

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031825\
 Data File : VY021561.D
 Acq On : 18 Mar 2025 15:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 19 01:39:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	213080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	339738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	304548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	156491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	120769	53.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.240%	
35) Dibromofluoromethane	7.634	113	116916	52.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.700%	
50) Toluene-d8	10.109	98	426754	50.471	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	12.407	95	149907	52.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	82865	42.378	ug/l	99
3) Chloromethane	2.068	50	127731	46.333	ug/l	98
4) Vinyl Chloride	2.202	62	154149	51.168	ug/l	97
5) Bromomethane	2.598	94	107958	49.582	ug/l	98
6) Chloroethane	2.738	64	113525	57.023	ug/l	98
7) Trichlorofluoromethane	3.061	101	229500	54.579	ug/l	100
8) Diethyl Ether	3.458	74	60193	51.654	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.811	101	113896	47.441	ug/l	99
10) Methyl Iodide	4.006	142	137672	56.414	ug/l	100
11) Tert butyl alcohol	4.860	59	42329	292.948	ug/l	99
12) 1,1-Dichloroethene	3.787	96	105786	48.331	ug/l	99
13) Acrolein	3.665	56	3067	26.774	ug/l #	50
14) Allyl chloride	4.384	41	181227	51.235	ug/l	99
15) Acrylonitrile	5.055	53	136529	275.226	ug/l	98
16) Acetone	3.872	43	106872	217.569	ug/l	95
17) Carbon Disulfide	4.104	76	311482	45.408	ug/l	99
18) Methyl Acetate	4.384	43	81677	74.940	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	298704	53.843	ug/l	98
20) Methylene Chloride	4.616	84	125558	48.695	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	120639	49.215	ug/l	97
22) Diisopropyl ether	6.018	45	402076	52.745	ug/l	96
23) Vinyl Acetate	5.957	43	1103657	253.686	ug/l	99
24) 1,1-Dichloroethane	5.915	63	230987	51.341	ug/l	99
25) 2-Butanone	6.890	43	171156	251.889	ug/l	97
26) 2,2-Dichloropropane	6.884	77	198546	47.962	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	144937	52.047	ug/l	98
28) Bromochloromethane	7.244	49	99435	52.717	ug/l	99
29) Tetrahydrofuran	7.262	42	114546	273.064	ug/l	99
30) Chloroform	7.420	83	243013	52.017	ug/l	98
31) Cyclohexane	7.701	56	185665	44.018	ug/l	98
32) 1,1,1-Trichloroethane	7.615	97	214573	50.161	ug/l	99
36) 1,1-Dichloropropene	7.835	75	165093	47.229	ug/l	98
37) Ethyl Acetate	6.981	43	78139	50.575	ug/l	100
38) Carbon Tetrachloride	7.817	117	191481	47.630	ug/l	99
39) Methylcyclohexane	9.109	83	194622	45.390	ug/l	98
40) Benzene	8.079	78	509766	49.505	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	43352	51.533	ug/l #	95
42) 1,2-Dichloroethane	8.158	62	146579	50.883	ug/l	100
43) Isopropyl Acetate	8.195	43	153580	51.206	ug/l #	89
44) Trichloroethene	8.865	130	128644	49.439	ug/l	97
45) 1,2-Dichloropropane	9.140	63	124374	50.750	ug/l	98
46) Dibromomethane	9.231	93	69619	51.055	ug/l	98
47) Bromodichloromethane	9.420	83	189056	52.206	ug/l	98
48) Methyl methacrylate	9.219	41	73176	53.133	ug/l	97
49) 1,4-Dioxane	9.225	88	15649	1169.204	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	422581	273.072	ug/l	100
52) Toluene	10.170	92	322386	49.659	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	166849	52.296	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	194081	51.237	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	92118	51.643	ug/l	97
56) Ethyl methacrylate	10.438	69	125059	54.973	ug/l	99
57) 1,3-Dichloropropane	10.719	76	161466	52.228	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	305145	290.572	ug/l	99
59) 2-Hexanone	10.761	43	277841	271.528	ug/l	99
60) Dibromochloromethane	10.914	129	130002	53.162	ug/l	98
61) 1,2-Dibromoethane	11.017	107	88082	52.321	ug/l	98
64) Tetrachloroethene	10.645	164	132962	53.690	ug/l	99
65) Chlorobenzene	11.444	112	354654	49.314	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	130109	51.171	ug/l	99
67) Ethyl Benzene	11.517	91	624990	49.512	ug/l	100
68) m/p-Xylenes	11.627	106	476699	99.471	ug/l	99
69) o-Xylene	11.956	106	225794	51.122	ug/l	99
70) Styrene	11.968	104	379464	51.788	ug/l	100
71) Bromoform	12.133	173	75031	52.788	ug/l #	99
73) Isopropylbenzene	12.255	105	593563	48.151	ug/l	99
74) N-amyl acetate	12.072	43	133132	49.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	105387	48.446	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	140968	89.394	ug/l #	100
77) Bromobenzene	12.535	156	141227	48.970	ug/l	98
78) n-propylbenzene	12.596	91	716420	47.854	ug/l	100
79) 2-Chlorotoluene	12.682	91	411740	48.098	ug/l	100
80) 1,3,5-Trimethylbenzene	12.736	105	487711	48.684	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	32683	47.116	ug/l	98
82) 4-Chlorotoluene	12.779	91	431658	48.695	ug/l	99
83) tert-Butylbenzene	12.999	119	433609	48.519	ug/l	99
84) 1,2,4-Trimethylbenzene	13.047	105	492370	49.502	ug/l	100
85) sec-Butylbenzene	13.175	105	635269	47.776	ug/l	100
86) p-Isopropyltoluene	13.291	119	533716	48.721	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	278596	48.530	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	272727	48.578	ug/l	100
89) n-Butylbenzene	13.620	91	493433	48.780	ug/l	100
90) Hexachloroethane	13.883	117	112043	47.944	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	243298	49.449	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	16722	51.317	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	137855	51.296	ug/l	97
94) Hexachlorobutadiene	15.029	225	83814	49.753	ug/l	99
95) Naphthalene	15.145	128	244058	53.290	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	118266	52.324	ug/l	98

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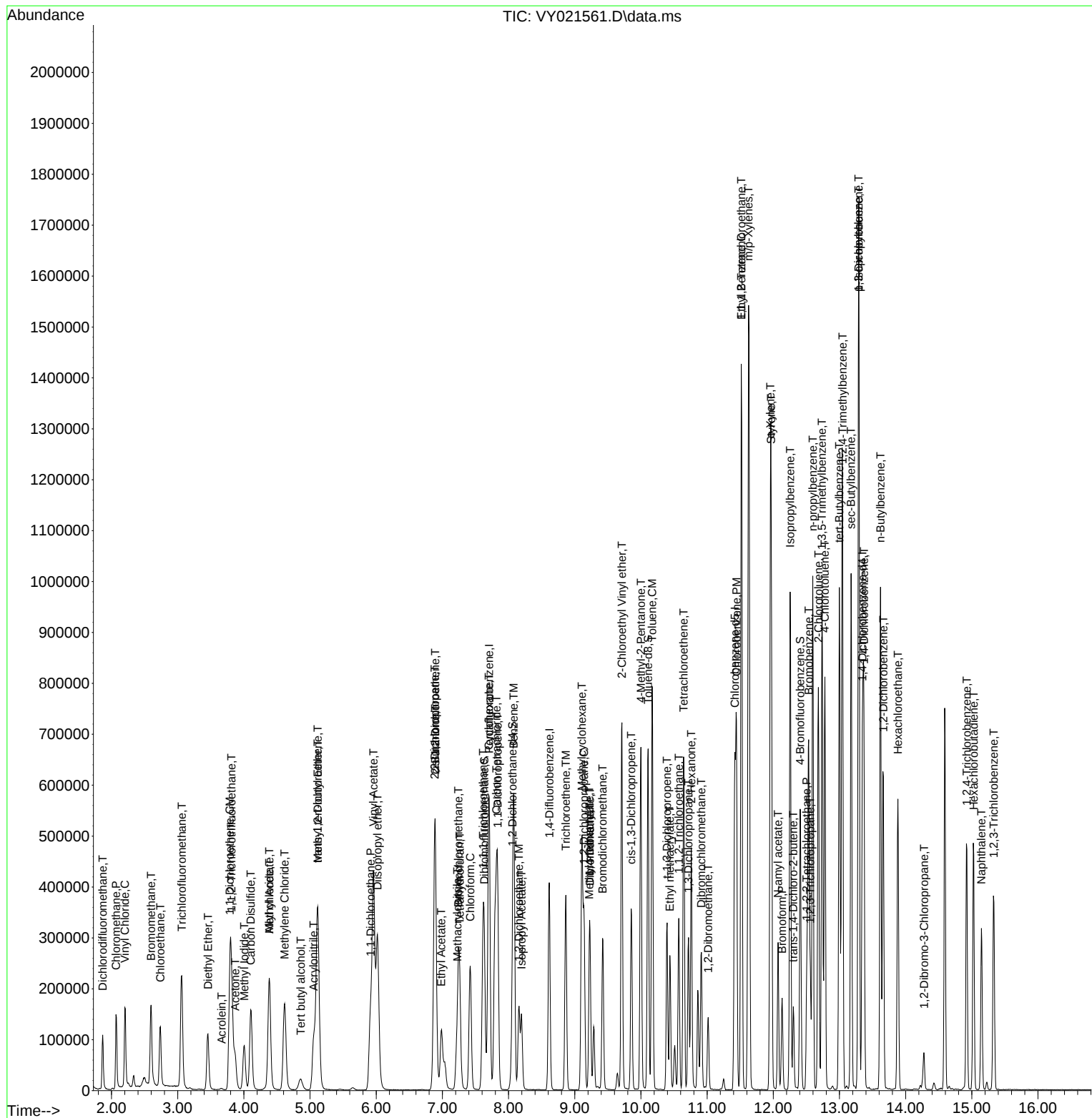
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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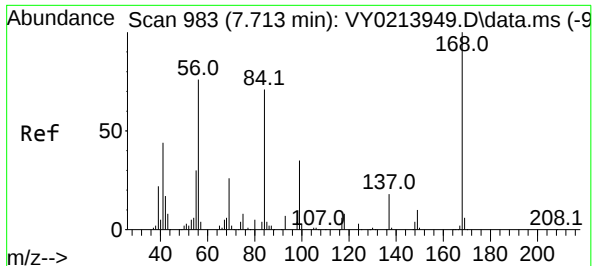
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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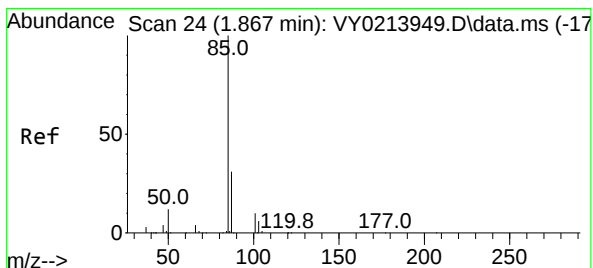
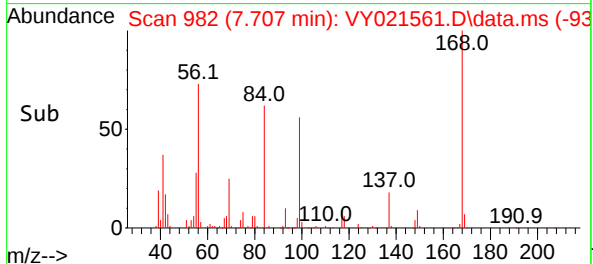
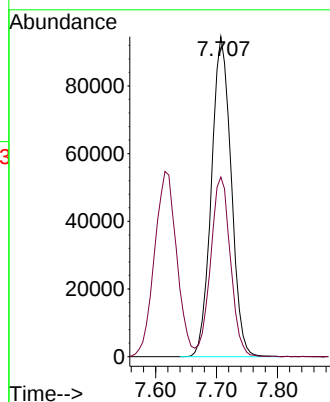
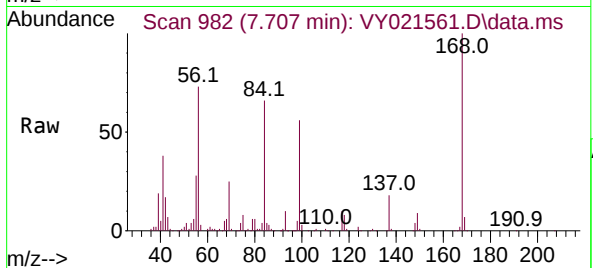




