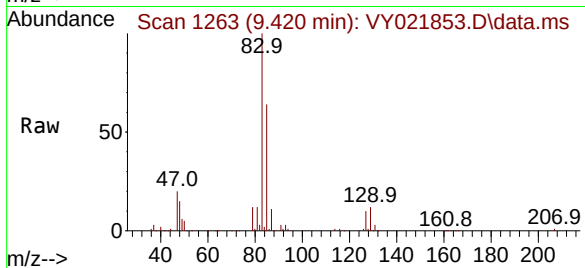
VY0411SBSD01

Tgt Ion:	83	Resp:	8592
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.8	77.6
127	9.6	6.8	10.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#48

Methyl methacrylate

Concen: 19.776 ug/l

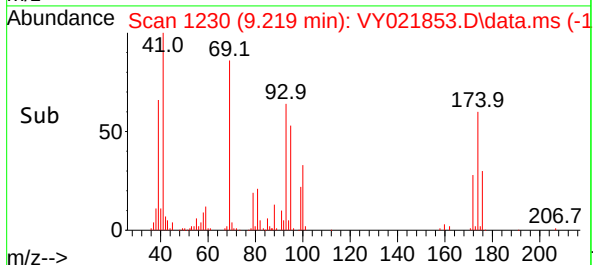
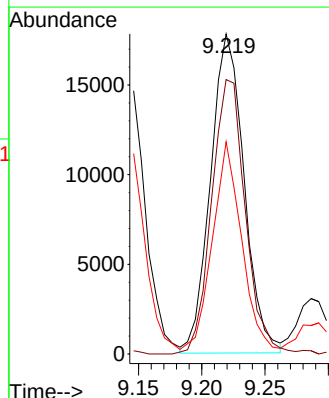
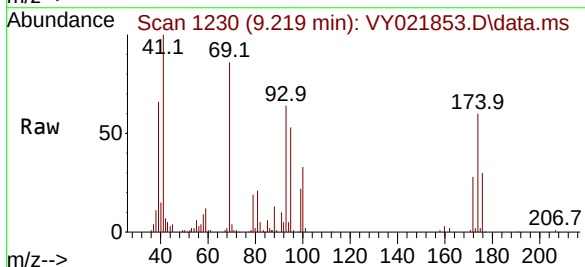
RT: 9.219 min Scan# 1230

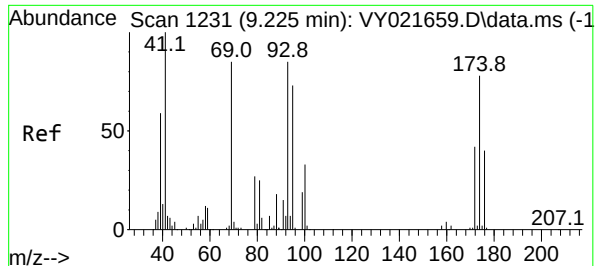
Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Tgt Ion:	41	Resp:	32878
Ion	Ratio	Lower	Upper
41	100		
69	86.7	69.8	104.8
39	55.8	47.2	70.8





#49

1,4-Dioxane

Concen: 414.937 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

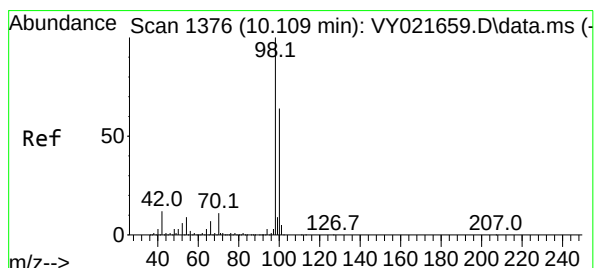
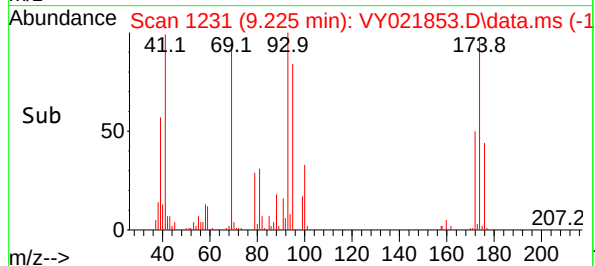
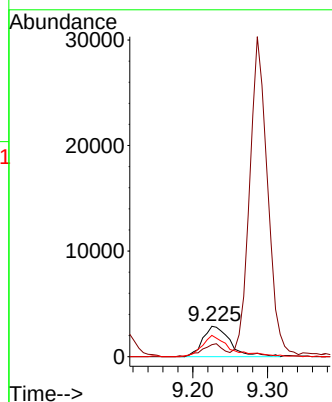
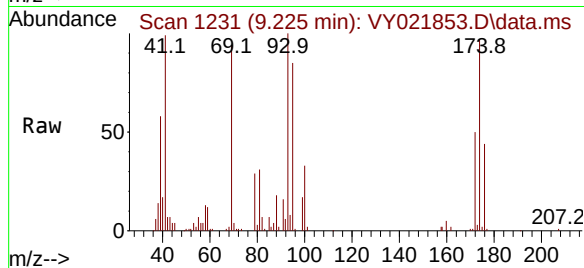
VY0411SBSD01

Tgt Ion:	88	Resp:	735
Ion	Ratio	Lower	Upper
88	100		
43	33.3	28.8	43.2
58	72.7	59.4	89.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#50

Toluene-d8

Concen: 53.116 ug/l

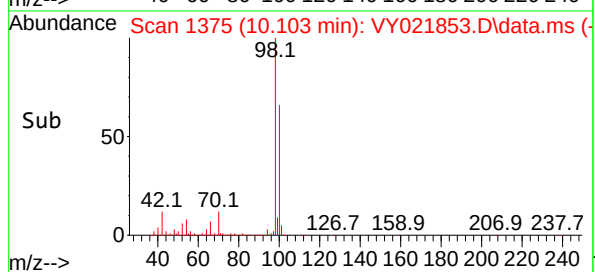
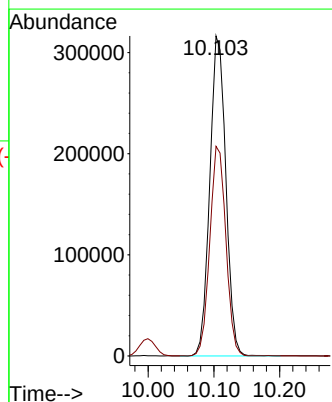
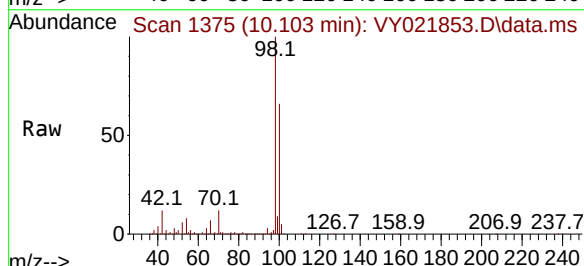
RT: 10.103 min Scan# 1375

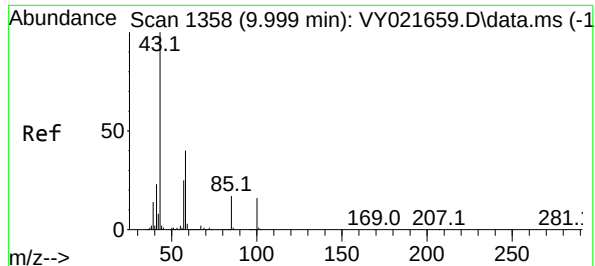
Delta R.T. -0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

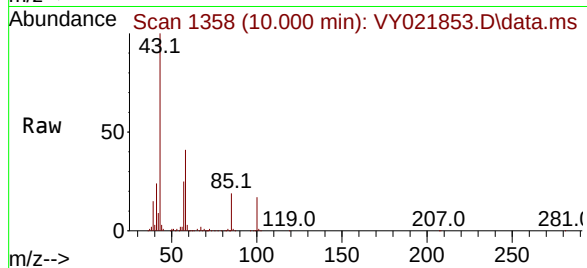
Tgt Ion:	98	Resp:	537312
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 94.443 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

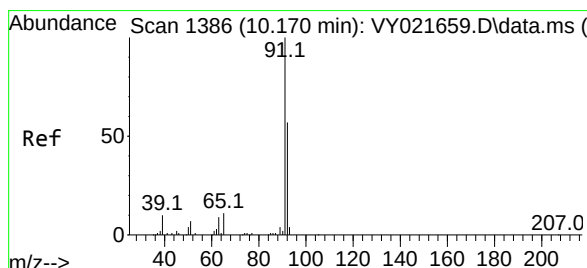
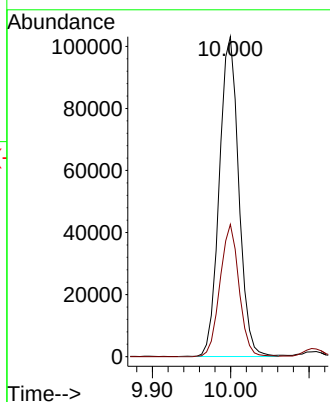
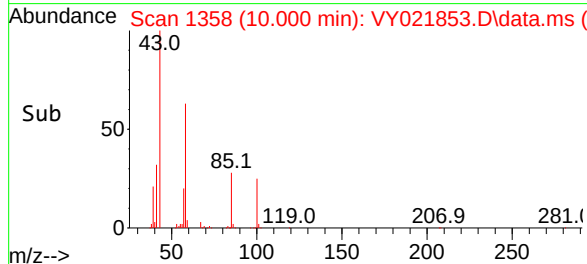
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01



Tgt Ion: 43 Resp: 178028
Ion Ratio Lower Upper
43 100
58 40.6 31.5 47.3

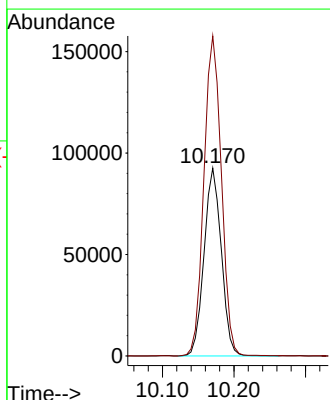
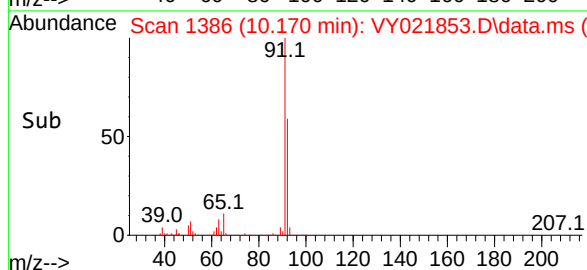
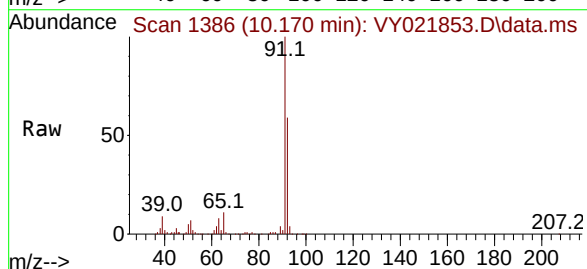
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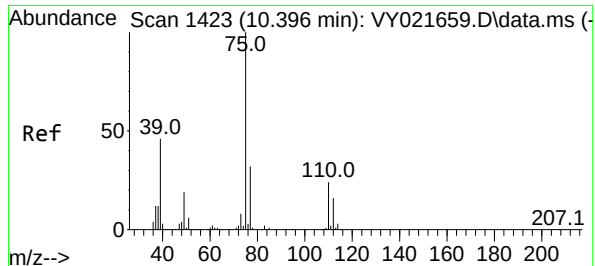
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#52
Toluene
Concen: 20.499 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 92 Resp: 155125
Ion Ratio Lower Upper
92 100
91 172.5 138.6 207.8





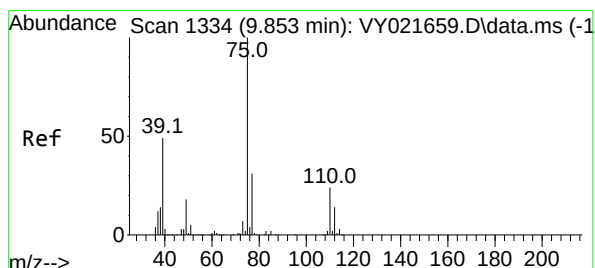
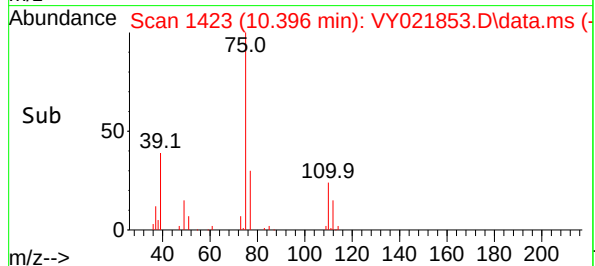
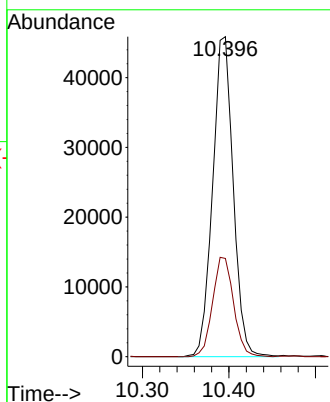
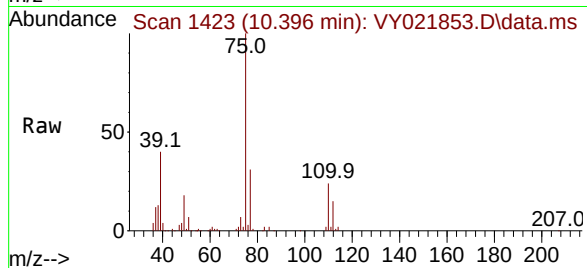
#53
t-1,3-Dichloropropene
Concen: 19.876 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Tgt Ion: 75 Resp: 7569
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9

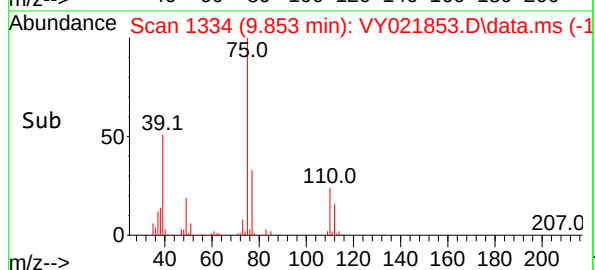
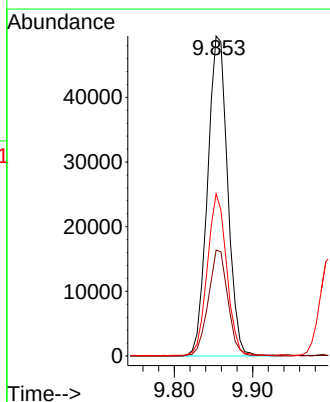
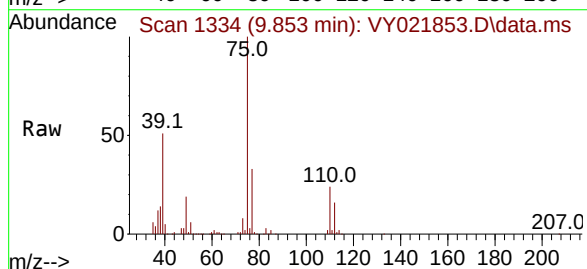
Manual Integrations
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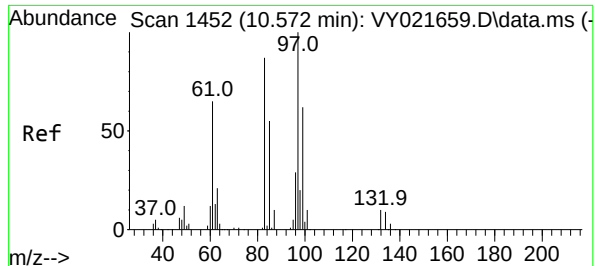
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#54
cis-1,3-Dichloropropene
Concen: 19.557 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 75 Resp: 87863
Ion Ratio Lower Upper
75 100
77 33.1 24.9 37.3
39 50.4 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.595 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 97 Resp: 4385

