

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020867.D
 Acq On : 17 Jan 2025 19:50
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 23:31:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	170581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	269164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	237457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	122210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	80324	55.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.800%	
35) Dibromofluoromethane	7.634	113	86692	51.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.820%	
50) Toluene-d8	10.109	98	322847	54.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.840%	
62) 4-Bromofluorobenzene	12.408	95	113628	52.344	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	48567	38.795	ug/l	99
3) Chloromethane	2.074	50	33615	50.997	ug/l	97
4) Vinyl Chloride	2.208	62	36455	49.750	ug/l	97
5) Bromomethane	2.598	94	26298	50.388	ug/l	97
6) Chloroethane	2.739	64	24656	54.559	ug/l	94
7) Trichlorofluoromethane	3.068	101	98101	43.621	ug/l	96
8) Diethyl Ether	3.458	74	36126	51.367	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	69940	46.052	ug/l	99
10) Methyl Iodide	4.007	142	81741	50.223	ug/l	95
11) Tert butyl alcohol	4.866	59	25576	233.449	ug/l	98
12) 1,1-Dichloroethene	3.793	96	62956	47.327	ug/l	97
13) Acrolein	3.659	56	4955	161.050	ug/l	95
14) Allyl chloride	4.391	41	98359	51.251	ug/l	94
15) Acrylonitrile	5.061	53	77156	258.133	ug/l	99
16) Acetone	3.873	43	52302	253.676	ug/l	96
17) Carbon Disulfide	4.110	76	139715	48.415	ug/l	100
18) Methyl Acetate	4.391	43	39948	57.384	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	188356	50.173	ug/l	100
20) Methylene Chloride	4.622	84	75294	52.880	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	72034	49.173	ug/l	98
22) Diisopropyl ether	6.019	45	235572	57.622	ug/l	95
23) Vinyl Acetate	5.964	43	602982	267.503	ug/l	97
24) 1,1-Dichloroethane	5.921	63	139882	51.861	ug/l	100
25) 2-Butanone	6.896	43	90492	267.191	ug/l	99
26) 2,2-Dichloropropane	6.890	77	117358	41.907	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	95346	51.587	ug/l	99
28) Bromochloromethane	7.250	49	44231	60.772	ug/l	94
29) Tetrahydrofuran	7.262	42	59005	272.732	ug/l	95
30) Chloroform	7.421	83	156263	50.802	ug/l	97
31) Cyclohexane	7.707	56	95307	45.175	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	138793	46.259	ug/l	99
36) 1,1-Dichloropropene	7.841	75	95786	44.534	ug/l	100
37) Ethyl Acetate	6.982	43	41649	48.659	ug/l	98
38) Carbon Tetrachloride	7.823	117	124563	41.604	ug/l	97
39) Methylcyclohexane	9.109	83	114855	43.516	ug/l	98
40) Benzene	8.085	78	319273	48.365	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	23697	48.343	ug/l #	94
42) 1,2-Dichloroethane	8.158	62	84370	46.801	ug/l	99
43) Isopropyl Acetate	8.195	43	86308	49.576	ug/l	98
44) Trichloroethene	8.866	130	84634	45.991	ug/l	99
45) 1,2-Dichloropropane	9.146	63	76910	51.393	ug/l	98
46) Dibromomethane	9.231	93	42991	50.027	ug/l	98
47) Bromodichloromethane	9.426	83	121458	49.350	ug/l	99
48) Methyl methacrylate	9.225	41	37919	48.584	ug/l	97
49) 1,4-Dioxane	9.231	88	8915	977.083	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	223532	257.008	ug/l	98
52) Toluene	10.170	92	209537	47.934	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	104137	47.574	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	121820	47.919	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	59997	48.869	ug/l	95
56) Ethyl methacrylate	10.438	69	78134	50.393	ug/l	98
57) 1,3-Dichloropropane	10.719	76	100807	50.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	156233	253.999	ug/l	98
59) 2-Hexanone	10.762	43	144758	259.430	ug/l	98
60) Dibromochloromethane	10.914	129	87727	49.269	ug/l	100
61) 1,2-Dibromoethane	11.018	107	55068	49.962	ug/l	99
64) Tetrachloroethene	10.646	164	74323	42.572	ug/l	97
65) Chlorobenzene	11.444	112	241220	45.945	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	91455	45.758	ug/l	98
67) Ethyl Benzene	11.518	91	413248	45.463	ug/l	98
68) m/p-Xylenes	11.633	106	315665	90.198	ug/l	98
69) o-Xylene	11.957	106	152842	46.061	ug/l	98
70) Styrene	11.969	104	262780	47.045	ug/l	98
71) Bromoform	12.133	173	52657	46.345	ug/l #	98
73) Isopropylbenzene	12.255	105	409599	42.248	ug/l	100
74) N-amyl acetate	12.072	43	75815	47.806	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	67431	45.889	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	83687	78.262	ug/l #	100
77) Bromobenzene	12.536	156	99808	44.651	ug/l	100
78) n-propylbenzene	12.597	91	471484	42.845	ug/l	99
79) 2-Chlorotoluene	12.682	91	277144	43.734	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	335816	42.740	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	21620	42.632	ug/l	97
82) 4-Chlorotoluene	12.780	91	283426	43.338	ug/l	99
83) tert-Butylbenzene	12.999	119	312470	42.520	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	337022	43.925	ug/l	98
85) sec-Butylbenzene	13.176	105	441507	43.013	ug/l	99
86) p-Isopropyltoluene	13.292	119	376425	42.989	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	194064	44.682	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	191438	44.778	ug/l	99
89) n-Butylbenzene	13.621	91	326067	42.923	ug/l	100
90) Hexachloroethane	13.883	117	76603	43.567	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	171445	45.147	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10276	43.250	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	102767	47.023	ug/l	99
94) Hexachlorobutadiene	15.029	225	68055	44.172	ug/l	99
95) Naphthalene	15.151	128	167144	46.468	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	87998	48.061	ug/l	98

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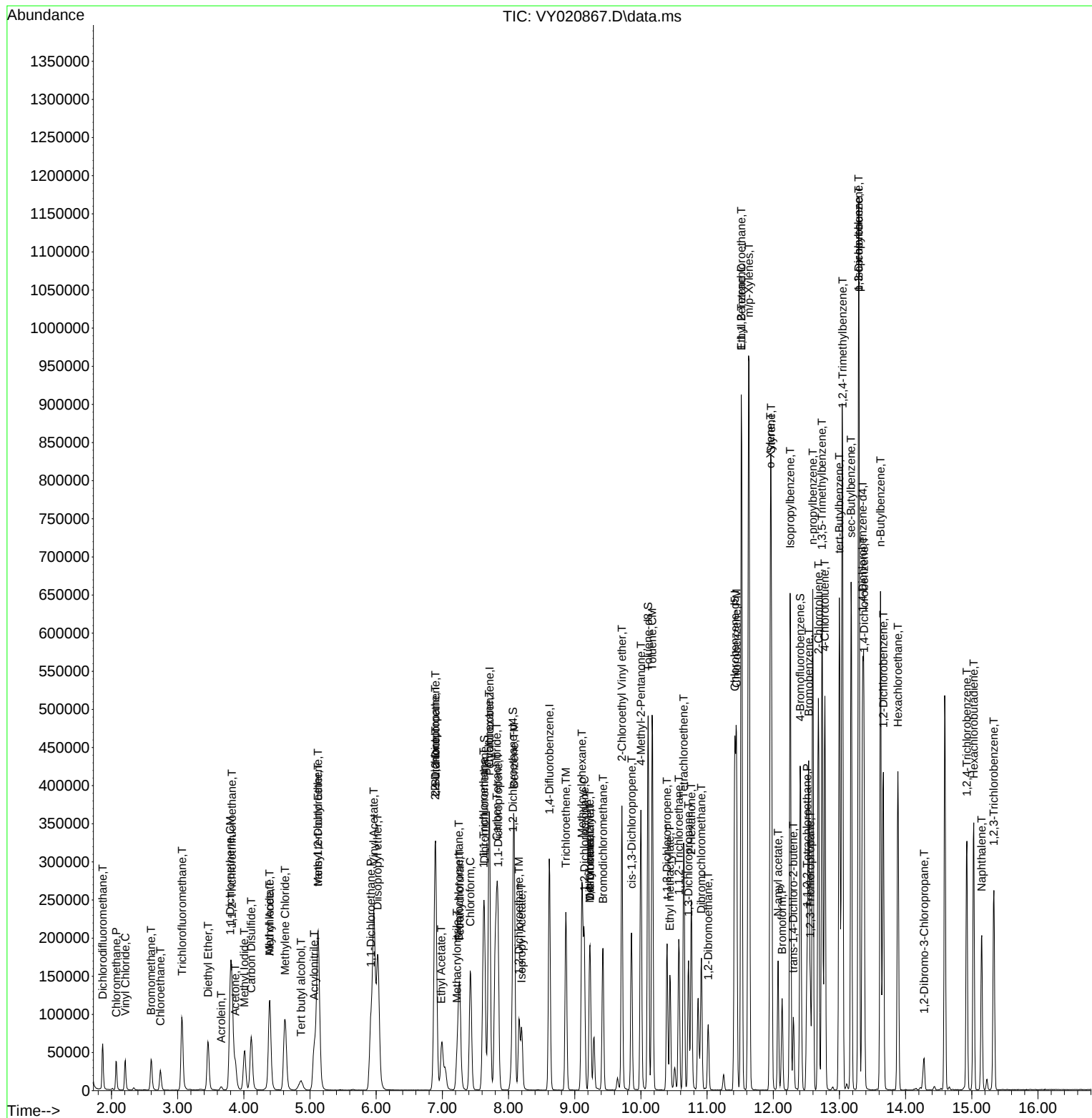
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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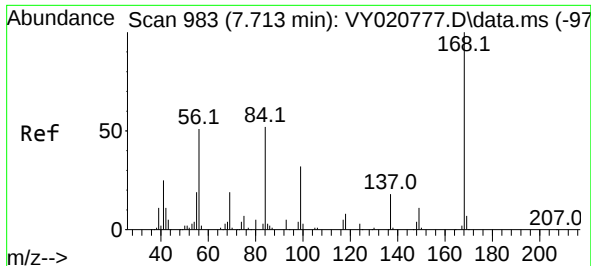
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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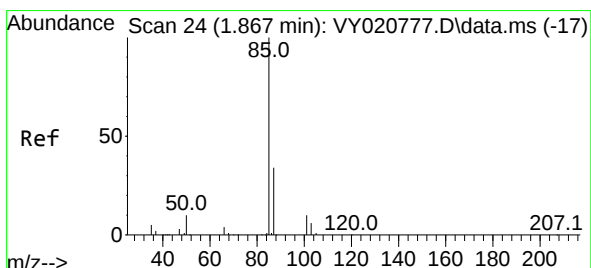
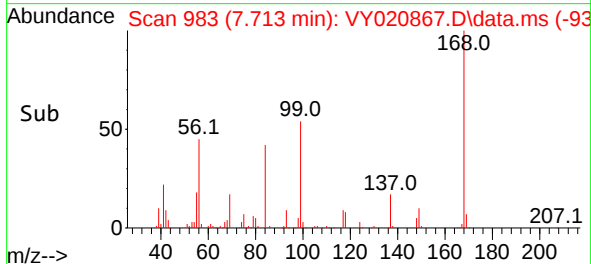
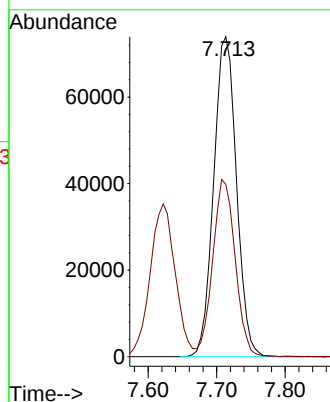
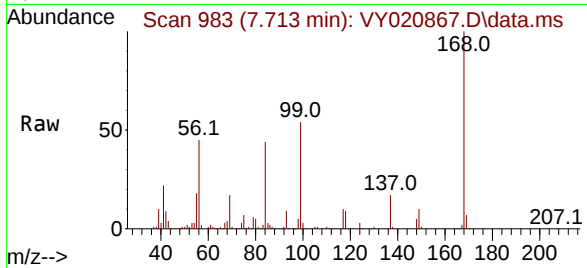




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
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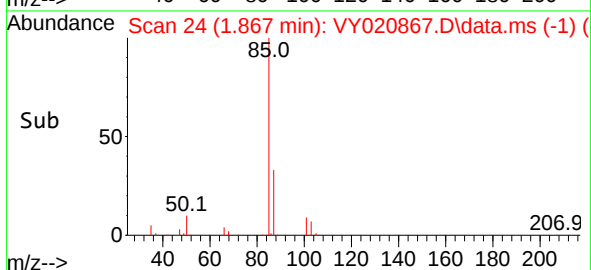
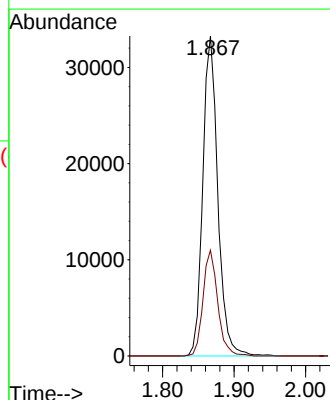
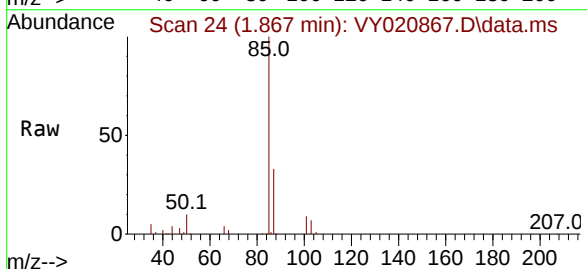
Instrument :
MSVOA_Y
ClientSampleId :

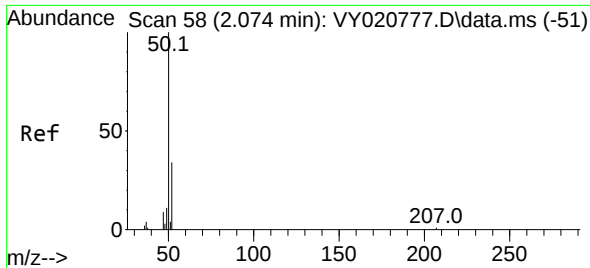
Tgt Ion:168 Resp: 170581
Ion Ratio Lower Upper
168 100
99 53.9 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 38.795 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 85 Resp: 48567
Ion Ratio Lower Upper
85 100
87 33.1 16.9 50.6

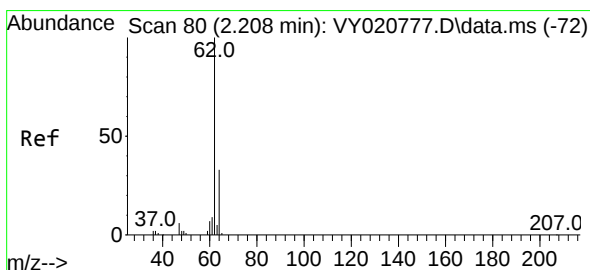
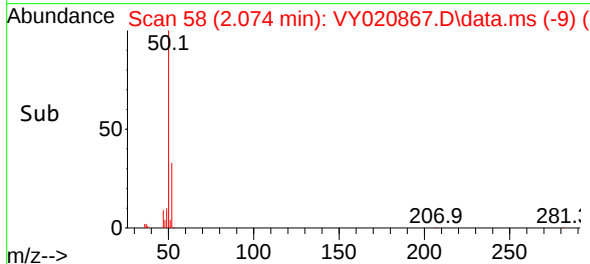
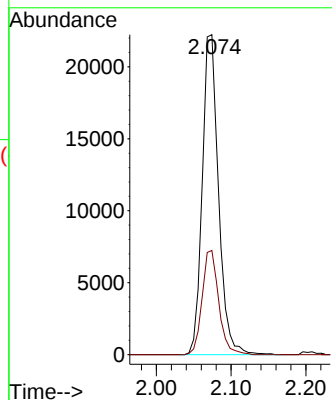
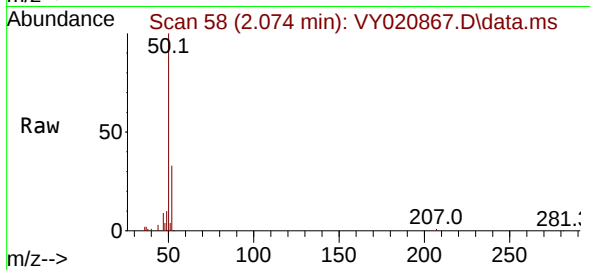




#3
Chloromethane
Concen: 50.997 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020867.D
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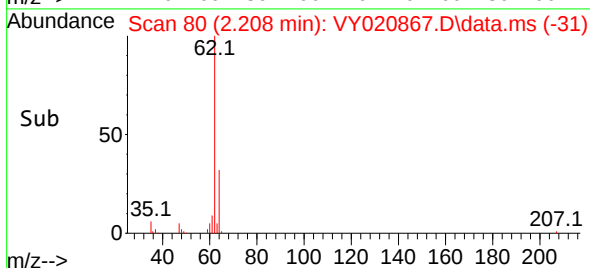
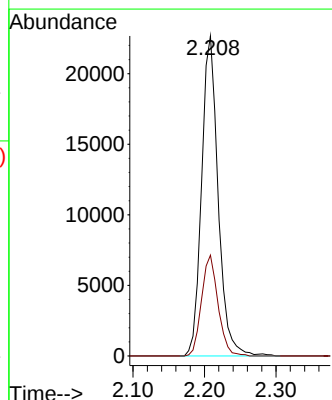
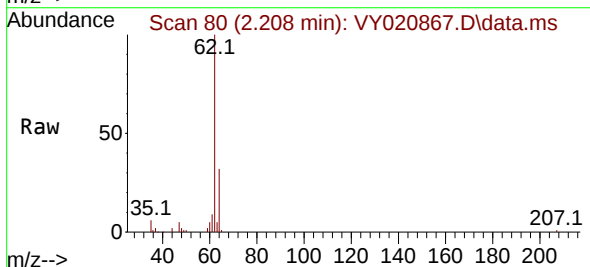
Instrument :
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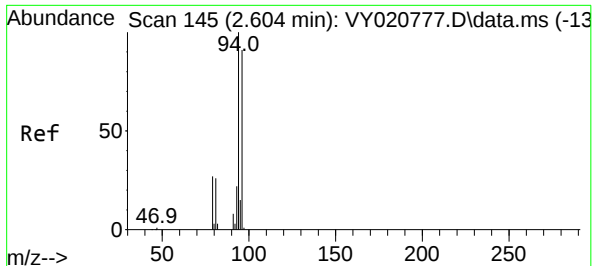
Tgt Ion: 50 Resp: 33615
Ion Ratio Lower Upper
50 100
52 32.6 27.3 40.9



#4
Vinyl Chloride
Concen: 49.750 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 62 Resp: 36455
Ion Ratio Lower Upper
62 100
64 31.5 26.6 39.8

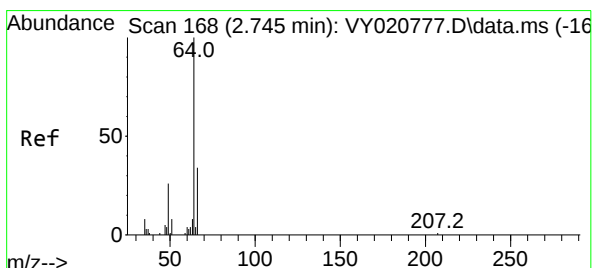
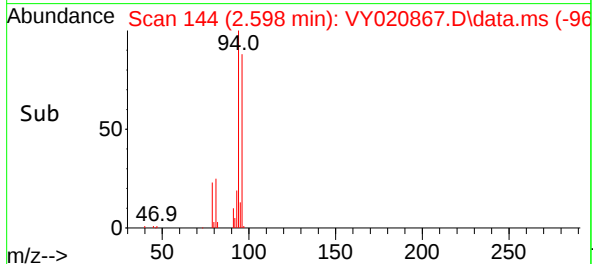
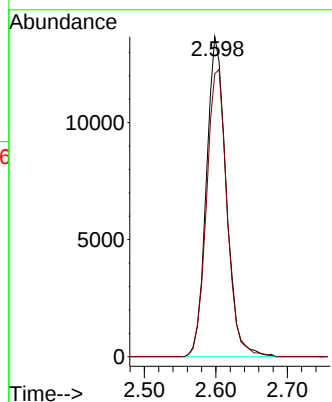
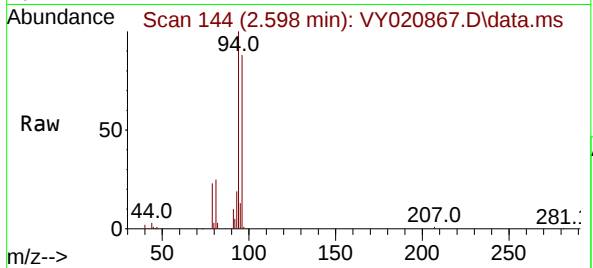




#5
Bromomethane
Concen: 50.388 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY020867.D
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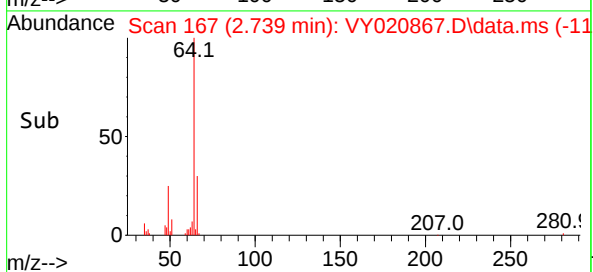
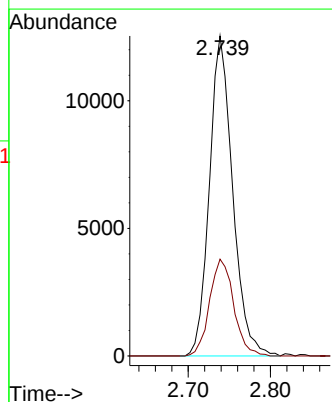
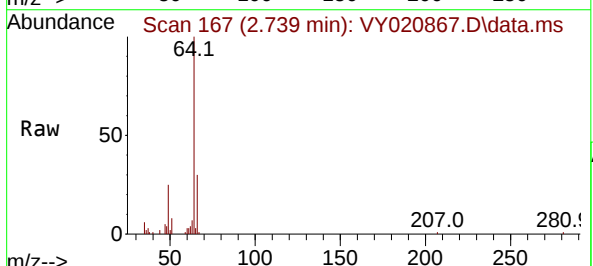
Instrument :
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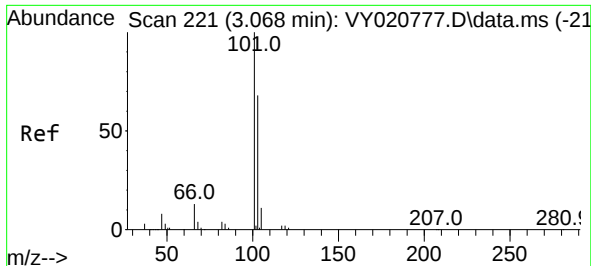
Tgt Ion: 94 Resp: 26298
Ion Ratio Lower Upper
94 100
96 88.4 72.6 109.0



#6
Chloroethane
Concen: 54.559 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 24656
Ion Ratio Lower Upper
64 100
66 30.2 26.9 40.3

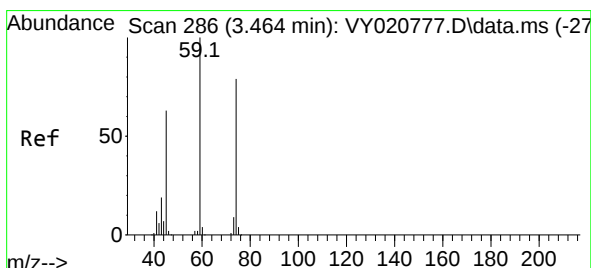
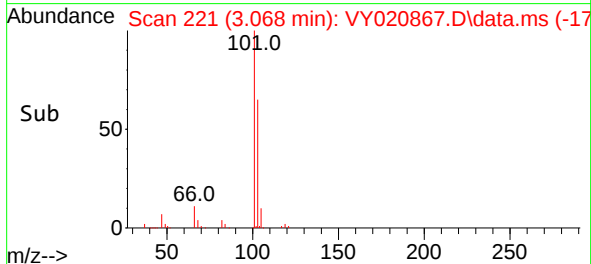
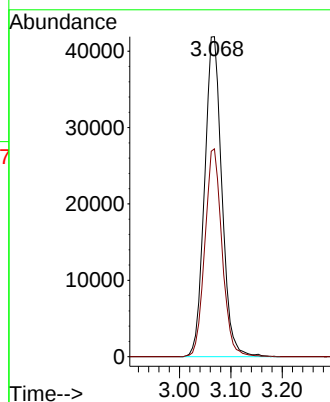
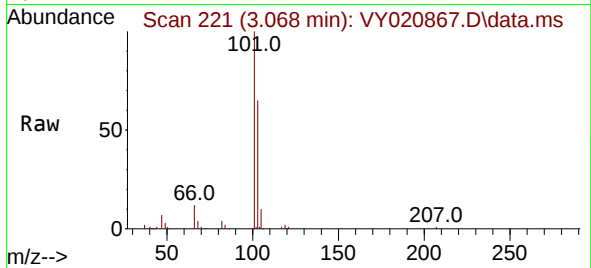




#7
Trichlorofluoromethane
Concen: 43.621 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020867.D
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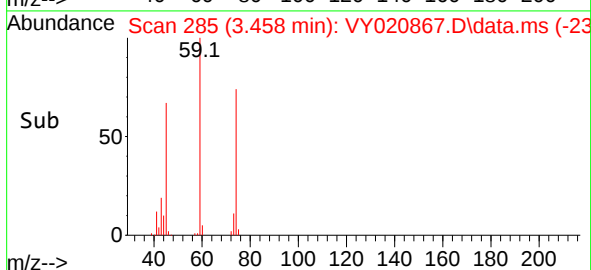
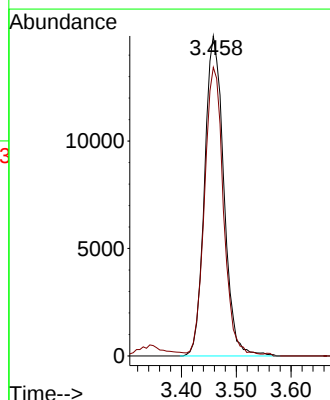
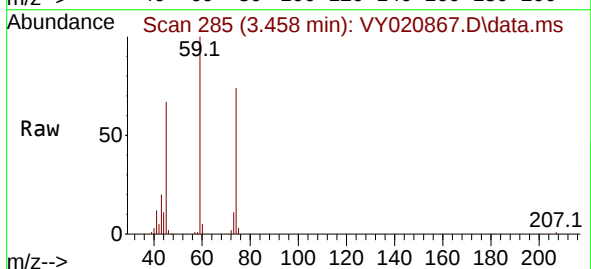
Instrument :
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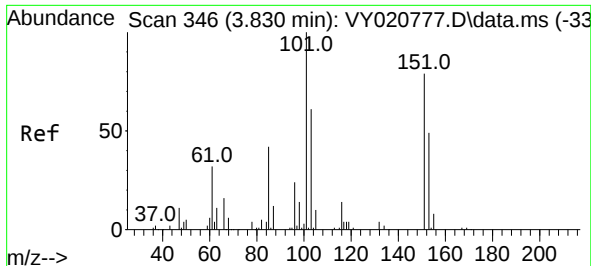
Tgt Ion:101 Resp: 98101
Ion Ratio Lower Upper
101 100
103 65.0 54.6 82.0



#8
Diethyl Ether
Concen: 51.367 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 36126
Ion Ratio Lower Upper
74 100
45 88.0 41.3 124.1