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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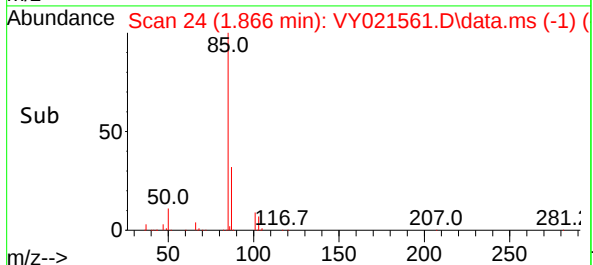
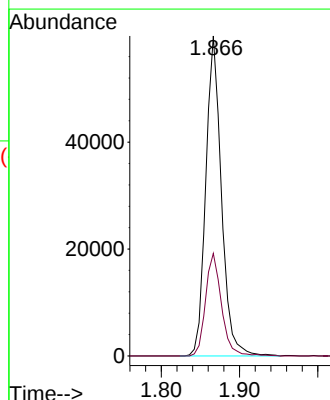
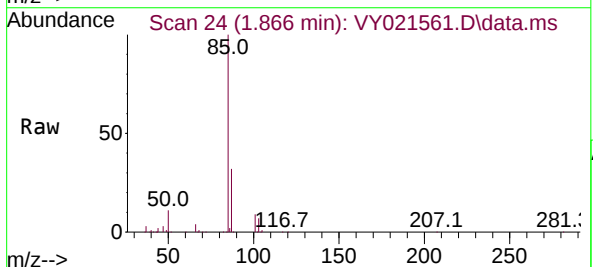
Instrument :
MSVOA_Y
ClientSampleId :

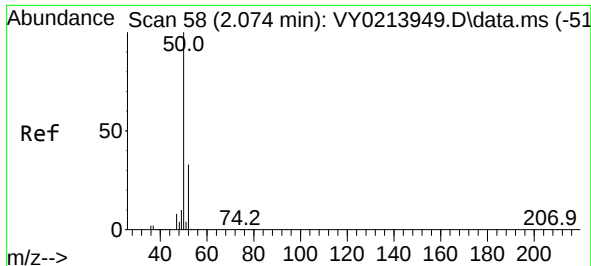
Tgt Ion:168 Resp: 213080
Ion Ratio Lower Upper
168 100
99 56.2 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 42.378 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 85 Resp: 82865
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0

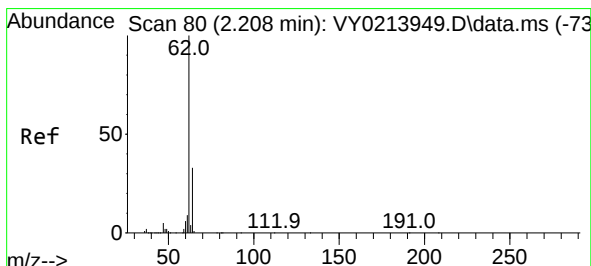
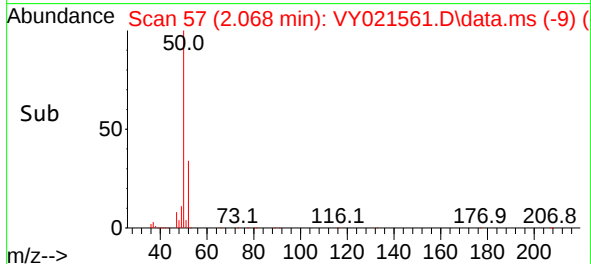
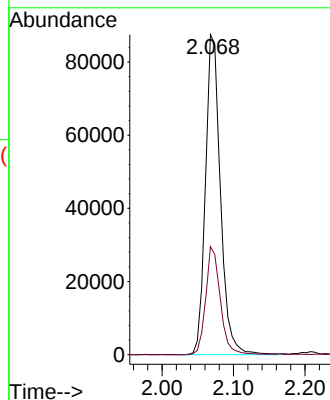
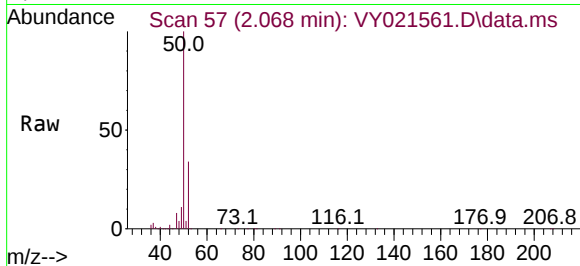




#3
Chloromethane
Concen: 46.333 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

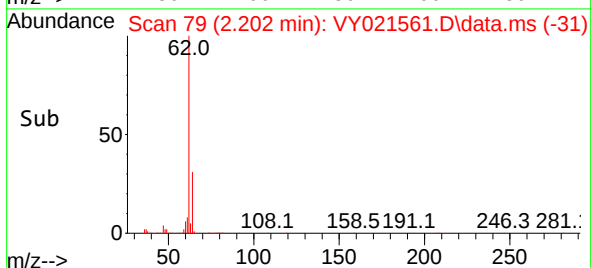
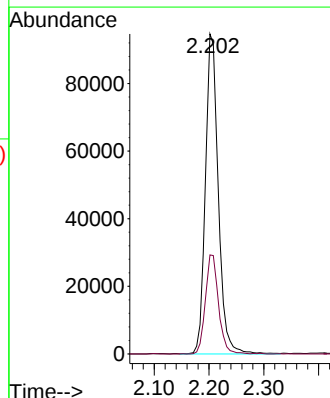
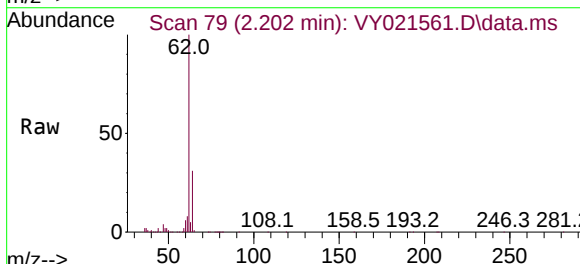
Instrument :
MSVOA_Y
ClientSampleId :

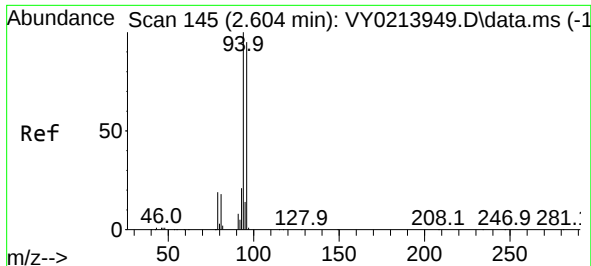
Tgt Ion: 50 Resp: 127731
Ion Ratio Lower Upper
50 100
52 33.8 26.2 39.2



#4
Vinyl Chloride
Concen: 51.168 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 62 Resp: 154149
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2

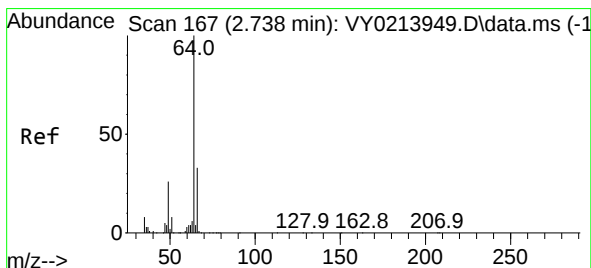
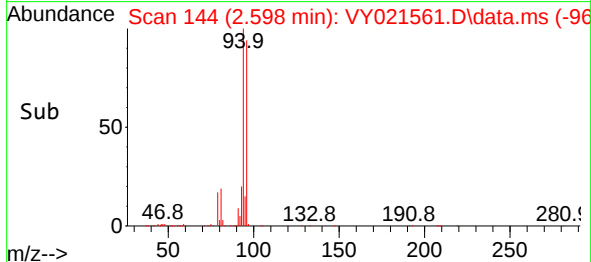
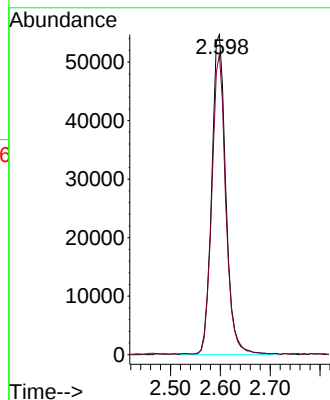
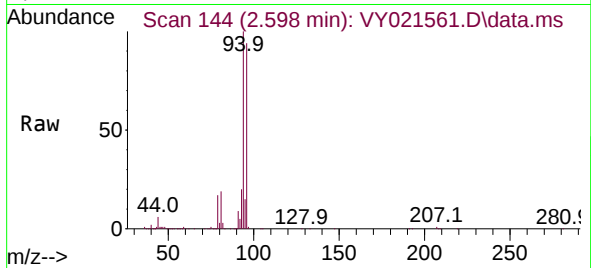




#5
Bromomethane
Concen: 49.582 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021561.D
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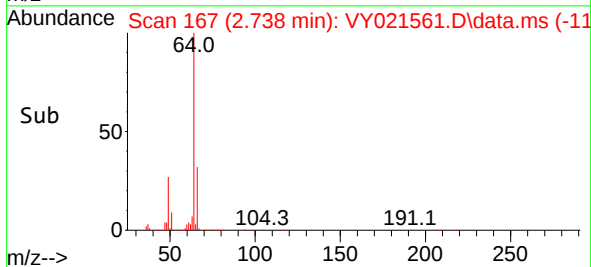
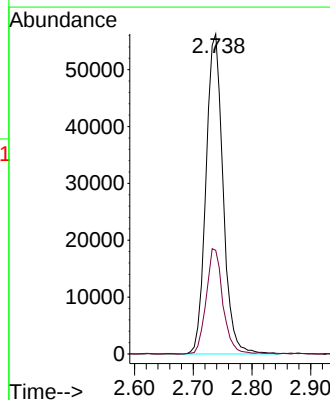
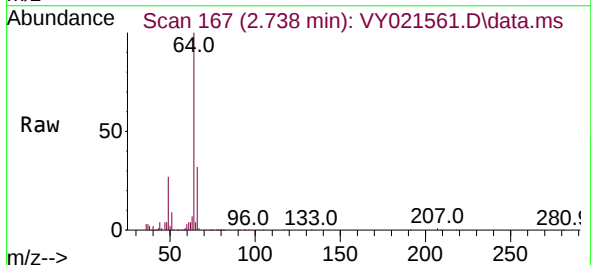
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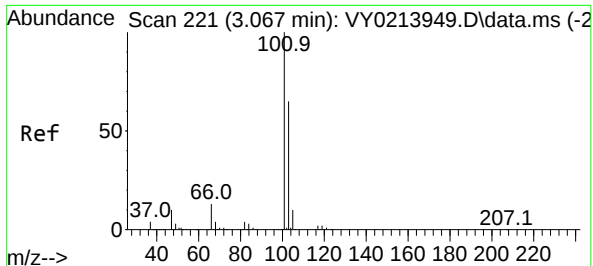
Tgt Ion: 94 Resp: 107958
Ion Ratio Lower Upper
94 100
96 93.8 76.3 114.5



#6
Chloroethane
Concen: 57.023 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 64 Resp: 113525
Ion Ratio Lower Upper
64 100
66 32.4 26.7 40.1

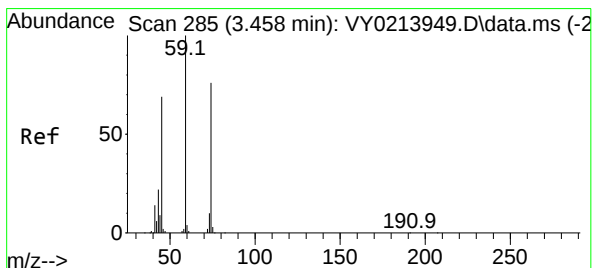
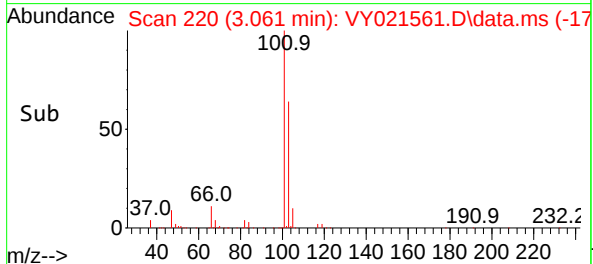
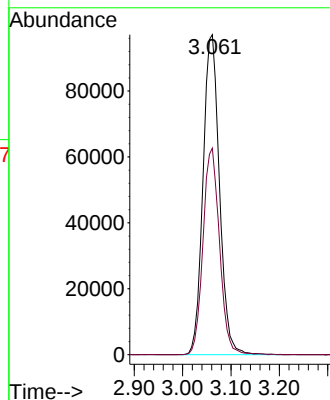
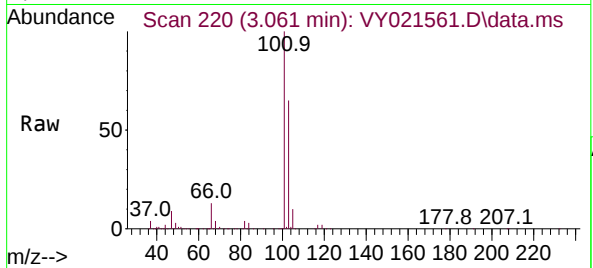




#7
 Trichlorofluoromethane
 Concen: 54.579 ug/l
 RT: 3.061 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

