

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045733.D
 Acq On : 11 Apr 2025 11:55
 Operator : JC/MD
 Sample : VX0411WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2025
 Supervised By : Mahesh Dadoda 04/14/2025

Quant Time: Apr 11 23:03:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	92540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163903	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85438	50.486	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.980%			
35) Dibromofluoromethane	5.379	113	58904	50.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	8.647	98	199568	49.167	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.340%			
62) 4-Bromofluorobenzene	11.079	95	74766	50.570	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	26280	18.989	ug/l	99
3) Chloromethane	1.301	50	25029	17.604	ug/l	97
4) Vinyl Chloride	1.374	62	22732	17.471	ug/l	98
5) Bromomethane	1.593	94	10370	16.809	ug/l	97
6) Chloroethane	1.666	64	13051	18.906	ug/l	98
7) Trichlorofluoromethane	1.874	101	35608	18.352	ug/l	98
8) Diethyl Ether	2.130	74	11886	18.247	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	21099	18.558	ug/l	99
10) Methyl Iodide	2.447	142	22864	16.123	ug/l	96
11) Tert butyl alcohol	2.977	59	22092	97.136	ug/l	100
12) 1,1-Dichloroethene	2.307	96	19635	17.674	ug/l	98
13) Acrolein	2.233	56	28468	90.896	ug/l	99
14) Allyl chloride	2.654	41	38178	18.112	ug/l	98
15) Acrylonitrile	3.063	53	66646	92.831	ug/l	99
16) Acetone	2.386	43	63606	91.531	ug/l	95
17) Carbon Disulfide	2.502	76	39067	14.238	ug/l	98
18) Methyl Acetate	2.703	43	33915	21.198	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	72300	18.604	ug/l	99
20) Methylene Chloride	2.782	84	23691	18.210	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	20427	17.998	ug/l	97
22) Diisopropyl ether	3.764	45	77857	18.751	ug/l	93
23) Vinyl Acetate	3.721	43	331007	92.267	ug/l	100
24) 1,1-Dichloroethane	3.605	63	42626	18.152	ug/l	98
25) 2-Butanone	4.556	43	97238	95.593	ug/l	98
26) 2,2-Dichloropropane	4.471	77	30907	20.371	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	24956	18.048	ug/l	97
28) Bromochloromethane	4.891	49	27754	24.458	ug/l	99
29) Tetrahydrofuran	5.007	42	61195	92.791	ug/l	99
30) Chloroform	5.087	83	44128	18.263	ug/l	96
31) Cyclohexane	5.458	56	35674	17.184	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	37994	18.583	ug/l	100
36) 1,1-Dichloropropene	5.684	75	27539	17.539	ug/l	99
37) Ethyl Acetate	4.715	43	35996	18.192	ug/l	100
38) Carbon Tetrachloride	5.672	117	31597	18.620	ug/l	98
39) Methylcyclohexane	7.379	83	34358	17.851	ug/l	96
40) Benzene	6.031	78	86923	18.126	ug/l	100

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 Misc : 5.0mL/MSVOA_X/WATER
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Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19757	18.924	ug/l	98
42) 1,2-Dichloroethane	6.086	62	38345	19.360	ug/l	100
43) Isopropyl Acetate	6.342	43	56572	18.864	ug/l	99
44) Trichloroethene	7.123	130	20087	17.624	ug/l	89
45) 1,2-Dichloropropane	7.428	63	22348	18.678	ug/l	92
46) Dibromomethane	7.580	93	17027	18.538	ug/l	98
47) Bromodichloromethane	7.818	83	33605	18.321	ug/l	99
48) Methyl methacrylate	7.696	41	29328	18.940	ug/l	99
49) 1,4-Dioxane	7.659	88	11671	416.596	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	195382	98.277	ug/l	100
52) Toluene	8.714	92	52911	18.235	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	28172	17.529	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	32748	18.999	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	21867	18.911	ug/l	94
56) Ethyl methacrylate	9.116	69	34930	19.520	ug/l	99
57) 1,3-Dichloropropane	9.305	76	39057	19.398	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	93610	103.408	ug/l	100
59) 2-Hexanone	9.427	43	148152	100.631	ug/l	98
60) Dibromochloromethane	9.519	129	23294	18.479	ug/l	98
61) 1,2-Dibromoethane	9.610	107	21821	18.642	ug/l	100
64) Tetrachloroethene	9.269	164	19066	19.167	ug/l	98
65) Chlorobenzene	10.073	112	57085	18.962	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	19355	18.518	ug/l	98
67) Ethyl Benzene	10.189	91	102213	18.957	ug/l	98
68) m/p-Xylenes	10.299	106	73917	37.692	ug/l	97
69) o-Xylene	10.640	106	36919	19.111	ug/l	95
70) Styrene	10.653	104	61692	19.348	ug/l	98
71) Bromoform	10.799	173	13988	17.924	ug/l #	97
73) Isopropylbenzene	10.957	105	98461	18.994	ug/l	99
74) N-amyl acetate	10.842	43	49056	19.784	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35200	19.330	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30476m	19.306	ug/l	
77) Bromobenzene	11.195	156	22387	18.691	ug/l	97
78) n-propylbenzene	11.299	91	114109	19.111	ug/l	98
79) 2-Chlorotoluene	11.360	91	72587	19.016	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	82627	19.276	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8026	17.256	ug/l	93
82) 4-Chlorotoluene	11.451	91	80441	18.901	ug/l	99
83) tert-Butylbenzene	11.713	119	81916	19.303	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	83790	19.476	ug/l	99
85) sec-Butylbenzene	11.890	105	100614	19.303	ug/l	100
86) p-Isopropyltoluene	12.006	119	82019	19.086	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	41097	18.850	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	42067	19.032	ug/l	98
89) n-Butylbenzene	12.329	91	69149	18.556	ug/l	99
90) Hexachloroethane	12.536	117	13478	18.250	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	41989	19.371	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7494	19.678	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	22029	18.258	ug/l	98
94) Hexachlorobutadiene	13.725	225	9827	18.901	ug/l	98
95) Naphthalene	13.774	128	86221	19.203	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	23835	18.866	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

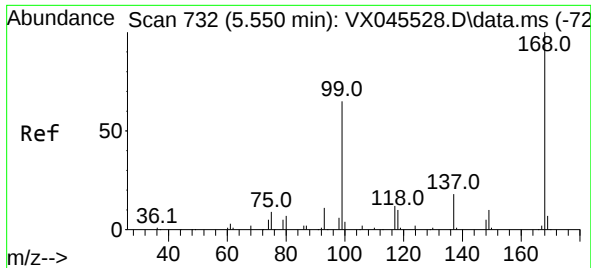
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

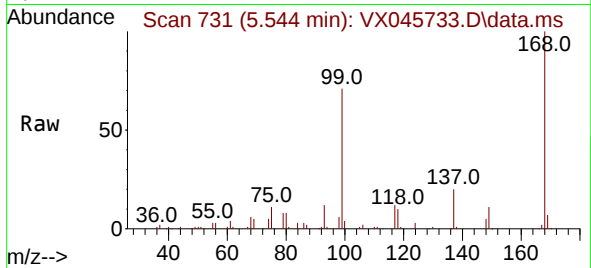
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

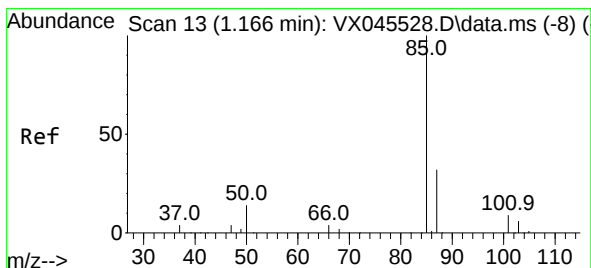
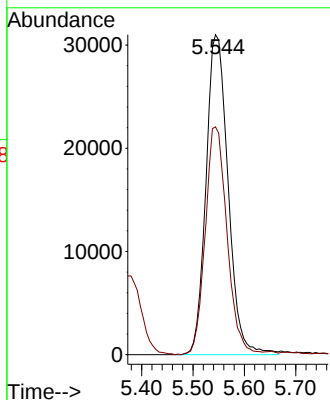
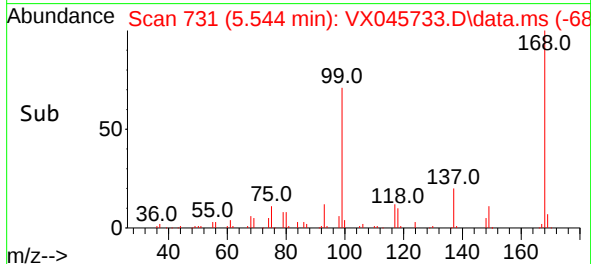
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



Tgt Ion:168 Resp: 92540
Ion Ratio Lower Upper
168 100
99 71.0 52.3 78.5

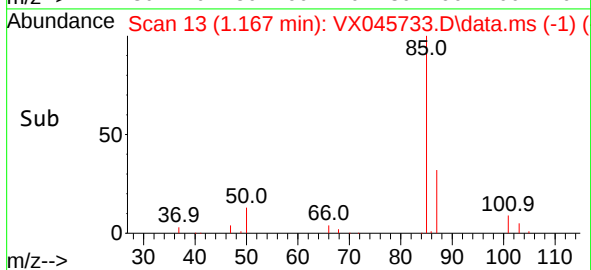
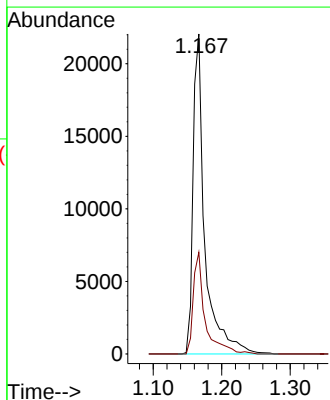
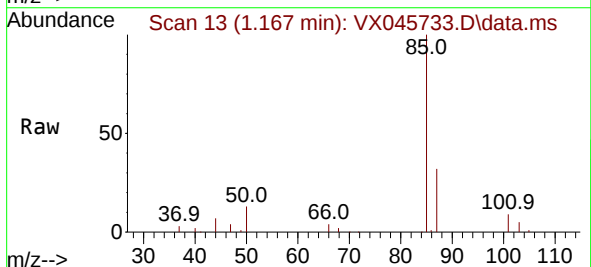
Manual Integrations
APPROVED

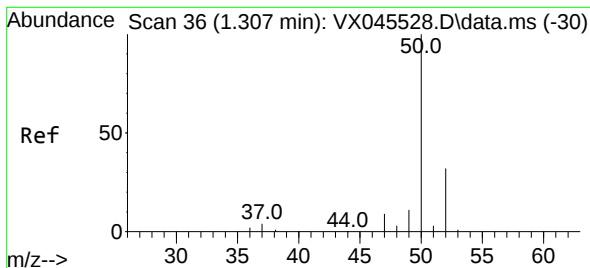
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#2
Dichlorodifluoromethane
Concen: 18.989 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

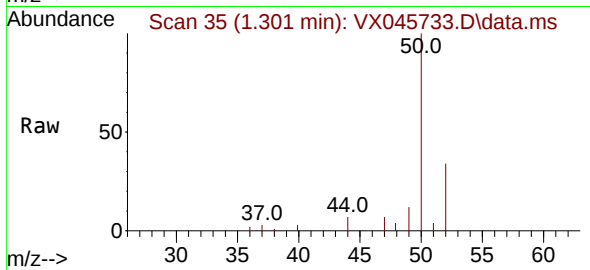
Tgt Ion: 85 Resp: 26280
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2





#3
Chloromethane
Concen: 17.604 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

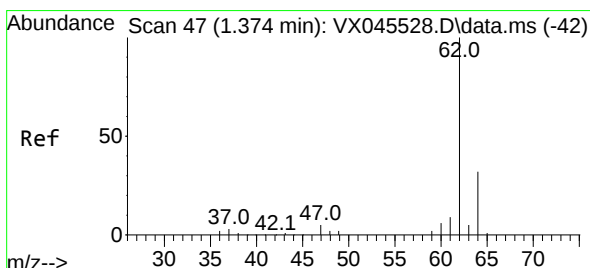
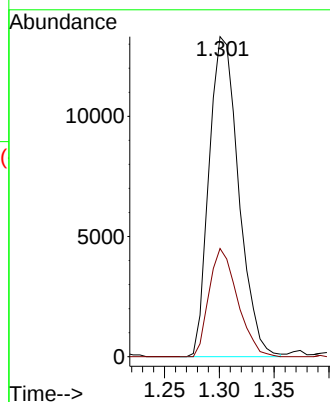
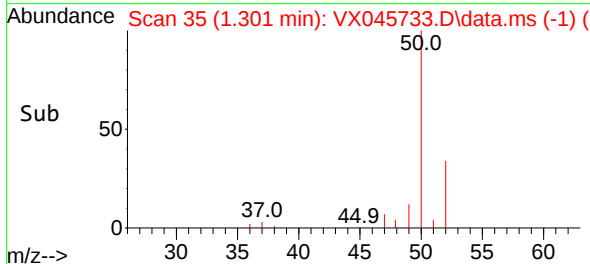
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



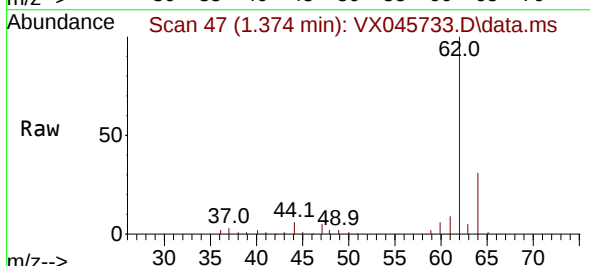
Tgt Ion: 50 Resp: 25029
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9

Manual Integrations
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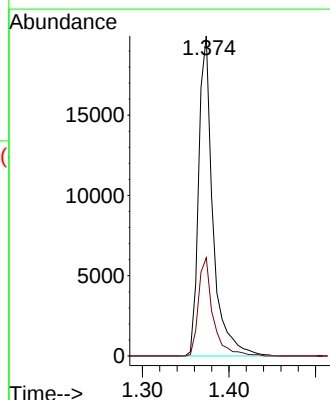
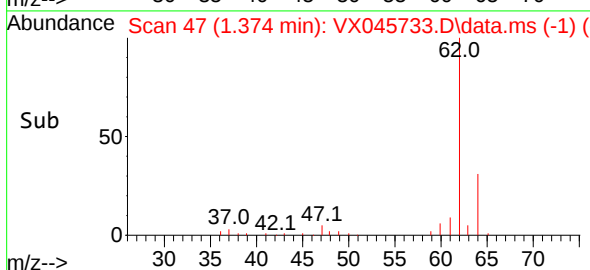
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

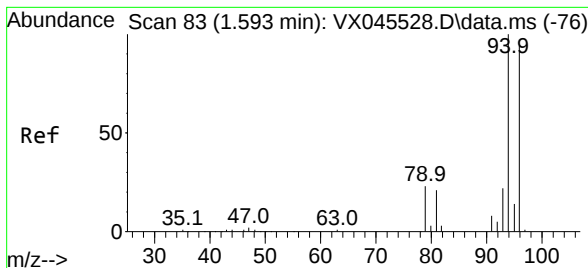


#4
Vinyl Chloride
Concen: 17.471 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55



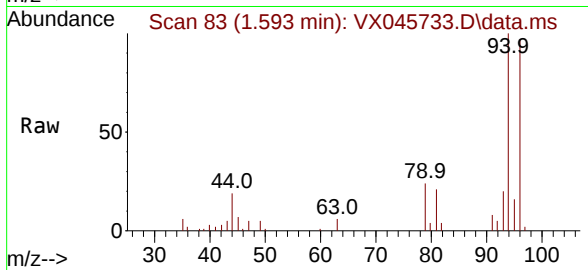
Tgt Ion: 62 Resp: 22732
Ion Ratio Lower Upper
62 100
64 30.7 25.5 38.3





#5
Bromomethane
Concen: 16.809 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

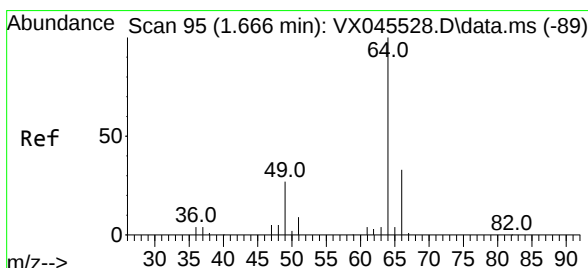
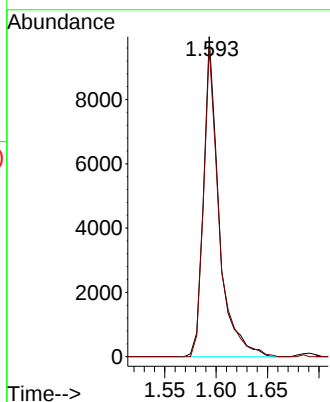
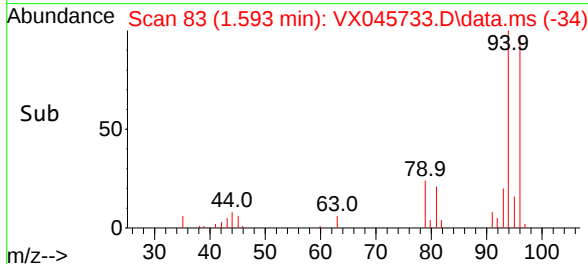
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



Tgt Ion: 94 Resp: 10370
Ion Ratio Lower Upper
94 100
96 96.7 74.8 112.2

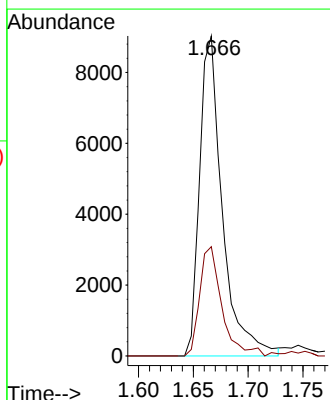
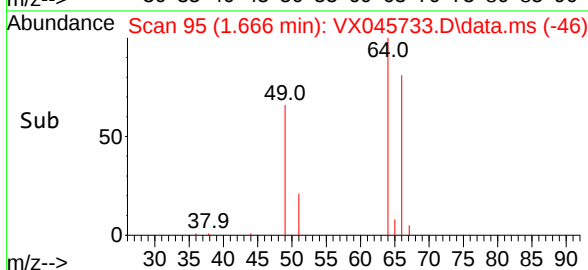
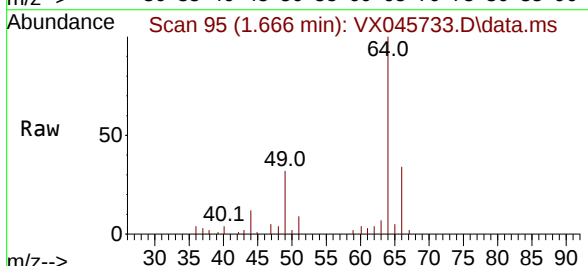
Manual Integrations
APPROVED

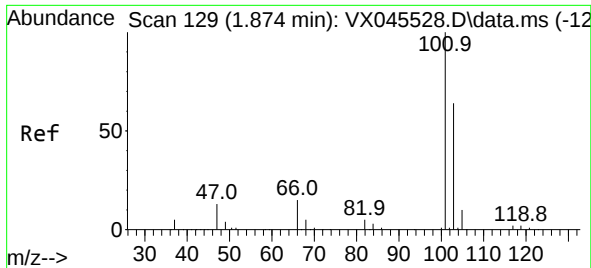
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#6
Chloroethane
Concen: 18.906 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

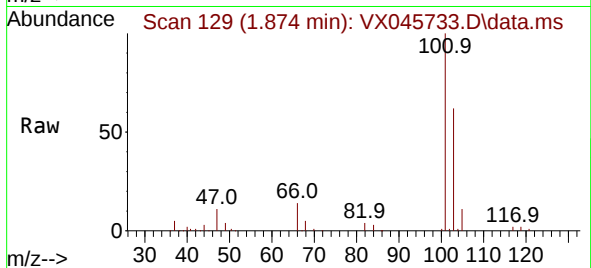
Tgt Ion: 64 Resp: 13051
Ion Ratio Lower Upper
64 100
66 34.1 26.3 39.5





#7
Trichlorofluoromethane
Concen: 18.352 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

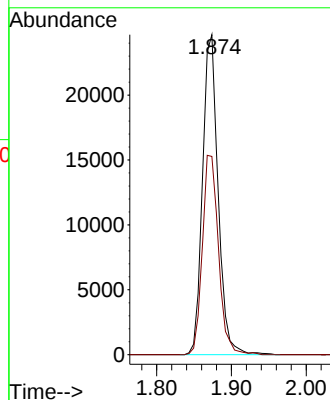
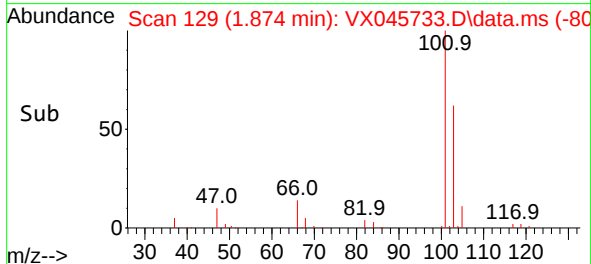
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



Tgt Ion:101 Resp: 35608
Ion Ratio Lower Upper
101 100
103 62.0 51.1 76.7

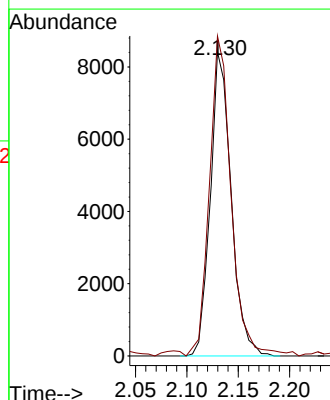
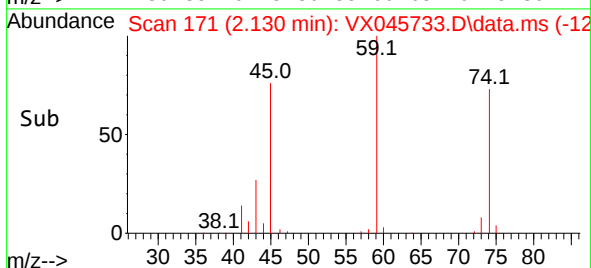
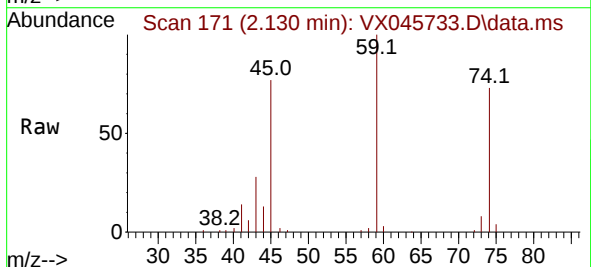
Manual Integrations
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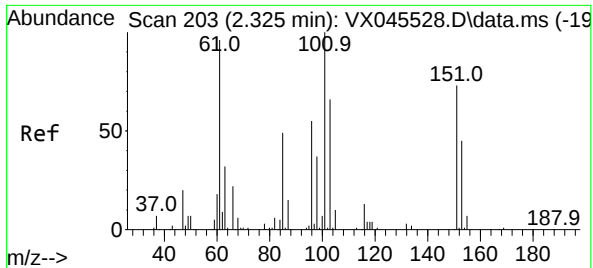
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#8
Diethyl Ether
Concen: 18.247 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Tgt Ion: 74 Resp: 11886
Ion Ratio Lower Upper
74 100
45 109.2 53.0 159.1





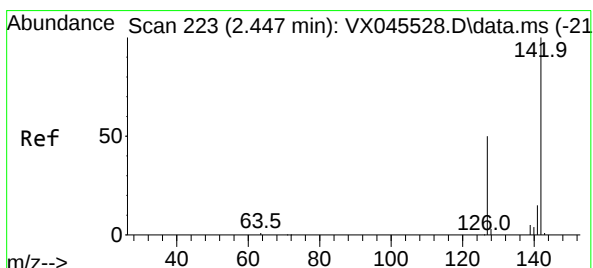
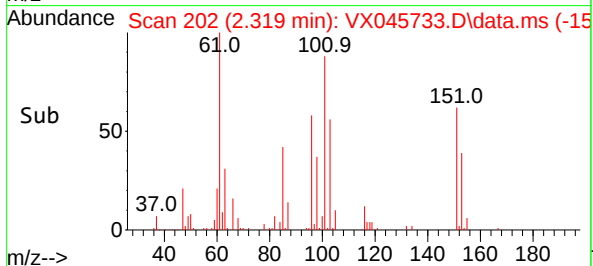
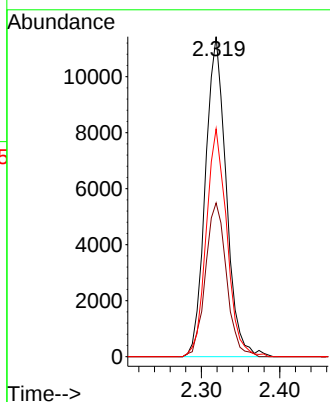
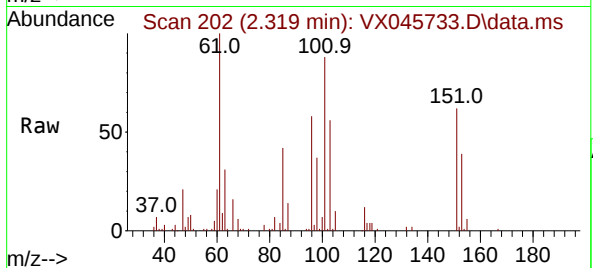
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.558 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion:101 Resp: 21099
Ion Ratio Lower Upper
101 100
85 48.5 38.9 58.3
151 70.6 57.5 86.3