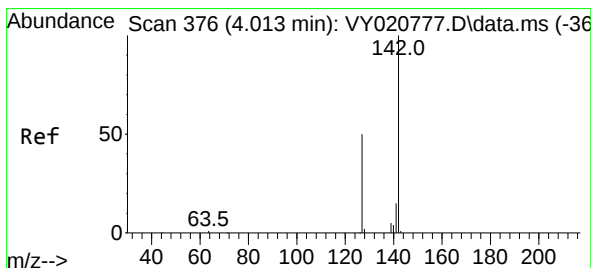
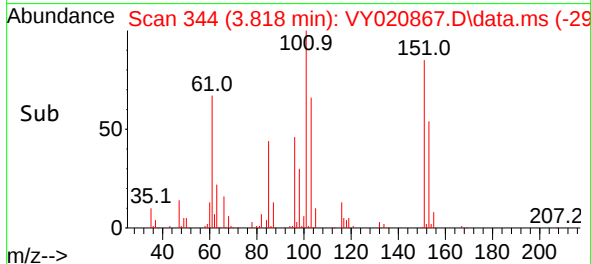
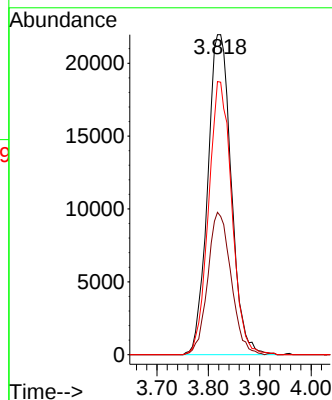
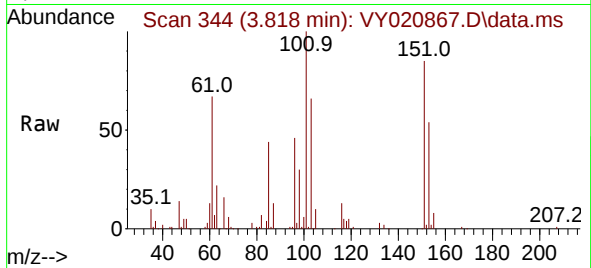




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.052 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

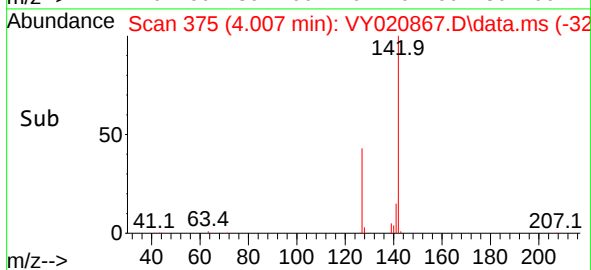
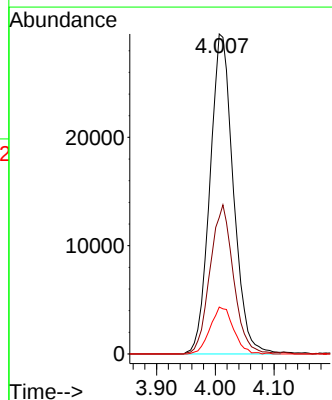
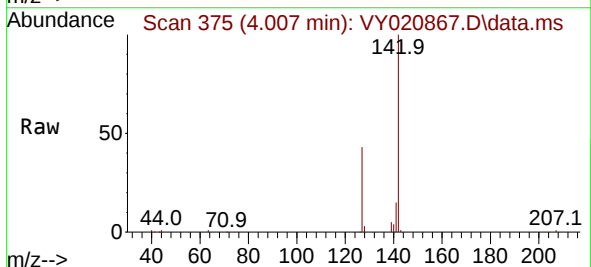
Instrument :
MSVOA_Y
ClientSampleId :

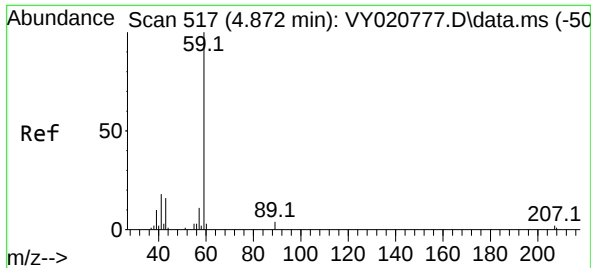
Tgt Ion:101 Resp: 69940
Ion Ratio Lower Upper
101 100
85 43.9 35.9 53.9
151 84.0 66.9 100.3



#10
Methyl Iodide
Concen: 50.223 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion:142 Resp: 81741
Ion Ratio Lower Upper
142 100
127 46.7 41.0 61.6
141 14.7 11.6 17.4

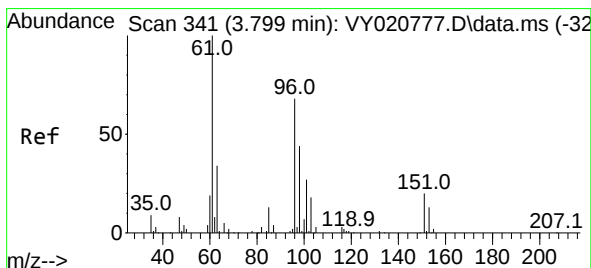
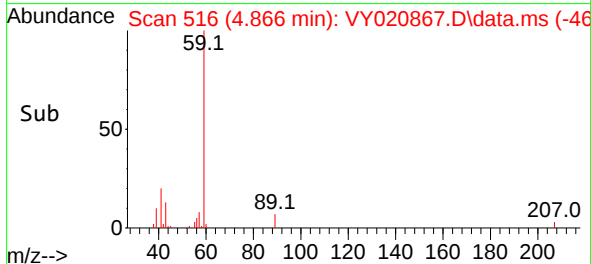
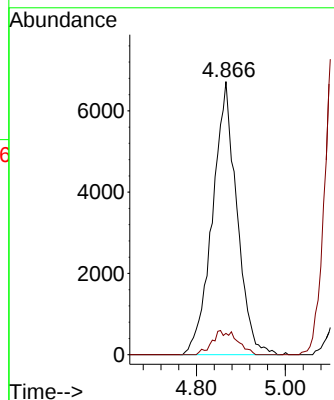
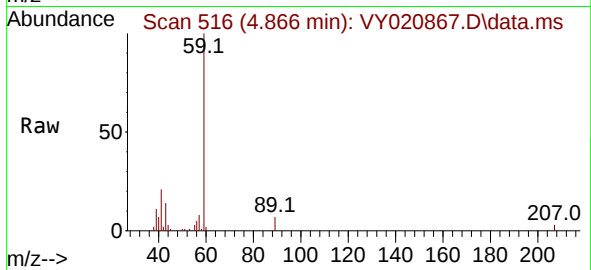




#11
Tert butyl alcohol
Concen: 233.449 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

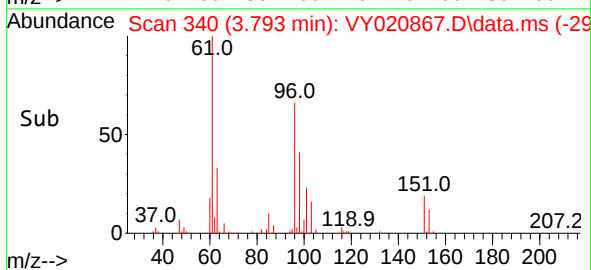
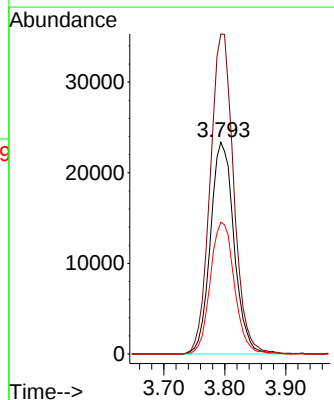
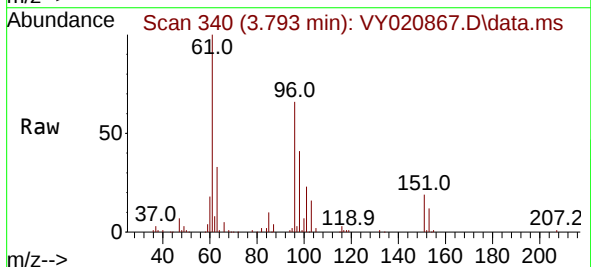
Instrument :
MSVOA_Y
ClientSampleId :

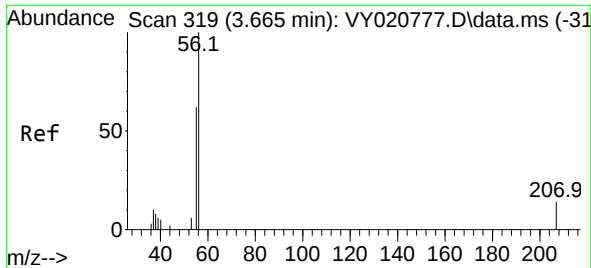
Tgt Ion: 59 Resp: 25576
Ion Ratio Lower Upper
59 100
57 9.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.327 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 96 Resp: 62956
Ion Ratio Lower Upper
96 100
61 151.2 117.8 176.8
98 62.3 51.9 77.9

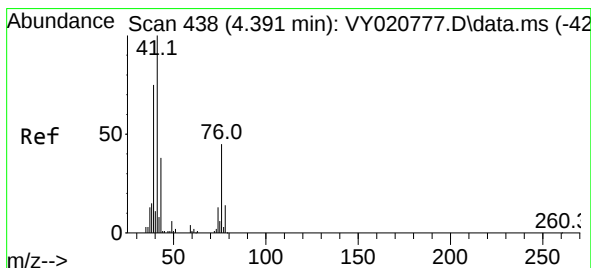
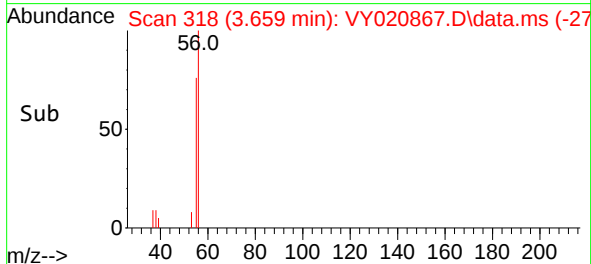
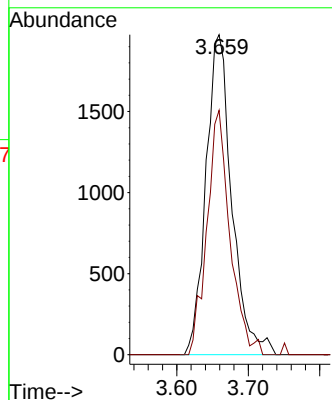
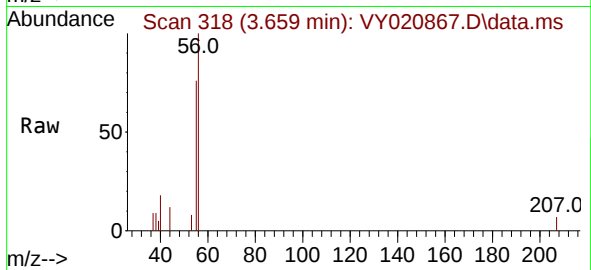




#13
Acrolein
Concen: 161.050 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

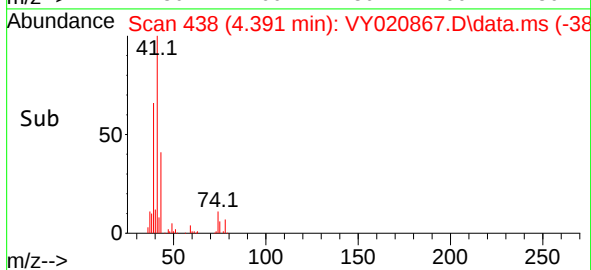
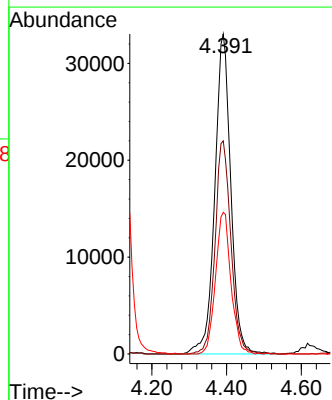
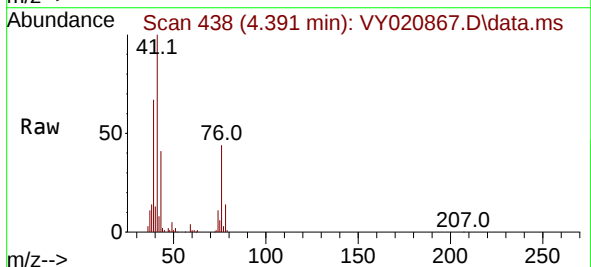
Instrument :
MSVOA_Y
ClientSampleId :

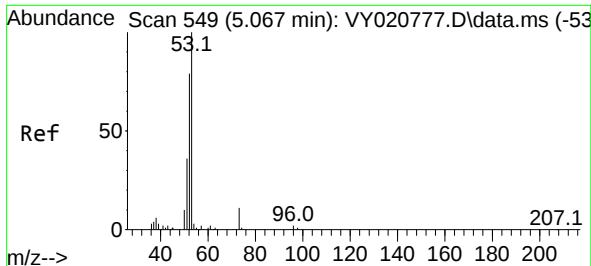
Tgt Ion: 56 Resp: 4955
Ion Ratio Lower Upper
56 100
55 68.0 58.1 87.1



#14
Allyl chloride
Concen: 51.251 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

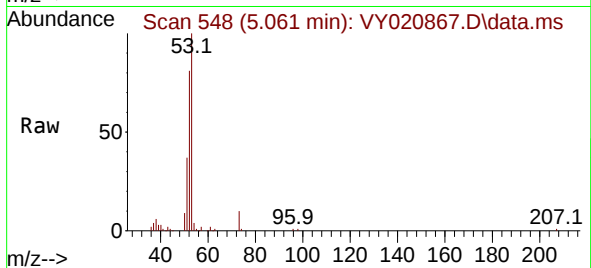
Tgt Ion: 41 Resp: 98359
Ion Ratio Lower Upper
41 100
39 65.6 57.5 86.3
76 42.6 35.6 53.4



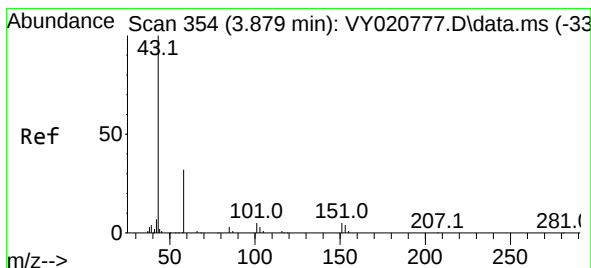
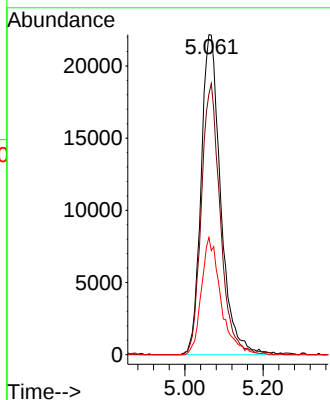
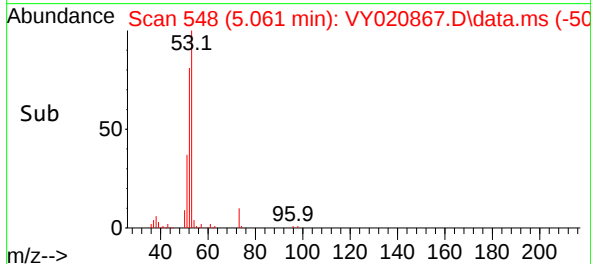


#15
Acrylonitrile
Concen: 258.133 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Instrument :
MSVOA_Y
ClientSampleId :

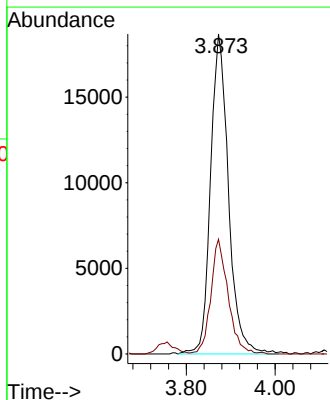
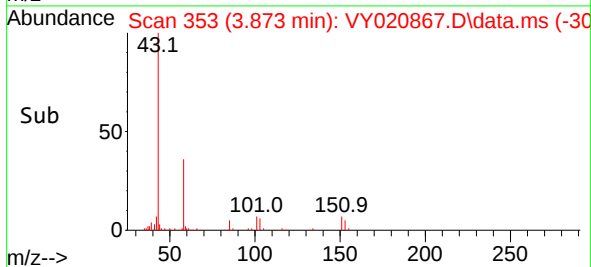
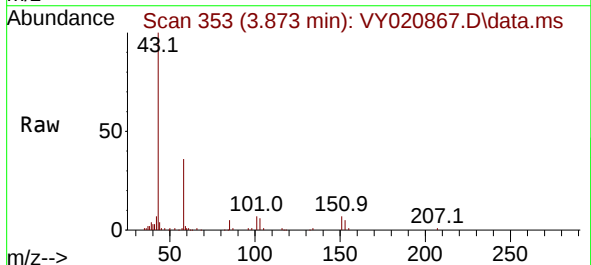


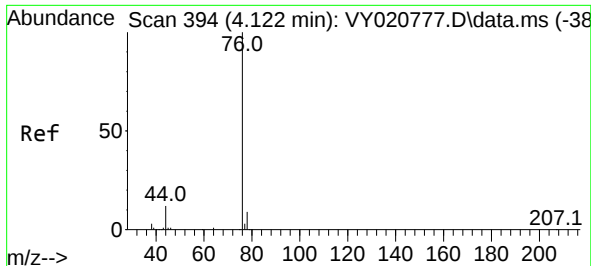
Tgt Ion: 53 Resp: 77156
Ion Ratio Lower Upper
53 100
52 81.5 64.3 96.5
51 36.5 29.3 43.9



#16
Acetone
Concen: 253.676 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 43 Resp: 52302
Ion Ratio Lower Upper
43 100
58 35.8 26.7 40.1

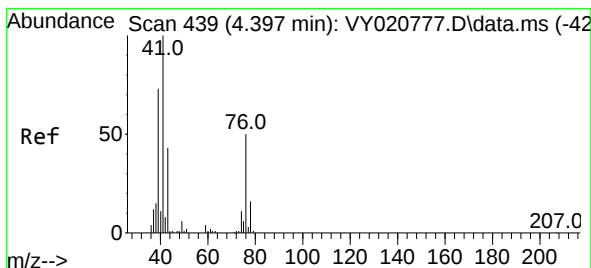
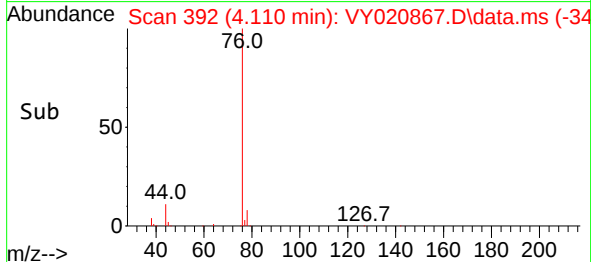
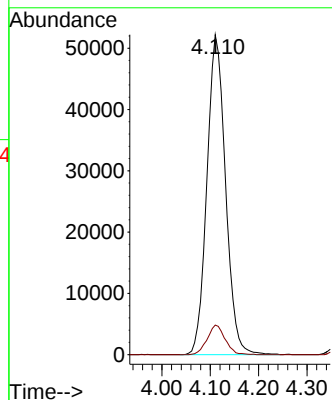
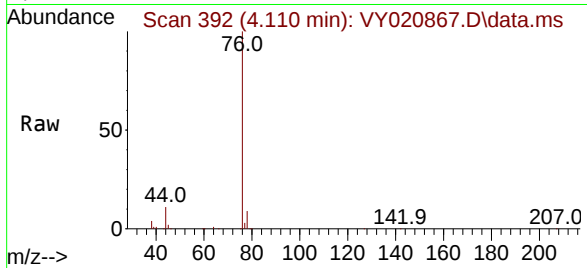




#17
Carbon Disulfide
Concen: 48.415 ug/l
RT: 4.110 min Scan# 394
Delta R.T. -0.012 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

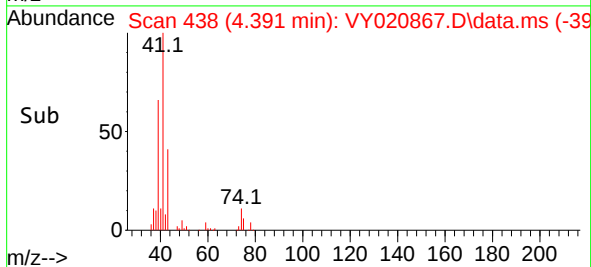
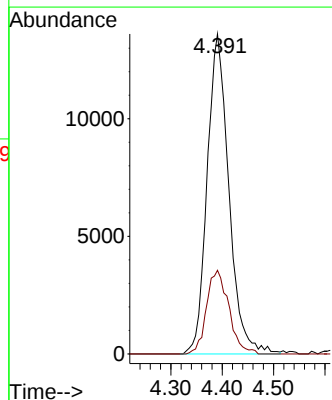
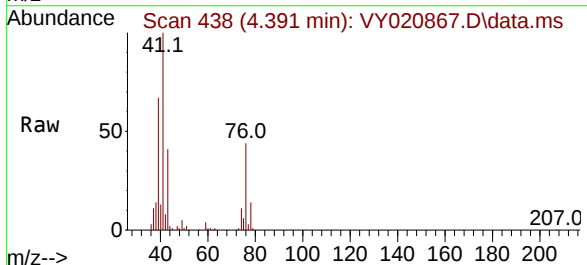
Instrument :
MSVOA_Y
ClientSampleId :

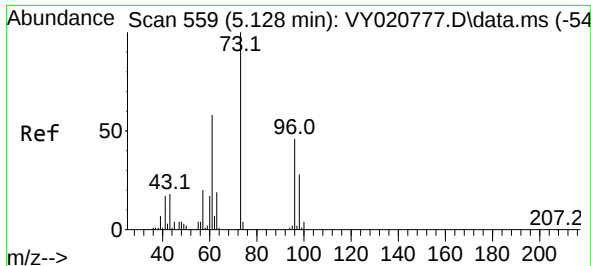
Tgt Ion: 76 Resp: 139715
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 57.384 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 43 Resp: 39948
Ion Ratio Lower Upper
43 100
74 26.8 23.0 34.6

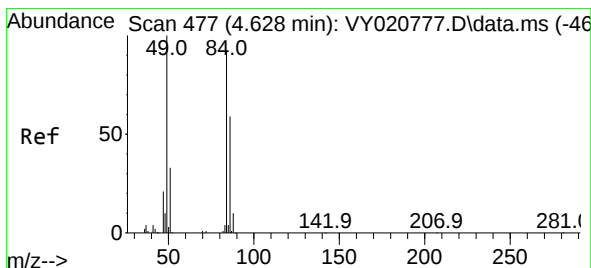
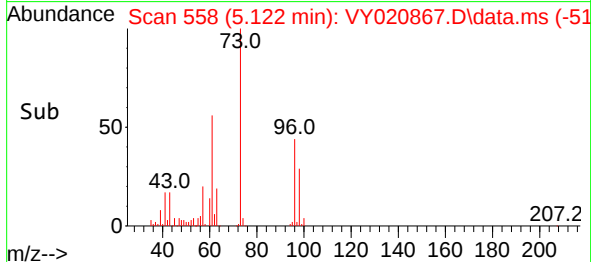
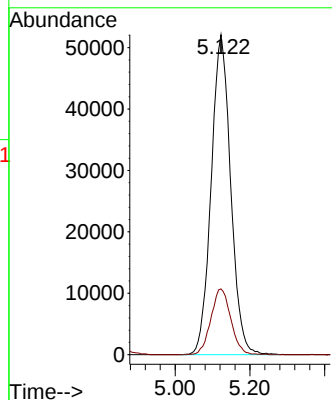
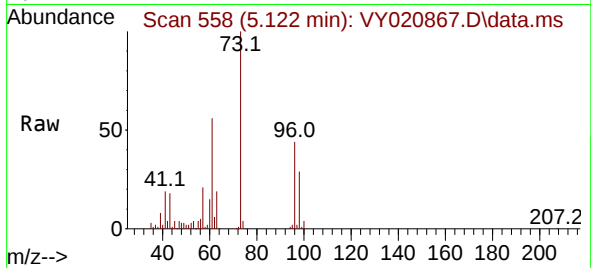




#19
Methyl tert-butyl Ether
Concen: 50.173 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

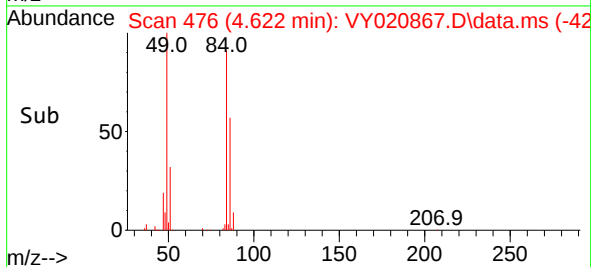
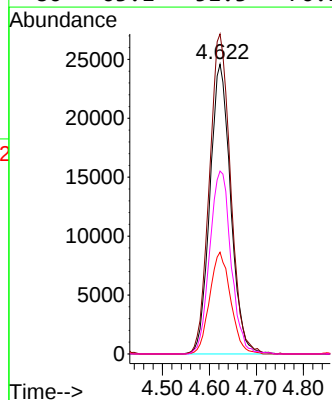
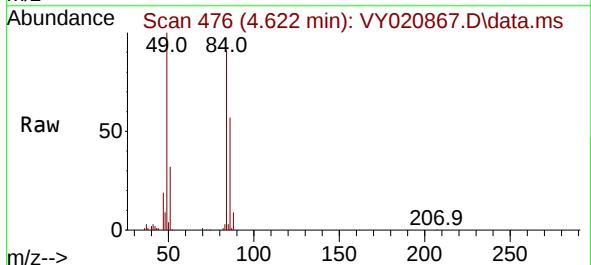
Instrument :
MSVOA_Y
ClientSampleId :

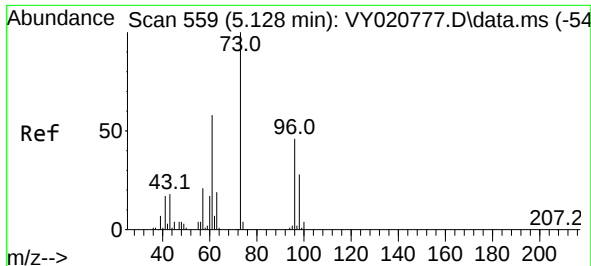
Tgt Ion: 73 Resp: 188356
Ion Ratio Lower Upper
73 100
57 20.6 16.4 24.6



#20
Methylene Chloride
Concen: 52.880 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 84 Resp: 75294
Ion Ratio Lower Upper
84 100
49 110.4 86.7 130.1
51 35.1 28.4 42.6
86 63.1 51.3 76.9