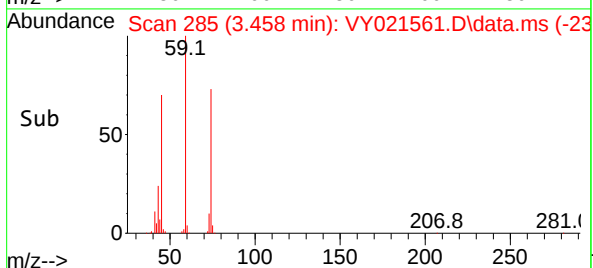
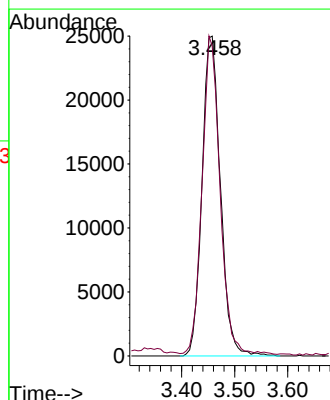
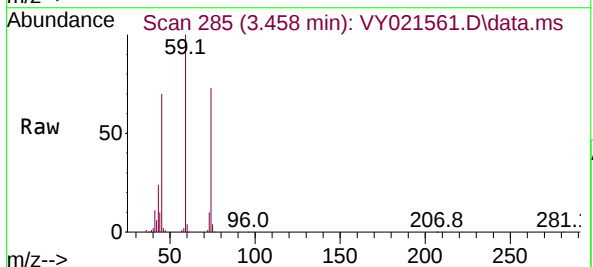
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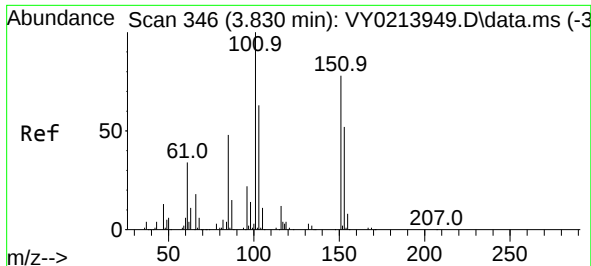
Tgt Ion:101 Resp: 229500
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.7 77.5



#8
 Diethyl Ether
 Concen: 51.654 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

Tgt Ion: 74 Resp: 60193
 Ion Ratio Lower Upper
 74 100
 45 95.6 49.7 149.1

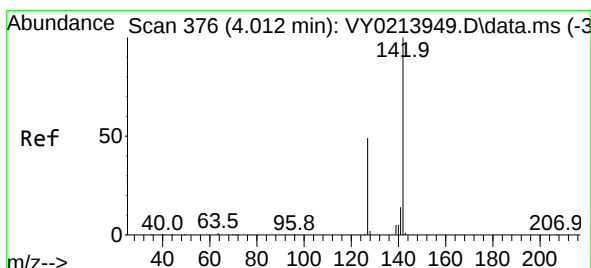
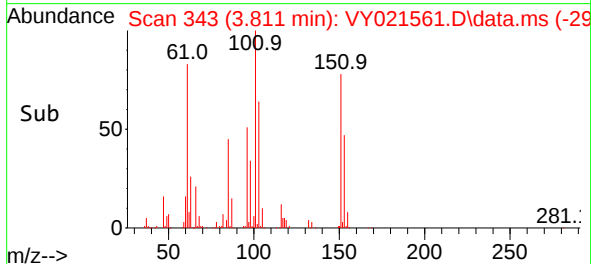
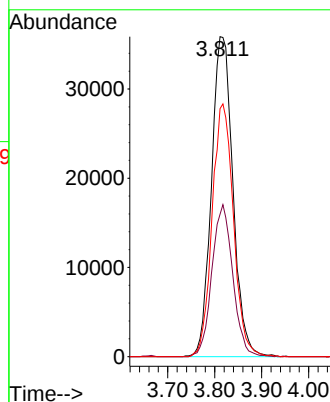
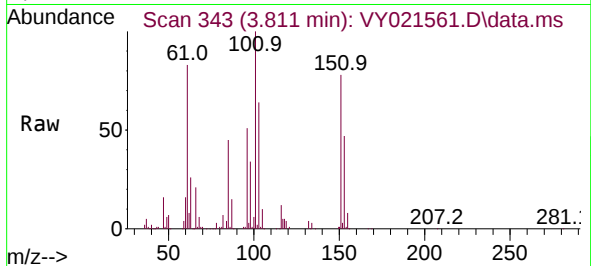




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.441 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.019 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

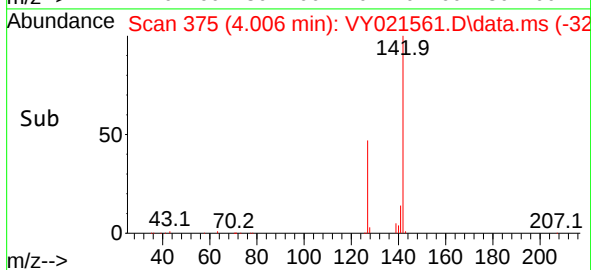
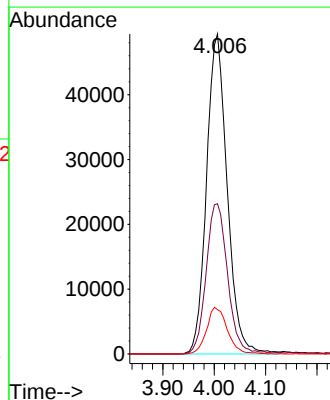
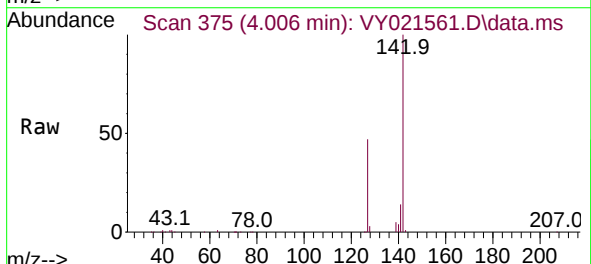
Instrument :
MSVOA_Y
ClientSampleId :

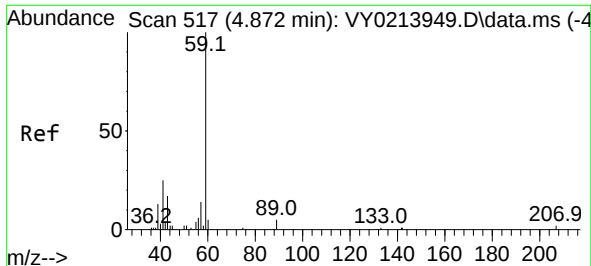
Tgt Ion:101 Resp: 113896
Ion Ratio Lower Upper
101 100
85 46.1 37.1 55.7
151 78.5 62.1 93.1



#10
Methyl Iodide
Concen: 56.414 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion:142 Resp: 137672
Ion Ratio Lower Upper
142 100
127 48.7 39.1 58.7
141 14.6 11.8 17.6





#11

Tert butyl alcohol

Concen: 292.948 ug/l

RT: 4.860 min Scan# 517

Delta R.T. -0.012 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

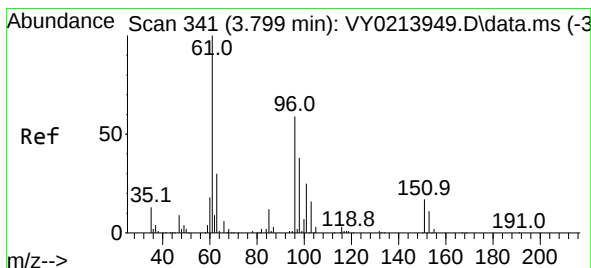
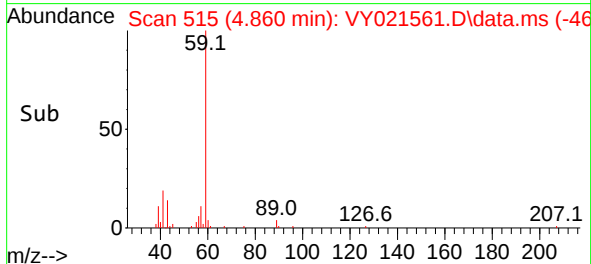
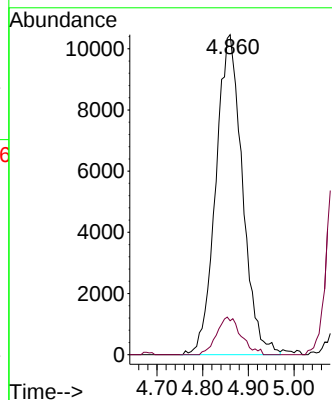
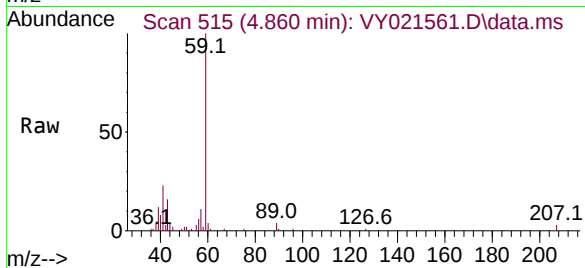
ClientSampleId :

Tgt Ion: 59 Resp: 42329

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.4



#12

1,1-Dichloroethene

Concen: 48.331 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

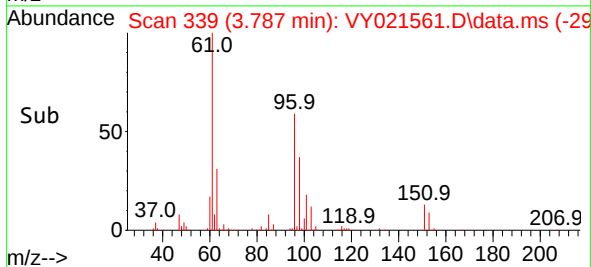
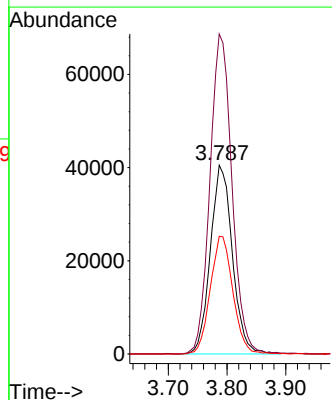
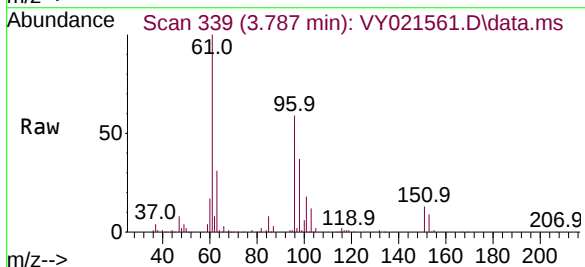
Tgt Ion: 96 Resp: 105786

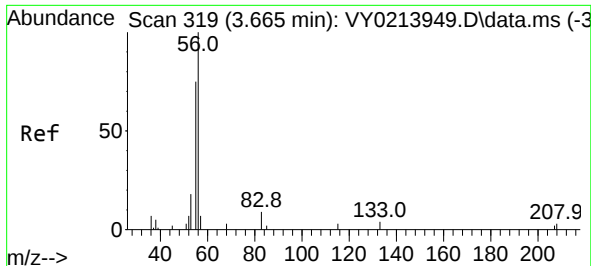
Ion Ratio Lower Upper

96 100

61 169.5 135.2 202.8

98 62.3 51.4 77.2

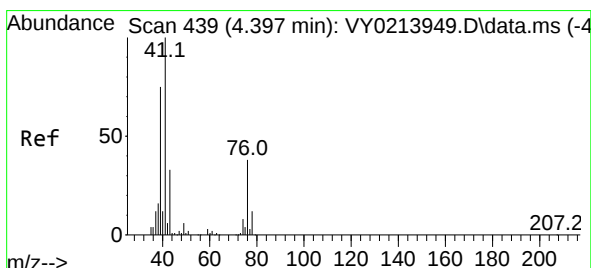
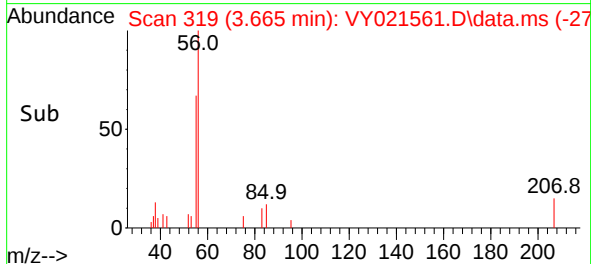
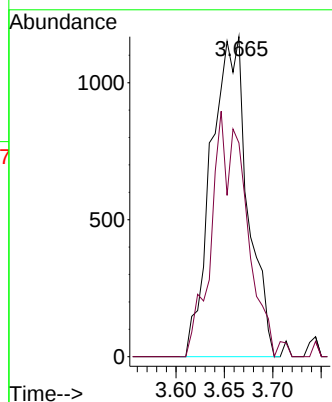
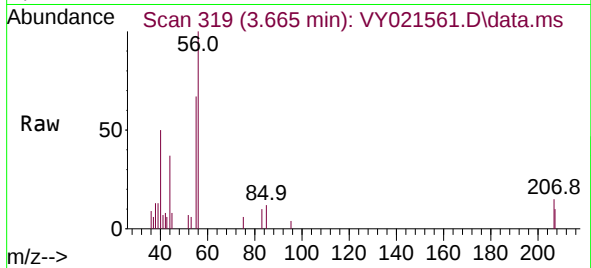




