

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044599.D
 Acq On : 07 Jan 2025 11:14
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 02:30:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 02:18:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	173796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	298796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	260263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142022	50.681	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.360%
35) Dibromofluoromethane	5.379	113	100169	48.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.780%
50) Toluene-d8	8.647	98	345428	49.357	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	11.079	95	123925	50.167	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	135433	53.857	ug/l	100
3) Chloromethane	1.294	50	127949	51.059	ug/l	100
4) Vinyl Chloride	1.374	62	123312	52.455	ug/l	100
5) Bromomethane	1.599	94	64161	52.690	ug/l	100
6) Chloroethane	1.666	64	56267	45.086	ug/l	100
7) Trichlorofluoromethane	1.874	101	188382	53.818	ug/l	100
8) Diethyl Ether	2.130	74	60770	49.134	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	102129	50.888	ug/l	100
10) Methyl Iodide	2.447	142	141008	50.386	ug/l	100
11) Tert butyl alcohol	3.008	59	87895	254.724	ug/l	100
12) 1,1-Dichloroethene	2.313	96	97703	50.252	ug/l	100
13) Acrolein	2.233	56	115577	253.331	ug/l	100
14) Allyl chloride	2.660	41	175824	54.375	ug/l	100
15) Acrylonitrile	3.062	53	265554	267.216	ug/l	100
16) Acetone	2.380	43	238611	270.163	ug/l	100
17) Carbon Disulfide	2.508	76	212108	52.759	ug/l	100
18) Methyl Acetate	2.703	43	134854	51.731	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	356440	53.495	ug/l	100
20) Methylene Chloride	2.782	84	114236	50.698	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	100853	50.541	ug/l	100
22) Diisopropyl ether	3.757	45	361827	54.433	ug/l	100
23) Vinyl Acetate	3.715	43	1546132	287.640	ug/l	100
24) 1,1-Dichloroethane	3.605	63	205366	53.022	ug/l	100
25) 2-Butanone	4.556	43	355382	278.769	ug/l	100
26) 2,2-Dichloropropane	4.471	77	175192	52.316	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	127058	52.219	ug/l	100
28) Bromochloromethane	4.891	49	95194	52.799	ug/l	100
29) Tetrahydrofuran	5.001	42	230689	264.250	ug/l	100
30) Chloroform	5.086	83	217765	52.153	ug/l	100
31) Cyclohexane	5.458	56	165559	52.061	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	188854	53.743	ug/l	100
36) 1,1-Dichloropropene	5.690	75	139122	52.511	ug/l	100
37) Ethyl Acetate	4.709	43	146801	54.207	ug/l	100
38) Carbon Tetrachloride	5.672	117	154084	52.418	ug/l	100
39) Methylcyclohexane	7.373	83	173252	51.250	ug/l	100
40) Benzene	6.031	78	432755	51.878	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	81440	55.981	ug/l	100
42) 1,2-Dichloroethane	6.080	62	178915	54.843	ug/l	100
43) Isopropyl Acetate	6.336	43	244614	54.708	ug/l	100
44) Trichloroethene	7.117	130	104250	48.889	ug/l	100
45) 1,2-Dichloropropane	7.428	63	108161	53.181	ug/l	100
46) Dibromomethane	7.574	93	82588	52.214	ug/l	100
47) Bromodichloromethane	7.818	83	156703	54.442	ug/l	100
48) Methyl methacrylate	7.690	41	122740	57.554	ug/l	100
49) 1,4-Dioxane	7.665	88	34918	1114.222	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	733011	280.449	ug/l	100
52) Toluene	8.714	92	262398	52.133	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	155029	56.347	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	170387	55.104	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	103084	52.243	ug/l	100
56) Ethyl methacrylate	9.116	69	162744	56.713	ug/l	100
57) 1,3-Dichloropropane	9.305	76	178595	53.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	392900	276.185	ug/l	100
59) 2-Hexanone	9.433	43	535861	289.895	ug/l	100
60) Dibromochloromethane	9.519	129	109924	55.871	ug/l	100
61) 1,2-Dibromoethane	9.604	107	104426	52.401	ug/l	100
64) Tetrachloroethene	9.269	164	90002	48.910	ug/l	100
65) Chlorobenzene	10.079	112	283093	51.250	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	96419	52.556	ug/l	100
67) Ethyl Benzene	10.189	91	501840	52.906	ug/l	100
68) m/p-Xylenes	10.299	106	372279	106.805	ug/l	100
69) o-Xylene	10.640	106	181228	51.512	ug/l	100
70) Styrene	10.653	104	309043	54.919	ug/l	100
71) Bromoform	10.799	173	64456	50.124	ug/l #	100
73) Isopropylbenzene	10.957	105	470691	52.439	ug/l	100
74) N-amyl acetate	10.842	43	207077	56.857	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	152021	52.544	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	126349m	52.024	ug/l	
77) Bromobenzene	11.195	156	112135	51.427	ug/l	100
78) n-propylbenzene	11.299	91	545301	53.936	ug/l	100
79) 2-Chlorotoluene	11.360	91	337686	51.544	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	400300	53.787	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	43281	54.247	ug/l	100
82) 4-Chlorotoluene	11.451	91	387640	52.596	ug/l	100
83) tert-Butylbenzene	11.713	119	390758	52.730	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	401606	53.720	ug/l	100
85) sec-Butylbenzene	11.890	105	475025	52.634	ug/l	100
86) p-Isopropyltoluene	12.006	119	408205	53.905	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	204488	51.842	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	204130	49.670	ug/l	100
89) n-Butylbenzene	12.329	91	354854	55.495	ug/l	100
90) Hexachloroethane	12.536	117	62782	51.608	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	205860	51.646	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30135	54.942	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	120511	51.442	ug/l	100
94) Hexachlorobutadiene	13.725	225	49357	50.597	ug/l	100
95) Naphthalene	13.774	128	412247	54.539	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	123494	51.567	ug/l	100

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

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

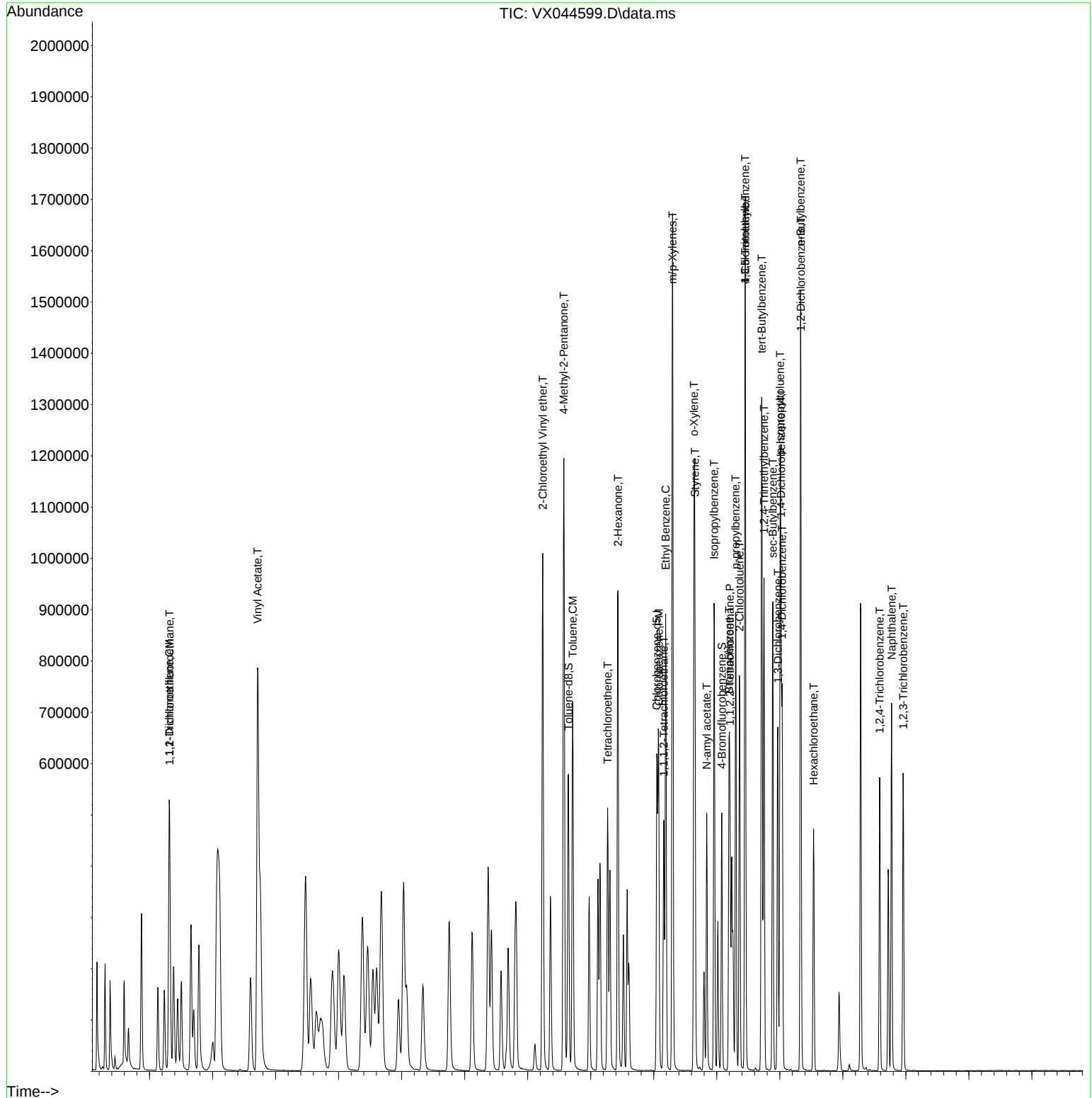
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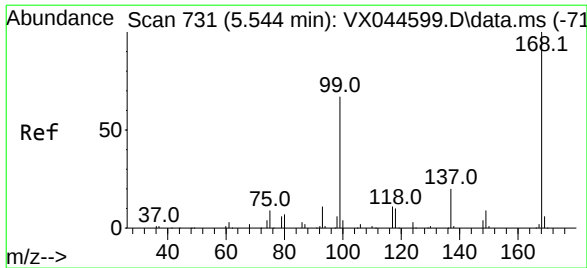
Instrument :
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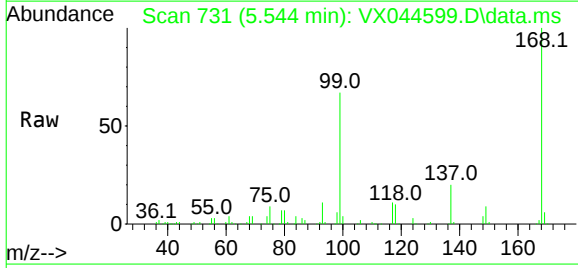
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
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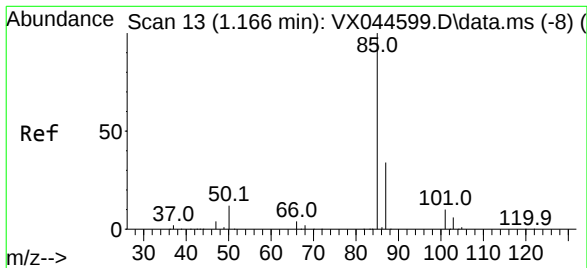
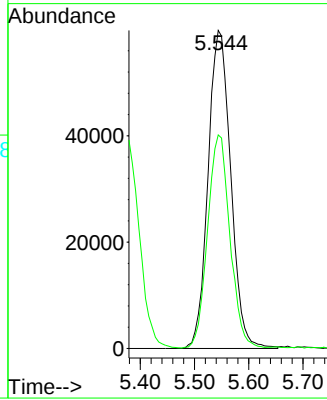
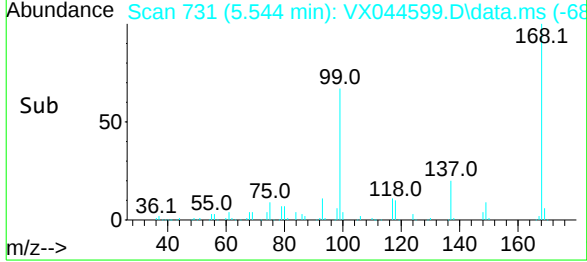
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MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 173796
Ion Ratio Lower Upper
168 100
99 66.9 53.5 80.3

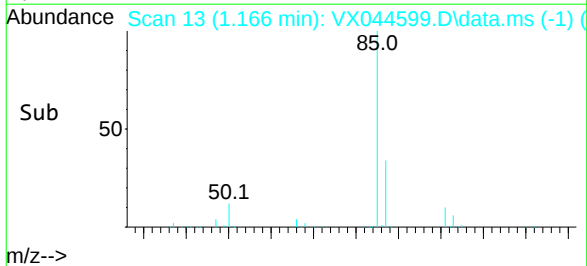
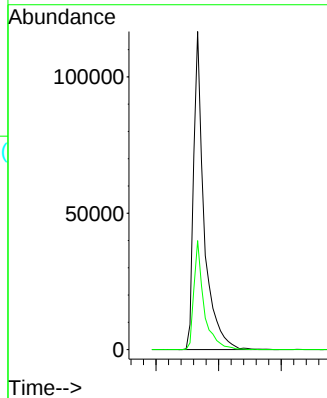
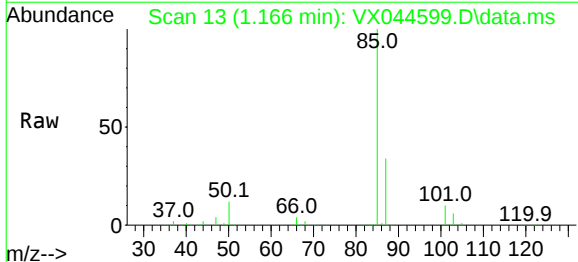
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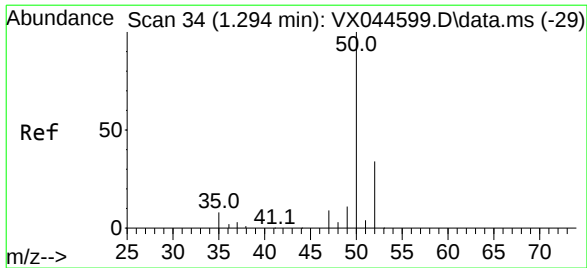
Reviewed By :John Carlone 01/08/2025
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#2
Dichlorodifluoromethane
Concen: 53.857 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 85 Resp: 135433
Ion Ratio Lower Upper
85 100
87 34.3 17.2 51.5





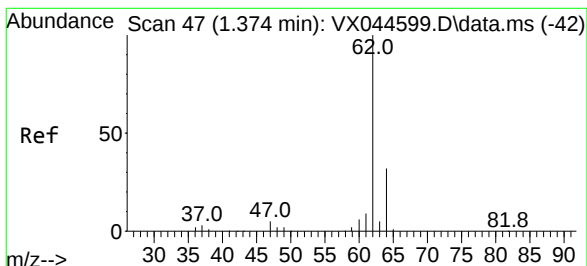
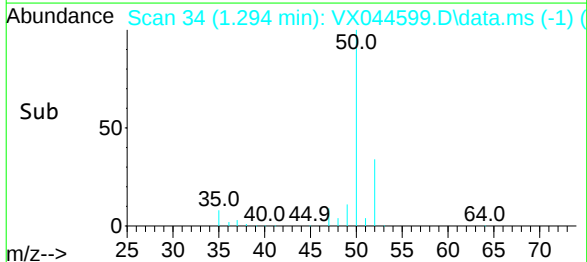
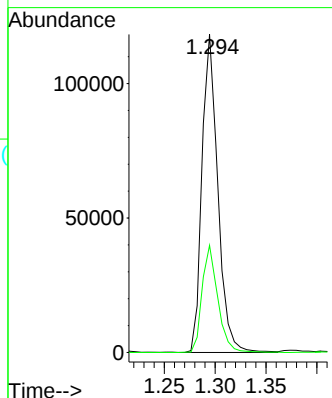
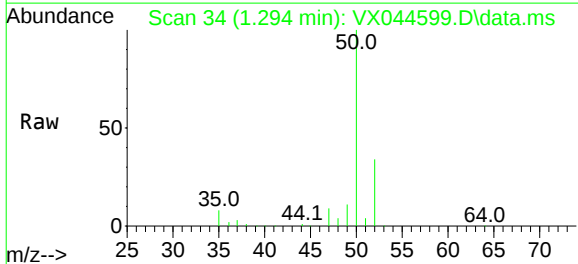
#3
Chloromethane
Concen: 51.059 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 127949
Ion Ratio Lower Upper
50 100
52 33.7 27.0 40.4

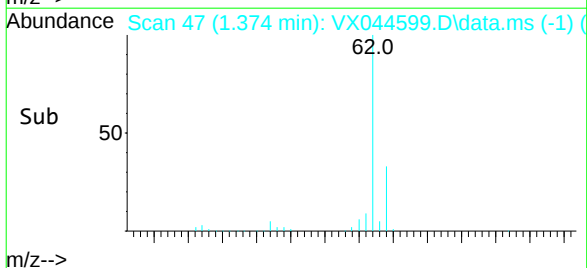
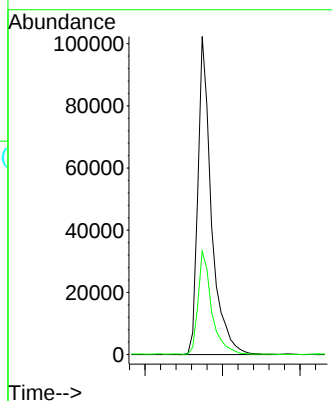
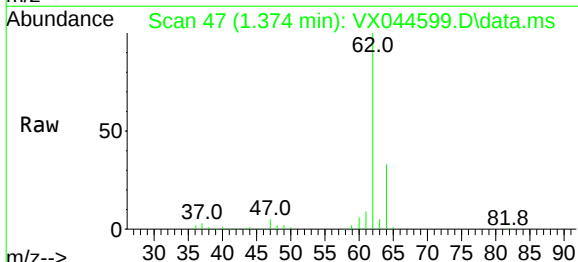
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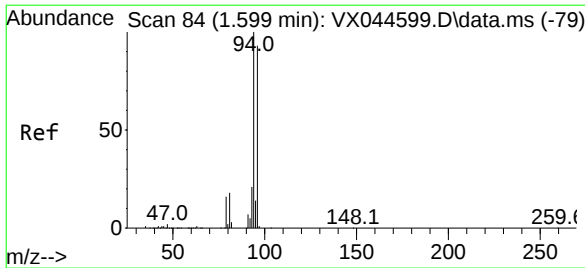
Reviewed By :John Carlone 01/08/2025
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#4
Vinyl Chloride
Concen: 52.455 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 62 Resp: 123312
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0





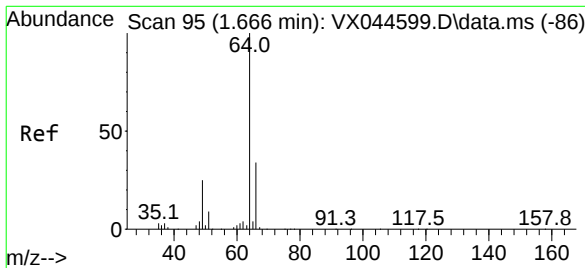
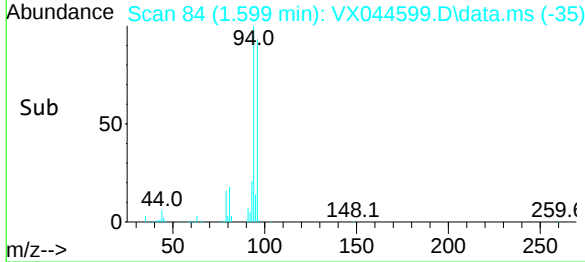
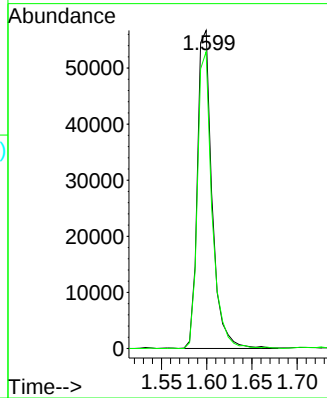
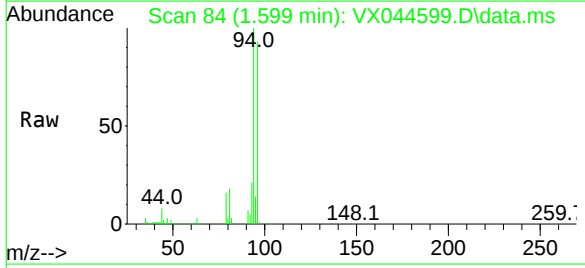
#5
Bromomethane
Concen: 52.690 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX044599.D
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Instrument :
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Tgt Ion: 94 Resp: 64161
Ion Ratio Lower Upper
94 100
96 93.3 74.6 112.0

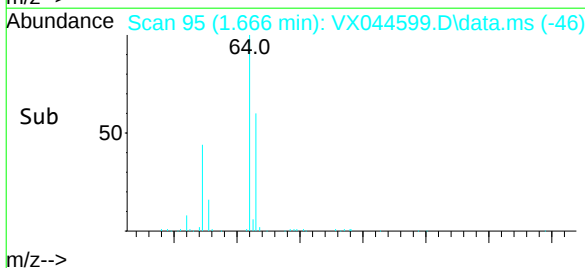
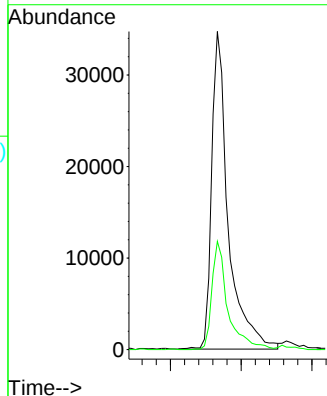
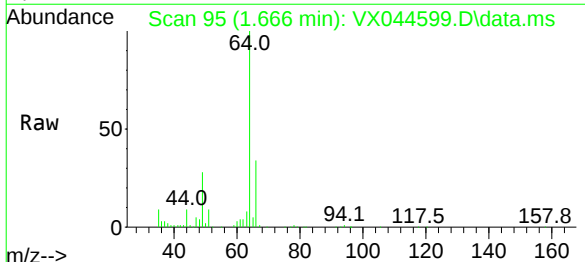
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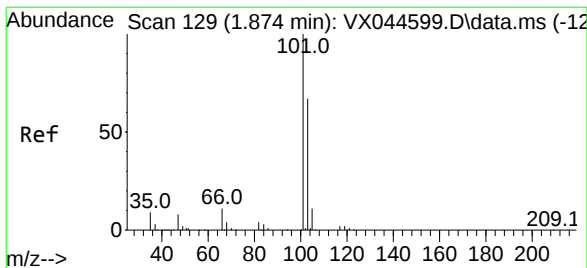
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#6
Chloroethane
Concen: 45.086 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044599.D
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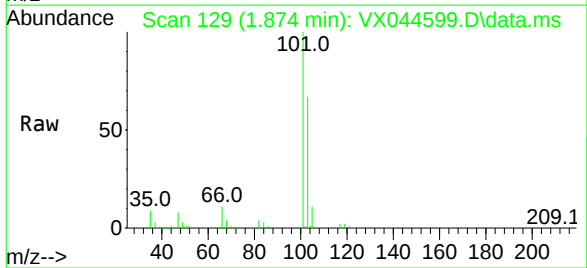
Tgt Ion: 64 Resp: 56267
Ion Ratio Lower Upper
64 100
66 34.1 27.3 40.9





#7
 Trichlorofluoromethane
 Concen: 53.818 ug/l
 RT: 1.874 min Scan# 129
 Delta R.T. 0.000 min
 Lab File: VX044599.D
 Acq: 07 Jan 2025 11:14

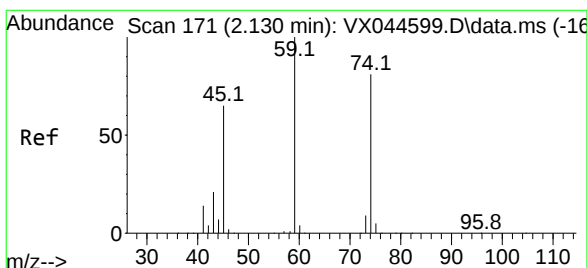
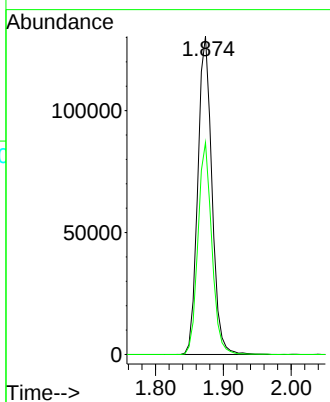
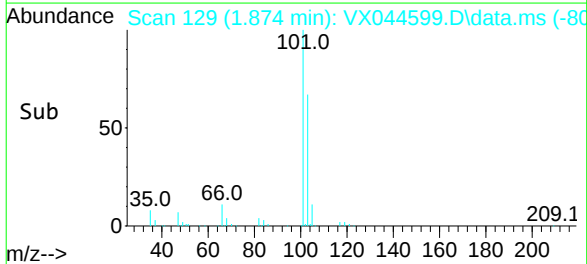
Instrument :
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Tgt Ion:101 Resp: 188382
 Ion Ratio Lower Upper
 101 100
 103 66.6 53.3 79.9

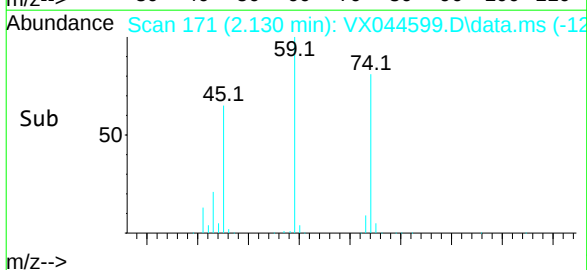
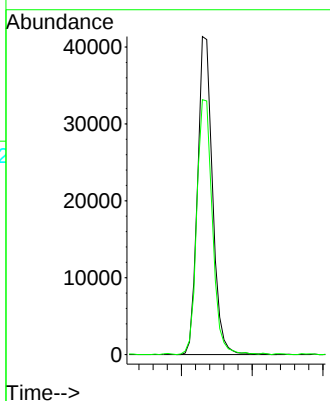
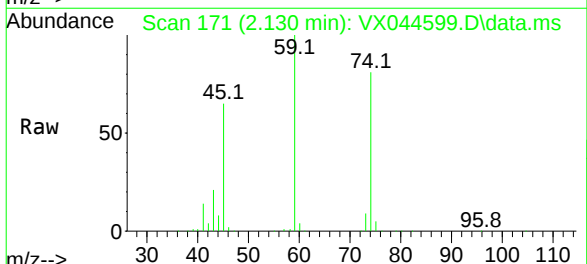
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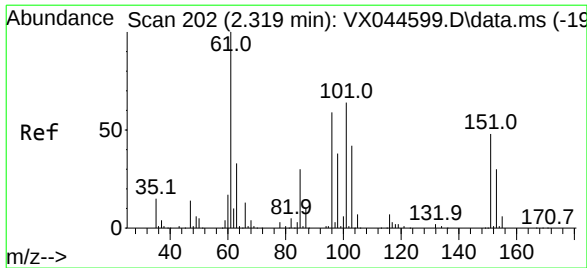
Reviewed By :John Carlone 01/08/2025
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#8
 Diethyl Ether
 Concen: 49.134 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX044599.D
 Acq: 07 Jan 2025 11:14