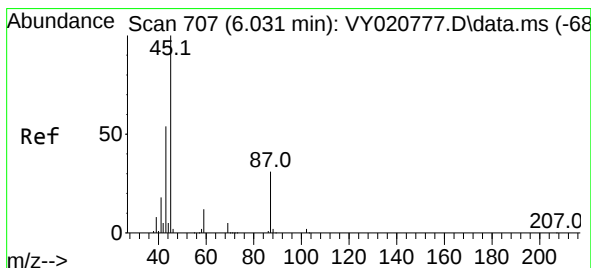
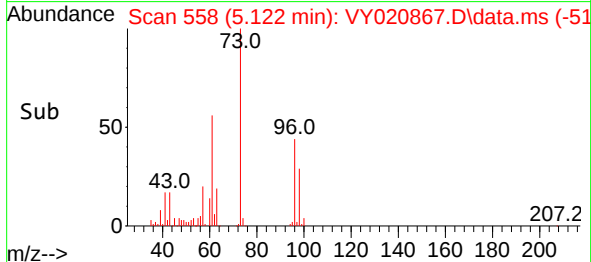
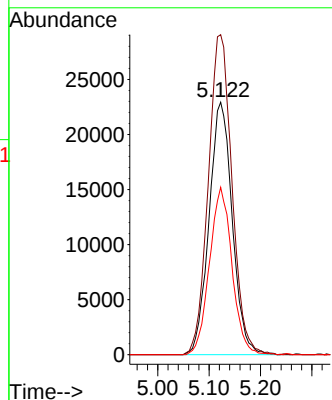
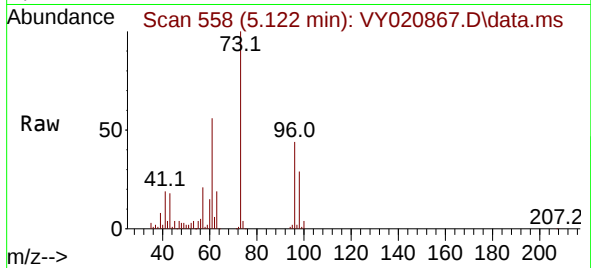




#21
trans-1,2-Dichloroethene
Concen: 49.173 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

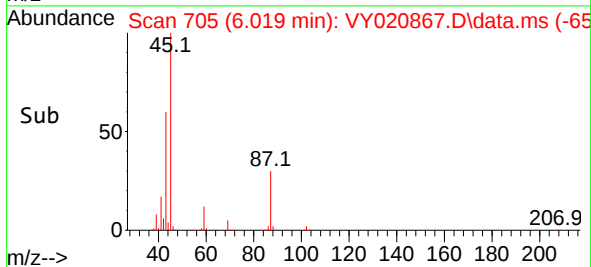
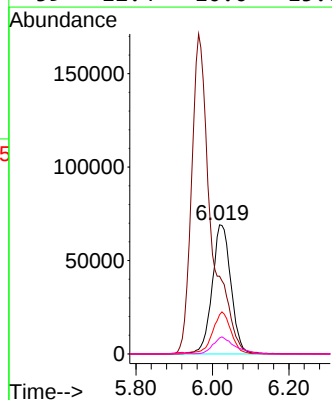
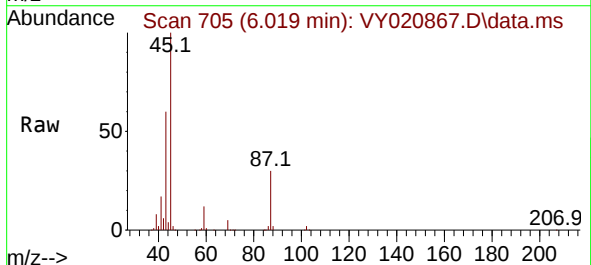
Instrument :
MSVOA_Y
ClientSampleId :

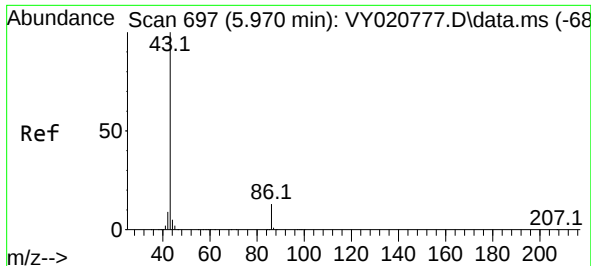
Tgt Ion: 96 Resp: 72034
Ion Ratio Lower Upper
96 100
61 126.8 101.6 152.4
98 66.3 49.4 74.2



#22
Diisopropyl ether
Concen: 57.622 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 45 Resp: 235572
Ion Ratio Lower Upper
45 100
43 59.9 43.9 65.9
87 30.4 25.3 37.9
59 12.4 10.0 15.0

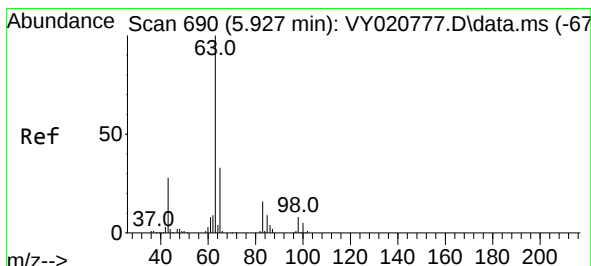
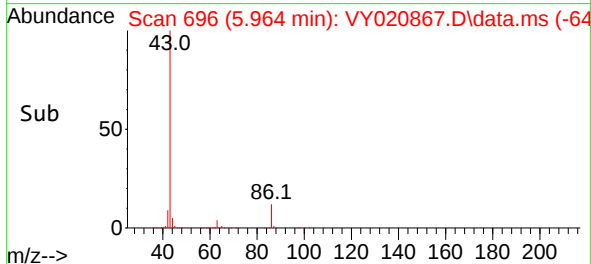
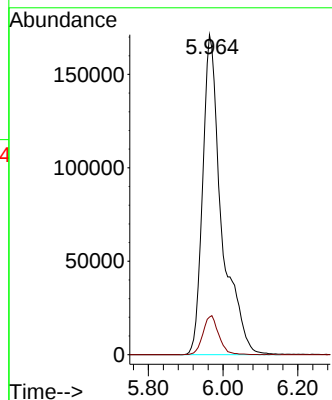
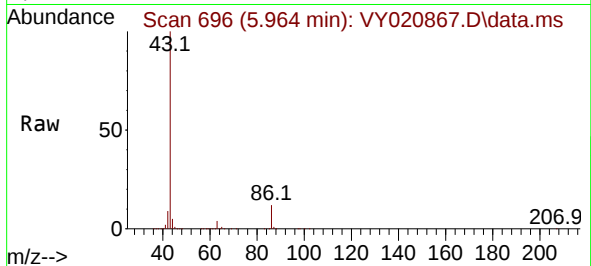




#23
 Vinyl Acetate
 Concen: 267.503 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY020867.D
 Acq: 17 Jan 2025 19:50

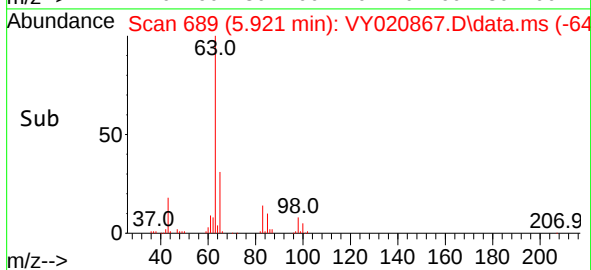
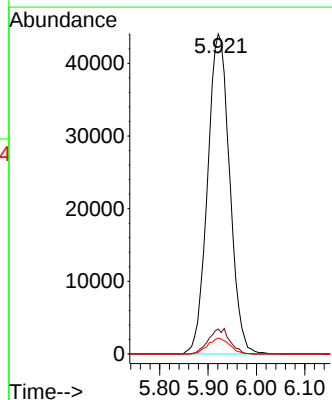
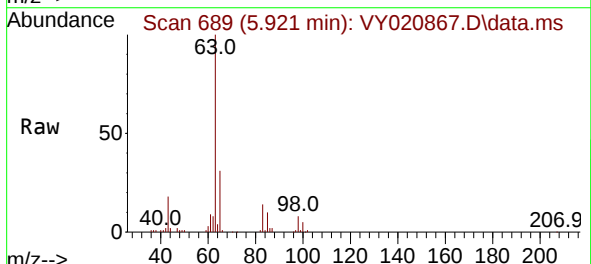
Instrument :
 MSVOA_Y
 ClientSampleId :

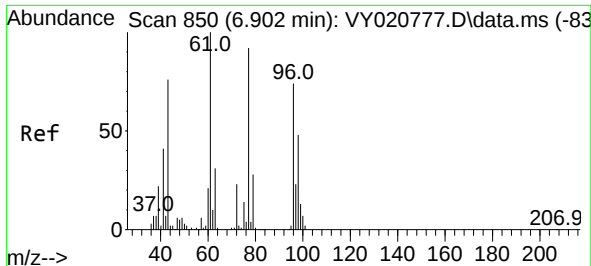
Tgt Ion: 43 Resp: 602982
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 51.861 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY020867.D
 Acq: 17 Jan 2025 19:50

Tgt Ion: 63 Resp: 139882
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 5.0 2.4 7.2

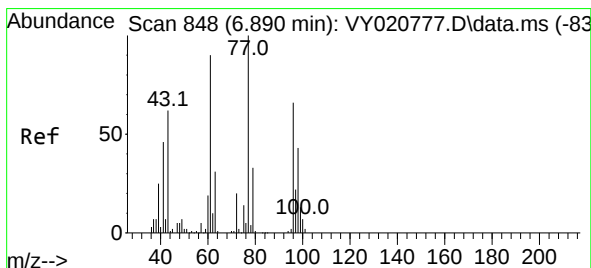
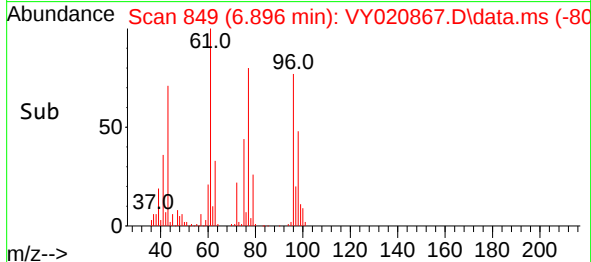
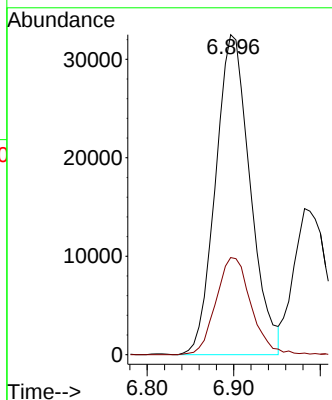
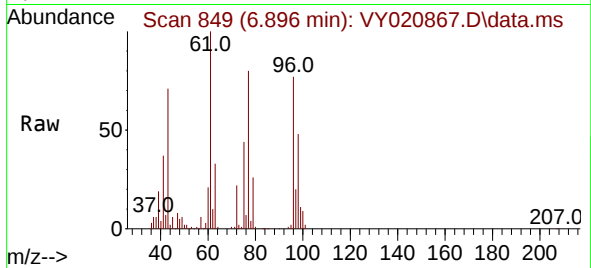




#25
2-Butanone
Concen: 267.191 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

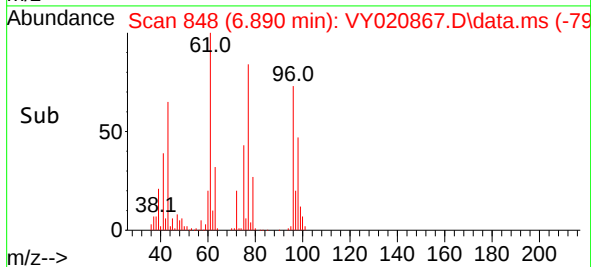
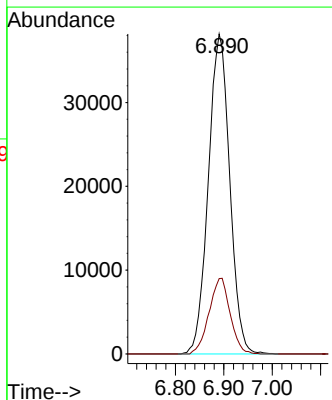
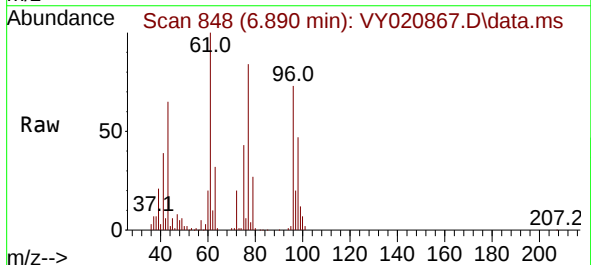
Instrument :
MSVOA_Y
ClientSampleId :

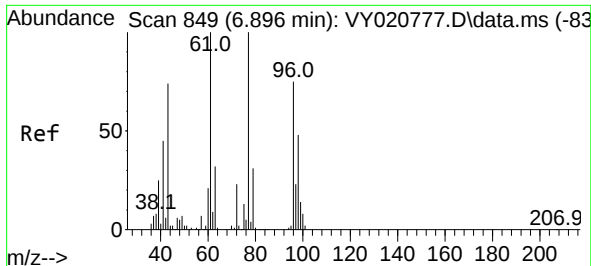
Tgt Ion: 43 Resp: 90492
Ion Ratio Lower Upper
43 100
72 30.4 24.0 36.0



#26
2,2-Dichloropropane
Concen: 41.907 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 77 Resp: 117358
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 51.587 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

ClientSampleId :

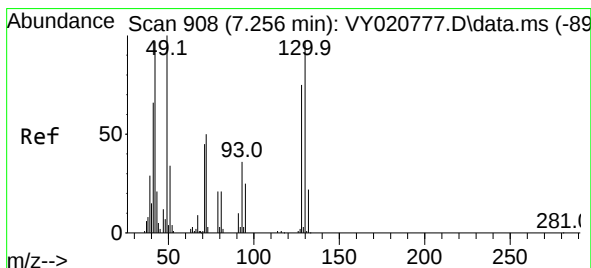
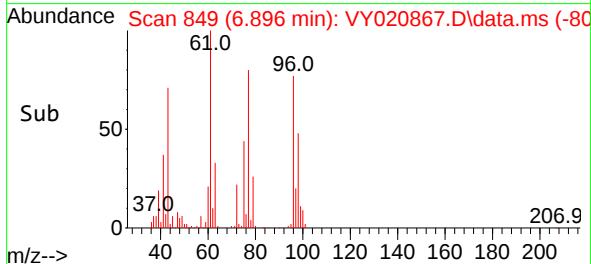
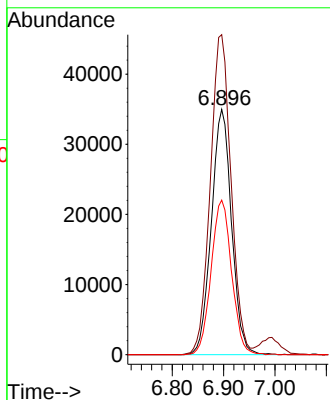
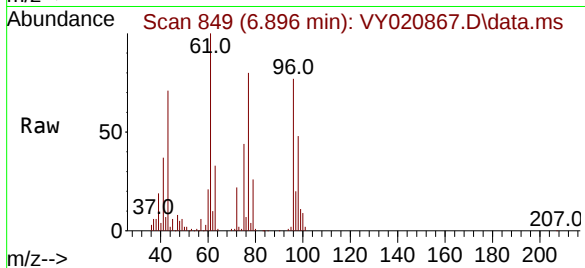
Tgt Ion: 96 Resp: 95346

Ion Ratio Lower Upper

96 100

61 134.3 0.0 271.4

98 63.9 0.0 129.0



#28

Bromochloromethane

Concen: 60.772 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

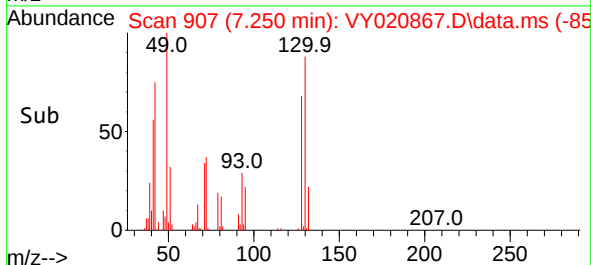
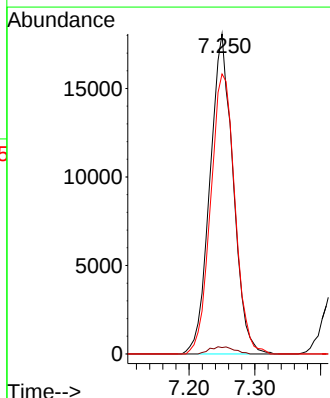
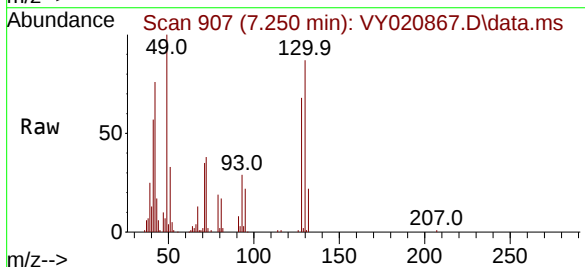
Tgt Ion: 49 Resp: 44231

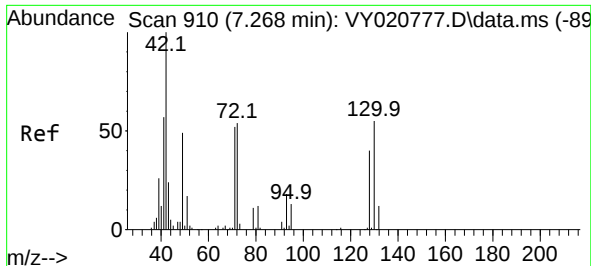
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.2

130 91.6 77.8 116.6





#29

Tetrahydrofuran

Concen: 272.732 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY020867.D

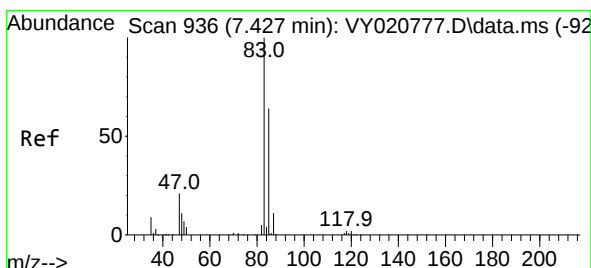
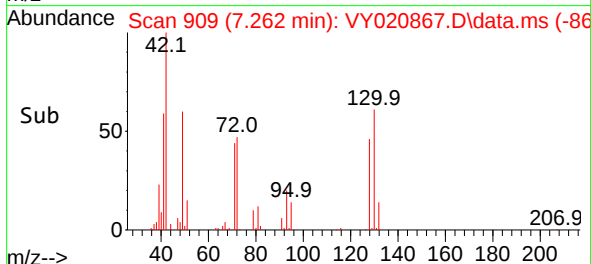
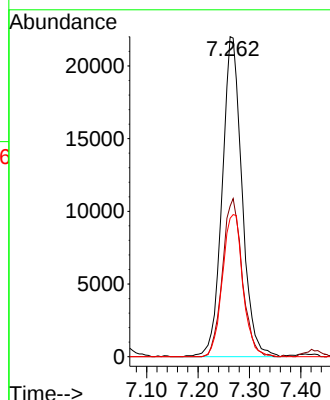
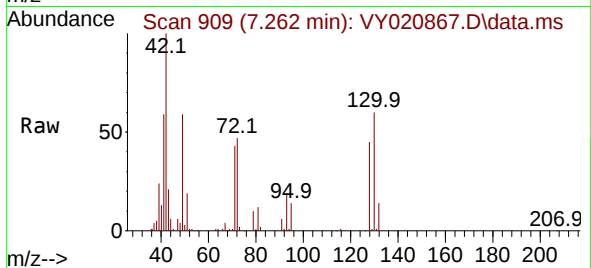
Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	59005
Ion	Ratio	Lower	Upper
42	100		
72	49.1	41.8	62.6
71	45.8	39.8	59.8



#30

Chloroform

Concen: 50.802 ug/l

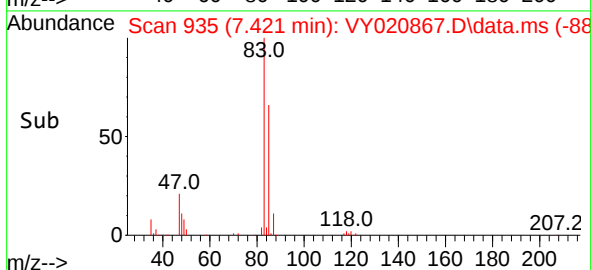
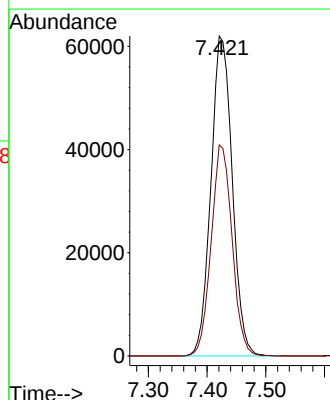
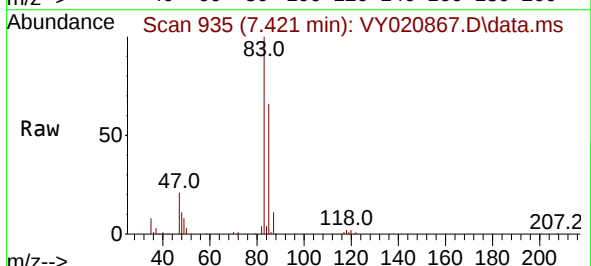
RT: 7.421 min Scan# 935

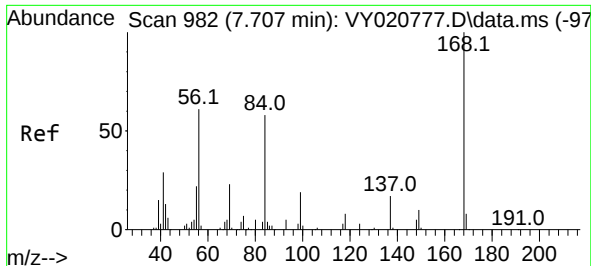
Delta R.T. -0.006 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

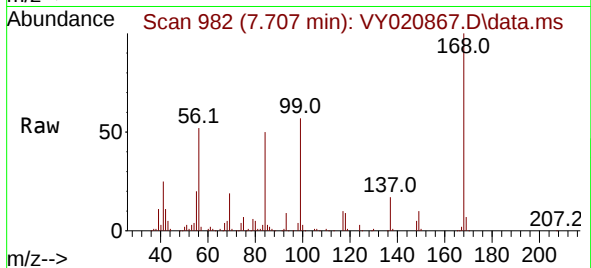
Tgt Ion:	83	Resp:	156263
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.1	76.7



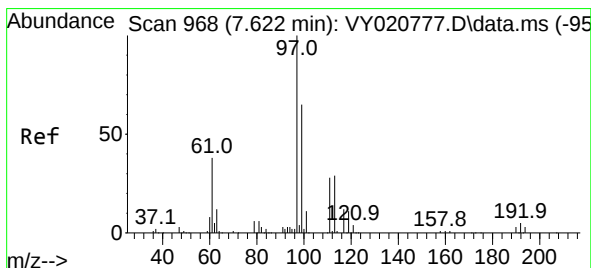
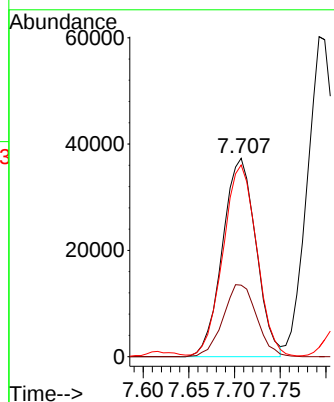
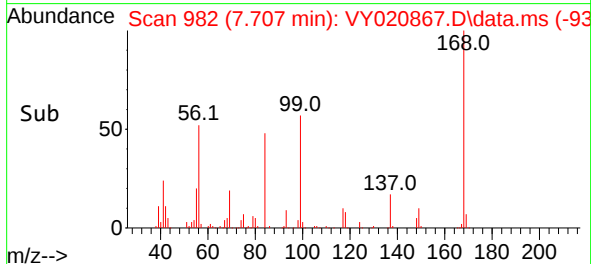


#31
Cyclohexane
Concen: 45.175 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Instrument :
MSVOA_Y
ClientSampleId :

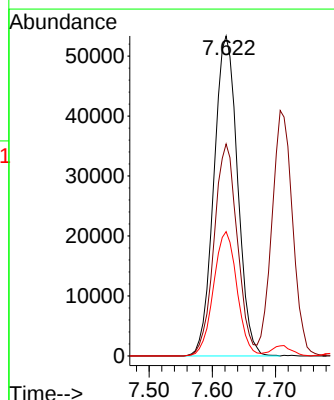
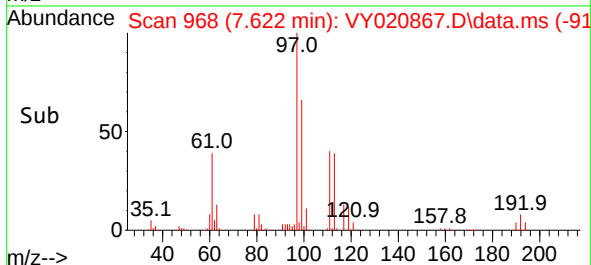
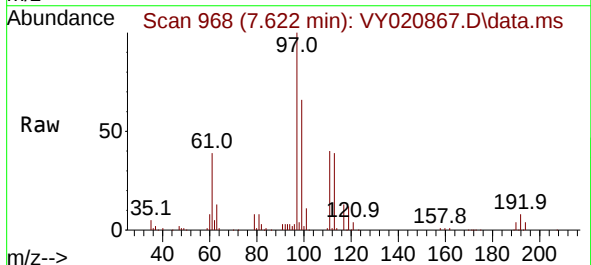


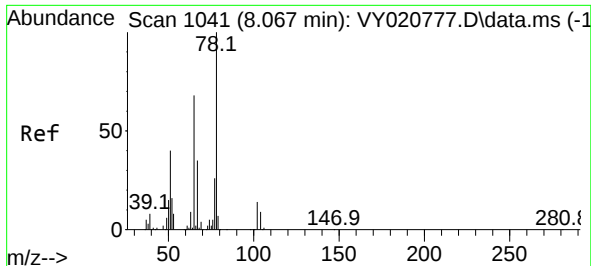
Tgt Ion: 56 Resp: 95307
Ion Ratio Lower Upper
56 100
69 36.0 30.5 45.7
84 95.4 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 46.259 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 97 Resp: 138793
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.2
61 38.5 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 55.400 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

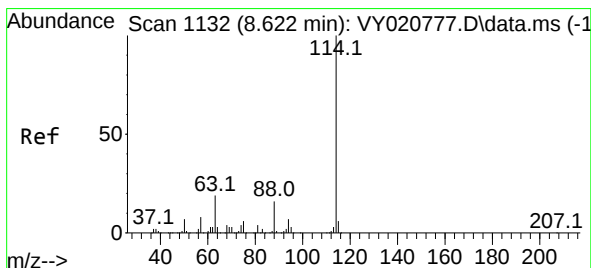
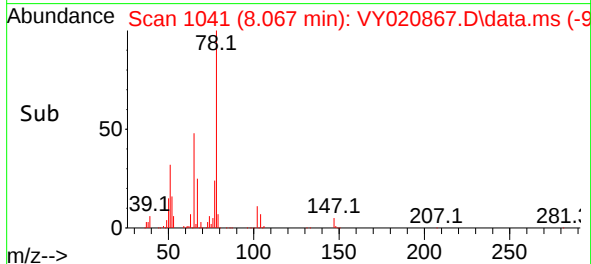
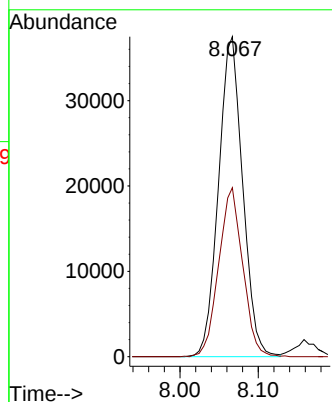
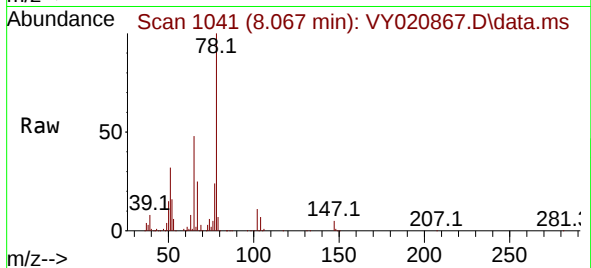
ClientSampleId :