Ion Ratio Lower Upper

97 100

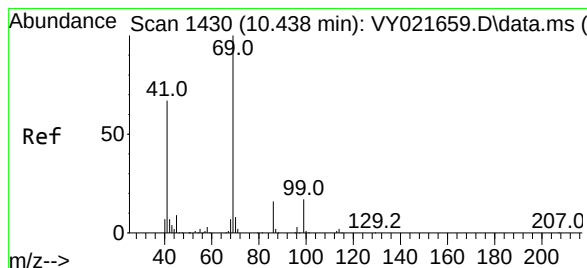
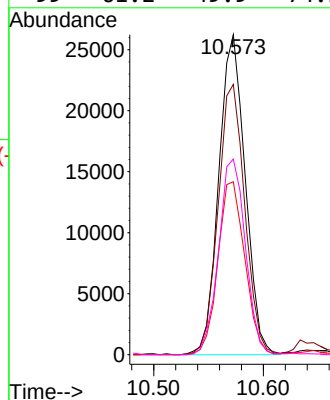
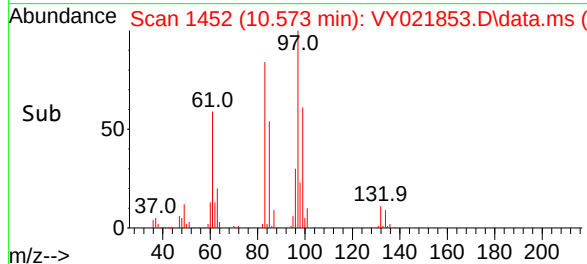
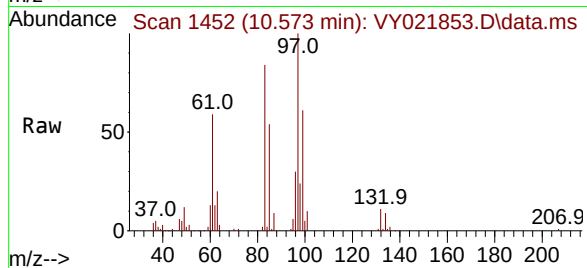
83 84.4 69.5 104.3

85 54.1 43.9 65.9

99 61.2 49.9 74.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#56

Ethyl methacrylate

Concen: 20.012 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

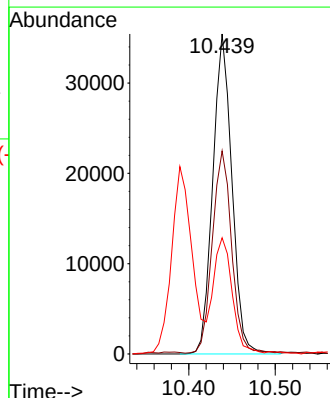
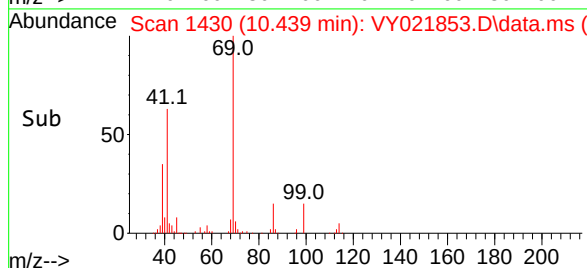
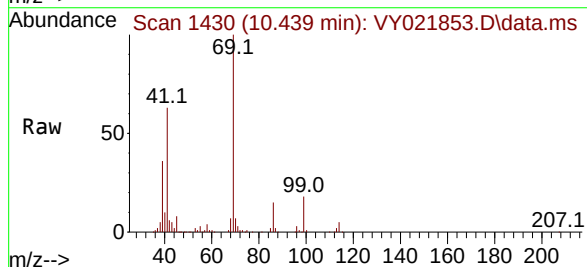
Tgt Ion: 69 Resp: 54410

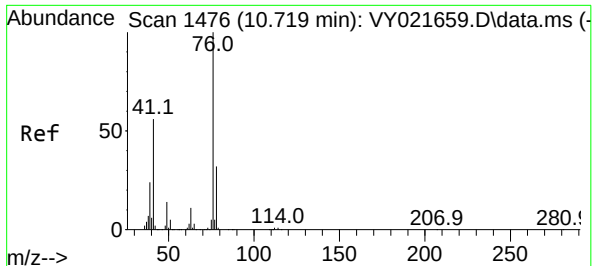
Ion Ratio Lower Upper

69 100

41 63.8 53.8 80.6

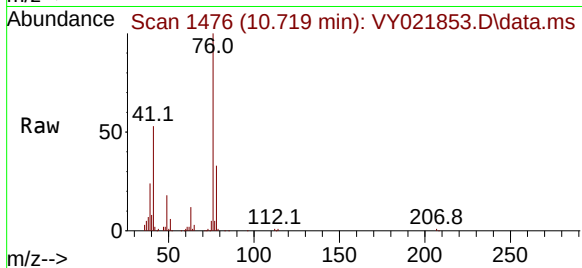
39 34.6 29.6 44.4





#57
1,3-Dichloropropane
Concen: 20.115 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

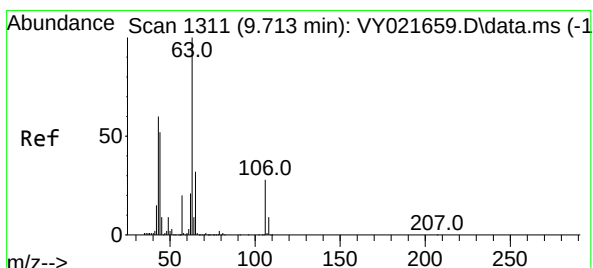
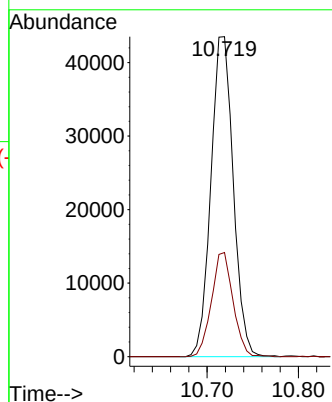
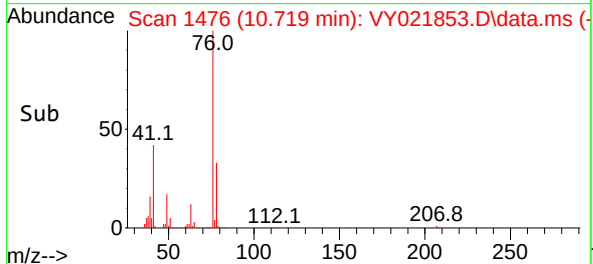
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01



Tgt Ion: 76 Resp: 7397
Ion Ratio Lower Upper
76 100
78 31.4 25.8 38.8

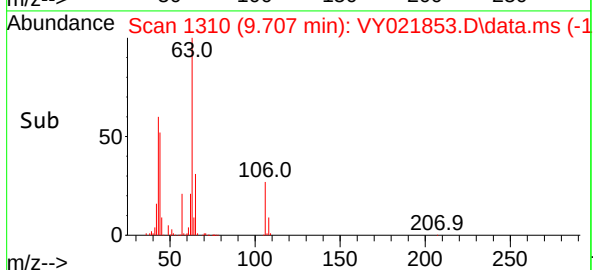
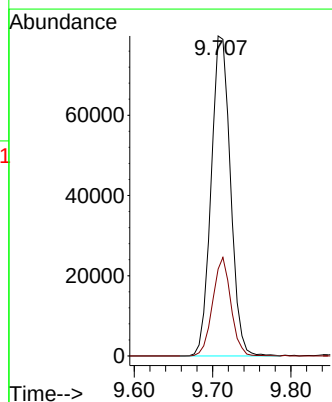
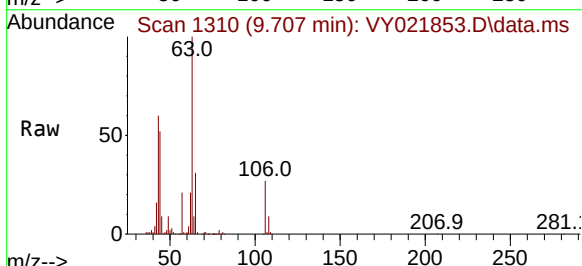
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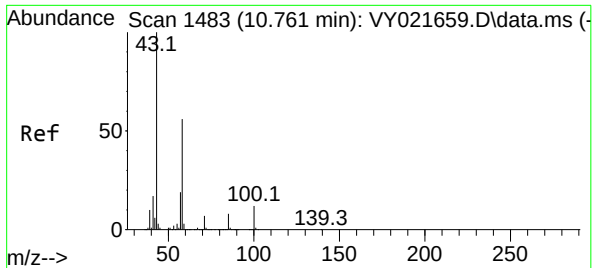
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 102.933 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

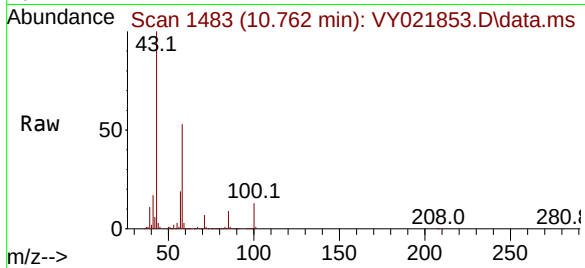
Tgt Ion: 63 Resp: 136529
Ion Ratio Lower Upper
63 100
106 29.0 22.4 33.6





#59
2-Hexanone
Concen: 93.444 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

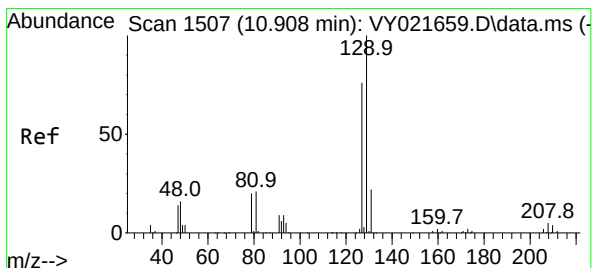
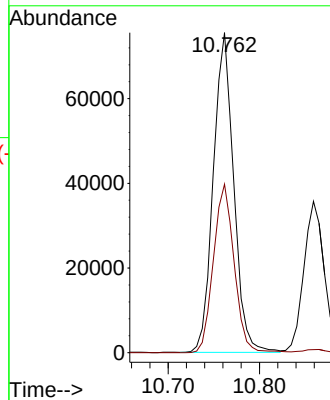
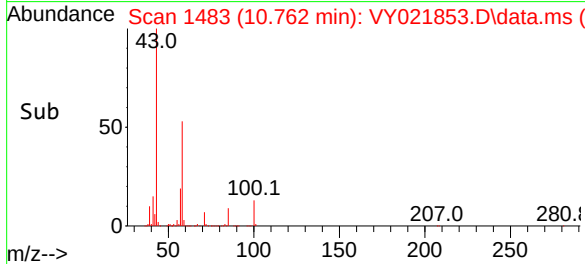
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01



Tgt Ion: 43 Resp: 117310
Ion Ratio Lower Upper
43 100
58 53.6 27.2 81.5

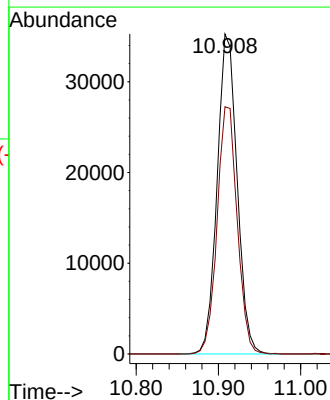
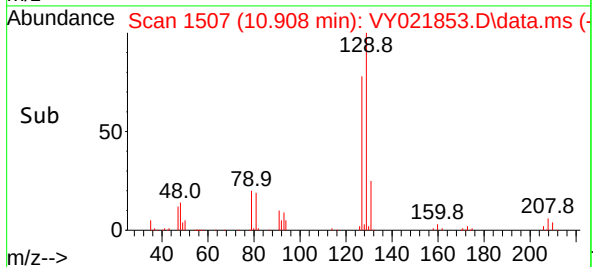
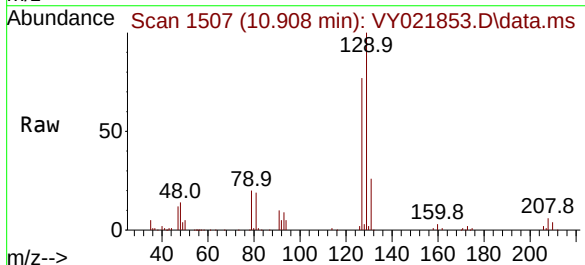
Manual Integrations
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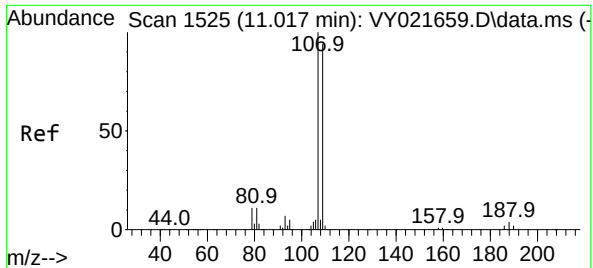
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#60
Dibromochloromethane
Concen: 20.483 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion:129 Resp: 59548
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7





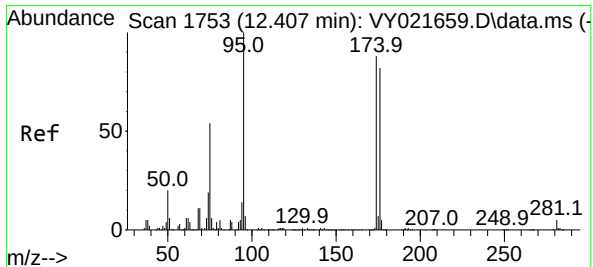
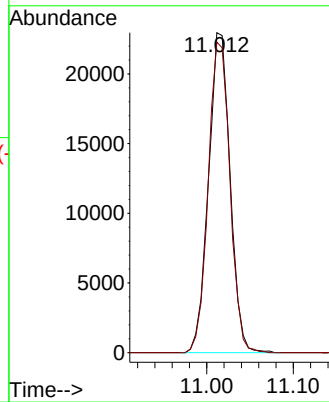
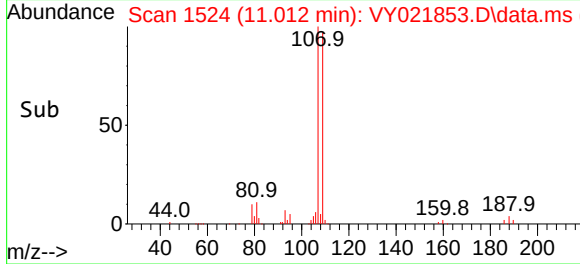
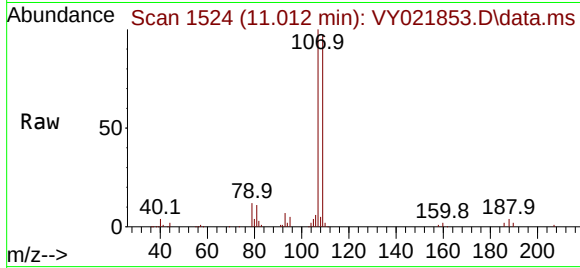
#61
1,2-Dibromoethane
Concen: 19.918 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Tgt Ion:107 Resp: 3978
Ion Ratio Lower Upper
107 100
109 97.4 74.4 111.6