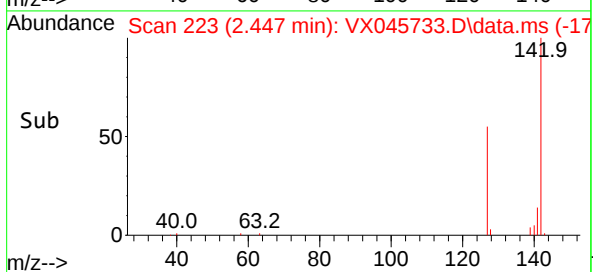
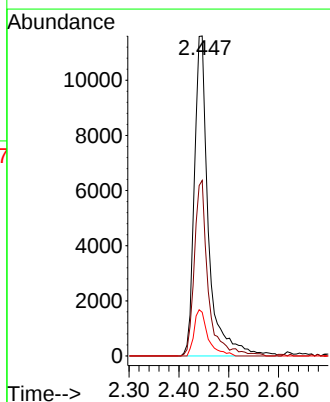
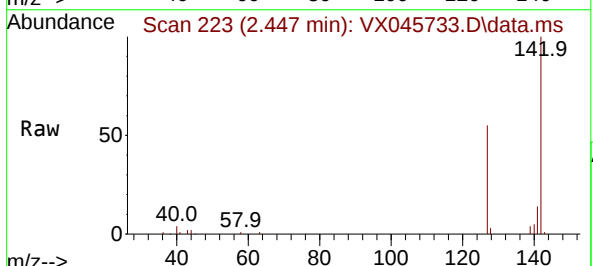
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#10
Methyl Iodide
Concen: 16.123 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

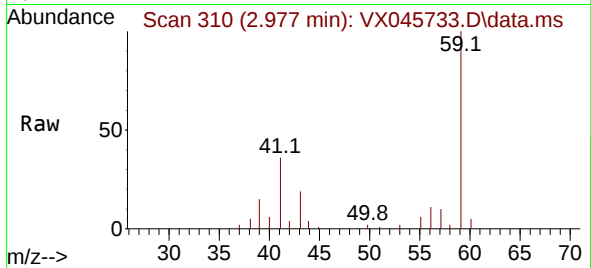
Tgt Ion:142 Resp: 22864
Ion Ratio Lower Upper
142 100
127 53.7 40.2 60.4
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 97.136 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

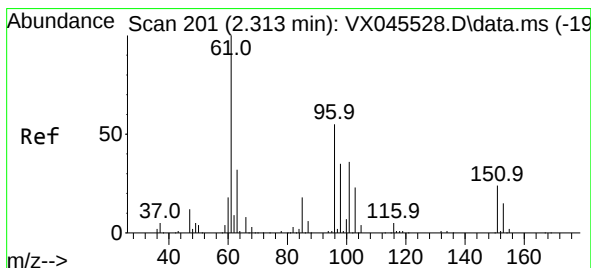
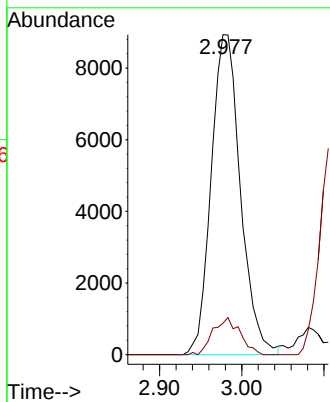
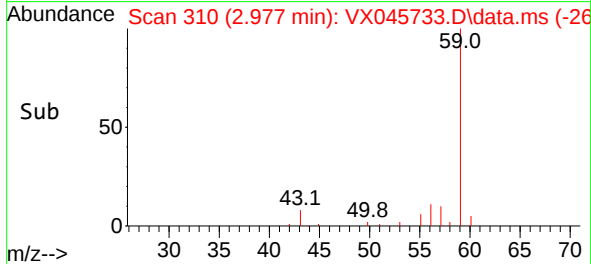
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



Tgt Ion: 59 Resp: 22092
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

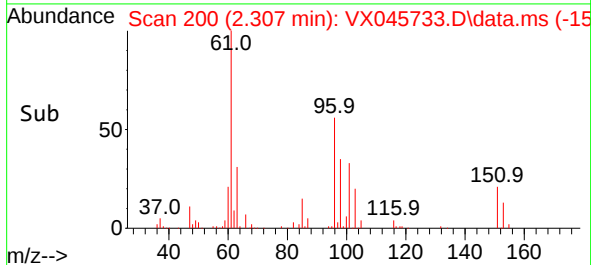
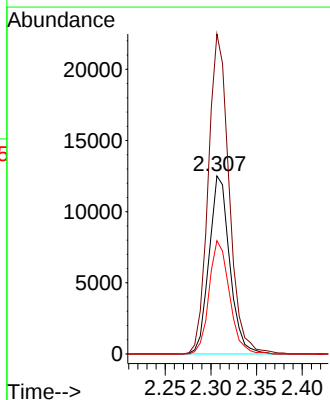
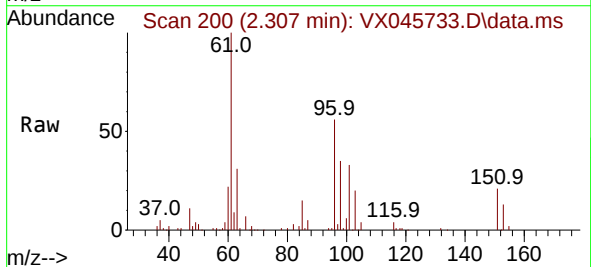
Manual Integrations
APPROVED

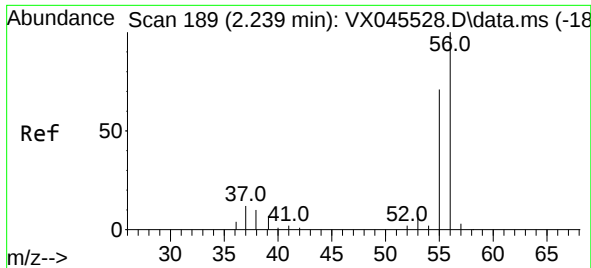
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#12
1,1-Dichloroethene
Concen: 17.674 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

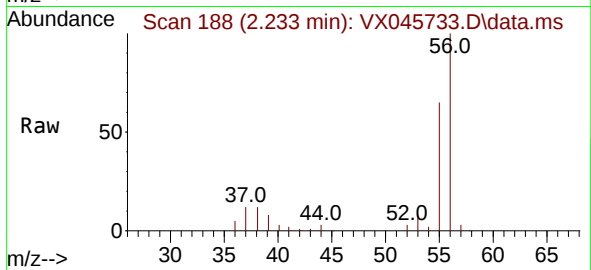
Tgt Ion: 96 Resp: 19635
Ion Ratio Lower Upper
96 100
61 179.8 145.7 218.5
98 63.6 51.6 77.4





#13
Acrolein
Concen: 90.896 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

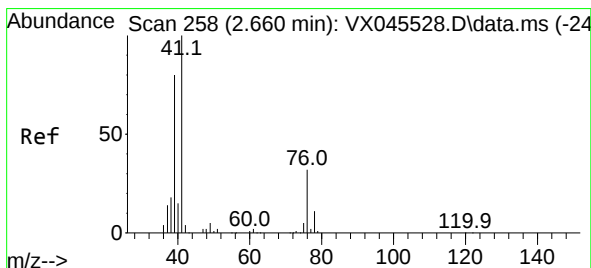
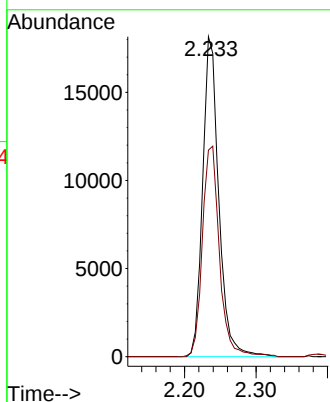
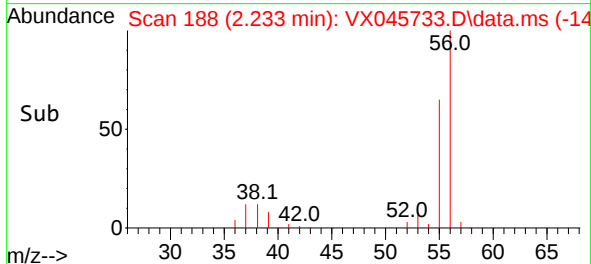
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



Tgt Ion: 56 Resp: 2846
Ion Ratio Lower Upper
56 100
55 69.6 56.2 84.2

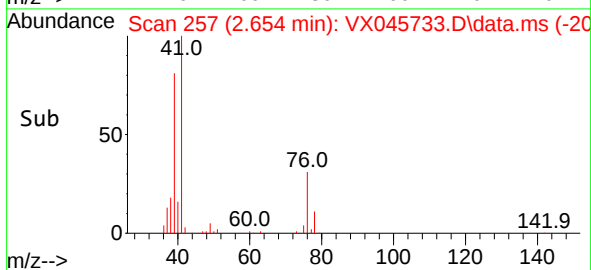
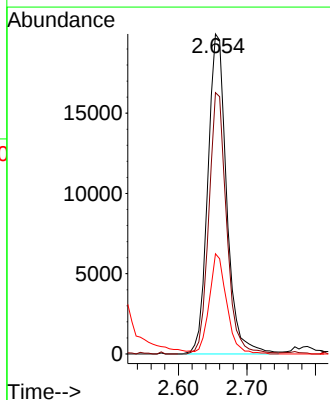
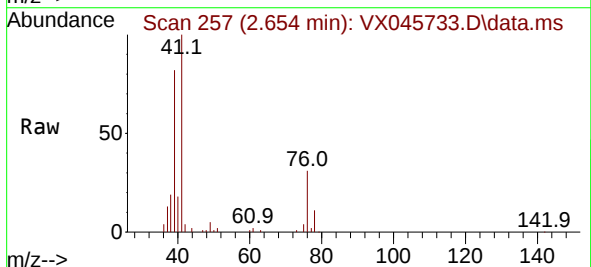
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#14
Allyl chloride
Concen: 18.112 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

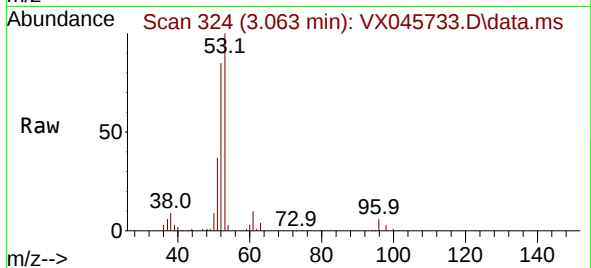
Tgt Ion: 41 Resp: 38178
Ion Ratio Lower Upper
41 100
39 76.7 60.2 90.2
76 28.9 24.6 36.8





#15
Acrylonitrile
Concen: 92.831 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

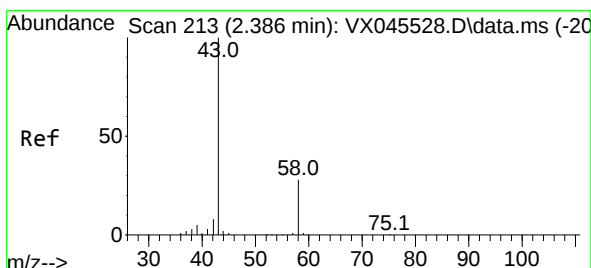
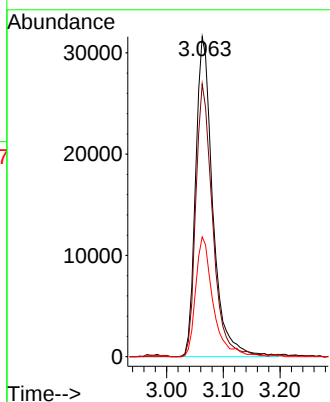
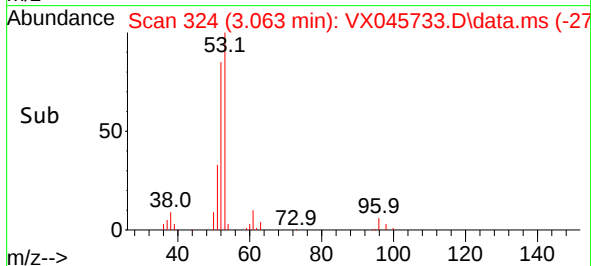
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



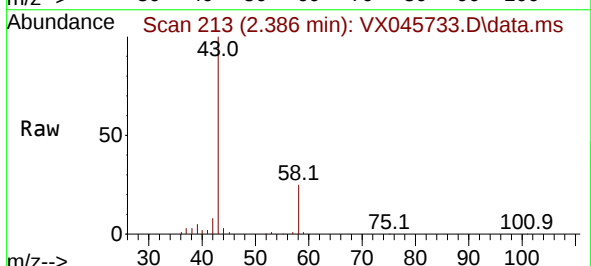
Tgt Ion: 53 Resp: 66640
Ion Ratio Lower Upper
53 100
52 83.2 67.4 101.2
51 38.1 29.9 44.9

Manual Integrations
APPROVED

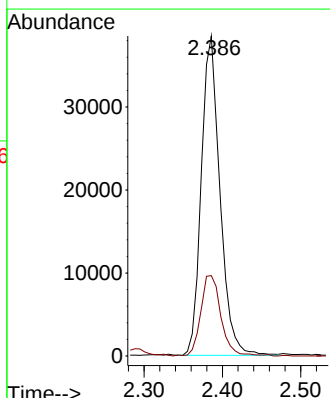
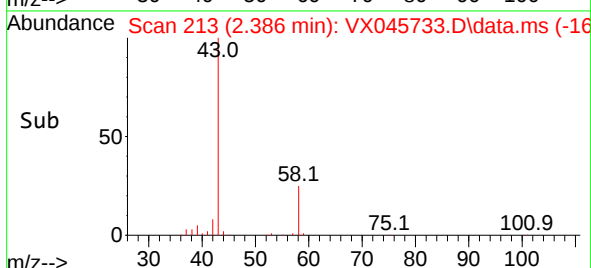
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

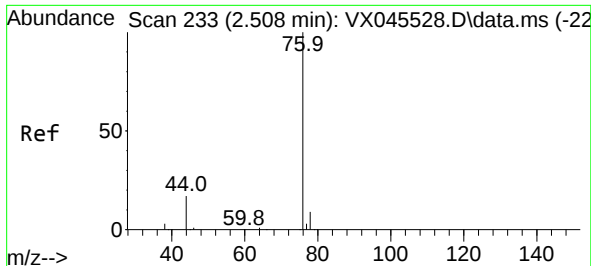


#16
Acetone
Concen: 91.531 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55



Tgt Ion: 43 Resp: 63606
Ion Ratio Lower Upper
43 100
58 25.2 22.3 33.5





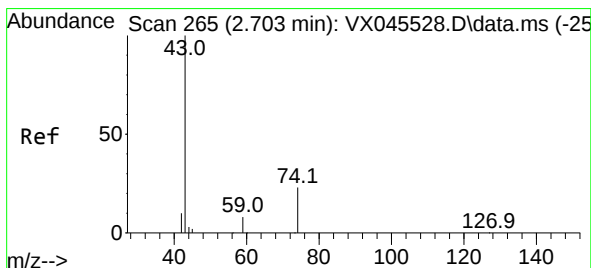
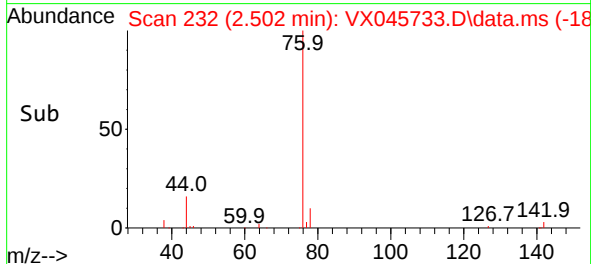
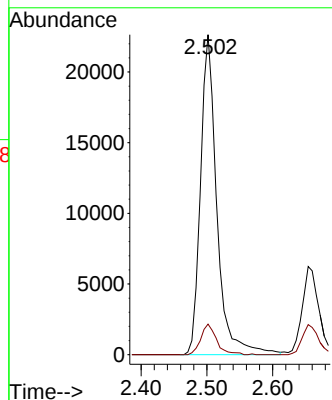
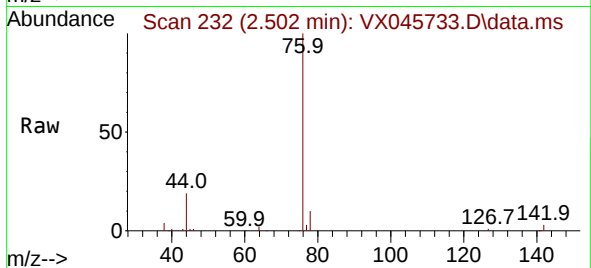
#17
Carbon Disulfide
Concen: 14.238 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion: 76 Resp: 3906
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

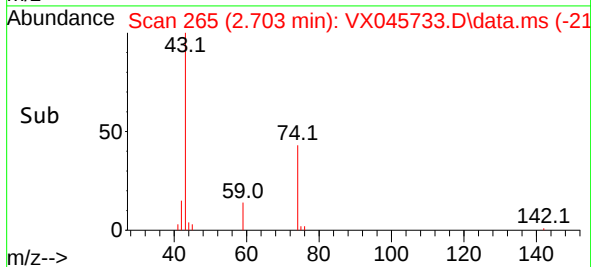
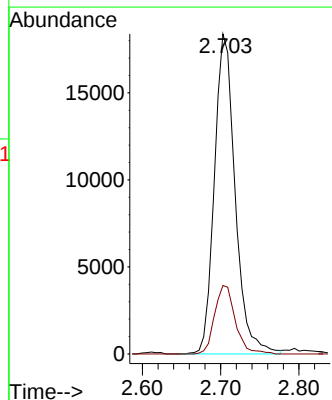
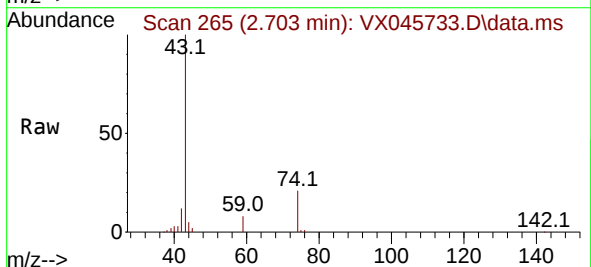
Manual Integrations
APPROVED

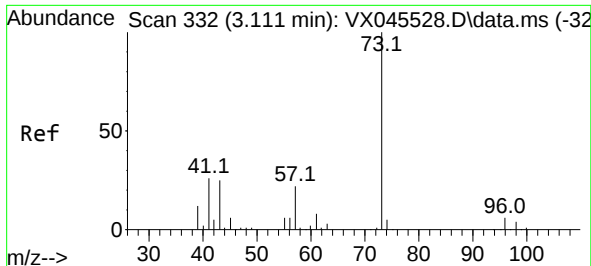
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#18
Methyl Acetate
Concen: 21.198 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Tgt Ion: 43 Resp: 33915
Ion Ratio Lower Upper
43 100
74 21.3 17.5 26.3





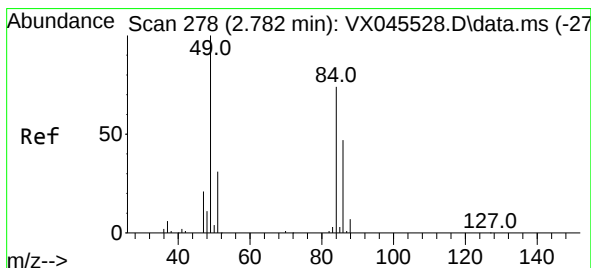
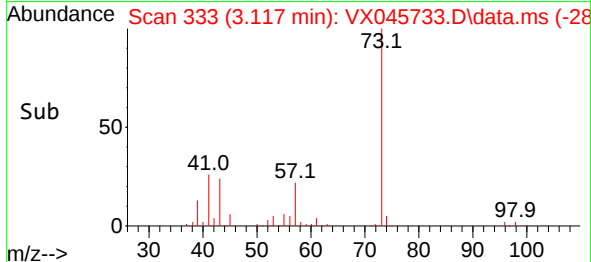
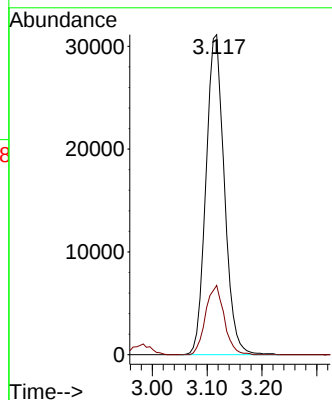
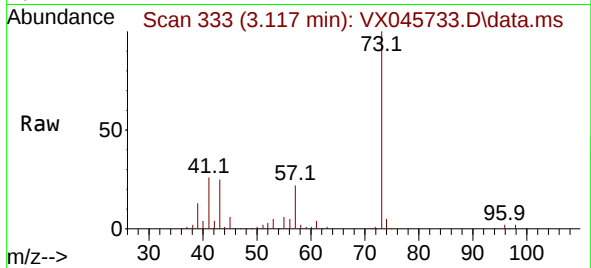
#19
Methyl tert-butyl Ether
Concen: 18.604 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion: 73 Resp: 72300
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

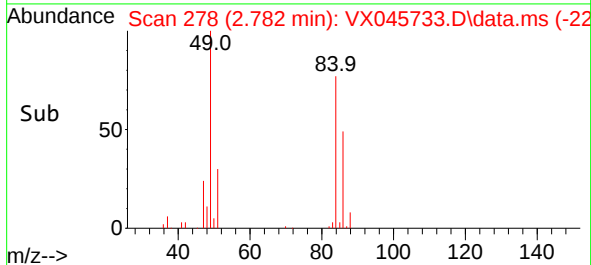
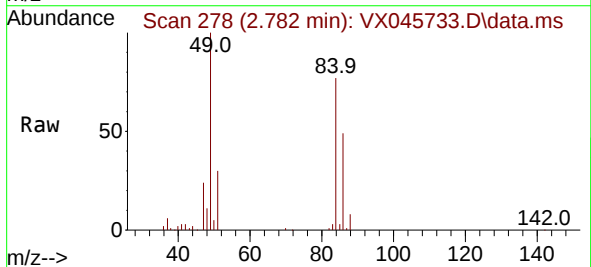
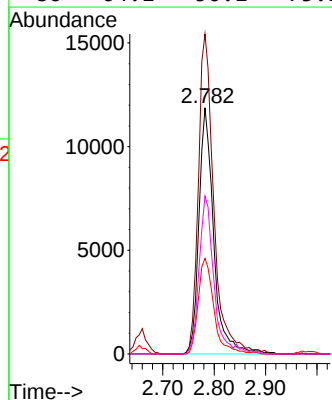
Manual Integrations
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Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#20
Methylene Chloride
Concen: 18.210 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

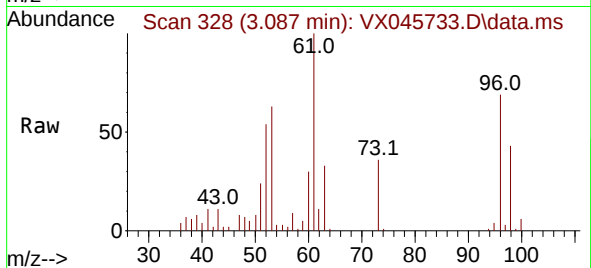
Tgt Ion: 84 Resp: 23691
Ion Ratio Lower Upper
84 100
49 130.0 107.5 161.3
51 38.8 33.0 49.6
86 64.1 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 17.998 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

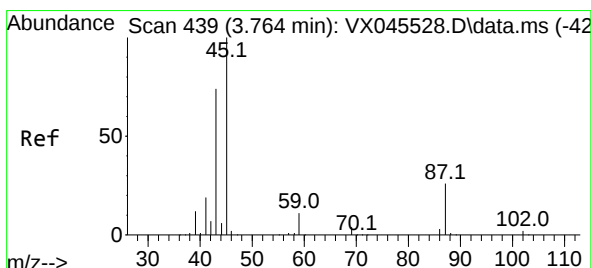
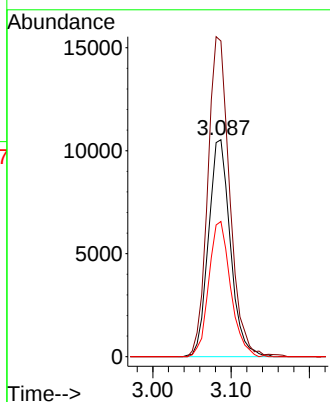
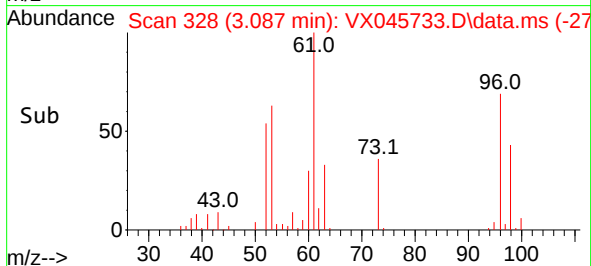
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



Tgt Ion: 96 Resp: 2042
Ion Ratio Lower Upper
96 100
61 145.4 121.0 181.6
98 62.3 49.7 74.5

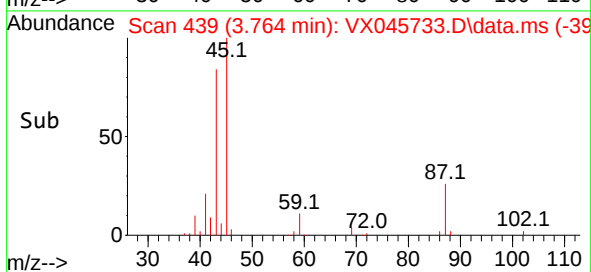
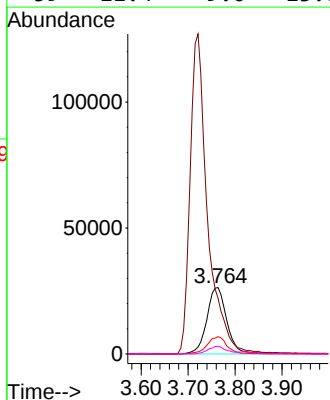
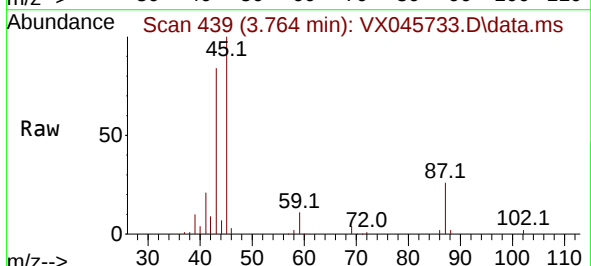
Manual Integrations
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Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#22
Diisopropyl ether
Concen: 18.751 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