Tgt Ion: 65 Resp: 80324

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

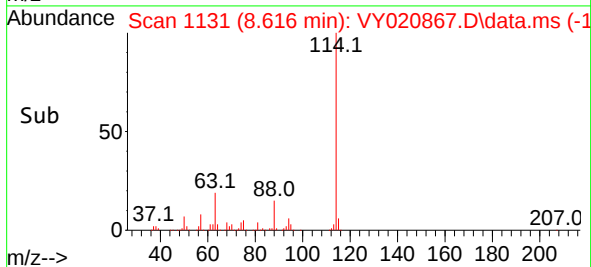
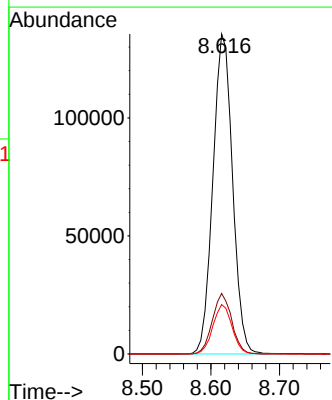
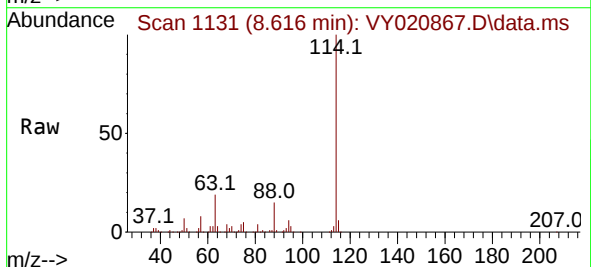
Tgt Ion: 114 Resp: 269164

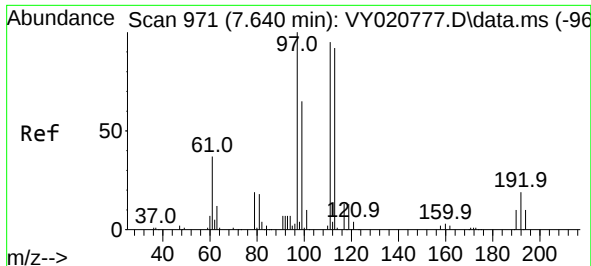
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 15.4 0.0 31.2

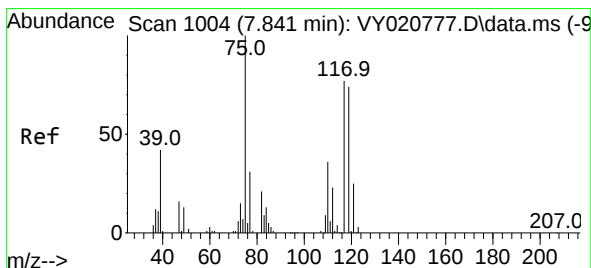
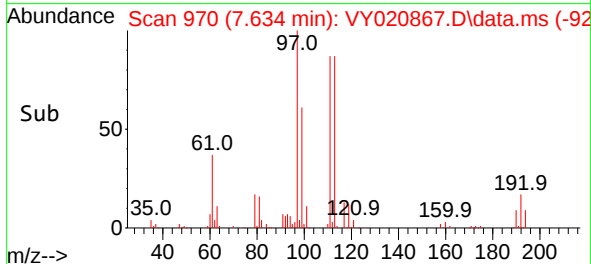
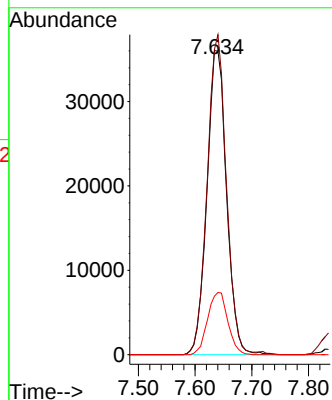
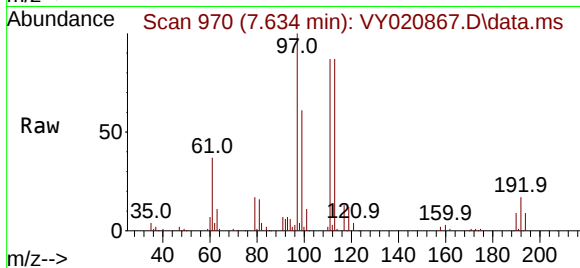




#35
Dibromofluoromethane
Concen: 51.410 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

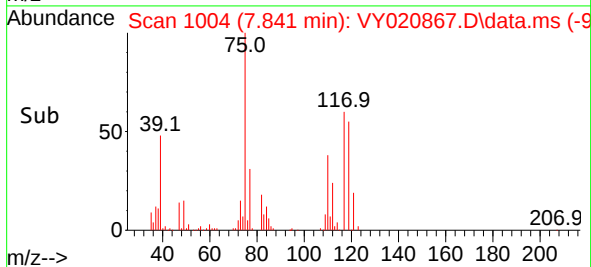
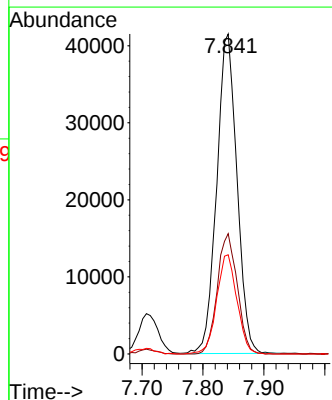
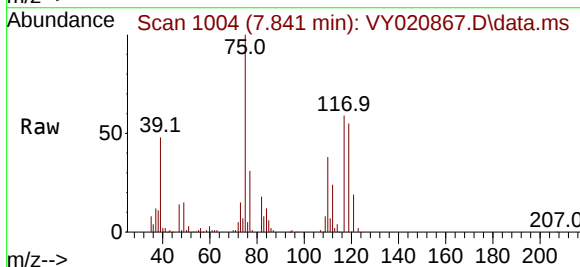
Instrument :
MSVOA_Y
ClientSampleId :

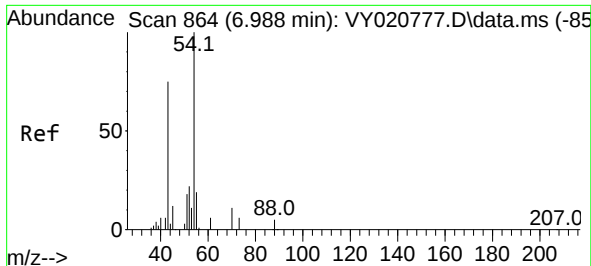
Tgt Ion:113 Resp: 86692
Ion Ratio Lower Upper
113 100
111 102.9 81.7 122.5
192 21.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 44.534 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 75 Resp: 95786
Ion Ratio Lower Upper
75 100
110 37.1 18.5 55.5
77 31.1 25.0 37.4

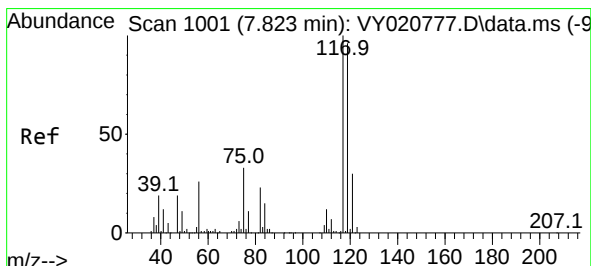
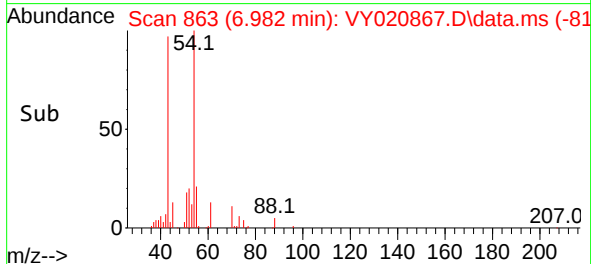
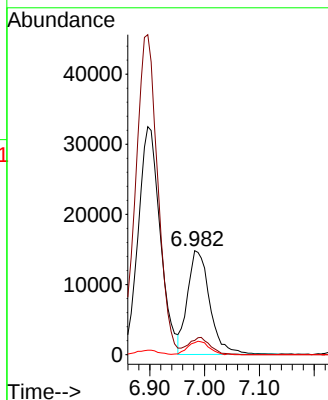
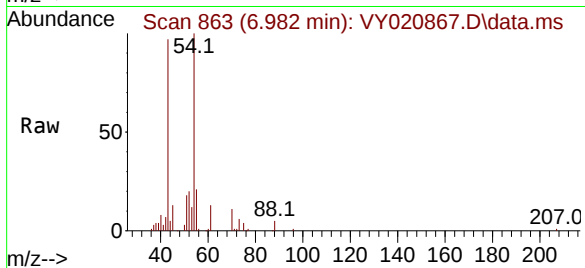




#37
Ethyl Acetate
Concen: 48.659 ug/l
RT: 6.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

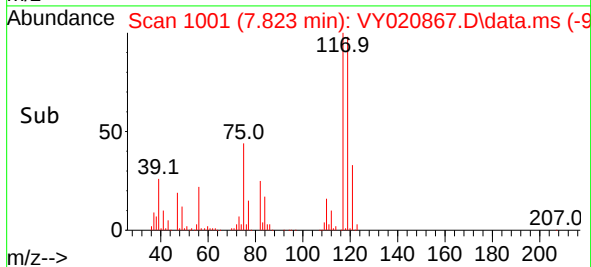
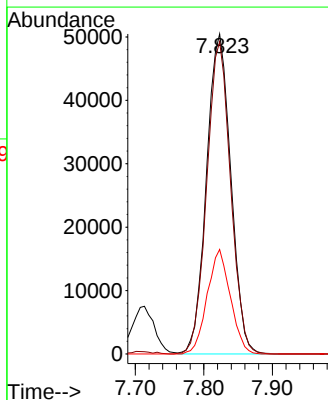
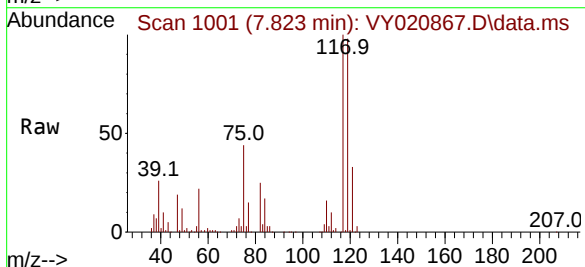
Instrument :
MSVOA_Y
ClientSampleId :

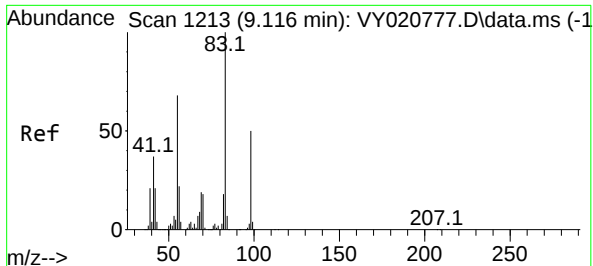
Tgt Ion: 43 Resp: 41649
Ion Ratio Lower Upper
43 100
61 16.0 11.8 17.6
70 12.3 9.8 14.8



#38
Carbon Tetrachloride
Concen: 41.604 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 117 Resp: 124563
Ion Ratio Lower Upper
117 100
119 97.6 76.5 114.7
121 32.6 24.3 36.5





#39

Methylcyclohexane

Concen: 43.516 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

ClientSampleId :

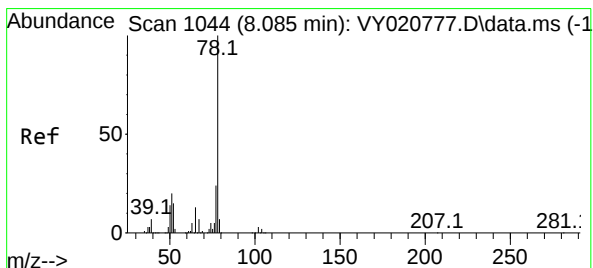
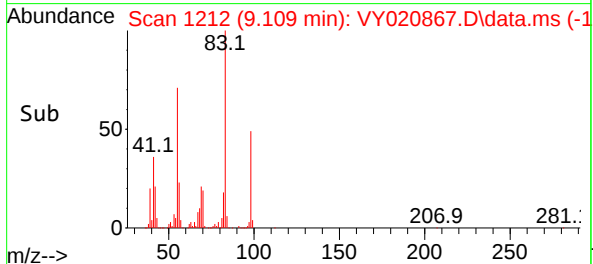
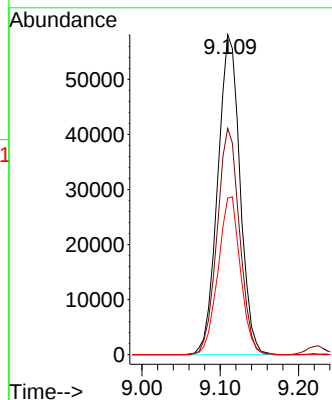
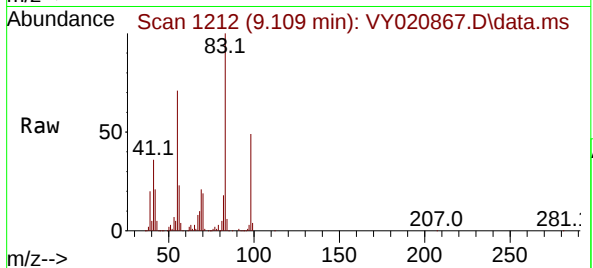
Tgt Ion: 83 Resp: 114855

Ion Ratio Lower Upper

83 100

55 70.8 54.8 82.2

98 49.0 40.0 60.0



#40

Benzene

Concen: 48.365 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY020867.D

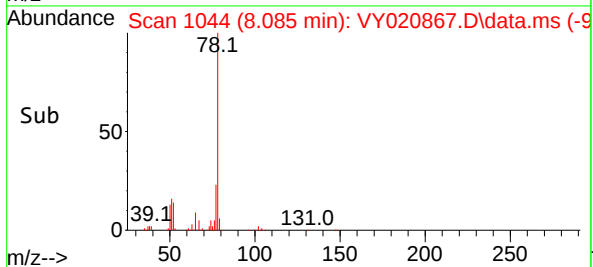
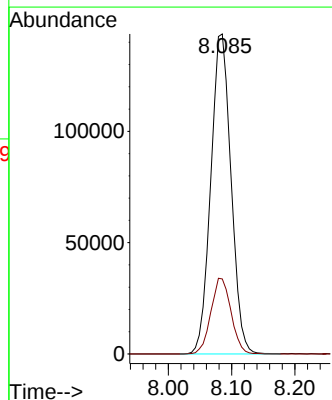
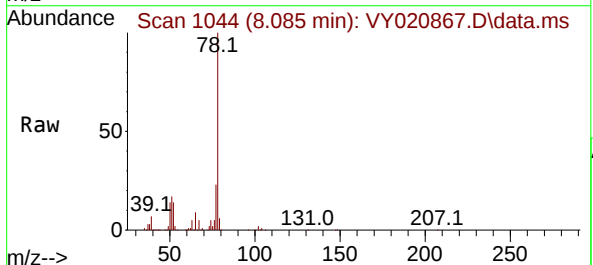
Acq: 17 Jan 2025 19:50

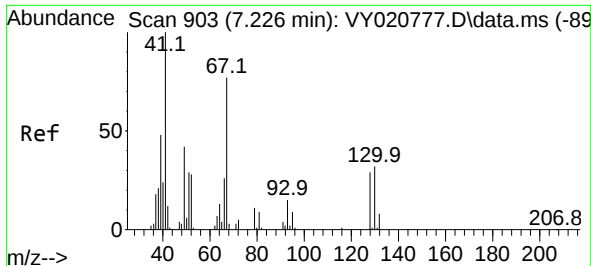
Tgt Ion: 78 Resp: 319273

Ion Ratio Lower Upper

78 100

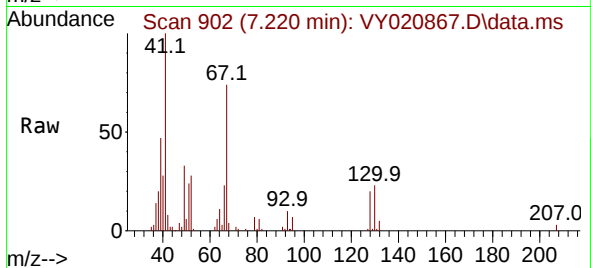
77 23.4 19.4 29.2



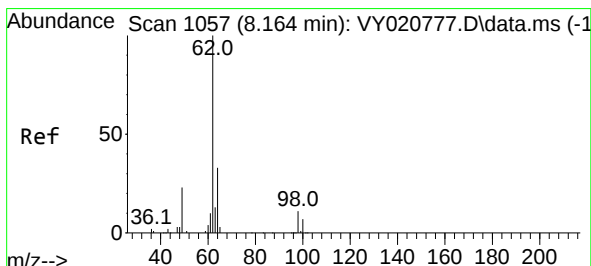
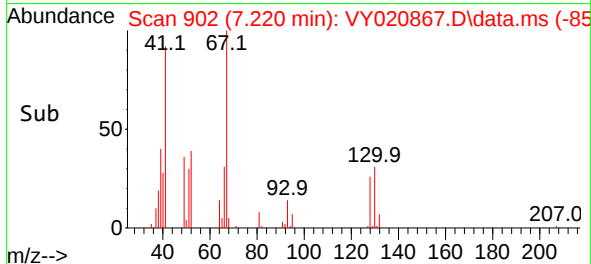
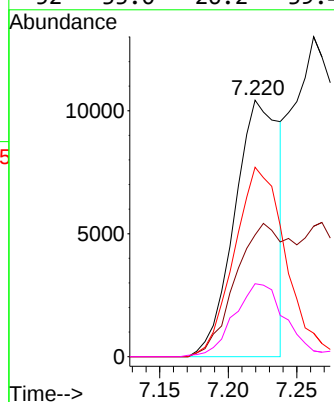


#41
Methacrylonitrile
Concen: 48.343 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Instrument :
MSVOA_Y
ClientSampleId :

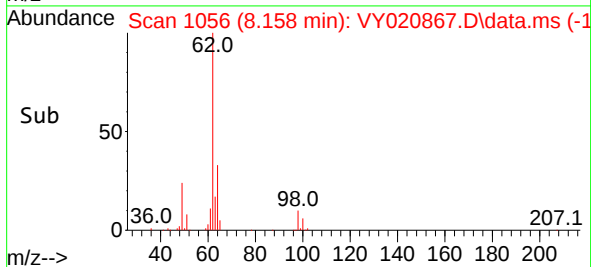
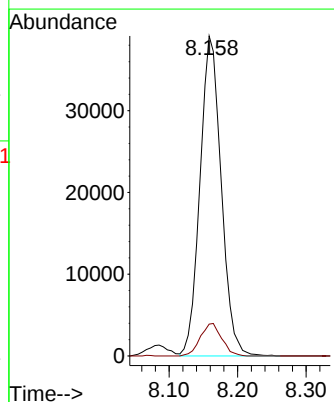
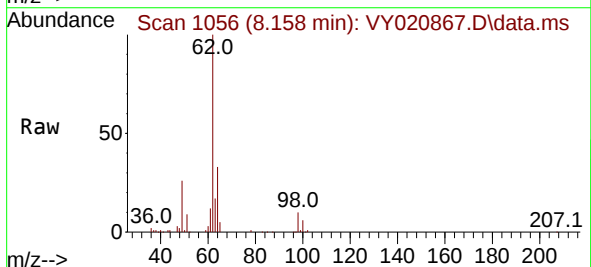


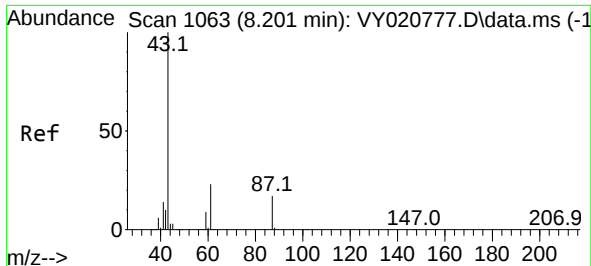
Tgt Ion: 41 Resp: 23697
Ion Ratio Lower Upper
41 100
39 66.0 42.4 63.6#
67 85.7 67.8 101.8
52 33.0 26.2 39.4



#42
1,2-Dichloroethane
Concen: 46.801 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

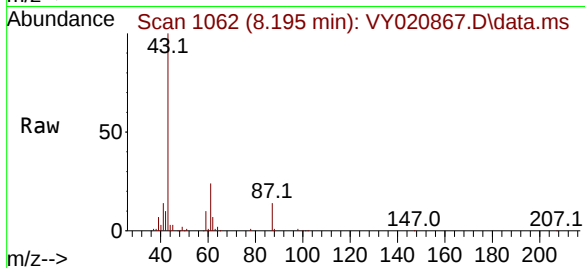
Tgt Ion: 62 Resp: 84370
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.6



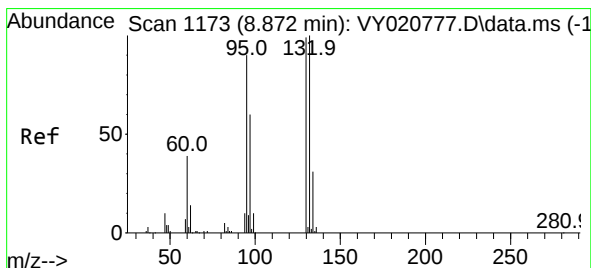
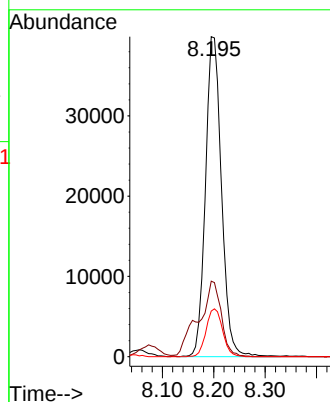
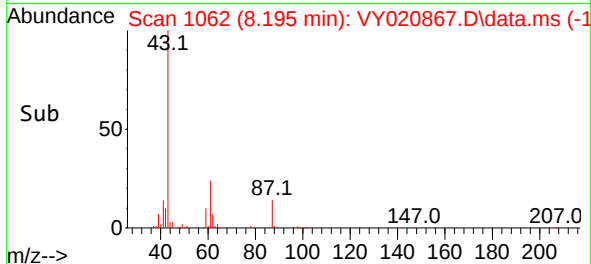


#43
Isopropyl Acetate
Concen: 49.576 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

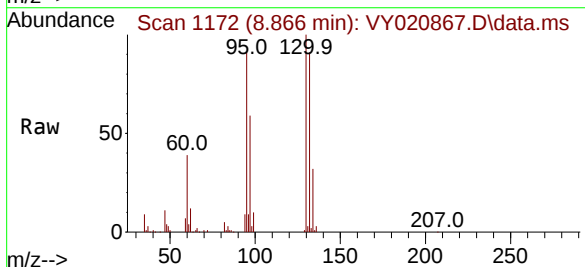
Instrument :
MSVOA_Y
ClientSampleId :



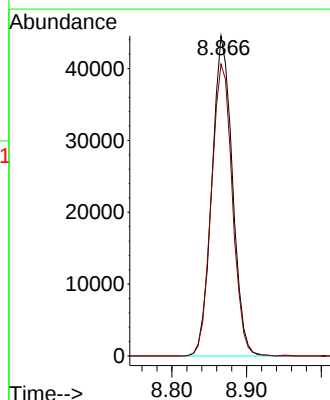
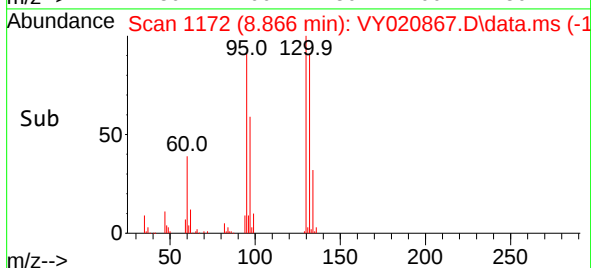
Tgt Ion: 43 Resp: 86308
Ion Ratio Lower Upper
43 100
61 33.8 26.5 39.7
87 15.4 13.4 20.0

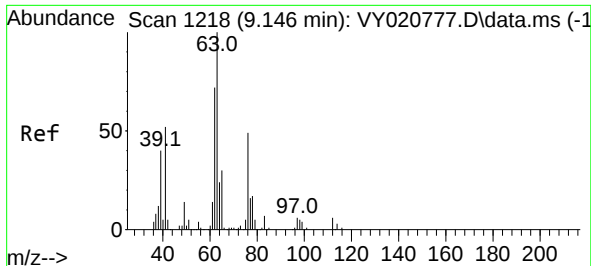


#44
Trichloroethene
Concen: 45.991 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50



Tgt Ion:130 Resp: 84634
Ion Ratio Lower Upper
130 100
95 91.2 0.0 181.0





#45

1,2-Dichloropropane

Concen: 51.393 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

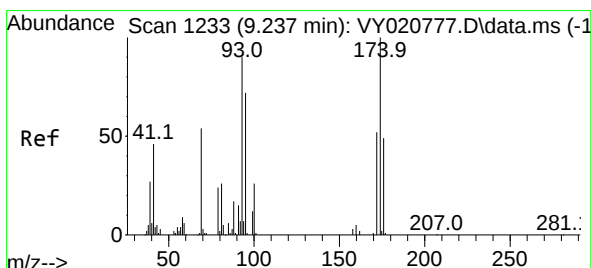
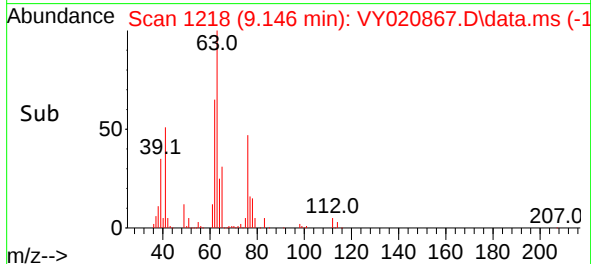
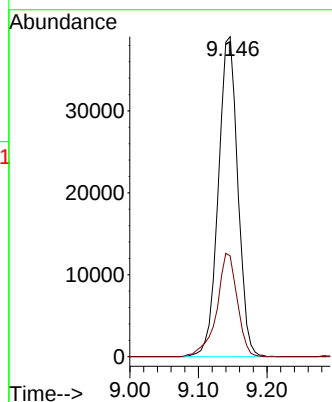
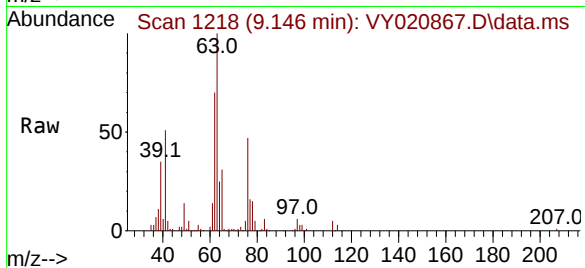
ClientSampleId :