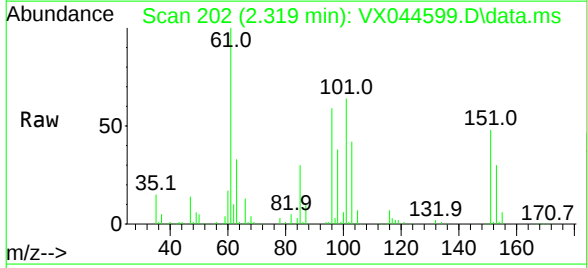
Tgt Ion: 74 Resp: 60770
 Ion Ratio Lower Upper
 74 100
 45 83.4 41.7 125.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.888 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

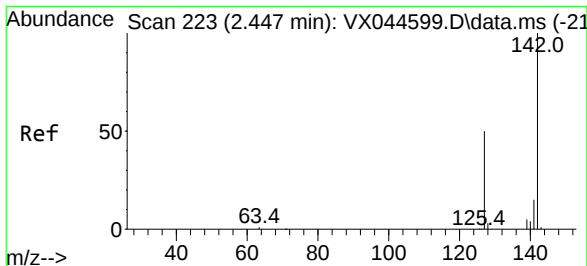
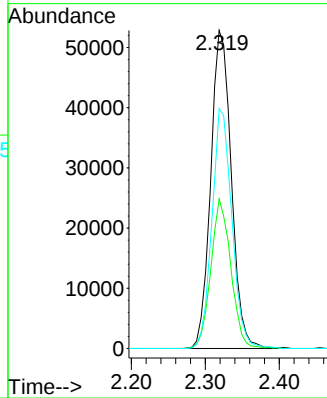
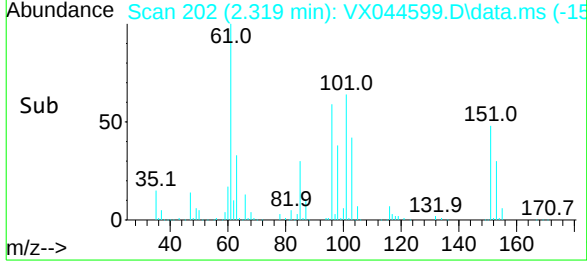
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 102129
Ion Ratio Lower Upper
101 100
85 45.6 36.5 54.7
151 73.2 58.6 87.8

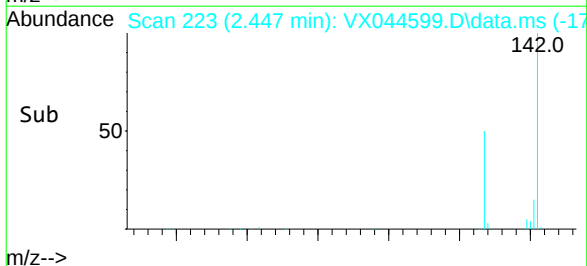
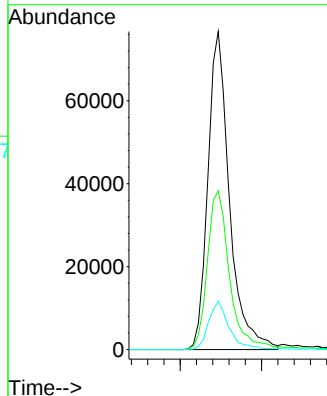
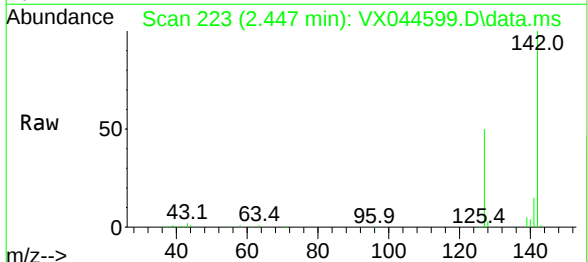
Manual Integrations
APPROVED

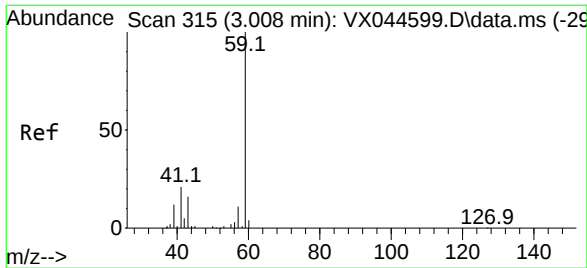
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#10
Methyl Iodide
Concen: 50.386 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion:142 Resp: 141008
Ion Ratio Lower Upper
142 100
127 52.4 41.9 62.9
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 254.724 ug/l

RT: 3.008 min Scan# 315

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 87895

Ion Ratio Lower Upper

59 100

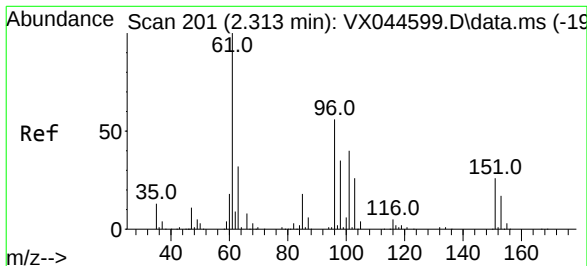
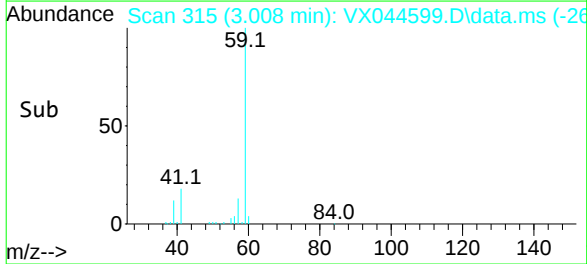
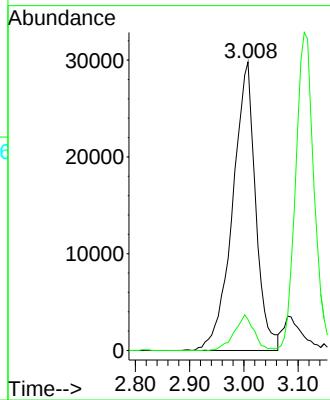
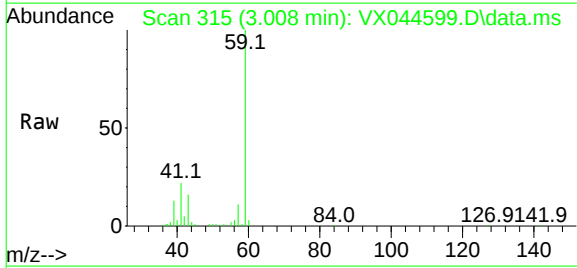
57 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#12

1,1-Dichloroethene

Concen: 50.252 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

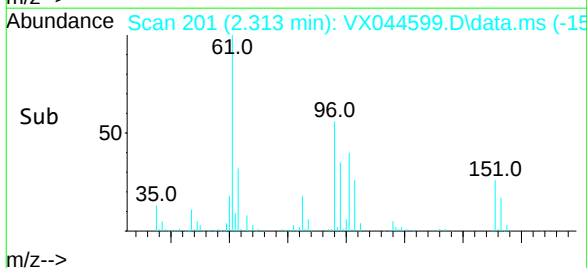
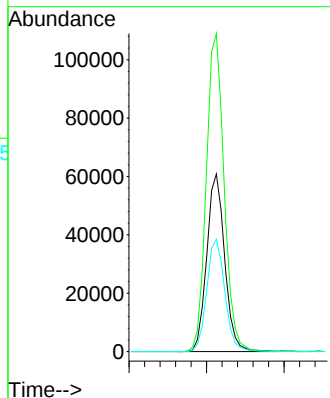
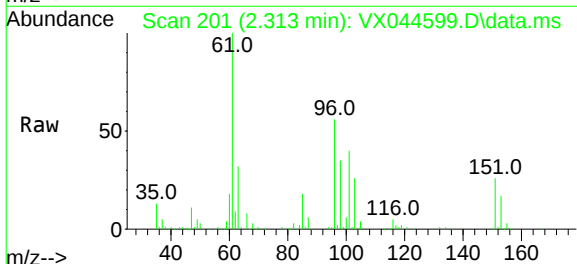
Tgt Ion: 96 Resp: 97703

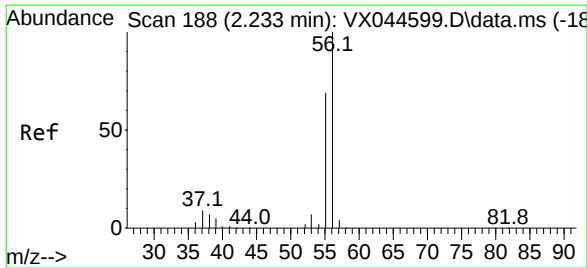
Ion Ratio Lower Upper

96 100

61 179.1 143.3 214.9

98 63.3 50.6 76.0





#13

Acrolein

Concen: 253.331 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 115577

Ion Ratio Lower Upper

56 100

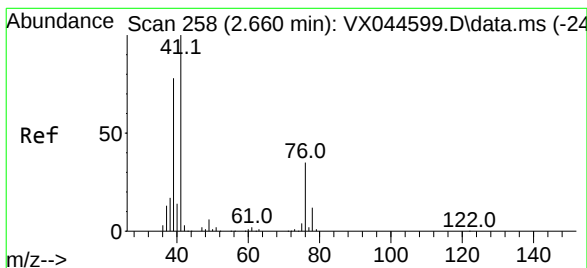
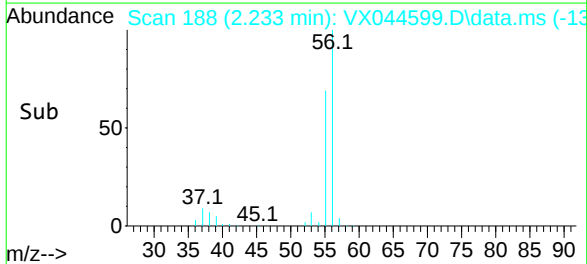
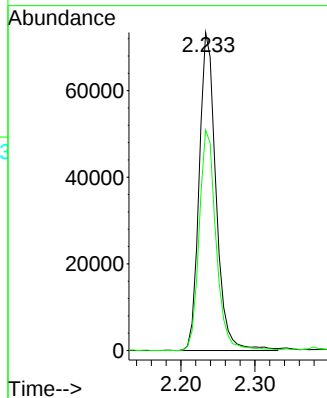
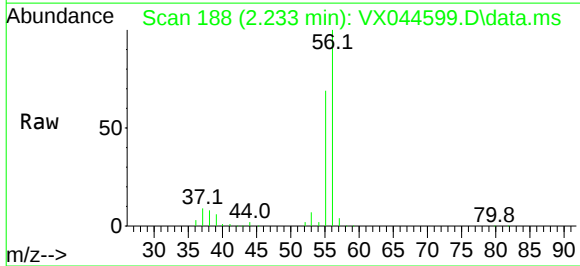
55 69.8 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#14

Allyl chloride

Concen: 54.375 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

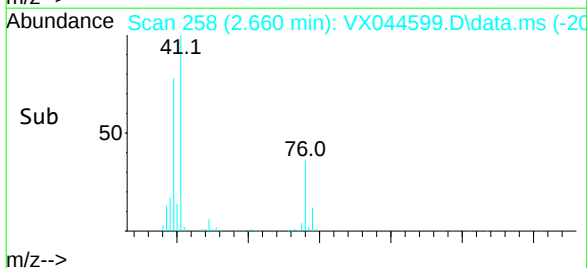
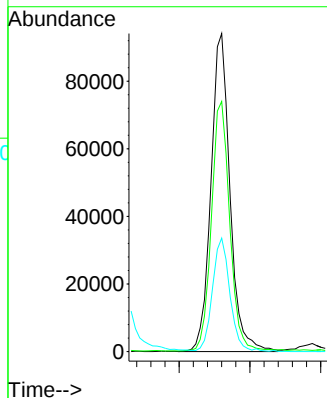
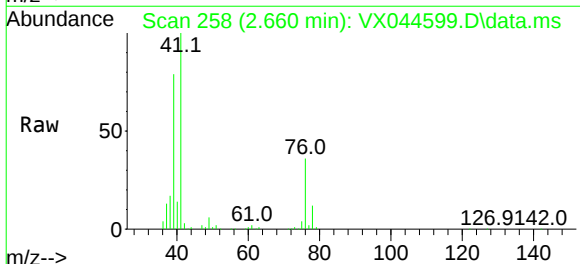
Tgt Ion: 41 Resp: 175824

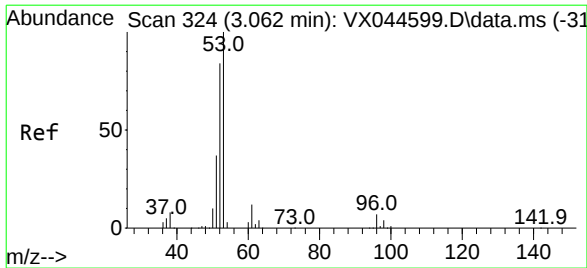
Ion Ratio Lower Upper

41 100

39 75.2 60.2 90.2

76 32.4 25.9 38.9





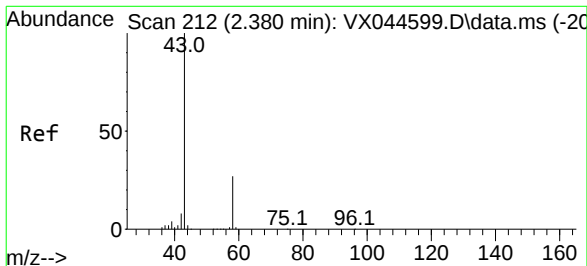
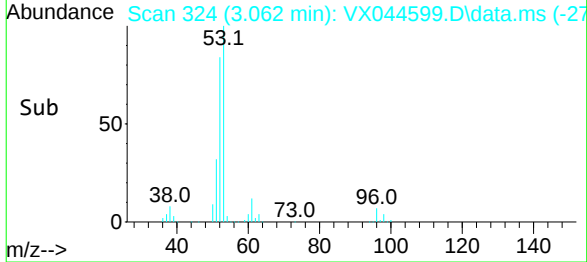
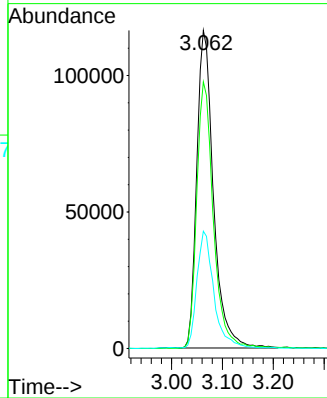
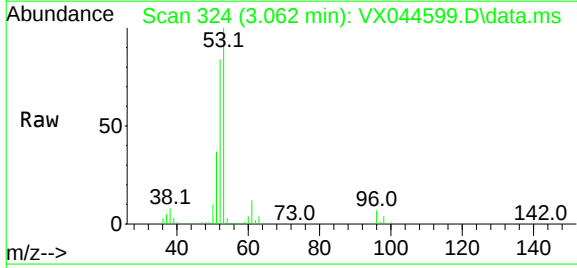
#15
Acrylonitrile
Concen: 267.216 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.0	100.6
51	36.7	29.4	44.0

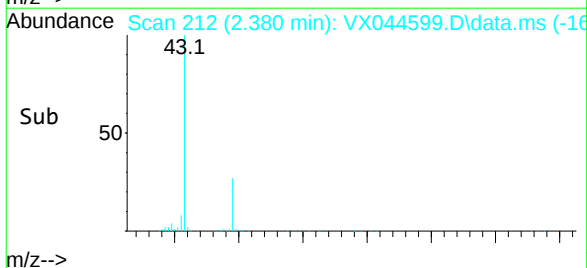
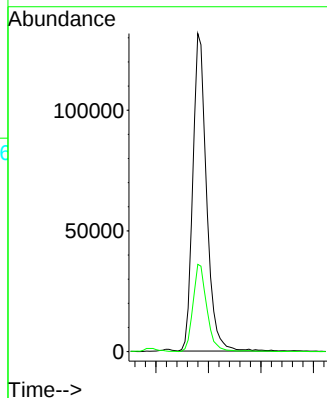
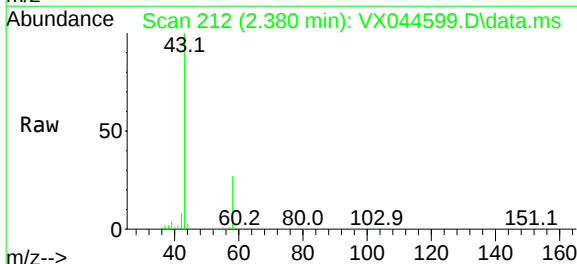
Manual Integrations
APPROVED

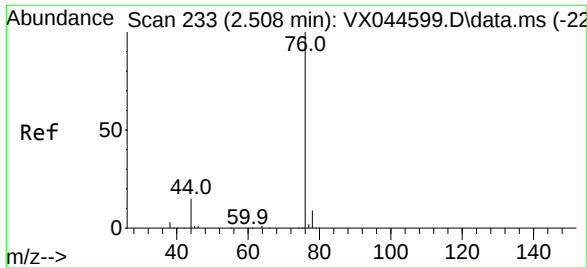
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#16
Acetone
Concen: 270.163 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

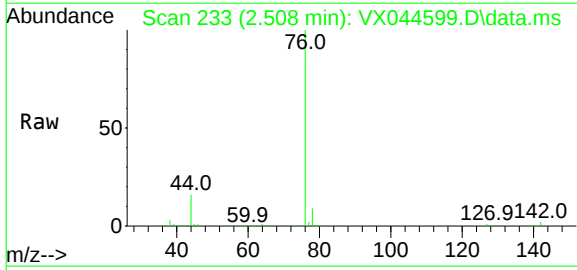
Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.0	33.0





#17
Carbon Disulfide
Concen: 52.759 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

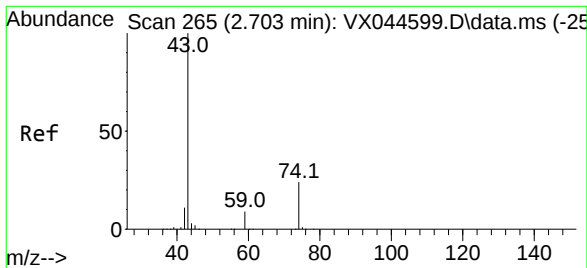
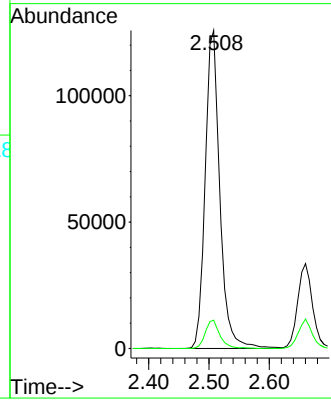
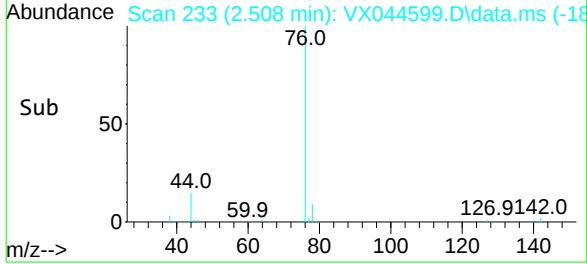
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 212108
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

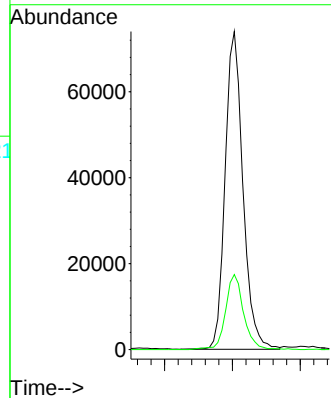
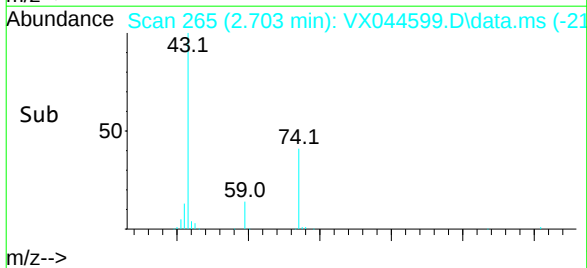
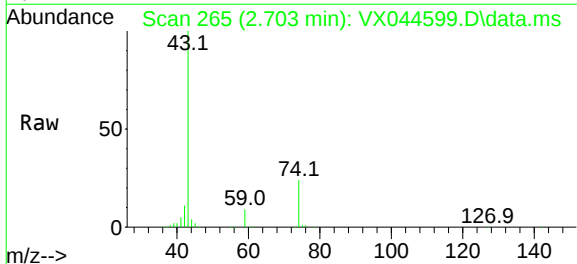
Manual Integrations
APPROVED

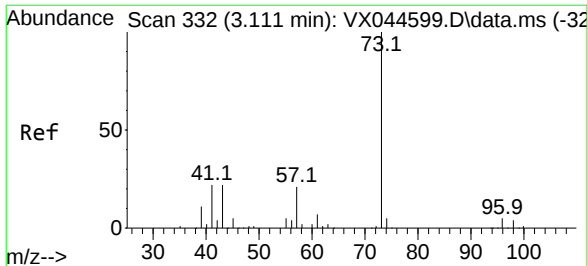
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#18
Methyl Acetate
Concen: 51.731 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 43 Resp: 134854
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9





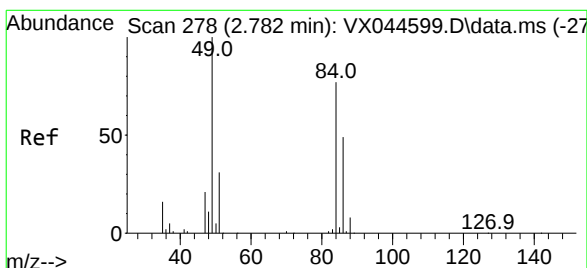
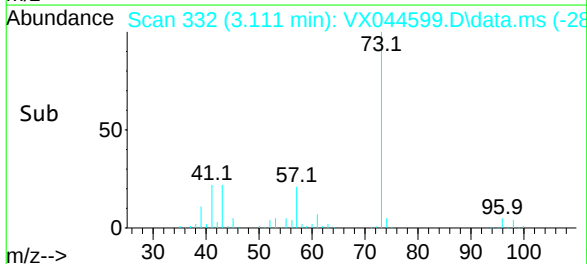
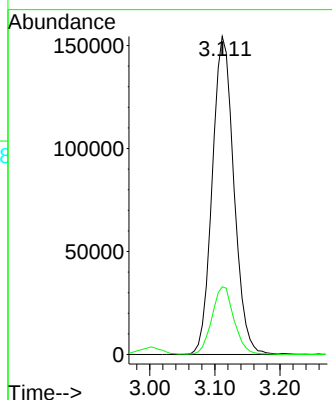
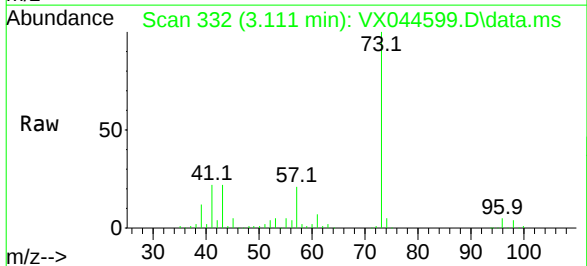
#19
Methyl tert-butyl Ether
Concen: 53.495 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 356440
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4

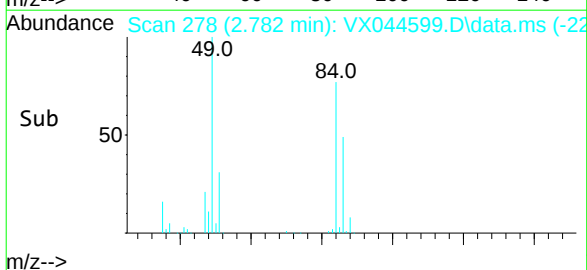
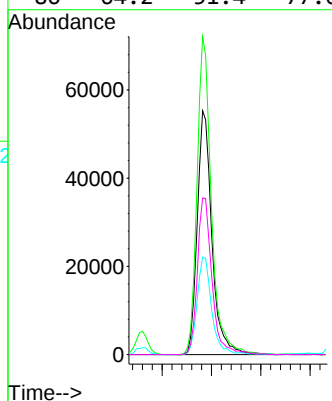
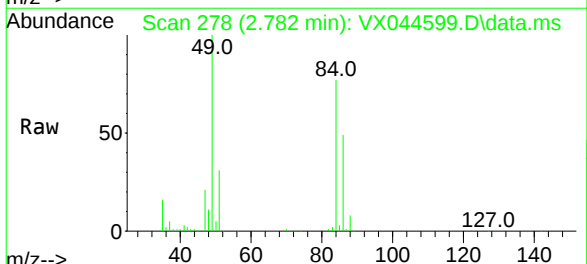
Manual Integrations
APPROVED

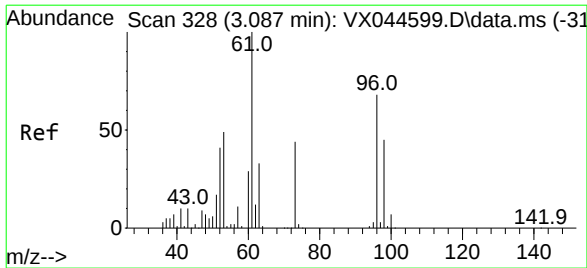
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#20
Methylene Chloride
Concen: 50.698 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 84 Resp: 114236
Ion Ratio Lower Upper
84 100
49 130.5 104.4 156.6
51 40.0 32.0 48.0
86 64.2 51.4 77.0