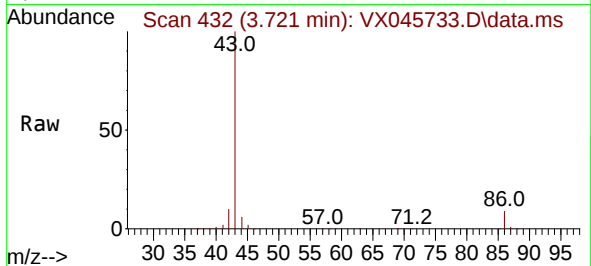
Tgt Ion: 45 Resp: 77857
Ion Ratio Lower Upper
45 100
43 82.9 59.3 88.9
87 26.0 20.4 30.6
59 11.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 92.267 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045733.D
 Acq: 11 Apr 2025 11:55

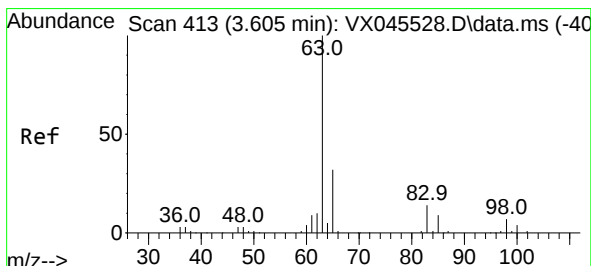
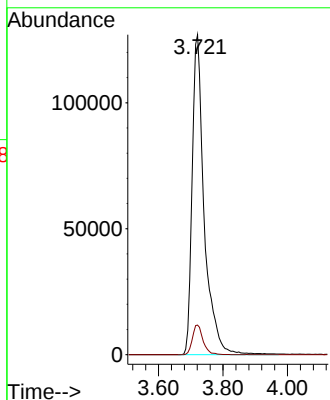
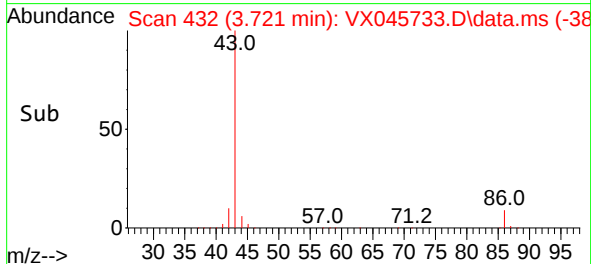
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01



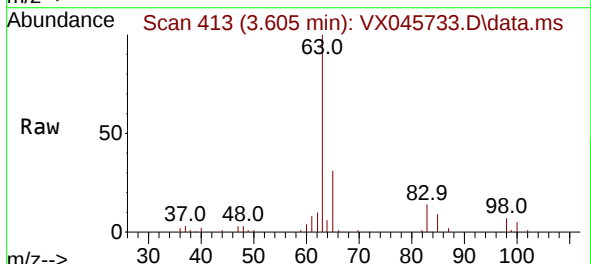
Tgt Ion: 43 Resp: 33100
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3

Manual Integrations
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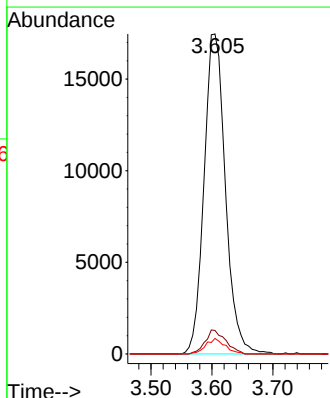
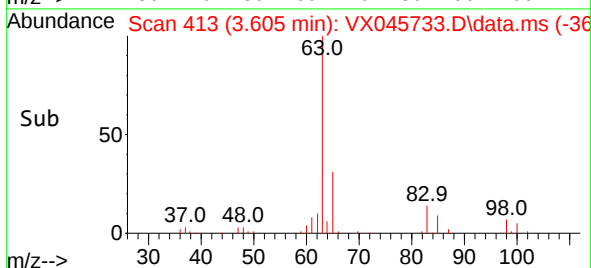
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025

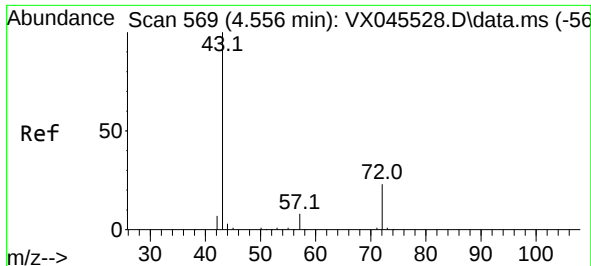


#24
 1,1-Dichloroethane
 Concen: 18.152 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045733.D
 Acq: 11 Apr 2025 11:55



Tgt Ion: 63 Resp: 42626
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.1
 100 4.9 2.2 6.6





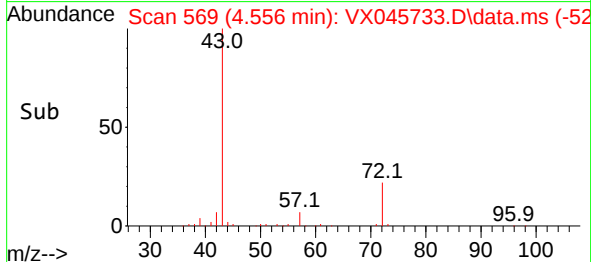
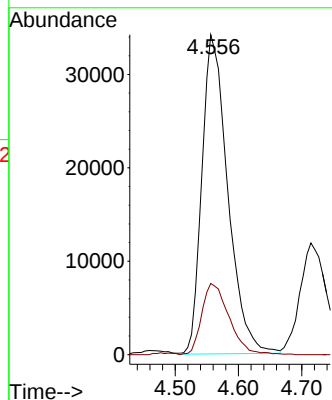
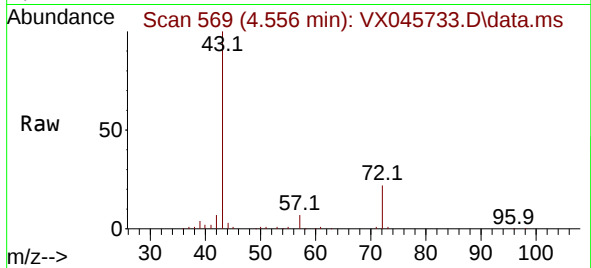
#25
2-Butanone
Concen: 95.593 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion: 43 Resp: 97238
Ion Ratio Lower Upper
43 100
72 22.3 18.6 28.0

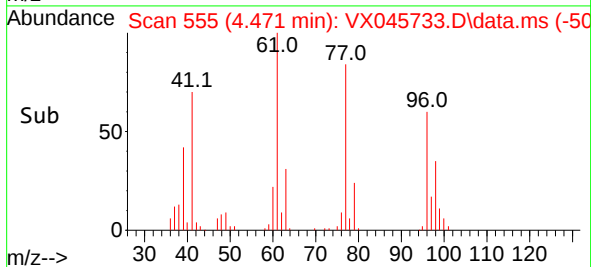
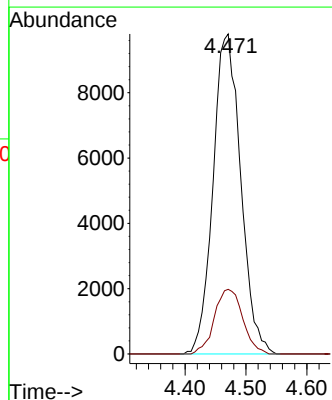
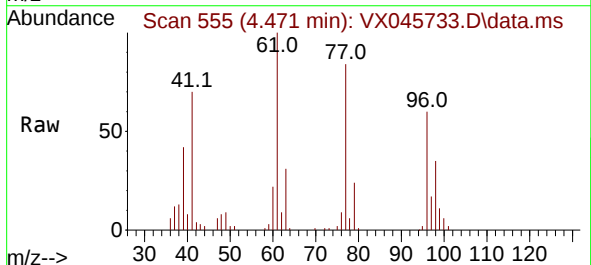
Manual Integrations
APPROVED

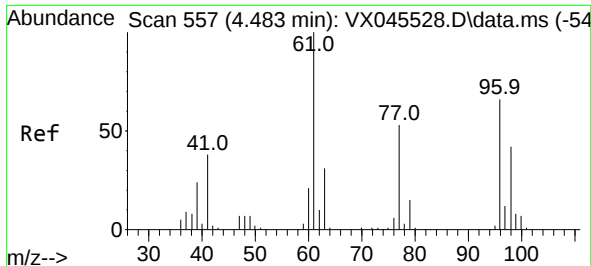
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#26
2,2-Dichloropropane
Concen: 20.371 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Tgt Ion: 77 Resp: 30907
Ion Ratio Lower Upper
77 100
97 20.7 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 18.048 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tgt Ion: 96 Resp: 24950

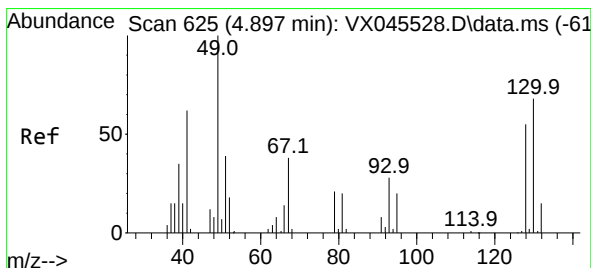
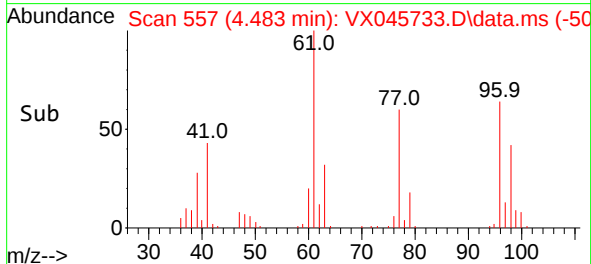
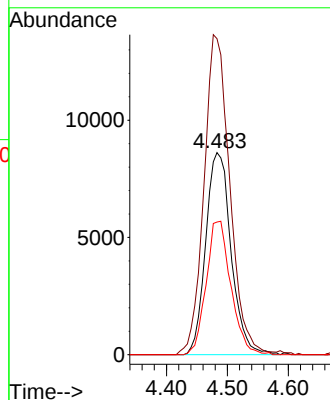
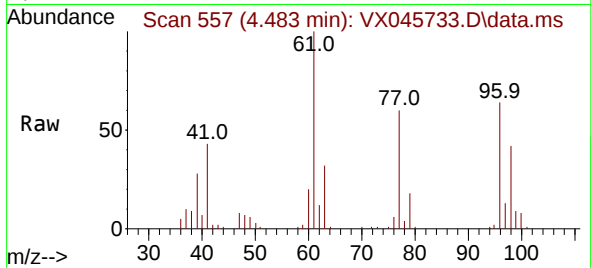
Ion	Ratio	Lower	Upper
96	100		
61	161.3	0.0	313.2
98	64.3	0.0	126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#28

Bromochloromethane

Concen: 24.458 ug/l

RT: 4.891 min Scan# 624

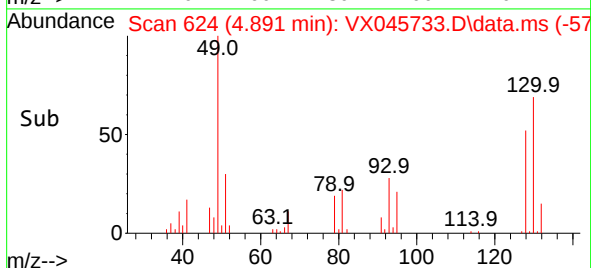
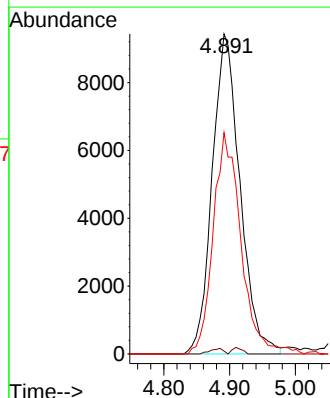
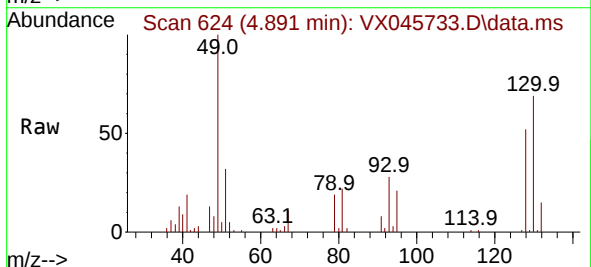
Delta R.T. -0.006 min

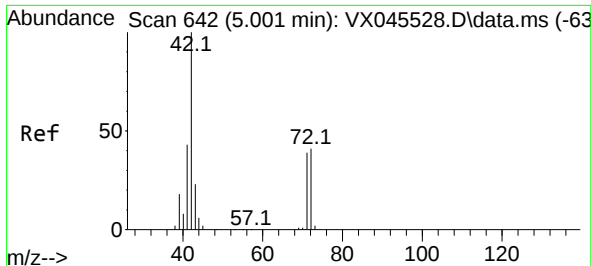
Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Tgt Ion: 49 Resp: 27754

Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.8
130	69.0	54.6	81.8





#29

Tetrahydrofuran

Concen: 92.791 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tgt Ion: 42 Resp: 6119

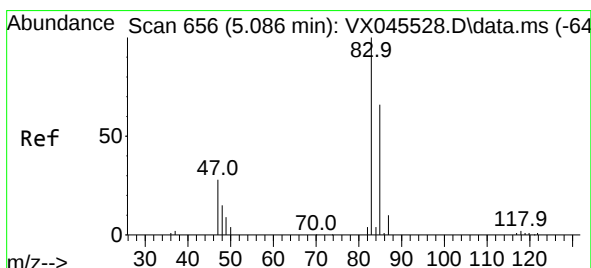
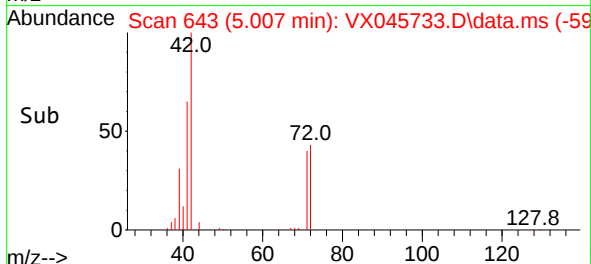
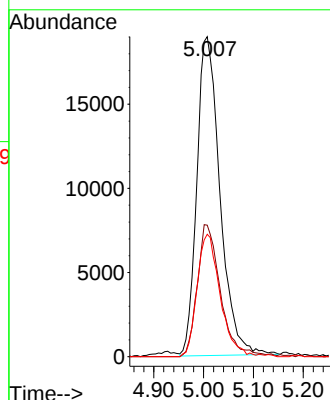
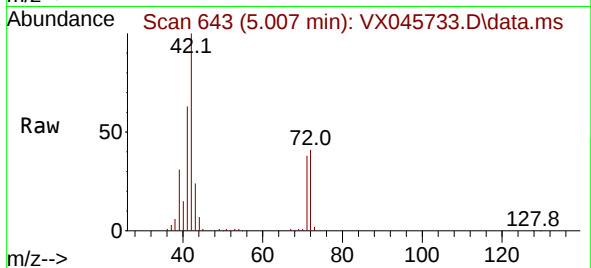
Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.4	50.0
71	38.1	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#30

Chloroform

Concen: 18.263 ug/l

RT: 5.087 min Scan# 656

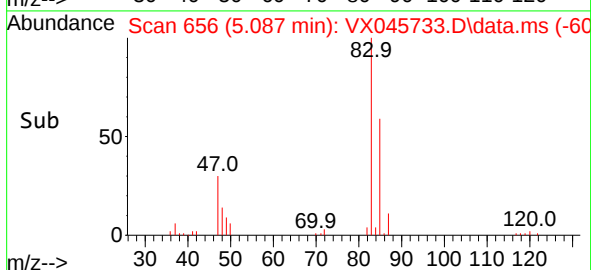
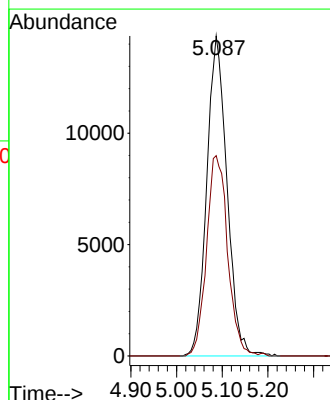
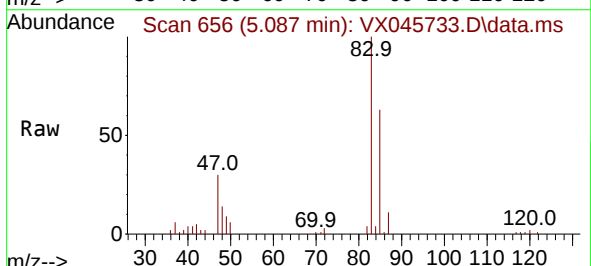
Delta R.T. 0.000 min

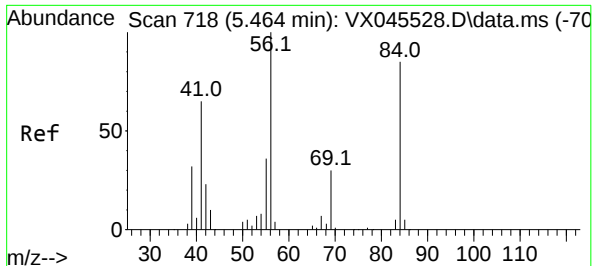
Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Tgt Ion: 83 Resp: 44128

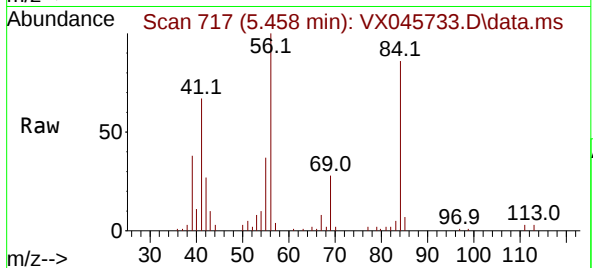
Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.8	79.2





#31
Cyclohexane
Concen: 17.184 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

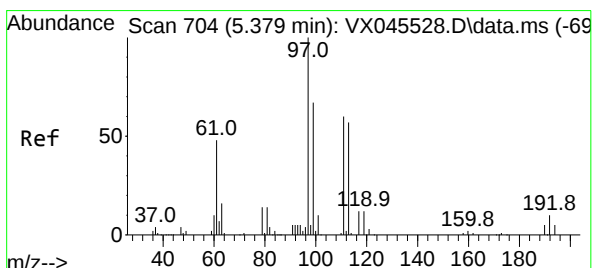
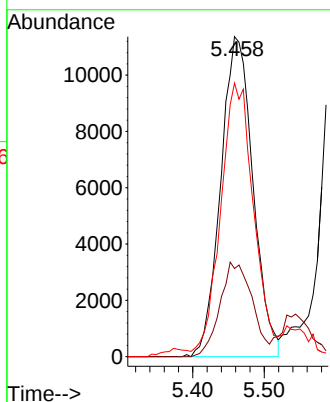
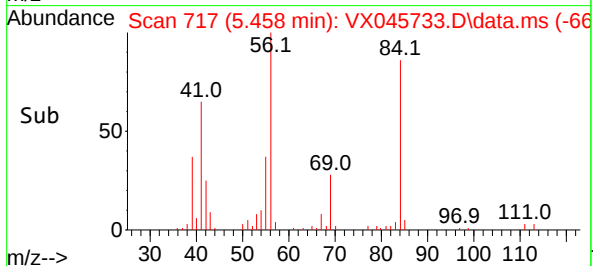
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



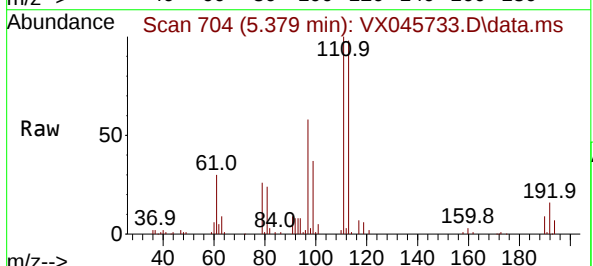
Tgt Ion: 56 Resp: 35674
Ion Ratio Lower Upper
56 100
69 27.5 23.6 35.4
84 83.2 67.7 101.5

Manual Integrations
APPROVED

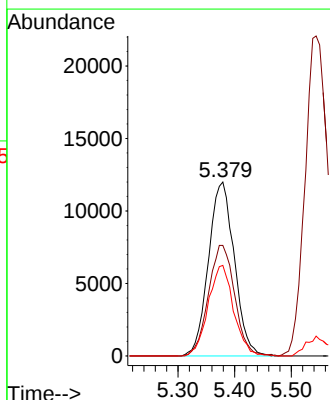
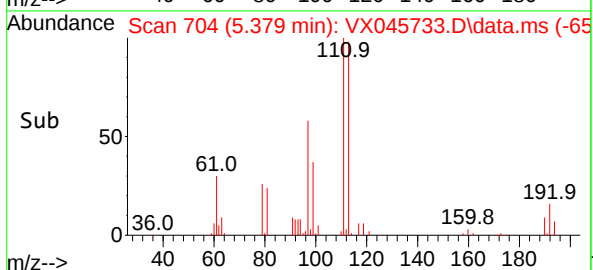
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

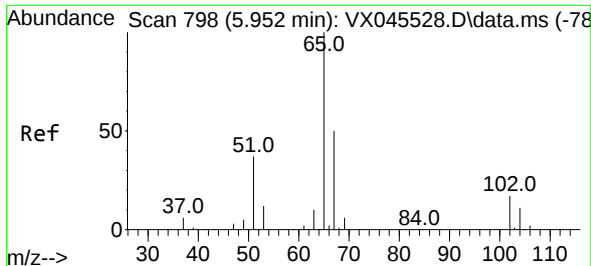


#32
1,1,1-Trichloroethane
Concen: 18.583 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55



Tgt Ion: 97 Resp: 37994
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 51.2 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 50.486 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tgt Ion: 65 Resp: 85438

Ion Ratio Lower Upper

65 100

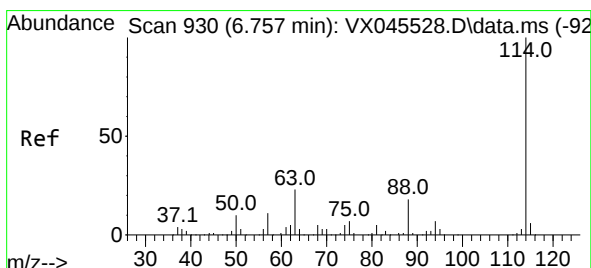
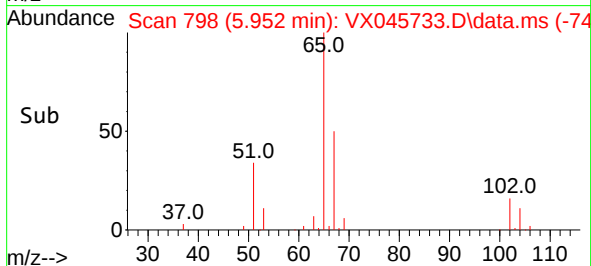
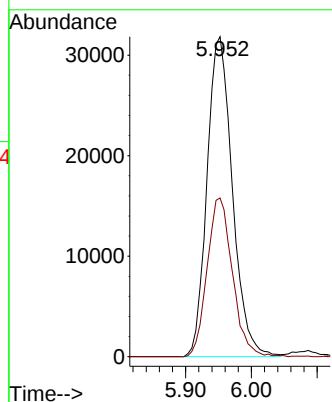
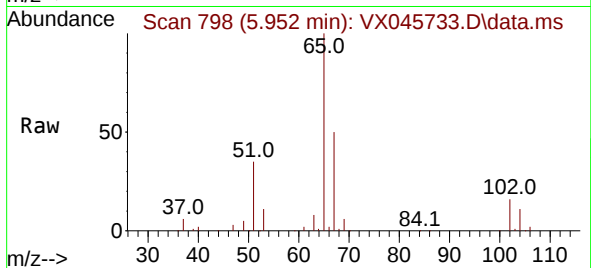
67 49.4 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

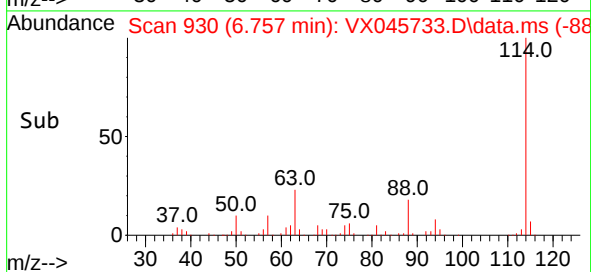
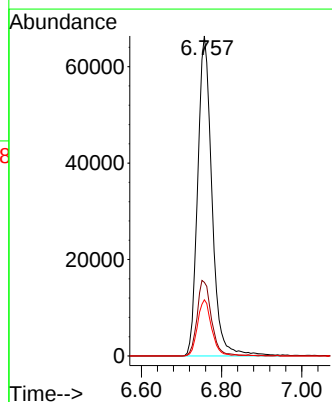
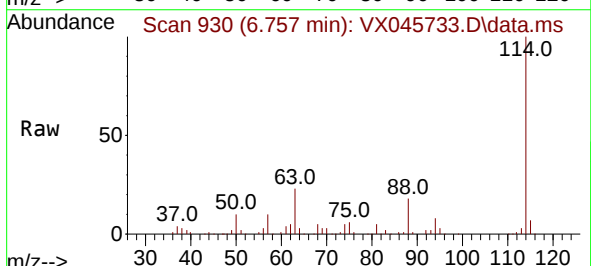
Tgt Ion:114 Resp: 163903