Tgt Ion: 63 Resp: 76910

Ion Ratio Lower Upper

63 100

65 31.5 24.2 36.4



#46

Dibromomethane

Concen: 50.027 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

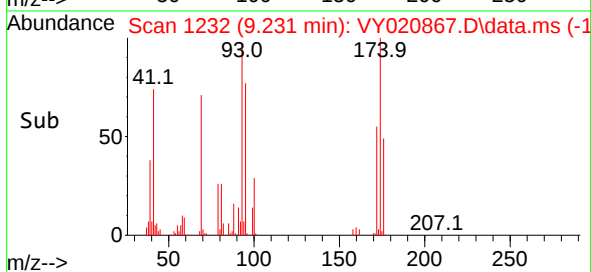
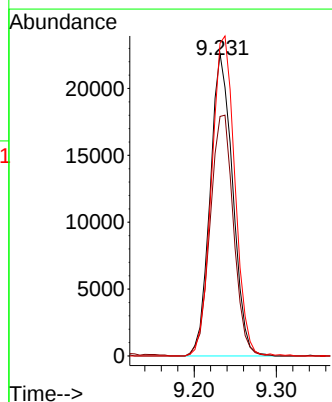
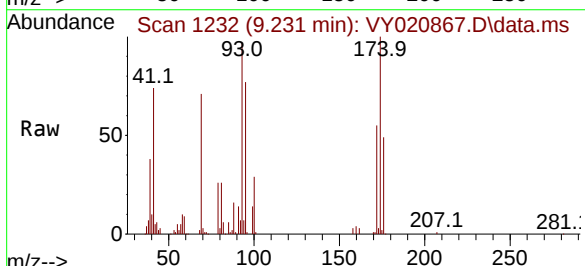
Tgt Ion: 93 Resp: 42991

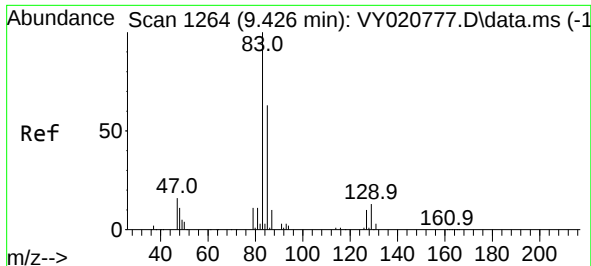
Ion Ratio Lower Upper

93 100

95 82.4 68.2 102.4

174 109.4 89.0 133.6

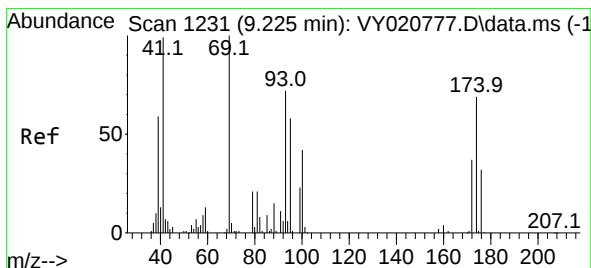
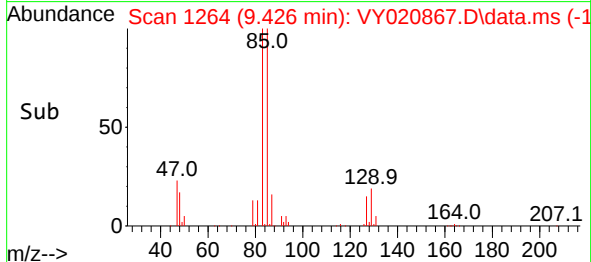
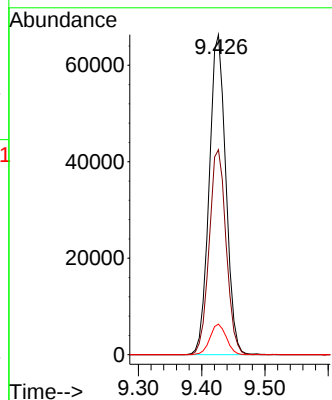
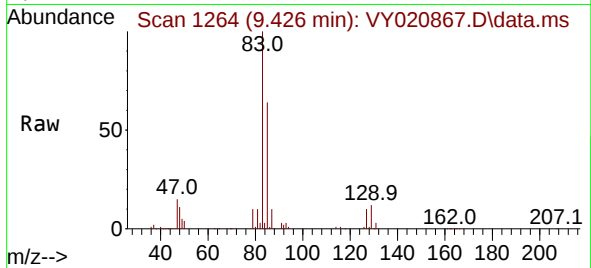




#47
Bromodichloromethane
Concen: 49.350 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

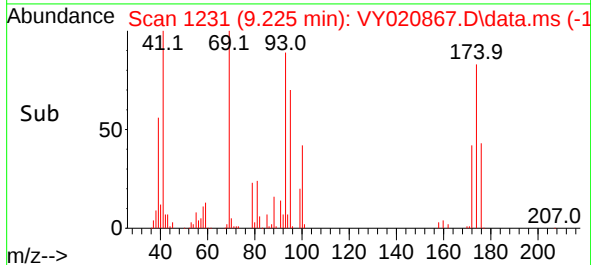
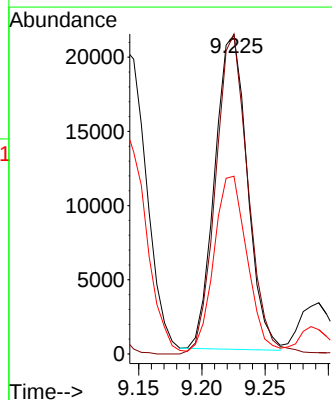
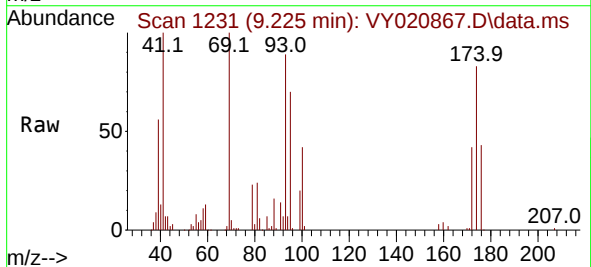
Instrument :
MSVOA_Y
ClientSampleId :

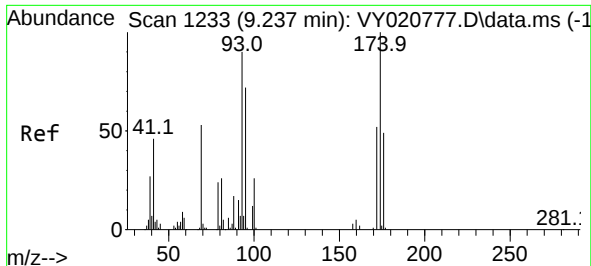
Tgt Ion: 83 Resp: 121458
Ion Ratio Lower Upper
83 100
85 64.0 50.7 76.1
127 9.6 7.9 11.9



#48
Methyl methacrylate
Concen: 48.584 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 41 Resp: 37919
Ion Ratio Lower Upper
41 100
69 101.6 78.9 118.3
39 58.0 44.6 67.0





#49

1,4-Dioxane

Concen: 977.083 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

ClientSampleId :

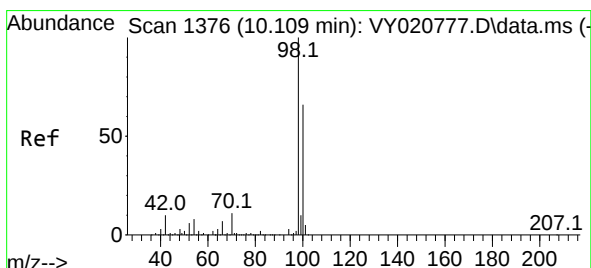
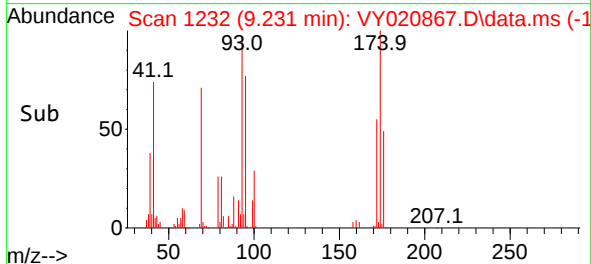
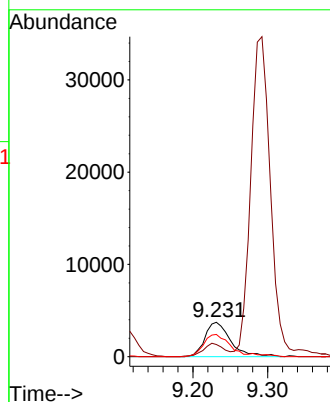
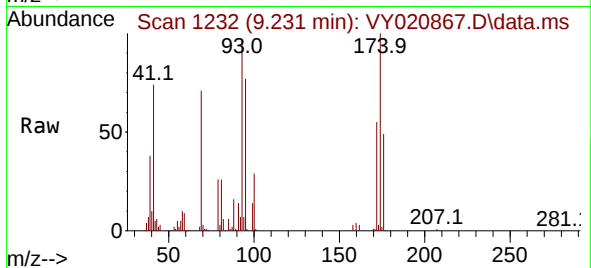
Tgt Ion: 88 Resp: 8915

Ion Ratio Lower Upper

88 100

43 31.1 24.4 36.6

58 64.6 51.0 76.6



#50

Toluene-d8

Concen: 54.921 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020867.D

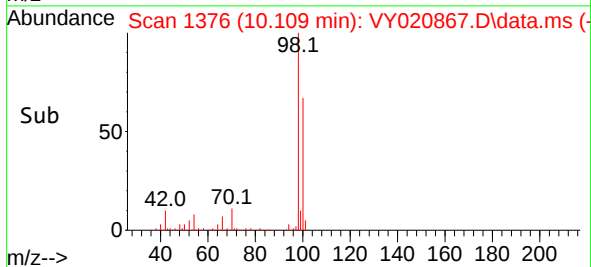
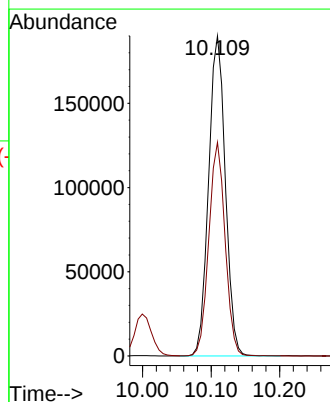
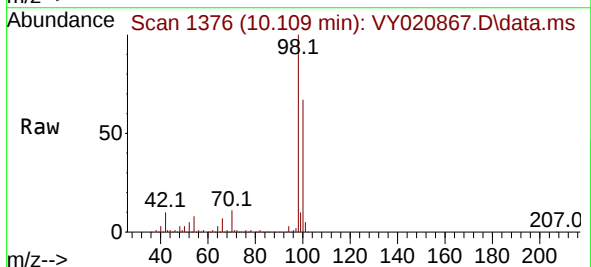
Acq: 17 Jan 2025 19:50

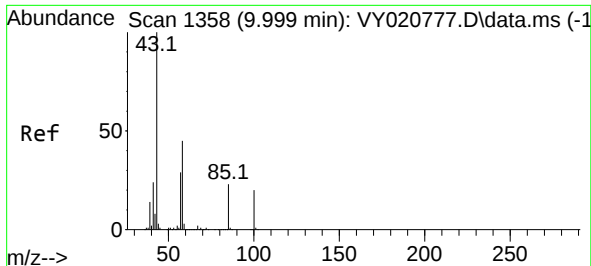
Tgt Ion: 98 Resp: 322847

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 257.008 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

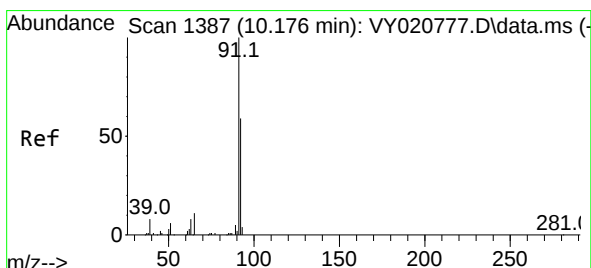
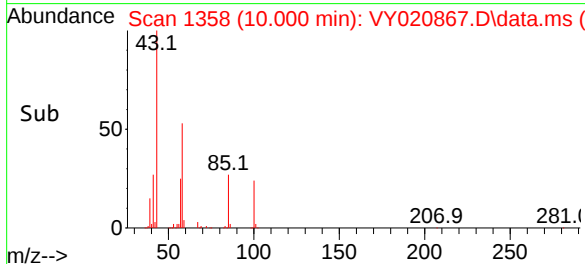
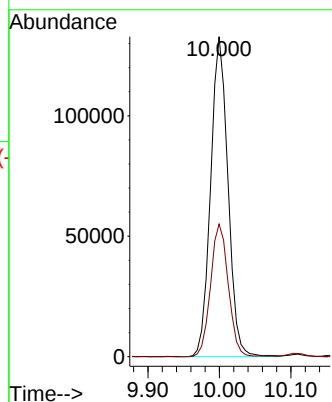
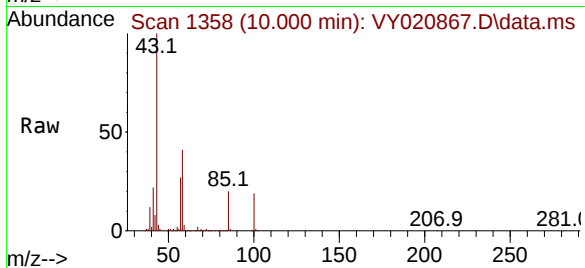
ClientSampleId :

Tgt Ion: 43 Resp: 223532

Ion Ratio Lower Upper

43 100

58 42.4 34.8 52.2



#52

Toluene

Concen: 47.934 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.006 min

Lab File: VY020867.D

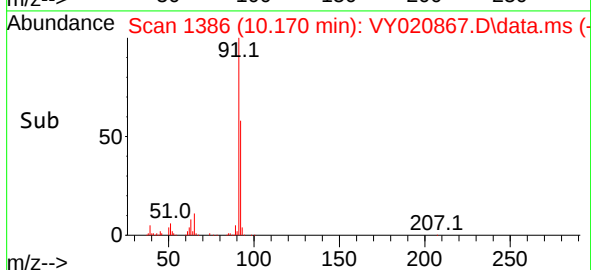
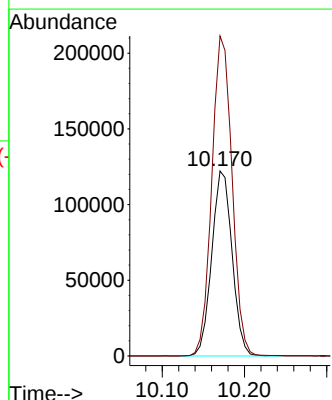
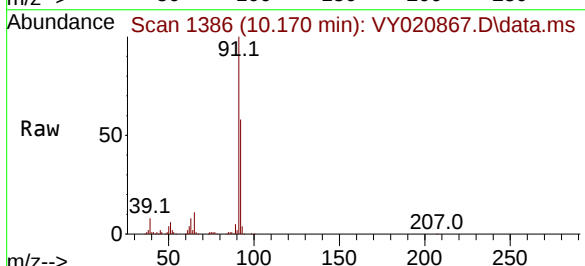
Acq: 17 Jan 2025 19:50

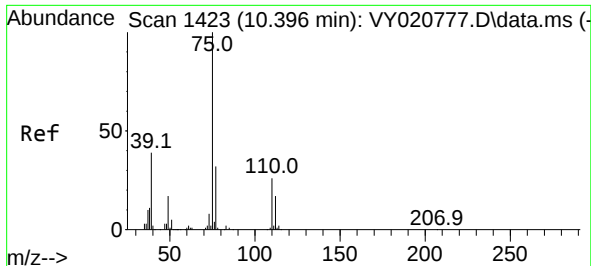
Tgt Ion: 92 Resp: 209537

Ion Ratio Lower Upper

92 100

91 172.4 136.6 204.8

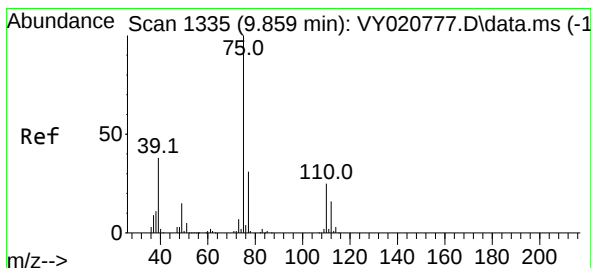
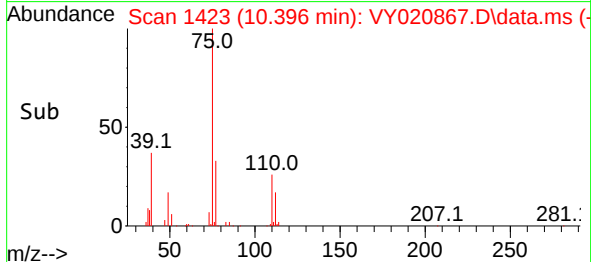
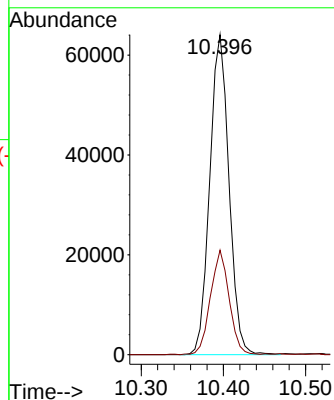
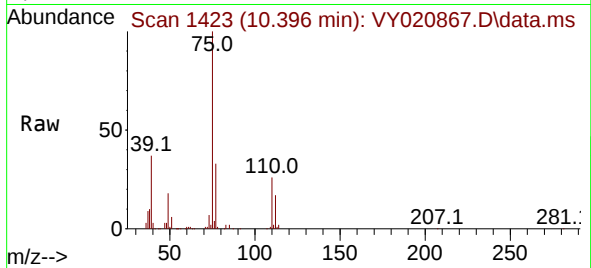




#53
t-1,3-Dichloropropene
Concen: 47.574 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

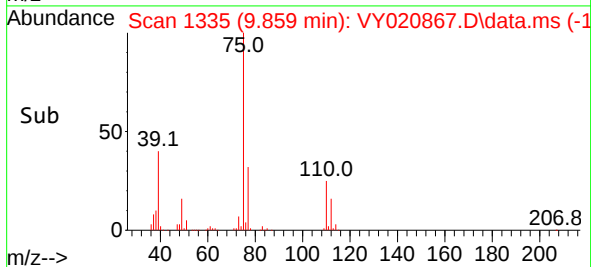
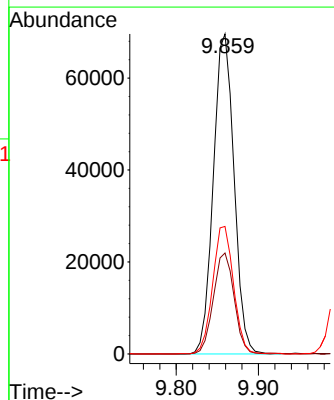
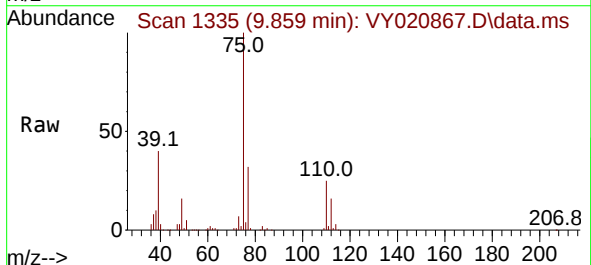
Instrument :
MSVOA_Y
ClientSampleId :

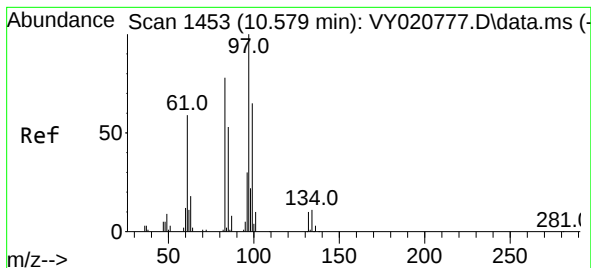
Tgt Ion: 75 Resp: 104137
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 47.919 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

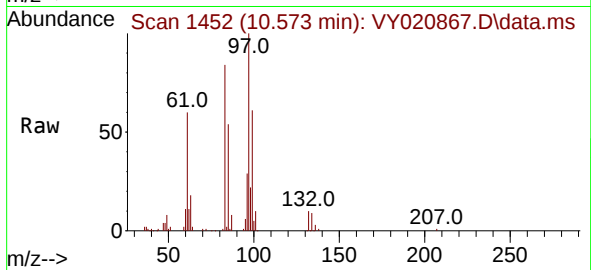
Tgt Ion: 75 Resp: 121820
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7
39 39.7 30.7 46.1



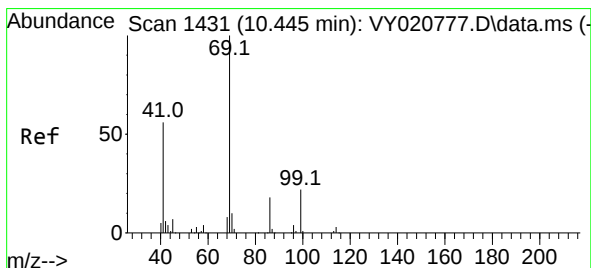
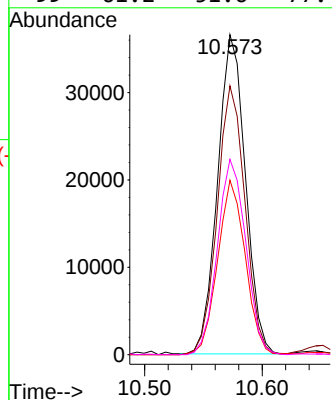
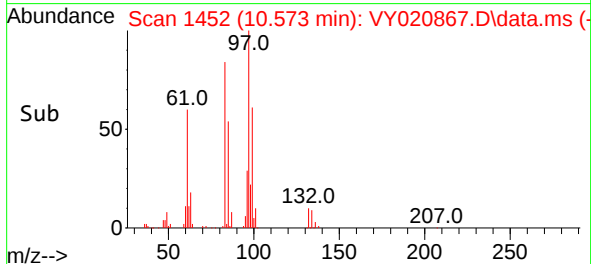


#55
1,1,2-Trichloroethane
Concen: 48.869 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Instrument :
MSVOA_Y
ClientSampleId :

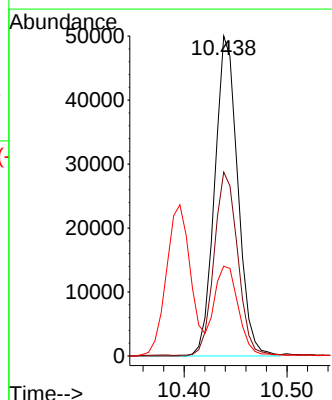
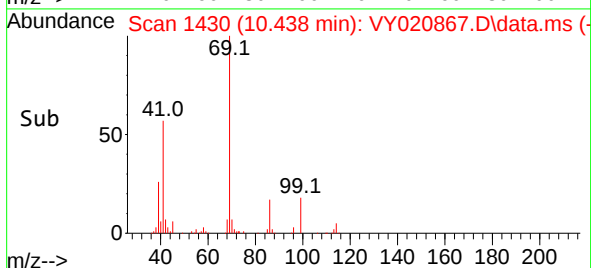
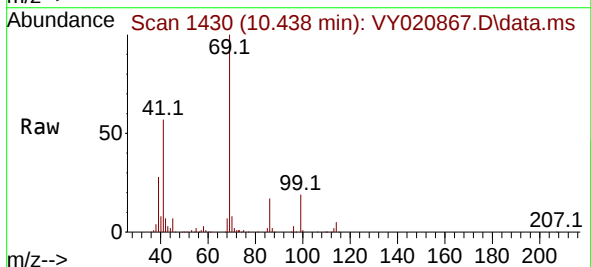


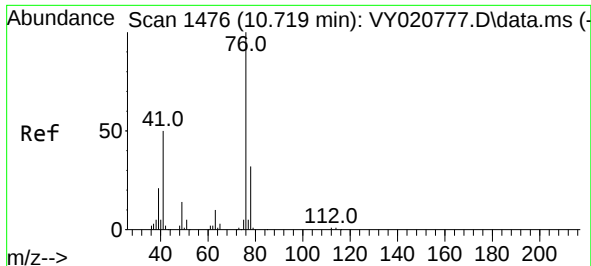
Tgt Ion: 97	Resp: 59997
Ion Ratio	Lower Upper
97 100	
83 84.2	62.8 94.2
85 54.6	42.4 63.6
99 61.2	51.6 77.4



#56
Ethyl methacrylate
Concen: 50.393 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 69	Resp: 78134
Ion Ratio	Lower Upper
69 100	
41 58.5	46.6 69.8
39 29.4	25.7 38.5





#57

1,3-Dichloropropane

Concen: 50.373 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

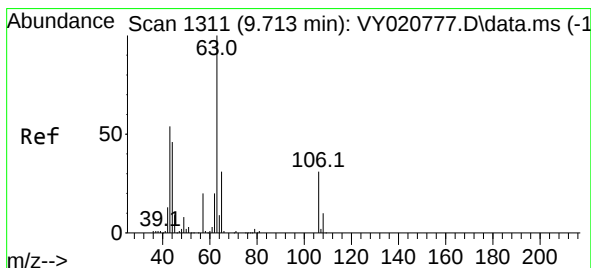
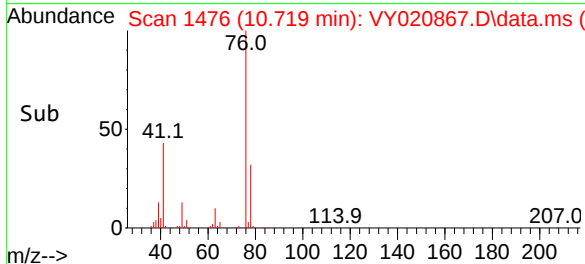
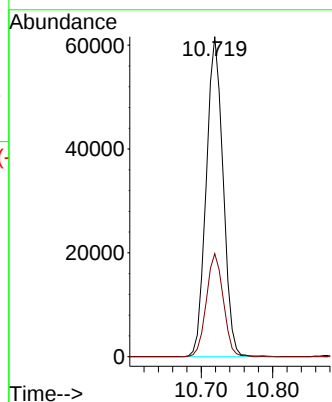
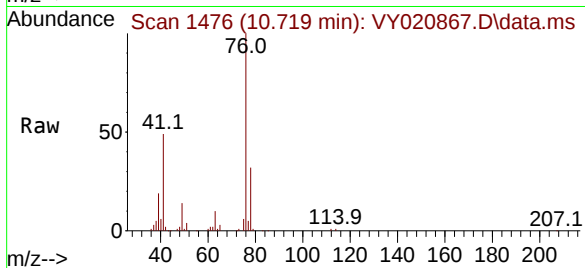
ClientSampleId :

Tgt Ion: 76 Resp: 100807

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 253.999 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020867.D

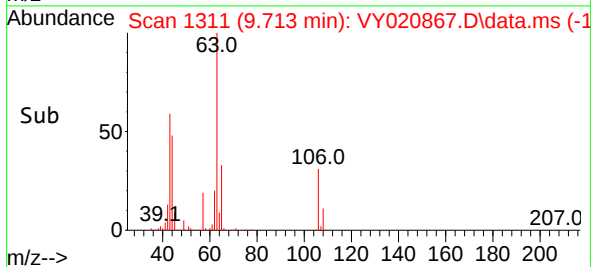
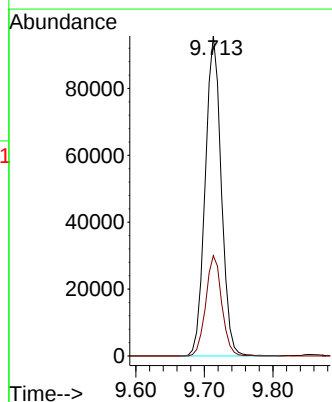
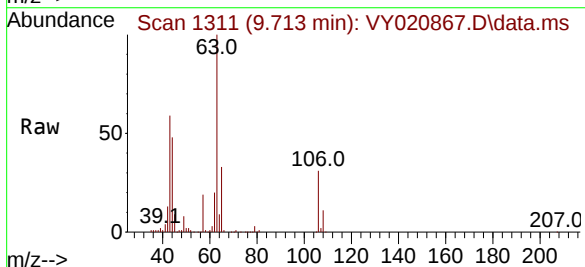
Acq: 17 Jan 2025 19:50