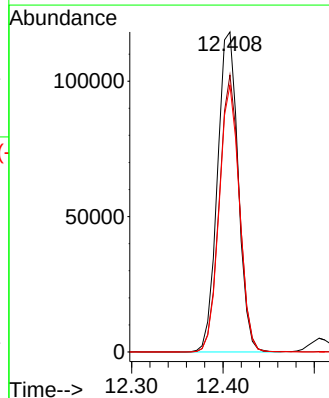
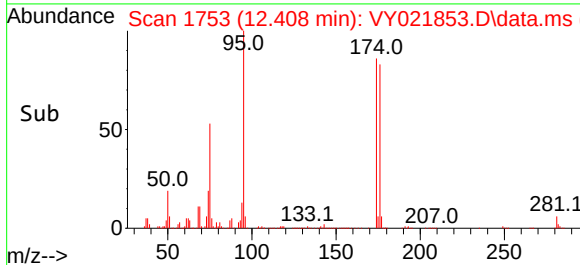
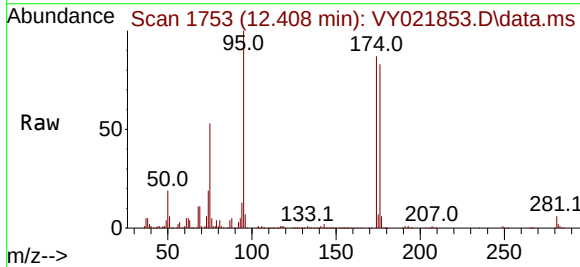
Manual Integrations
APPROVED

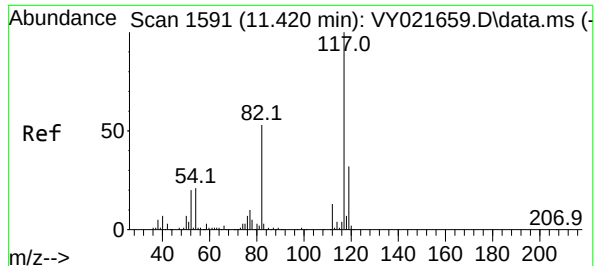
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#62
4-Bromofluorobenzene
Concen: 54.474 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

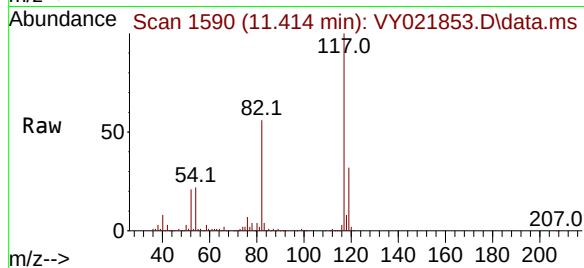
Tgt Ion: 95 Resp: 186390
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.8
176 81.4 0.0 162.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11590
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

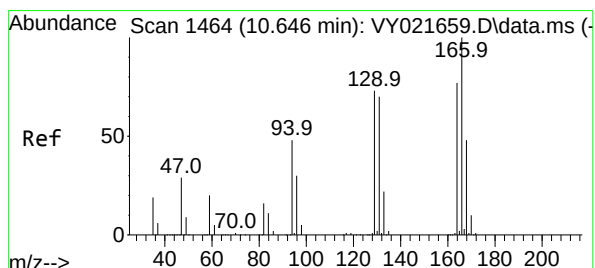
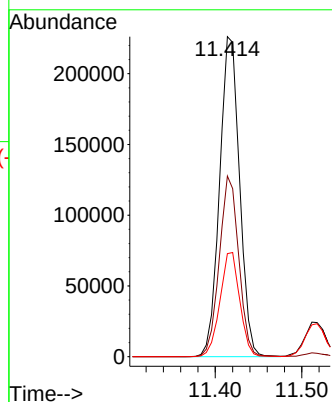
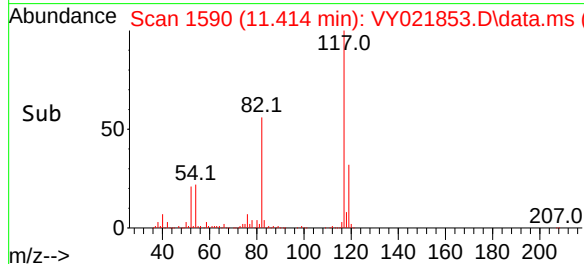
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01



Tgt Ion:117 Resp: 362620
Ion Ratio Lower Upper
117 100
82 56.5 42.8 64.2
119 32.2 25.7 38.5

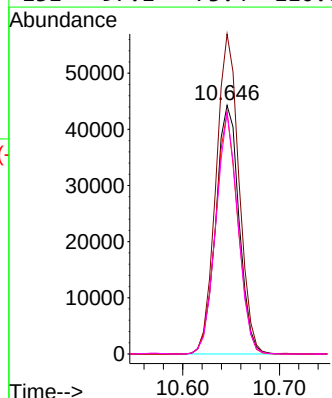
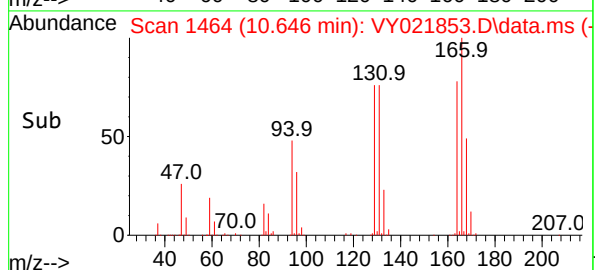
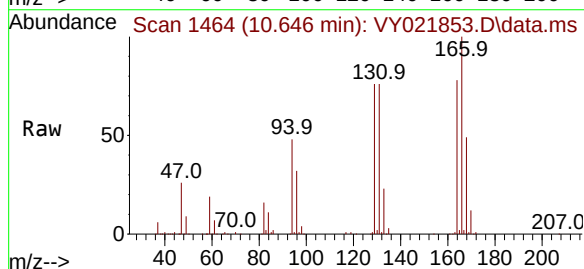
Manual Integrations
APPROVED

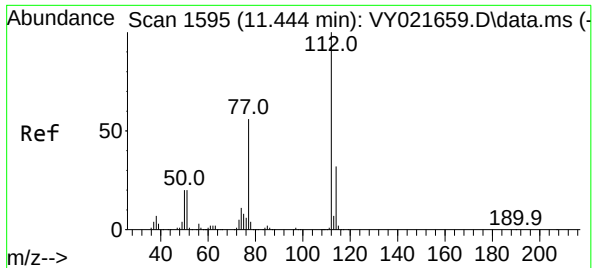
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#64
Tetrachloroethene
Concen: 22.375 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

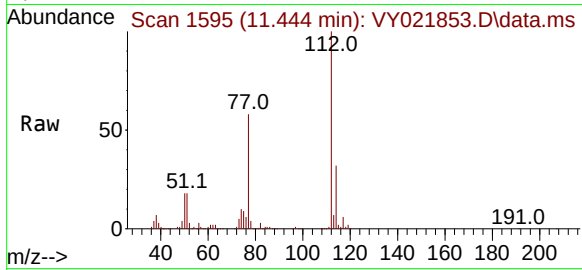
Tgt Ion:164 Resp: 73897
Ion Ratio Lower Upper
164 100
166 128.7 104.6 156.8
129 97.3 76.6 114.8
131 97.1 73.4 110.0





#65
Chlorobenzene
Concen: 20.392 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

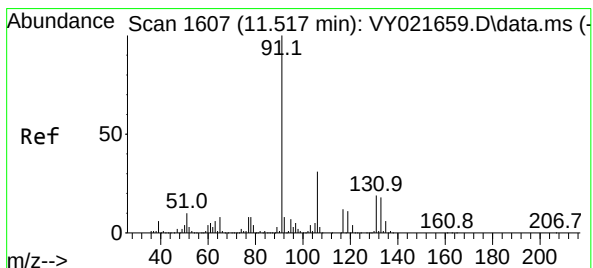
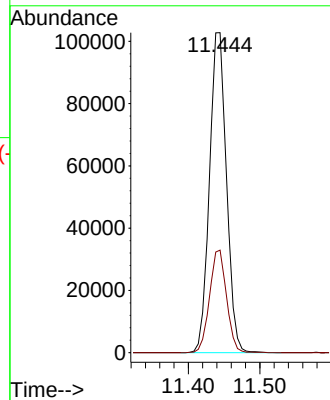
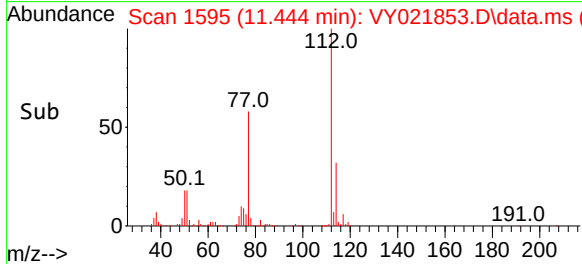
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



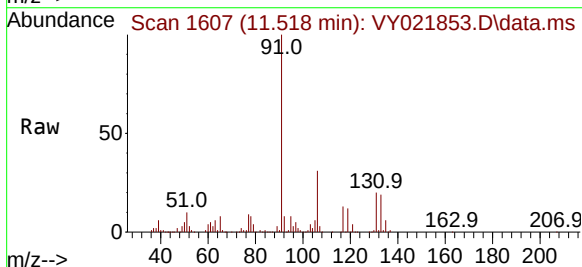
Tgt Ion:112 Resp: 169509
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9

Manual Integrations
APPROVED

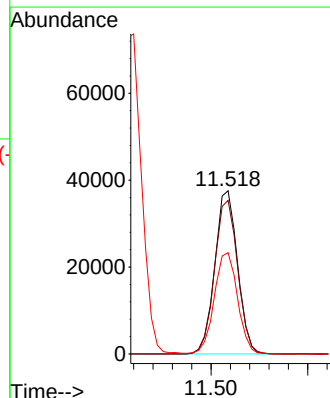
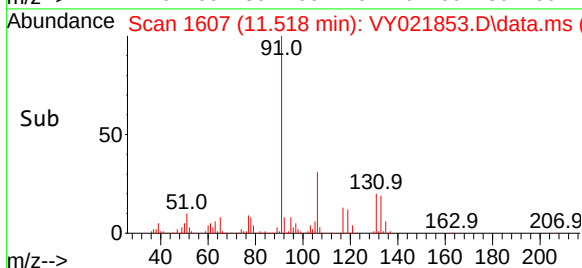
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

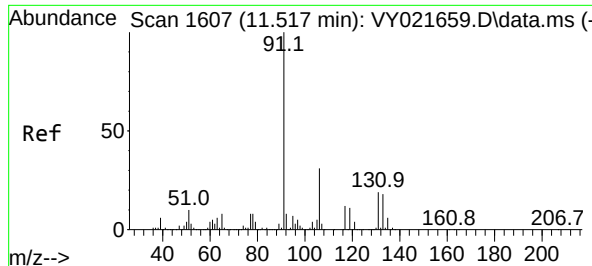


#66
1,1,1,2-Tetrachloroethane
Concen: 20.753 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28



Tgt Ion:131 Resp: 61208
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 63.8 31.6 95.0





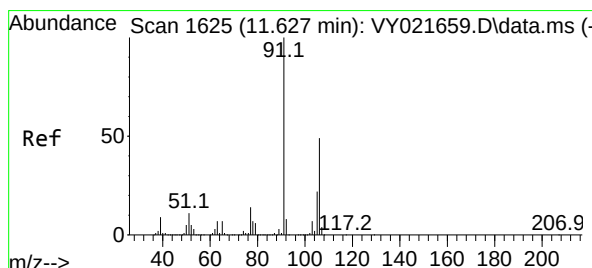
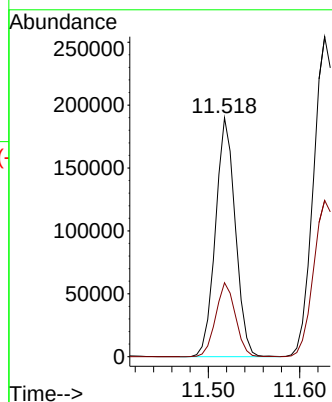
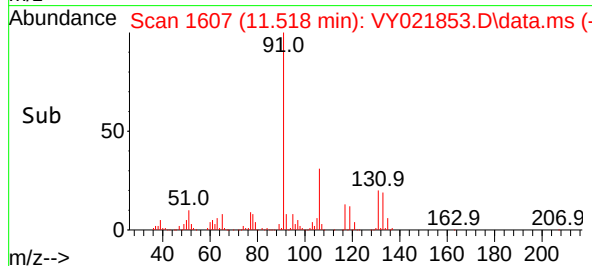
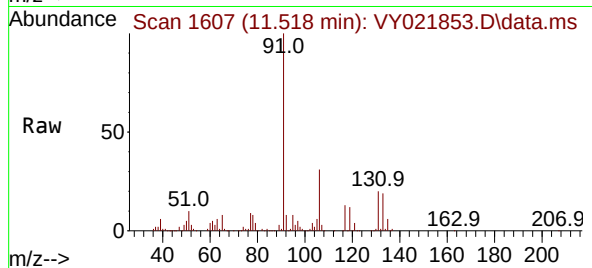
#67
Ethyl Benzene
Concen: 20.054 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Tgt Ion: 91 Resp: 28585
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

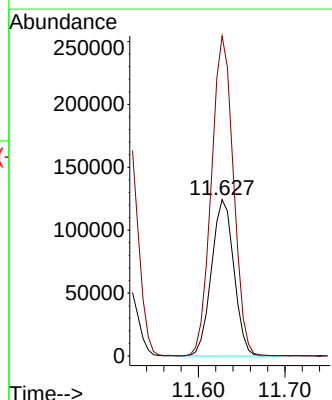
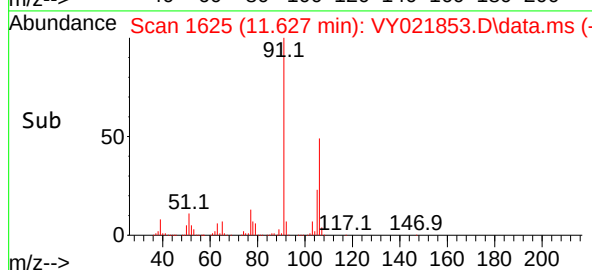
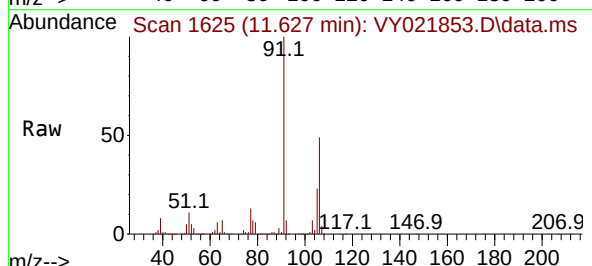
Manual Integrations
APPROVED

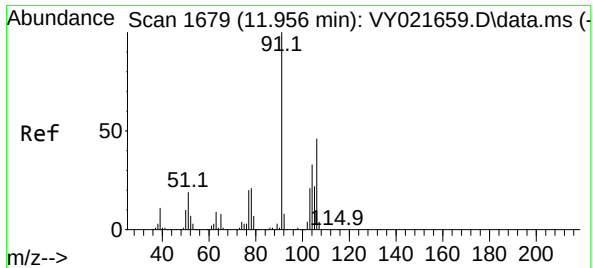
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#68
m/p-Xylenes
Concen: 40.827 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion:106 Resp: 222848
Ion Ratio Lower Upper
106 100
91 202.1 162.4 243.6