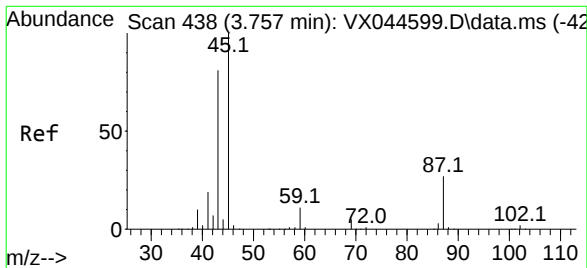
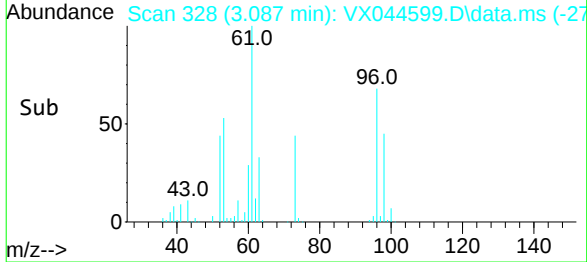
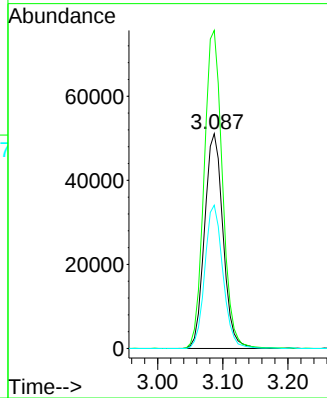
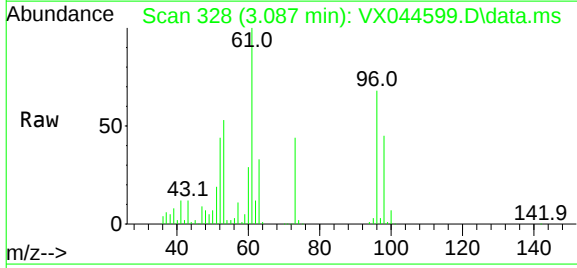
#21
trans-1,2-Dichloroethene
Concen: 50.541 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 100853
Ion Ratio Lower Upper
96 100
61 148.1 118.5 177.7
98 66.7 53.4 80.0

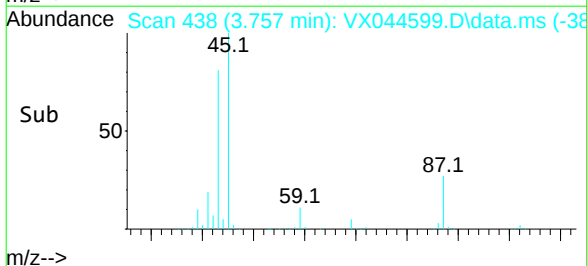
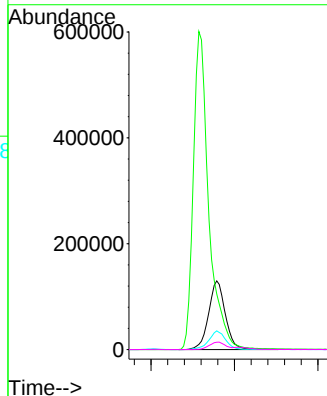
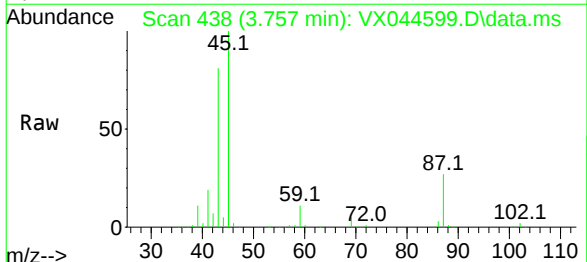
Manual Integrations
APPROVED

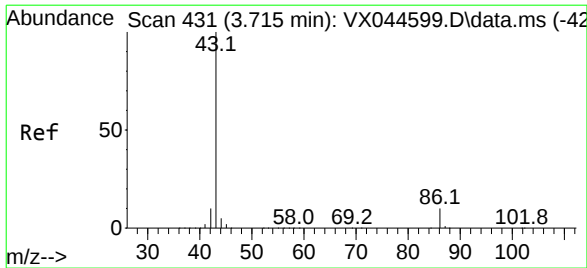
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#22
Diisopropyl ether
Concen: 54.433 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 45 Resp: 361827
Ion Ratio Lower Upper
45 100
43 80.8 64.6 97.0
87 27.3 21.8 32.8
59 10.7 8.6 12.8





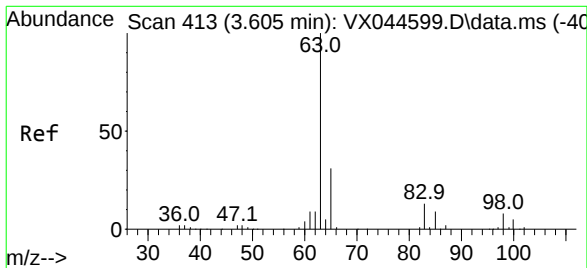
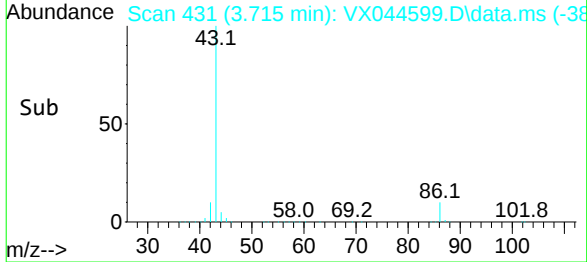
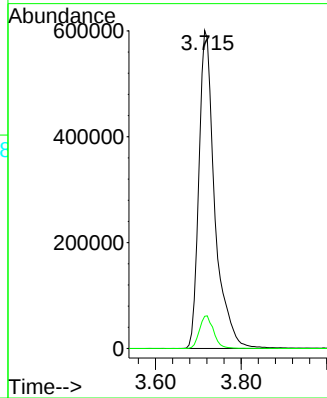
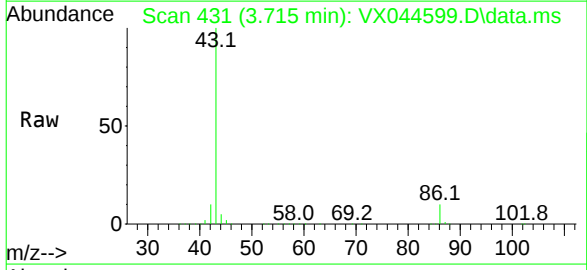
#23
 Vinyl Acetate
 Concen: 287.640 ug/l
 RT: 3.715 min Scan# 431
 Delta R.T. 0.000 min
 Lab File: VX044599.D
 Acq: 07 Jan 2025 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1546132
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

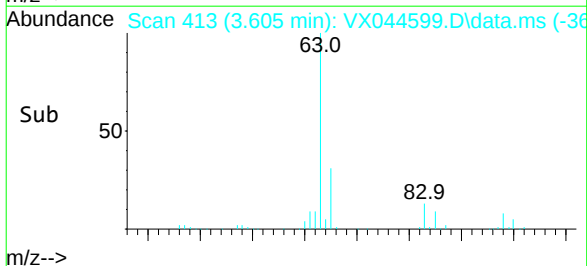
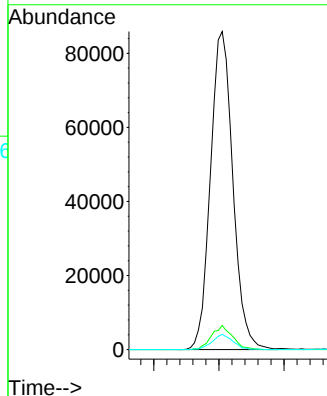
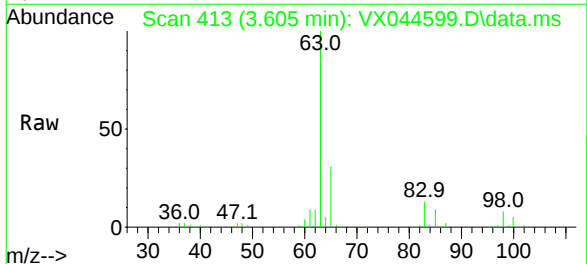
Manual Integrations
 APPROVED

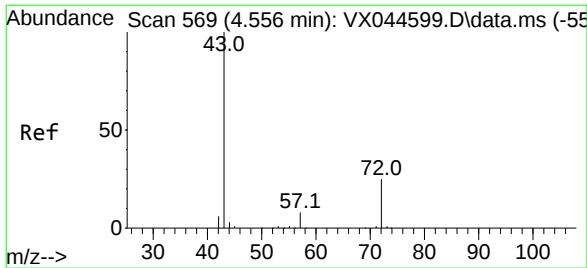
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#24
 1,1-Dichloroethane
 Concen: 53.022 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044599.D
 Acq: 07 Jan 2025 11:14

Tgt Ion: 63 Resp: 205366
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.8 2.4 7.2





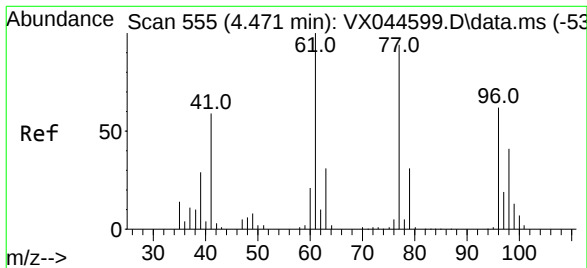
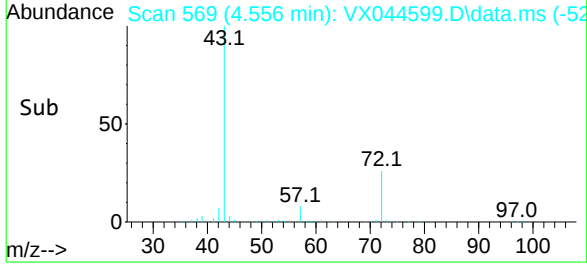
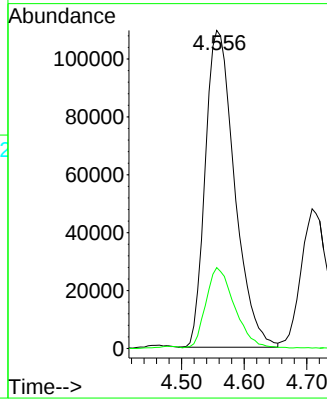
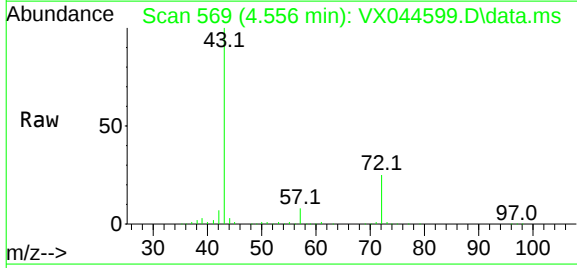
#25
2-Butanone
Concen: 278.769 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 355382
Ion Ratio Lower Upper
43 100
72 25.2 20.2 30.2

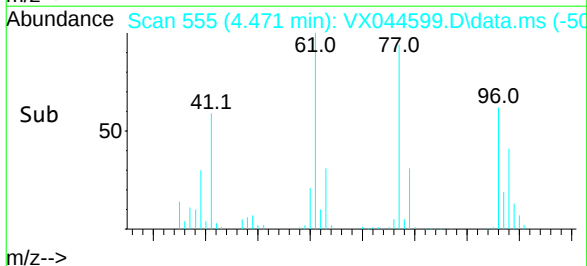
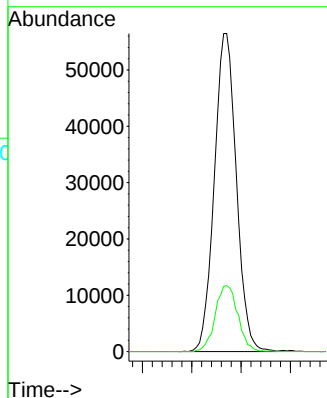
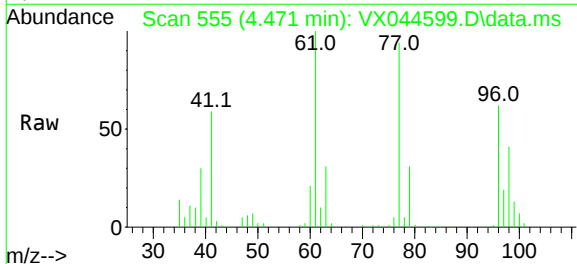
Manual Integrations
APPROVED

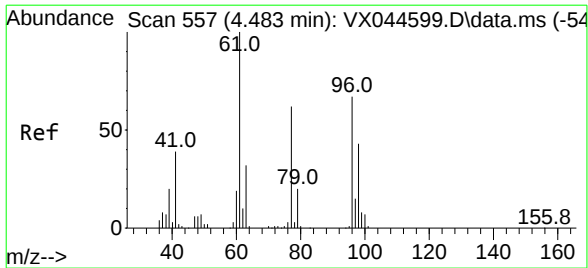
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#26
2,2-Dichloropropane
Concen: 52.316 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

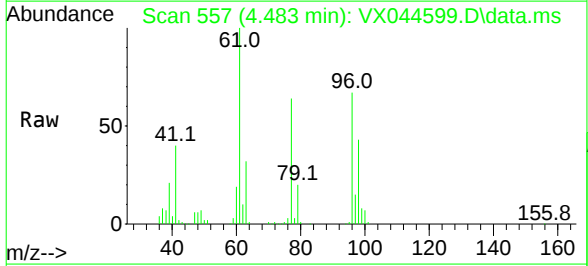
Tgt Ion: 77 Resp: 175192
Ion Ratio Lower Upper
77 100
97 21.4 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 52.219 ug/l
 RT: 4.483 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VX044599.D
 Acq: 07 Jan 2025 11:14

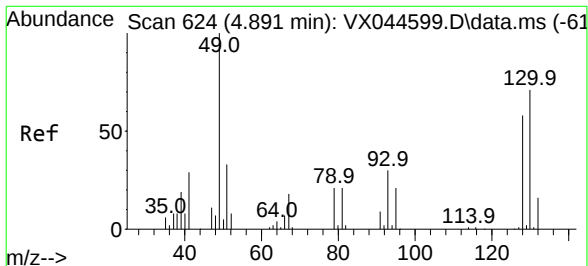
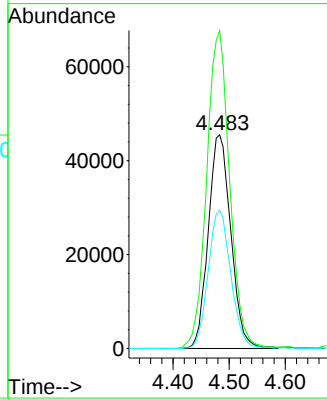
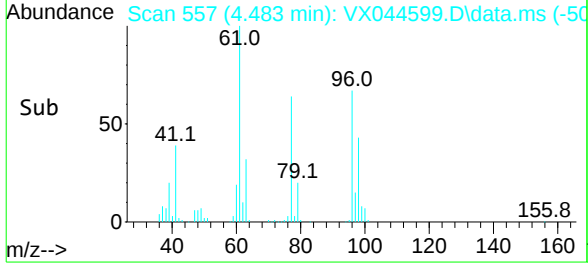
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



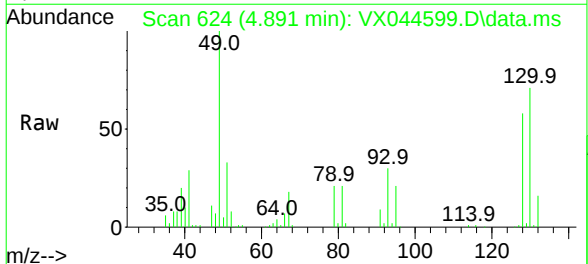
Tgt Ion: 96 Resp: 127058
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 302.8
 98 65.0 0.0 130.0

Manual Integrations
 APPROVED

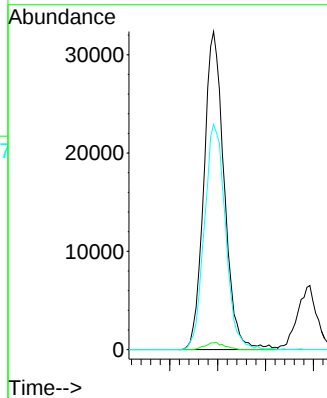
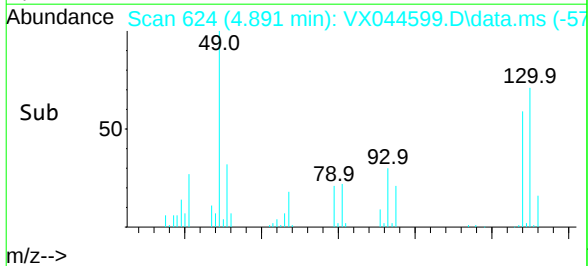
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025

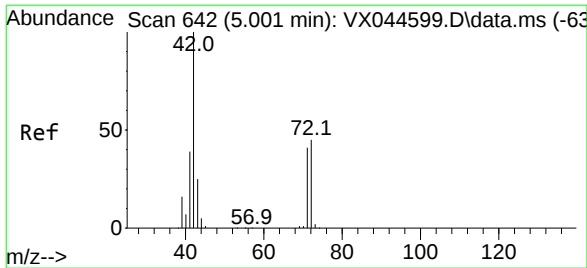


#28
 Bromochloromethane
 Concen: 52.799 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VX044599.D
 Acq: 07 Jan 2025 11:14



Tgt Ion: 49 Resp: 95194
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 73.5 58.8 88.2





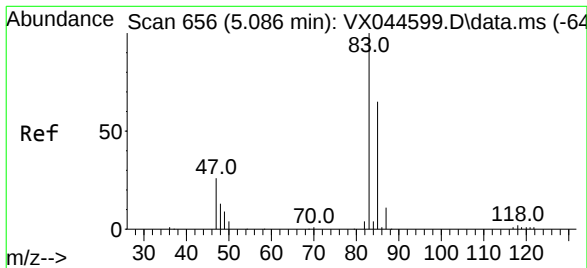
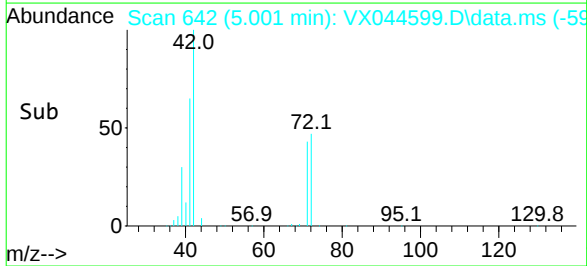
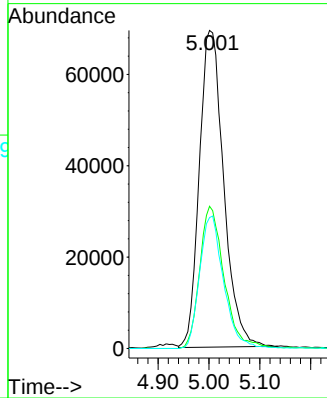
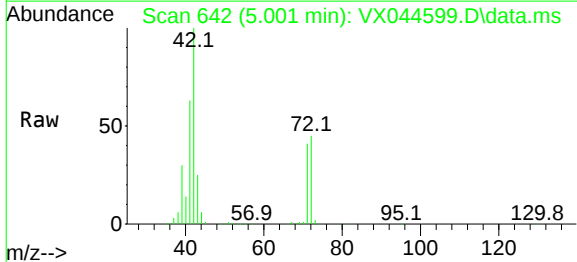
#29
Tetrahydrofuran
Concen: 264.250 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 230689
Ion Ratio Lower Upper
42 100
72 45.1 36.1 54.1
71 41.3 33.0 49.6

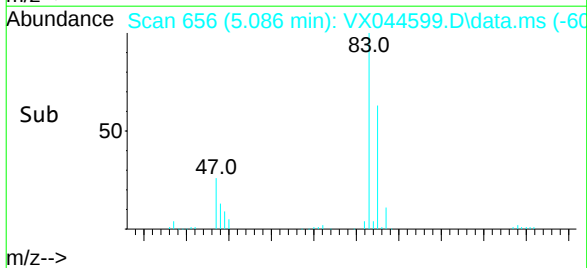
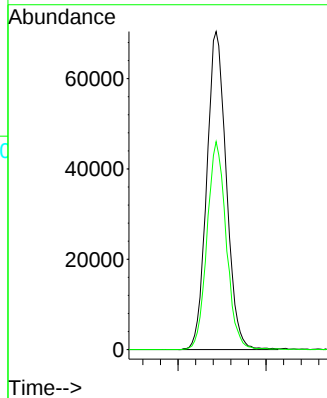
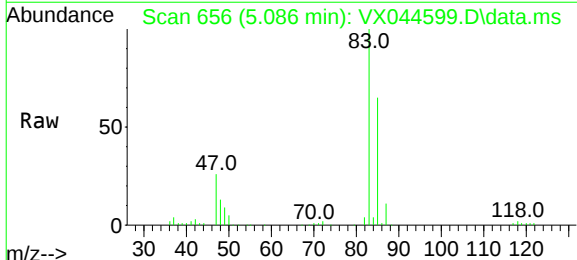
Manual Integrations
APPROVED

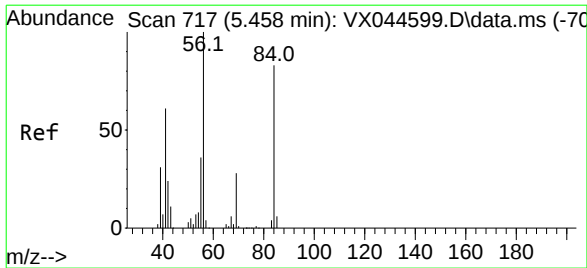
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#30
Chloroform
Concen: 52.153 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 83 Resp: 217765
Ion Ratio Lower Upper
83 100
85 65.4 52.3 78.5





#31

Cyclohexane

Concen: 52.061 ug/l

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

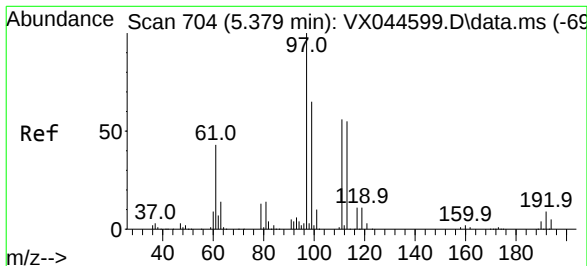
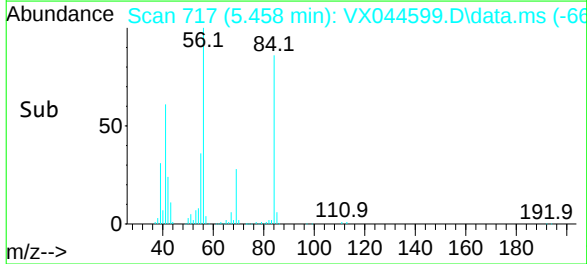
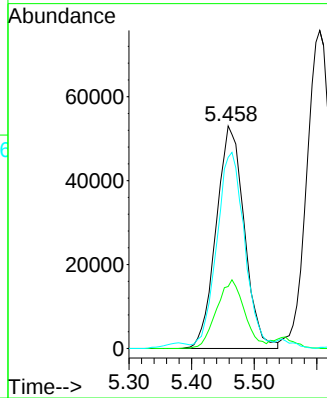
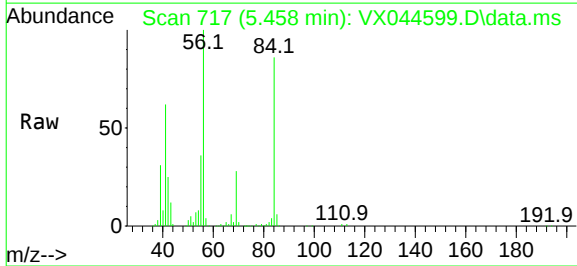
Tgt Ion:	56	Resp:	165559
Ion	Ratio	Lower	Upper
56	100		
69	27.8	22.2	33.4
84	83.3	66.6	100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#32

1,1,1-Trichloroethane

Concen: 53.743 ug/l

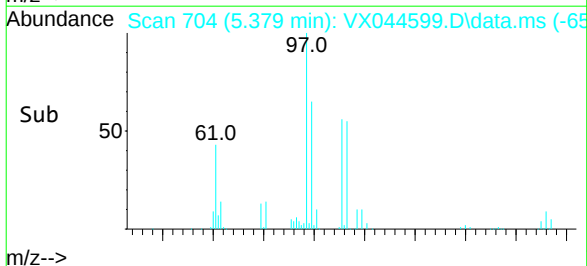
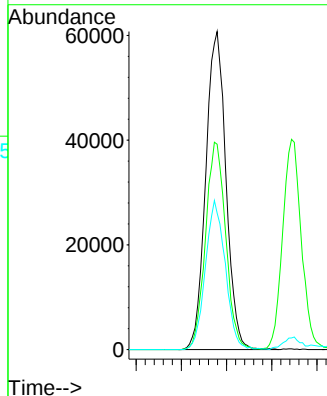
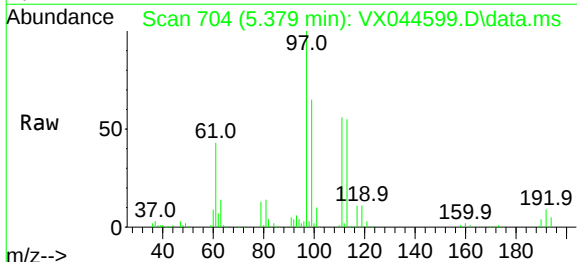
RT: 5.379 min Scan# 704

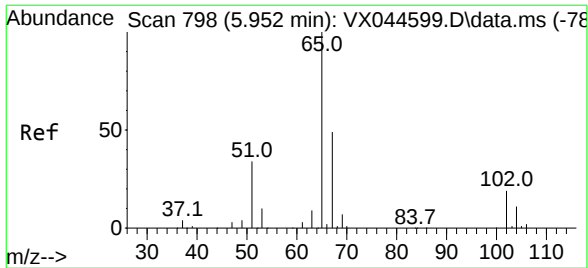
Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Tgt Ion:	97	Resp:	188854
Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.1	78.1
61	46.0	36.8	55.2





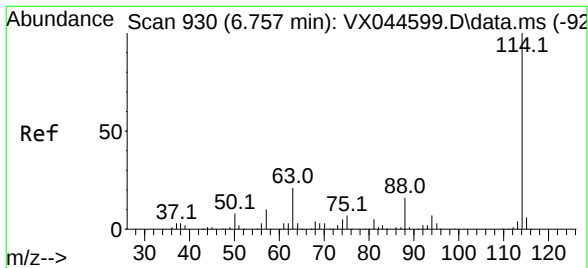
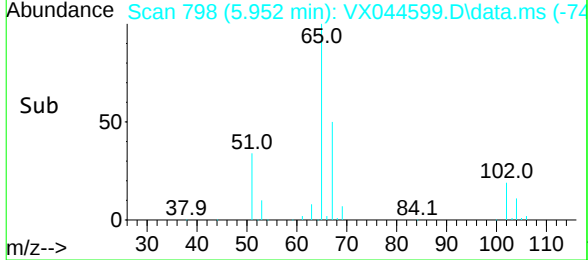
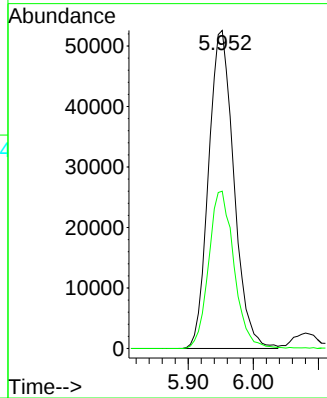
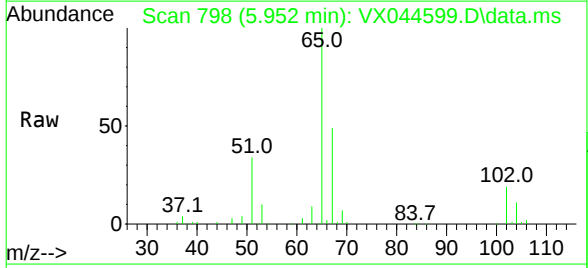
#33
1,2-Dichloroethane-d4
Concen: 50.681 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 142022
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