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.8

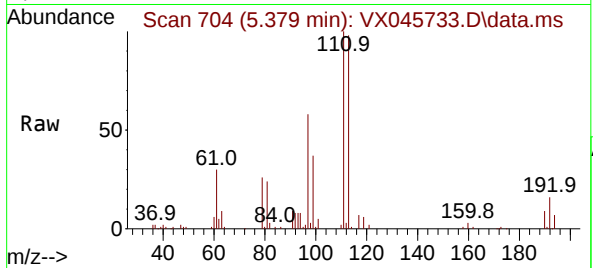
88 17.5 0.0 35.4





#35
Dibromofluoromethane
Concen: 50.653 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

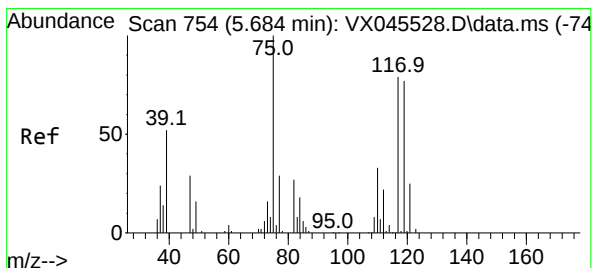
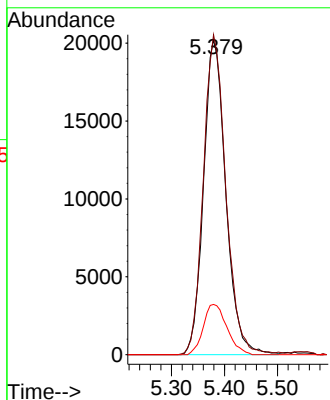
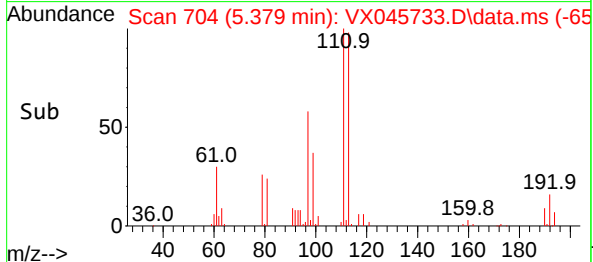
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



Tgt Ion:113 Resp: 58904
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 17.0 13.8 20.6

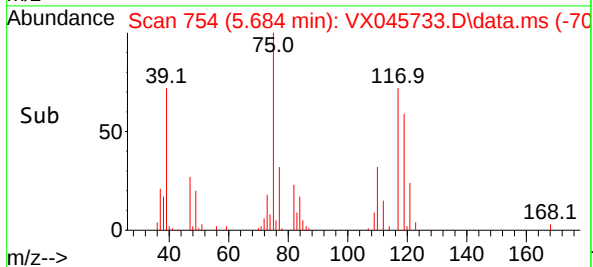
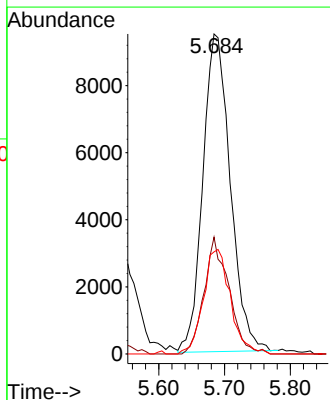
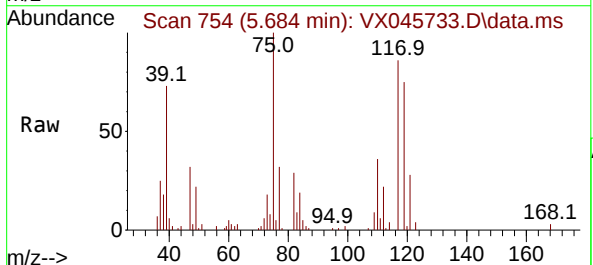
Manual Integrations
APPROVED

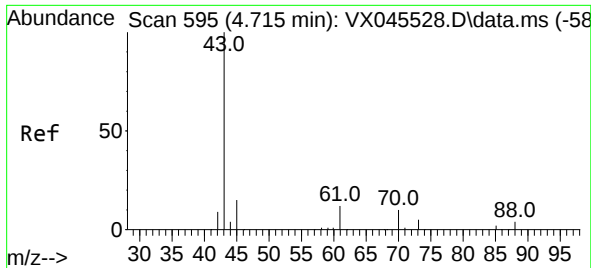
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#36
1,1-Dichloropropene
Concen: 17.539 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

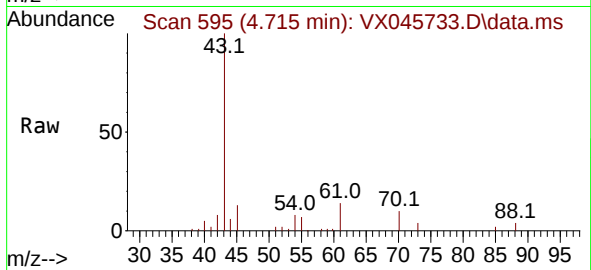
Tgt Ion: 75 Resp: 27539
Ion Ratio Lower Upper
75 100
110 33.3 16.9 50.6
77 32.4 25.0 37.4





#37
Ethyl Acetate
Concen: 18.192 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

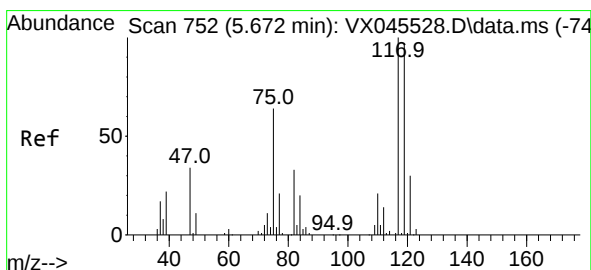
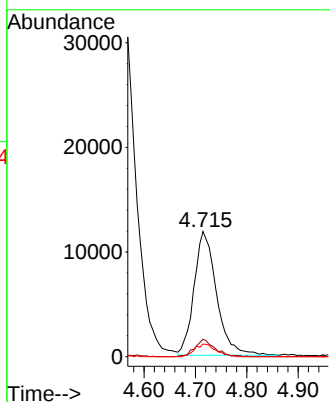
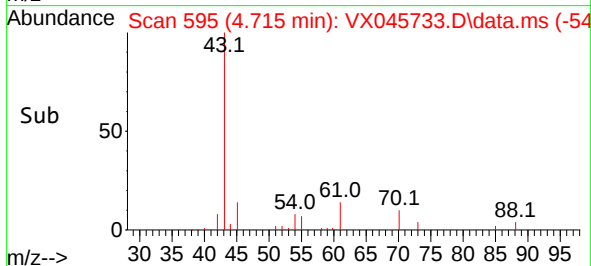
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



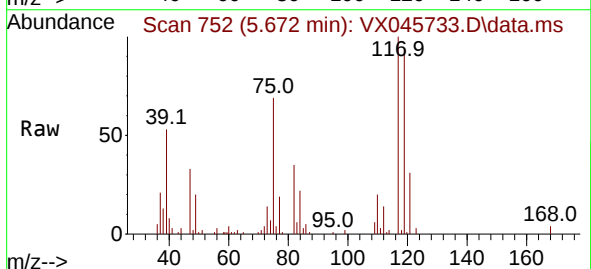
Tgt Ion: 43 Resp: 35990
Ion Ratio Lower Upper
43 100
61 12.4 9.9 14.9
70 9.5 7.5 11.3

Manual Integrations
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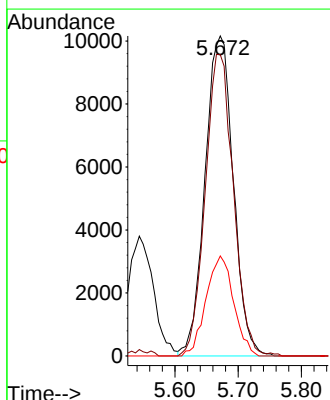
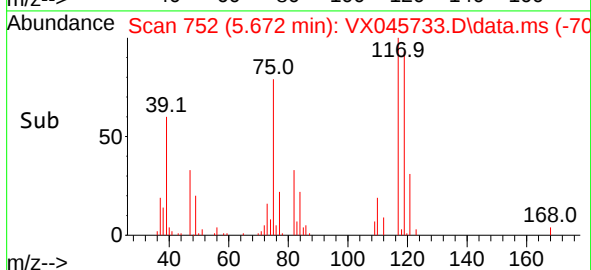
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#38
Carbon Tetrachloride
Concen: 18.620 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55



Tgt Ion:117 Resp: 31597
Ion Ratio Lower Upper
117 100
119 94.2 76.9 115.3
121 31.2 24.2 36.2





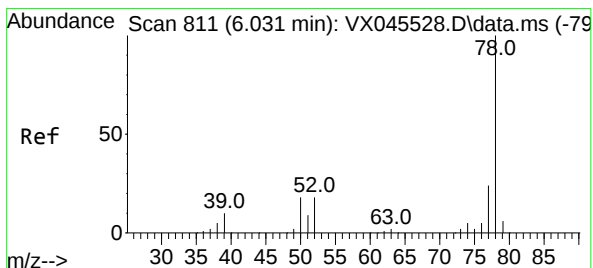
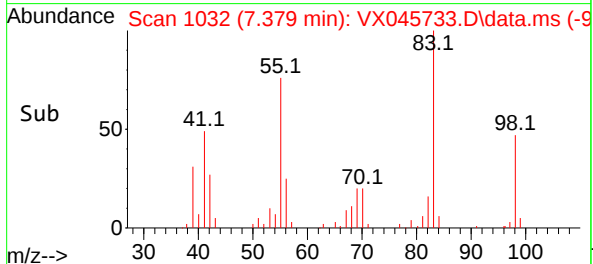
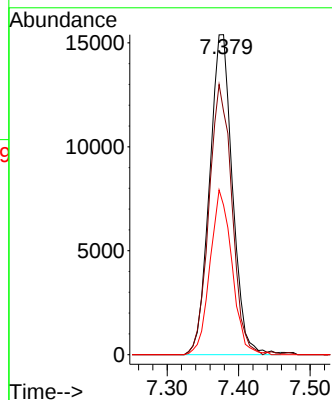
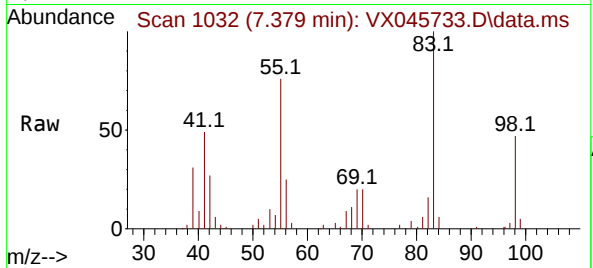
#39
Methylcyclohexane
Concen: 17.851 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion: 83 Resp: 34358
Ion Ratio Lower Upper
83 100
55 76.0 64.9 97.3
98 46.7 37.4 56.0

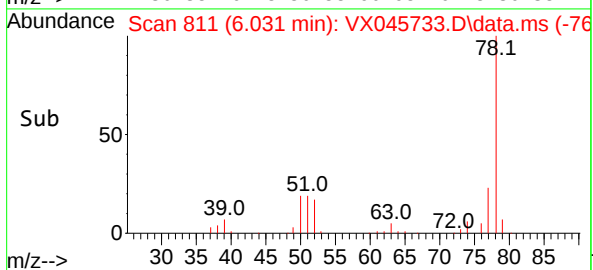
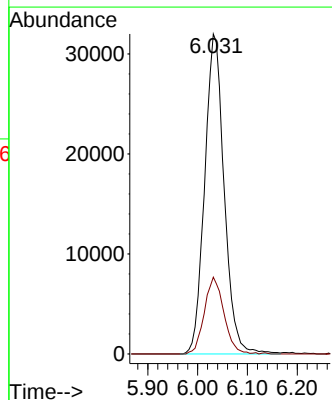
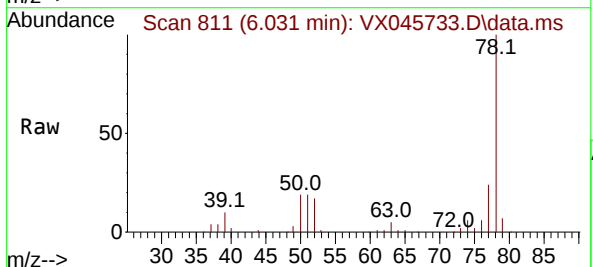
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#40
Benzene
Concen: 18.126 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Tgt Ion: 78 Resp: 86923
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





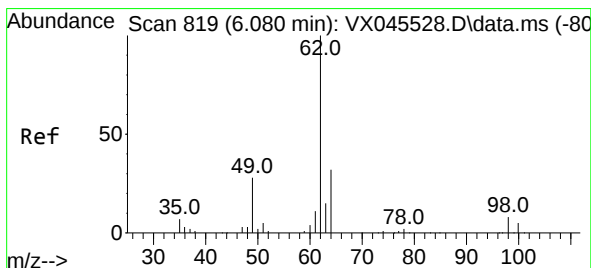
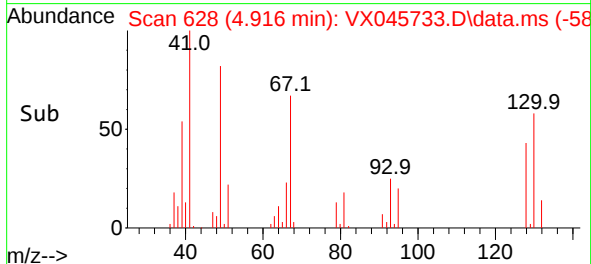
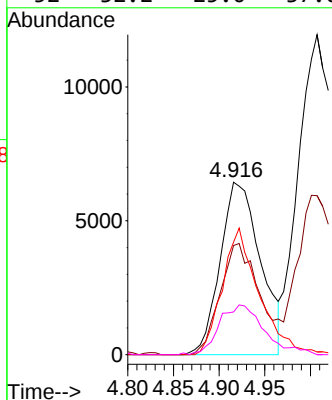
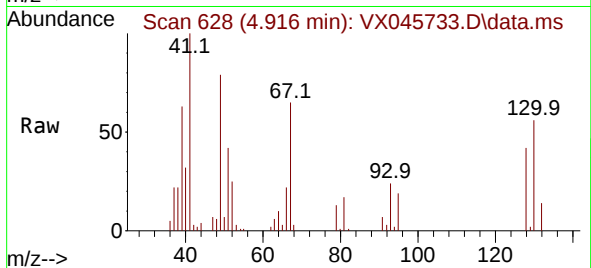
#41
Methacrylonitrile
Concen: 18.924 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion: 41 Resp: 1975
Ion Ratio Lower Upper
41 100
39 60.4 47.0 70.6
67 67.8 53.2 79.8
52 32.2 25.0 37.6

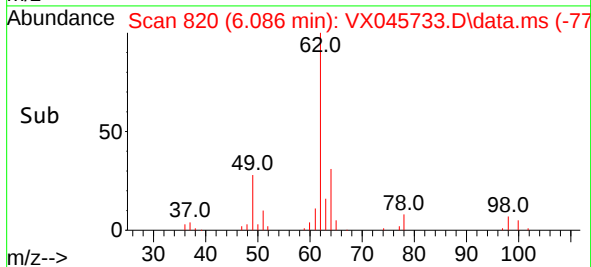
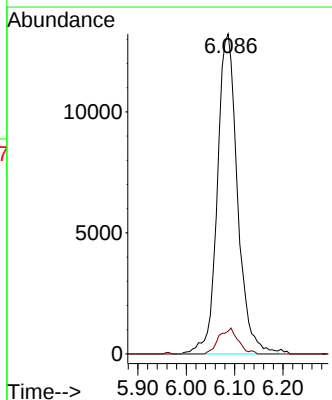
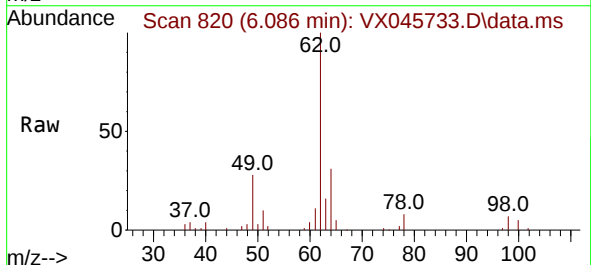
Manual Integrations
APPROVED

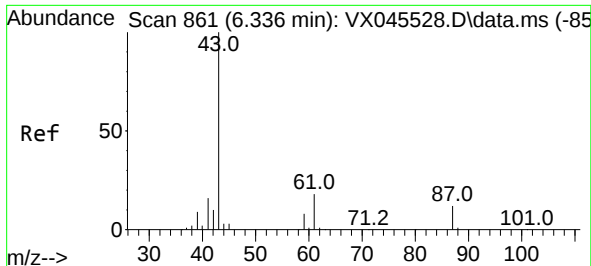
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#42
1,2-Dichloroethane
Concen: 19.360 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Tgt Ion: 62 Resp: 38345
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.2





#43

Isopropyl Acetate

Concen: 18.864 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

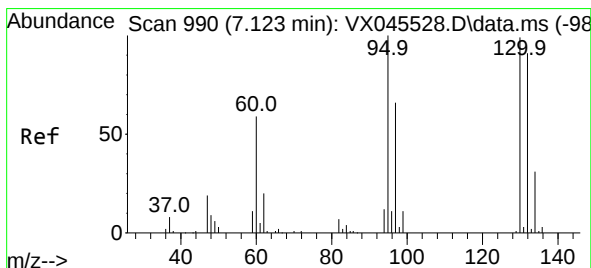
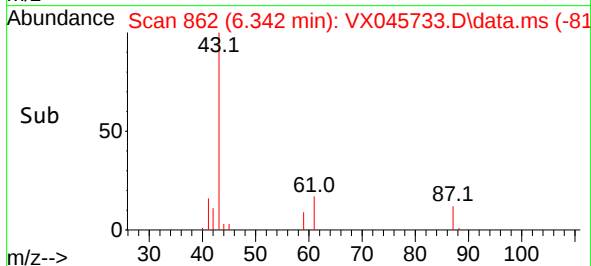
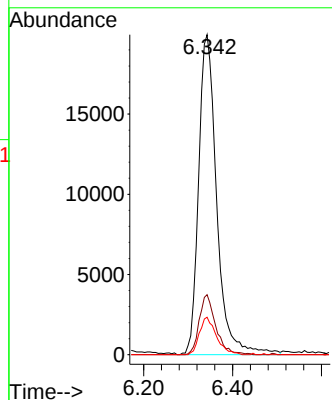
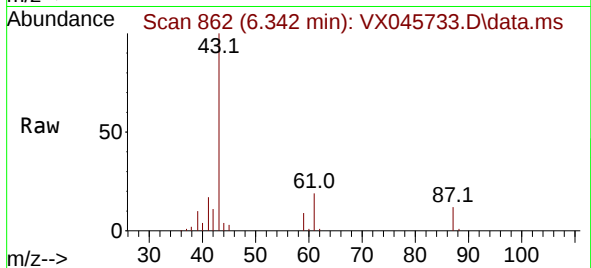
Tgt Ion: 43 Resp: 56572
 Ion Ratio Lower Upper
 43 100
 61 17.1 14.1 21.1
 87 11.0 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#44

Trichloroethene

Concen: 17.624 ug/l

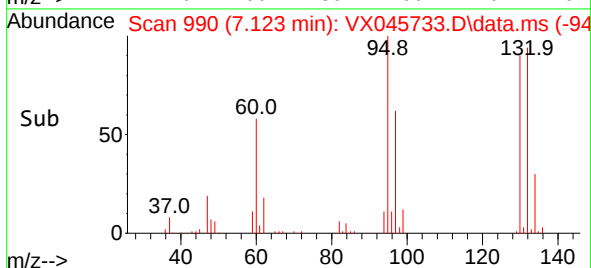
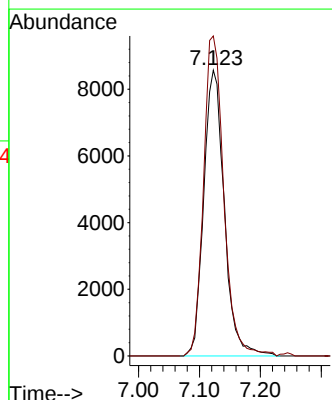
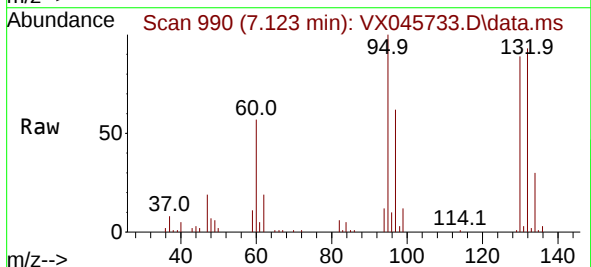
RT: 7.123 min Scan# 990

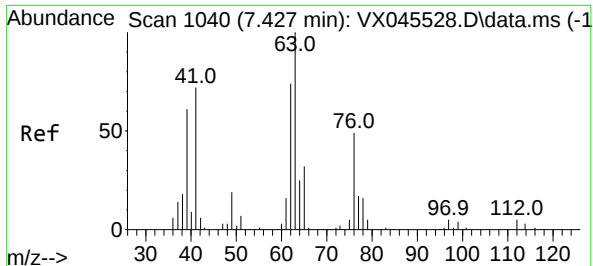
Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Tgt Ion:130 Resp: 20087
 Ion Ratio Lower Upper
 130 100
 95 112.0 0.0 202.0





#45

1,2-Dichloropropane

Concen: 18.678 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tgt Ion: 63 Resp: 2234

Ion Ratio Lower Upper

63 100

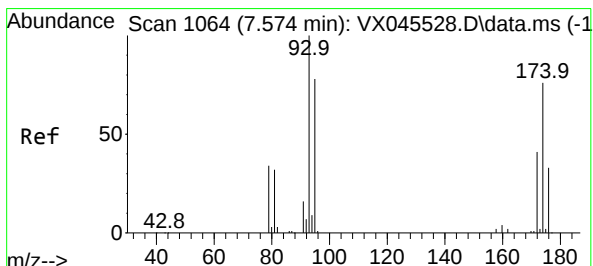
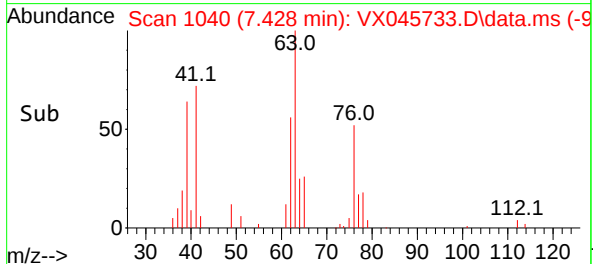
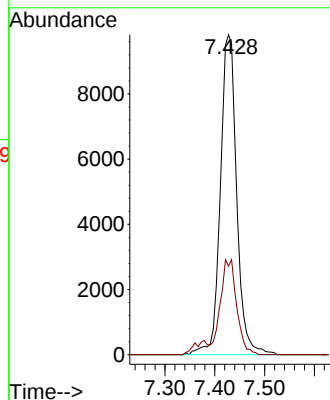
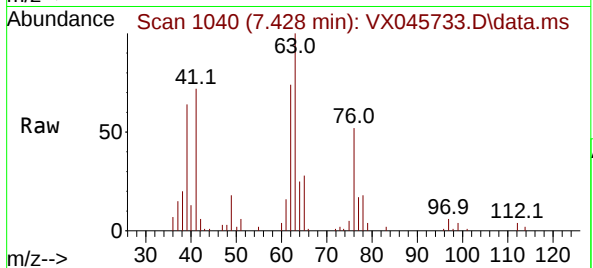
65 27.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#46

Dibromomethane

Concen: 18.538 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

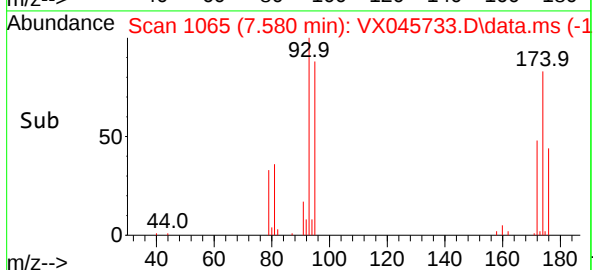
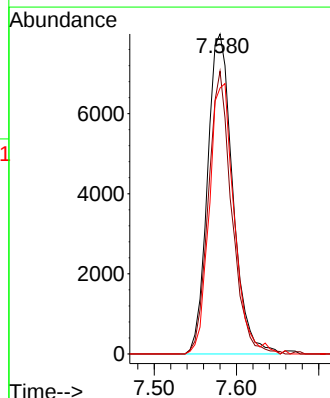
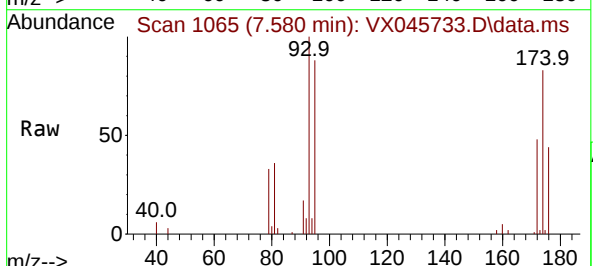
Tgt Ion: 93 Resp: 17027