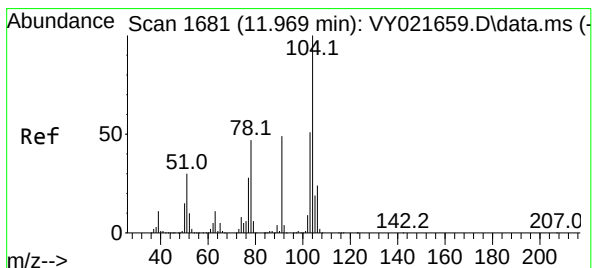
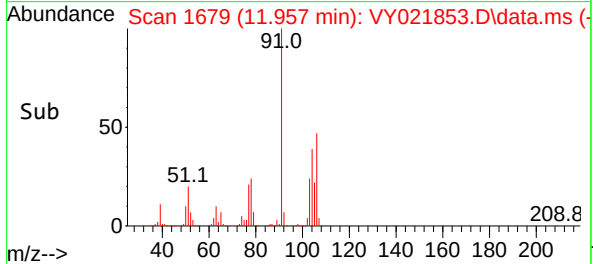
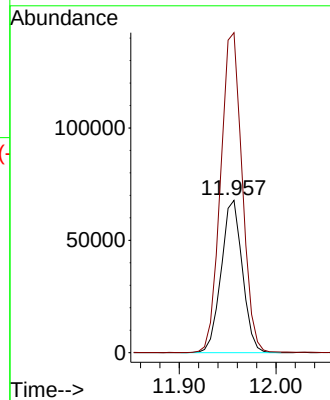
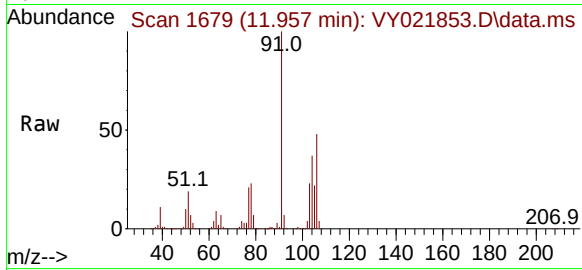
#69
o-Xylene
Concen: 20.457 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Tgt Ion:106 Resp: 103070
Ion Ratio Lower Upper
106 100
91 214.0 106.7 319.9

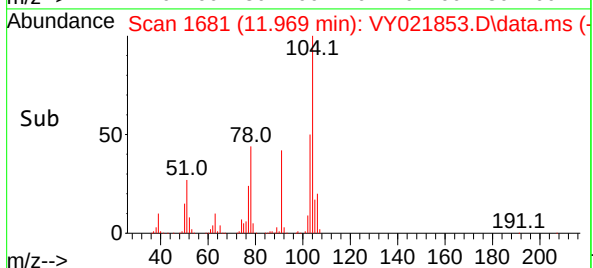
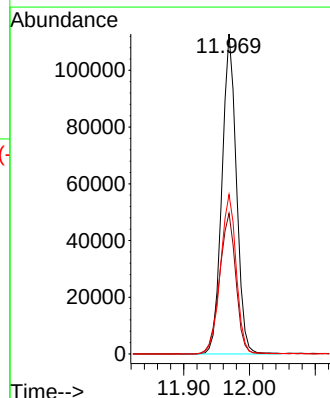
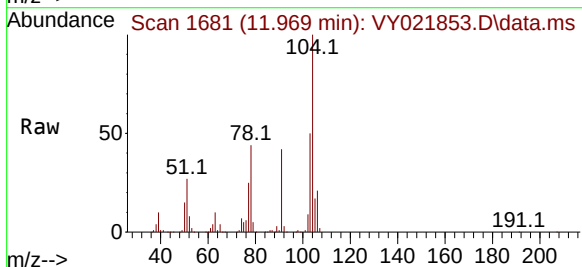
Manual Integrations
APPROVED

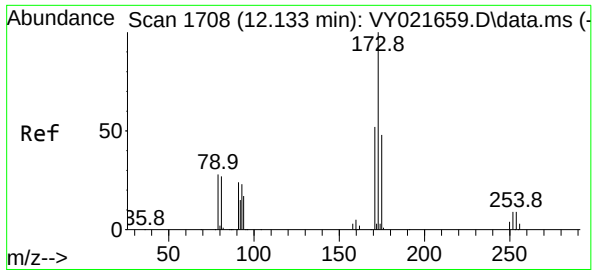
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#70
Styrene
Concen: 20.585 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

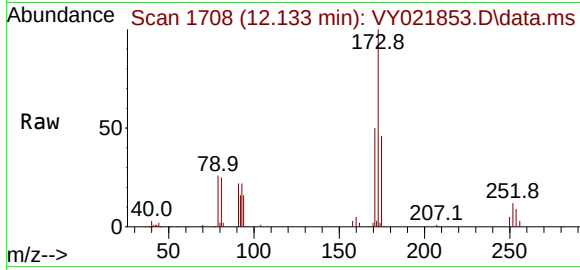
Tgt Ion:104 Resp: 172929
Ion Ratio Lower Upper
104 100
78 49.5 40.8 61.2
103 54.4 44.2 66.2





#71
Bromoform
Concen: 20.366 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

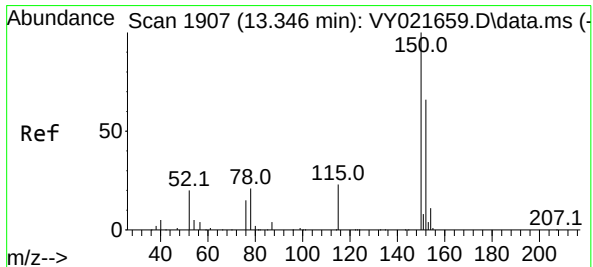
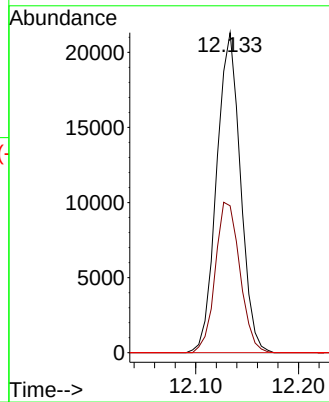
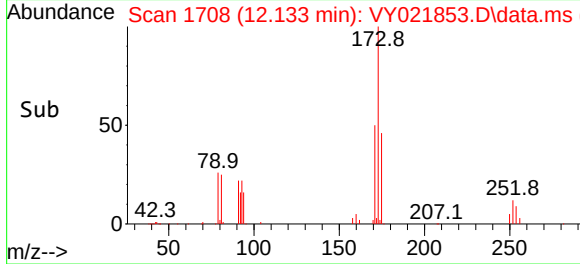
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01



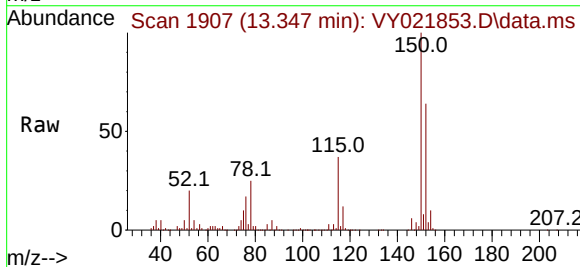
Tgt Ion:173 Resp: 3426
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.0 0.1 0.1

Manual Integrations
APPROVED

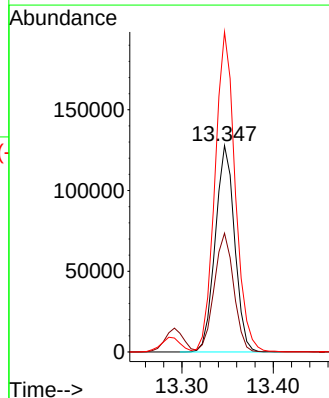
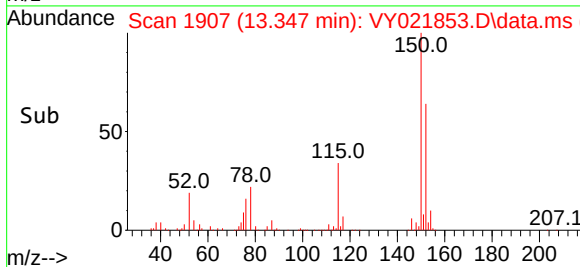
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

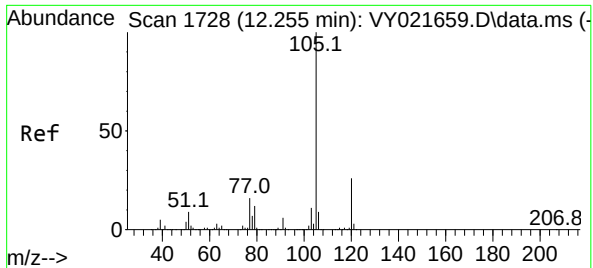


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28



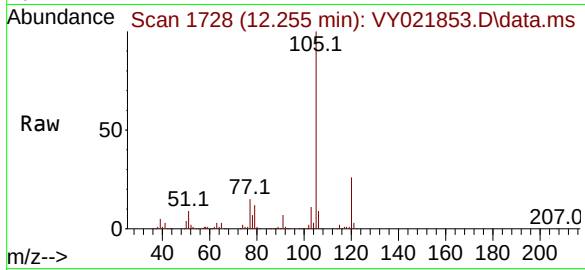
Tgt Ion:152 Resp: 188335
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 161.7 0.0 348.4





#73
Isopropylbenzene
Concen: 19.741 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

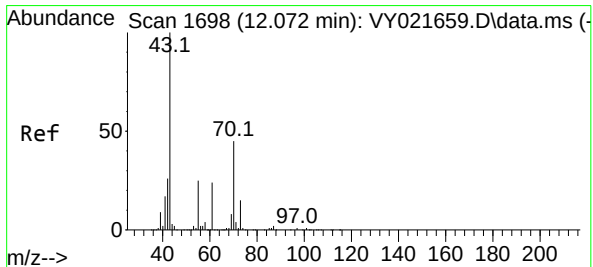
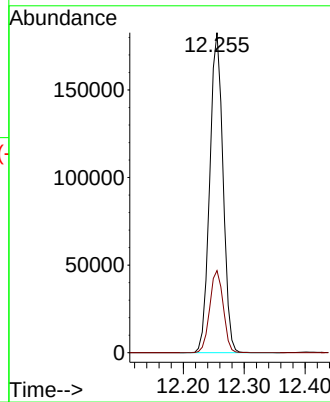
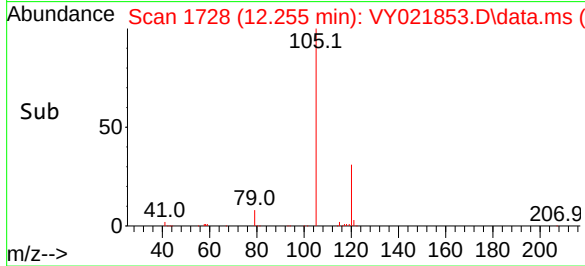
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01



Tgt Ion: 105 Resp: 276149
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

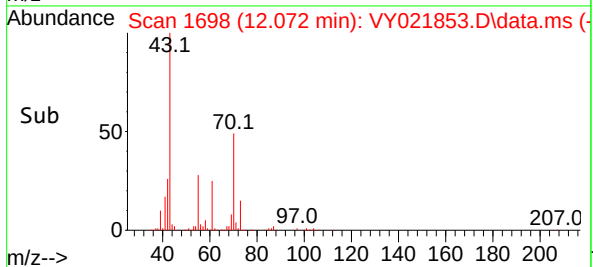
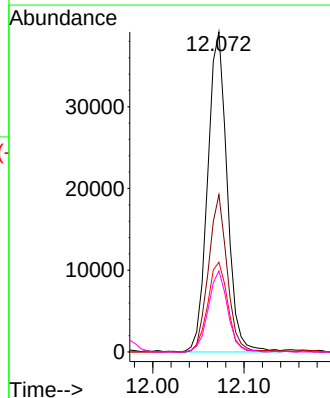
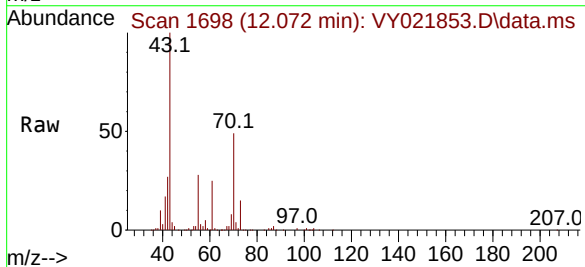
Manual Integrations
APPROVED

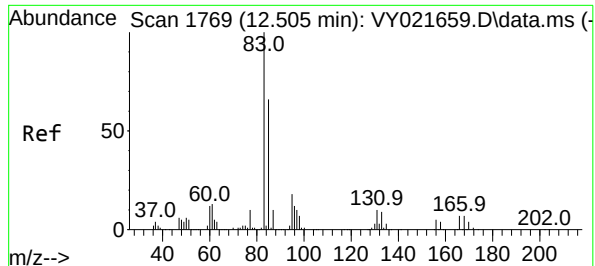
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#74
N-ethyl acetate
Concen: 17.661 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 43 Resp: 57979
Ion Ratio Lower Upper
43 100
70 47.4 34.7 52.1
55 29.2 21.2 31.8
61 25.2 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.980 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 83 Resp: 45218

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

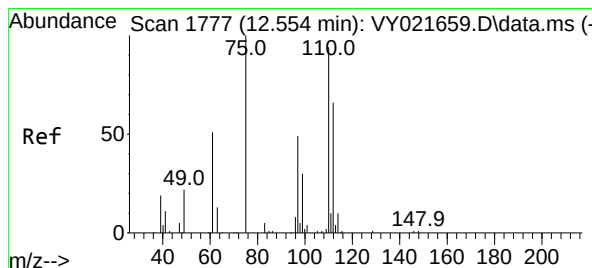
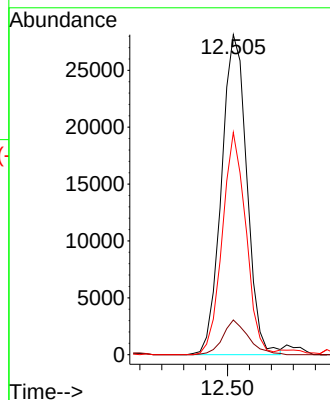
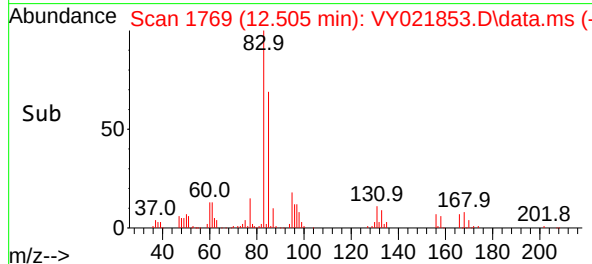
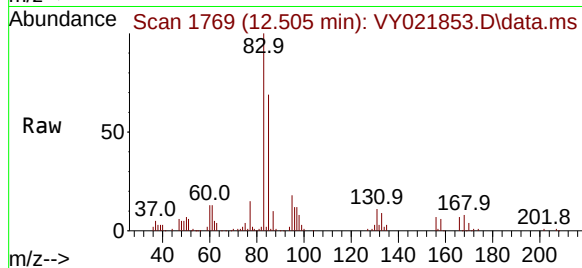
85 64.7 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025