#13
Acrolein
Concen: 26.774 ug/l
RT: 3.665 min Scan# 319
Delta R.T. -0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

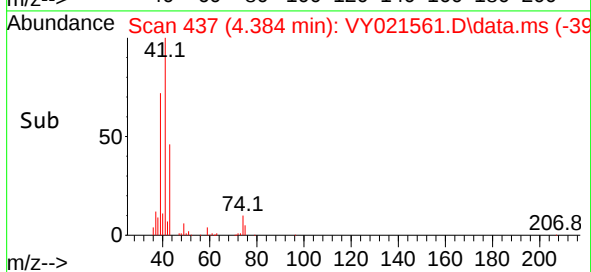
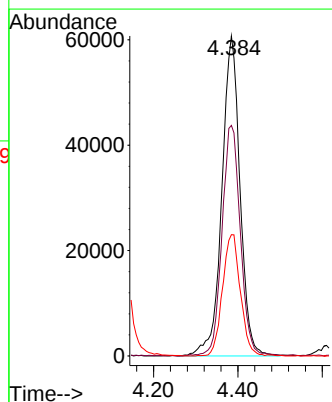
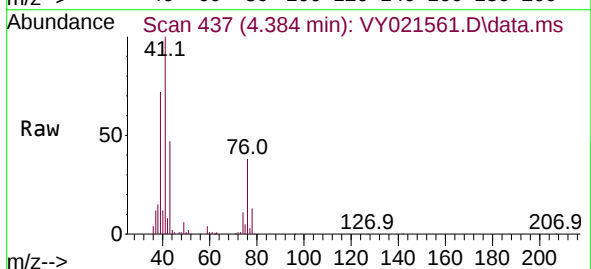
Instrument :
MSVOA_Y
ClientSampleId :

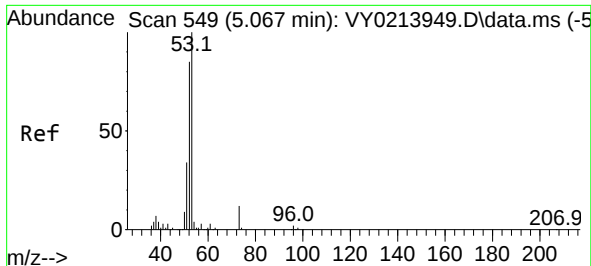
Tgt Ion: 56 Resp: 3067
Ion Ratio Lower Upper
56 100
55 35.3 63.4 95.2#



#14
Allyl chloride
Concen: 51.235 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

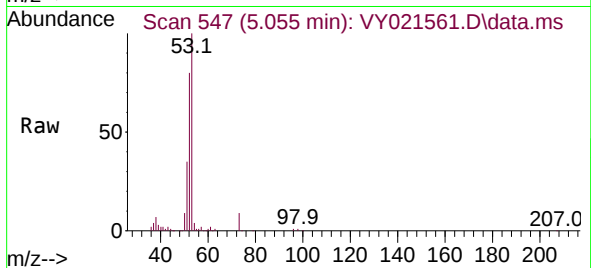
Tgt Ion: 41 Resp: 181227
Ion Ratio Lower Upper
41 100
39 72.8 59.3 88.9
76 37.2 29.8 44.8



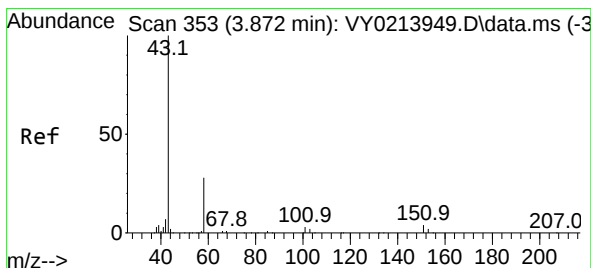
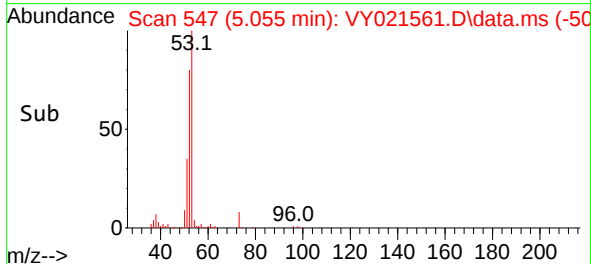
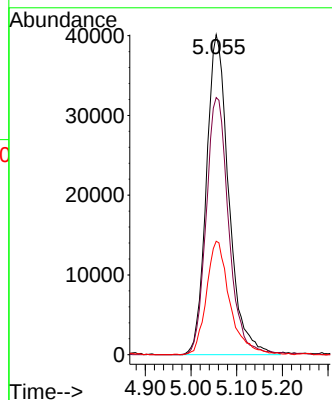


#15
Acrylonitrile
Concen: 275.226 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :

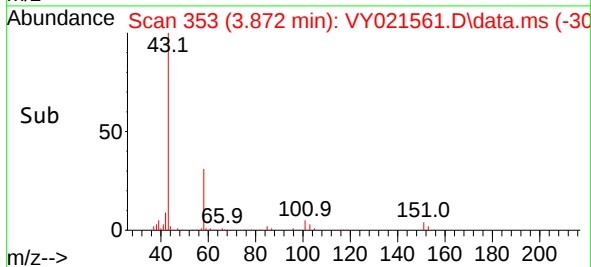
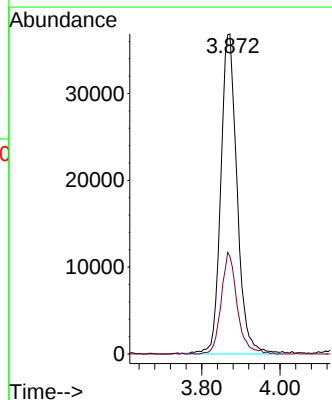
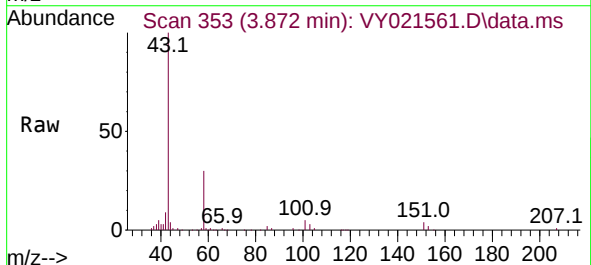


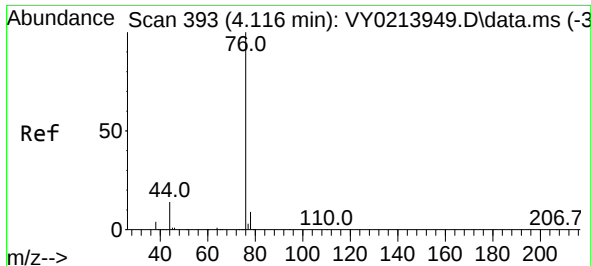
Tgt Ion: 53 Resp: 136529
Ion Ratio Lower Upper
53 100
52 81.1 66.3 99.5
51 37.2 30.3 45.5



#16
Acetone
Concen: 217.569 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 43 Resp: 106872
Ion Ratio Lower Upper
43 100
58 30.4 22.1 33.1

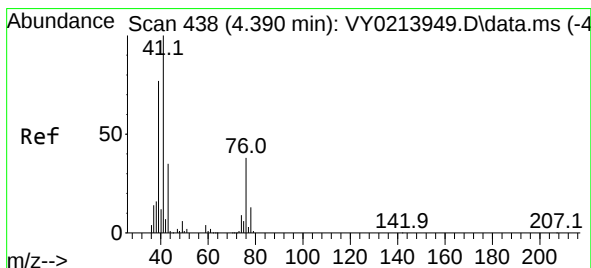
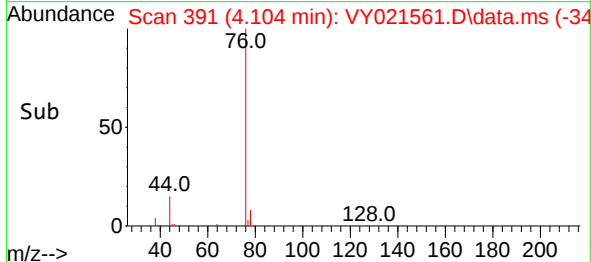
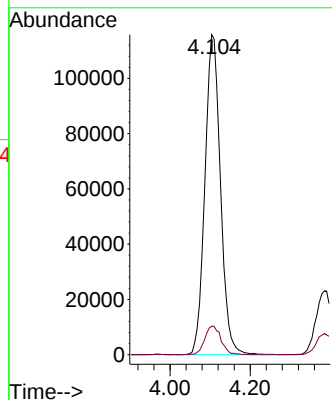
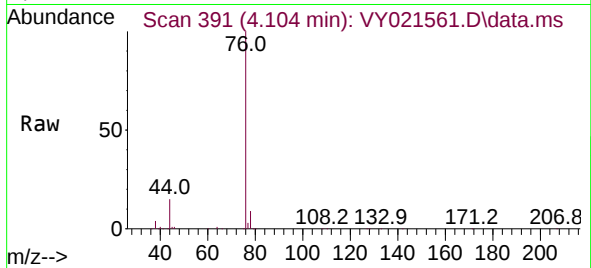




#17
Carbon Disulfide
Concen: 45.408 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

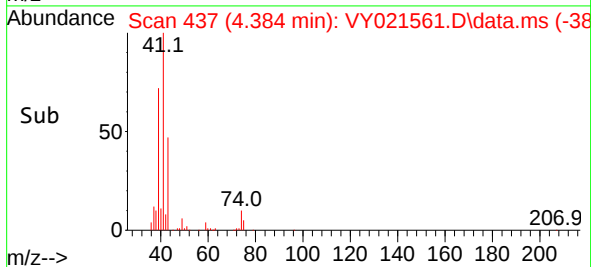
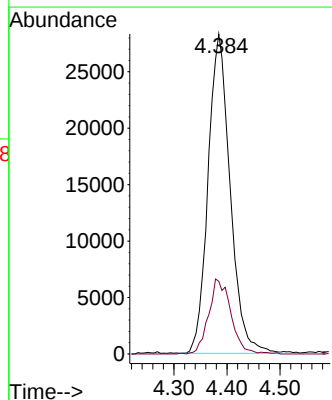
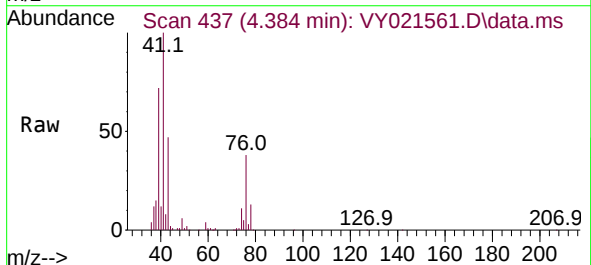
Instrument :
MSVOA_Y
ClientSampleId :

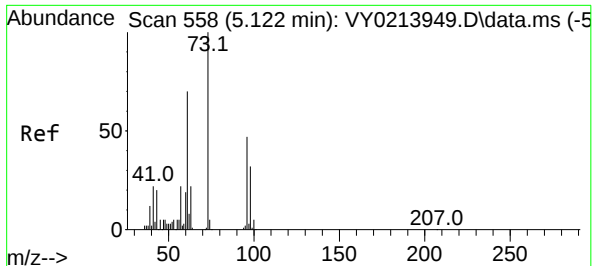
Tgt Ion: 76 Resp: 311482
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 74.940 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 43 Resp: 81677
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 53.843 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

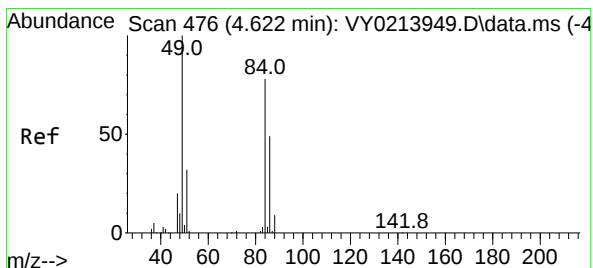
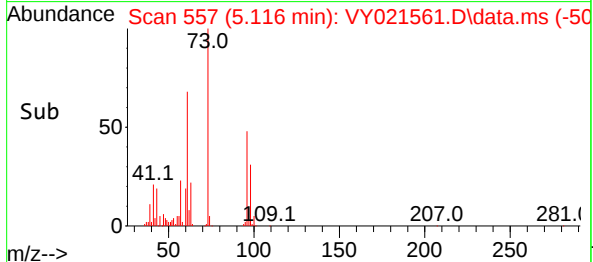
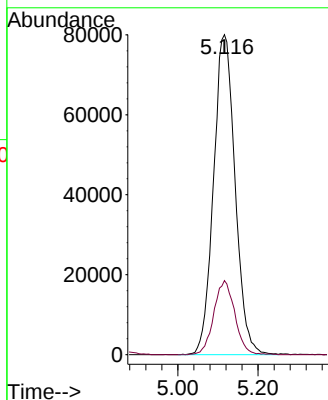
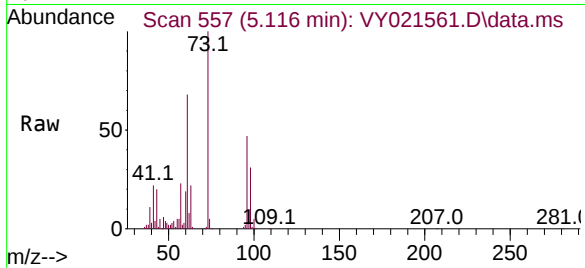
ClientSampleId :