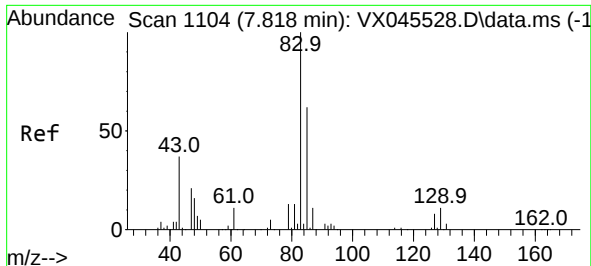
Ion Ratio Lower Upper

93 100

95 82.0 64.8 97.2

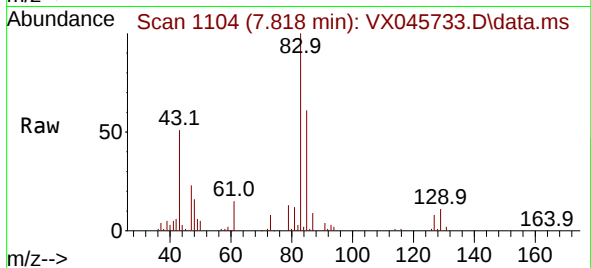
174 83.5 65.4 98.0





#47
Bromodichloromethane
Concen: 18.321 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

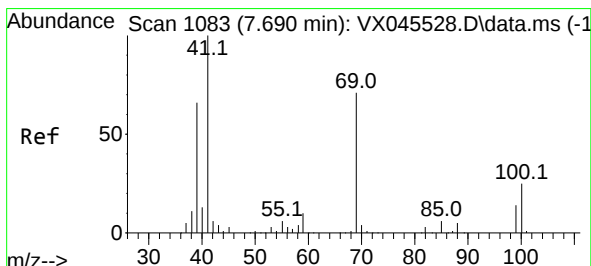
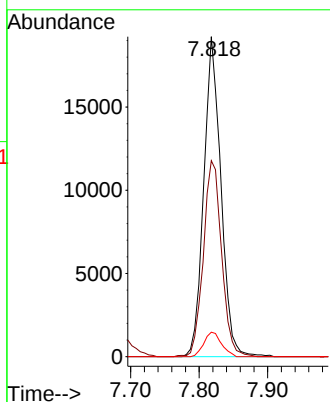
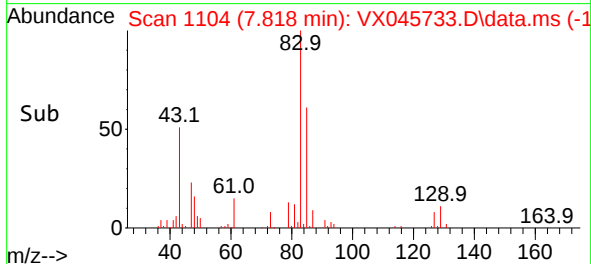
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



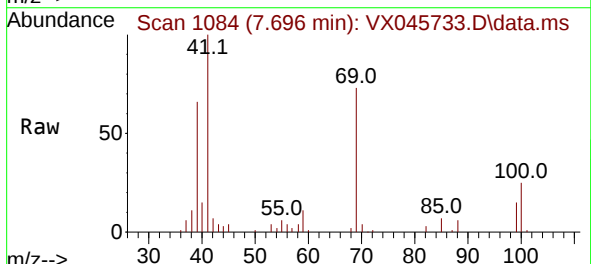
Tgt Ion: 83 Resp: 3360
Ion Ratio Lower Upper
83 100
85 61.3 49.7 74.5
127 7.7 6.1 9.1

Manual Integrations
APPROVED

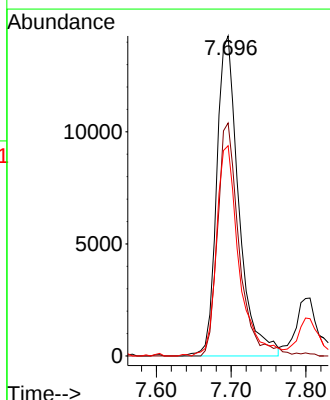
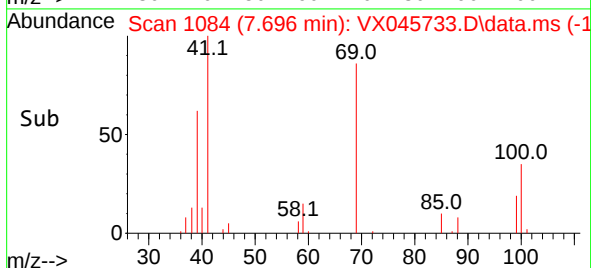
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

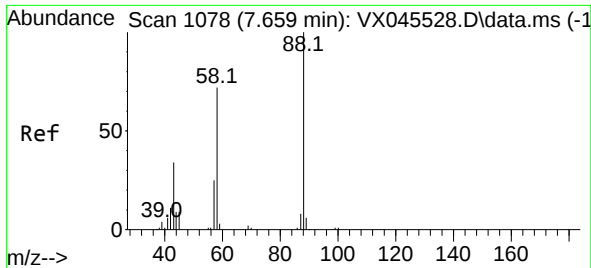


#48
Methyl methacrylate
Concen: 18.940 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55



Tgt Ion: 41 Resp: 29328
Ion Ratio Lower Upper
41 100
69 71.3 58.2 87.2
39 67.0 53.6 80.4





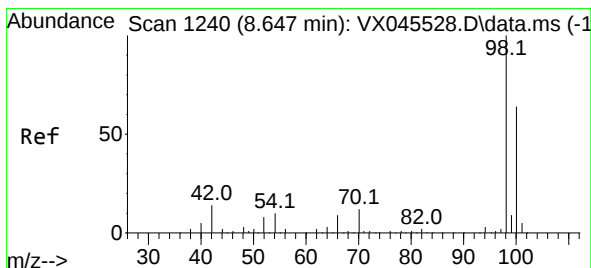
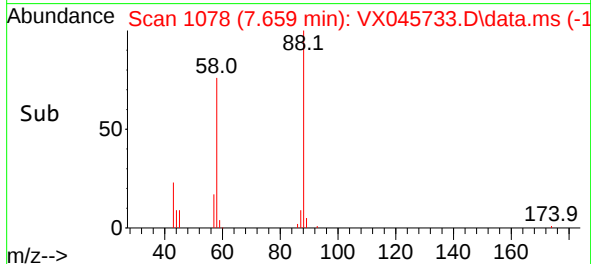
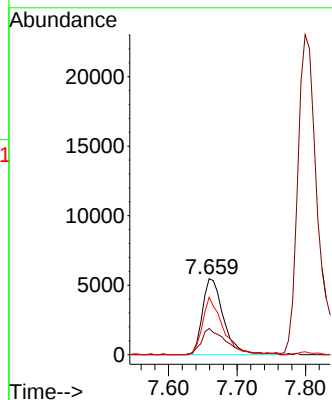
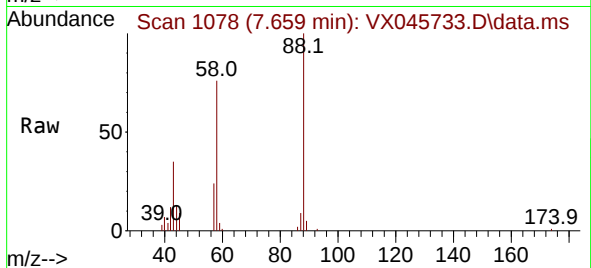
#49
1,4-Dioxane
Concen: 416.596 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion: 88 Resp: 1167
Ion Ratio Lower Upper
88 100
43 40.8 32.2 48.4
58 73.0 58.6 88.0

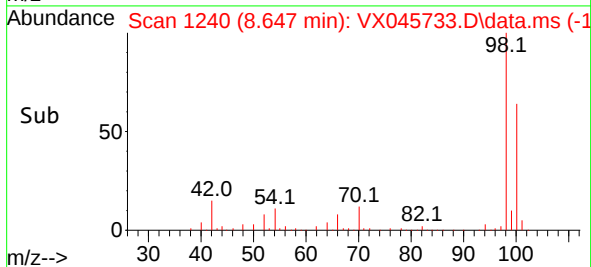
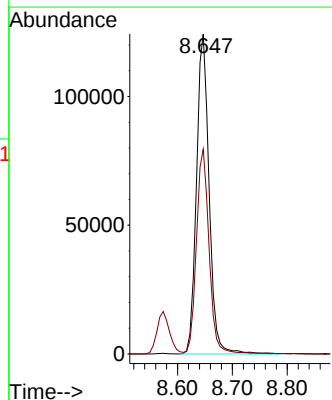
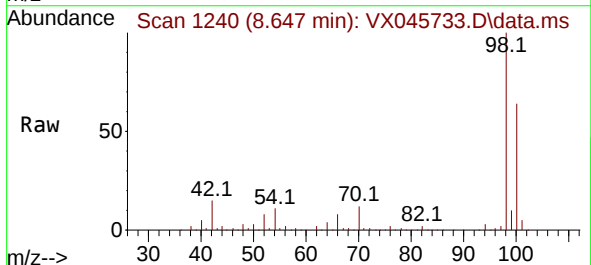
Manual Integrations
APPROVED

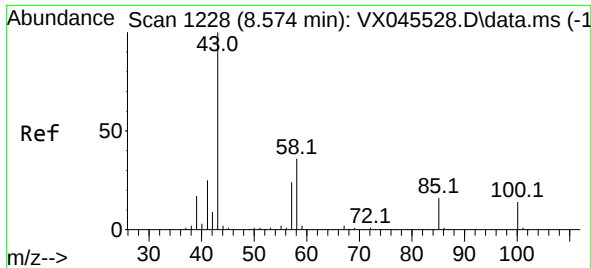
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#50
Toluene-d8
Concen: 49.167 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Tgt Ion: 98 Resp: 199568
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4





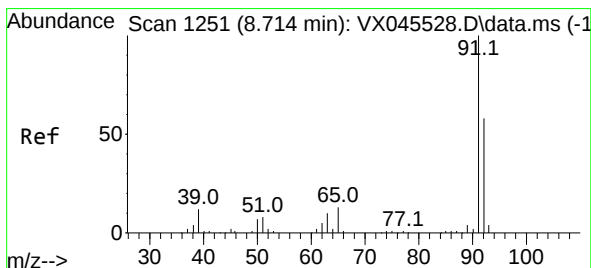
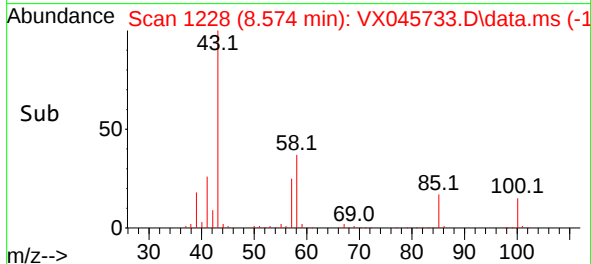
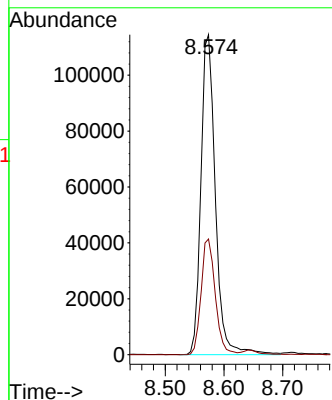
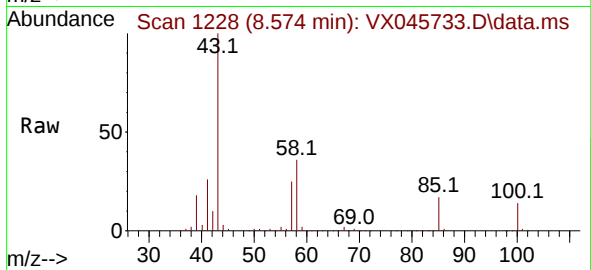
#51
4-Methyl-2-Pentanone
Concen: 98.277 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion: 43 Resp: 19538
Ion Ratio Lower Upper
43 100
58 35.4 28.5 42.7

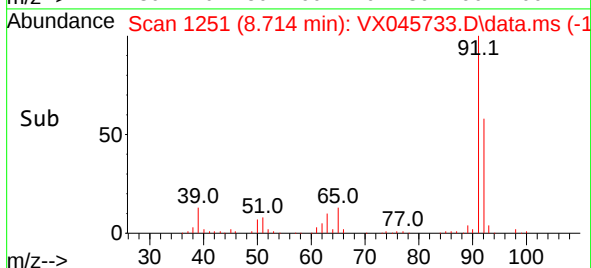
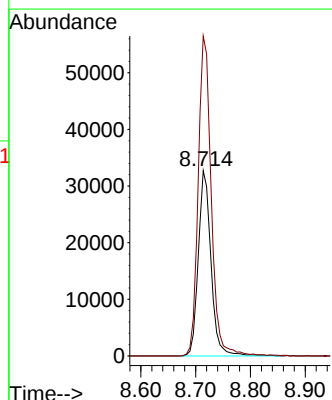
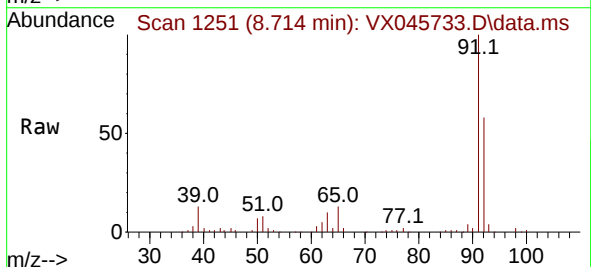
Manual Integrations
APPROVED

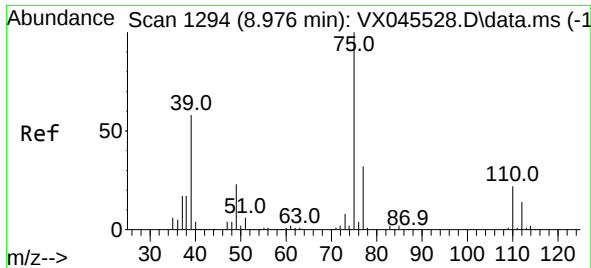
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#52
Toluene
Concen: 18.235 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Tgt Ion: 92 Resp: 52911
Ion Ratio Lower Upper
92 100
91 177.2 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 17.529 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tgt Ion: 75 Resp: 2817

Ion Ratio Lower Upper

75 100

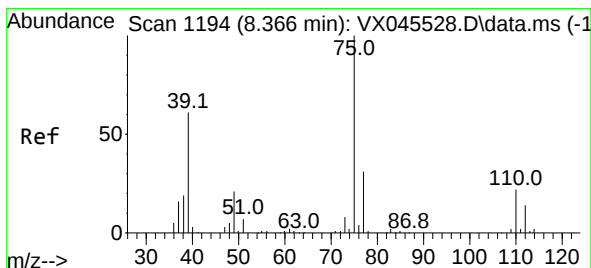
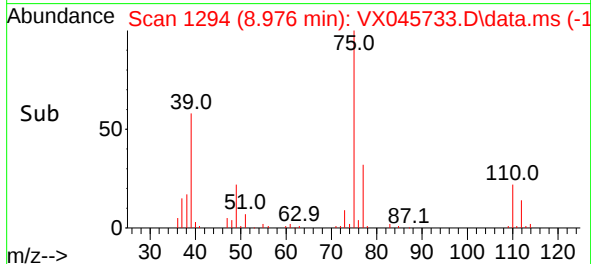
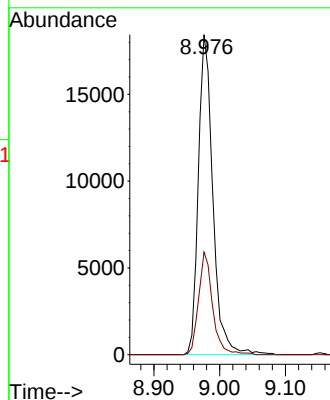
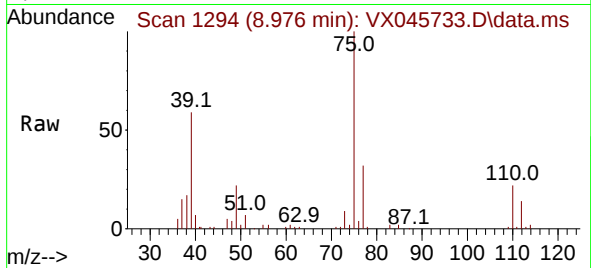
77 32.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#54

cis-1,3-Dichloropropene

Concen: 18.999 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

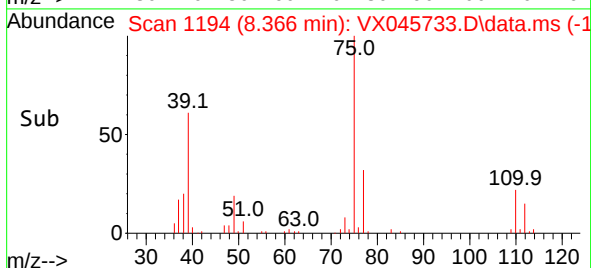
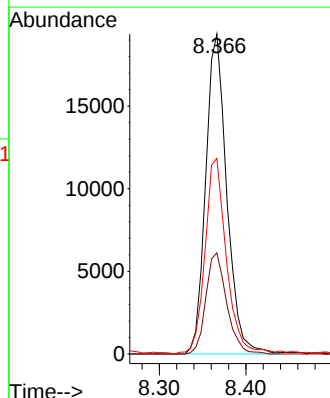
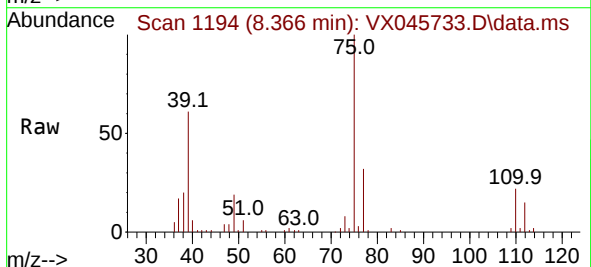
Tgt Ion: 75 Resp: 32748

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 60.6 48.4 72.6





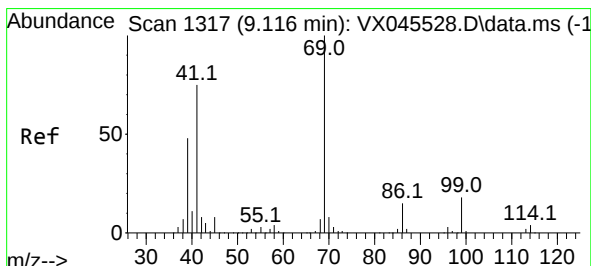
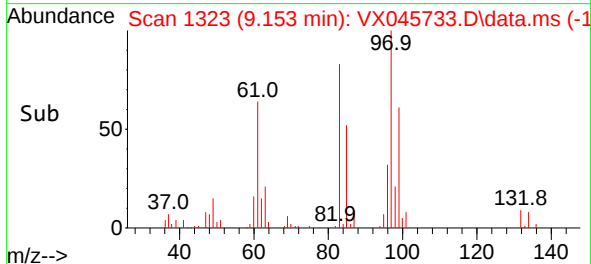
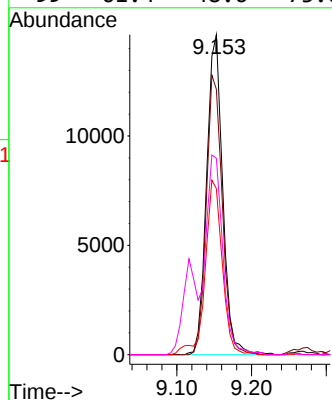
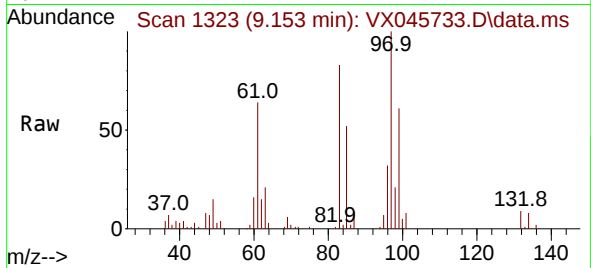
#55
1,1,2-Trichloroethane
Concen: 18.911 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	71.8	107.8
85	51.9	47.0	70.6
99	61.4	48.6	73.0

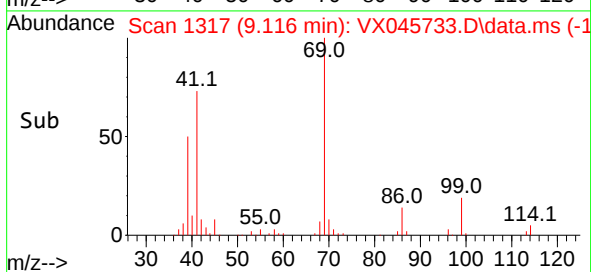
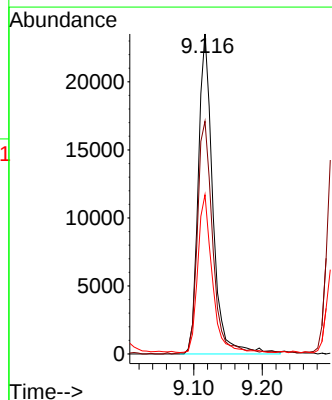
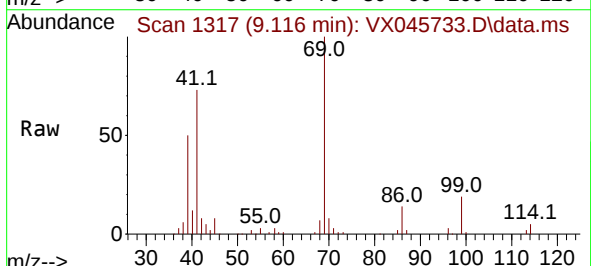
Manual Integrations
APPROVED

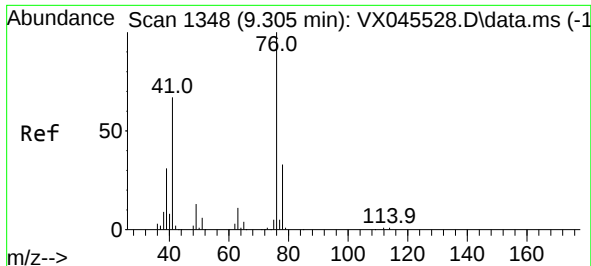
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#56
Ethyl methacrylate
Concen: 19.520 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.0	61.3	91.9
39	49.0	40.2	60.2





#57

1,3-Dichloropropane

Concen: 19.398 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

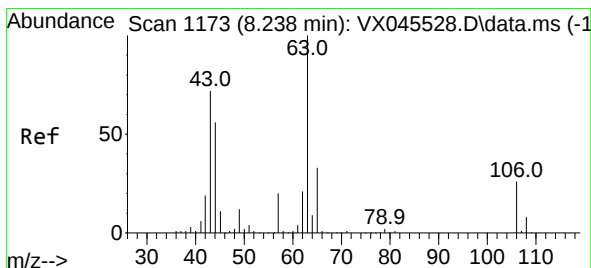
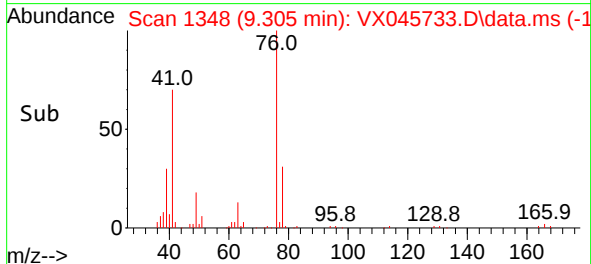
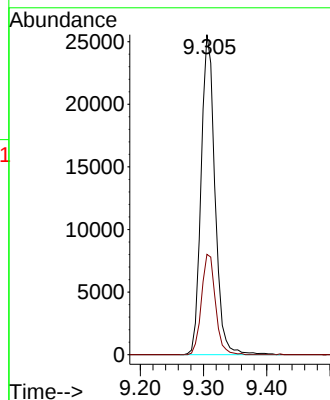
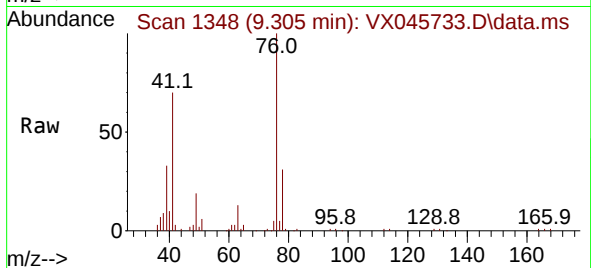
Tgt Ion: 76 Resp: 3905
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 103.408 ug/l

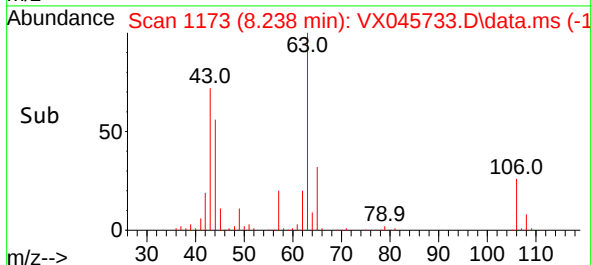
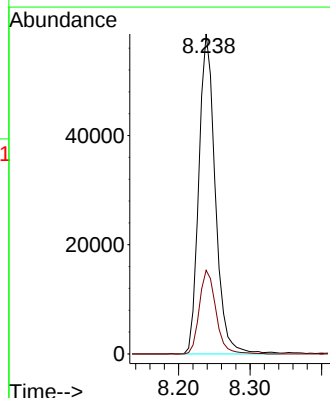
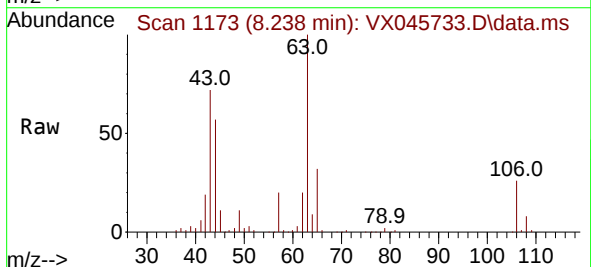
RT: 8.238 min Scan# 1173