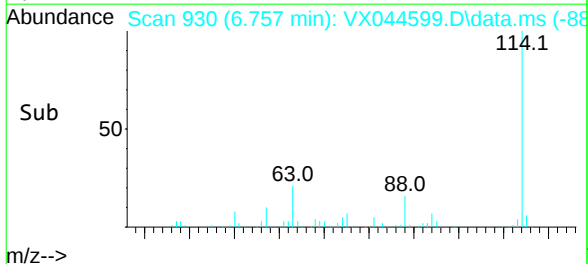
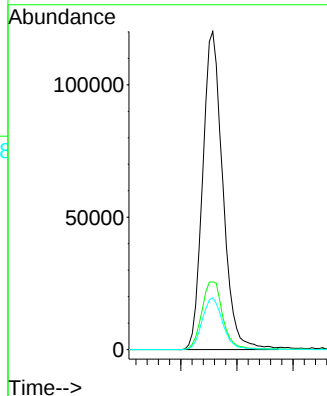
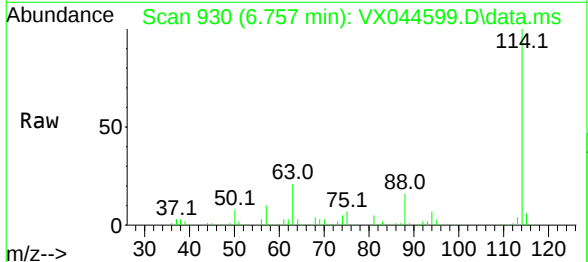
Manual Integrations
APPROVED

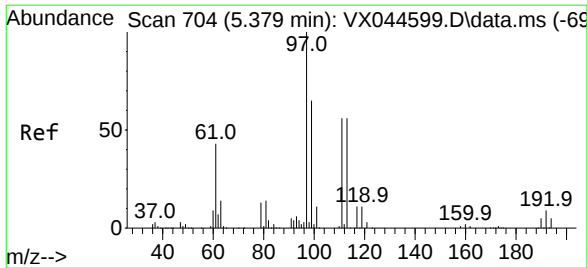
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion:114 Resp: 298796
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.6
88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.890 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 100169

Ion Ratio Lower Upper

113 100

111 104.1 83.3 124.9

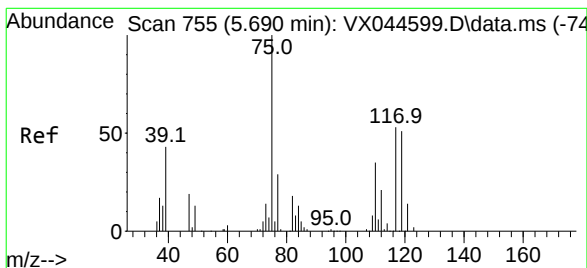
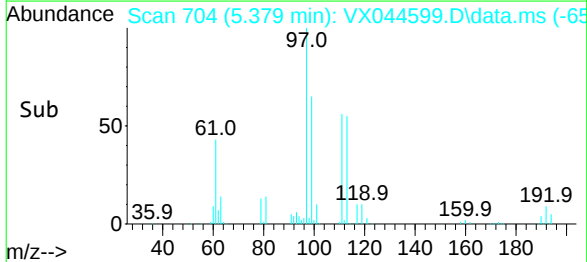
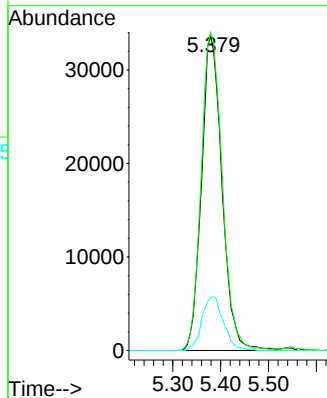
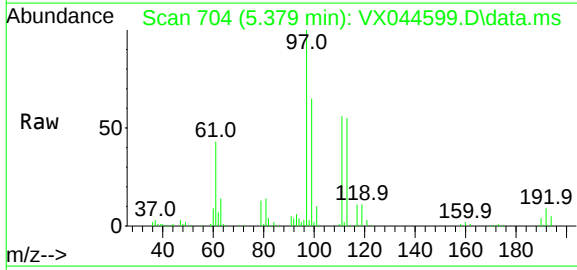
192 17.9 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#36

1,1-Dichloropropene

Concen: 52.511 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

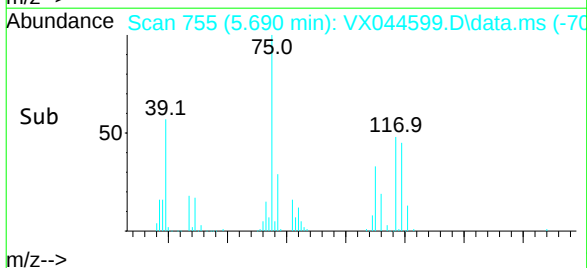
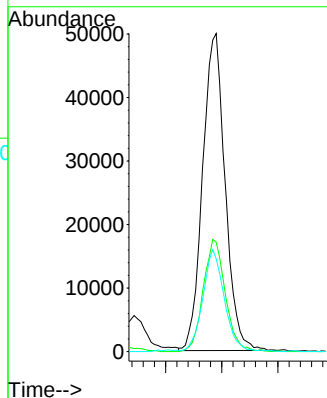
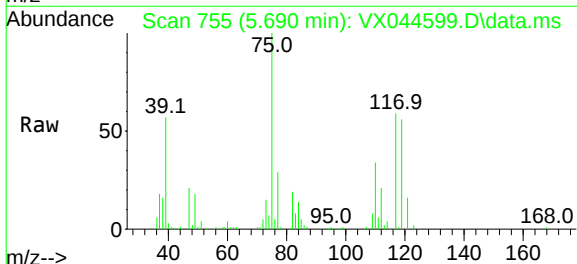
Tgt Ion: 75 Resp: 139122

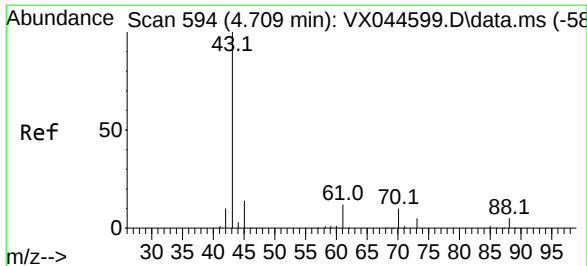
Ion Ratio Lower Upper

75 100

110 34.6 17.3 51.9

77 30.9 24.7 37.1





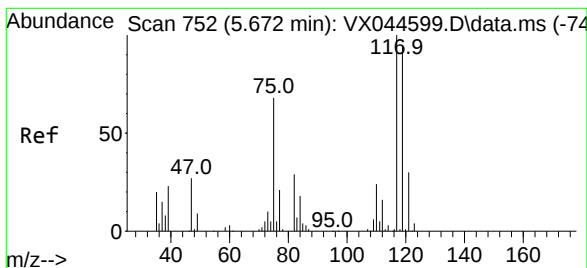
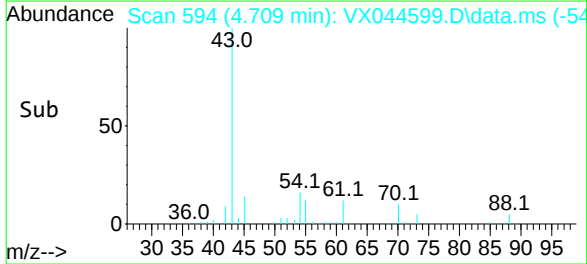
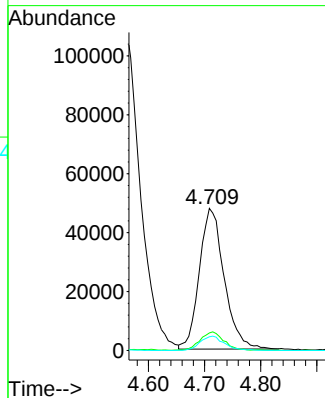
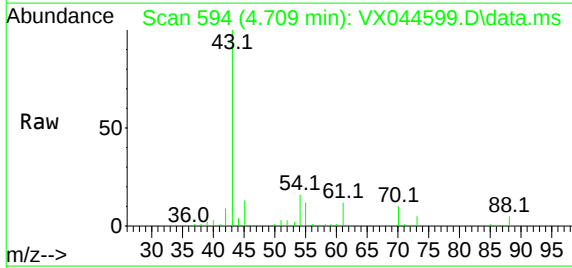
#37
Ethyl Acetate
Concen: 54.207 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 146801
Ion Ratio Lower Upper
43 100
61 12.4 9.9 14.9
70 10.0 8.0 12.0

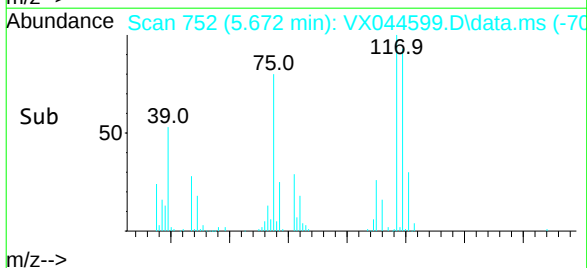
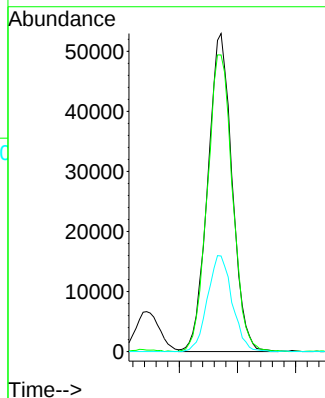
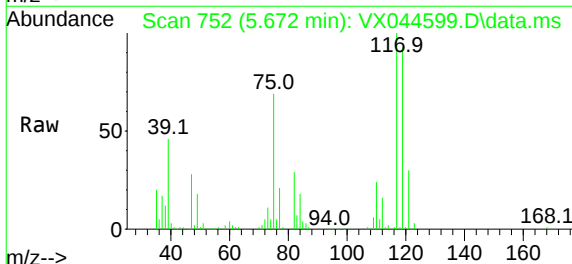
Manual Integrations
APPROVED

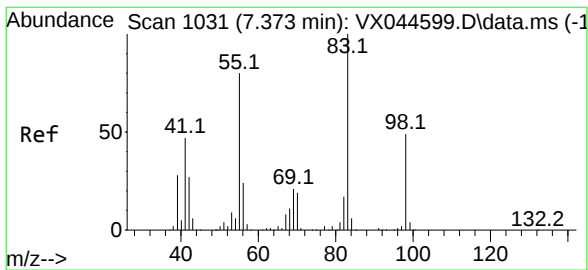
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#38
Carbon Tetrachloride
Concen: 52.418 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion:117 Resp: 154084
Ion Ratio Lower Upper
117 100
119 93.1 74.5 111.7
121 30.1 24.1 36.1





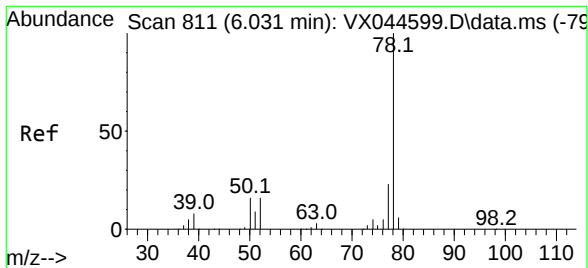
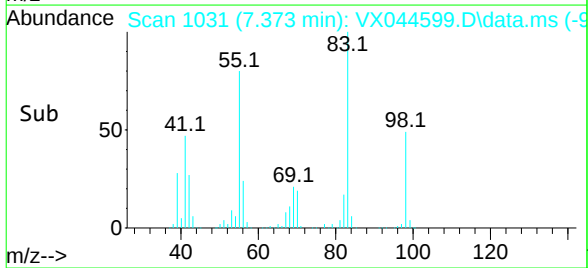
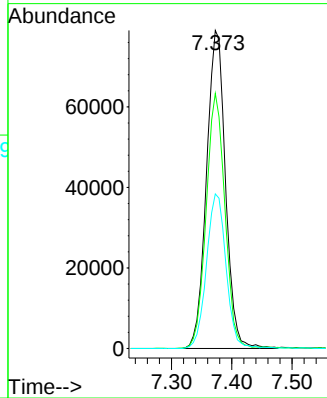
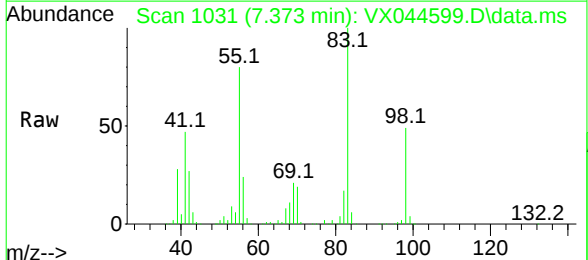
#39
Methylcyclohexane
Concen: 51.250 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 173252
Ion Ratio Lower Upper
83 100
55 80.1 64.1 96.1
98 48.6 38.9 58.3

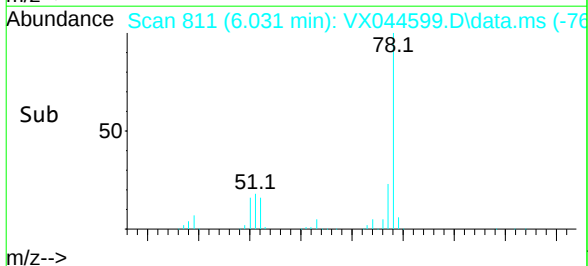
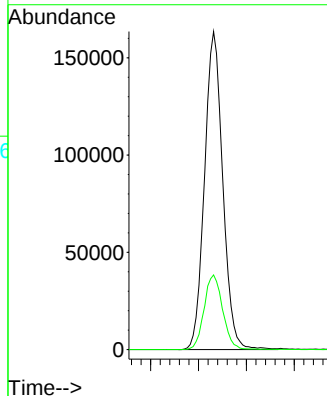
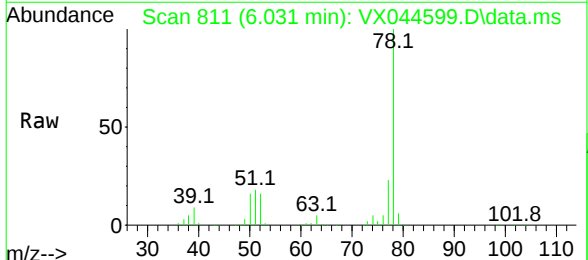
Manual Integrations
APPROVED

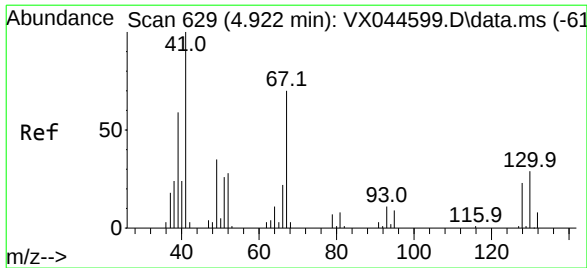
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#40
Benzene
Concen: 51.878 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 78 Resp: 432755
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





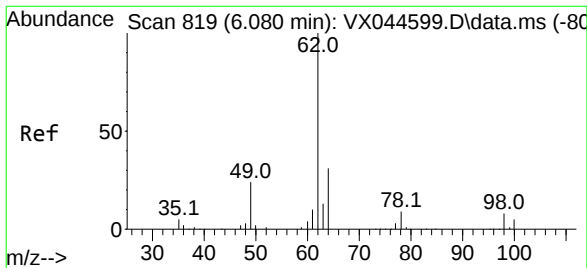
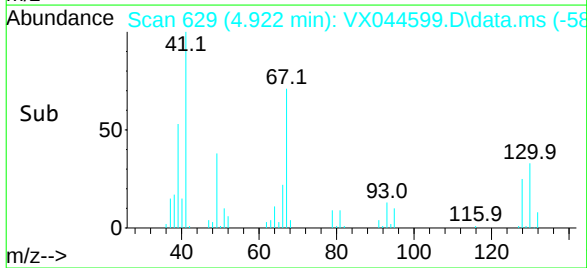
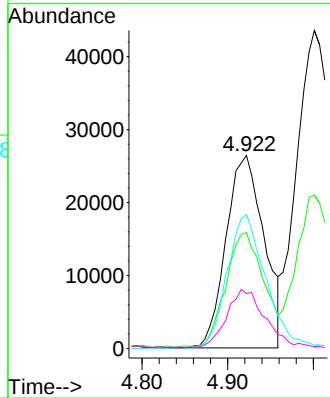
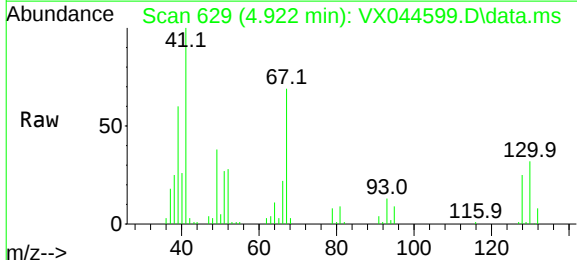
#41
Methacrylonitrile
Concen: 55.981 ug/l
RT: 4.922 min Scan# 629
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 81440
Ion Ratio Lower Upper
41 100
39 58.7 47.0 70.4
67 71.8 57.4 86.2
52 31.3 25.0 37.6

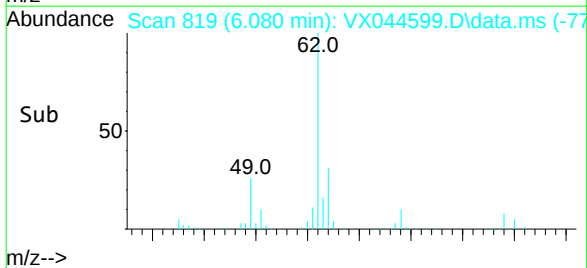
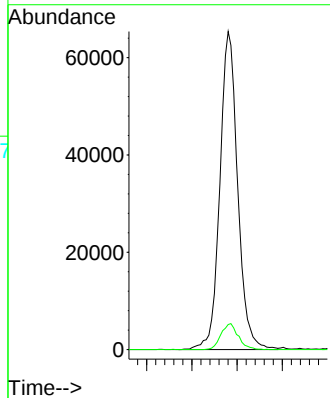
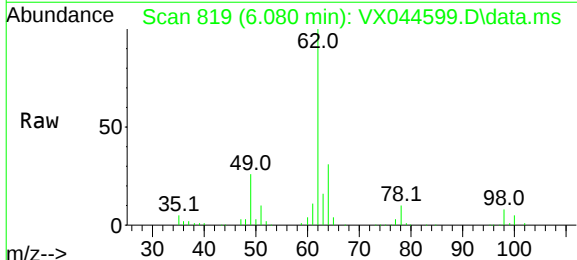
Manual Integrations
APPROVED

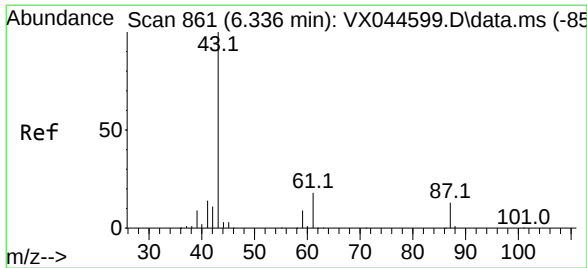
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#42
1,2-Dichloroethane
Concen: 54.843 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 62 Resp: 178915
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8





#43

Isopropyl Acetate

Concen: 54.708 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

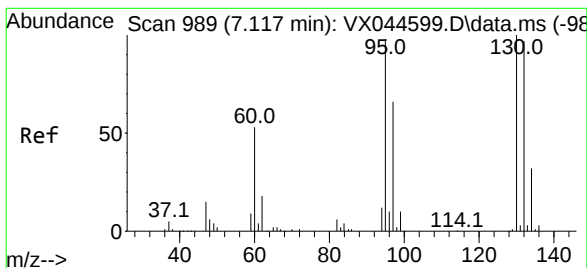
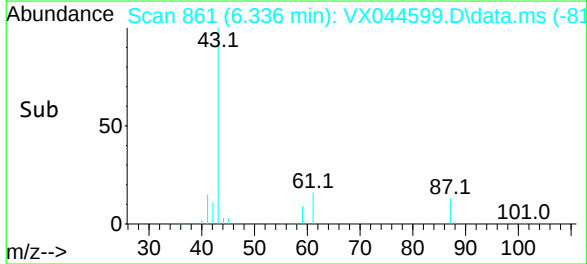
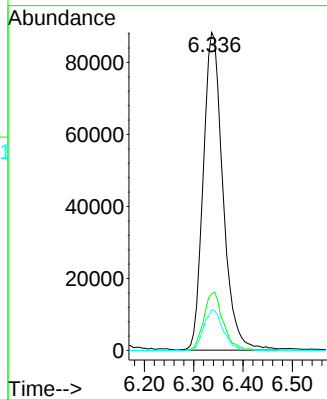
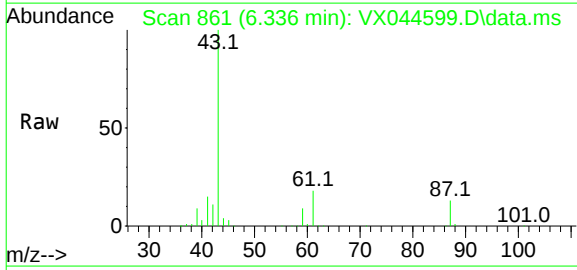
Tgt Ion:	43	Resp:	244614
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.5	21.7
87	12.6	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#44

Trichloroethene

Concen: 48.889 ug/l

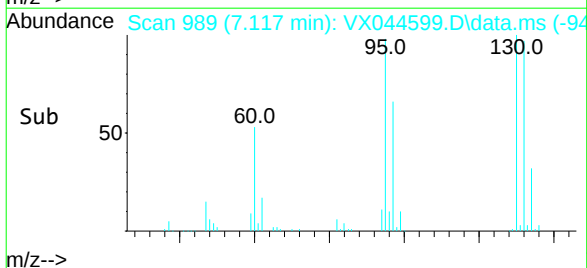
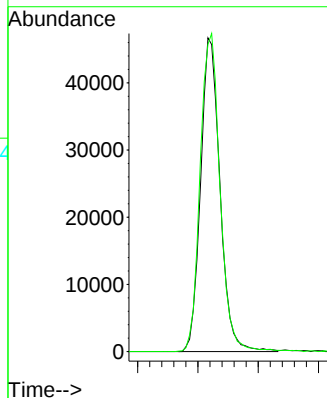
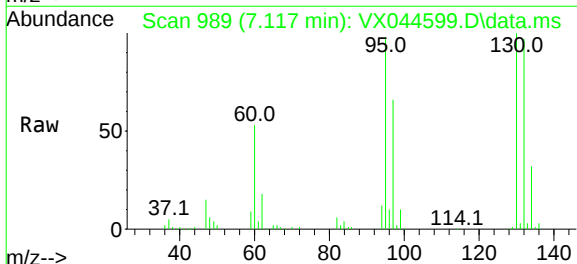
RT: 7.117 min Scan# 989

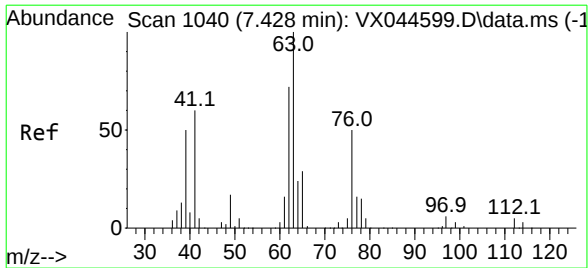
Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Tgt Ion:	130	Resp:	104250
Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	195.6





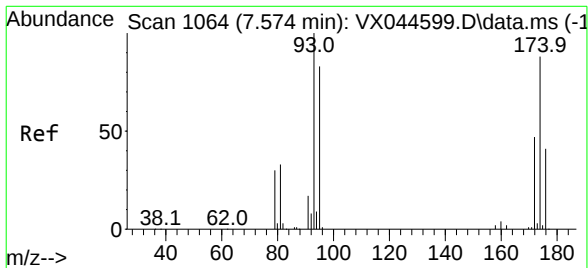
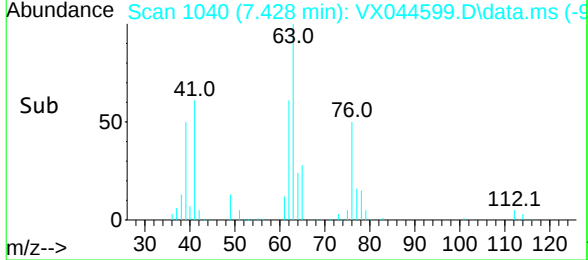
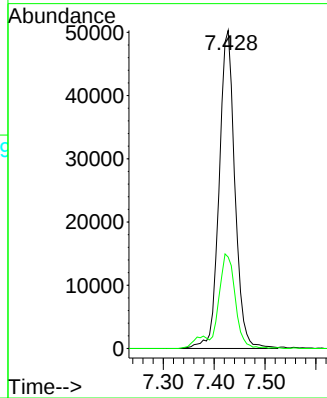
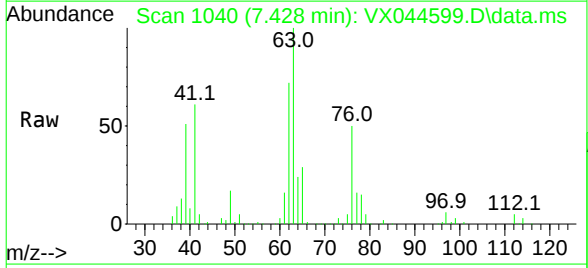
#45
1,2-Dichloropropane
Concen: 53.181 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 108161
Ion Ratio Lower Upper
63 100
65 28.7 23.0 34.4