Supervised By :Semsettin Yesilyurt 04/14/2025



#76

1,2,3-Trichloropropane

Concen: 19.026 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021853.D

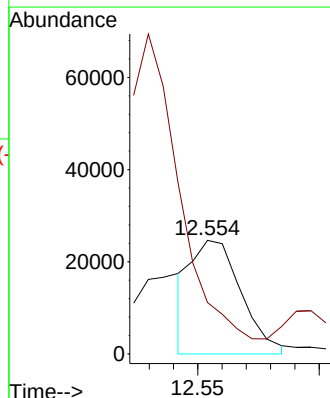
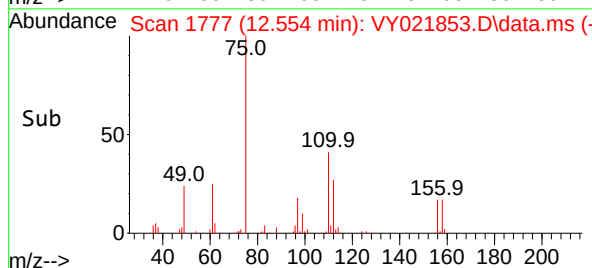
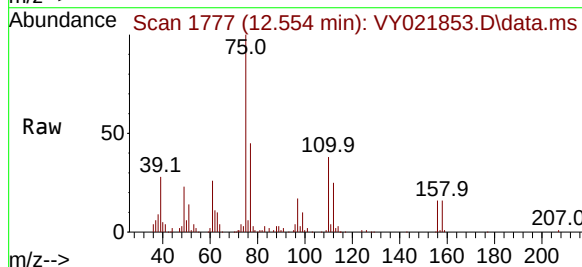
Acq: 11 Apr 2025 12:28

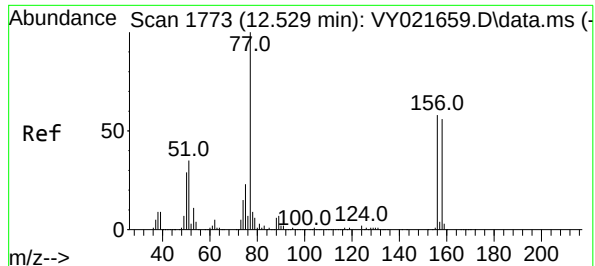
Tgt Ion: 75 Resp: 35519

Ion Ratio Lower Upper

75 100

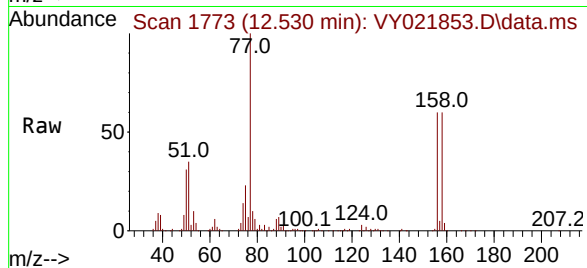
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.699 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

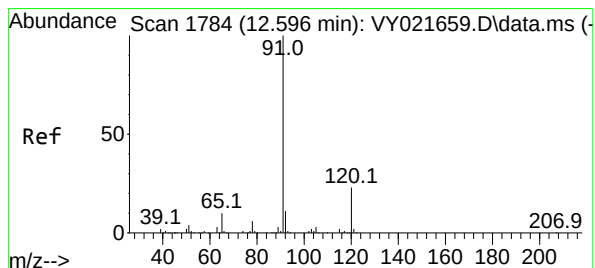
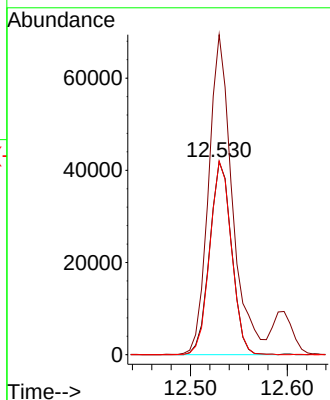
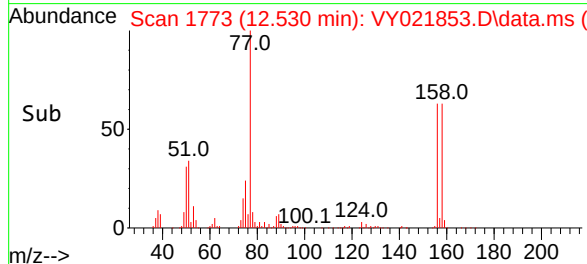
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01



Tgt Ion: 156 Resp: 66160
Ion Ratio Lower Upper
156 100
77 179.7 92.8 278.3
158 99.0 48.5 145.6

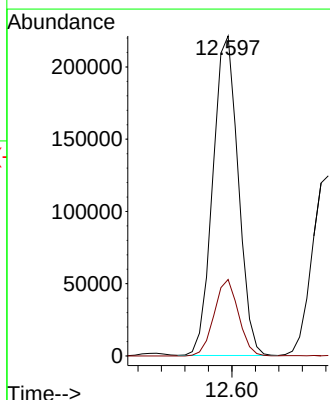
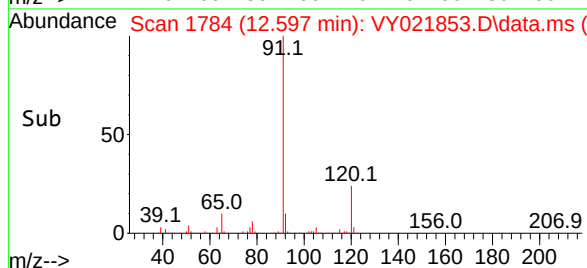
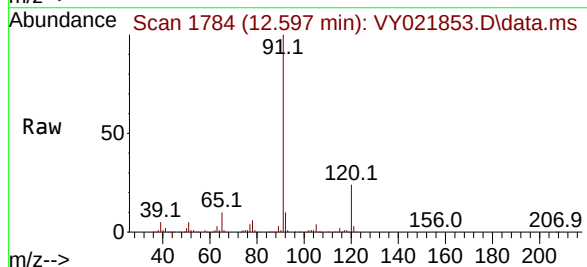
Manual Integrations
APPROVED

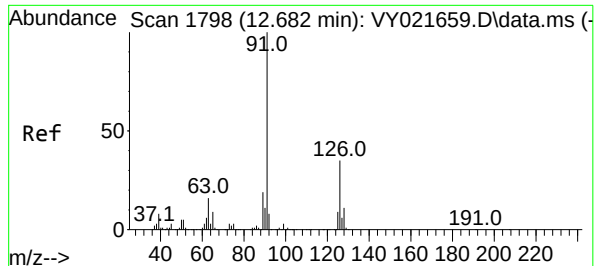
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#78
n-propylbenzene
Concen: 19.738 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 91 Resp: 331933
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.932 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 91 Resp: 194690

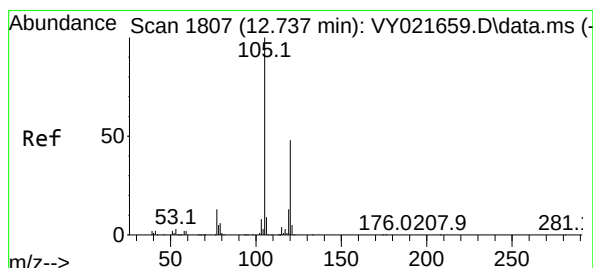
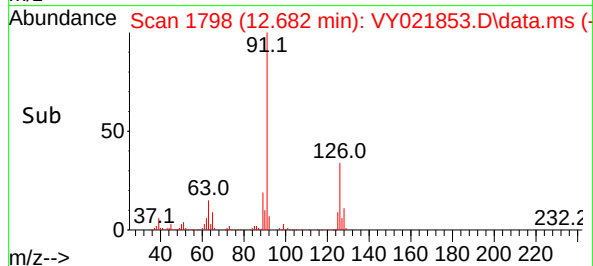
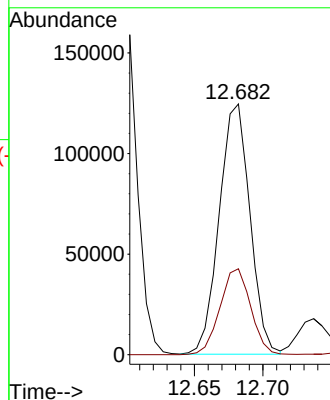
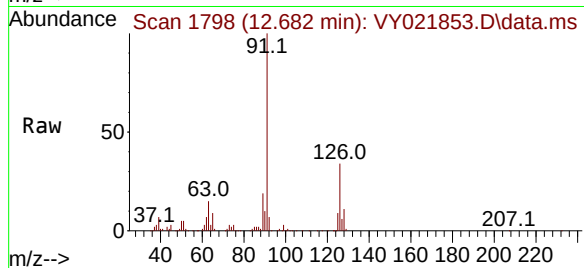
Ion Ratio Lower Upper

91 100

126 34.2 17.3 52.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#80

1,3,5-Trimethylbenzene

Concen: 19.856 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021853.D

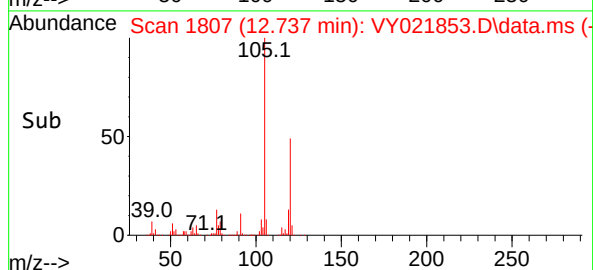
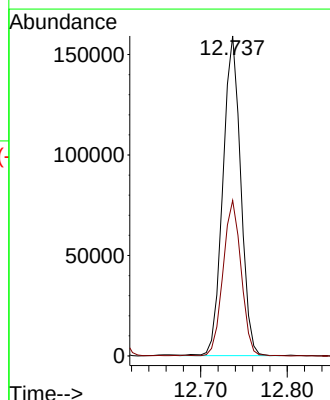
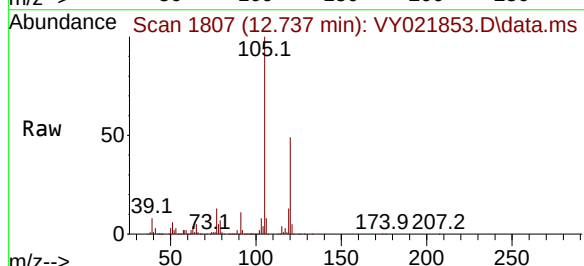
Acq: 11 Apr 2025 12:28

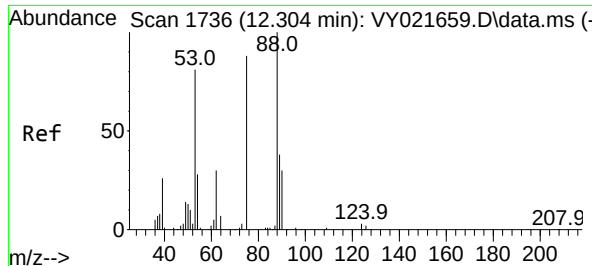
Tgt Ion:105 Resp: 227007

Ion Ratio Lower Upper

105 100

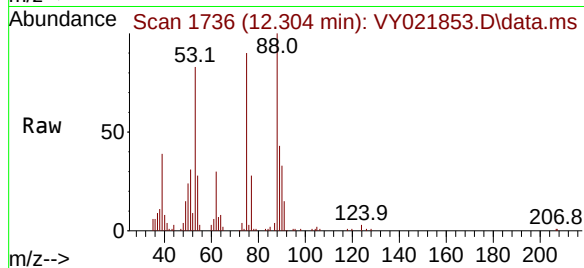
120 49.6 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 18.001 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

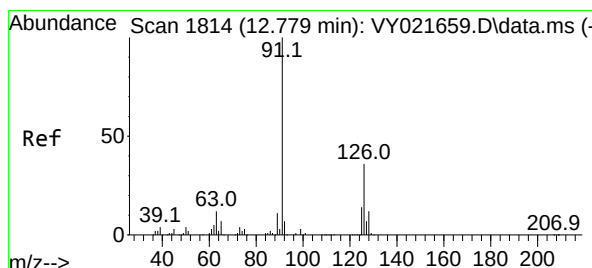
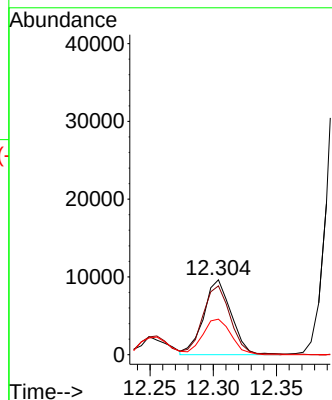
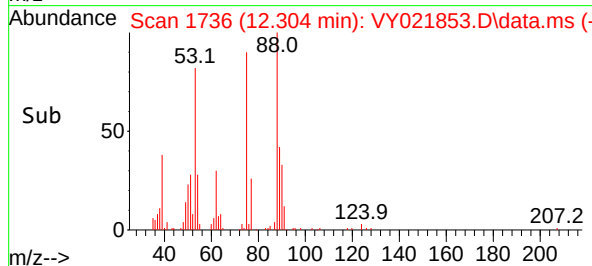
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01



Tgt Ion: 75 Resp: 1458
Ion Ratio Lower Upper
75 100
53 93.2 76.1 114.1
89 48.5 36.2 54.4

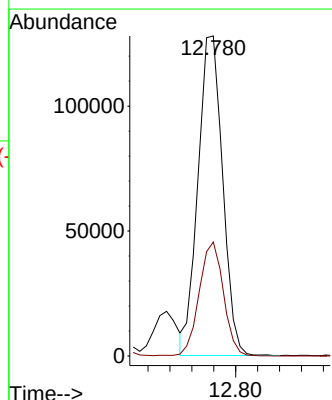
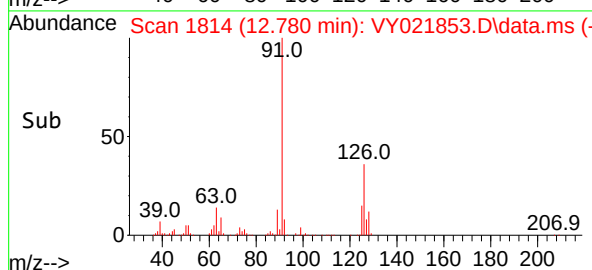
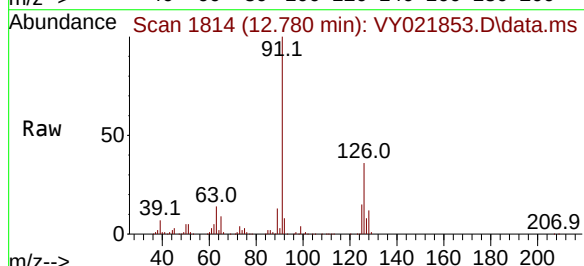
Manual Integrations
APPROVED

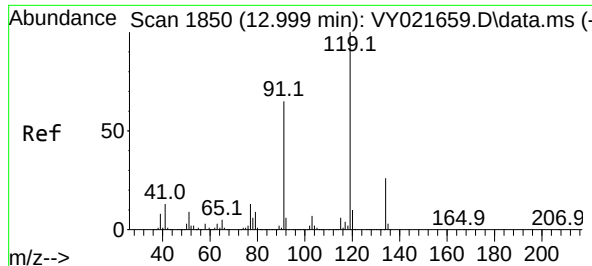
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#82
4-Chlorotoluene
Concen: 19.643 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 91 Resp: 200035
Ion Ratio Lower Upper
91 100
126 35.1 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.823 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion:119 Resp: 20186