Tgt Ion: 73 Resp: 298704

Ion Ratio Lower Upper

73 100

57 23.2 17.9 26.9



#20

Methylene Chloride

Concen: 48.695 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Tgt Ion: 84 Resp: 125558

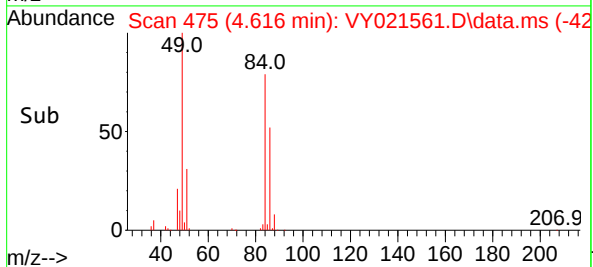
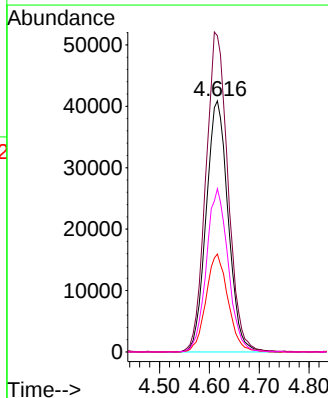
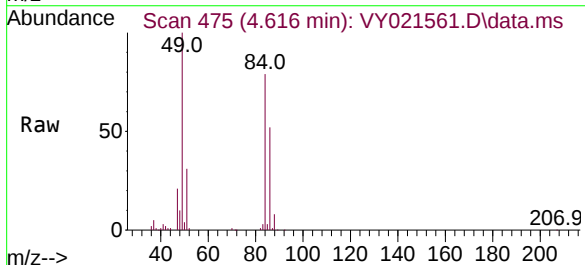
Ion Ratio Lower Upper

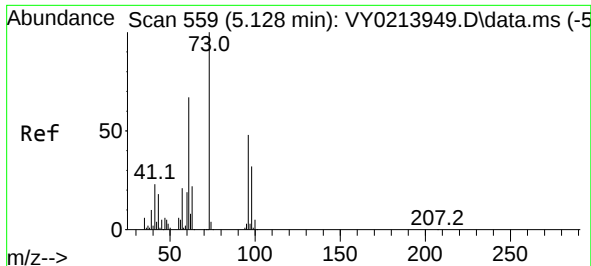
84 100

49 125.7 102.0 153.0

51 39.0 33.0 49.6

86 65.0 50.5 75.7

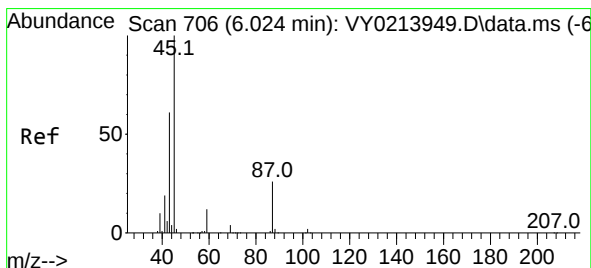
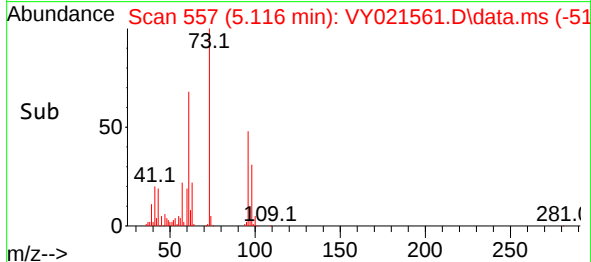
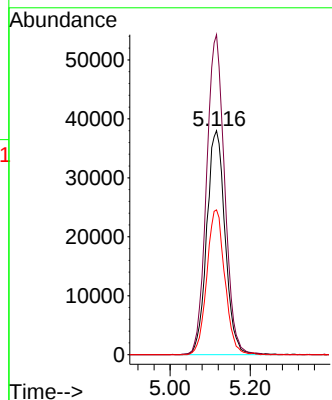
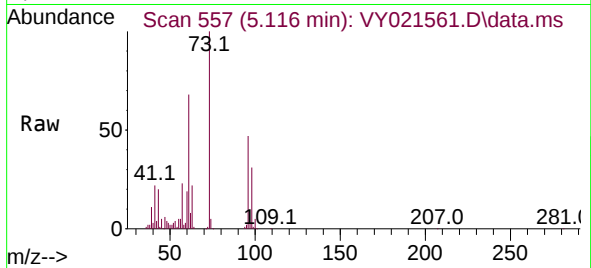




#21
trans-1,2-Dichloroethene
Concen: 49.215 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

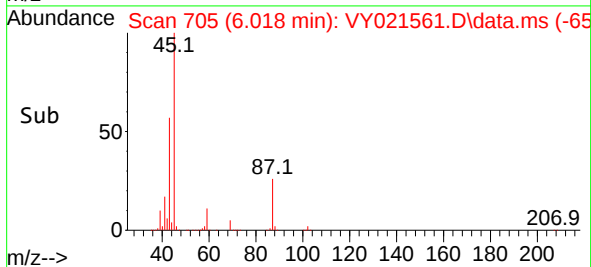
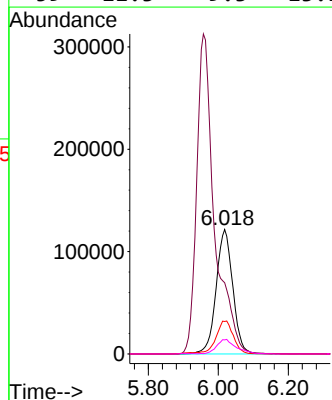
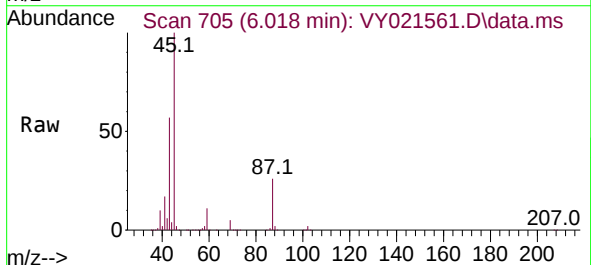
Instrument :
MSVOA_Y
ClientSampleId :

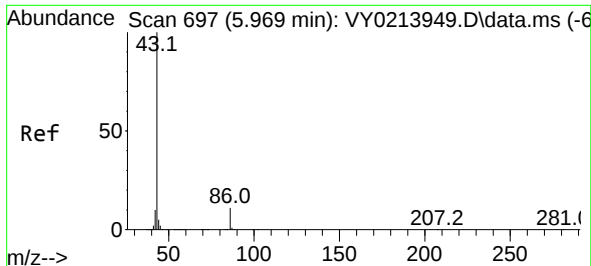
Tgt Ion: 96 Resp: 120639
Ion Ratio Lower Upper
96 100
61 142.8 111.5 167.3
98 64.6 53.8 80.8



#22
Diisopropyl ether
Concen: 52.745 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 45 Resp: 402076
Ion Ratio Lower Upper
45 100
43 56.9 48.7 73.1
87 26.0 21.5 32.3
59 11.3 9.3 13.9

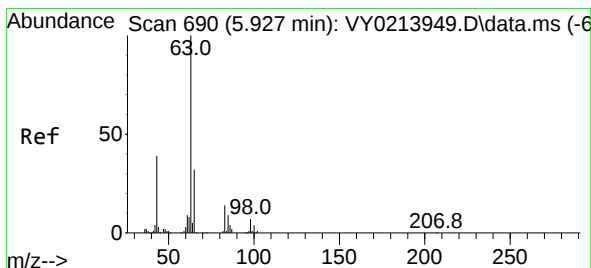
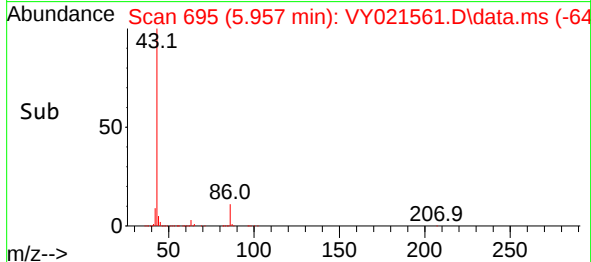
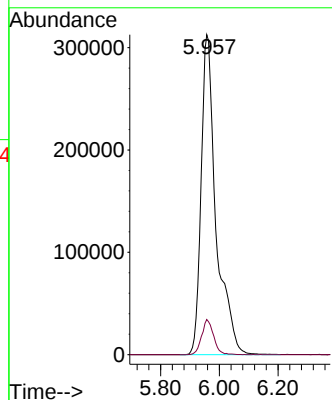
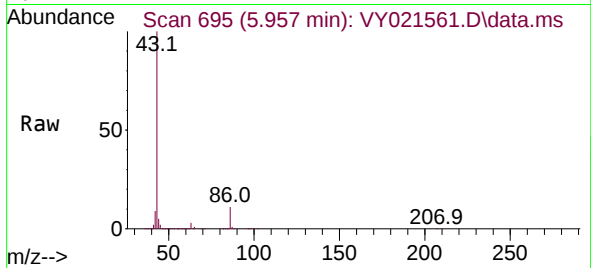




#23
 Vinyl Acetate
 Concen: 253.686 ug/l
 RT: 5.957 min Scan# 697
 Delta R.T. -0.012 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

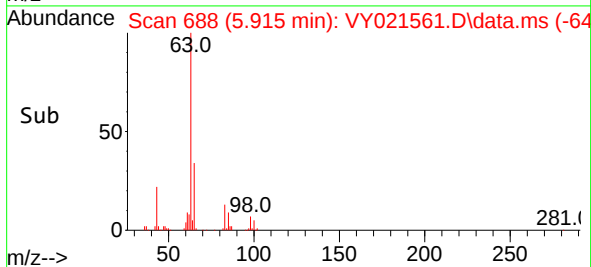
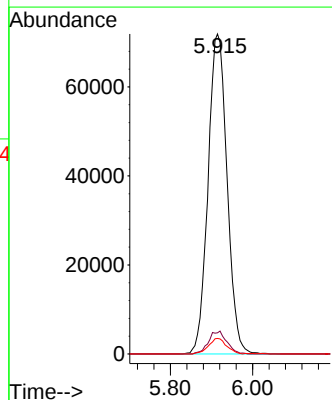
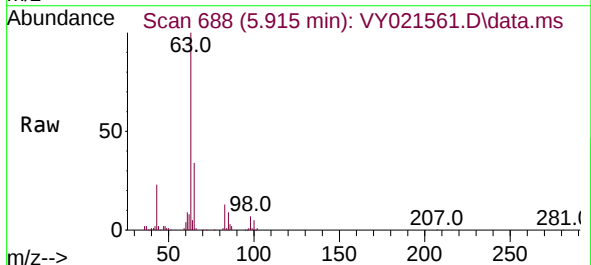
Instrument :
 MSVOA_Y
 ClientSampleId :

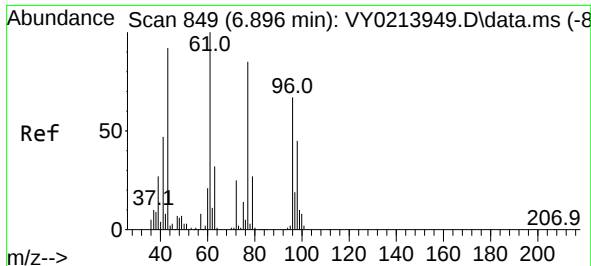
Tgt Ion: 43 Resp: 1103657
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 51.341 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

Tgt Ion: 63 Resp: 230987
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.8 2.1 6.5