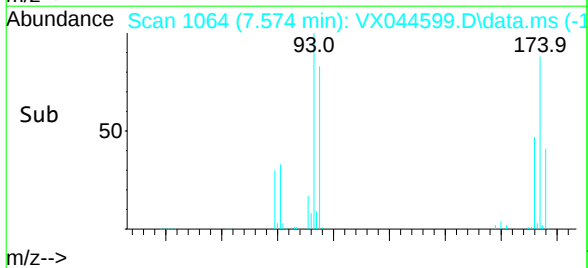
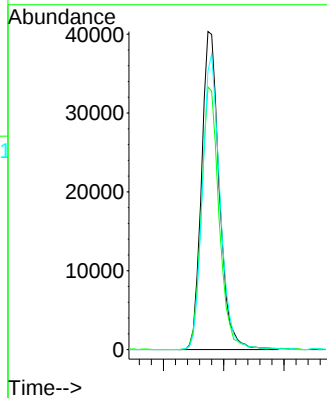
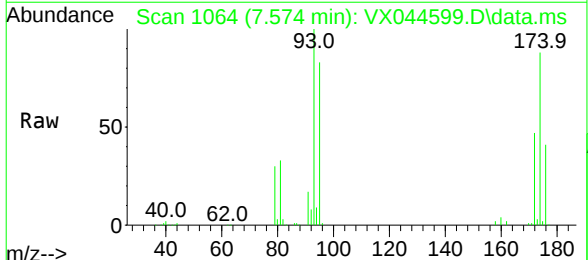
Manual Integrations
APPROVED

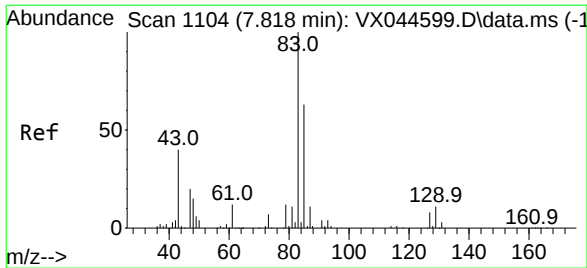
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#46
Dibromomethane
Concen: 52.214 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 93 Resp: 82588
Ion Ratio Lower Upper
93 100
95 82.2 65.8 98.6
174 91.7 73.4 110.0





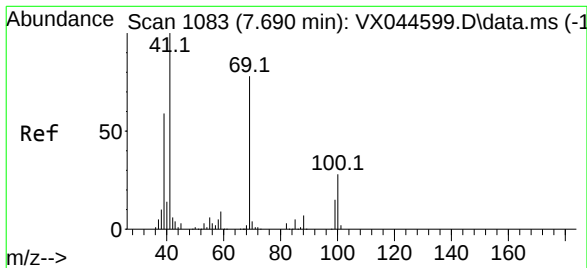
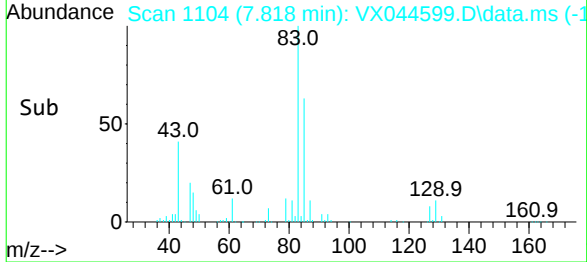
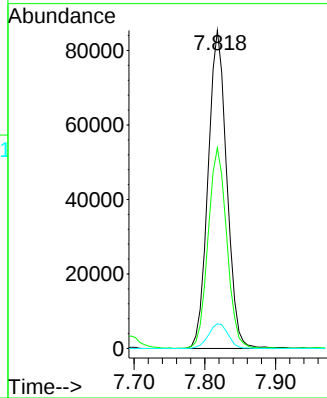
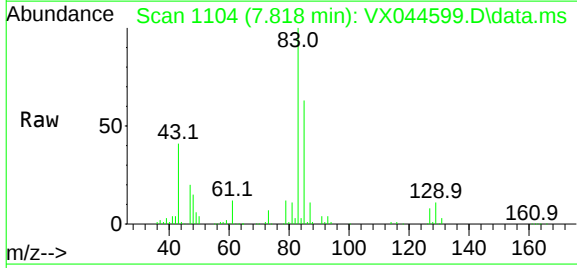
#47
Bromodichloromethane
Concen: 54.442 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 156703
Ion Ratio Lower Upper
83 100
85 63.0 50.4 75.6
127 7.8 6.2 9.4

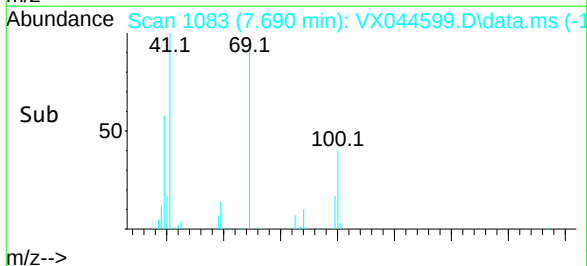
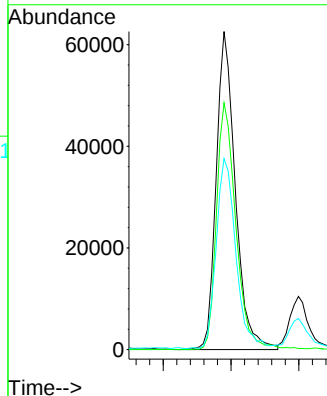
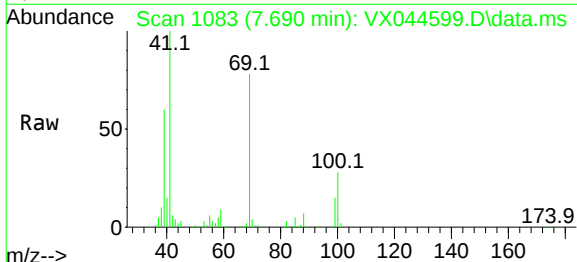
Manual Integrations
APPROVED

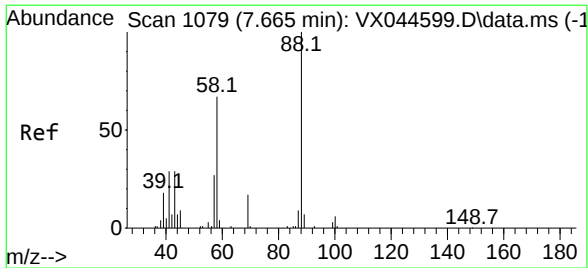
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#48
Methyl methacrylate
Concen: 57.554 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

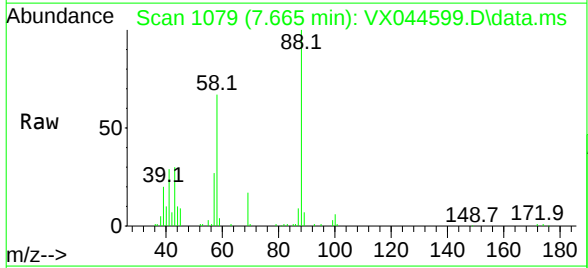
Tgt Ion: 41 Resp: 122740
Ion Ratio Lower Upper
41 100
69 78.6 62.9 94.3
39 61.1 48.9 73.3





#49
1,4-Dioxane
Concen: 1114.222 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

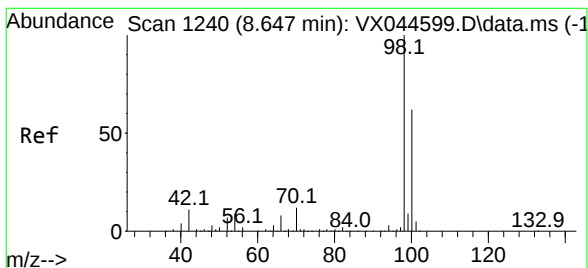
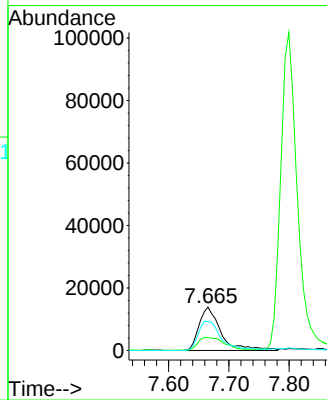
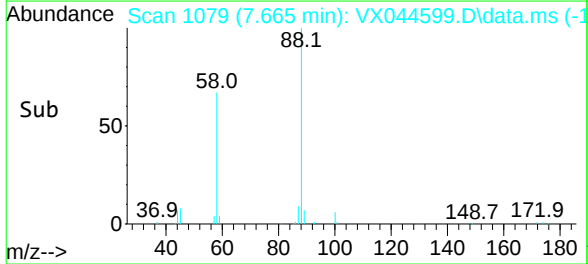
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 34918
Ion Ratio Lower Upper
88 100
43 36.9 29.5 44.3
58 70.4 56.3 84.5

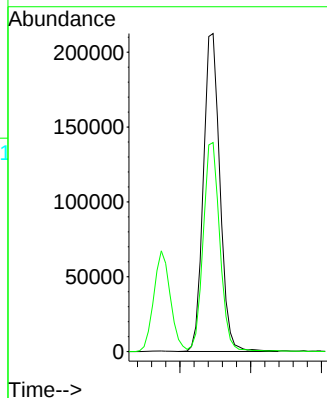
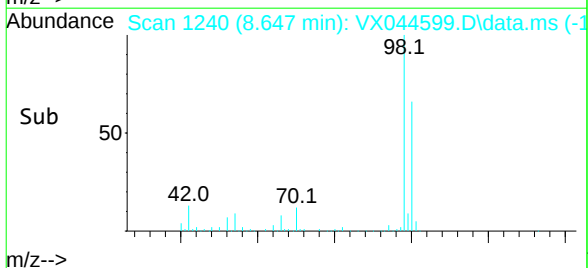
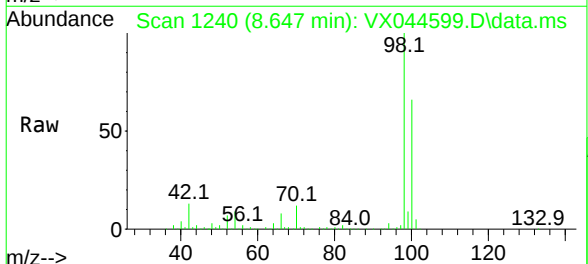
Manual Integrations
APPROVED

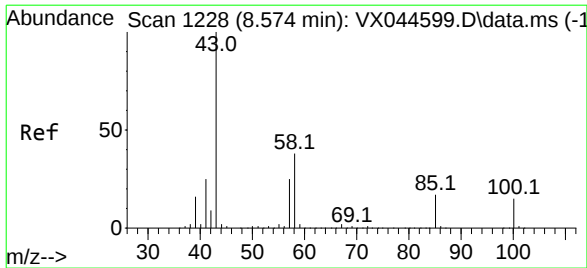
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#50
Toluene-d8
Concen: 49.357 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 98 Resp: 345428
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





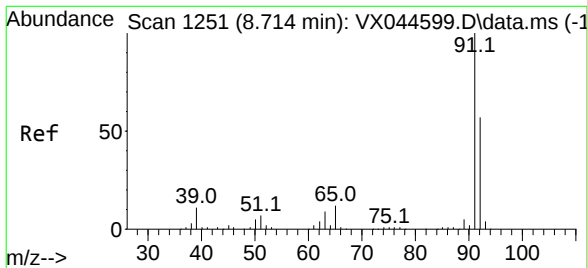
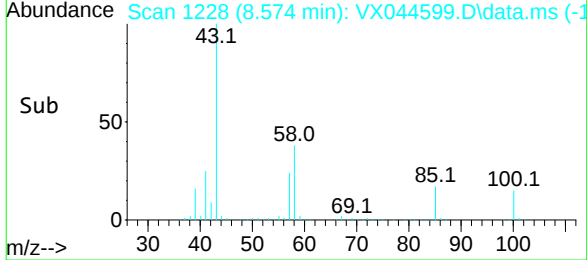
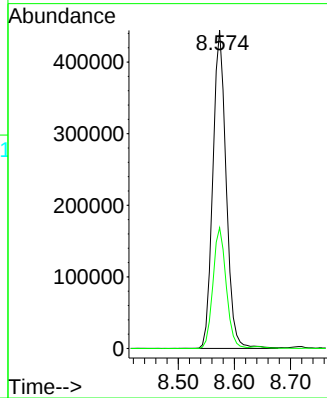
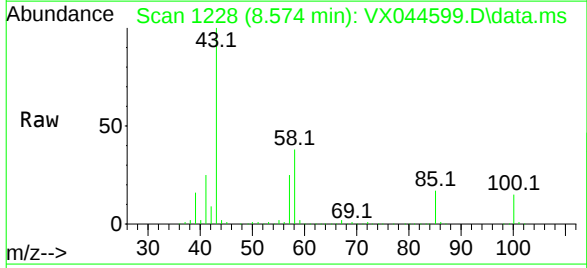
#51
4-Methyl-2-Pentanone
Concen: 280.449 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 733011
Ion Ratio Lower Upper
43 100
58 37.5 30.0 45.0

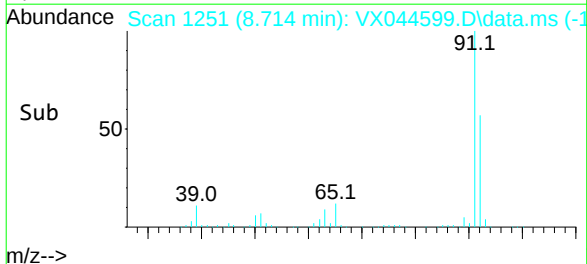
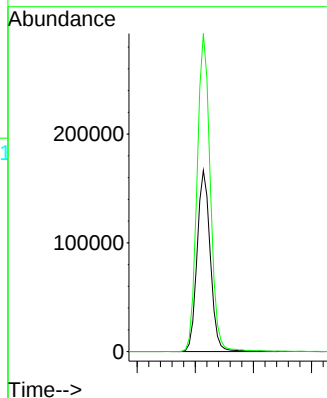
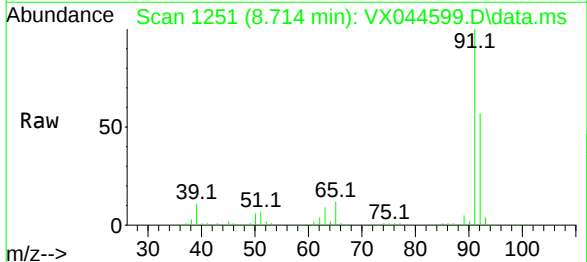
Manual Integrations
APPROVED

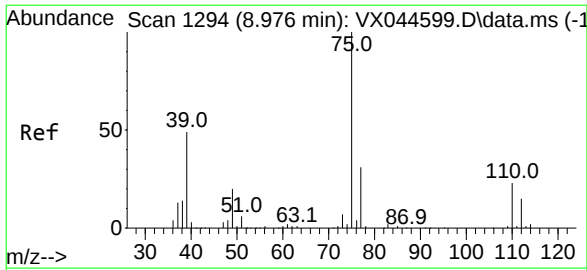
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#52
Toluene
Concen: 52.133 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

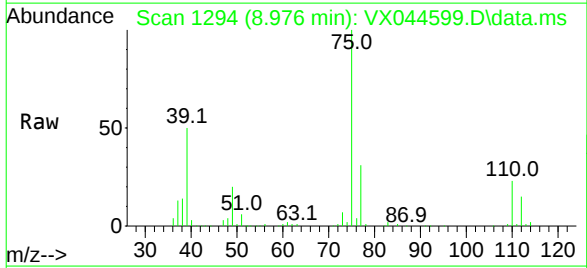
Tgt Ion: 92 Resp: 262398
Ion Ratio Lower Upper
92 100
91 175.7 140.6 210.8





#53
t-1,3-Dichloropropene
Concen: 56.347 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

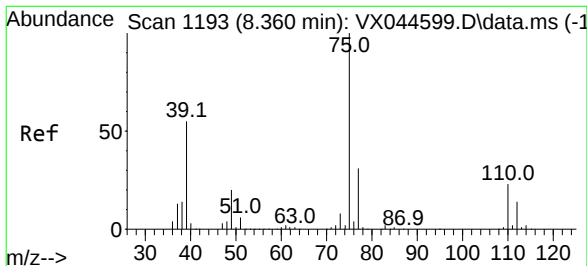
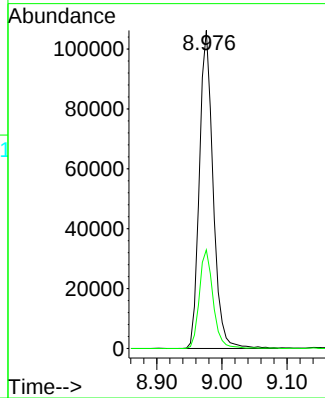
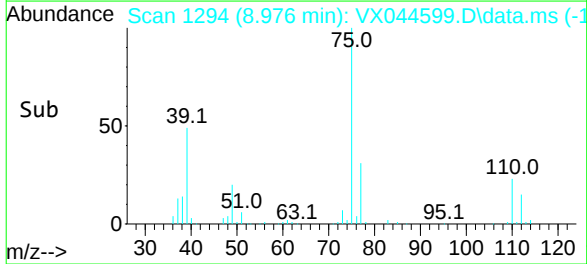
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



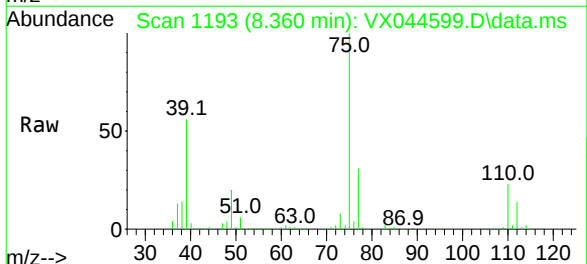
Tgt Ion: 75 Resp: 155029
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2

Manual Integrations
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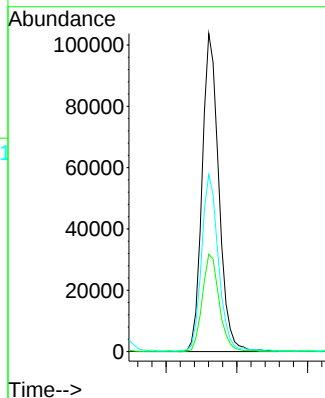
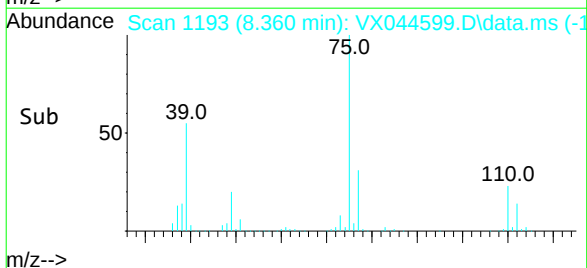
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

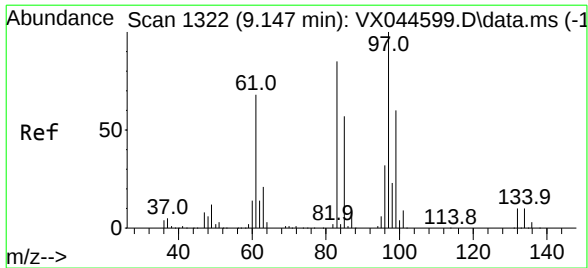


#54
cis-1,3-Dichloropropene
Concen: 55.104 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14



Tgt Ion: 75 Resp: 170387
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 55.4 44.3 66.5





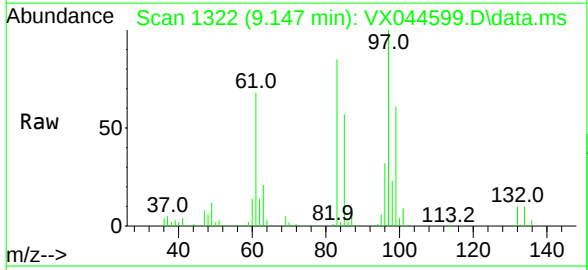
#55
 1,1,2-Trichloroethane
 Concen: 52.243 ug/l
 RT: 9.147 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX044599.D
 Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050



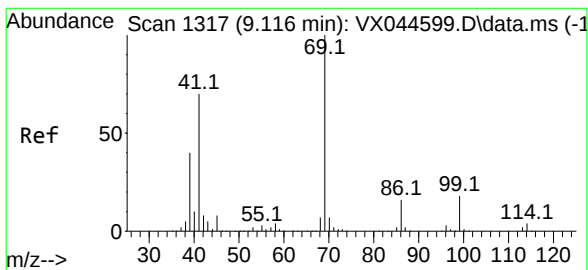
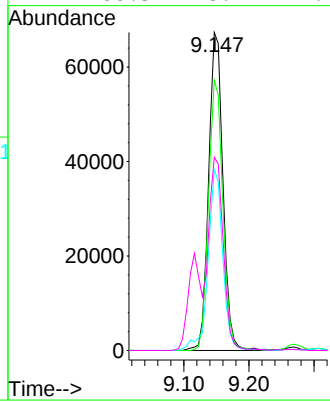
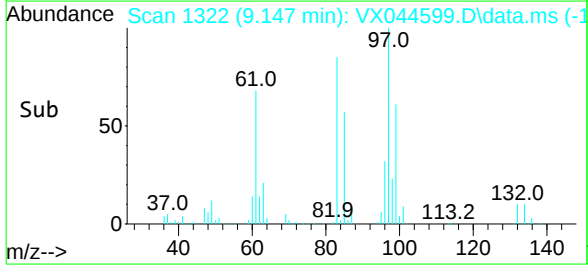
Tgt Ion:	97	Resp:	103084
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.0	102.0
85	56.7	45.4	68.0
99	60.5	48.4	72.6

Manual Integrations

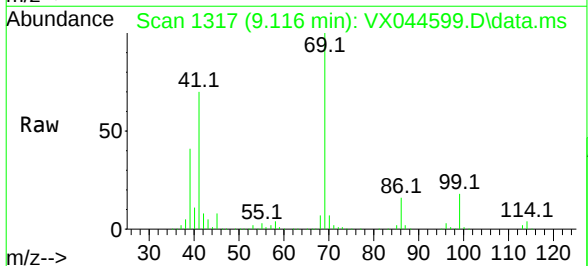
APPROVED

Reviewed By :John Carlone 01/08/2025

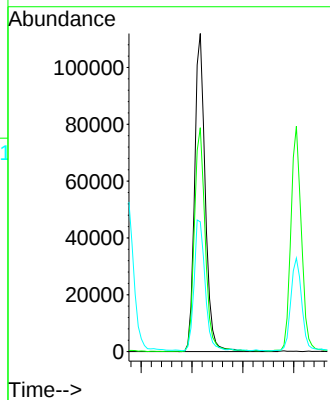
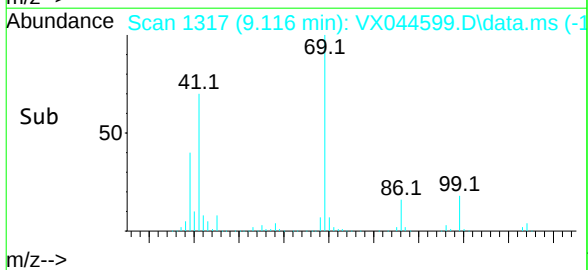
Supervised By :Mahesh Dadoda 01/08/2025

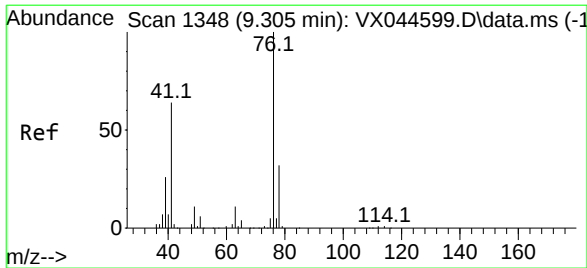


#56
 Ethyl methacrylate
 Concen: 56.713 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX044599.D
 Acq: 07 Jan 2025 11:14



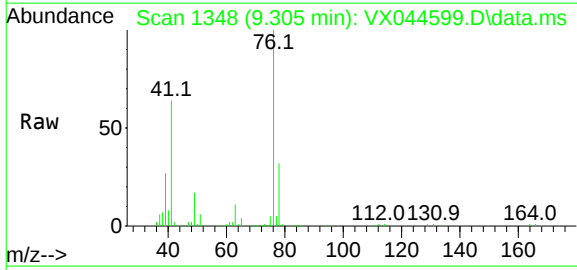
Tgt Ion:	69	Resp:	162744
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.7	86.5
39	42.1	33.7	50.5





#57
1,3-Dichloropropane
Concen: 53.900 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

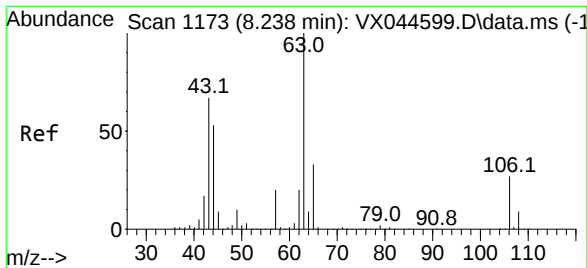
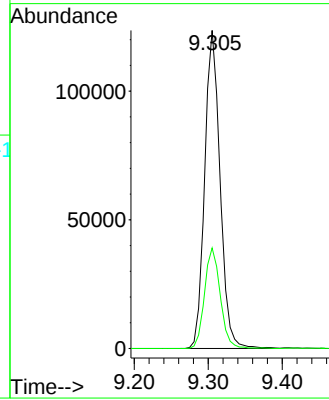
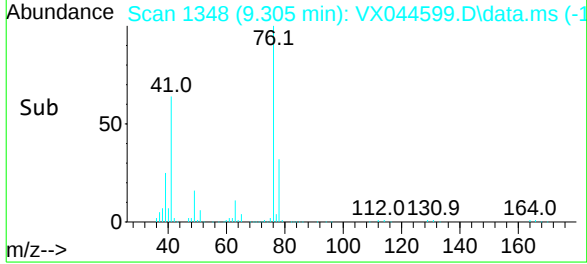
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 178595
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

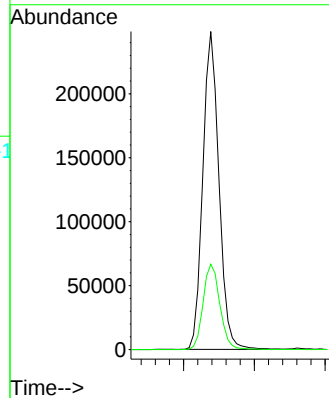
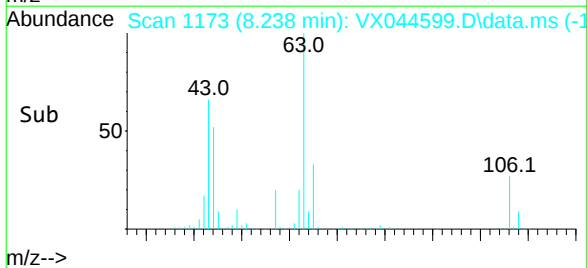
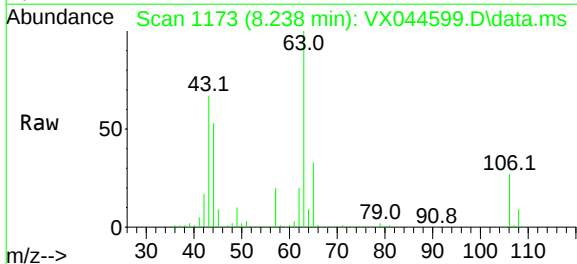
Manual Integrations
APPROVED