Ion Ratio Lower Upper

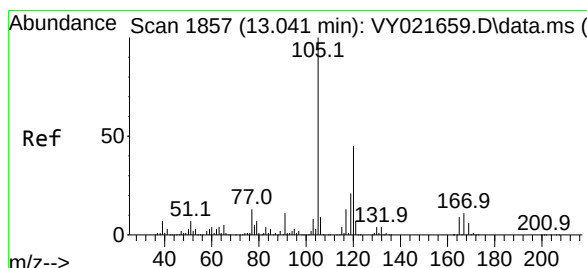
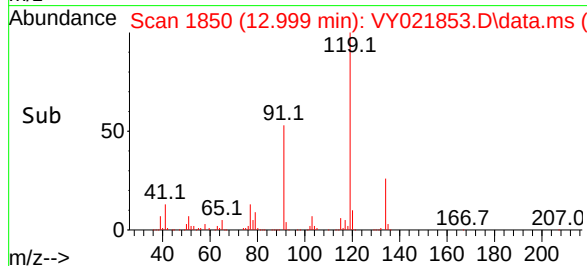
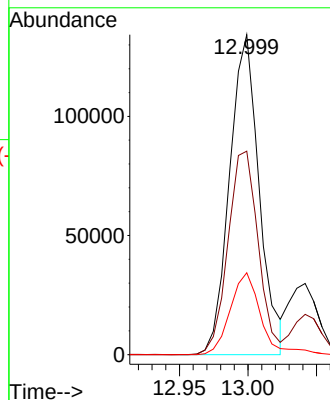
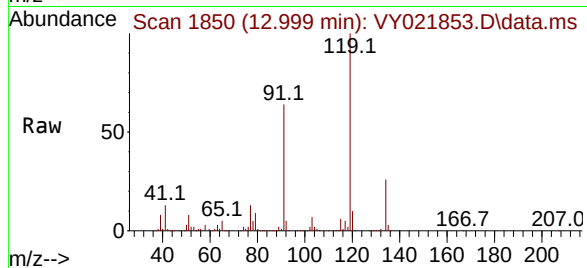
119 100

91 65.1 32.6 97.7

134 26.5 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#84

1,2,4-Trimethylbenzene

Concen: 20.238 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021853.D

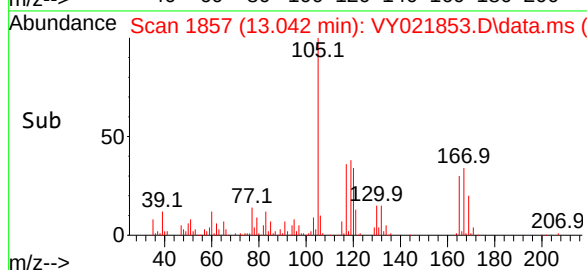
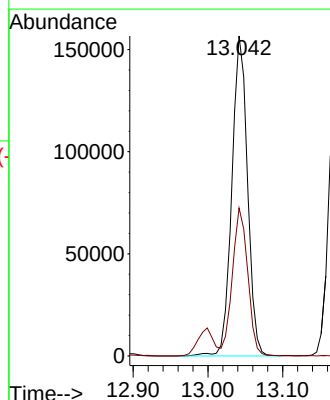
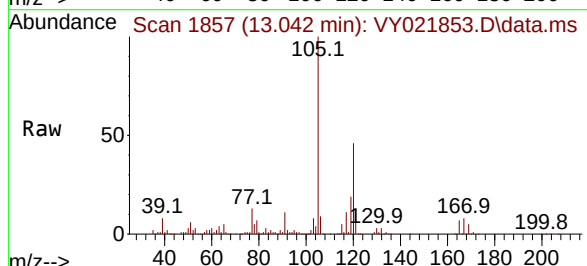
Acq: 11 Apr 2025 12:28

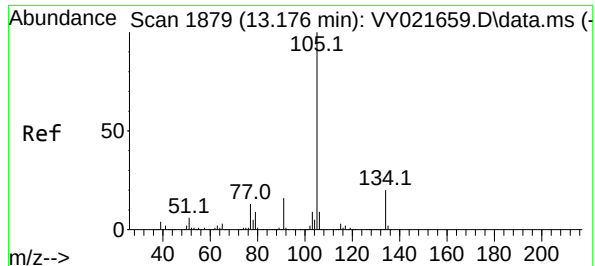
Tgt Ion:105 Resp: 228682

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.814 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion:105 Resp: 294858

Ion Ratio Lower Upper

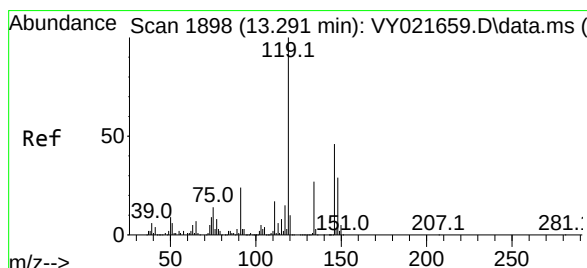
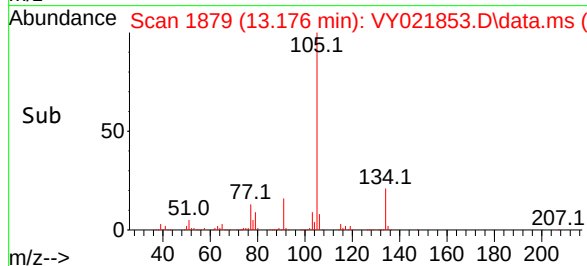
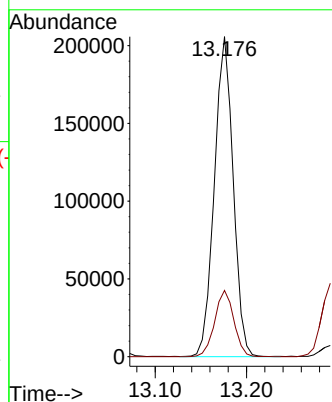
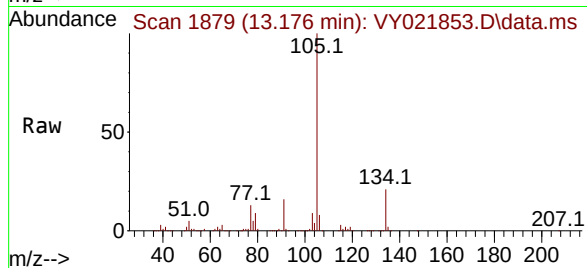
105 100

134 21.1 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
 Supervised By :Semsettin Yesilyurt 04/14/2025



#86

p-Isopropyltoluene

Concen: 20.311 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

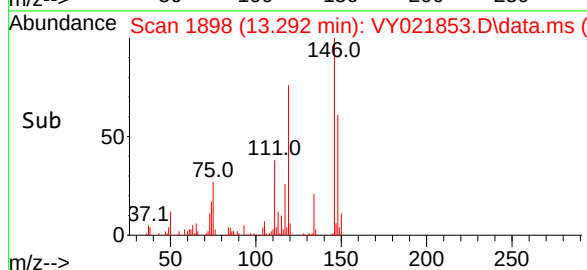
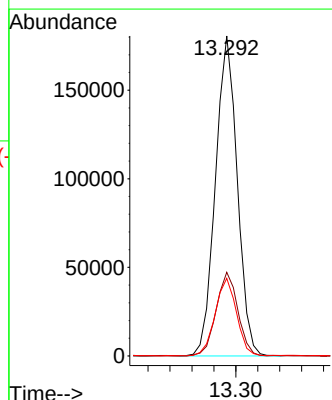
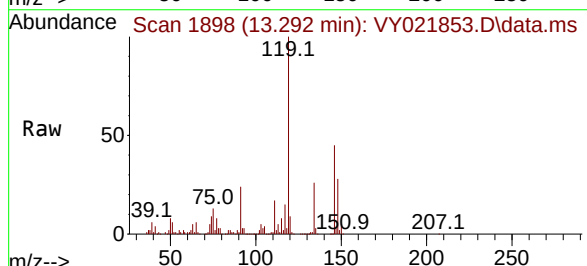
Tgt Ion:119 Resp: 249819

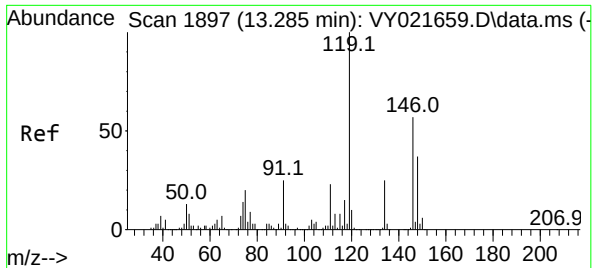
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 23.6 12.0 36.0





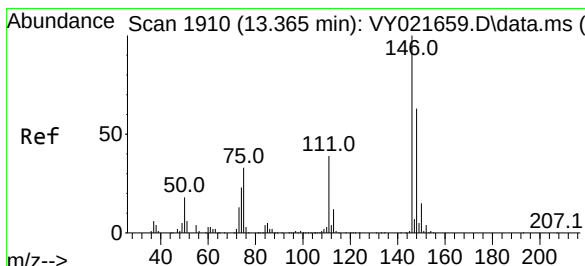
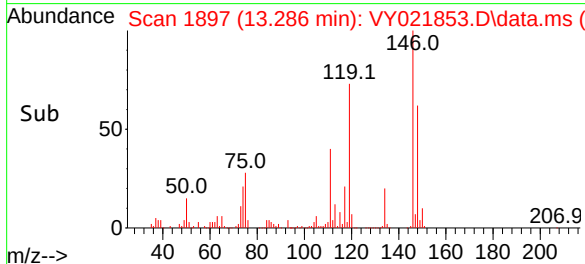
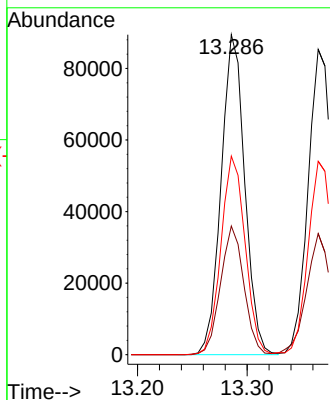
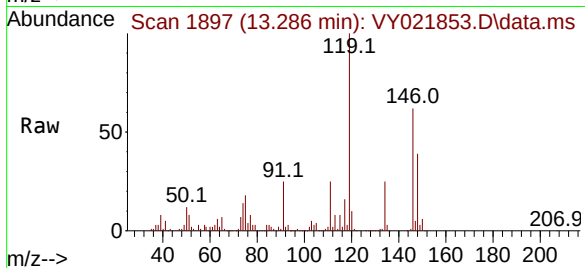
#87
1,3-Dichlorobenzene
Concen: 20.267 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Tgt Ion:146 Resp: 134109
Ion Ratio Lower Upper
146 100
111 39.7 20.0 60.0
148 63.3 31.8 95.4

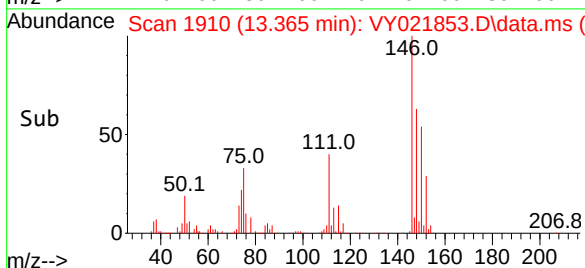
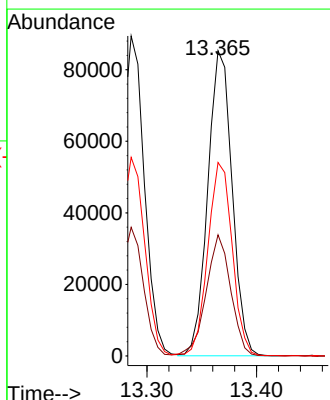
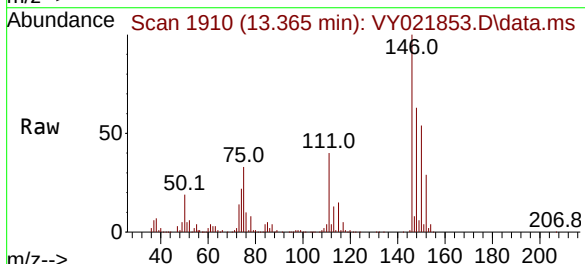
Manual Integrations
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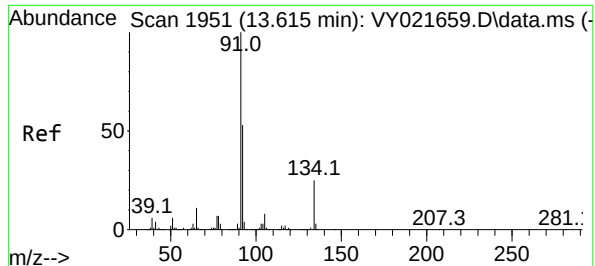
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#88
1,4-Dichlorobenzene
Concen: 20.163 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion:146 Resp: 131817
Ion Ratio Lower Upper
146 100
111 40.2 19.1 57.1
148 63.6 31.5 94.5





#89

n-Butylbenzene

Concen: 19.757 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion: 91 Resp: 224734

Ion Ratio Lower Upper

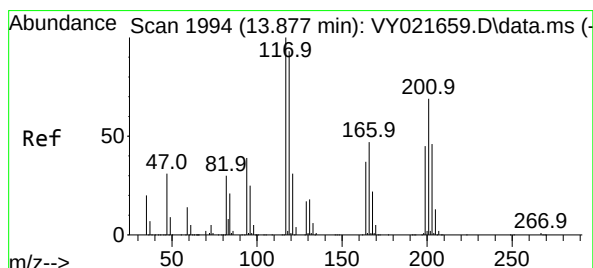
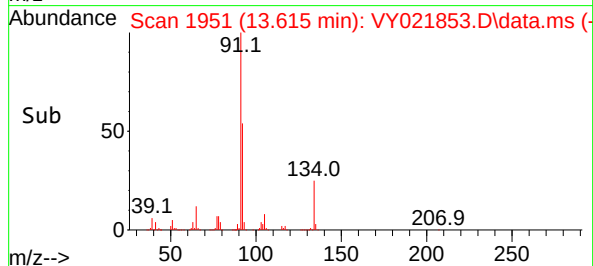
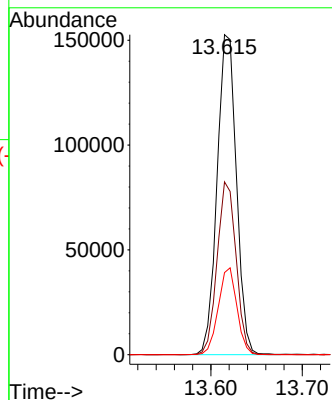
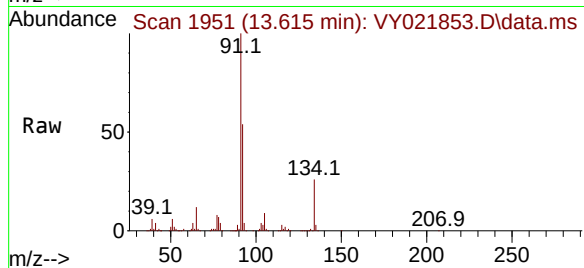
91 100

92 53.0 26.4 79.2

134 26.2 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#90

Hexachloroethane

Concen: 19.500 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021853.D

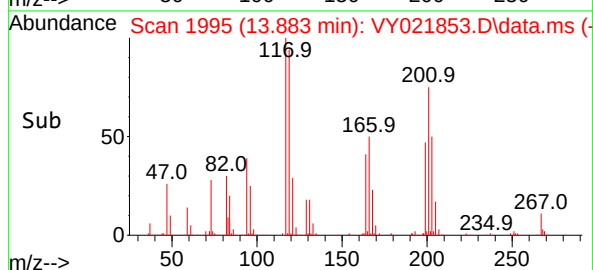
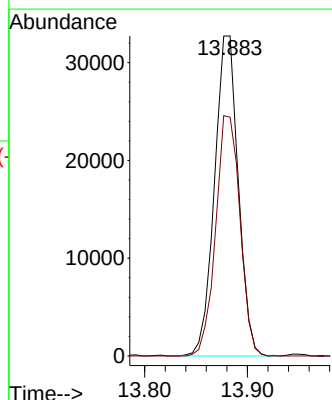
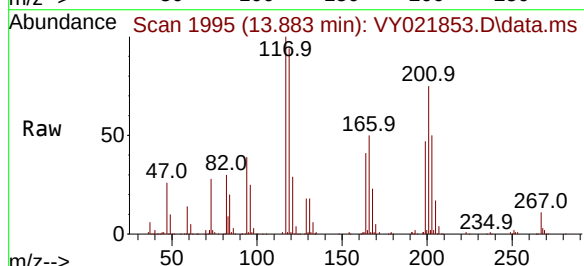
Acq: 11 Apr 2025 12:28