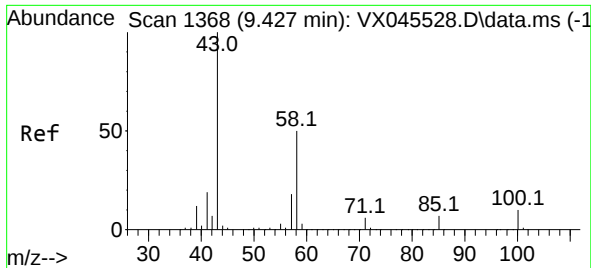
Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Tgt Ion: 63 Resp: 93610
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.0 31.6





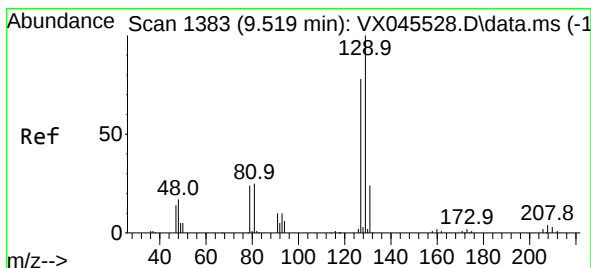
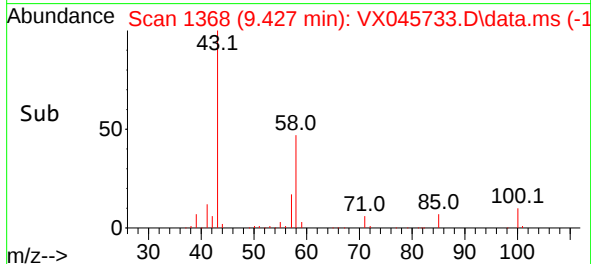
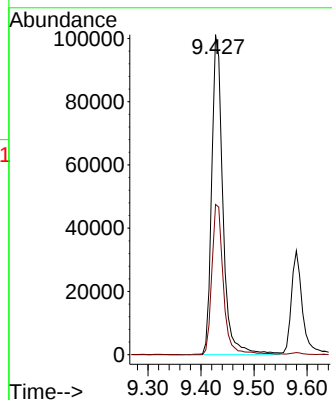
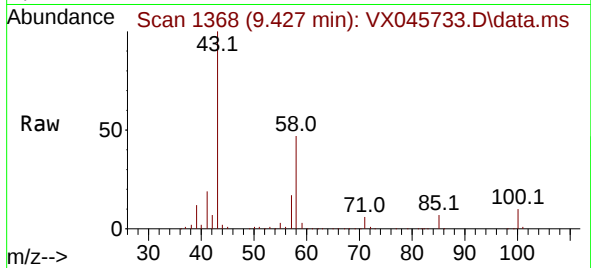
#59
2-Hexanone
Concen: 100.631 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion: 43 Resp: 148152
Ion Ratio Lower Upper
43 100
58 48.6 24.9 74.6

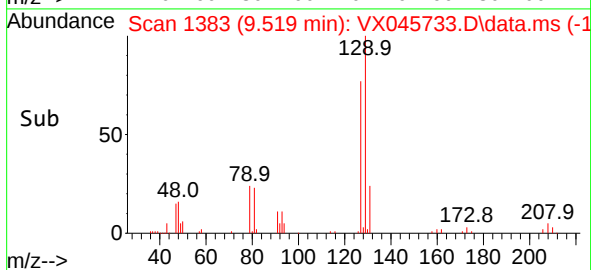
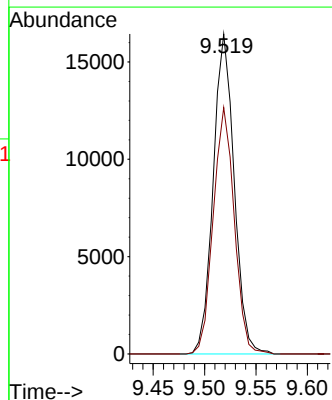
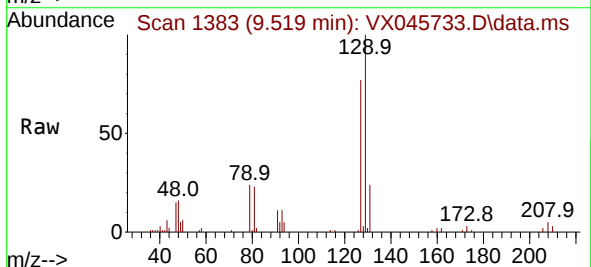
Manual Integrations
APPROVED

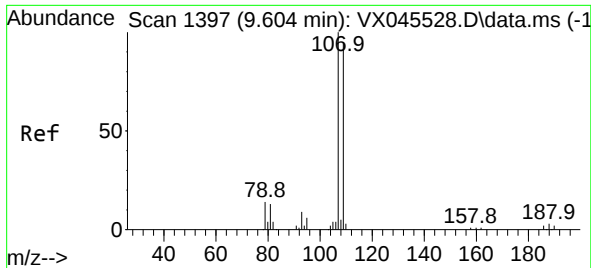
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#60
Dibromochloromethane
Concen: 18.479 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

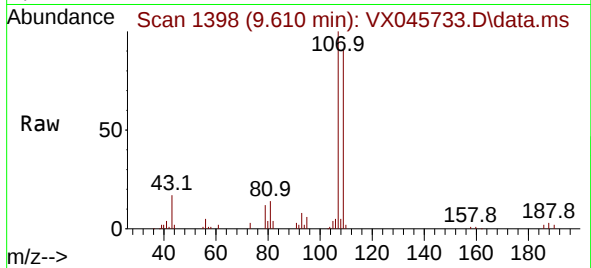
Tgt Ion:129 Resp: 23294
Ion Ratio Lower Upper
129 100
127 77.2 39.4 118.2





#61
1,2-Dibromoethane
Concen: 18.642 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

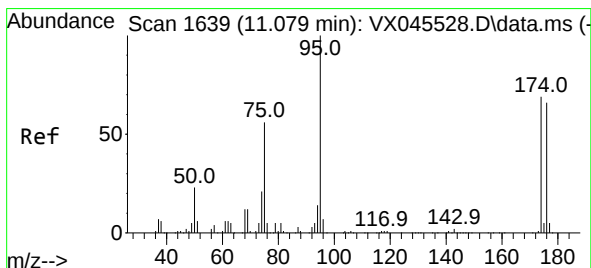
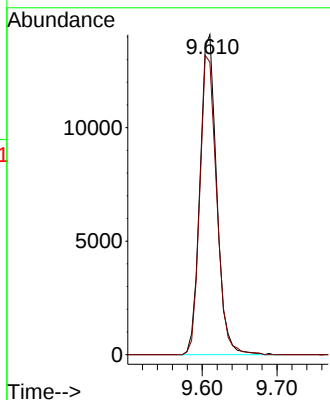
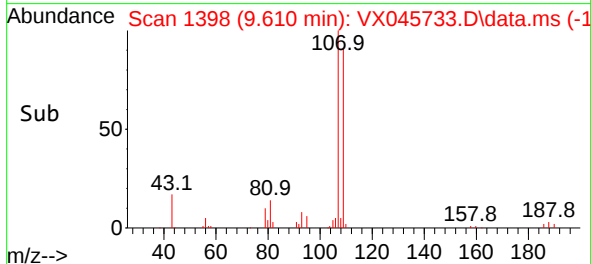
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



Tgt Ion:107 Resp: 2182
Ion Ratio Lower Upper
107 100
109 94.7 75.7 113.5

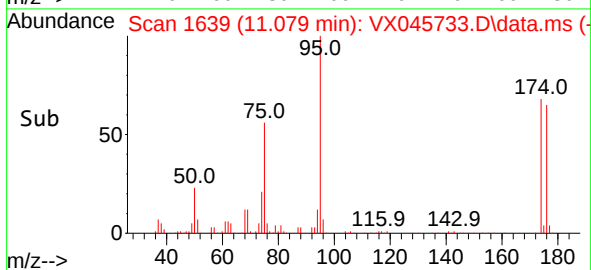
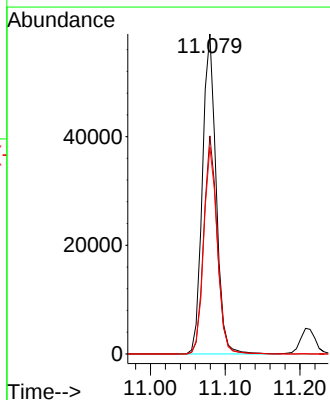
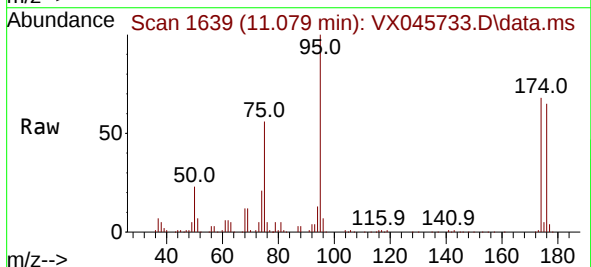
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#62
4-Bromofluorobenzene
Concen: 50.570 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

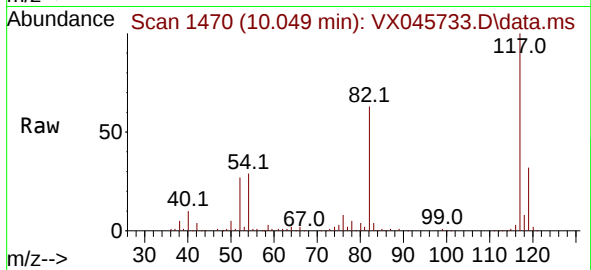
Tgt Ion: 95 Resp: 74766
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 64.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

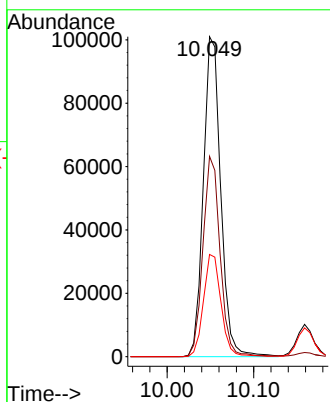
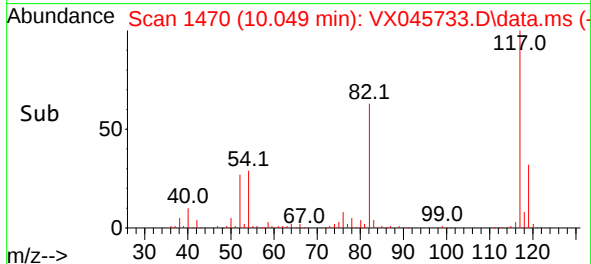
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



Tgt Ion:117 Resp: 14088
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 32.0 25.1 37.7

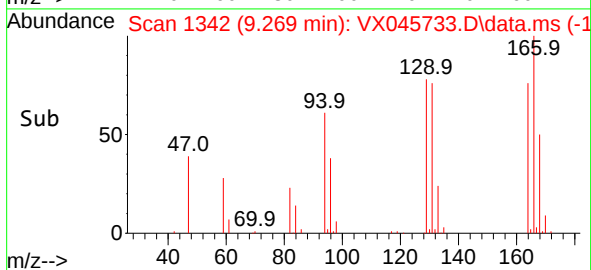
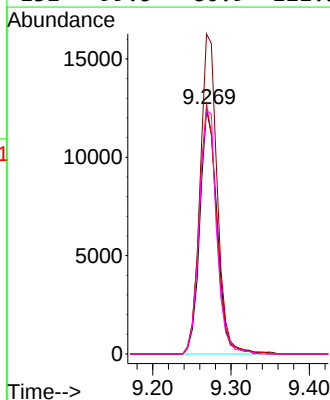
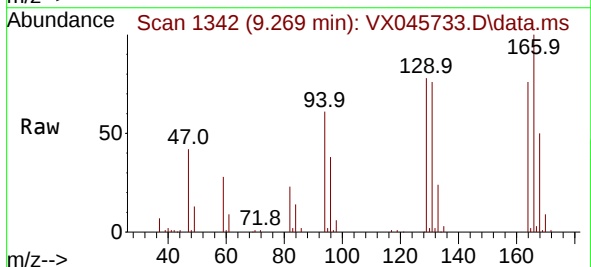
Manual Integrations
APPROVED

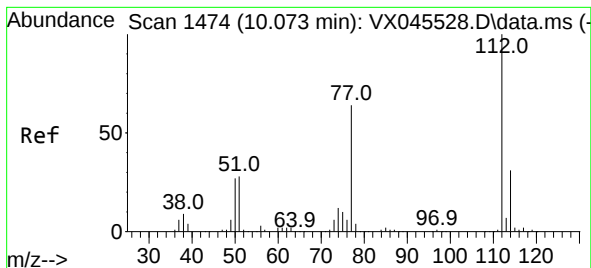
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#64
Tetrachloroethene
Concen: 19.167 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Tgt Ion:164 Resp: 19066
Ion Ratio Lower Upper
164 100
166 130.8 103.8 155.8
129 101.8 84.3 126.5
131 99.5 80.9 121.3





#65

Chlorobenzene

Concen: 18.962 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tgt Ion:112 Resp: 5708

Ion Ratio Lower Upper

112 100

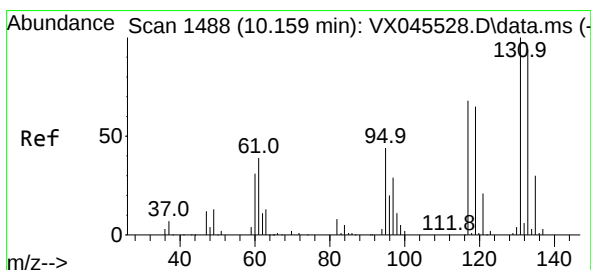
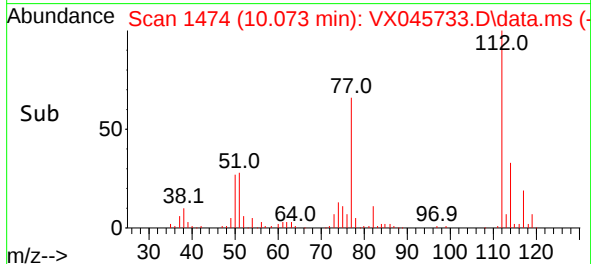
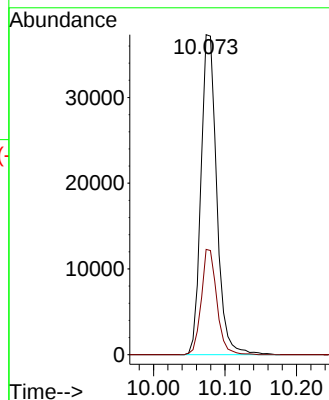
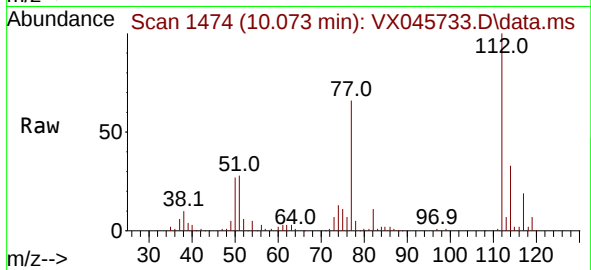
114 32.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 18.518 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

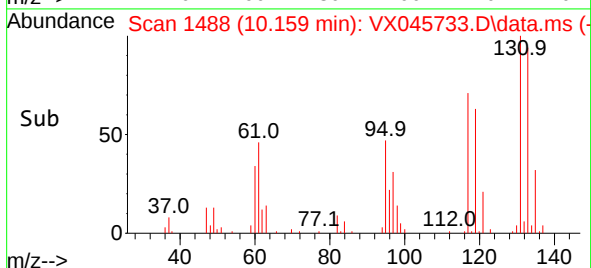
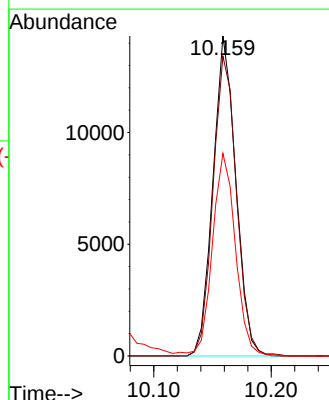
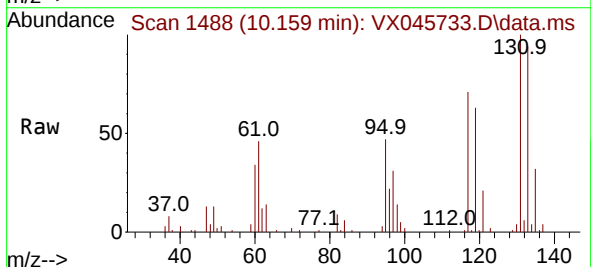
Tgt Ion:131 Resp: 19355

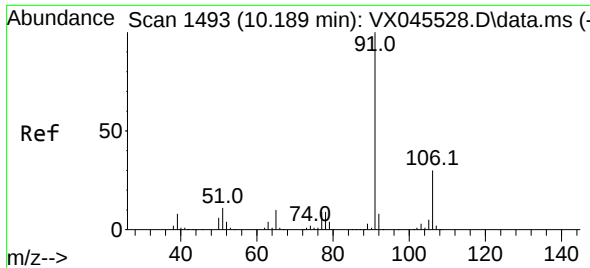
Ion Ratio Lower Upper

131 100

133 96.3 47.5 142.5

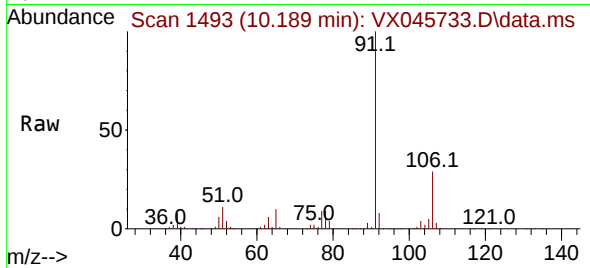
119 63.4 32.9 98.6





#67
Ethyl Benzene
Concen: 18.957 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

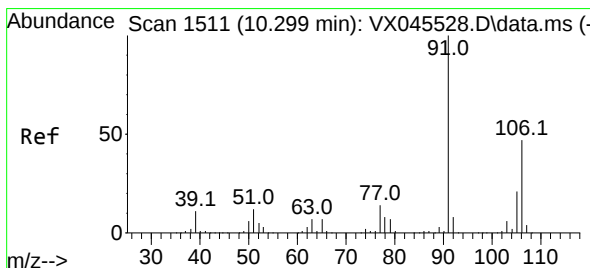
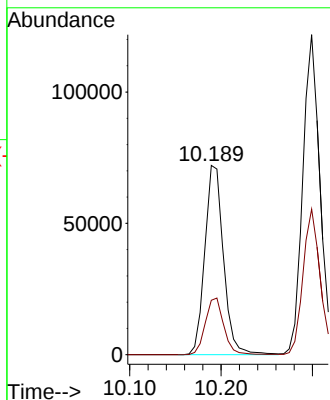
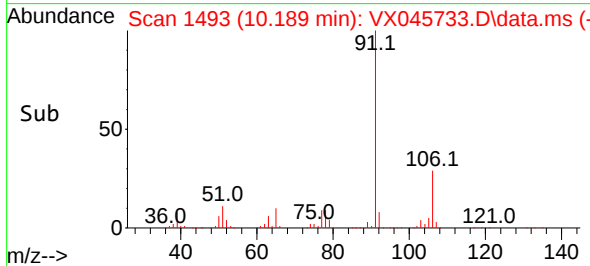
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



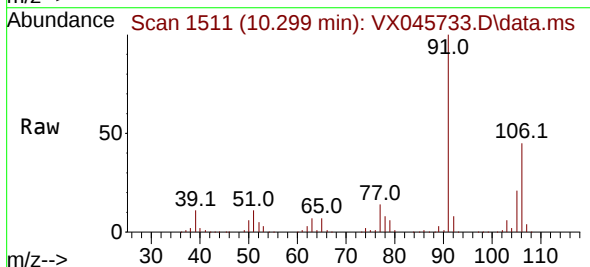
Tgt Ion: 91 Resp: 10221
Ion Ratio Lower Upper
91 100
106 28.7 23.7 35.5

Manual Integrations
APPROVED

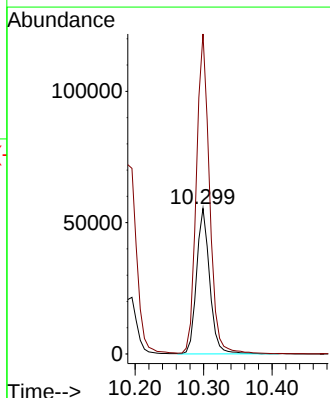
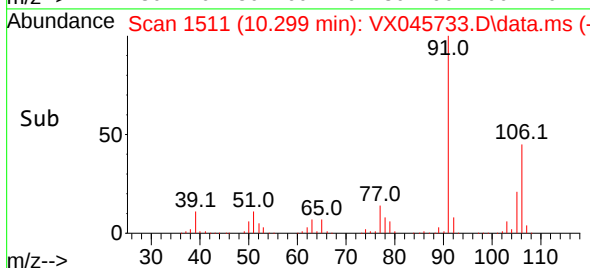
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

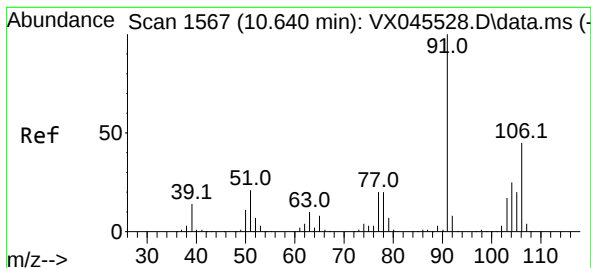


#68
m/p-Xylenes
Concen: 37.692 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55



Tgt Ion:106 Resp: 73917
Ion Ratio Lower Upper
106 100
91 219.9 172.6 258.8





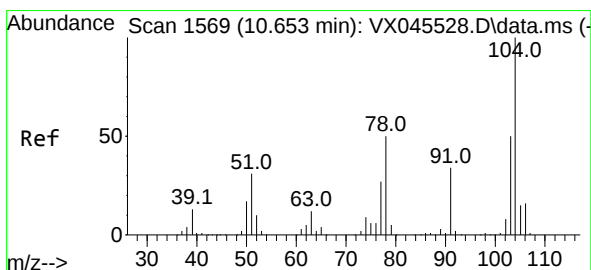
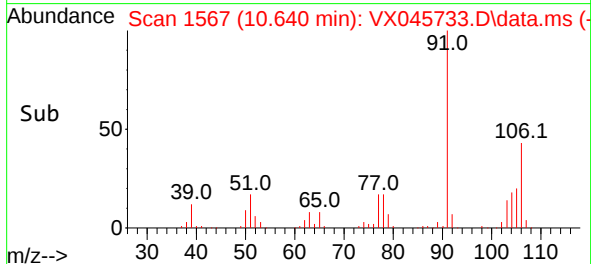
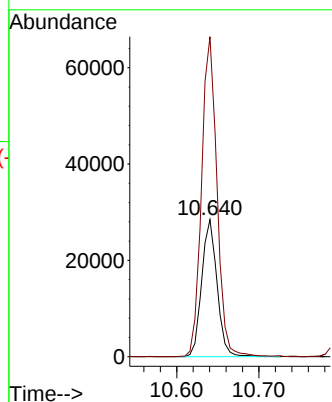
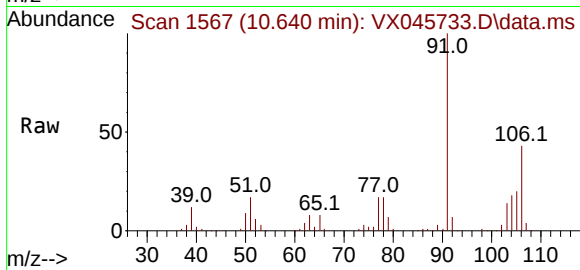
#69
o-Xylene
Concen: 19.111 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion:106 Resp: 36919
Ion Ratio Lower Upper
106 100
91 235.4 113.6 340.6

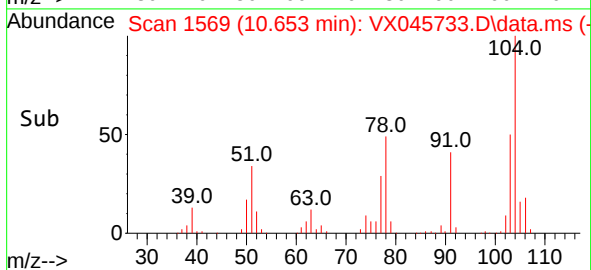
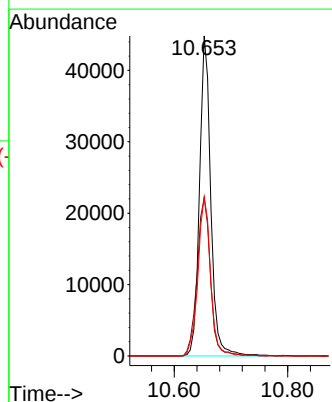
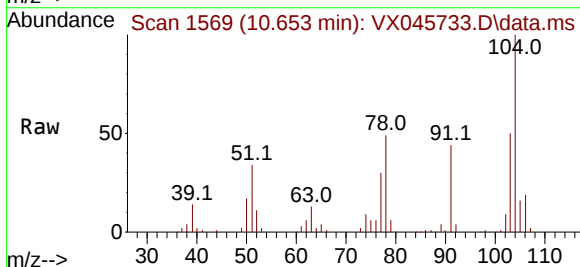
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#70
Styrene
Concen: 19.348 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Tgt Ion:104 Resp: 61692
Ion Ratio Lower Upper
104 100
78 58.3 45.4 68.2
103 56.1 43.8 65.8