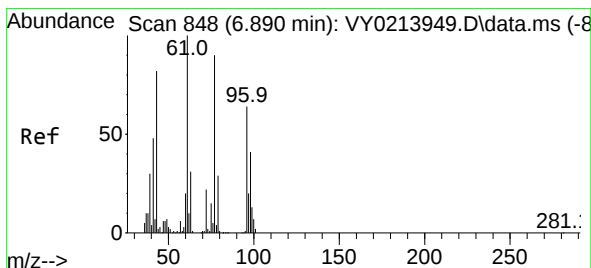
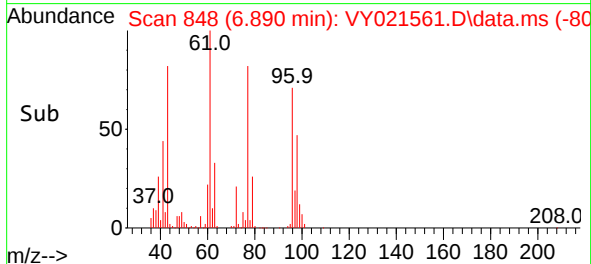
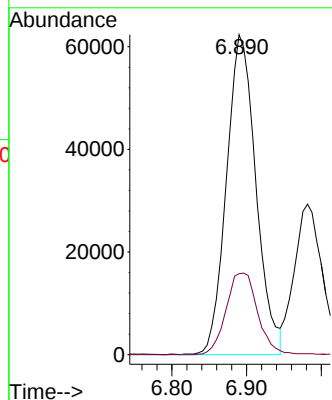
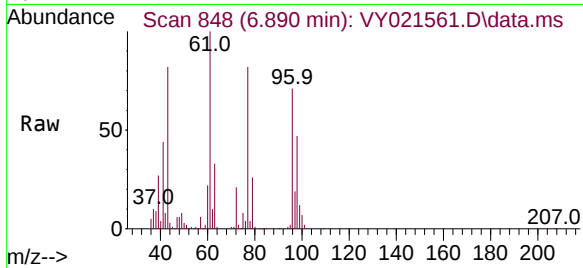




#25
2-Butanone
Concen: 251.889 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

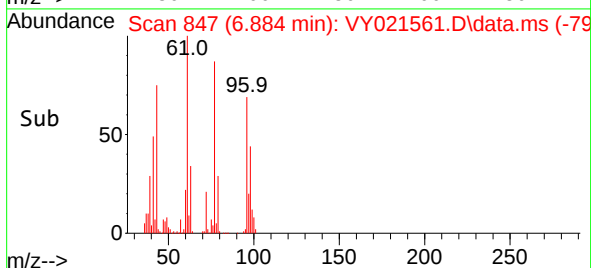
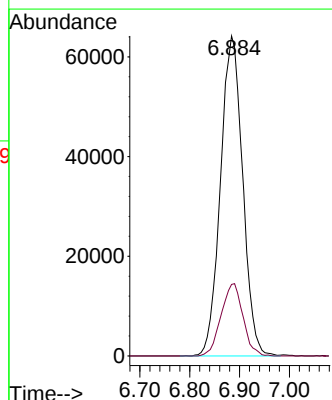
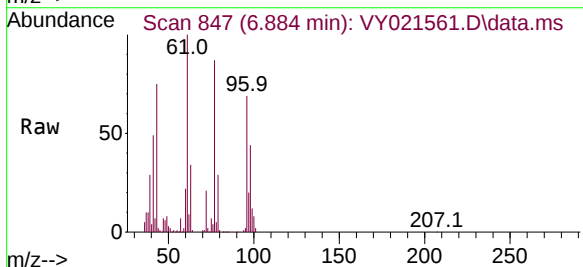
Instrument :
MSVOA_Y
ClientSampleId :

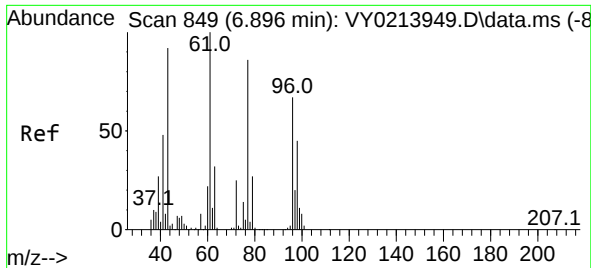
Tgt Ion: 43 Resp: 171156
Ion Ratio Lower Upper
43 100
72 25.3 21.4 32.0



#26
2,2-Dichloropropane
Concen: 47.962 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 77 Resp: 198546
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8

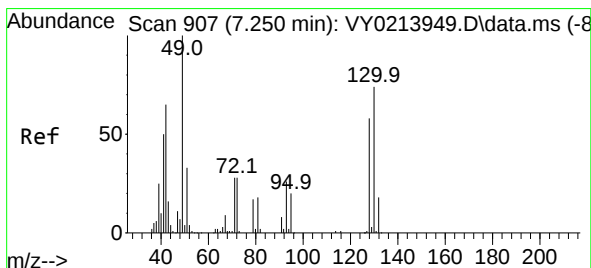
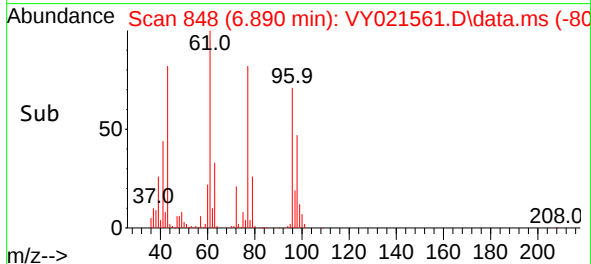
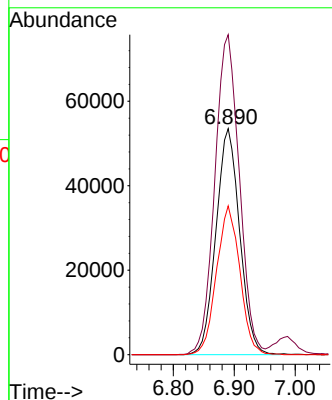
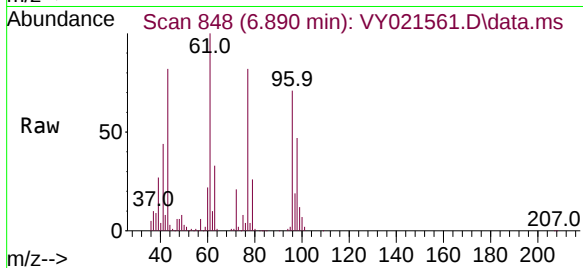




#27
 cis-1,2-Dichloroethene
 Concen: 52.047 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

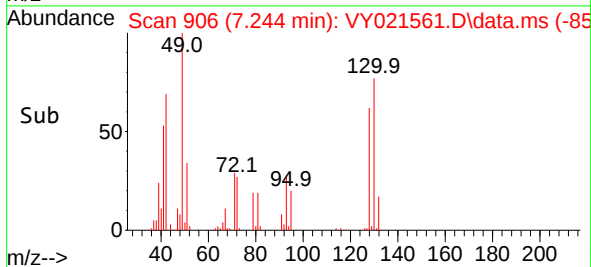
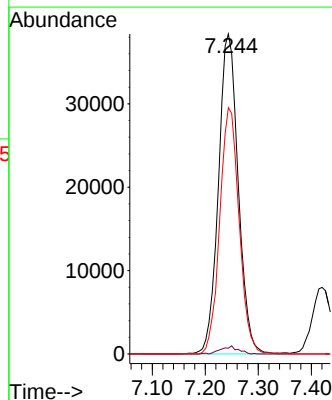
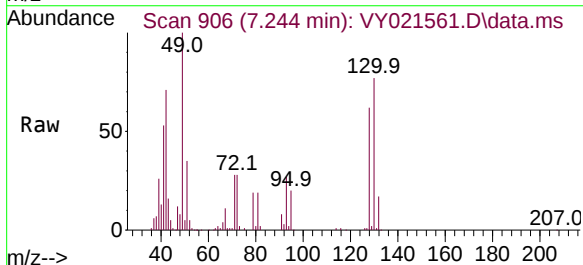
Instrument :
 MSVOA_Y
 ClientSampleId :

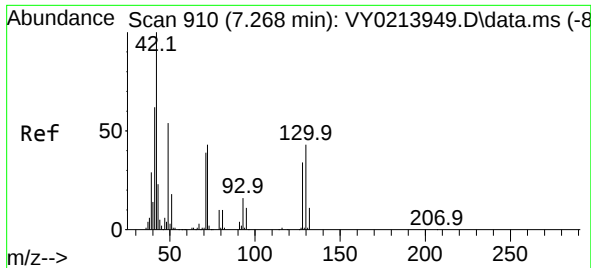
Tgt Ion: 96 Resp: 144937
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 300.8
 98 64.8 0.0 130.0



#28
 Bromochloromethane
 Concen: 52.717 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

Tgt Ion: 49 Resp: 99435
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 75.2 59.6 89.4

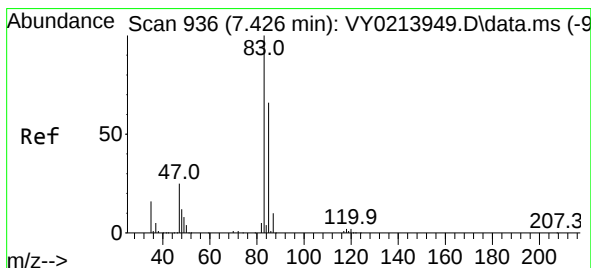
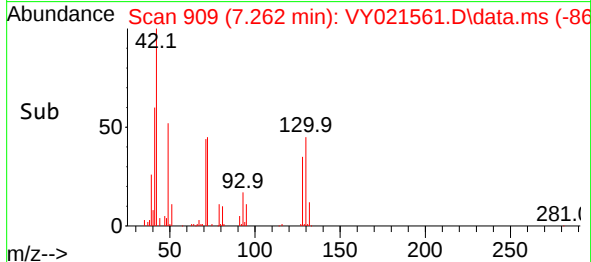
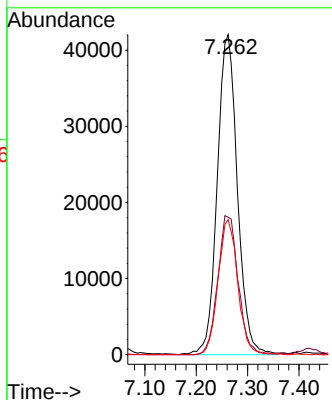
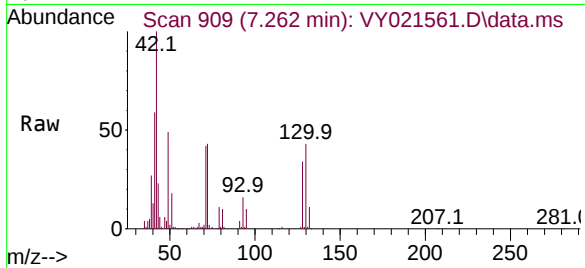




#29
Tetrahydrofuran
Concen: 273.064 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

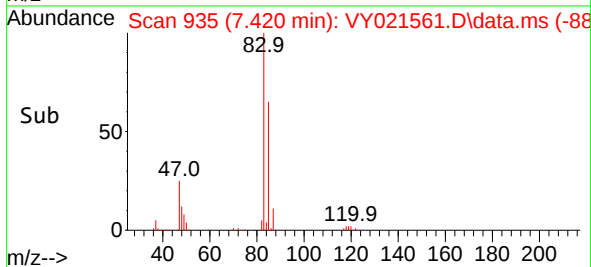
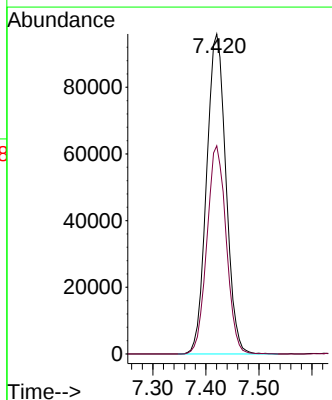
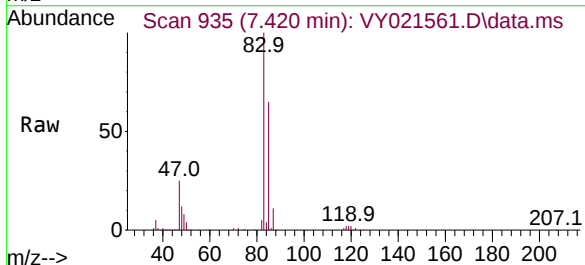
Instrument :
MSVOA_Y
ClientSampleId :

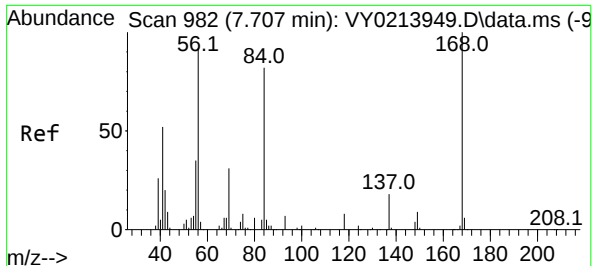
Tgt Ion: 42 Resp: 114546
Ion Ratio Lower Upper
42 100
72 44.0 34.8 52.2
71 41.1 32.6 48.8



#30
Chloroform
Concen: 52.017 ug/l
RT: 7.420 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

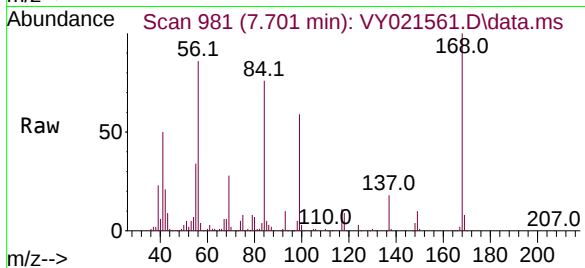
Tgt Ion: 83 Resp: 243013
Ion Ratio Lower Upper
83 100
85 65.0 53.1 79.7