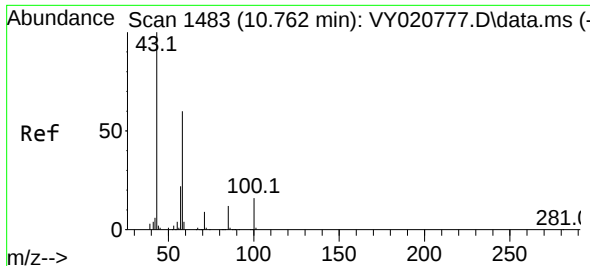
Tgt Ion: 63 Resp: 156233

Ion Ratio Lower Upper

63 100

106 31.2 25.9 38.9

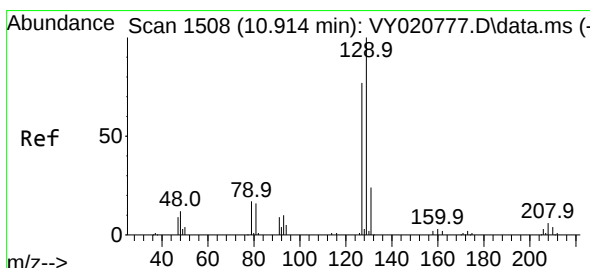
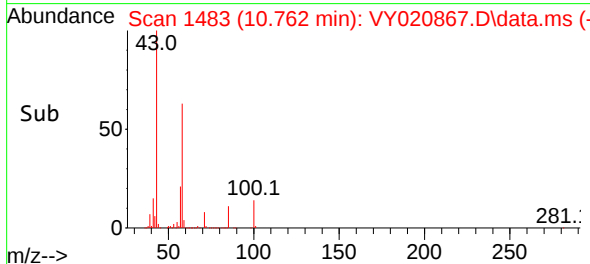
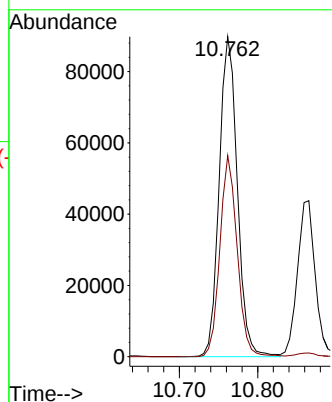
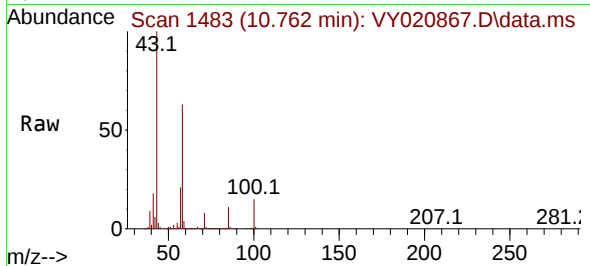




#59
2-Hexanone
Concen: 259.430 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

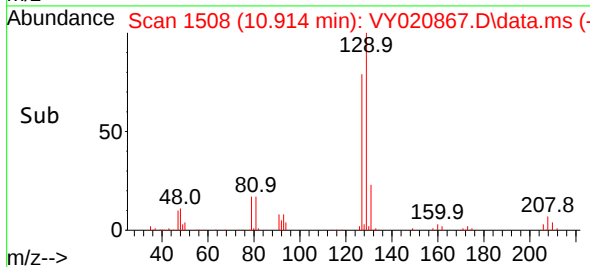
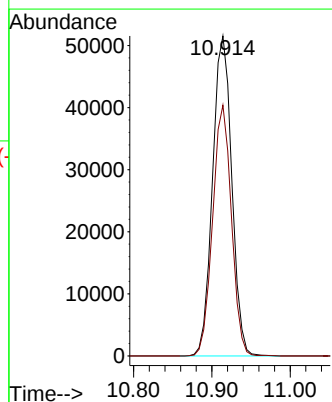
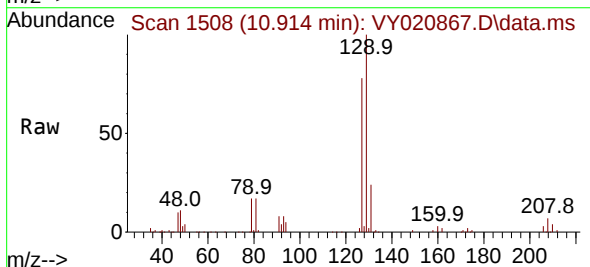
Instrument :
MSVOA_Y
ClientSampleId :

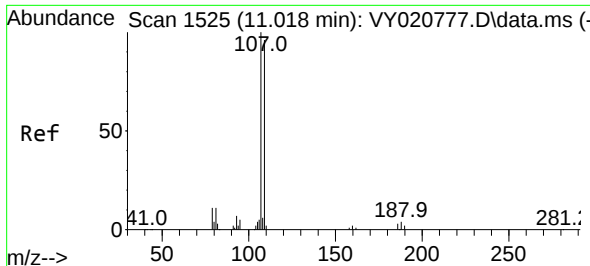
Tgt Ion: 43 Resp: 144758
Ion Ratio Lower Upper
43 100
58 60.0 30.6 92.0



#60
Dibromochloromethane
Concen: 49.269 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 129 Resp: 87727
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9

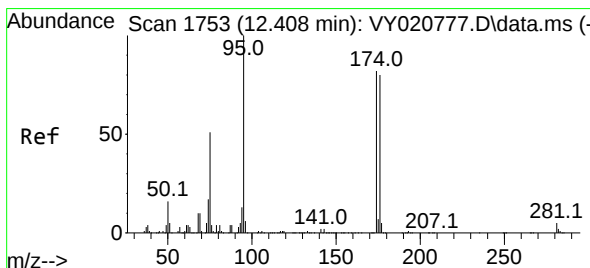
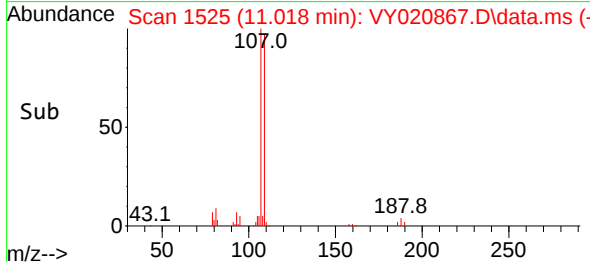
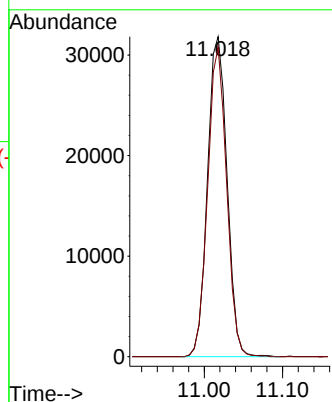
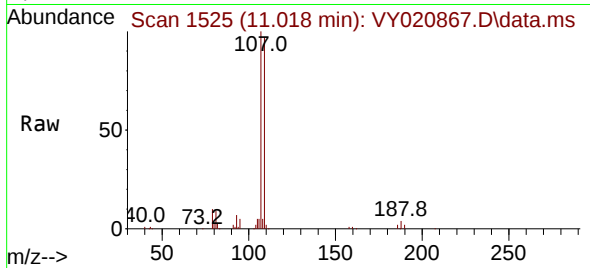




#61
1,2-Dibromoethane
Concen: 49.962 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

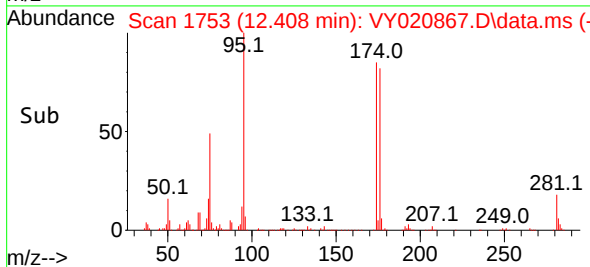
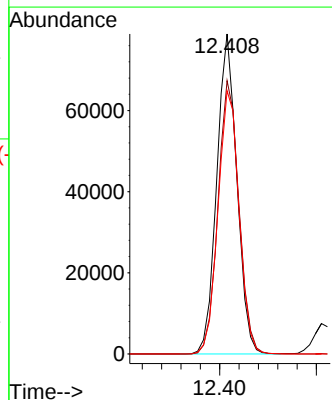
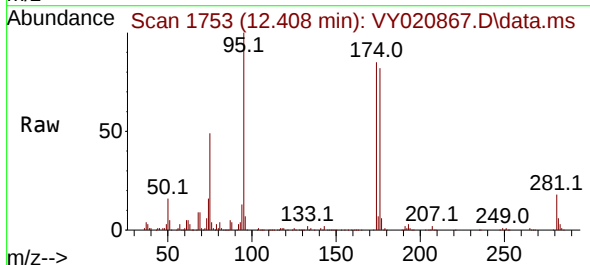
Instrument :
MSVOA_Y
ClientSampleId :

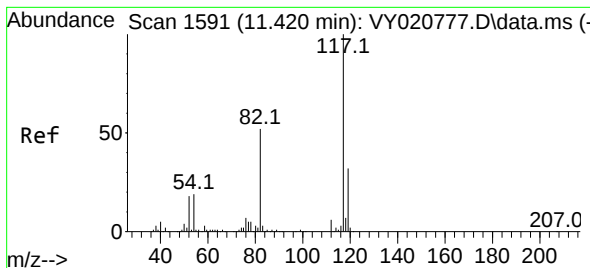
Tgt Ion:107 Resp: 55068
Ion Ratio Lower Upper
107 100
109 93.9 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 52.344 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 95 Resp: 113628
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.0
176 86.1 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

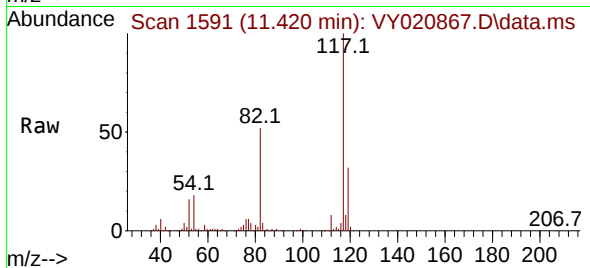
Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

ClientSampleId :



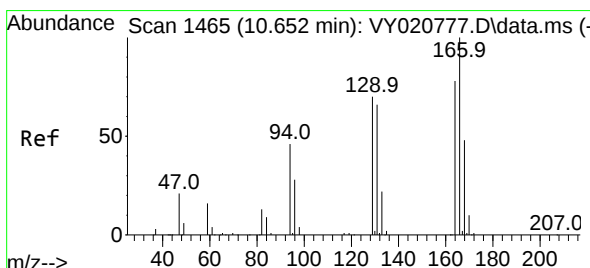
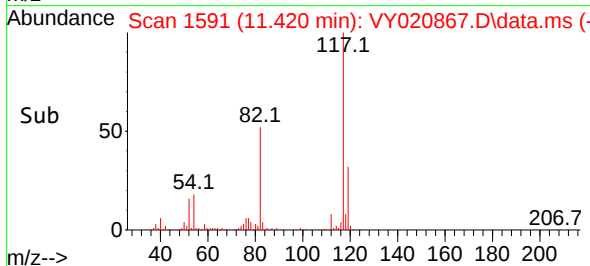
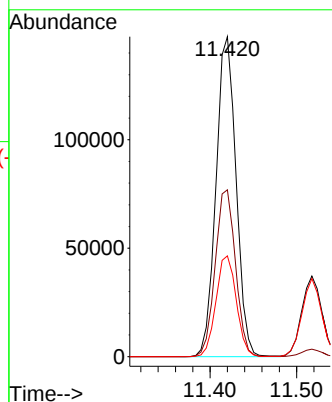
Tgt Ion:117 Resp: 237457

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.6

119 31.5 25.8 38.8



#64

Tetrachloroethene

Concen: 42.572 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Tgt Ion:164 Resp: 74323

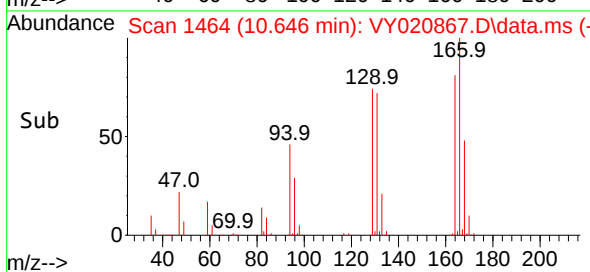
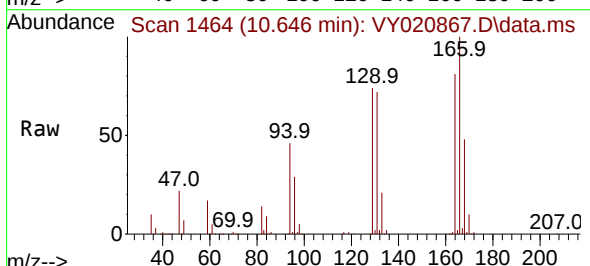
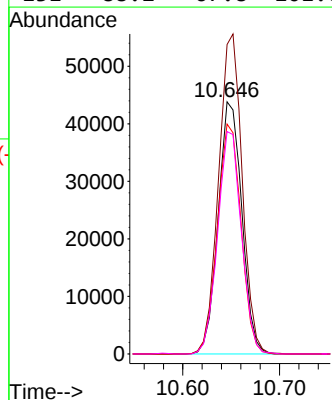
Ion Ratio Lower Upper

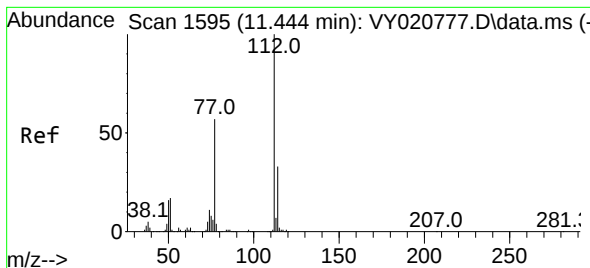
164 100

166 122.7 102.0 153.0

129 91.2 71.4 107.2

131 88.2 67.8 101.6





#65

Chlorobenzene

Concen: 45.945 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

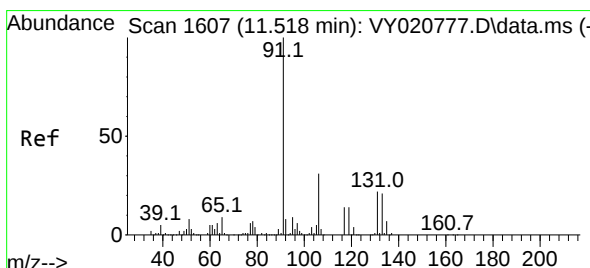
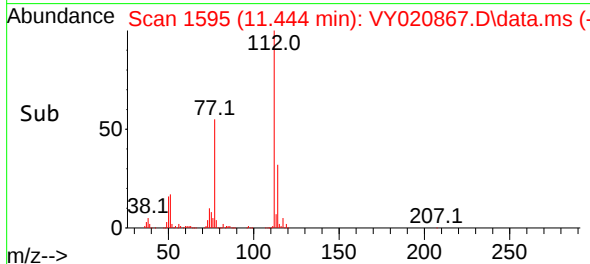
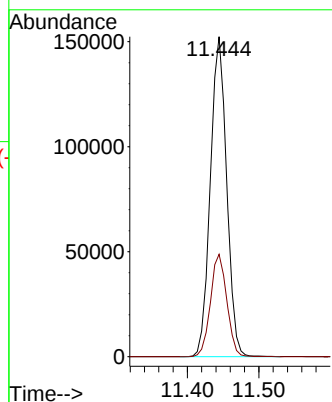
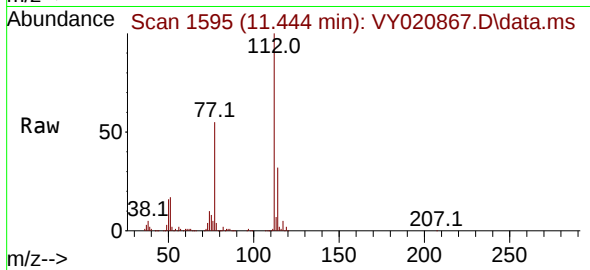
ClientSampleId :

Tgt Ion:112 Resp: 241220

Ion Ratio Lower Upper

112 100

114 32.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 45.758 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

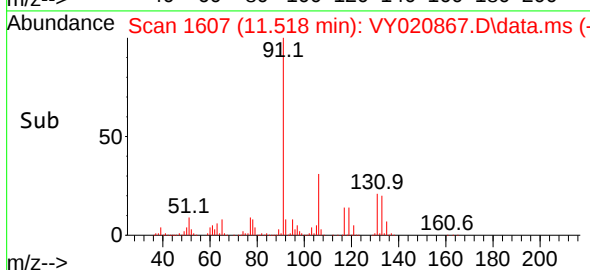
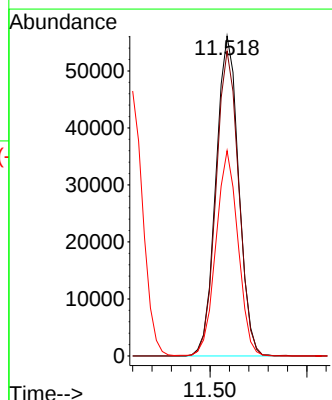
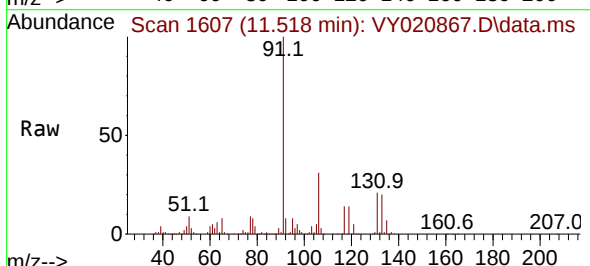
Tgt Ion:131 Resp: 91455

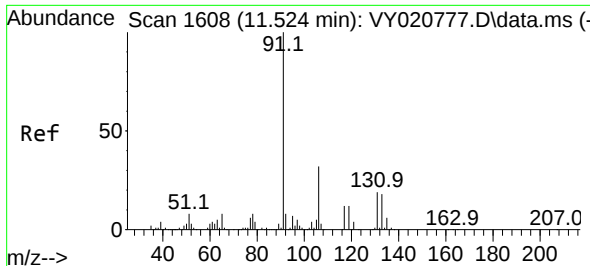
Ion Ratio Lower Upper

131 100

133 95.1 46.9 140.8

119 62.4 30.2 90.6





#67

Ethyl Benzene

Concen: 45.463 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

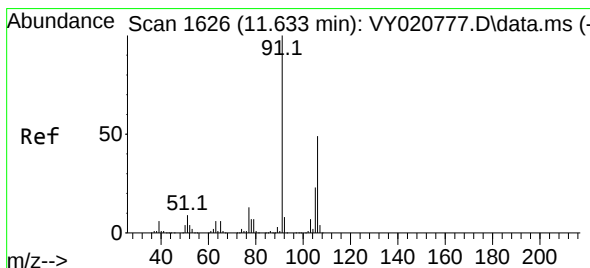
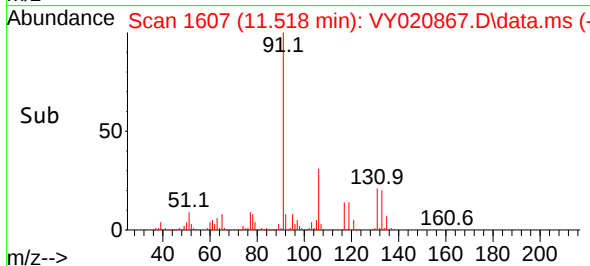
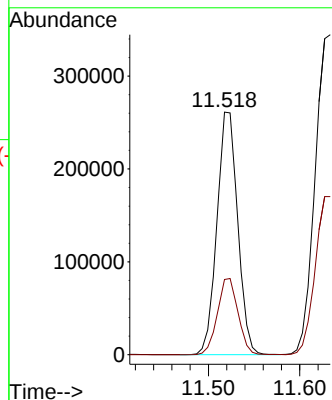
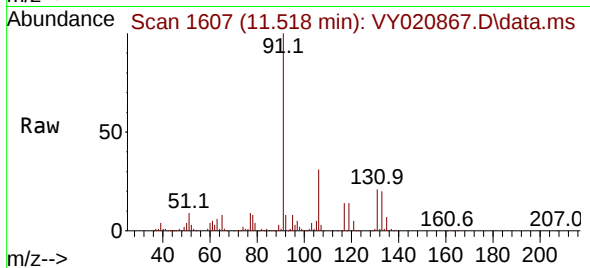
ClientSampleId :

Tgt Ion: 91 Resp: 413248

Ion Ratio Lower Upper

91 100

106 31.0 25.5 38.3



#68

m/p-Xylenes

Concen: 90.198 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020867.D

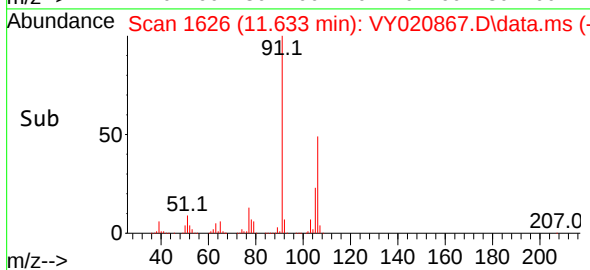
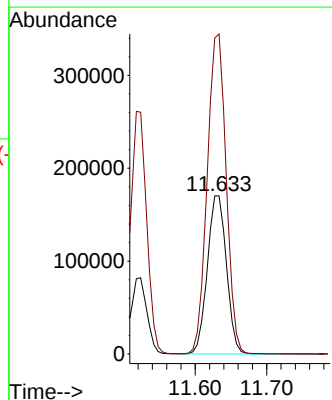
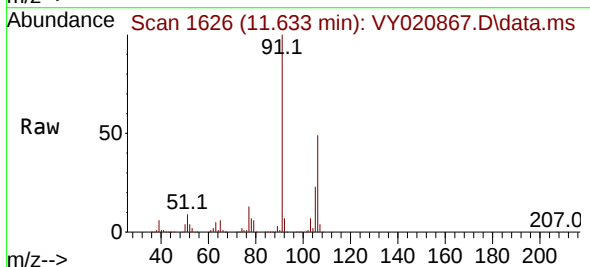
Acq: 17 Jan 2025 19:50

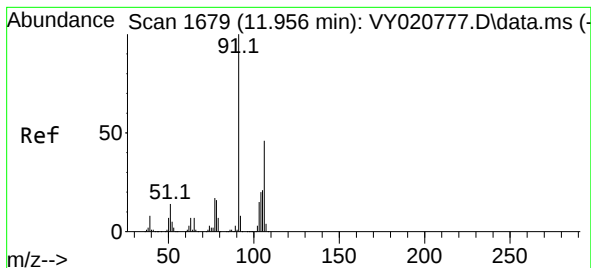
Tgt Ion:106 Resp: 315665

Ion Ratio Lower Upper

106 100

91 200.6 162.6 243.8





#69

o-Xylene

Concen: 46.061 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

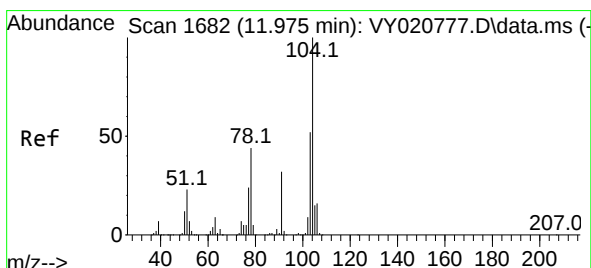
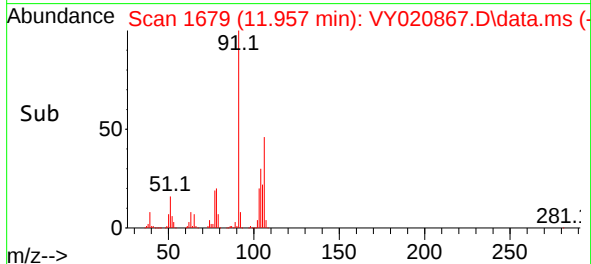
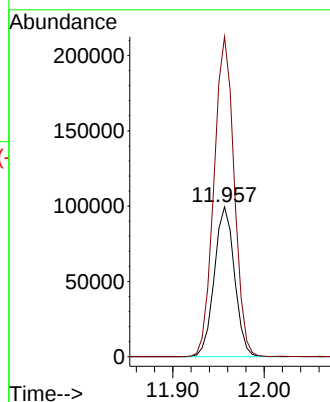
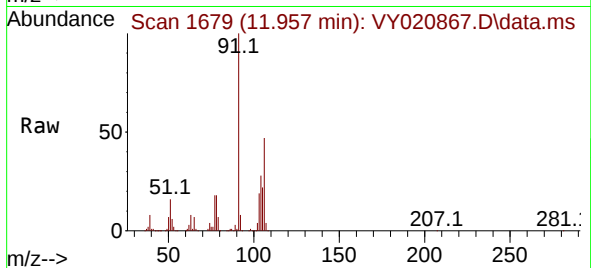
ClientSampleId :

Tgt Ion:106 Resp: 152842

Ion Ratio Lower Upper

106 100

91 213.5 108.2 324.6



#70

Styrene

Concen: 47.045 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

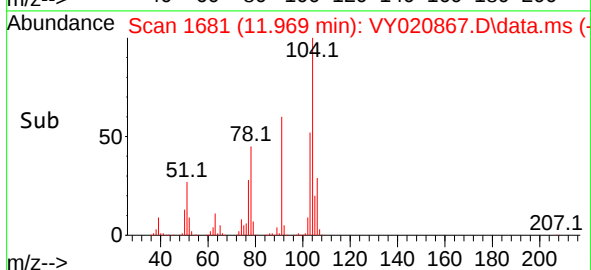
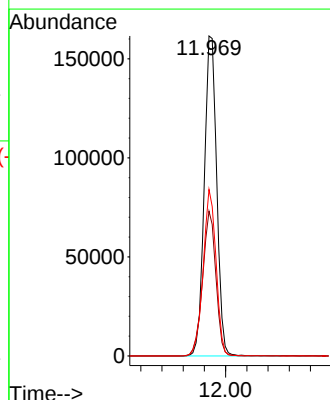
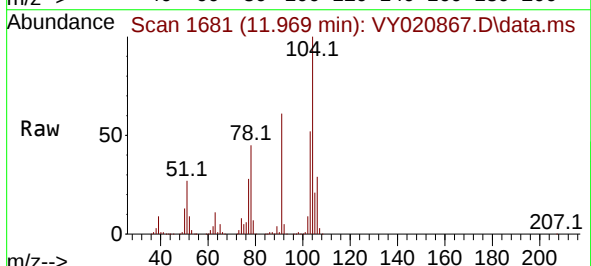
Tgt Ion:104 Resp: 262780