#71

Bromoform

Concen: 17.924 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

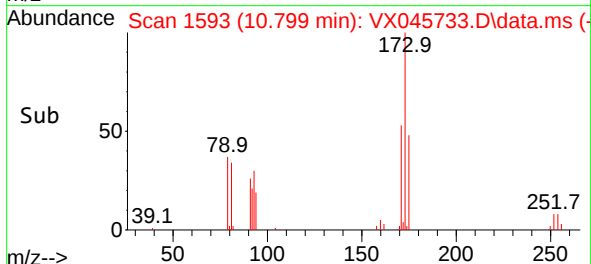
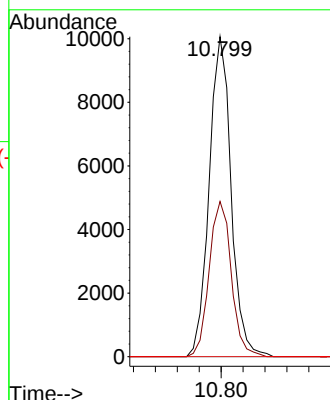
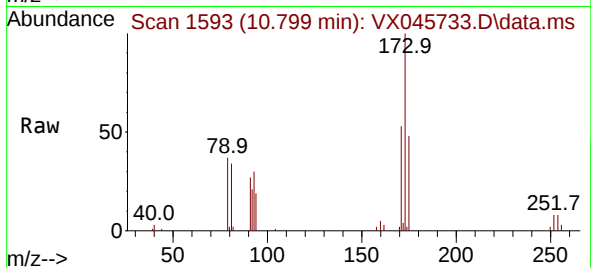
Tgt Ion:173	Resp:	1398
Ion Ratio	Lower	Upper
173	100	
175	48.9	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

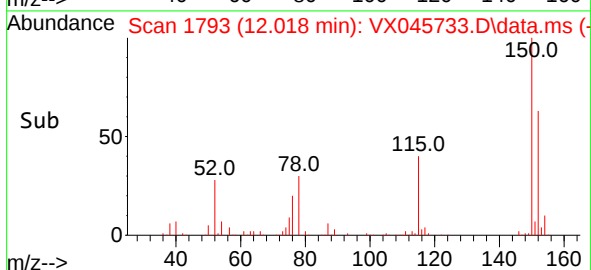
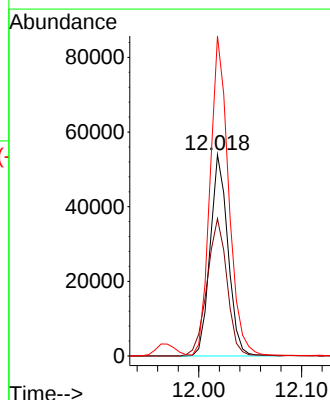
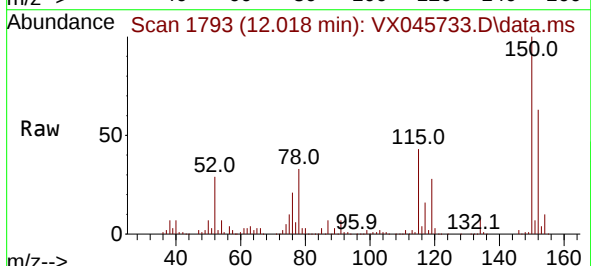
RT: 12.018 min Scan# 1793

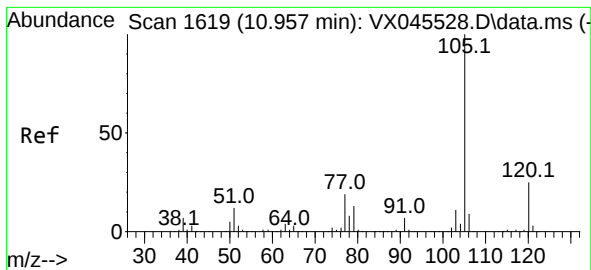
Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Tgt Ion:152	Resp:	64715
Ion Ratio	Lower	Upper
152	100	
115	76.4	46.9 140.7
150	165.8	0.0 349.4





#73

Isopropylbenzene

Concen: 18.994 ug/l

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tgt Ion:105 Resp: 9846

Ion Ratio Lower Upper

105 100

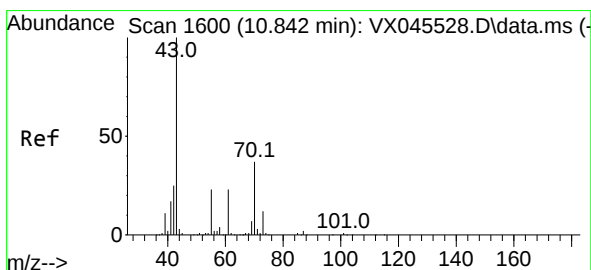
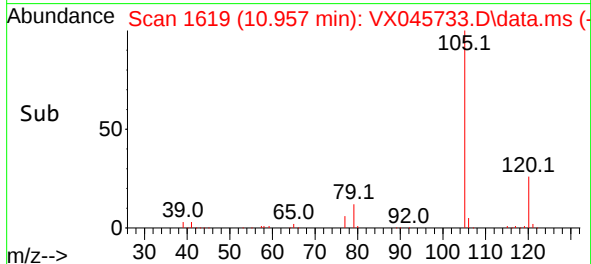
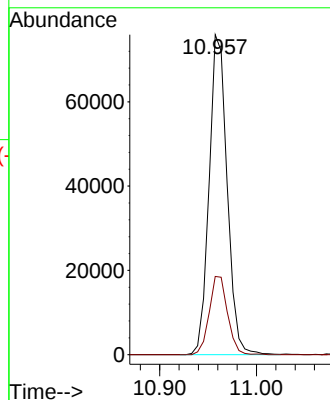
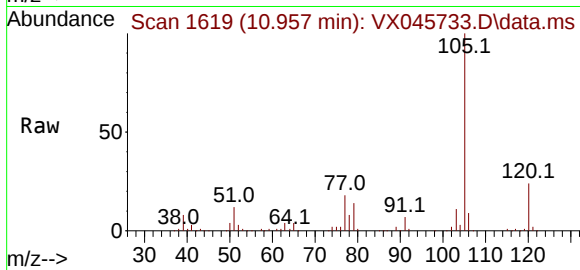
120 24.9 12.7 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#74

N-ethyl acetate

Concen: 19.784 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Tgt Ion: 43 Resp: 49056

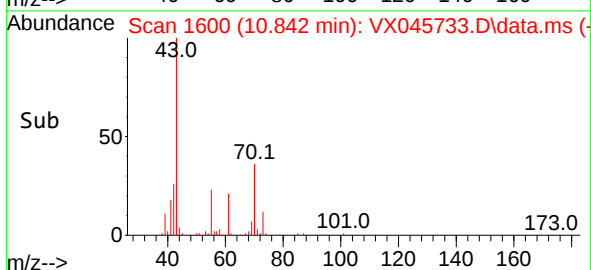
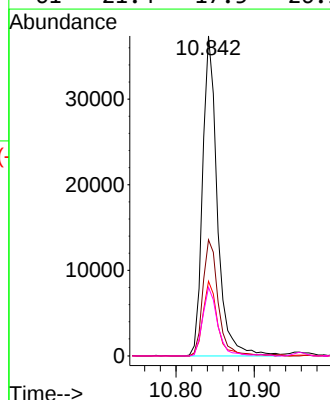
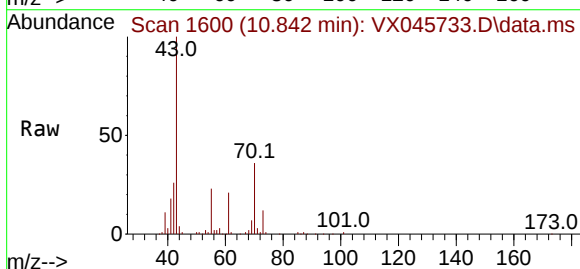
Ion Ratio Lower Upper

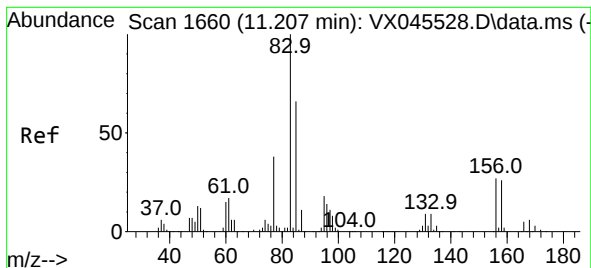
43 100

70 37.9 30.1 45.1

55 23.3 18.3 27.5

61 21.4 17.5 26.3





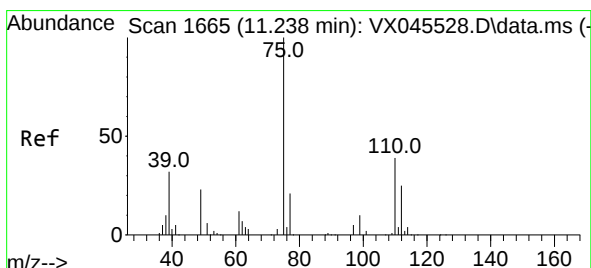
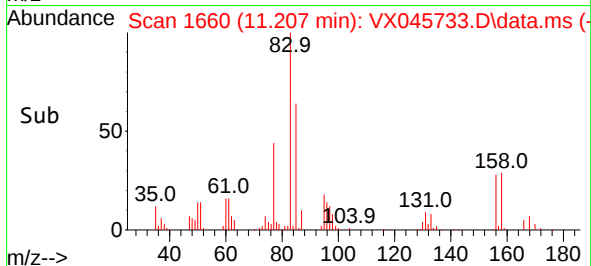
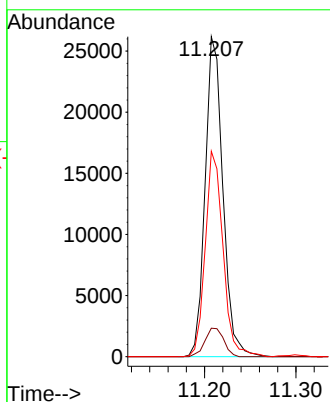
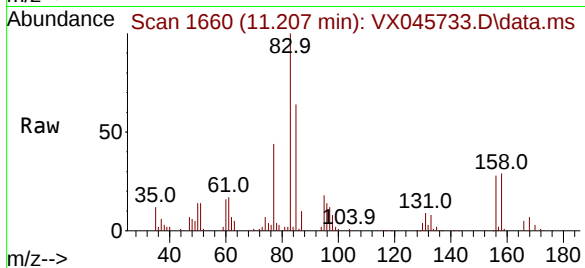
#75
1,1,2,2-Tetrachloroethane
Concen: 19.330 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion: 83 Resp: 35200
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 64.3 32.4 97.2

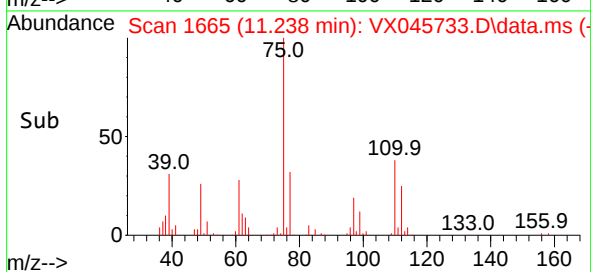
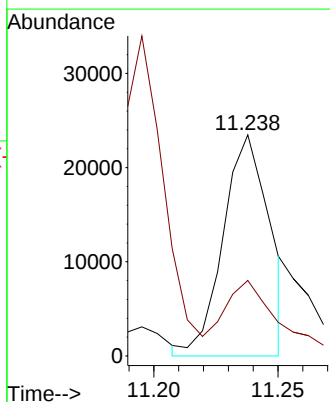
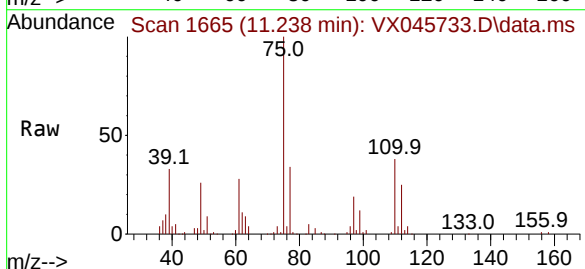
Manual Integrations
APPROVED

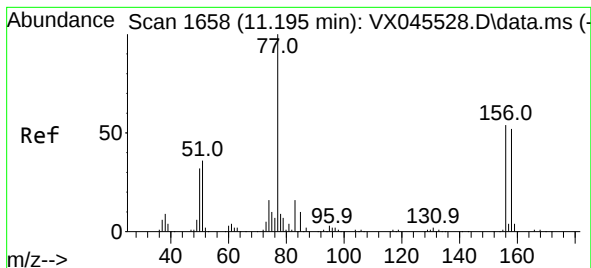
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#76
1,2,3-Trichloropropane
Concen: 19.306 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Tgt Ion: 75 Resp: 30476
Ion Ratio Lower Upper
75 100
77 40.5 20.0 59.9





#77

Bromobenzene

Concen: 18.691 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

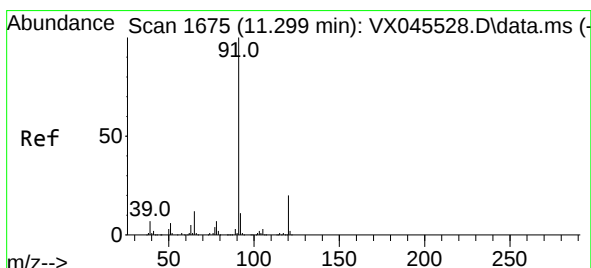
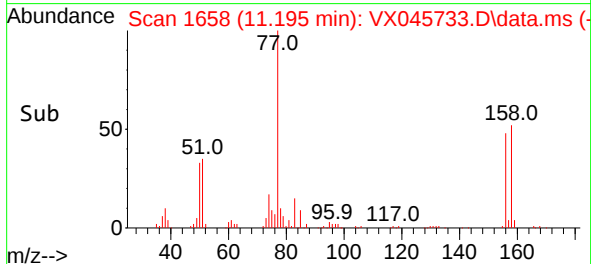
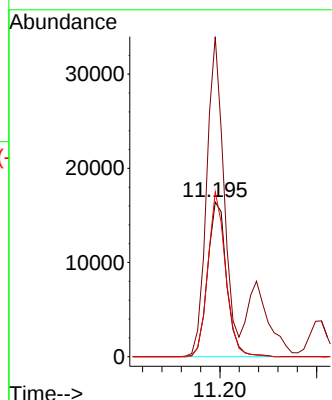
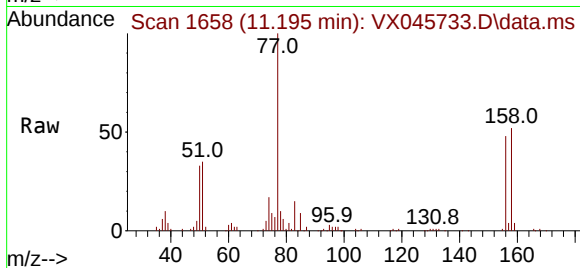
Tgt Ion:	156	Resp:	2238
Ion Ratio	Lower	Upper	
156	100		
77	188.3	92.6	277.8
158	100.1	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#78

n-propylbenzene

Concen: 19.111 ug/l

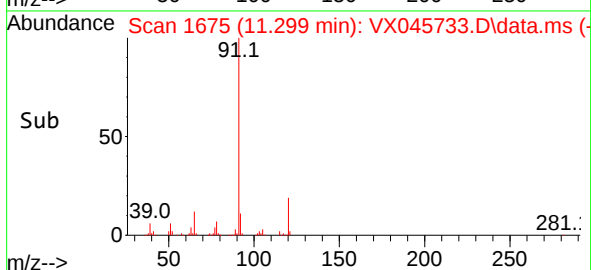
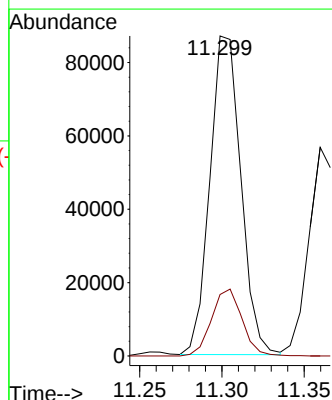
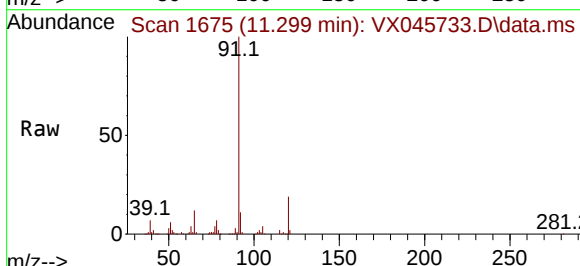
RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

Tgt Ion:	91	Resp:	114109
Ion Ratio	Lower	Upper	
91	100		
120	20.7	10.8	32.3





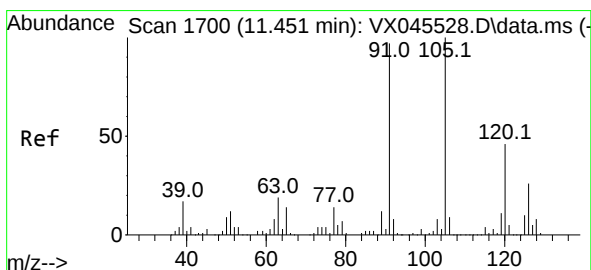
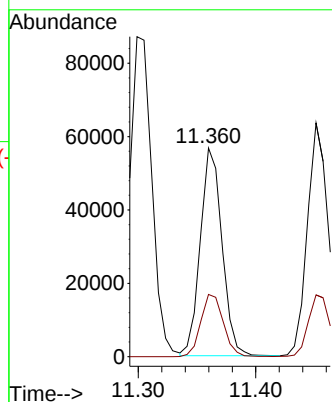
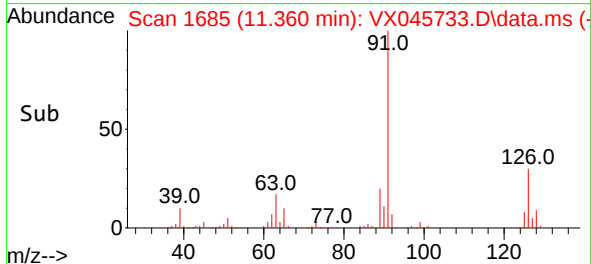
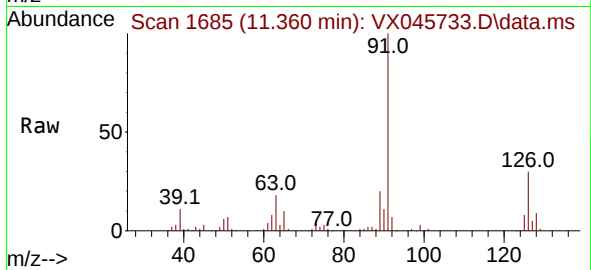
#79
2-Chlorotoluene
Concen: 19.016 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tgt Ion: 91 Resp: 7258
Ion Ratio Lower Upper
91 100
126 31.3 15.8 47.4

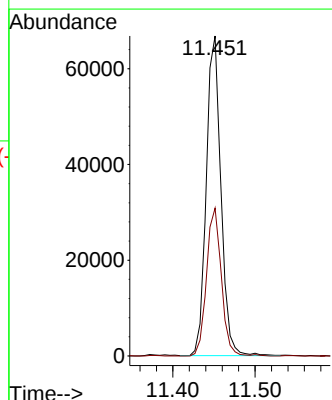
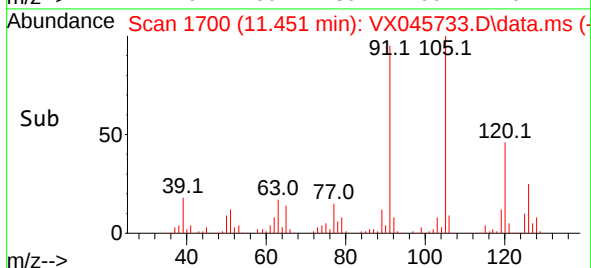
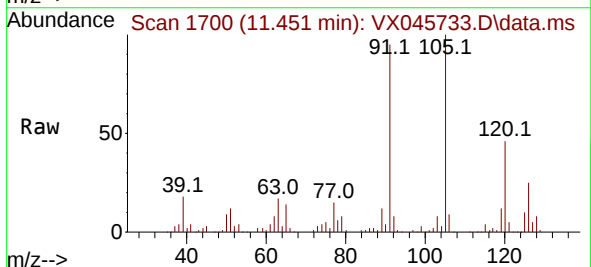
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.276 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

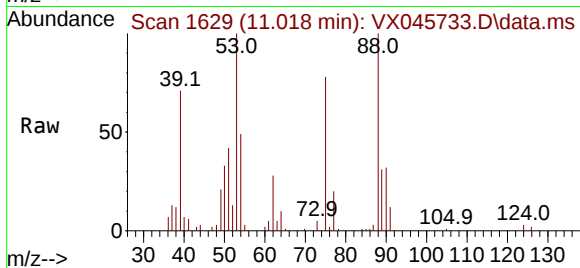
Tgt Ion:105 Resp: 82627
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.256 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

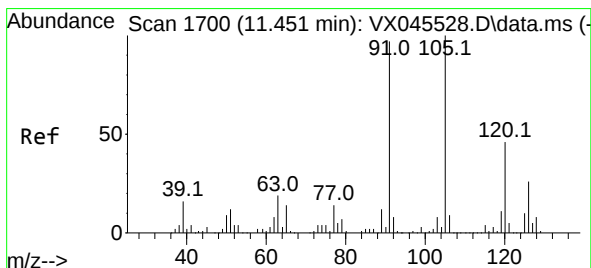
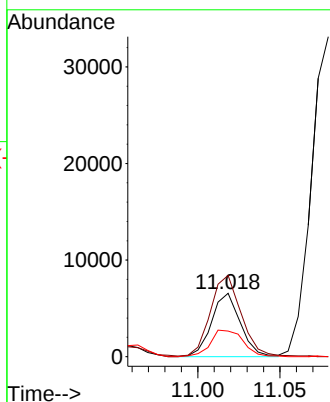
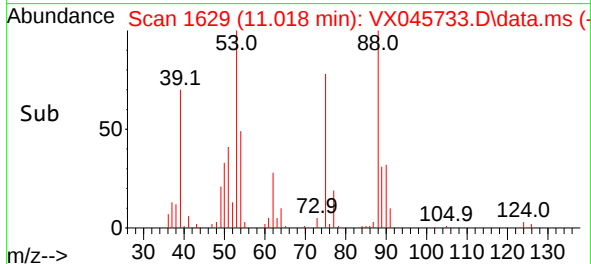
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



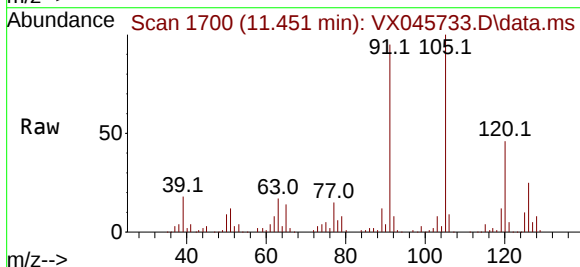
Tgt Ion: 75 Resp: 8020
Ion Ratio Lower Upper
75 100
53 137.7 101.8 152.6
89 47.6 37.2 55.8

Manual Integrations
APPROVED

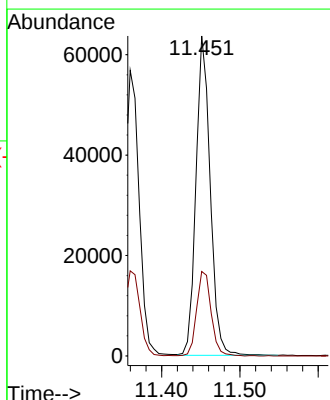
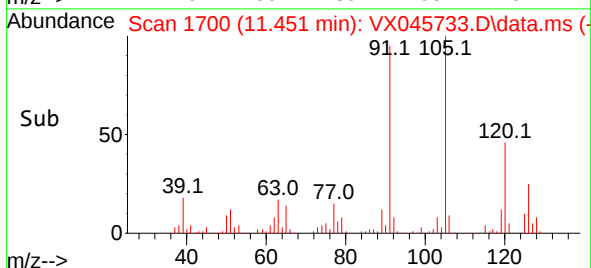
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#82
4-Chlorotoluene
Concen: 18.901 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55



Tgt Ion: 91 Resp: 80441
Ion Ratio Lower Upper
91 100
126 27.1 13.3 39.9





#83

tert-Butylbenzene

Concen: 19.303 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045733.D

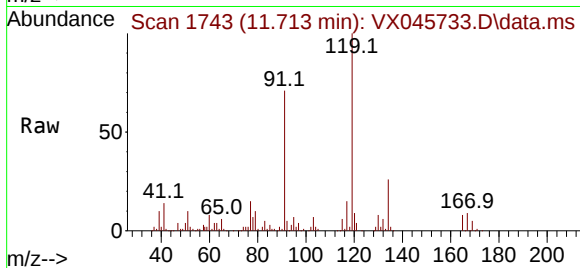
Acq: 11 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01



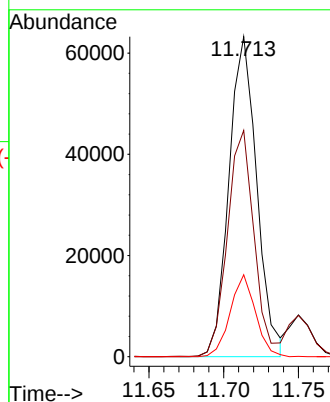
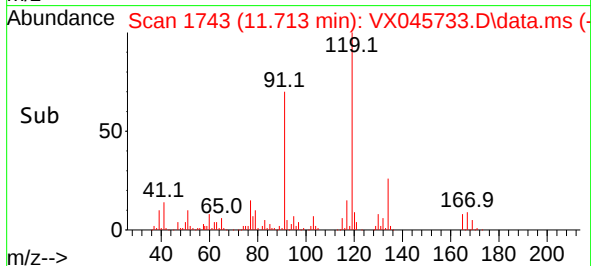
Tgt Ion:	119	Resp:	81910
Ion Ratio	Lower	Upper	
119	100		
91	67.0	32.4	97.2
134	23.3	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.476 ug/l