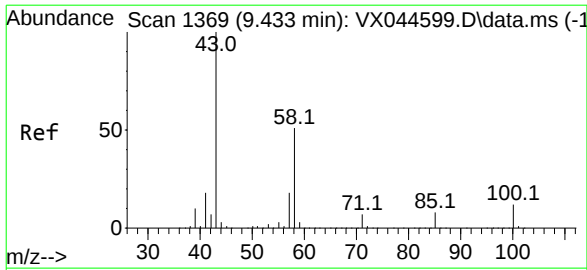
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#58
2-Chloroethyl Vinyl ether
Concen: 276.185 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 63 Resp: 392900
Ion Ratio Lower Upper
63 100
106 28.0 22.4 33.6





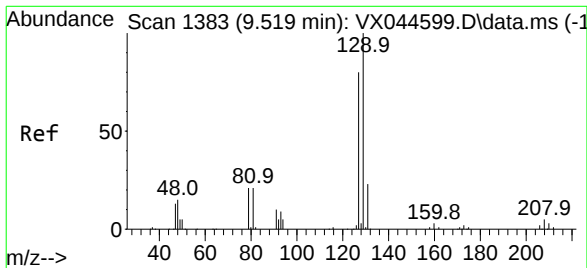
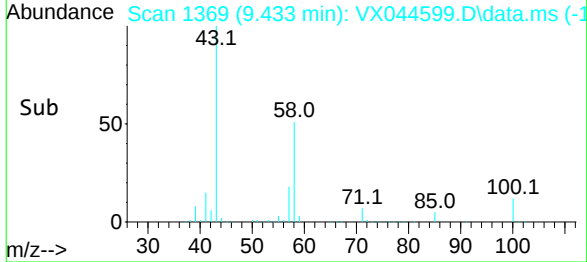
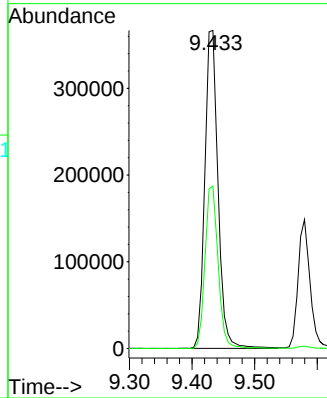
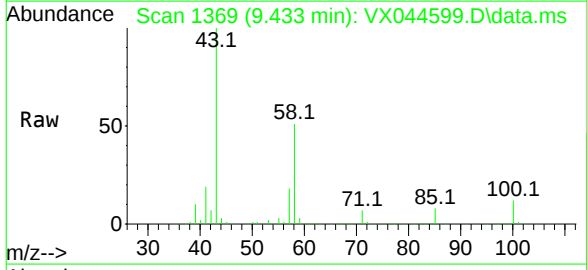
#59
2-Hexanone
Concen: 289.895 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 535861
Ion Ratio Lower Upper
43 100
58 50.9 25.4 76.4

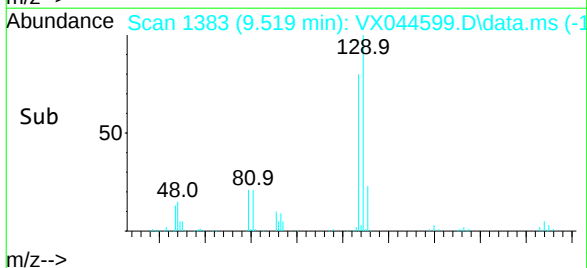
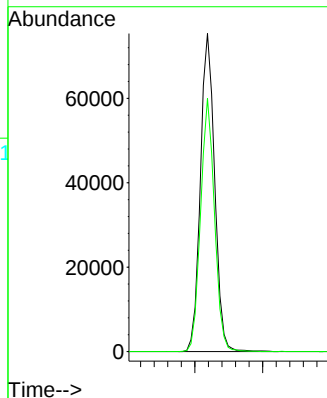
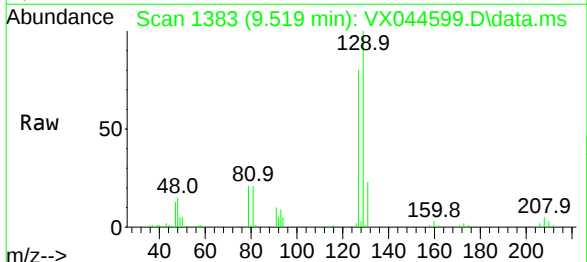
Manual Integrations
APPROVED

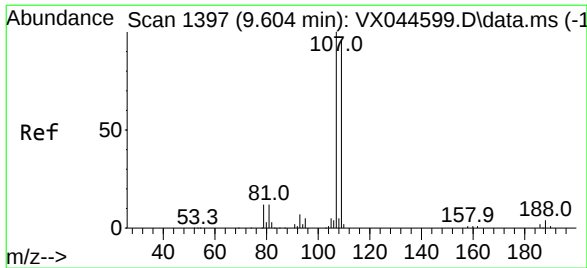
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#60
Dibromochloromethane
Concen: 55.871 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion:129 Resp: 109924
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





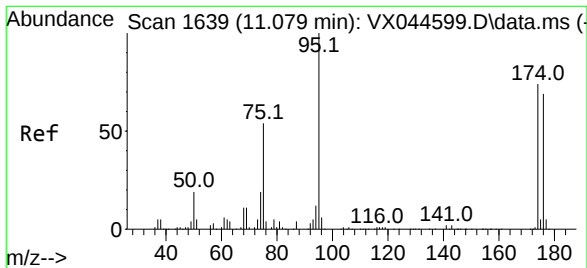
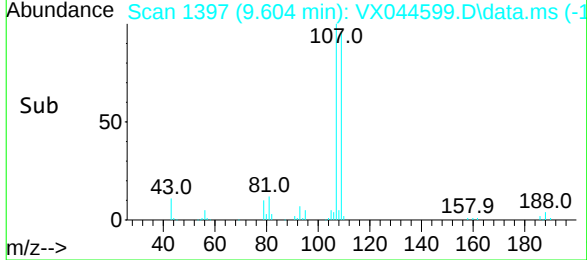
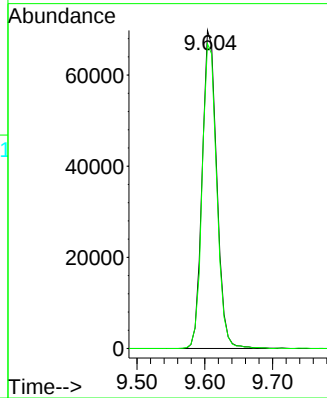
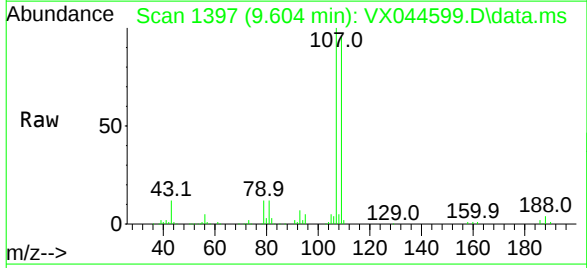
#61
1,2-Dibromoethane
Concen: 52.401 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 104426
Ion Ratio Lower Upper
107 100
109 95.9 76.7 115.1

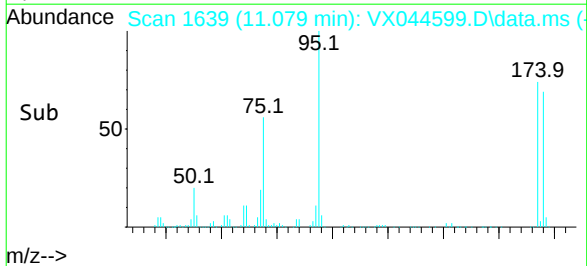
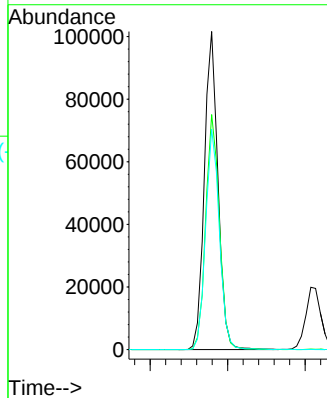
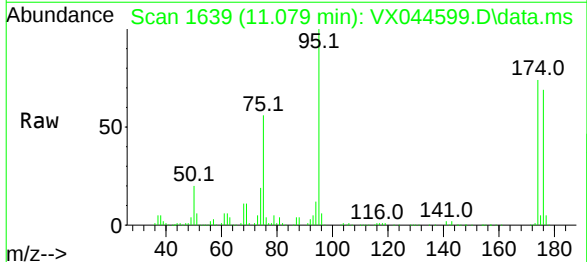
Manual Integrations
APPROVED

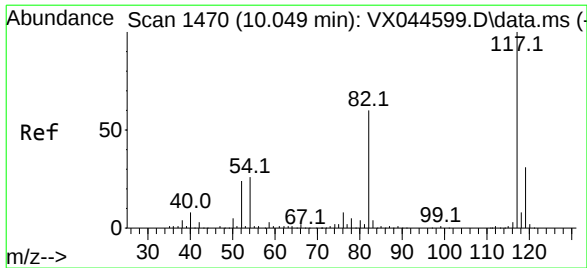
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#62
4-Bromofluorobenzene
Concen: 50.167 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 95 Resp: 123925
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.8
176 69.9 0.0 139.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

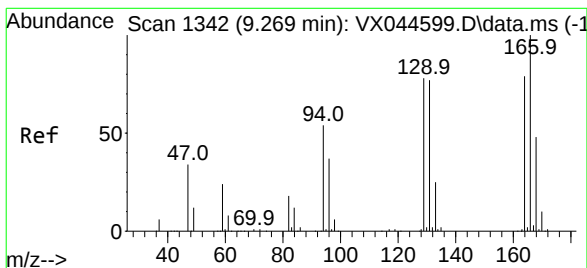
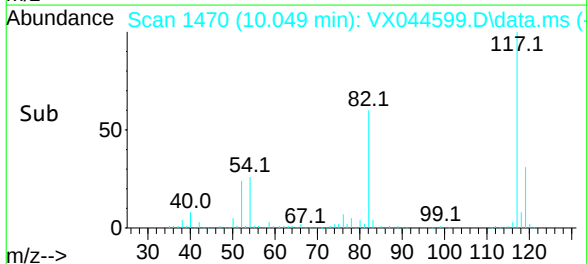
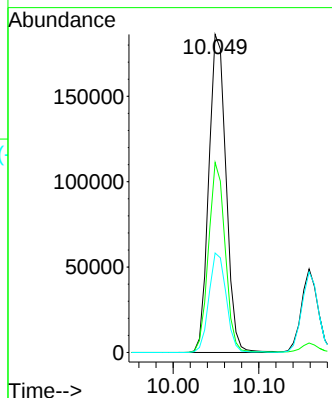
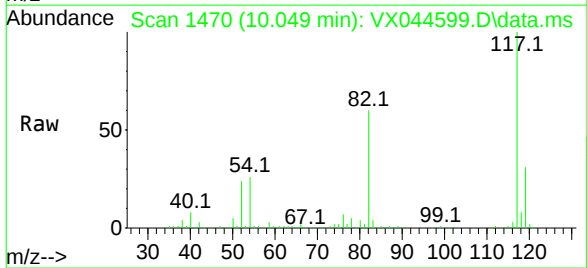
Tgt Ion:	117	Resp:	260263
Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.8	71.6
119	31.3	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#64

Tetrachloroethene

Concen: 48.910 ug/l

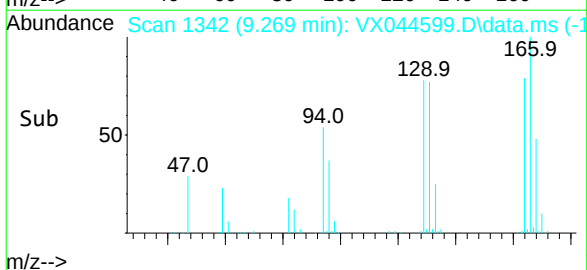
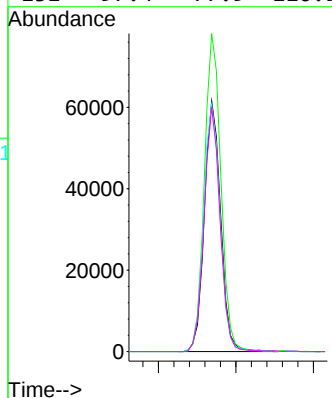
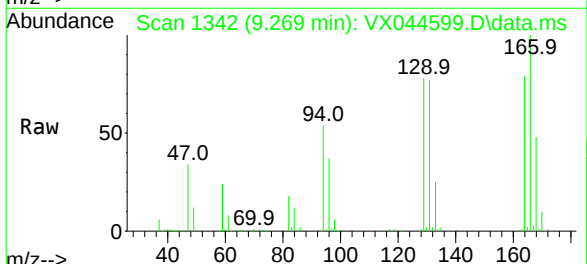
RT: 9.269 min Scan# 1342

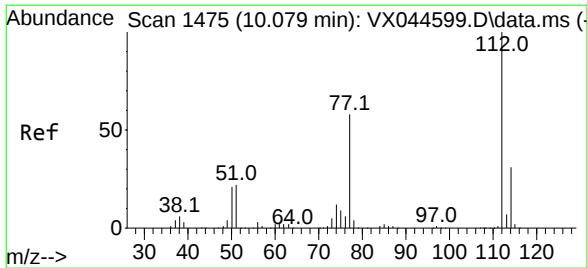
Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Tgt Ion:	164	Resp:	90002
Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.5	152.3
129	98.6	78.9	118.3
131	97.4	77.9	116.9





#65

Chlorobenzene

Concen: 51.250 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:112 Resp: 283093

Ion Ratio Lower Upper

112 100

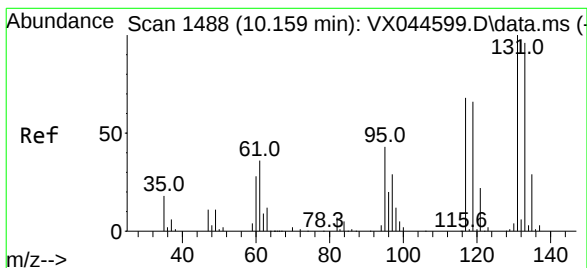
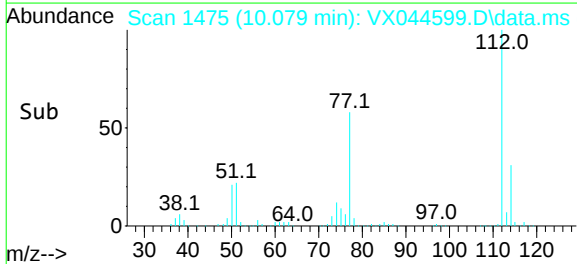
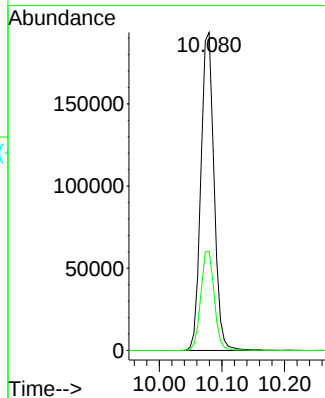
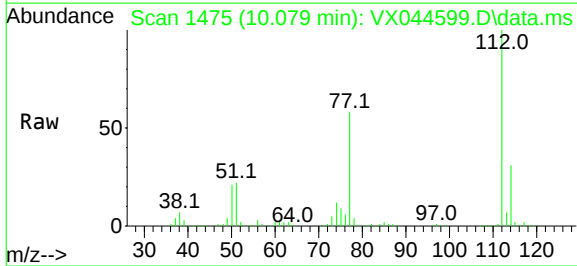
114 31.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 52.556 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

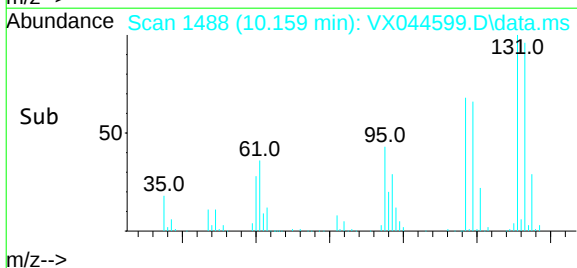
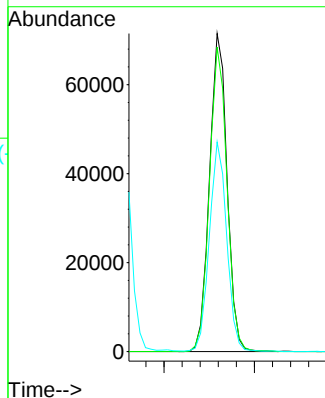
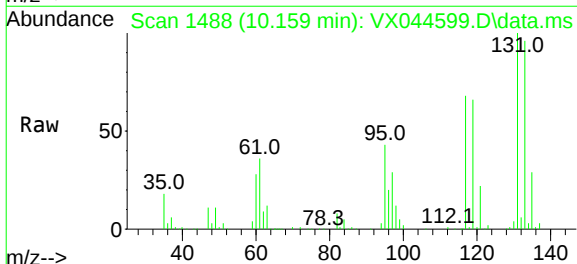
Tgt Ion:131 Resp: 96419

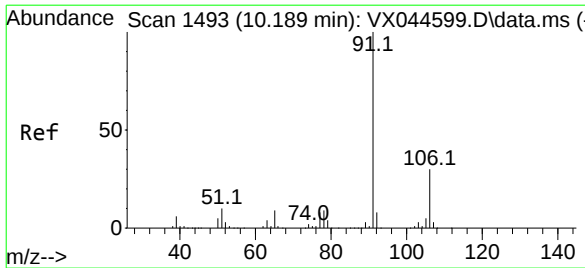
Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

119 65.6 32.8 98.4





#67

Ethyl Benzene

Concen: 52.906 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 501840

Ion Ratio Lower Upper

91 100

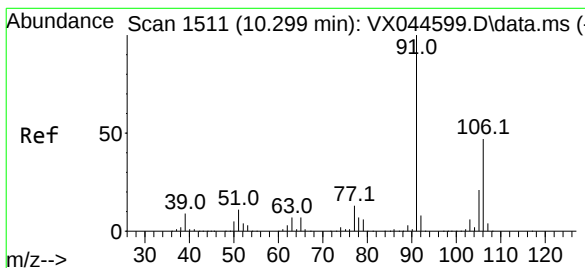
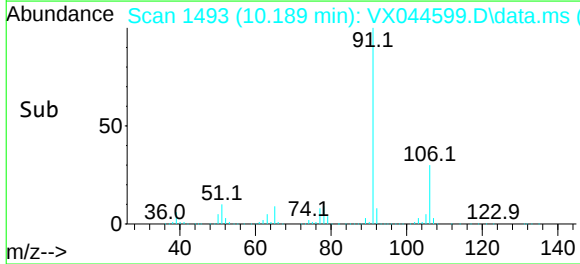
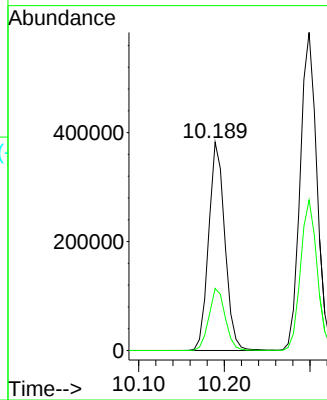
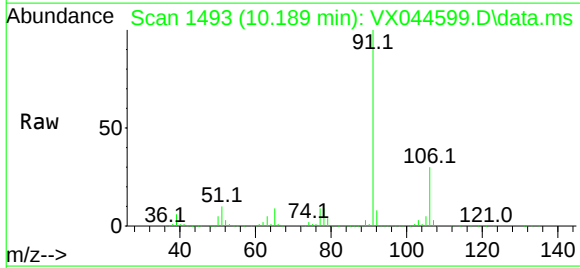
106 29.8 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#68

m/p-Xylenes

Concen: 106.805 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044599.D

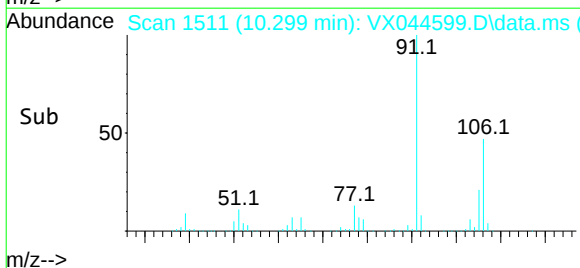
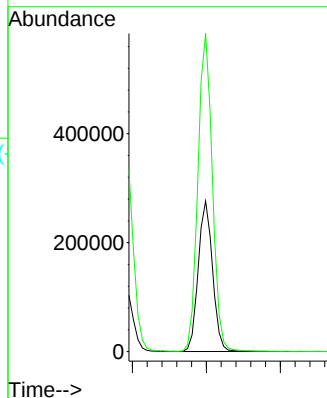
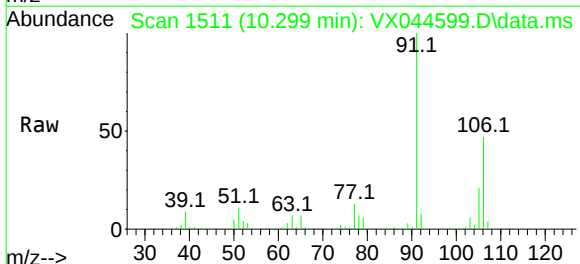
Acq: 07 Jan 2025 11:14

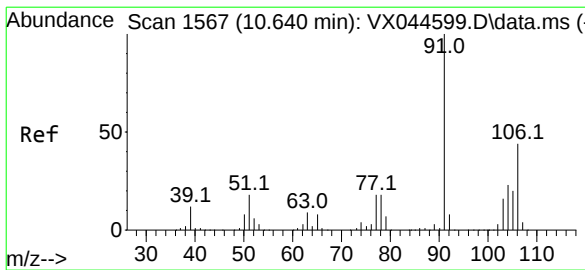
Tgt Ion:106 Resp: 372279

Ion Ratio Lower Upper

106 100

91 213.0 170.4 255.6





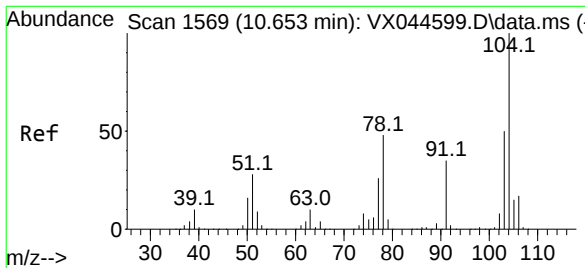
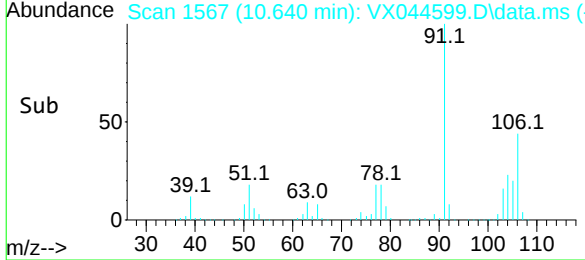
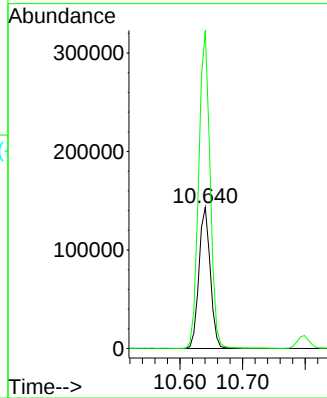
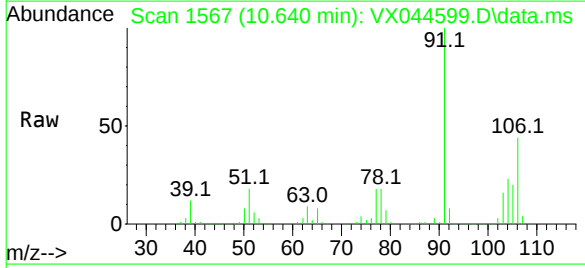
#69
o-Xylene
Concen: 51.512 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 181228
Ion Ratio Lower Upper
106 100
91 224.5 112.3 336.8

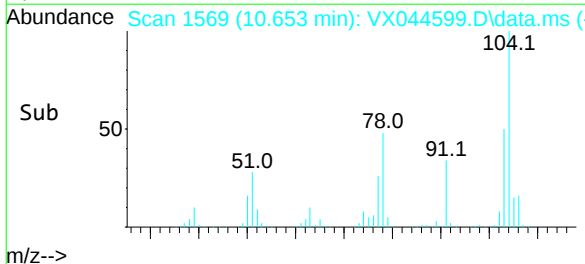
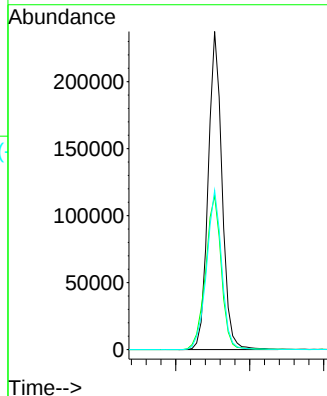
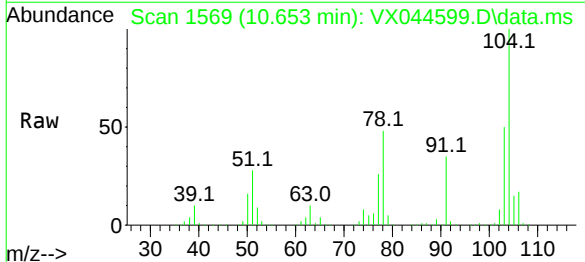
Manual Integrations
APPROVED

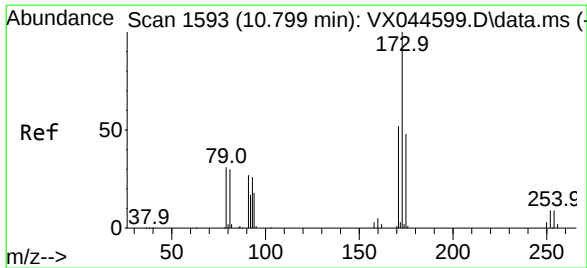
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#70
Styrene
Concen: 54.919 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion:104 Resp: 309043
Ion Ratio Lower Upper
104 100
78 55.0 44.0 66.0
103 54.7 43.8 65.6