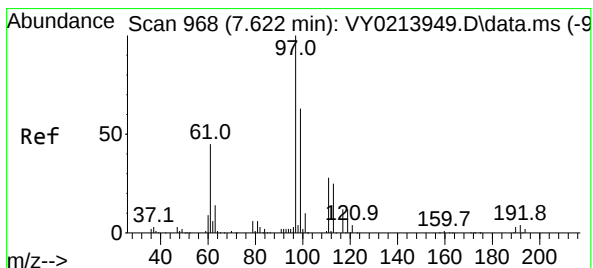
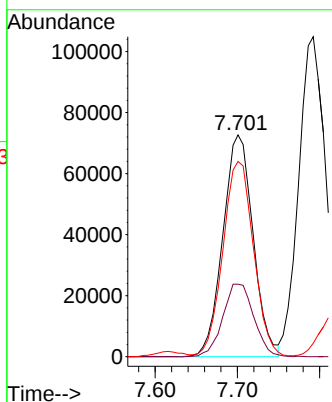
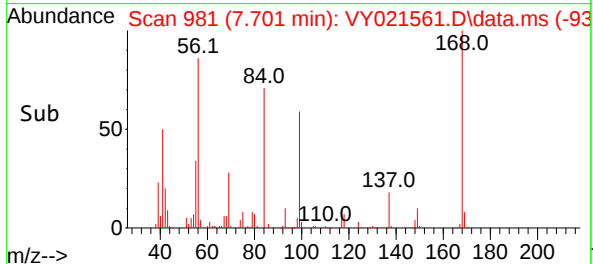


#31
Cyclohexane
Concen: 44.018 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :

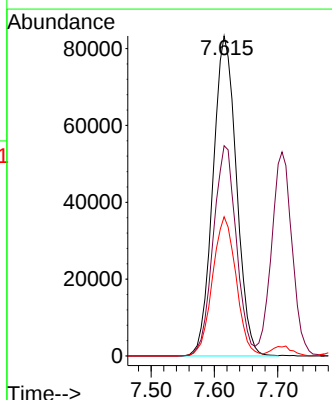
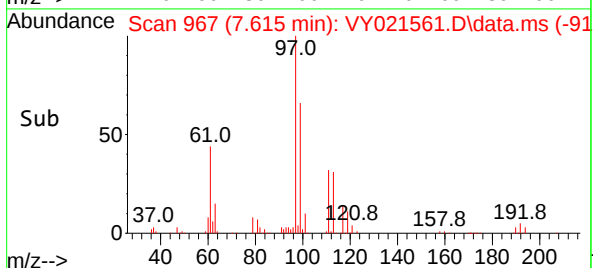
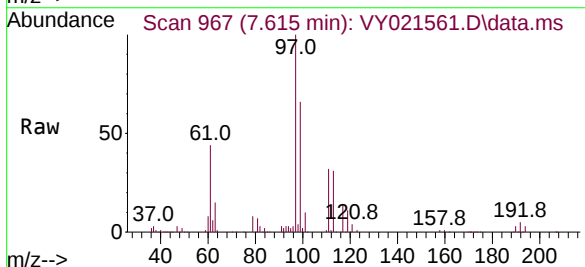


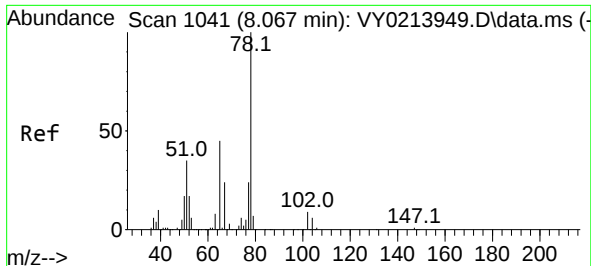
Tgt Ion: 56 Resp: 185665
Ion Ratio Lower Upper
56 100
69 32.7 27.0 40.4
84 86.4 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 50.161 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 97 Resp: 214573
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 43.7 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 53.624 ug/l

RT: 8.060 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

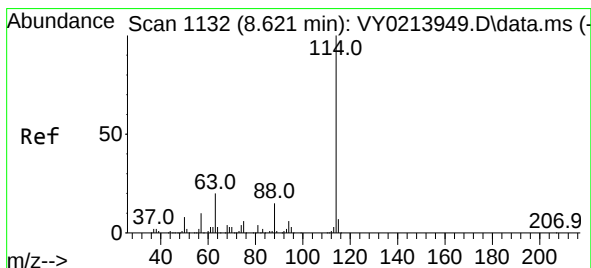
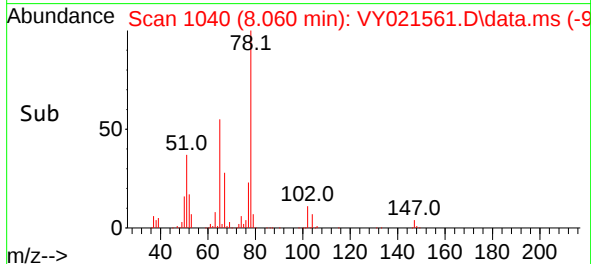
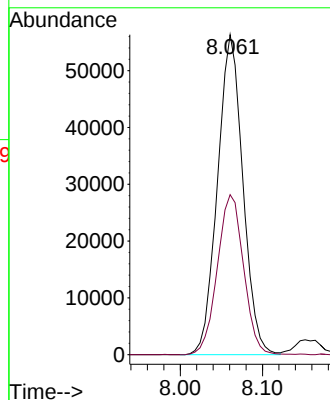
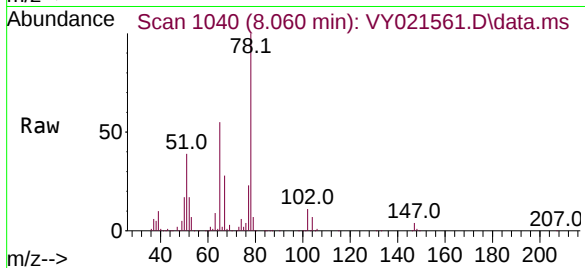
ClientSampleId :

Tgt Ion: 65 Resp: 120769

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

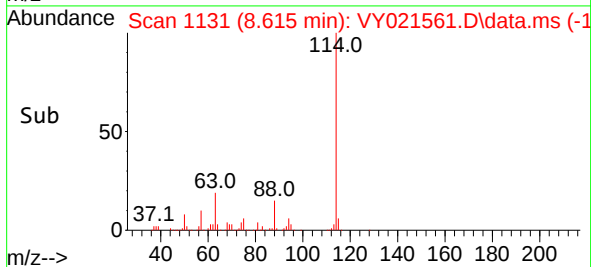
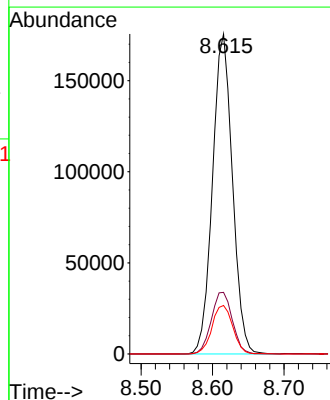
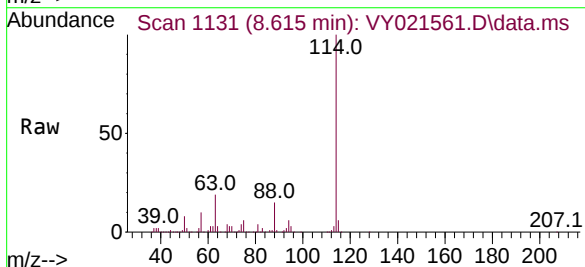
Tgt Ion: 114 Resp: 339738

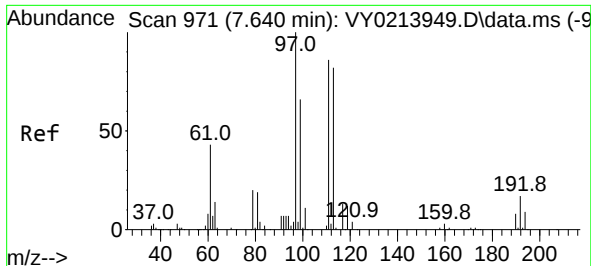
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

88 15.2 0.0 30.8

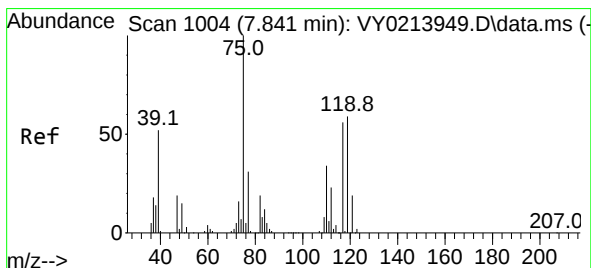
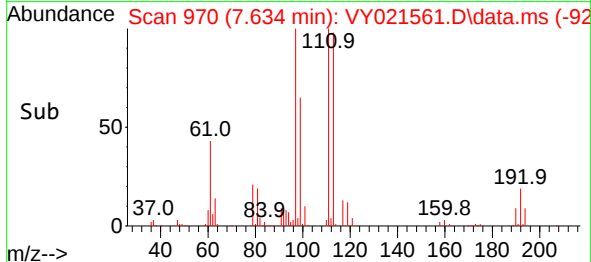
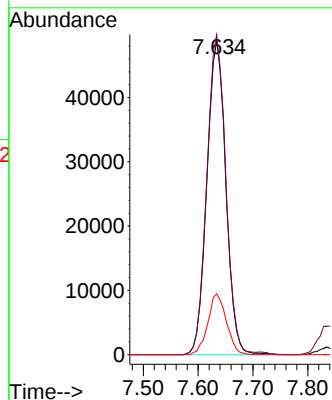
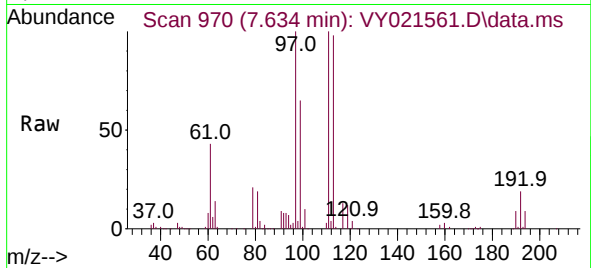




#35
Dibromofluoromethane
Concen: 52.355 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

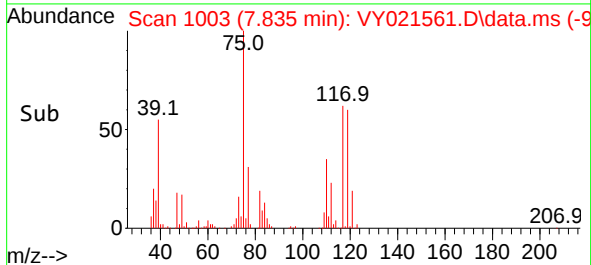
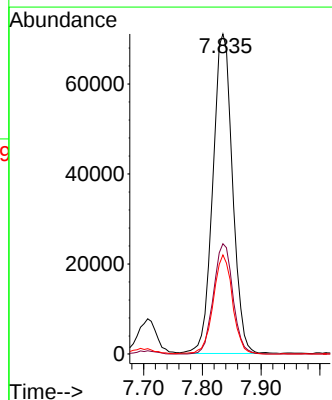
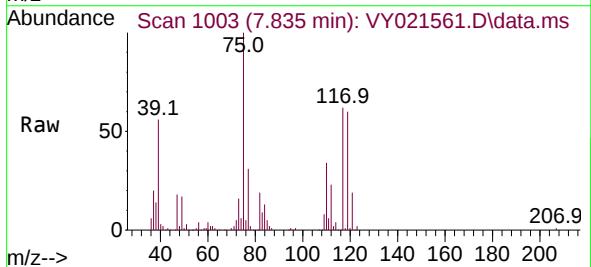
Instrument :
MSVOA_Y
ClientSampleId :

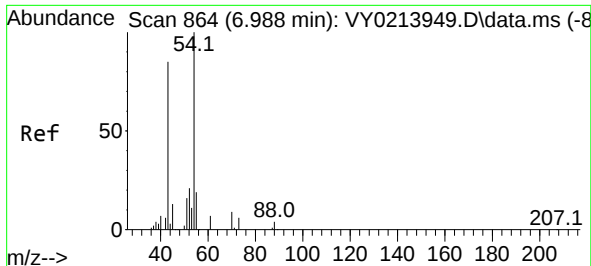
Tgt Ion:113 Resp: 116916
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.229 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 75 Resp: 165093
Ion Ratio Lower Upper
75 100
110 34.0 17.3 51.7
77 30.4 25.4 38.2