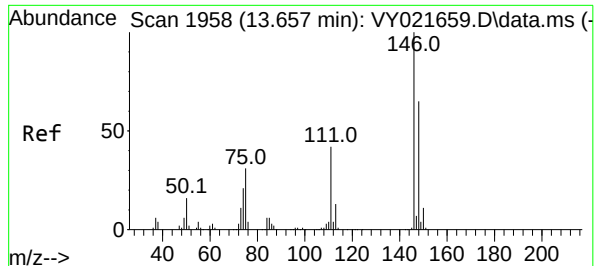
Tgt Ion:117 Resp: 52557

Ion Ratio Lower Upper

117 100

201 76.7 37.4 112.1





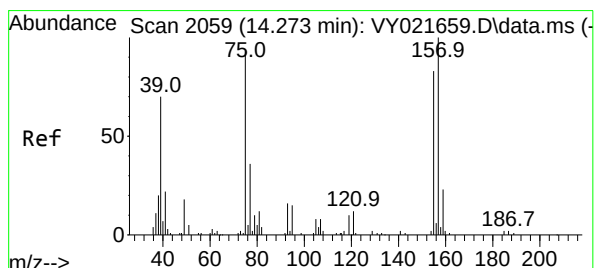
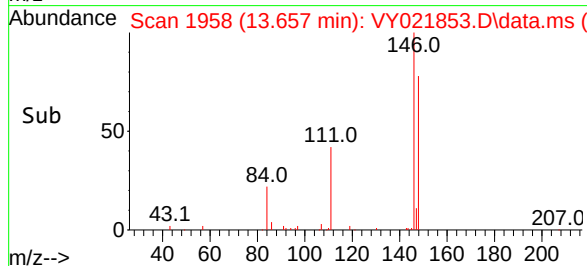
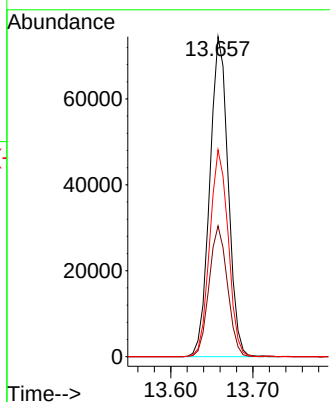
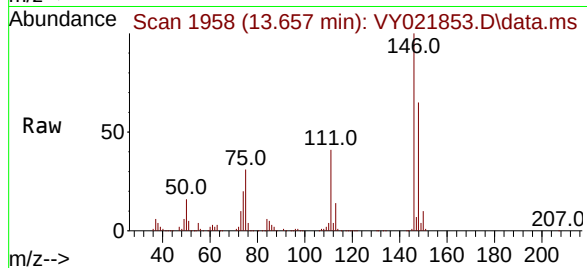
#91
1,2-Dichlorobenzene
Concen: 20.089 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

Tgt Ion:146 Resp: 11571
Ion Ratio Lower Upper
146 100
111 40.8 20.7 62.1
148 64.8 32.3 96.9

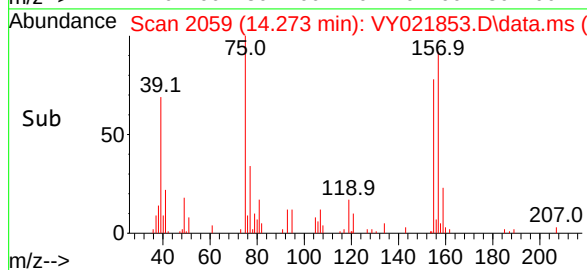
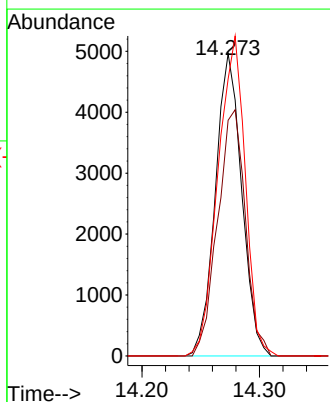
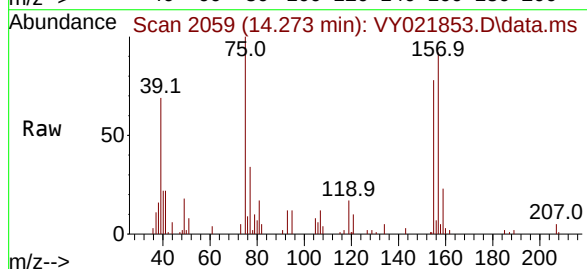
Manual Integrations
APPROVED

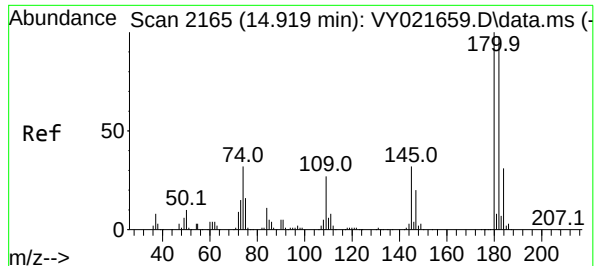
Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.869 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 75 Resp: 7745
Ion Ratio Lower Upper
75 100
155 85.7 43.0 128.8
157 109.1 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.890 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

Tgt Ion:180 Resp: 68380

Ion Ratio Lower Upper

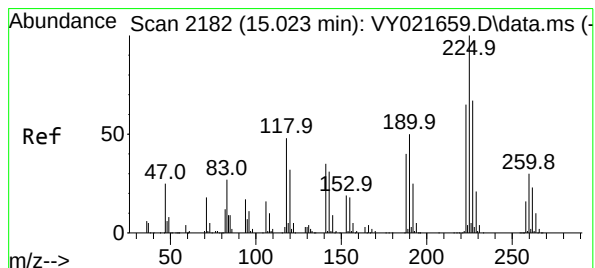
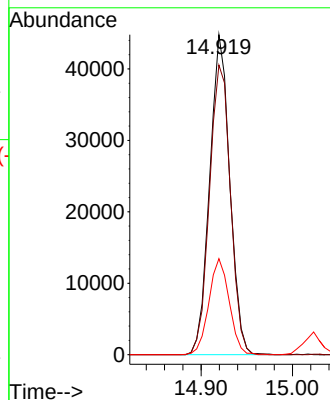
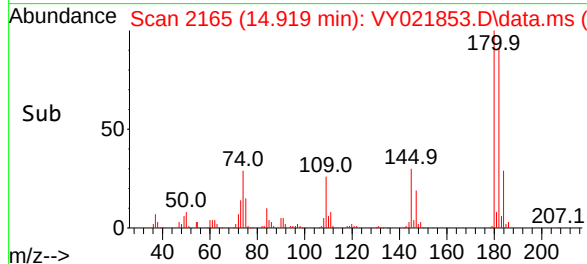
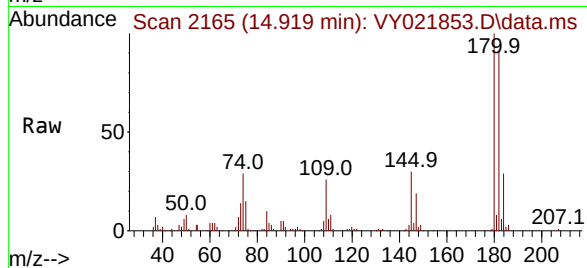
180 100

182 94.5 47.5 142.6

145 30.4 14.9 44.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025

#94

Hexachlorobutadiene

Concen: 22.081 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

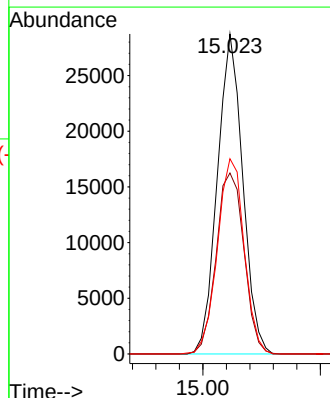
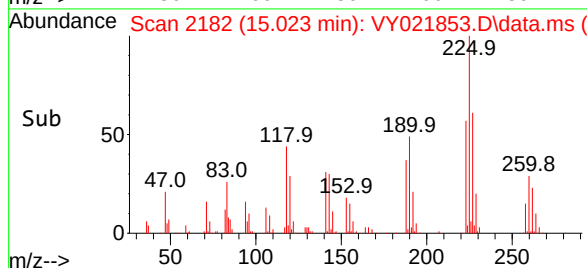
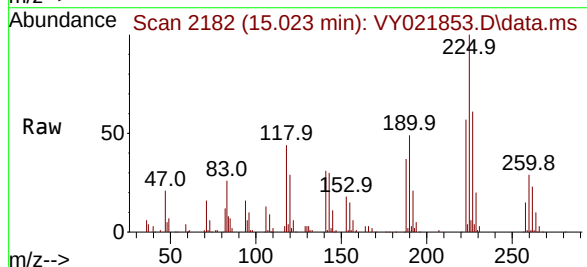
Tgt Ion:225 Resp: 43077

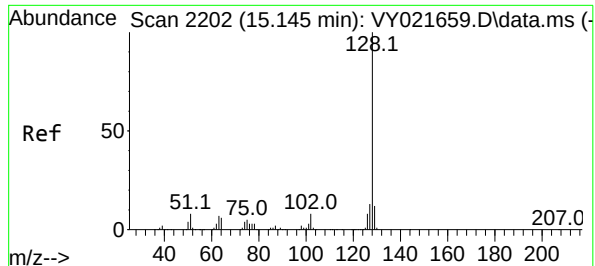
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.7

227 64.3 32.4 97.0





#95

Naphthalene

Concen: 21.627 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

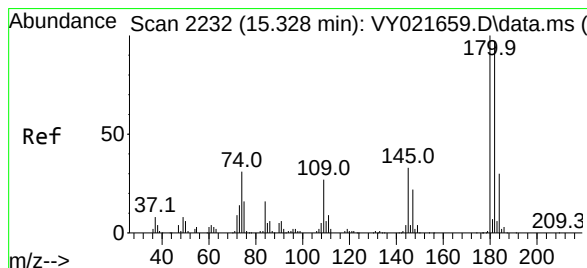
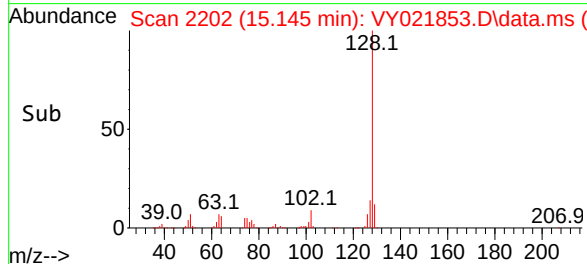
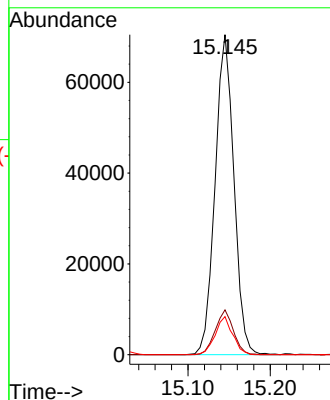
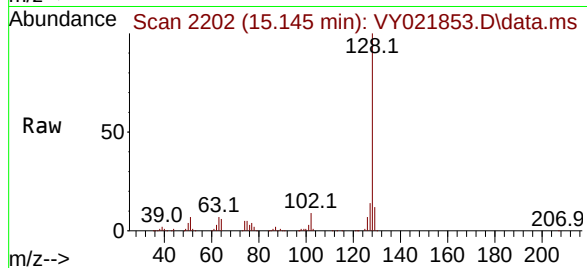
VY0411SBSD01

Tgt Ion:	128	Resp:	11197
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.8	16.2
129	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/14/2025
Supervised By :Semsettin Yesilyurt 04/14/2025



#96

1,2,3-Trichlorobenzene

Concen: 22.460 ug/l

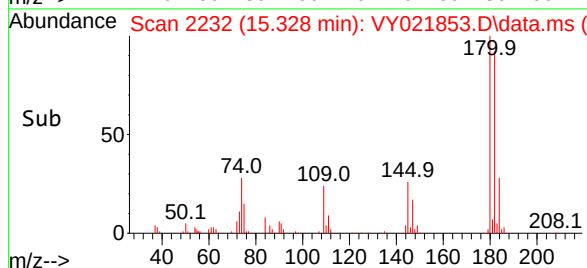
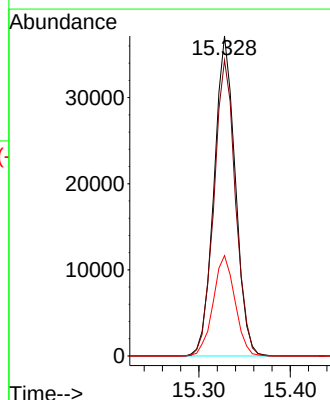
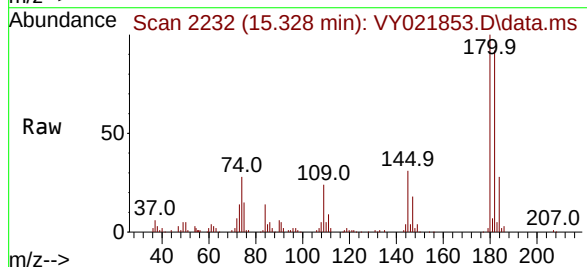
RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Tgt Ion:	180	Resp:	59827
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.5	142.5
145	32.2	15.9	47.7



Manual Integration Report

Sequence:

vy032725

Instrument

MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY021656.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:28 AM	MMDadoda	3/28/2025 9:32:34 AM	Peak Integrated by Software
VSTDICC005	VY021656.D	Methacrylonitrile	Romaben	3/28/2025 9:14:28 AM	MMDadoda	3/28/2025 9:32:34 AM	Peak Integrated by Software
VSTDICC010	VY021657.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:32 AM	MMDadoda	3/28/2025 9:32:37 AM	Peak Integrated by Software
VSTDICC010	VY021657.D	Methacrylonitrile	Romaben	3/28/2025 9:14:32 AM	MMDadoda	3/28/2025 9:32:37 AM	Peak Integrated by Software
VSTDICC020	VY021658.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:15:20 AM	MMDadoda	3/28/2025 9:32:41 AM	Peak Integrated by Software
VSTDICCC050	VY021659.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:38 AM	MMDadoda	3/28/2025 9:32:45 AM	Peak Integrated by Software
VSTDICCC050	VY021659.D	Methacrylonitrile	Romaben	3/28/2025 9:14:38 AM	MMDadoda	3/28/2025 9:32:45 AM	Peak Integrated by Software
VSTDICC100	VY021660.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:15:15 AM	MMDadoda	3/28/2025 9:32:49 AM	Peak Integrated by Software
VSTDICC150	VY021661.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:43 AM	MMDadoda	3/28/2025 9:32:53 AM	Peak Integrated by Software
VSTDICV050	VY021663.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:15:11 AM	MMDadoda	3/28/2025 9:32:04 AM	Peak Integrated by Software
VSTDCCC050	VY021680.D	1,2,3-Trichloropropane	Romaben	3/28/2025 9:14:58 AM	MMDadoda	3/28/2025 9:32:15 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