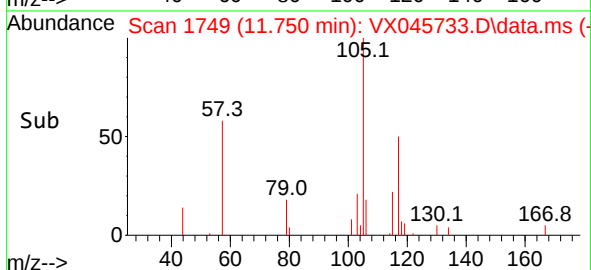
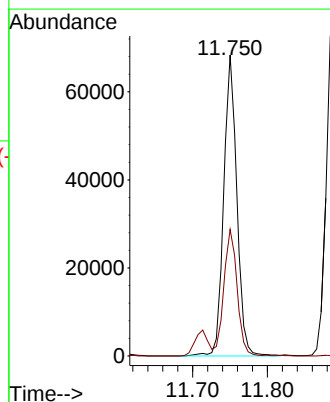
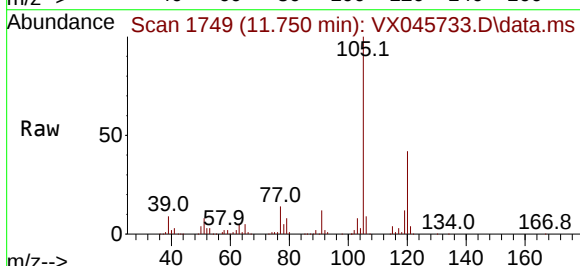
RT: 11.750 min Scan# 1749

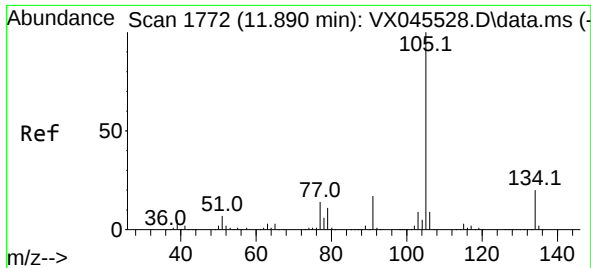
Delta R.T. 0.000 min

Lab File: VX045733.D

Acq: 11 Apr 2025 11:55

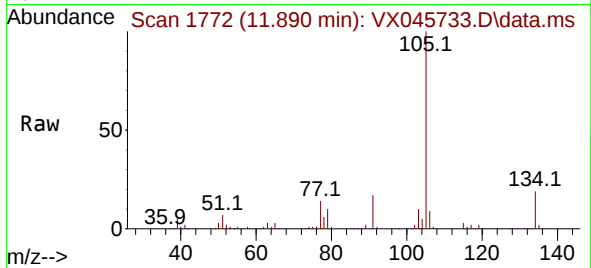
Tgt Ion:	105	Resp:	83790
Ion Ratio	Lower	Upper	
105	100		
120	42.3	21.4	64.3





#85
 sec-Butylbenzene
 Concen: 19.303 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045733.D
 Acq: 11 Apr 2025 11:55

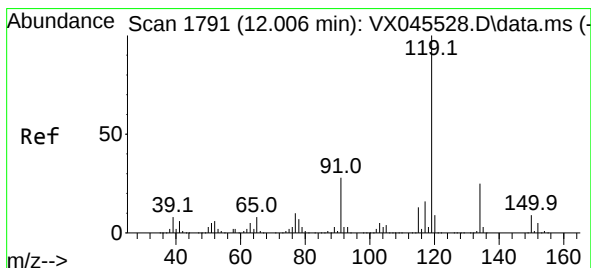
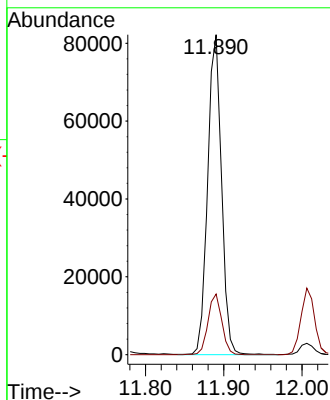
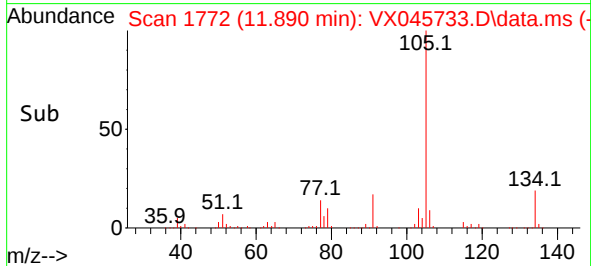
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01



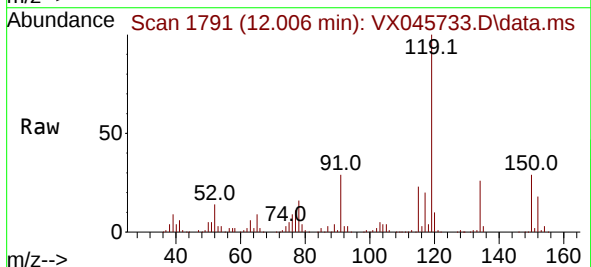
Tgt Ion:105 Resp: 100614
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6

Manual Integrations
 APPROVED

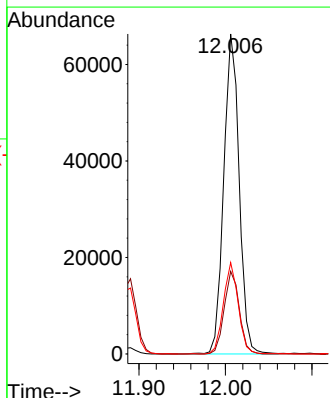
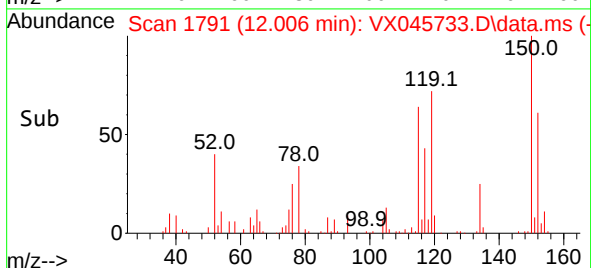
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#86
 p-Isopropyltoluene
 Concen: 19.086 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045733.D
 Acq: 11 Apr 2025 11:55



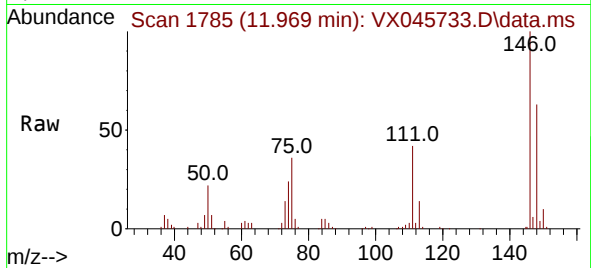
Tgt Ion:119 Resp: 82019
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 27.6 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 18.850 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

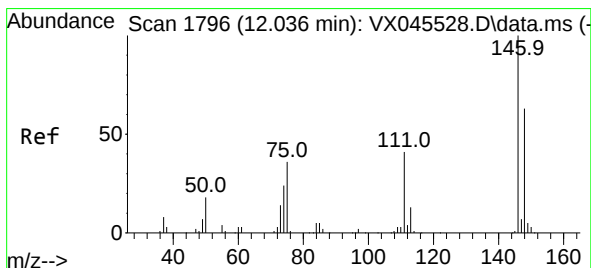
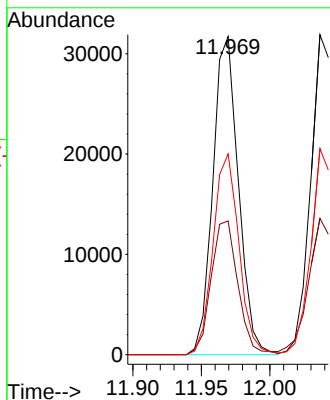
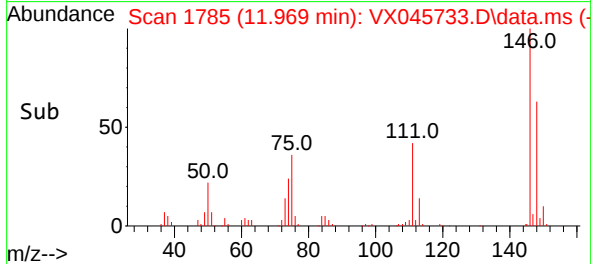
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



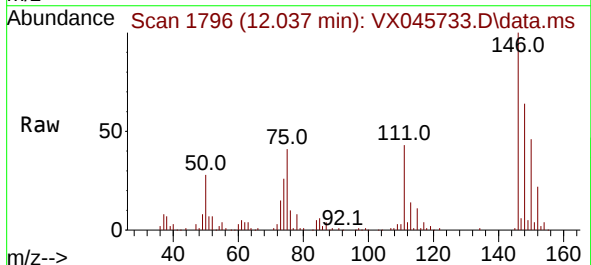
Tgt Ion:146 Resp: 41097
Ion Ratio Lower Upper
146 100
111 44.0 22.2 66.6
148 63.9 31.9 95.7

Manual Integrations
APPROVED

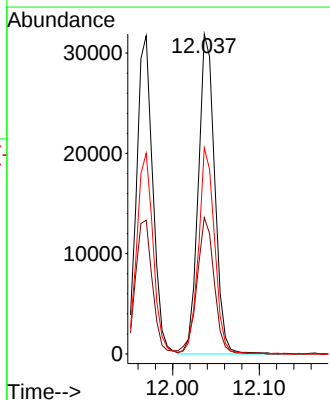
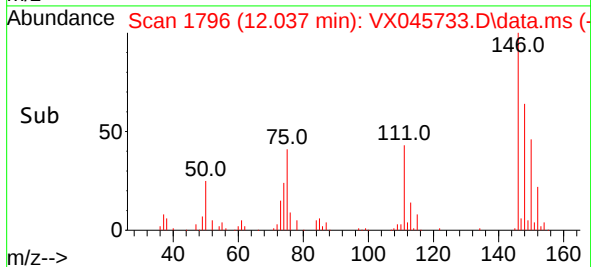
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#88
1,4-Dichlorobenzene
Concen: 19.032 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55



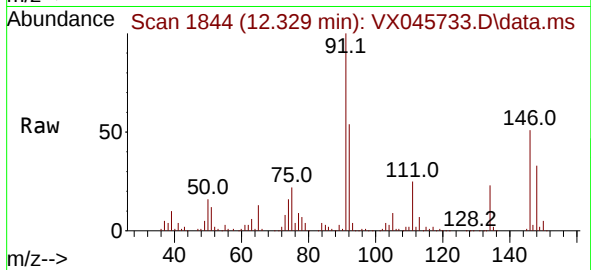
Tgt Ion:146 Resp: 42067
Ion Ratio Lower Upper
146 100
111 44.4 20.9 62.8
148 63.3 31.5 94.5





#89
n-Butylbenzene
Concen: 18.556 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

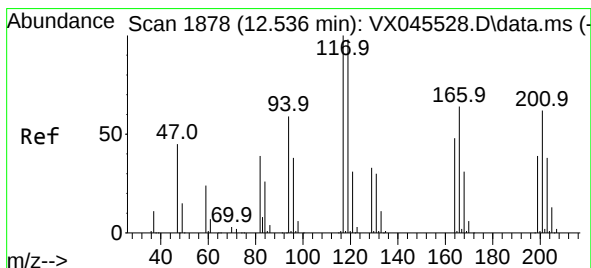
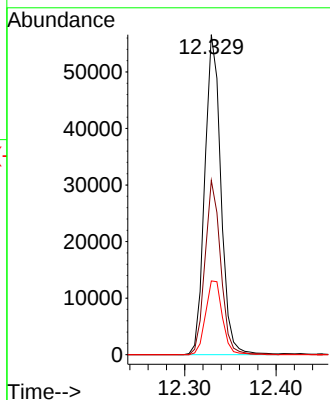
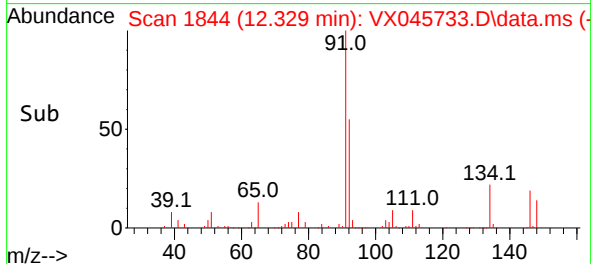
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



Tgt Ion: 91 Resp: 69149
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.6
134 24.1 11.9 35.7

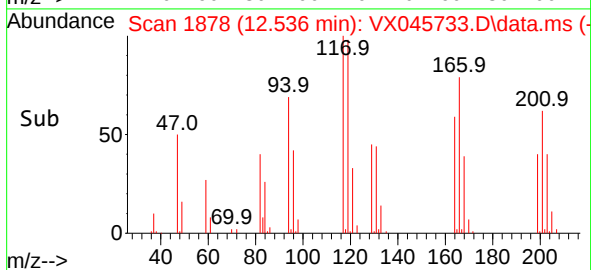
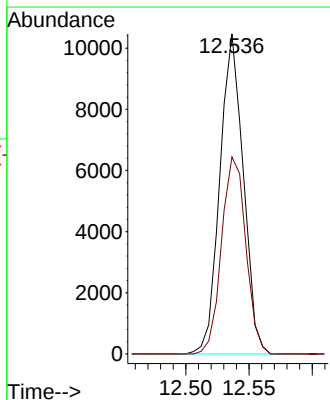
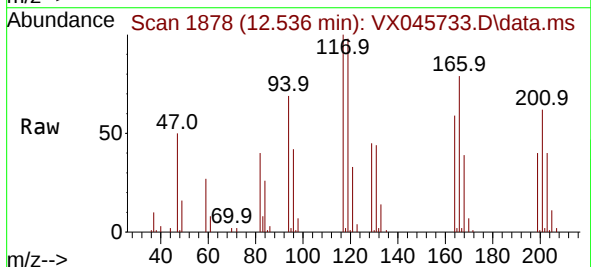
Manual Integrations
APPROVED

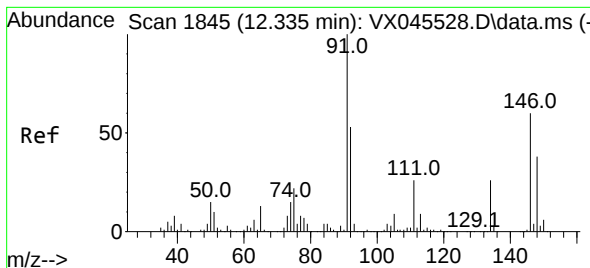
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#90
Hexachloroethane
Concen: 18.250 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

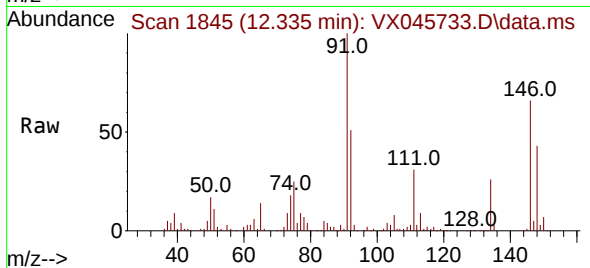
Tgt Ion:117 Resp: 13478
Ion Ratio Lower Upper
117 100
201 63.8 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 19.371 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

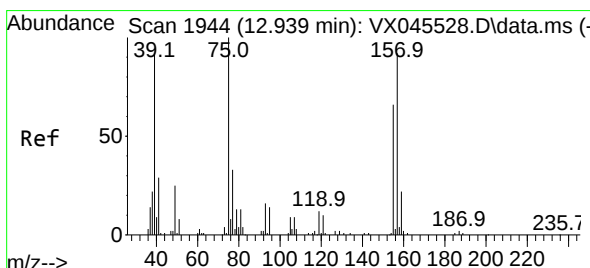
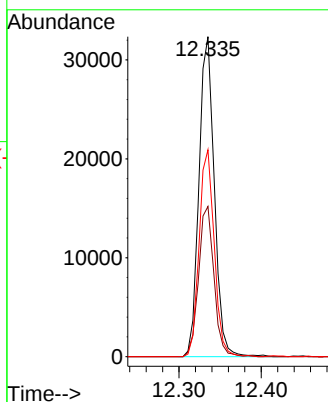
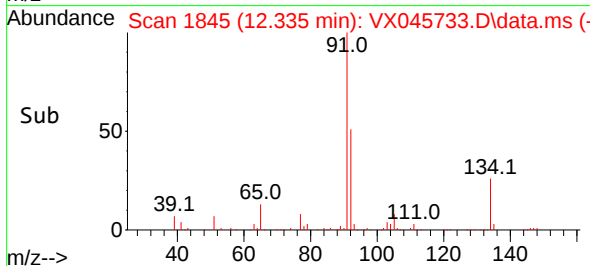
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



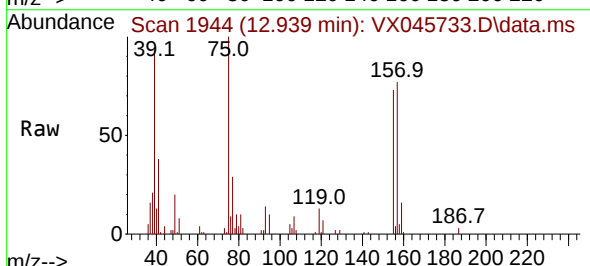
Tgt Ion:146 Resp: 41989
Ion Ratio Lower Upper
146 100
111 47.1 22.9 68.8
148 63.6 31.9 95.5

Manual Integrations
APPROVED

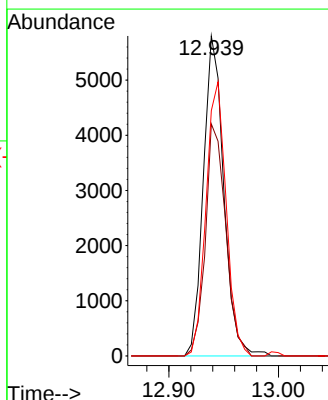
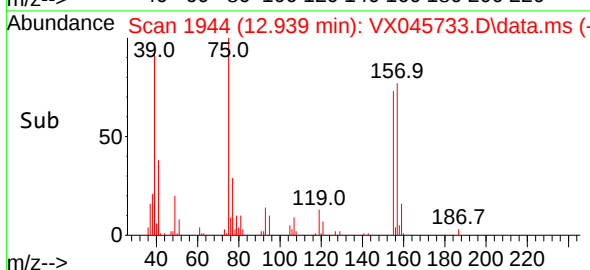
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.678 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55



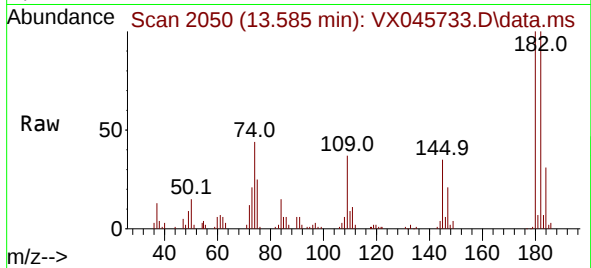
Tgt Ion: 75 Resp: 7494
Ion Ratio Lower Upper
75 100
155 72.1 34.9 104.7
157 84.7 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 18.258 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

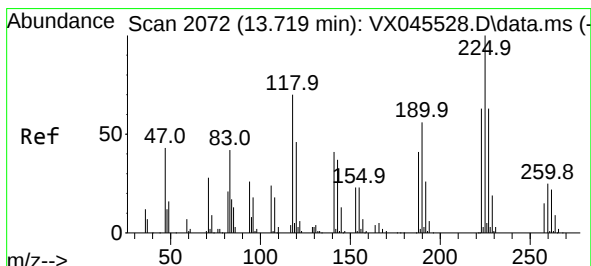
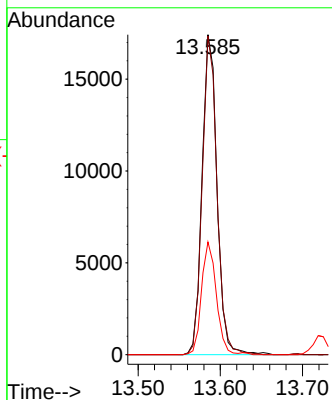
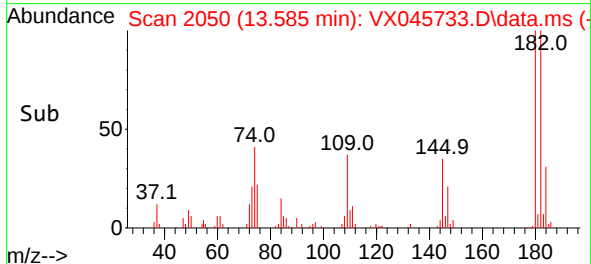
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



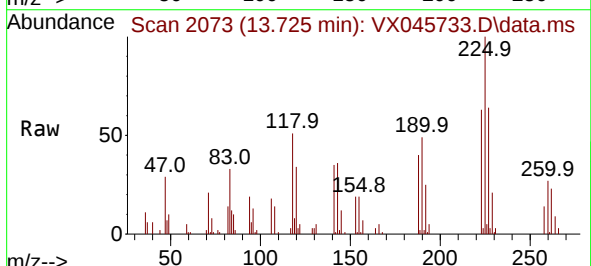
Tgt Ion:180 Resp: 22029
Ion Ratio Lower Upper
180 100
182 98.0 47.9 143.6
145 35.0 17.9 53.8

Manual Integrations
APPROVED

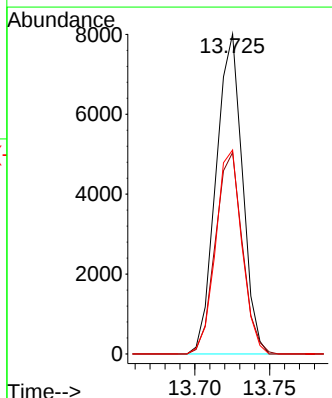
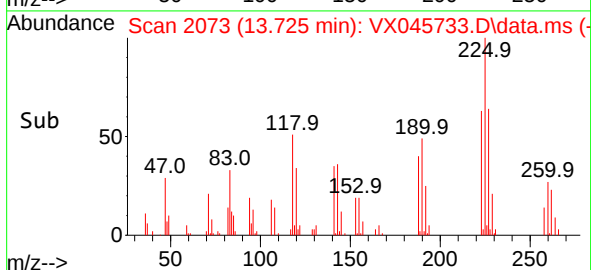
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

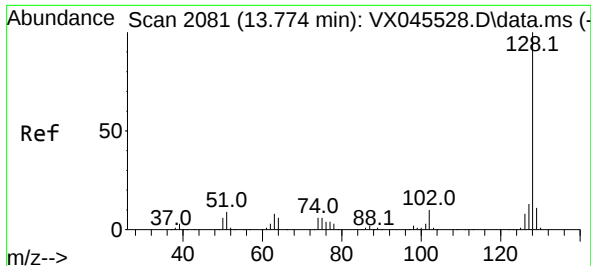


#94
Hexachlorobutadiene
Concen: 18.901 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55



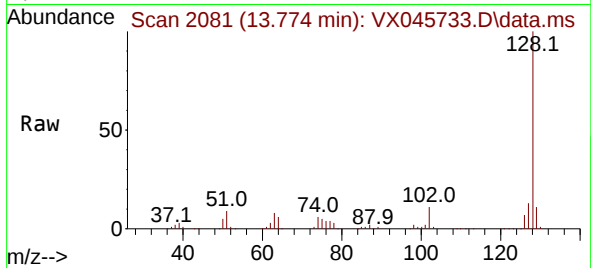
Tgt Ion:225 Resp: 9827
Ion Ratio Lower Upper
225 100
223 64.3 31.1 93.3
227 63.5 32.2 96.6





#95
Naphthalene
Concen: 19.203 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55

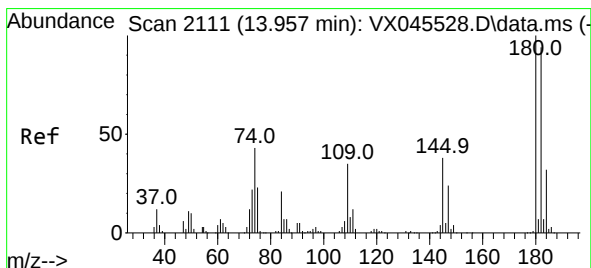
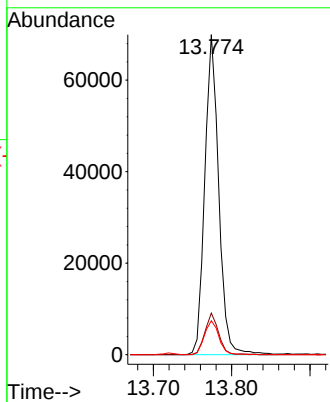
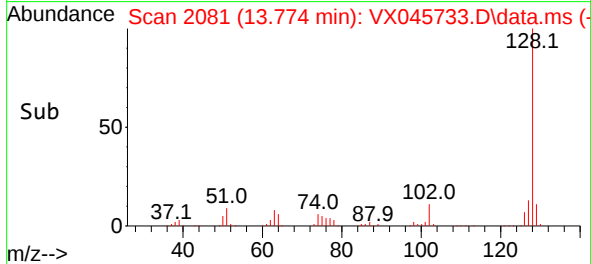
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01



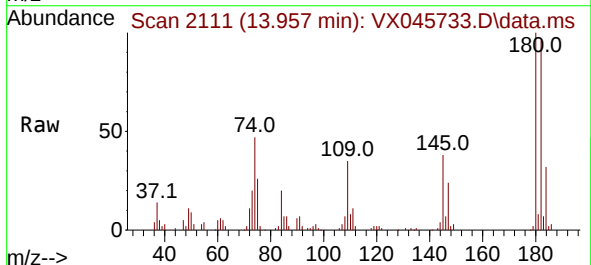
Tgt Ion:128 Resp: 8622
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.866 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045733.D
Acq: 11 Apr 2025 11:55



Tgt Ion:180 Resp: 23835
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.8
145 36.8 18.2 54.6