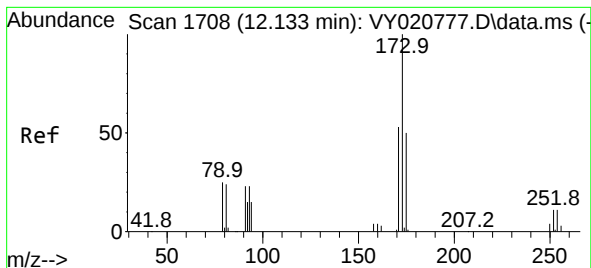
Ion Ratio Lower Upper

104 100

78 48.1 39.4 59.2

103 53.9 44.0 66.0





#71

Bromoform

Concen: 46.345 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020867.D

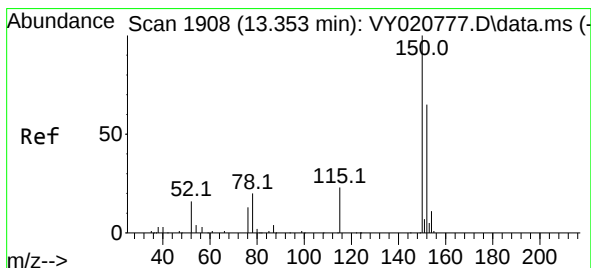
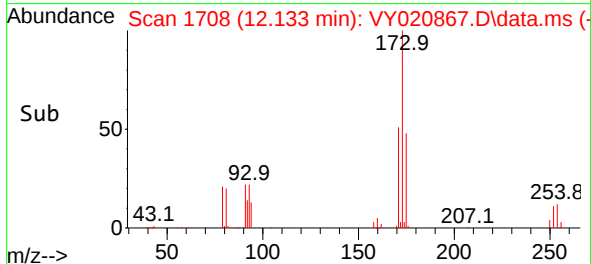
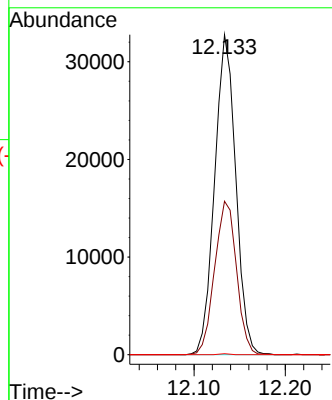
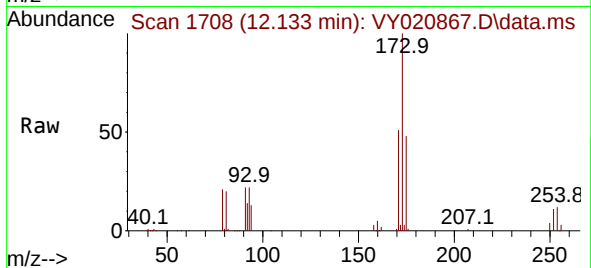
Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	52657
Ion Ratio	Lower	Upper
173	100	
175	49.7	24.2 72.6
254	0.1	0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

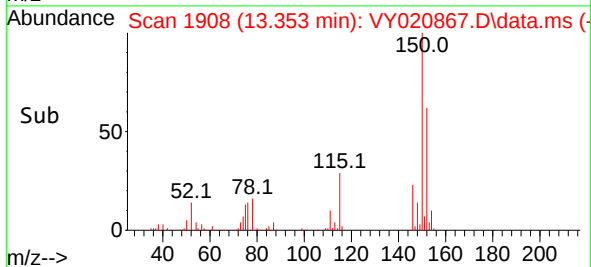
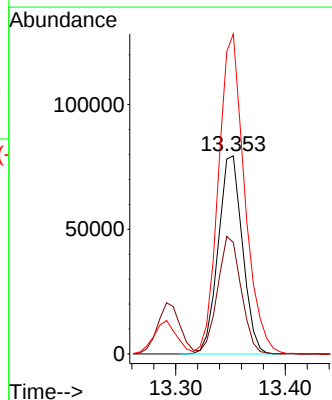
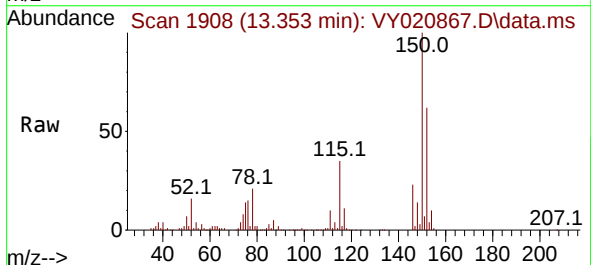
RT: 13.353 min Scan# 1908

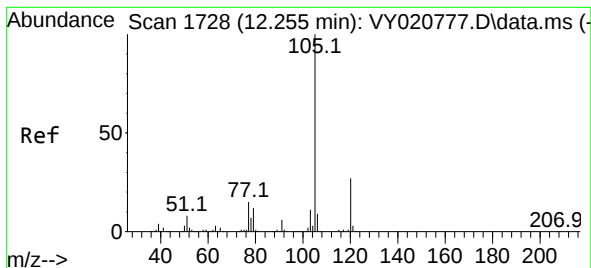
Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Tgt Ion:152	Resp:	122210
Ion Ratio	Lower	Upper
152	100	
115	57.5	29.0 87.0
150	174.0	0.0 347.4





#73

Isopropylbenzene

Concen: 42.248 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

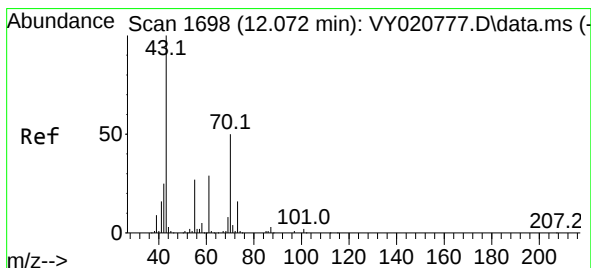
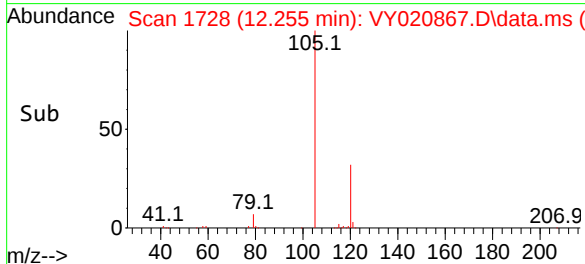
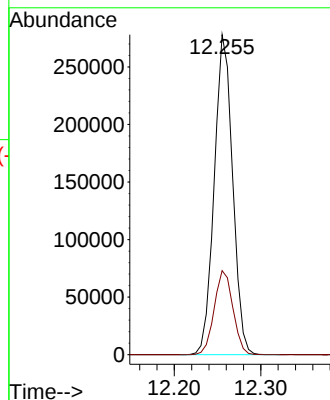
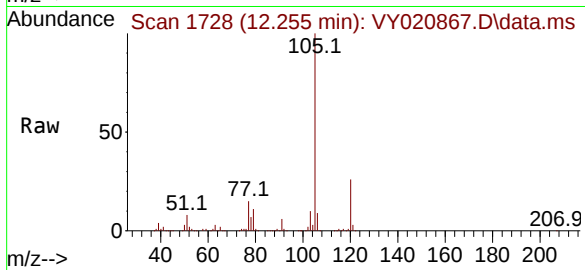
ClientSampleId :

Tgt Ion:105 Resp: 409599

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 47.806 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Tgt Ion: 43 Resp: 75815

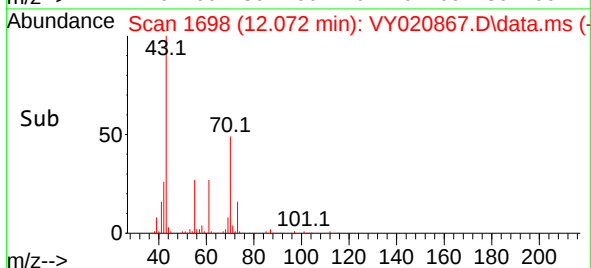
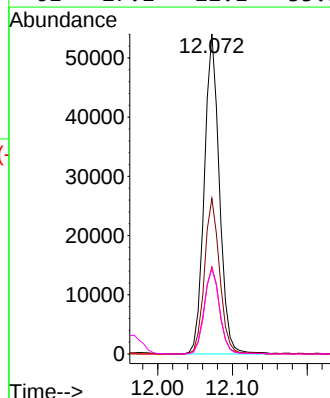
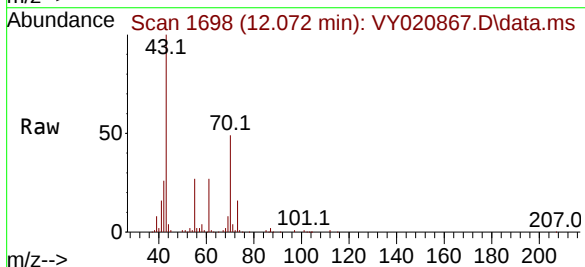
Ion Ratio Lower Upper

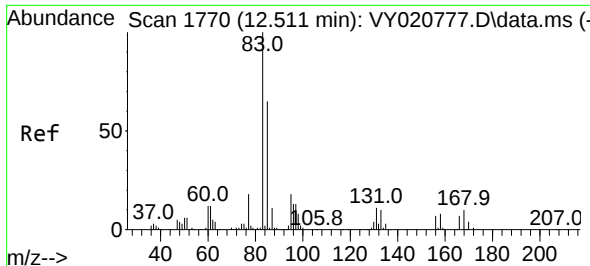
43 100

70 48.8 40.2 60.4

55 27.7 21.2 31.8

61 27.1 22.1 33.1

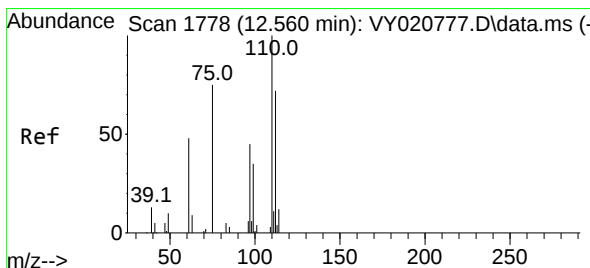
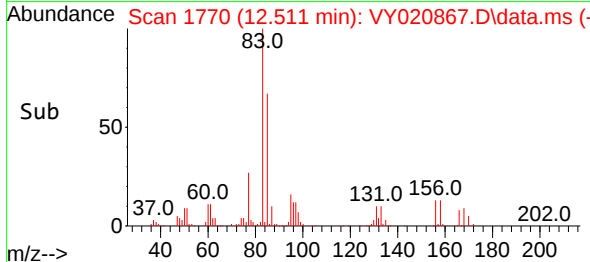
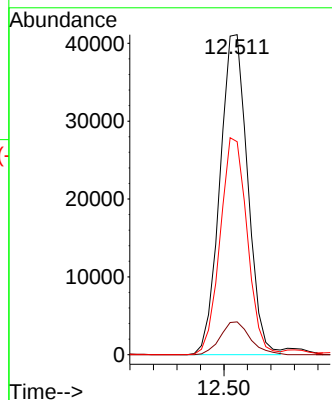
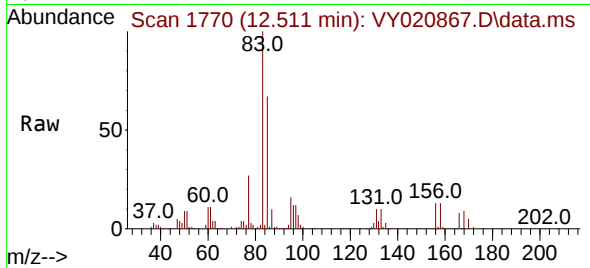




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.889 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY020867.D
 Acq: 17 Jan 2025 19:50

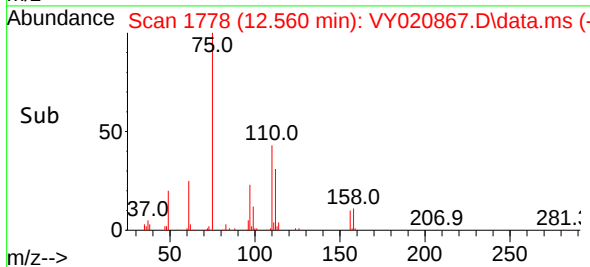
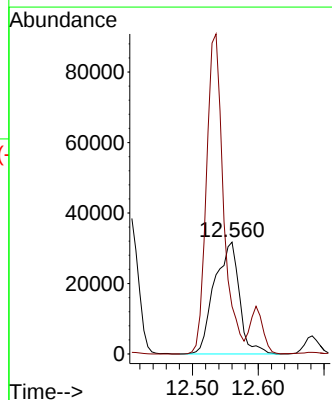
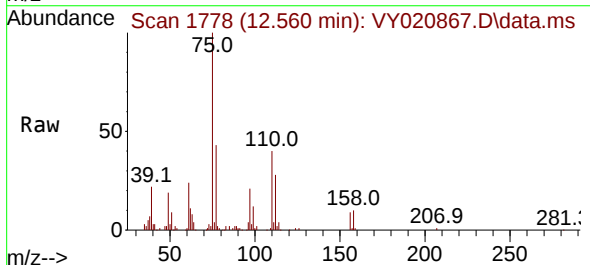
Instrument :
 MSVOA_Y
 ClientSampleId :

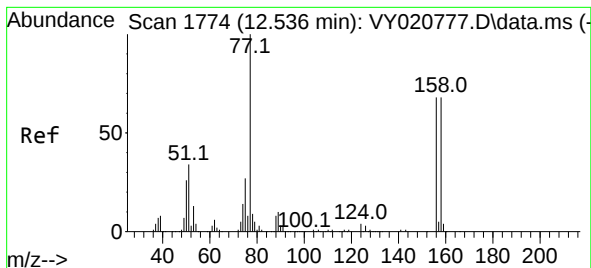
Tgt Ion: 83 Resp: 67431
 Ion Ratio Lower Upper
 83 100
 131 11.0 6.0 18.0
 85 66.2 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 78.262 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY020867.D
 Acq: 17 Jan 2025 19:50

Tgt Ion: 75 Resp: 83687
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.651 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

ClientSampleId :

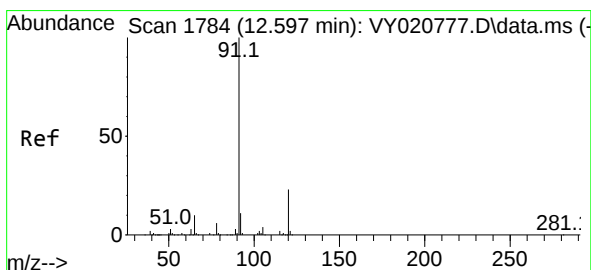
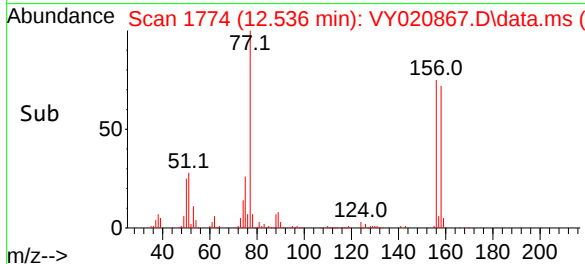
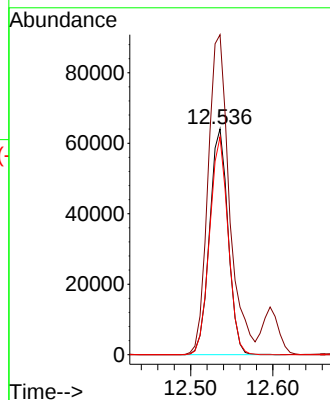
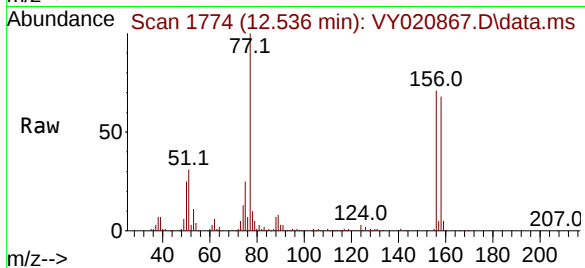
Tgt Ion:156 Resp: 99808

Ion Ratio Lower Upper

156 100

77 164.3 82.3 247.0

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 42.845 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020867.D

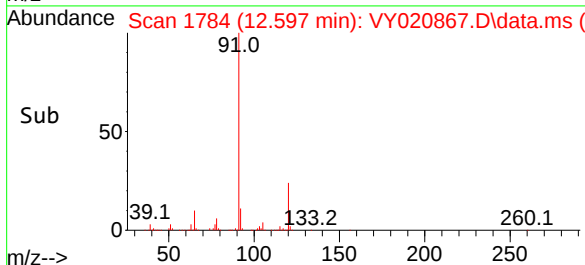
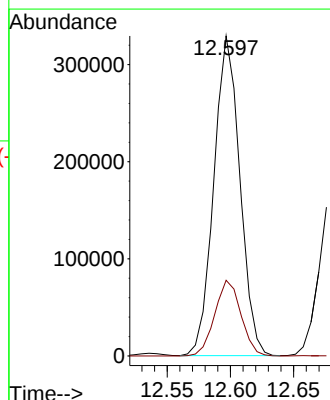
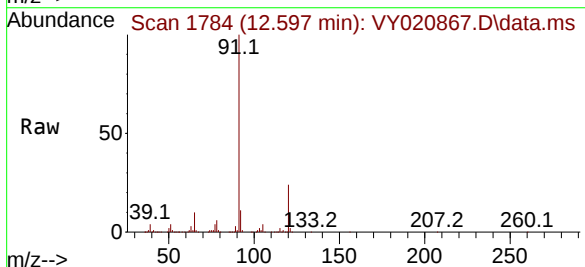
Acq: 17 Jan 2025 19:50

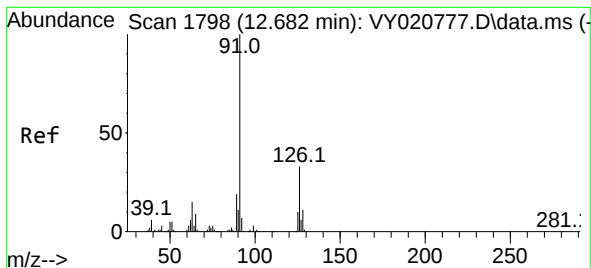
Tgt Ion: 91 Resp: 471484

Ion Ratio Lower Upper

91 100

120 23.8 12.0 36.1

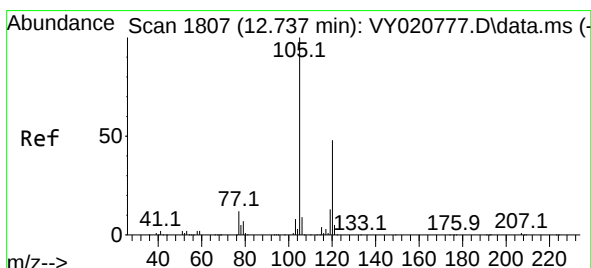
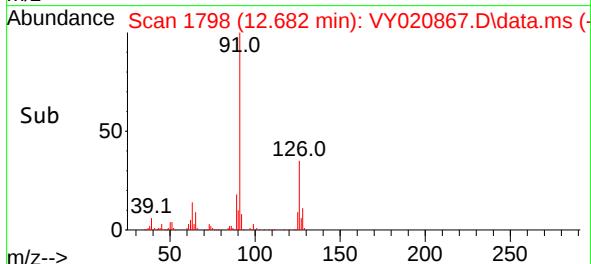
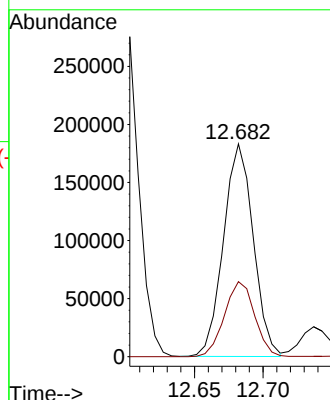
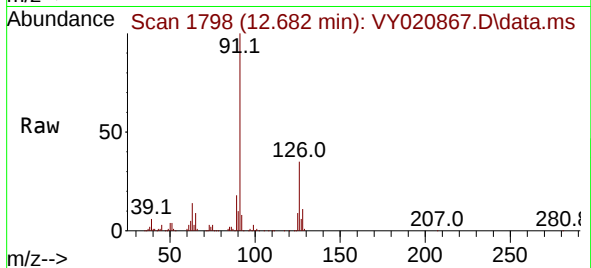




#79
2-Chlorotoluene
Concen: 43.734 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

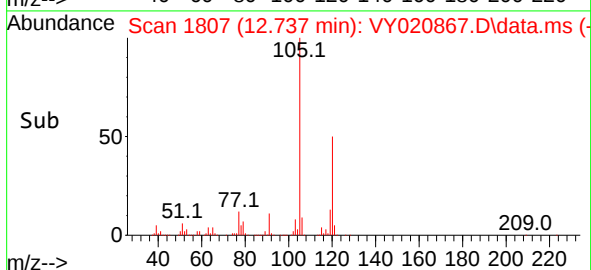
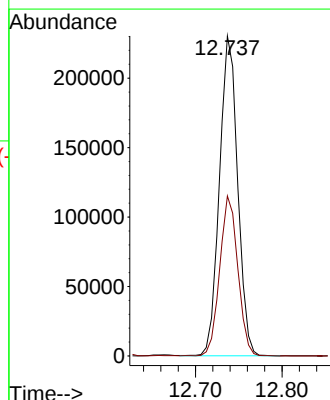
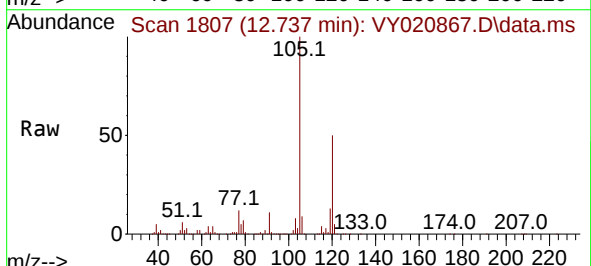
Instrument :
MSVOA_Y
ClientSampleId :

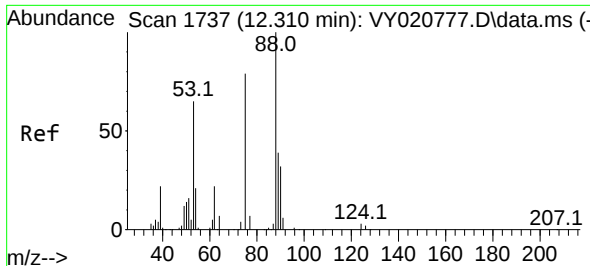
Tgt Ion: 91 Resp: 277144
Ion Ratio Lower Upper
91 100
126 35.8 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 42.740 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

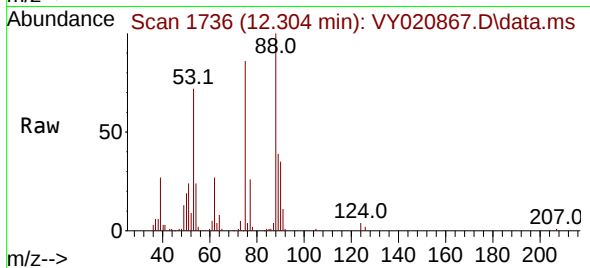
Tgt Ion: 105 Resp: 335816
Ion Ratio Lower Upper
105 100
120 49.8 24.5 73.5



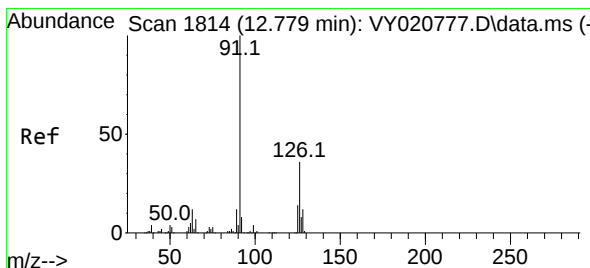
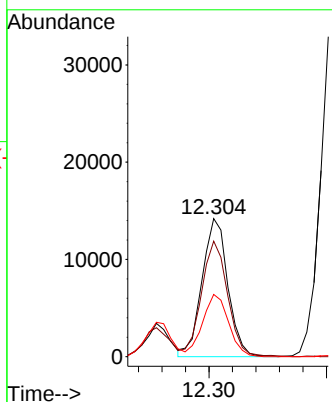
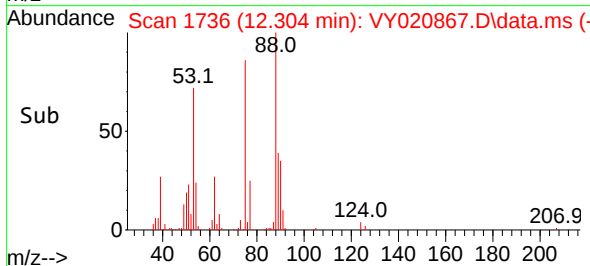


#81
trans-1,4-Dichloro-2-butene
Concen: 42.632 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Instrument :
MSVOA_Y
ClientSampleId :

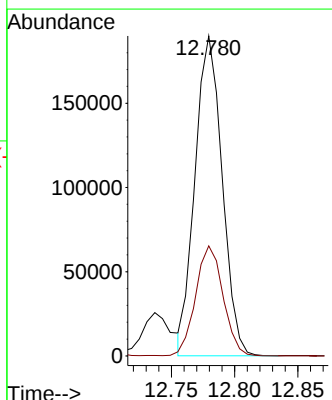
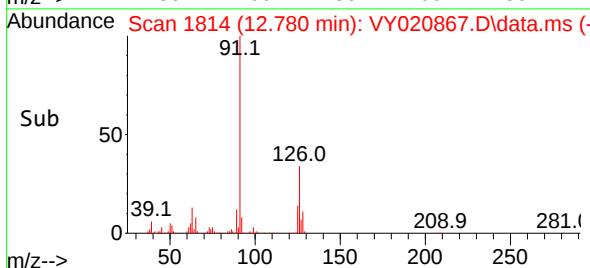
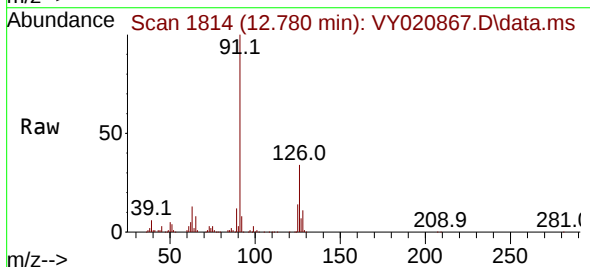


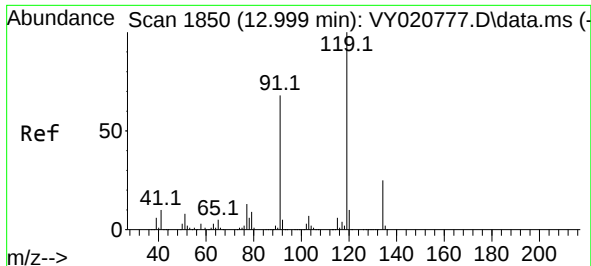
Tgt Ion: 75 Resp: 21620
Ion Ratio Lower Upper
75 100
53 85.5 69.4 104.0
89 45.4 39.6 59.4



#82
4-Chlorotoluene
Concen: 43.338 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion: 91 Resp: 283426
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7

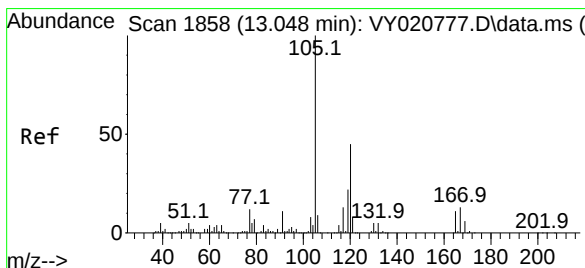
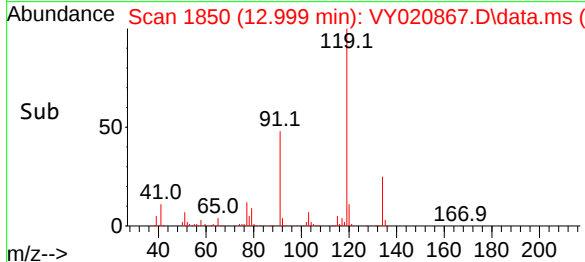
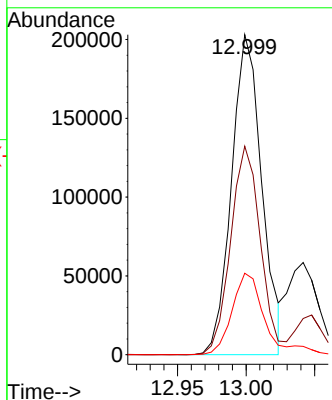
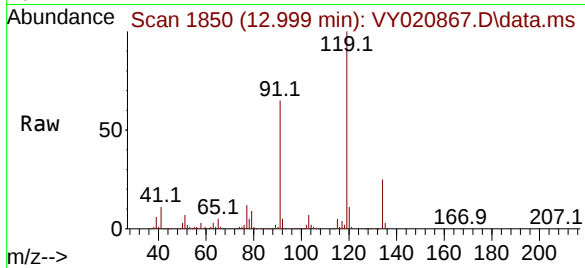