VY041125

Instrument

MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY021850.D	1,2,3-Trichloropropane	MMDadoda	4/14/2025 3:42:39 PM	SAM	4/14/2025 3:45:07 PM	Peak Integrated by Software
VY0411SBS01	VY021852.D	1,2,3-Trichloropropane	MMDadoda	4/14/2025 3:42:40 PM	SAM	4/14/2025 3:45:07 PM	Peak Integrated by Software
VY0411SBS01	VY021852.D	Methacrylonitrile	MMDadoda	4/14/2025 3:42:40 PM	SAM	4/14/2025 3:45:07 PM	Peak Integrated by Software
VY0411SBSD01	VY021853.D	1,2,3-Trichloropropane	MMDadoda	4/14/2025 3:42:42 PM	SAM	4/14/2025 3:45:08 PM	Peak Integrated by Software
VSTDCCC050	VY021863.D	1,2,3-Trichloropropane	MMDadoda	4/14/2025 3:42:44 PM	SAM	4/14/2025 3:45:09 PM	Peak Integrated by Software

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY032725

Review By	Maresh Dadoda	Review On	3/28/2025 3:29:57 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/28/2025 3:30:48 PM		
SubDirectory	VY032725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m
STD. NAME	STD REF.#				
Tune/Reschk	VP133499				
Initial Calibration Stds	VP133500,VP133501,VP133502,VP133503,VP133505,VP133508				
CCC	VP133510				
Internal Standard/PEM	VP131783				
ICV/I.BLK	VP133509				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021655.D	27 Mar 2025 09:23	SY/MD	Ok
2	VSTDIC005	VY021656.D	27 Mar 2025 10:08	SY/MD	Ok,M
3	VSTDIC010	VY021657.D	27 Mar 2025 10:31	SY/MD	Ok,M
4	VSTDIC020	VY021658.D	27 Mar 2025 10:54	SY/MD	Ok,M
5	VSTDIC050	VY021659.D	27 Mar 2025 11:16	SY/MD	Ok,M
6	VSTDIC100	VY021660.D	27 Mar 2025 11:39	SY/MD	Ok,M
7	VSTDIC150	VY021661.D	27 Mar 2025 12:02	SY/MD	Ok,M
8	VIBLK	VY021662.D	27 Mar 2025 12:35	SY/MD	Ok
9	VSTDICV050	VY021663.D	27 Mar 2025 13:15	SY/MD	Ok,M
10	VY0327SBL01	VY021664.D	27 Mar 2025 13:59	SY/MD	Ok
11	VY0327SBS01	VY021665.D	27 Mar 2025 14:38	SY/MD	Ok,M
12	VY0327SBS01	VY021666.D	27 Mar 2025 15:00	SY/MD	Ok,M
13	Q1661-02	VY021667.D	27 Mar 2025 15:24	SY/MD	Not Ok
14	Q1645-03RE	VY021668.D	27 Mar 2025 15:48	SY/MD	Confirms
15	Q1662-03	VY021669.D	27 Mar 2025 16:11	SY/MD	Not Ok
16	Q1662-07	VY021670.D	27 Mar 2025 16:35	SY/MD	ReRun
17	Q1661-02	VY021671.D	27 Mar 2025 16:58	SY/MD	Not Ok
18	Q1650-02	VY021672.D	27 Mar 2025 17:21	SY/MD	Not Ok
19	Q1654-01	VY021673.D	27 Mar 2025 17:45	SY/MD	Ok
20	Q1656-01	VY021674.D	27 Mar 2025 18:08	SY/MD	Not Ok
21	Q1648-09	VY021675.D	27 Mar 2025 18:32	SY/MD	Ok

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY032725

Review By	Maresh Dadoda	Review On	3/28/2025 3:29:57 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/28/2025 3:30:48 PM		
SubDirectory	VY032725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m
STD. NAME	STD REF.#				
Tune/Reschk	VP133499				
Initial Calibration Stds	VP133500,VP133501,VP133502,VP133503,VP133505,VP133508				
CCC	VP133510				
Internal Standard/PEM	VP131783				
ICV/I.BLK	VP133509				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q1648-07	VY021676.D	27 Mar 2025 18:55	SY/MD	Ok
23	Q1648-05	VY021677.D	27 Mar 2025 19:19	SY/MD	Ok
24	Q1648-01	VY021678.D	27 Mar 2025 19:42	SY/MD	Ok
25	Q1648-03	VY021679.D	27 Mar 2025 20:05	SY/MD	Ok
26	VSTDCCC050	VY021680.D	27 Mar 2025 20:28	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY041125

Review By	Mahesh Dadoda	Review On	4/14/2025 3:42:48 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	4/14/2025 3:45:15 PM		
SubDirectory	VY041125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP133637			
CCC		VP133638,VP133639			
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	VY021849.D	11 Apr 2025 08:46	SY/MD	Ok
2	VSTDCCC050	VY021850.D	11 Apr 2025 09:18	SY/MD	Ok,M
3	VY0411SBL01	VY021851.D	11 Apr 2025 11:35	SY/MD	Ok
4	VY0411SBS01	VY021852.D	11 Apr 2025 12:06	SY/MD	Ok,M
5	VY0411SBSD01	VY021853.D	11 Apr 2025 12:28	SY/MD	Ok,M
6	Q1756-03	VY021854.D	11 Apr 2025 13:10	SY/MD	ReRun
7	Q1761-01	VY021855.D	11 Apr 2025 13:33	SY/MD	Ok
8	Q1781-03	VY021856.D	11 Apr 2025 13:57	SY/MD	Ok
9	Q1781-07	VY021857.D	11 Apr 2025 14:20	SY/MD	Ok
10	Q1781-11	VY021858.D	11 Apr 2025 14:44	SY/MD	Ok
11	Q1768-01	VY021859.D	11 Apr 2025 15:07	SY/MD	ReRun
12	Q1779-07	VY021860.D	11 Apr 2025 15:31	SY/MD	Ok
13	Q1783-01	VY021861.D	11 Apr 2025 15:54	SY/MD	ReRun
14	Q1784-01	VY021862.D	11 Apr 2025 16:18	SY/MD	ReRun
15	VSTDCCC050	VY021863.D	11 Apr 2025 16:40	SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY032725

Review By	Mahesh Dadoda	Review On	3/28/2025 3:29:57 PM
Supervise By	Semsettin Yesilyurt	Supervise On	3/28/2025 3:30:48 PM
SubDirectory	VY032725	HP Acquire Method	MSVOA_Y
		HP Processing Method	82y032725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133499
Initial Calibration Stds	VP133500,VP133501,VP133502,VP133503,VP133505,VP133508
CCC	VP133510
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133509
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021655.D	27 Mar 2025 09:23		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY021656.D	27 Mar 2025 10:08		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY021657.D	27 Mar 2025 10:31		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY021658.D	27 Mar 2025 10:54	Comp.#20 is on Linear Regression	SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY021659.D	27 Mar 2025 11:16		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY021660.D	27 Mar 2025 11:39		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY021661.D	27 Mar 2025 12:02		SY/MD	Ok,M
8	VIBLK	VIBLK	VY021662.D	27 Mar 2025 12:35		SY/MD	Ok
9	VSTDICV050	ICVVY032725	VY021663.D	27 Mar 2025 13:15		SY/MD	Ok,M
10	VY0327SBL01	VY0327SBL01	VY021664.D	27 Mar 2025 13:59		SY/MD	Ok
11	VY0327SBS01	VY0327SBS01	VY021665.D	27 Mar 2025 14:38		SY/MD	Ok,M
12	VY0327SBSD01	VY0327SBSD01	VY021666.D	27 Mar 2025 15:00		SY/MD	Ok,M
13	Q1661-02	351	VY021667.D	27 Mar 2025 15:24	vial-B Not purge	SY/MD	Not Ok
14	Q1645-03RE	TP-4-VOCRE	VY021668.D	27 Mar 2025 15:48	vial-B Internal Standard Fail	SY/MD	Confirms
15	Q1662-03	TP-6-VOC	VY021669.D	27 Mar 2025 16:11	vial-A NOT PURGE	SY/MD	Not Ok
16	Q1662-07	TP-7-VOC	VY021670.D	27 Mar 2025 16:35	vial-A Internal Standard Fail	SY/MD	ReRun
17	Q1661-02	351	VY021671.D	27 Mar 2025 16:58	vial-A NOT PURGE	SY/MD	Not Ok

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY032725

Review By	Mahesh Dadoda	Review On	3/28/2025 3:29:57 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/28/2025 3:30:48 PM		
SubDirectory	VY032725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP133499			
Initial Calibration Stds		VP133500,VP133501,VP133502,VP133503,VP133505,VP133508			
CCC		VP133510			
Internal Standard/PEM		VP131783			
ICV/I.BLK		VP133509			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q1650-02	STOCK-PILE-BIN2	VY021672.D	27 Mar 2025 17:21	vial-A NOT PURGE	SY/MD	Not Ok
19	Q1654-01	RT3407	VY021673.D	27 Mar 2025 17:45	vial-A Internal Standard Fail	SY/MD	Ok
20	Q1656-01	VNJ239	VY021674.D	27 Mar 2025 18:08	vial-A NOT PURGE	SY/MD	Not Ok
21	Q1648-09	TP-7	VY021675.D	27 Mar 2025 18:32	vial-A	SY/MD	Ok
22	Q1648-07	TP-6	VY021676.D	27 Mar 2025 18:55	vial-A	SY/MD	Ok
23	Q1648-05	TP-3	VY021677.D	27 Mar 2025 19:19	vial-A	SY/MD	Ok
24	Q1648-01	TP-4	VY021678.D	27 Mar 2025 19:42	vial-A	SY/MD	Ok
25	Q1648-03	TP-5	VY021679.D	27 Mar 2025 20:05	vial-A	SY/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VY021680.D	27 Mar 2025 20:28		SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY041125

Review By	Mahesh Dadoda	Review On	4/14/2025 3:42:48 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	4/14/2025 3:45:15 PM		
SubDirectory	VY041125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y032725s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP133637			
CCC		VP133638,VP133639			
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	VY021849.D	11 Apr 2025 08:46		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY021850.D	11 Apr 2025 09:18		SY/MD	Ok,M
3	VY0411SBL01	VY0411SBL01	VY021851.D	11 Apr 2025 11:35		SY/MD	Ok
4	VY0411SBS01	VY0411SBS01	VY021852.D	11 Apr 2025 12:06		SY/MD	Ok,M
5	VY0411SBSD01	VY0411SBSD01	VY021853.D	11 Apr 2025 12:28		SY/MD	Ok,M
6	Q1756-03	TP-9-VOC	VY021854.D	11 Apr 2025 13:10	vial-A Internal Standard Fail ;Surrogate fail	SY/MD	ReRun
7	Q1761-01	GST3	VY021855.D	11 Apr 2025 13:33	vial-A	SY/MD	Ok
8	Q1781-03	WC-13-VOC	VY021856.D	11 Apr 2025 13:57	vial-A	SY/MD	Ok
9	Q1781-07	WC-12-VOC	VY021857.D	11 Apr 2025 14:20	vial-A	SY/MD	Ok
10	Q1781-11	WC-11-VOC	VY021858.D	11 Apr 2025 14:44	vial-A	SY/MD	Ok
11	Q1768-01	CRUSHED STONE	VY021859.D	11 Apr 2025 15:07	vial-A Internal Standard Fail ;Surrogate fail	SY/MD	ReRun
12	Q1779-07	TP-23-VOC	VY021860.D	11 Apr 2025 15:31	vial-A	SY/MD	Ok
13	Q1783-01	SU-03-41125	VY021861.D	11 Apr 2025 15:54	vial-A Internal Standard Fail	SY/MD	ReRun
14	Q1784-01	OR-01-41125	VY021862.D	11 Apr 2025 16:18	vial-A Internal Standard Fail	SY/MD	ReRun
15	VSTDCCC050	VSTDCCC050EC	VY021863.D	11 Apr 2025 16:40		SY/MD	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/10/2025

OVENTEMP IN Celsius(°C): 106
Time IN: 17:00
In Date: 04/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 04/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135355

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
Q1756-01	TP-9	1	1.14	10.53	11.67	10.27	86.7	
Q1756-02	TP-9-EPH	2	1.18	10.19	11.37	10.19	88.4	
Q1756-03	TP-9-VOC	3	1.16	10.00	11.16	10.00	88.4	
Q1760-01	TP-17	4	1.15	10.40	11.55	10.22	87.2	
Q1760-02	TP-17-EPH	5	1.15	10.14	11.29	10.05	87.8	
Q1760-03	TP-17-VOC	6	1.18	10.26	11.44	10.13	87.2	
Q1760-05	TP-15	7	1.17	10.37	11.54	10.39	88.9	
Q1760-06	TP-15-EPH	8	1.19	10.67	11.86	10.63	88.5	
Q1760-07	TP-15-VOC	9	1.18	10.34	11.52	10.36	88.8	
Q1761-01	GST-3	10	1.19	11.28	12.47	10.06	78.6	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

135355

WorkList Name : %1-040925

WorkList ID : 188815

Department : Wet-Chemistry

Date : 04-09-2025 08:01:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1756-01	TP-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/09/2025	Chemtech -SO
Q1756-02	TP-9-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/09/2025	Chemtech -SO
Q1756-03	TP-9-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/09/2025	Chemtech -SO
Q1760-01	TP-17	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/09/2025	Chemtech -SO
Q1760-02	TP-17-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/09/2025	Chemtech -SO
Q1760-03	TP-17-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/09/2025	Chemtech -SO
Q1760-05	TP-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/09/2025	Chemtech -SO
Q1760-06	TP-15-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/09/2025	Chemtech -SO
Q1760-07	TP-15-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/09/2025	Chemtech -SO
Q1761-01	GST-3	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/08/2025	Chemtech -SO

Date/Time 04/09/25 15:40

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 04/09/25 17:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Geop Inc
ADDRESS: 8 CARRIAGE
CITY: JACCASUMME STATE: NJ ZIP: _____
ATTENTION: _____
PHONE: _____ FAX: _____

CLIENT PROJECT INFORMATION

PROJECT NAME: Stokton
PROJECT NO.: _____ LOCATION: _____
PROJECT MANAGER: GL
e-mail: _____
PHONE: _____ FAX: _____

CLIENT BILLING INFORMATION

BILL TO: Geop Inc PO#: _____
ADDRESS: 8 CARRIAGE
CITY: JACCASUMME STATE: NJ ZIP: _____
ATTENTION: _____ PHONE: _____

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) Stokton DAYS*
HARDCOPY (DATA PACKAGE) Stokton DAYS*
EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☒ EDD FORMAT NYS SEP 10

PAH
VOC + IS + THW
1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	<u>GST3</u>	<u>Soil</u>	<u>X</u>		<u>4/8/25</u>	<u>12:54</u>		<u>X</u>	<u>X</u>								
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: <u>HR</u>	DATE/TIME: <u>13:45</u>	RECEIVED BY: <u>OR</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.1</u> °C
1. <u>HR</u>	<u>4/9/25</u>	1. <u>OR</u>	Comments: <u>22 Gm + 1</u>
RELINQUISHED BY SAMPLER: _____	DATE/TIME: _____	RECEIVED BY: _____	
2. _____		2. _____	
RELINQUISHED BY SAMPLER: _____	DATE/TIME: _____	RECEIVED BY: _____	
3. _____		3. _____	

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CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

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 : Q1761	GENV01	Order Date : 4/9/2025 2:47:00 PM	Project Mgr :
Client Name : G Environmental		Project Name : Stockton	Report Type : Level 1
Client Contact : Gary Landis		Receive DateTime : 4/9/2025 1:45:00 PM	EDD Type : Excel NJ
Invoice Name : G Environmental		Purchase Order :	Hard Copy Date :
Invoice Contact : Gary Landis			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1761-01	GST-3	Solid	04/08/2025	12:15	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : AL
Date / Time : 4.9.25 1525

Received By : [Signature]
Date / Time : 4/9/25 1525

Storage Area : VOA Refridgerator Room