#71

Bromoform

Concen: 50.124 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

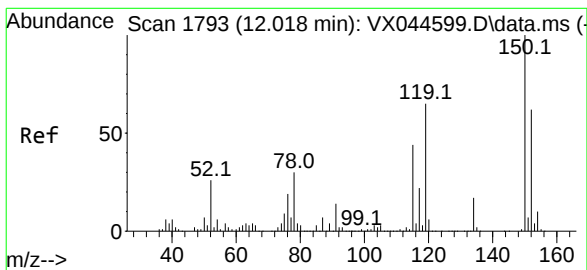
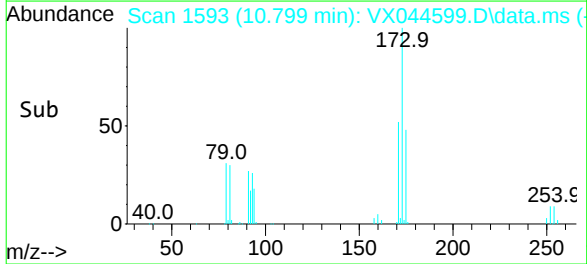
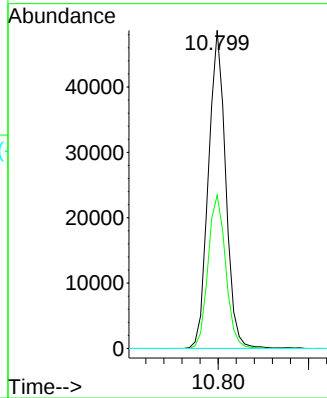
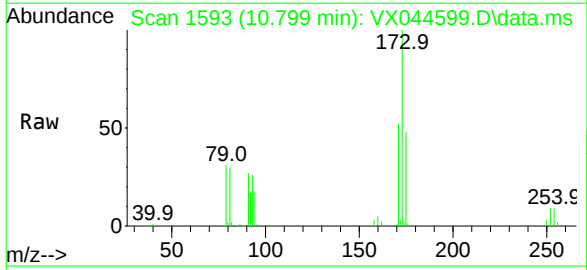
Tgt Ion:	173	Resp:	64456
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.6	73.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

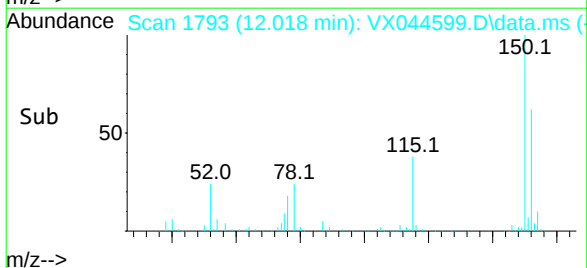
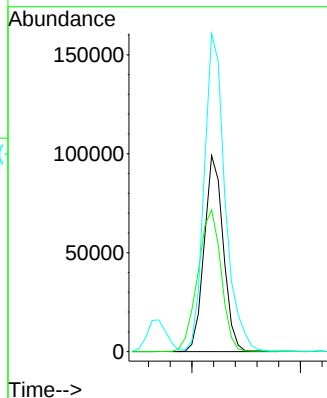
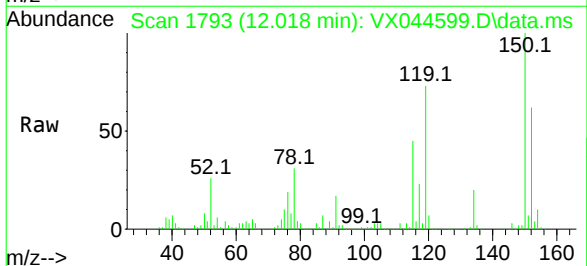
RT: 12.018 min Scan# 1793

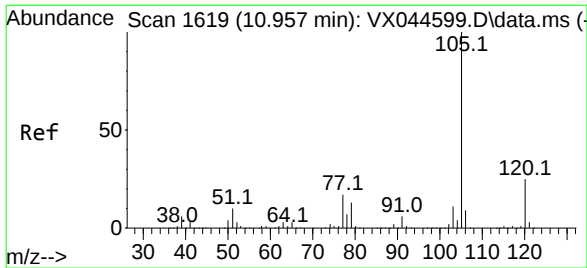
Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Tgt Ion:	152	Resp:	121154
Ion Ratio	Lower	Upper	
152	100		
115	88.7	44.4	133.1
150	177.5	0.0	355.0





#73

Isopropylbenzene

Concen: 52.439 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 470691

Ion Ratio Lower Upper

105 100

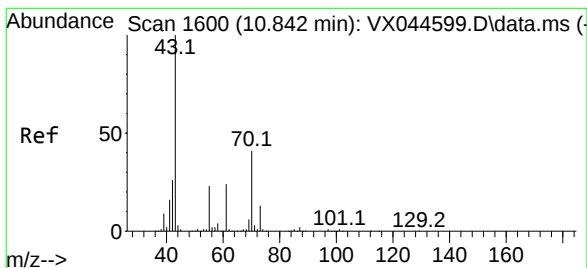
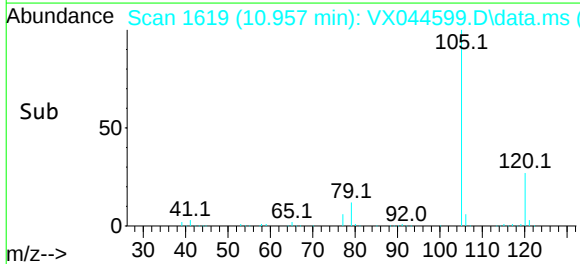
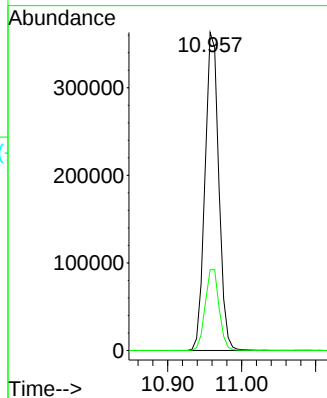
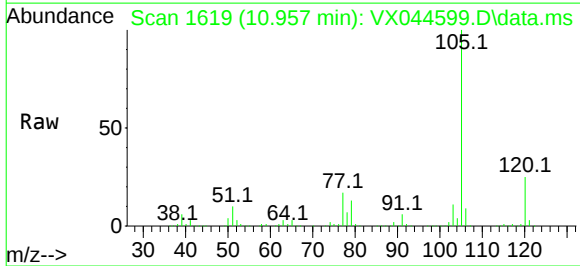
120 25.9 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#74

N-ethyl acetate

Concen: 56.857 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Tgt Ion: 43 Resp: 207077

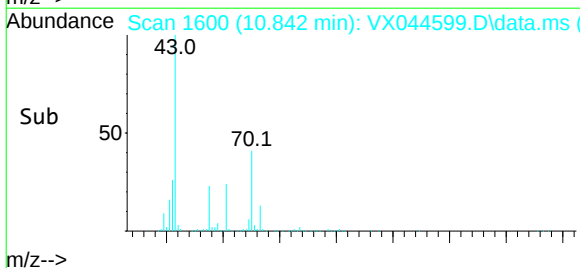
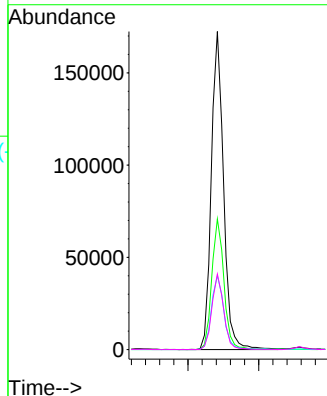
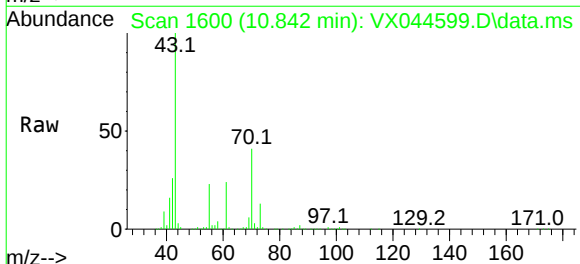
Ion Ratio Lower Upper

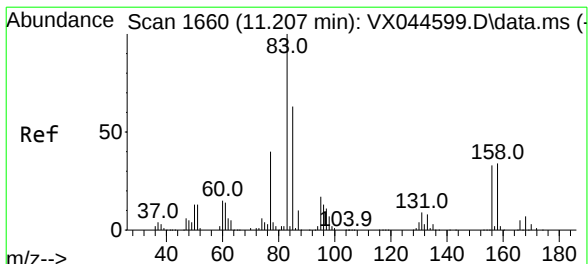
43 100

70 41.1 32.9 49.3

55 23.8 19.0 28.6

61 23.1 18.5 27.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.544 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX044599.D
 Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

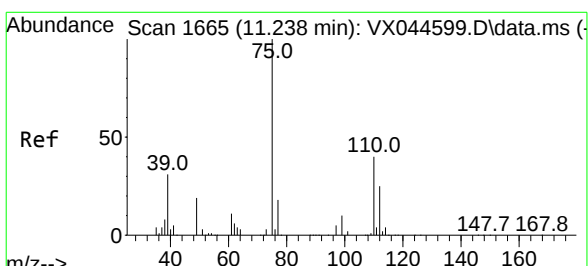
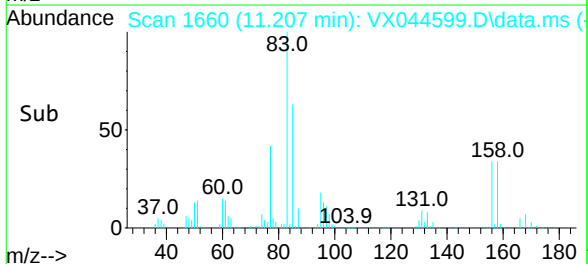
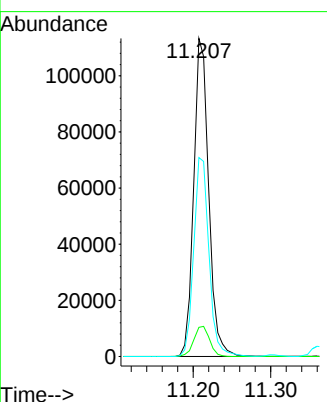
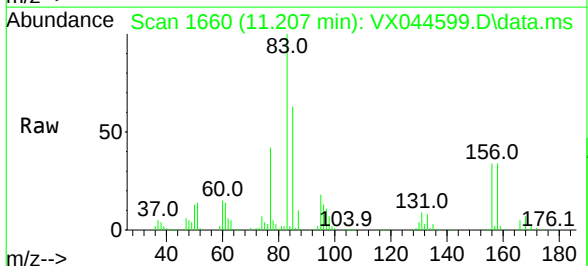
VSTDICCC050

Tgt Ion:	83	Resp:	152021
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	63.7	31.9	95.5

Manual Integrations

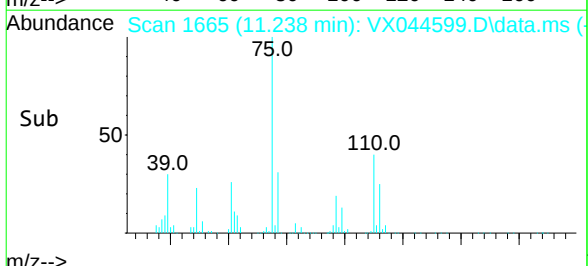
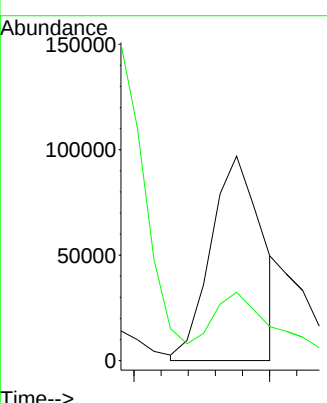
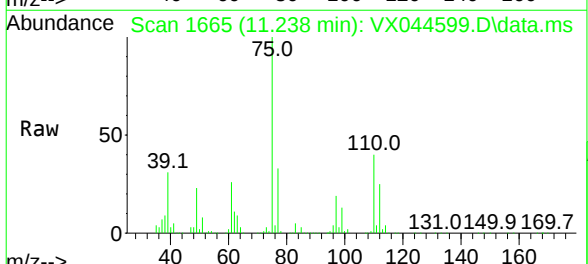
APPROVED

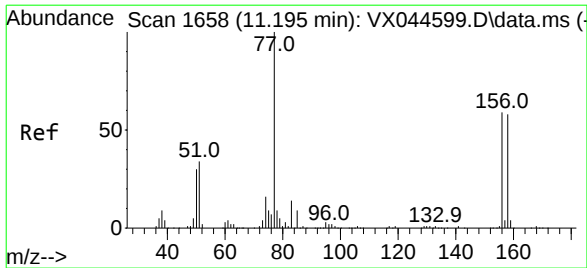
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#76
 1,2,3-Trichloropropane
 Concen: 52.024 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX044599.D
 Acq: 07 Jan 2025 11:14

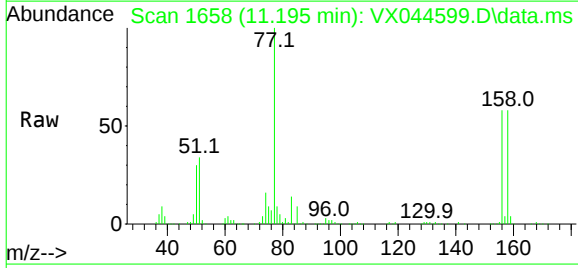
Tgt Ion:	75	Resp:	126349
Ion	Ratio	Lower	Upper
75	100		
77	42.1	21.1	63.1





#77
Bromobenzene
Concen: 51.427 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

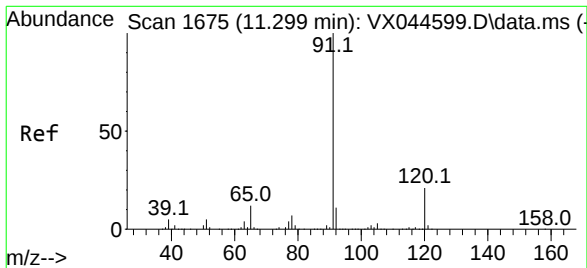
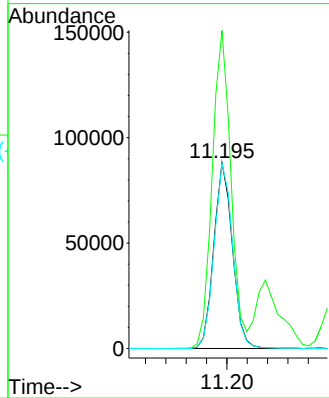
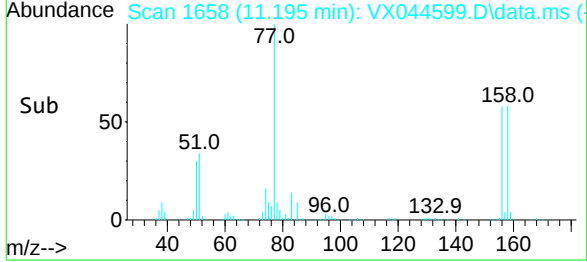
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



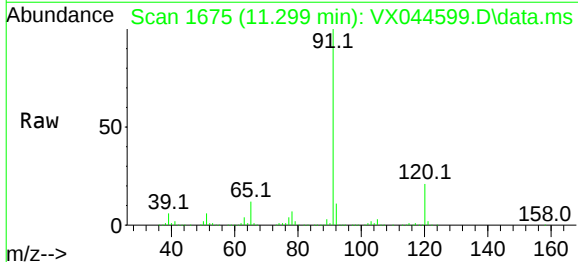
Tgt Ion:156 Resp: 112135
Ion Ratio Lower Upper
156 100
77 171.4 85.7 257.1
158 99.7 49.9 149.6

Manual Integrations
APPROVED

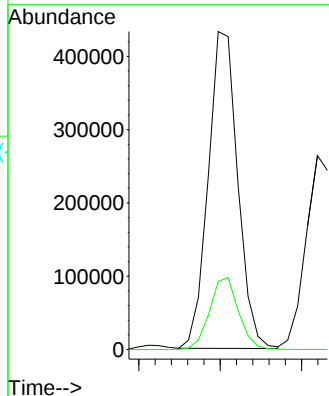
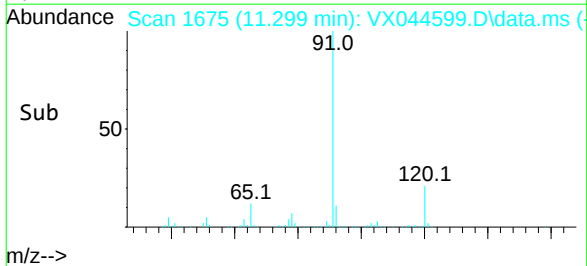
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

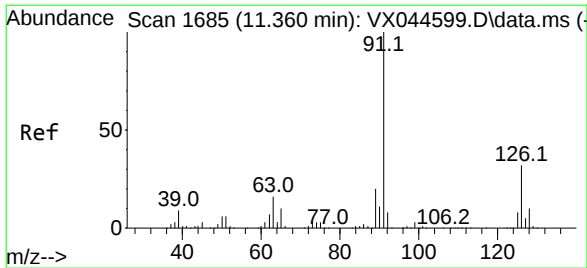


#78
n-propylbenzene
Concen: 53.936 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14



Tgt Ion: 91 Resp: 545301
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5





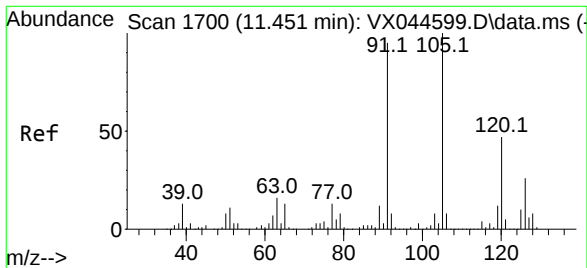
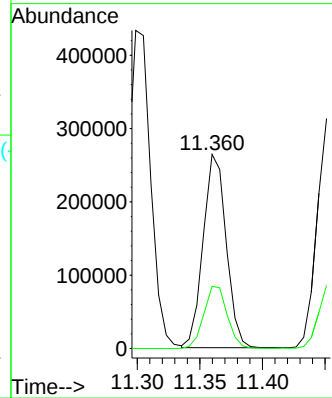
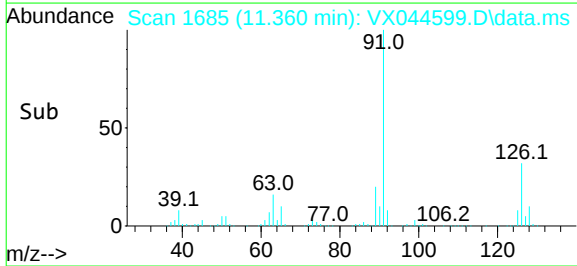
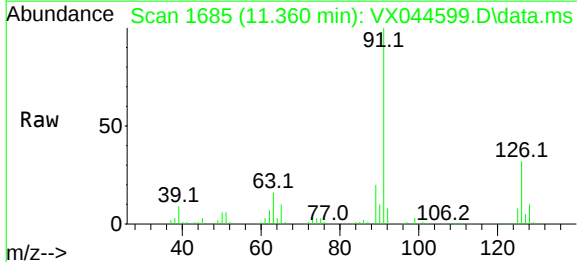
#79
2-Chlorotoluene
Concen: 51.544 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 337686
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2

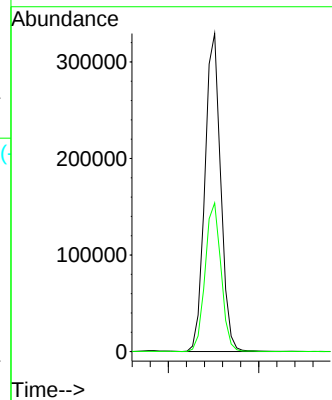
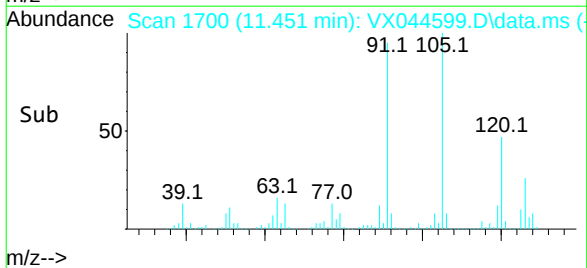
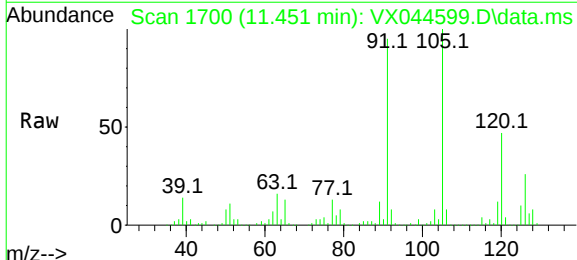
Manual Integrations
APPROVED

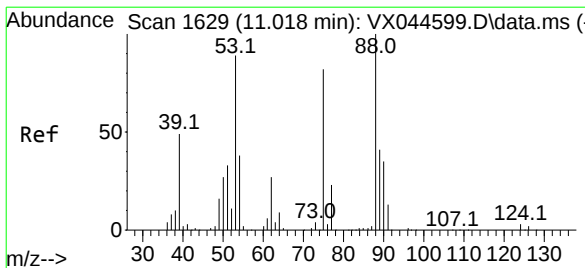
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.787 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion:105 Resp: 400300
Ion Ratio Lower Upper
105 100
120 47.0 23.5 70.5





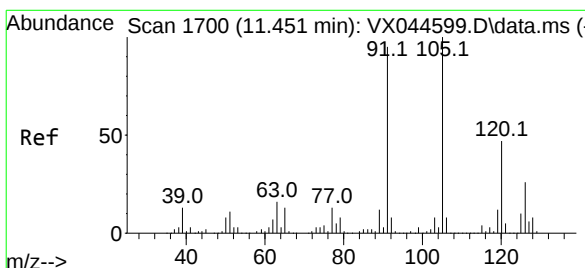
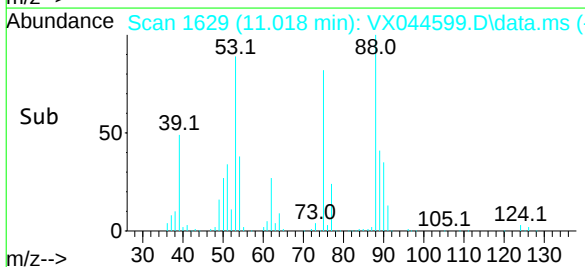
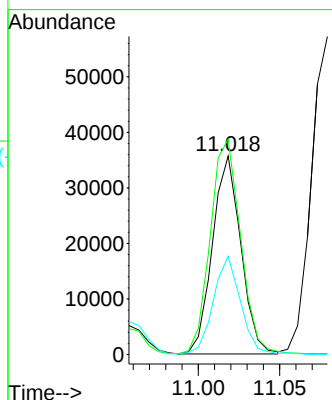
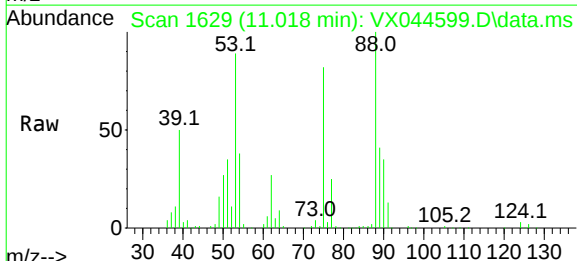
#81
trans-1,4-Dichloro-2-butene
Concen: 54.247 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 43281
Ion Ratio Lower Upper
75 100
53 115.9 92.7 139.1
89 47.9 38.3 57.5

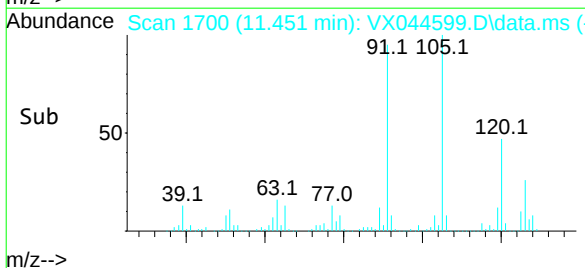
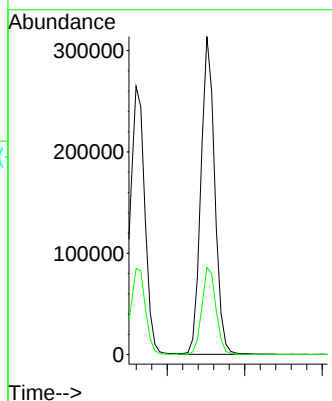
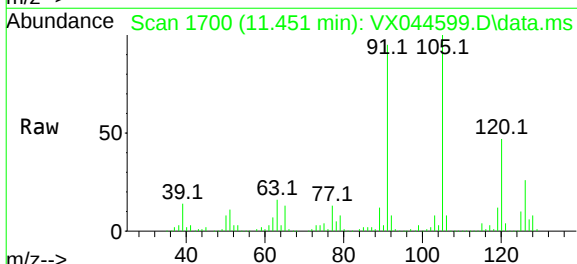
Manual Integrations
APPROVED

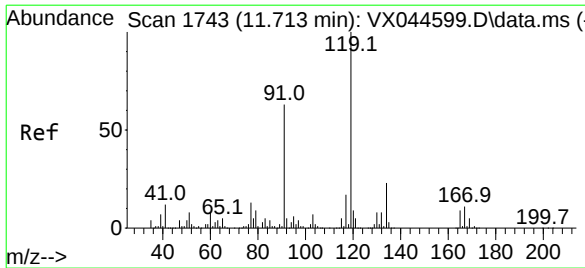
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#82
4-Chlorotoluene
Concen: 52.596 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 91 Resp: 387640
Ion Ratio Lower Upper
91 100
126 28.0 14.0 42.0





#83

tert-Butylbenzene

Concen: 52.730 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

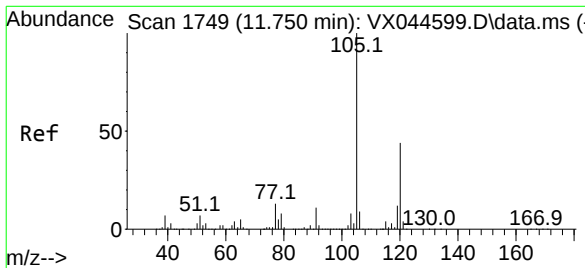
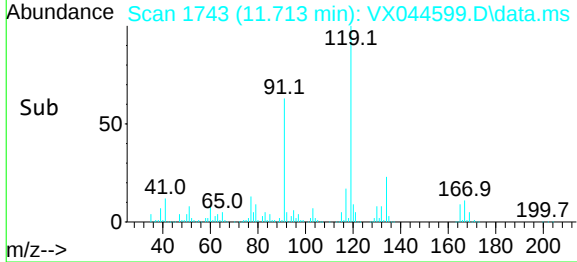
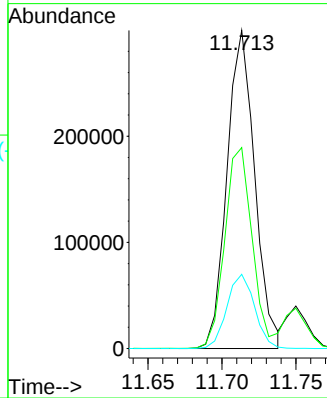
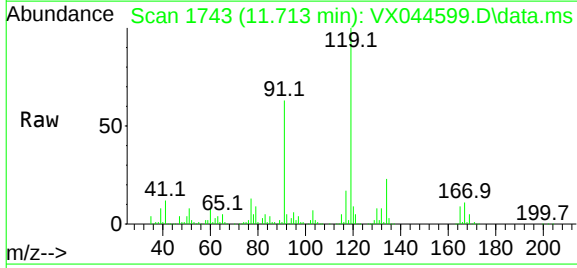
Tgt Ion:	119	Resp:	390758
Ion Ratio	Lower	Upper	
119	100		
91	61.9	30.9	92.8
134	23.3	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#84