#83
tert-Butylbenzene
Concen: 42.520 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

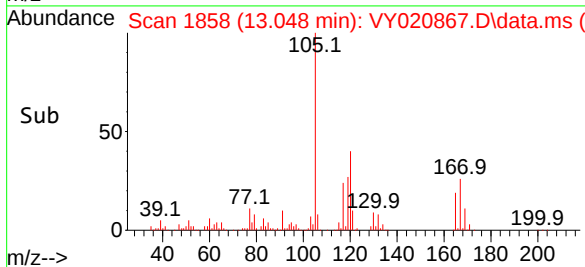
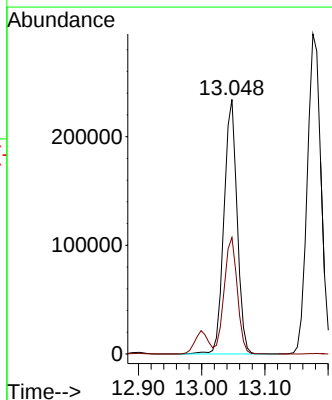
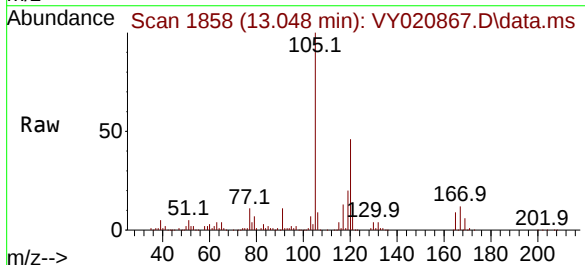
Instrument :
MSVOA_Y
ClientSampleId :

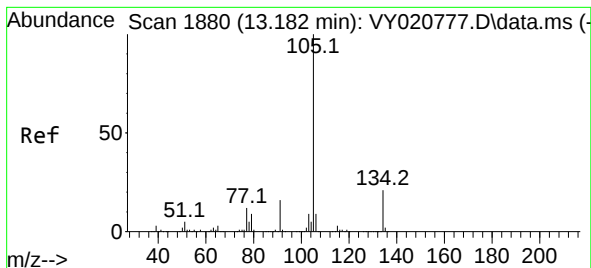
Tgt Ion:119 Resp: 312470
Ion Ratio Lower Upper
119 100
91 64.4 33.0 98.9
134 27.5 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 43.925 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion:105 Resp: 337022
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.2





#85

sec-Butylbenzene

Concen: 43.013 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

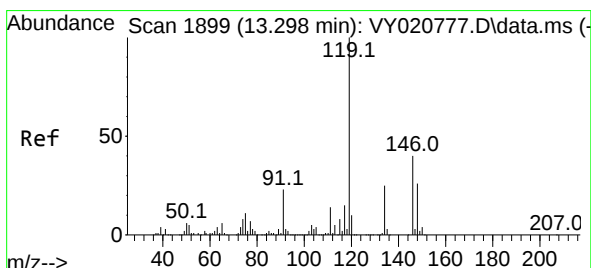
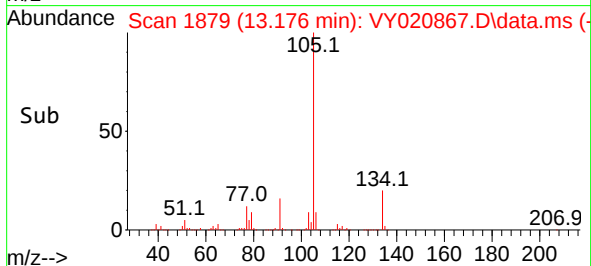
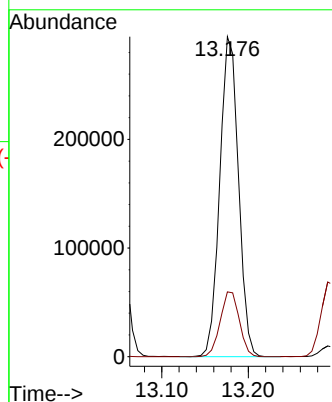
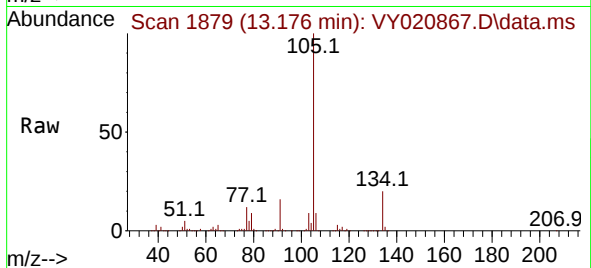
ClientSampleId :

Tgt Ion:105 Resp: 441507

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



#86

p-Isopropyltoluene

Concen: 42.989 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

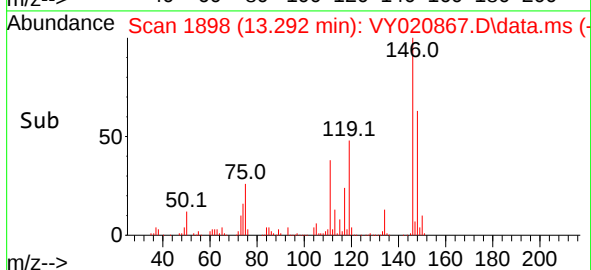
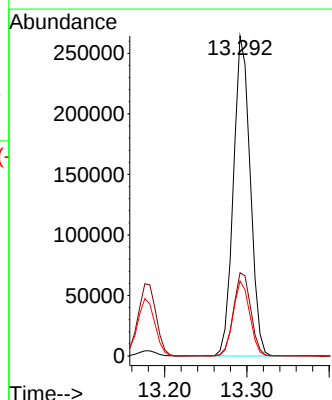
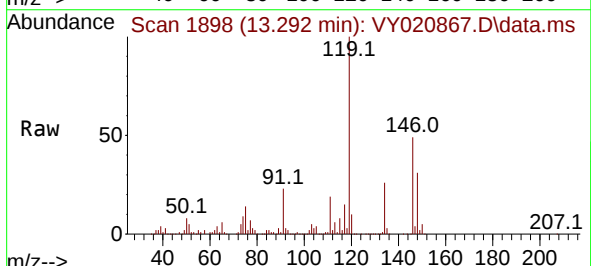
Tgt Ion:119 Resp: 376425

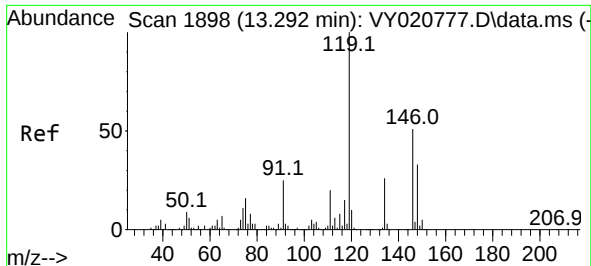
Ion Ratio Lower Upper

119 100

134 26.6 13.0 38.9

91 23.1 11.8 35.3

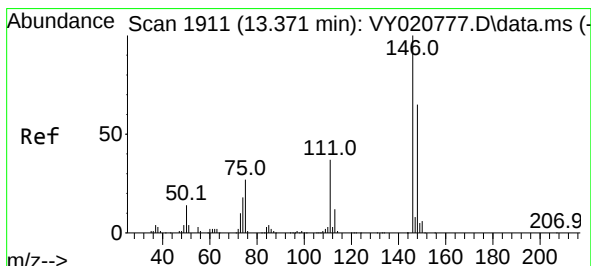
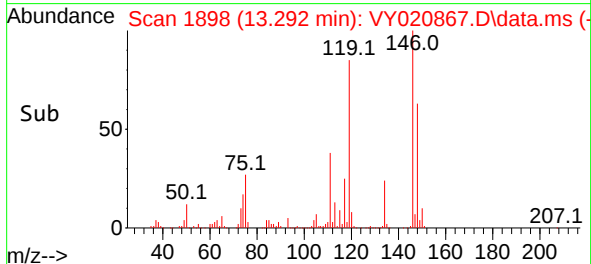
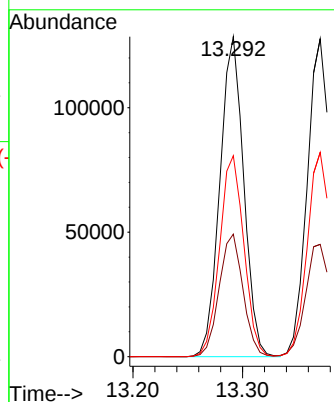
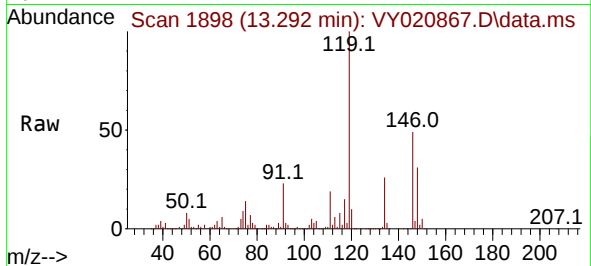




#87
1,3-Dichlorobenzene
Concen: 44.682 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

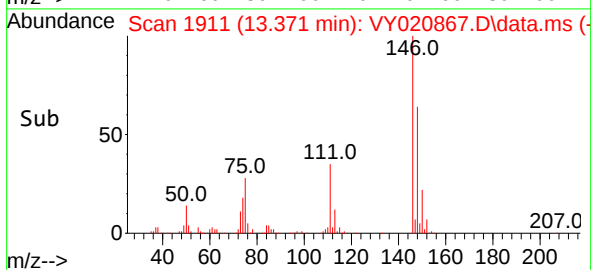
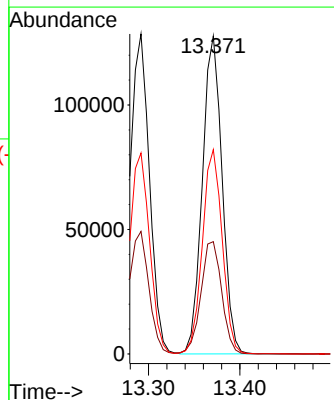
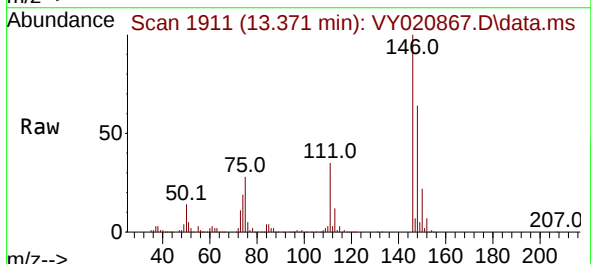
Instrument :
MSVOA_Y
ClientSampleId :

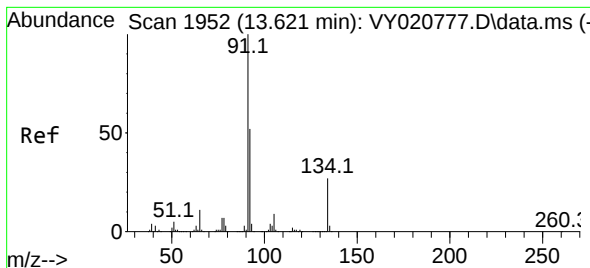
Tgt Ion:146 Resp: 194064
Ion Ratio Lower Upper
146 100
111 38.4 19.5 58.5
148 64.0 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 44.778 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY020867.D
Acq: 17 Jan 2025 19:50

Tgt Ion:146 Resp: 191438
Ion Ratio Lower Upper
146 100
111 37.1 19.1 57.3
148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 42.923 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

ClientSampleId :

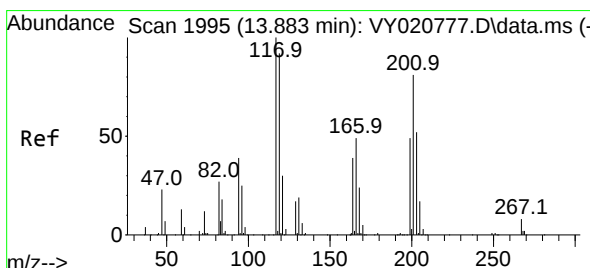
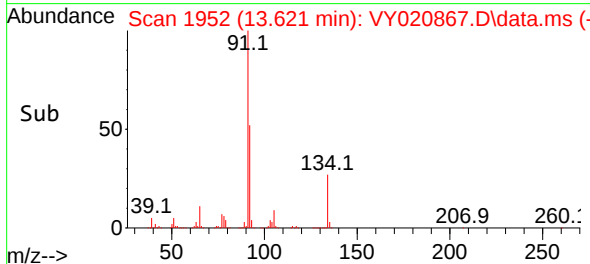
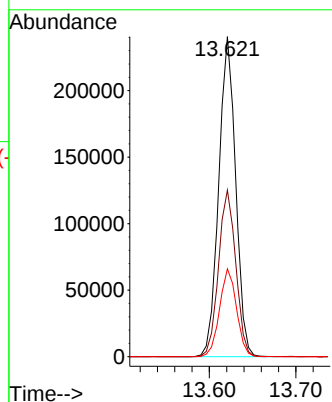
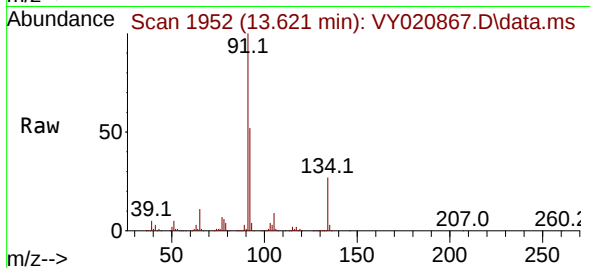
Tgt Ion: 91 Resp: 326067

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.4

134 27.5 13.8 41.4



#90

Hexachloroethane

Concen: 43.567 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020867.D

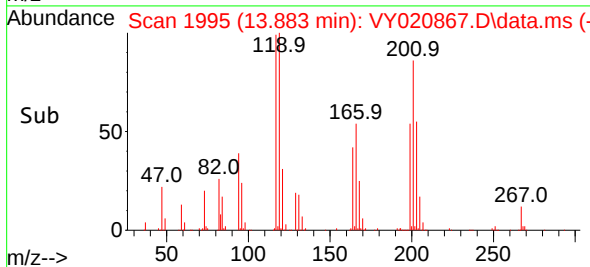
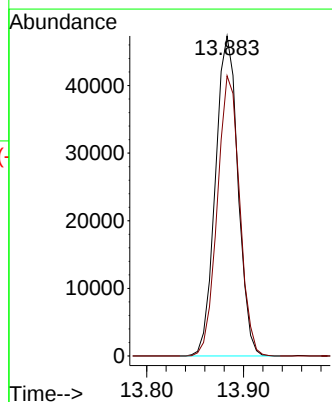
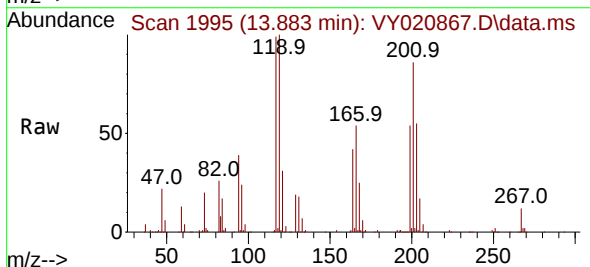
Acq: 17 Jan 2025 19:50

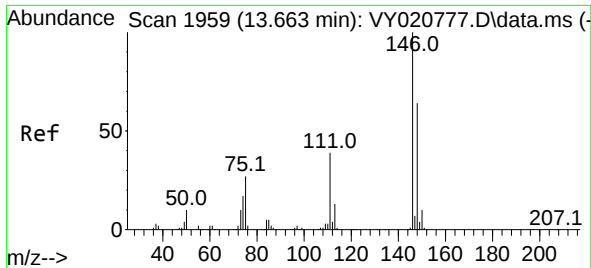
Tgt Ion: 117 Resp: 76603

Ion Ratio Lower Upper

117 100

201 86.5 42.9 128.7

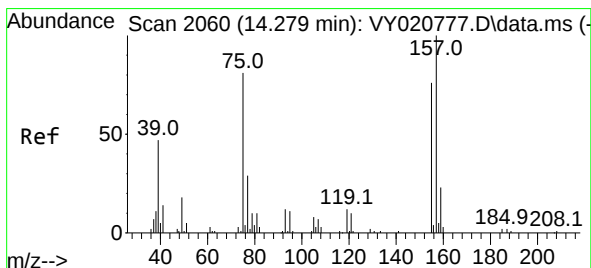
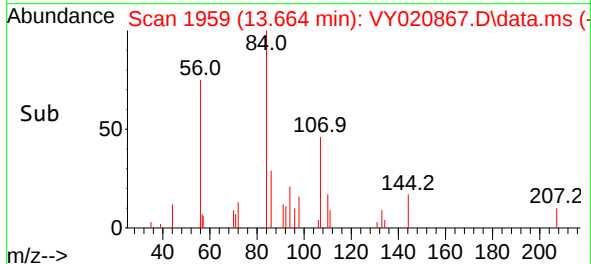
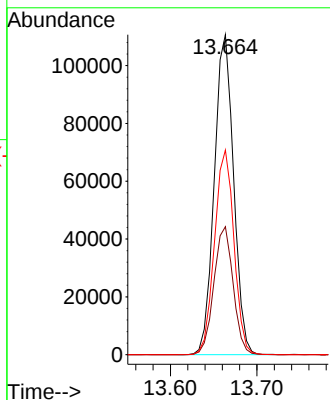
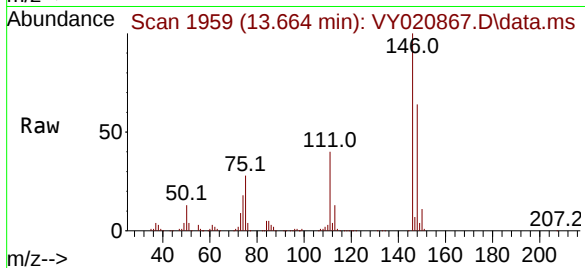




#91
 1,2-Dichlorobenzene
 Concen: 45.147 ug/l
 RT: 13.664 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY020867.D
 Acq: 17 Jan 2025 19:50

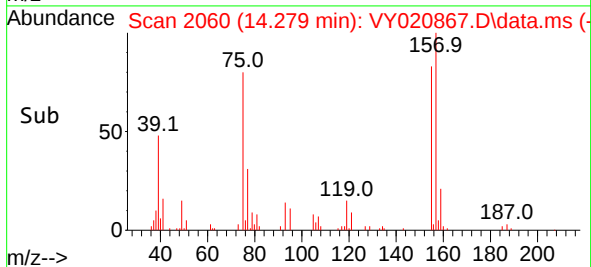
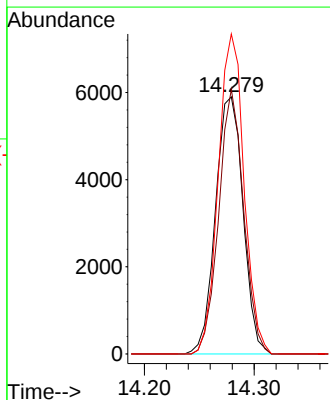
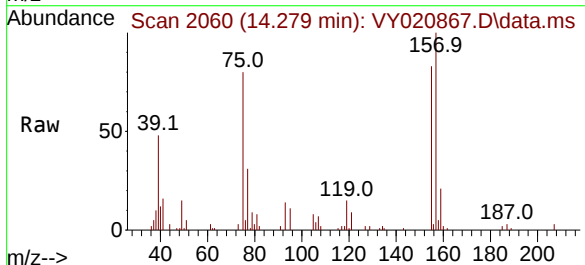
Instrument :
 MSVOA_Y
 ClientSampleId :

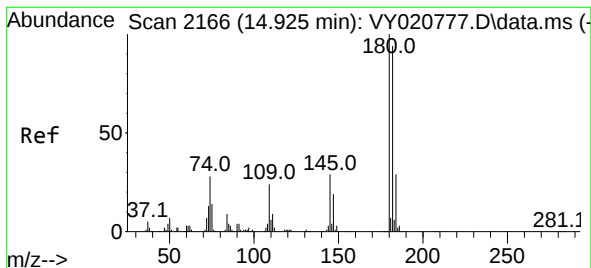
Tgt Ion:146 Resp: 171445
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.250 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY020867.D
 Acq: 17 Jan 2025 19:50

Tgt Ion: 75 Resp: 10276
 Ion Ratio Lower Upper
 75 100
 155 93.1 45.5 136.5
 157 116.6 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 47.023 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

ClientSampleId :

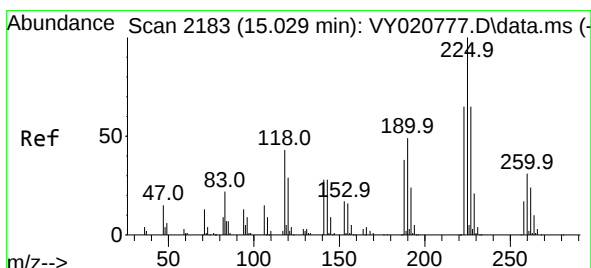
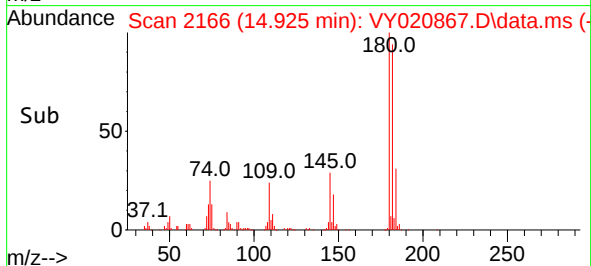
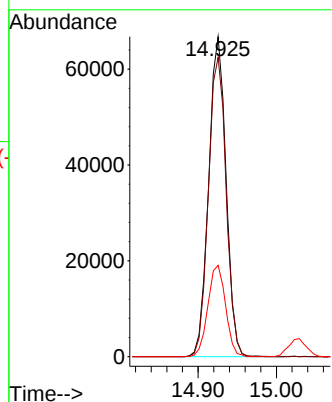
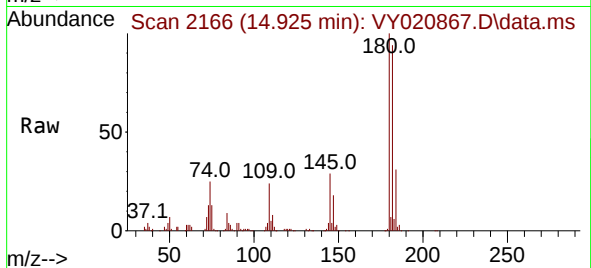
Tgt Ion:180 Resp: 102767

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.9

145 29.0 15.0 45.1



#94

Hexachlorobutadiene

Concen: 44.172 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

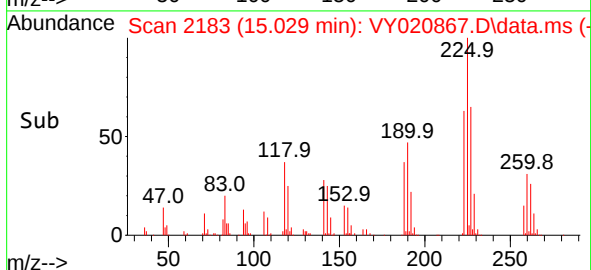
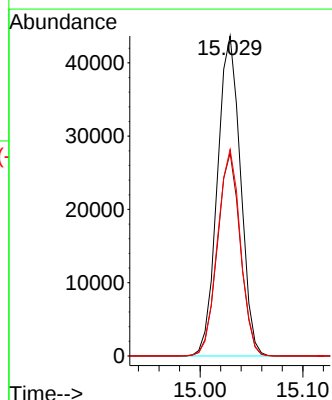
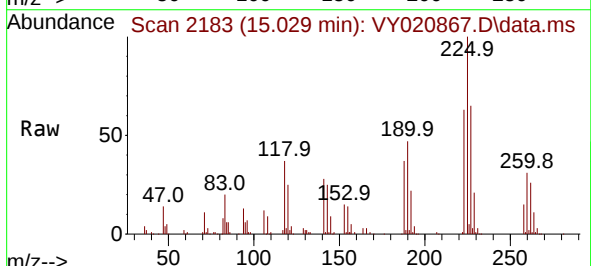
Tgt Ion:225 Resp: 68055

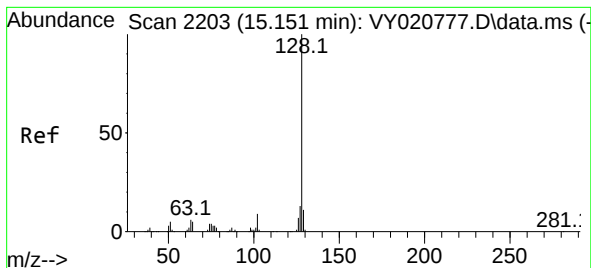
Ion Ratio Lower Upper

225 100

223 62.6 31.6 94.8

227 64.1 32.2 96.6





#95

Naphthalene

Concen: 46.468 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Instrument :

MSVOA_Y

ClientSampleId :

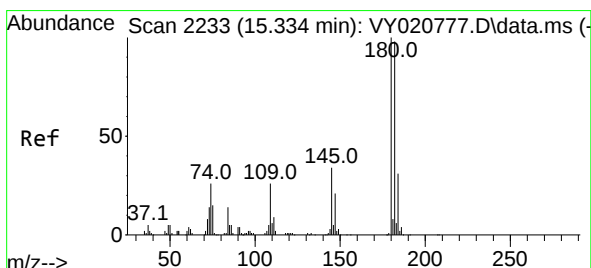
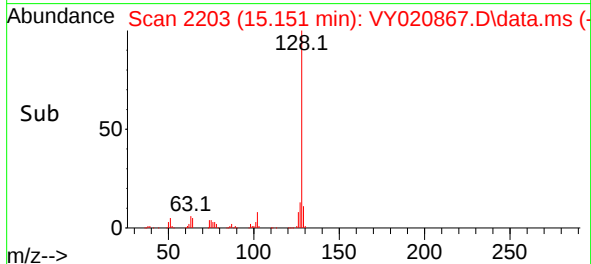
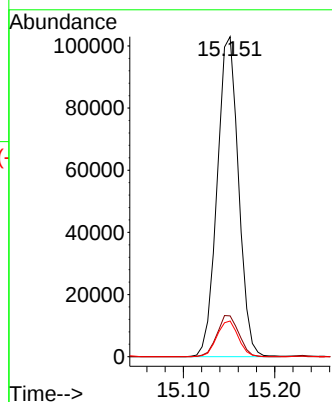
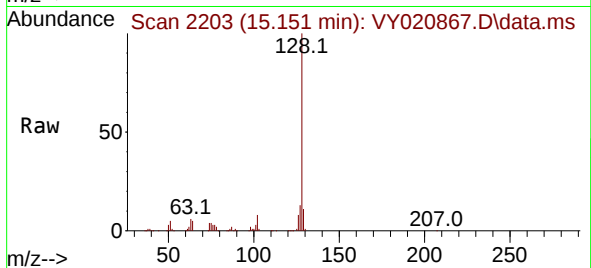
Tgt Ion:128 Resp: 167144

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.061 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020867.D

Acq: 17 Jan 2025 19:50

Tgt Ion:180 Resp: 87998

Ion Ratio Lower Upper

180 100

182 94.7 48.1 144.3

145 31.3 16.1 48.2