1,2,4-Trimethylbenzene

Concen: 53.720 ug/l

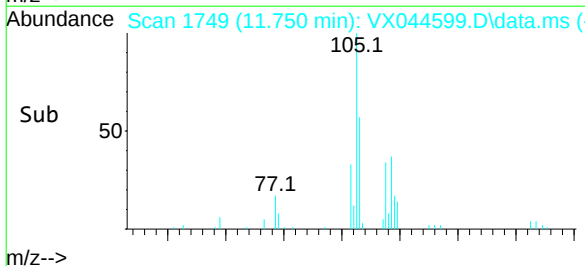
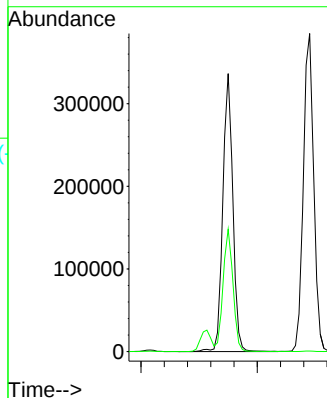
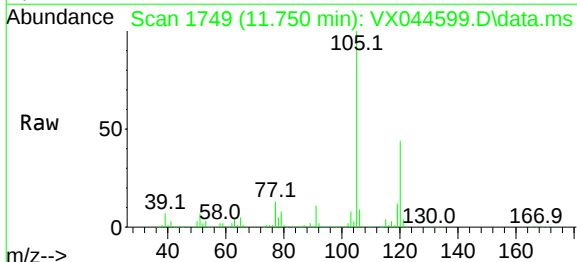
RT: 11.750 min Scan# 1749

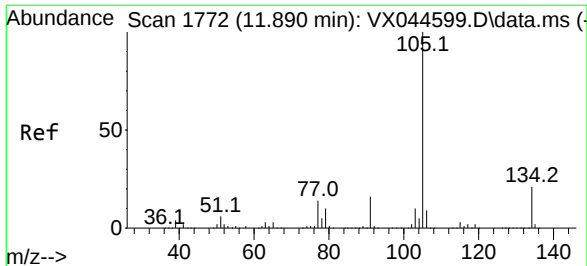
Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Tgt Ion:	105	Resp:	401606
Ion Ratio	Lower	Upper	
105	100		
120	43.8	21.9	65.7





#85

sec-Butylbenzene

Concen: 52.634 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 475025

Ion Ratio Lower Upper

105 100

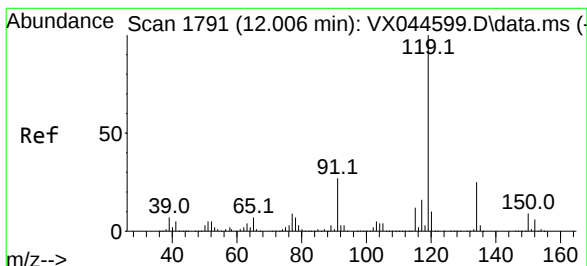
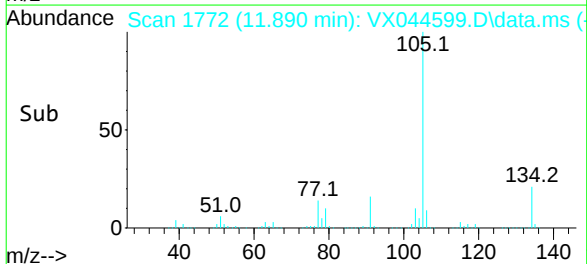
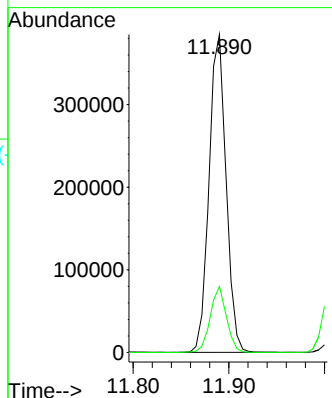
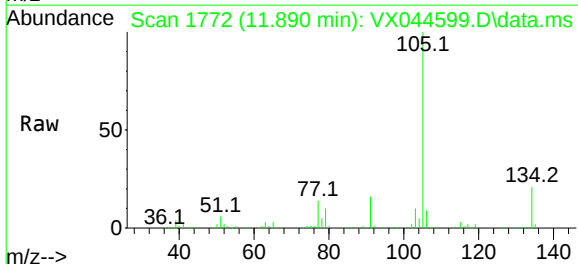
134 19.8 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#86

p-Isopropyltoluene

Concen: 53.905 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

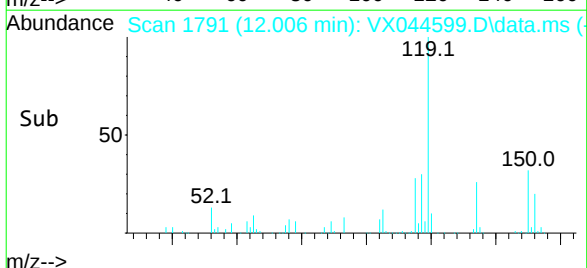
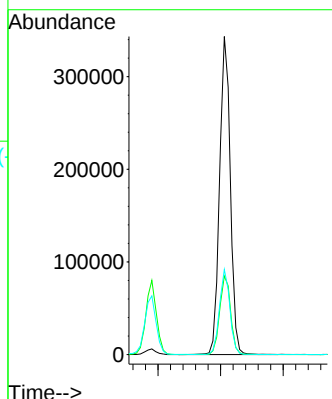
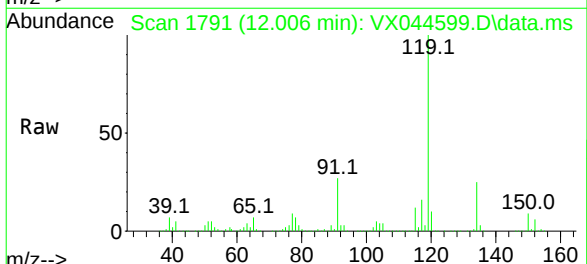
Tgt Ion:119 Resp: 408205

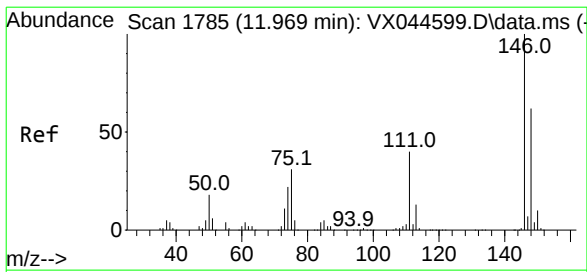
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 26.1 13.1 39.1





#87

1,3-Dichlorobenzene

Concen: 51.842 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 204488

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

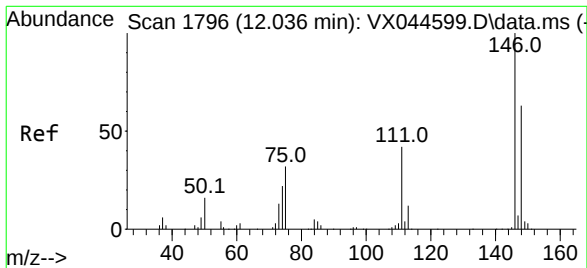
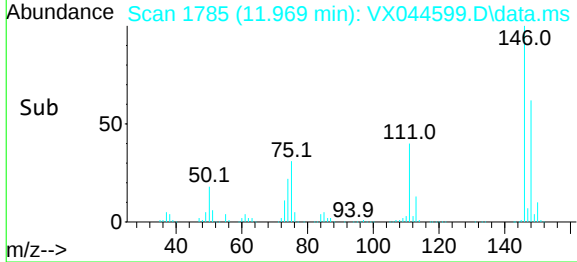
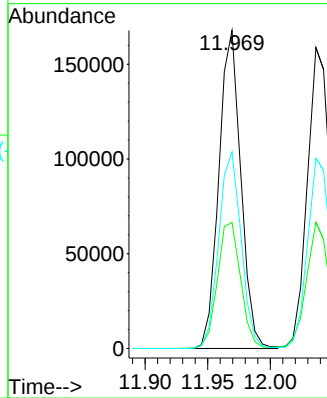
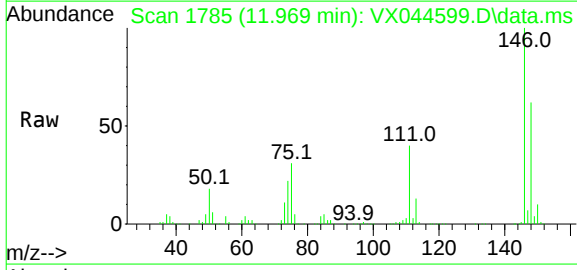
148 63.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#88

1,4-Dichlorobenzene

Concen: 49.670 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

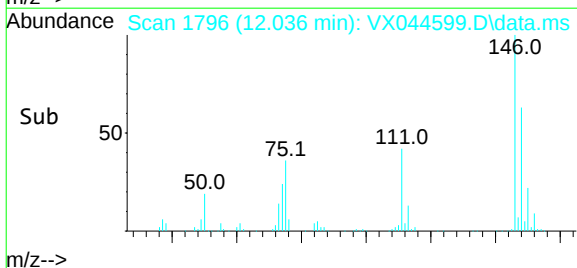
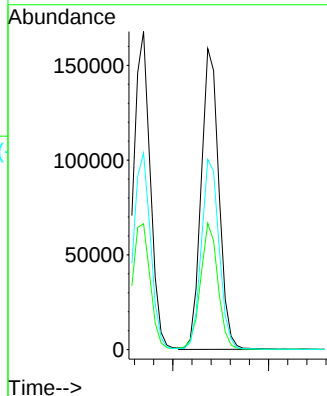
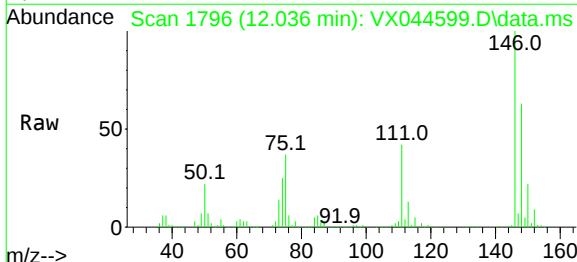
Tgt Ion:146 Resp: 204130

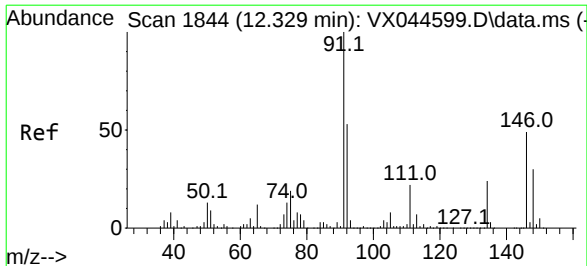
Ion Ratio Lower Upper

146 100

111 41.4 20.7 62.1

148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 55.495 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

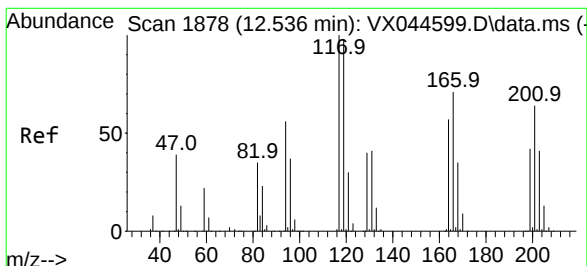
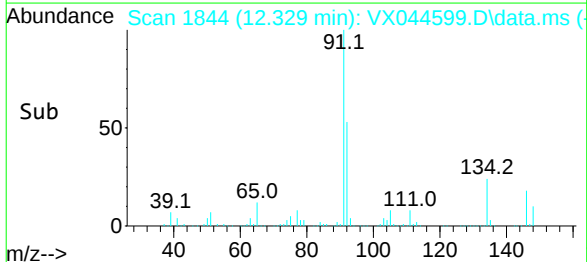
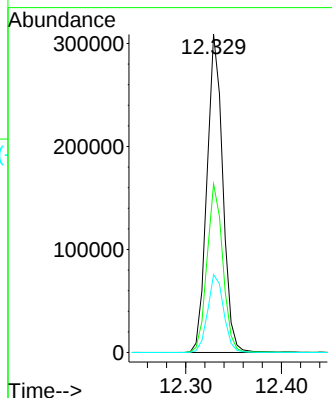
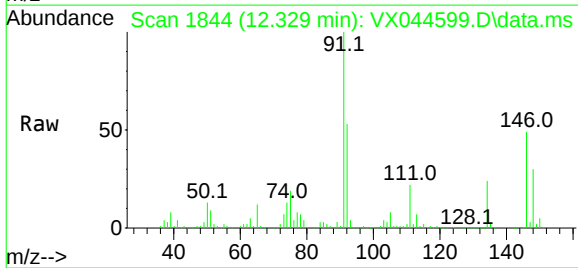
VSTDICCC050

Tgt Ion:	91	Resp:	354854
Ion Ratio	Lower	Upper	
91	100		
92	52.9	26.5	79.4
134	24.8	12.4	37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#90

Hexachloroethane

Concen: 51.608 ug/l

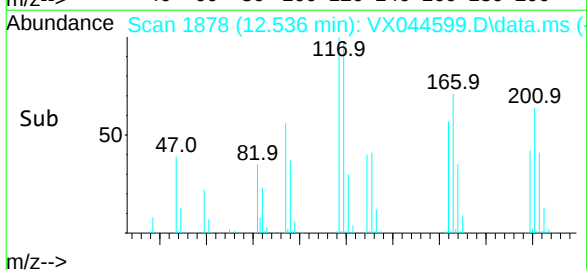
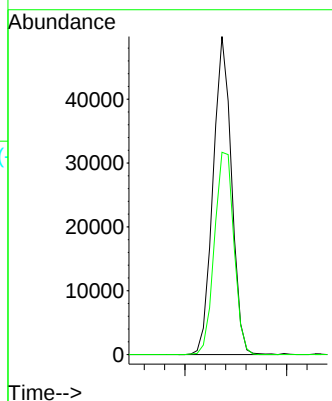
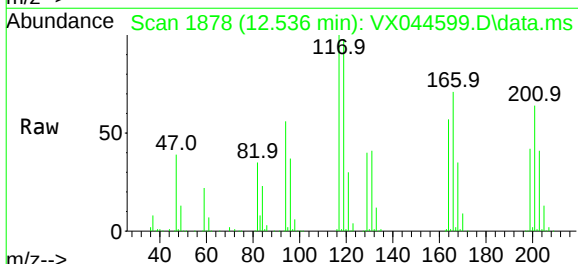
RT: 12.536 min Scan# 1878

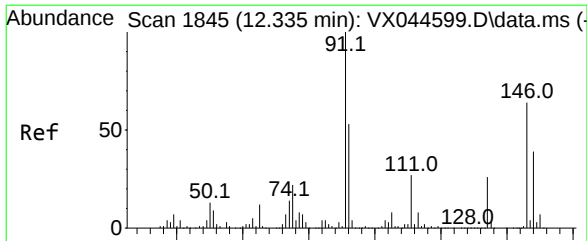
Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

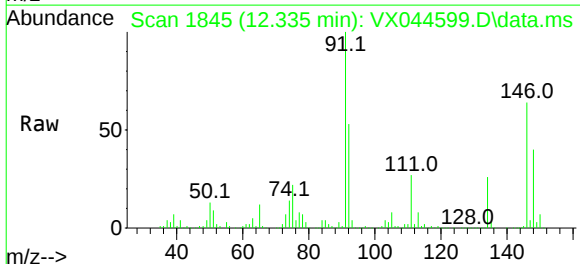
Tgt Ion:	117	Resp:	62782
Ion Ratio	Lower	Upper	
117	100		
201	67.1	33.6	100.6





#91
1,2-Dichlorobenzene
Concen: 51.646 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

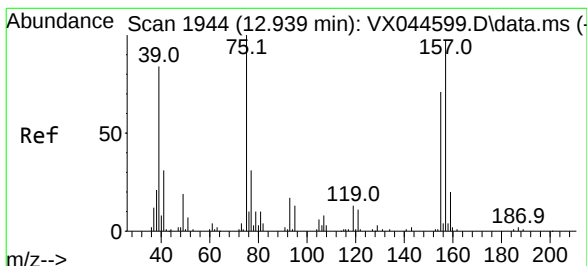
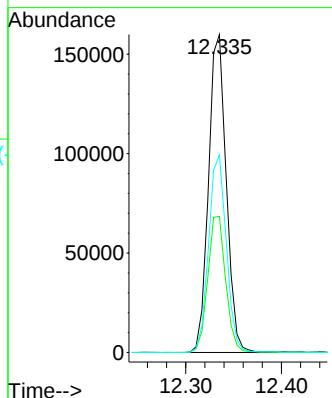
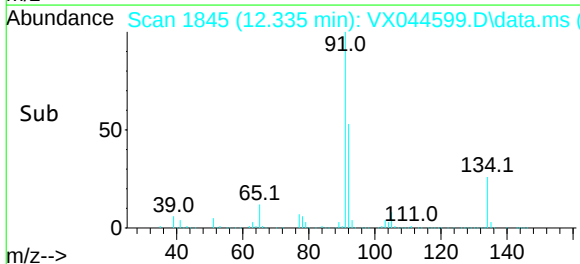
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 205860
Ion Ratio Lower Upper
146 100
111 43.6 21.8 65.4
148 62.2 31.1 93.3

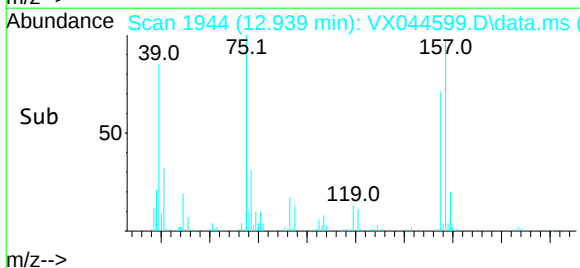
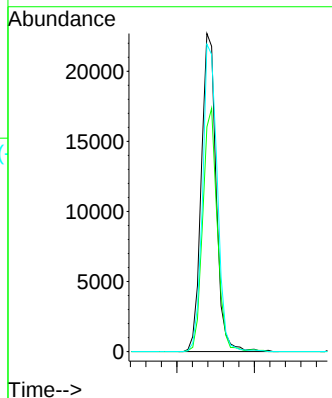
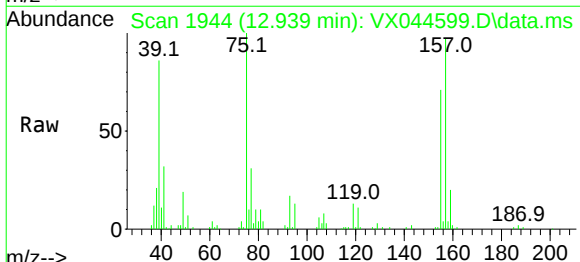
Manual Integrations
APPROVED

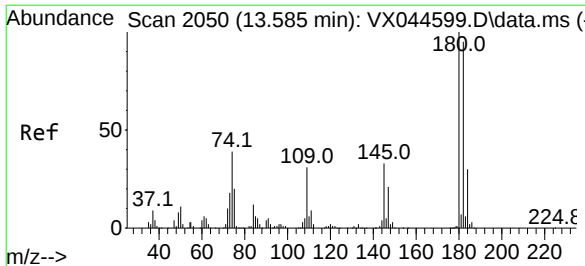
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.942 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044599.D
Acq: 07 Jan 2025 11:14

Tgt Ion: 75 Resp: 30135
Ion Ratio Lower Upper
75 100
155 74.7 37.4 112.1
157 96.1 48.0 144.2





#93

1,2,4-Trichlorobenzene

Concen: 51.442 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 120511

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

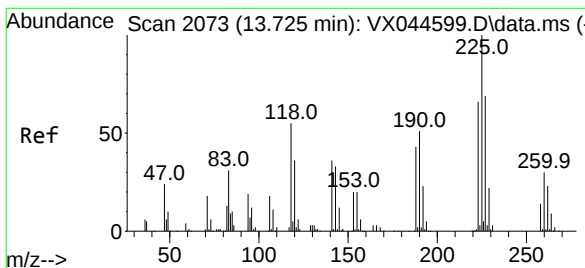
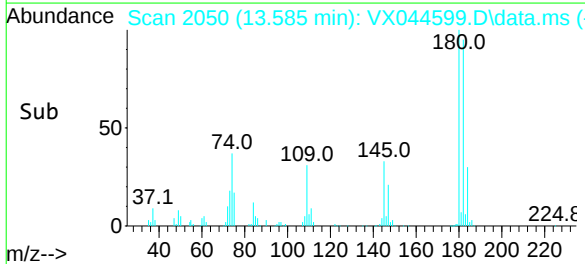
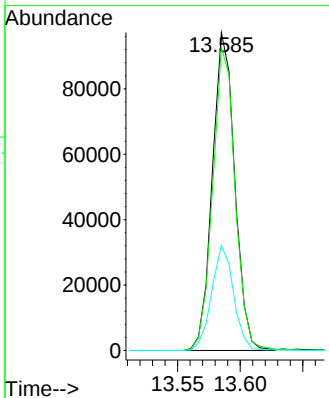
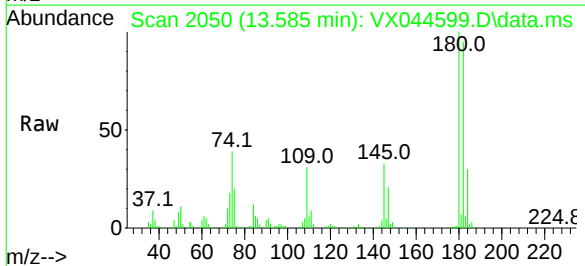
145 32.6 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#94

Hexachlorobutadiene

Concen: 50.597 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

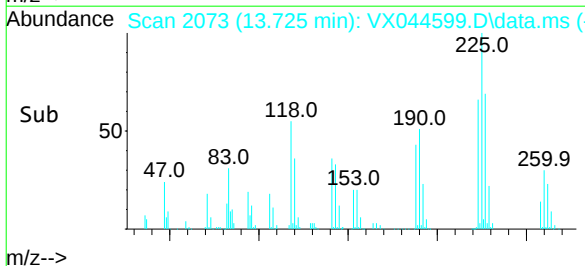
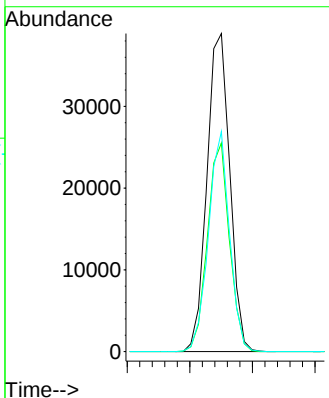
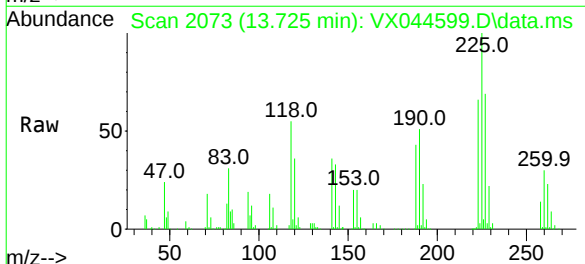
Tgt Ion:225 Resp: 49357

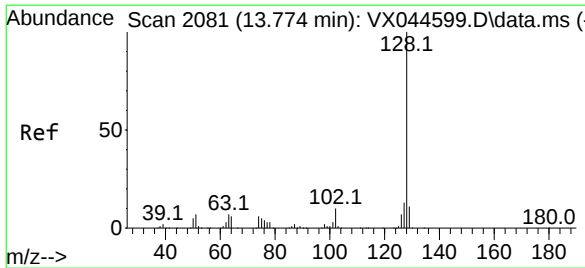
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.8

227 63.9 31.9 95.9





#95

Naphthalene

Concen: 54.539 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

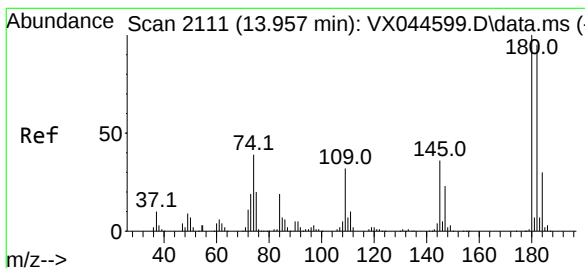
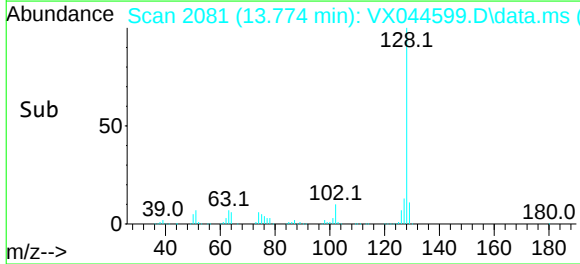
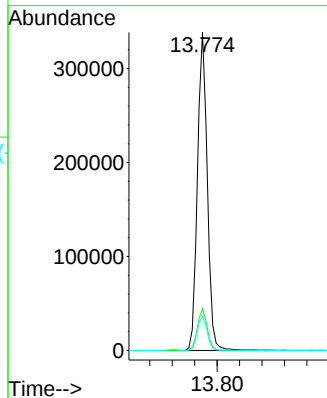
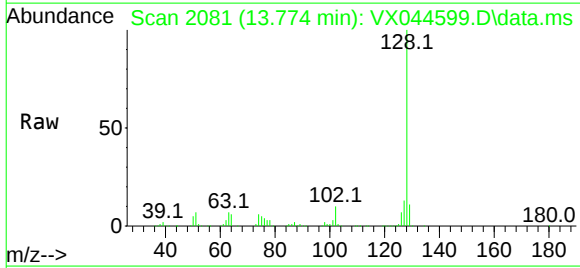
Tgt Ion:	128	Resp:	412247
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.567 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044599.D

Acq: 07 Jan 2025 11:14

Tgt Ion:	180	Resp:	123494
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.9
145	35.3	17.6	52.9