#37

Ethyl Acetate

Concen: 50.575 ug/l

RT: 6.981 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

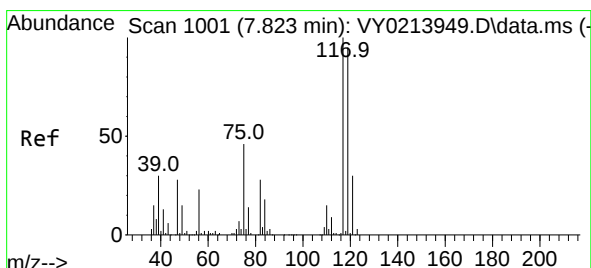
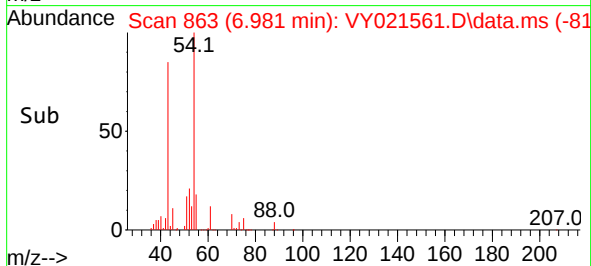
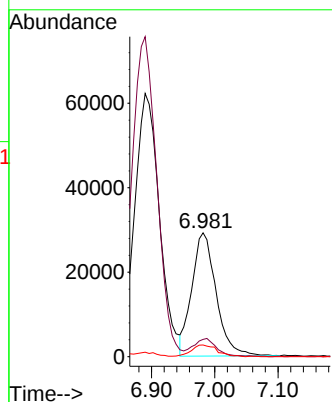
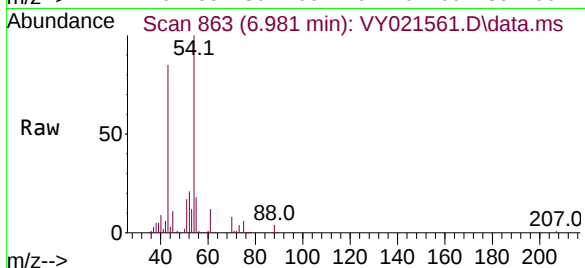
Tgt Ion: 43 Resp: 78139

Ion Ratio Lower Upper

43 100

61 14.4 11.4 17.0

70 10.1 8.2 12.2



#38

Carbon Tetrachloride

Concen: 47.630 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

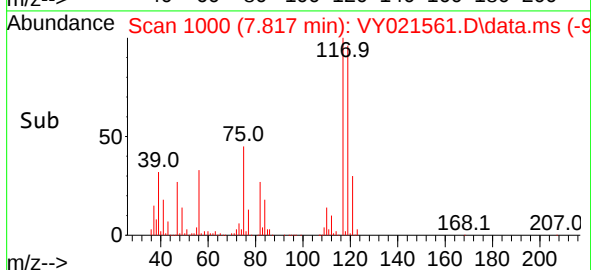
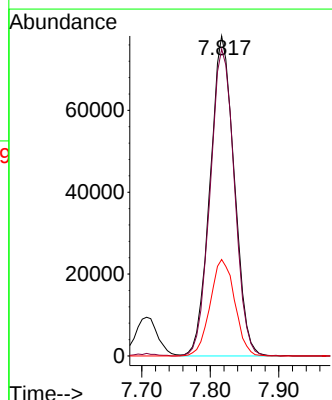
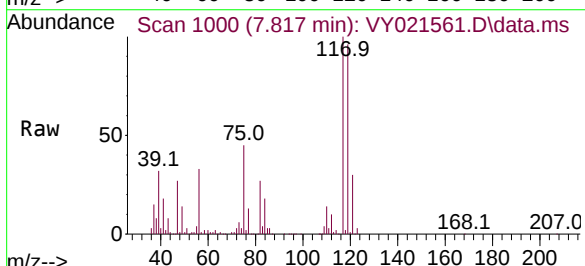
Tgt Ion: 117 Resp: 191481

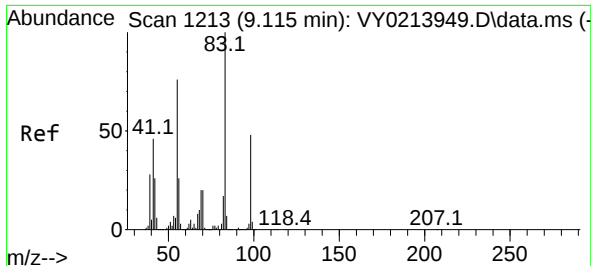
Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.8

121 30.2 23.9 35.9





#39

Methylcyclohexane

Concen: 45.390 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

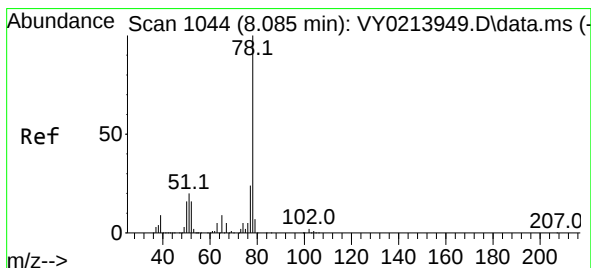
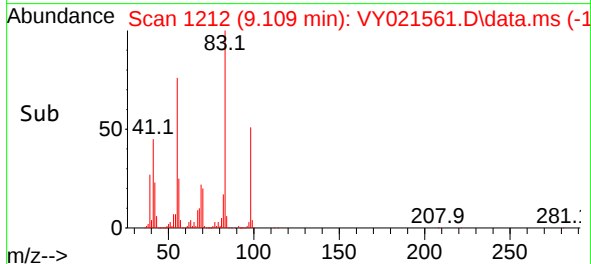
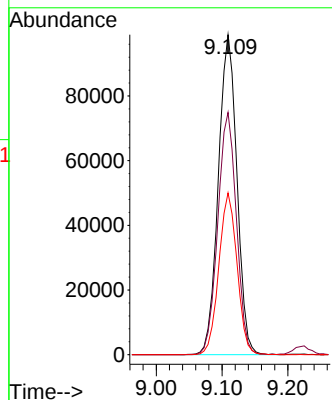
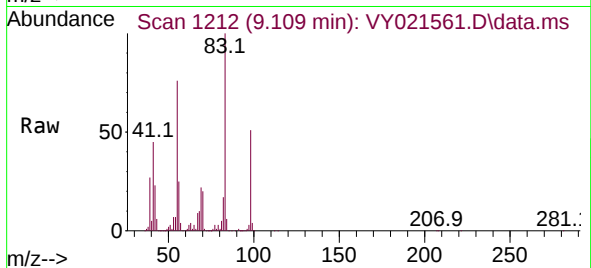
Tgt Ion: 83 Resp: 194622

Ion Ratio Lower Upper

83 100

55 75.7 60.7 91.1

98 50.6 38.6 57.8



#40

Benzene

Concen: 49.505 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021561.D

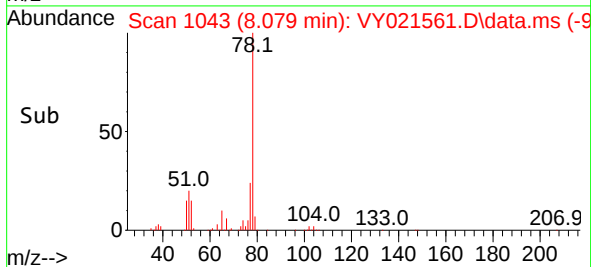
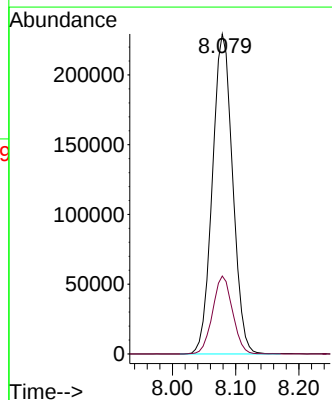
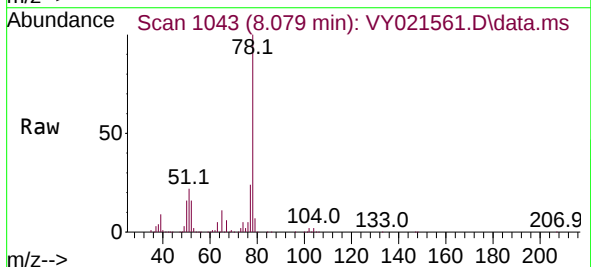
Acq: 18 Mar 2025 15:47

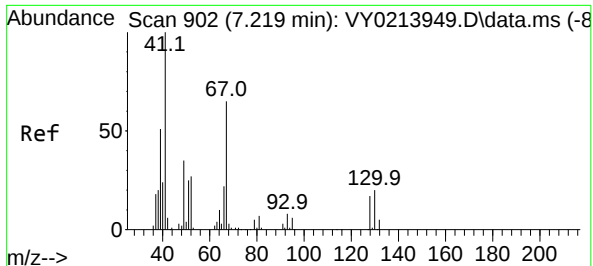
Tgt Ion: 78 Resp: 509766

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4

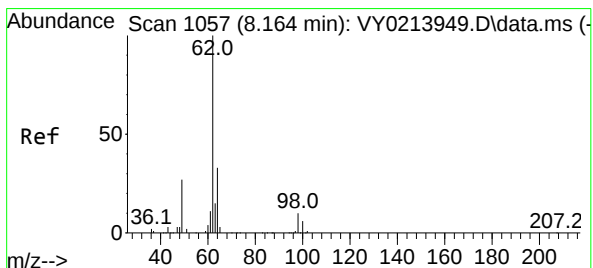
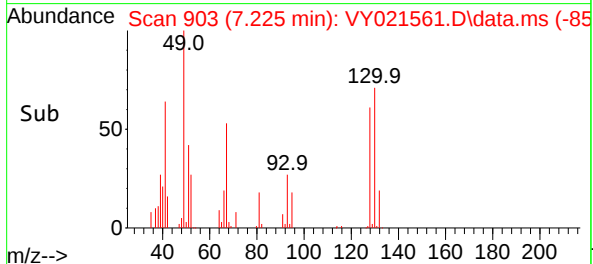
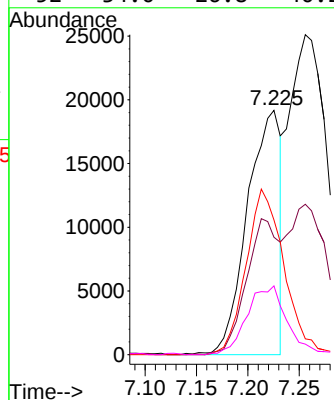
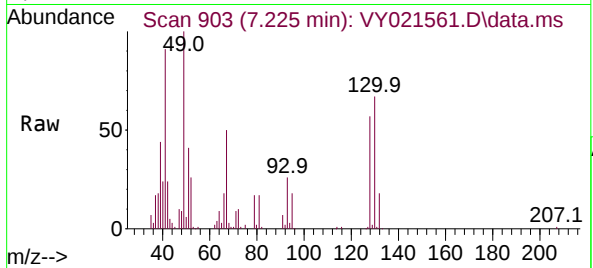




#41
Methacrylonitrile
Concen: 51.533 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

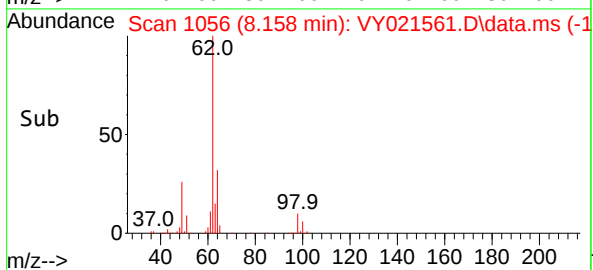
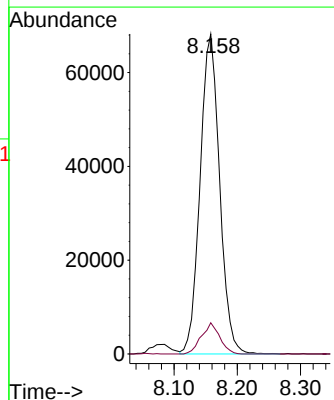
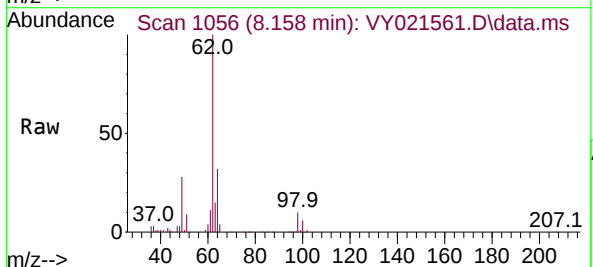
Instrument :
MSVOA_Y
ClientSampleId :

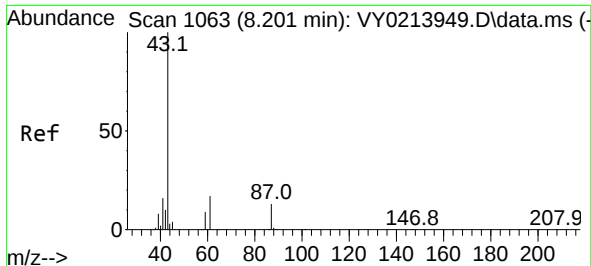
Tgt Ion: 41 Resp: 43352
Ion Ratio Lower Upper
41 100
39 54.3 35.0 52.6#
67 77.4 61.2 91.8
52 34.0 26.8 40.2



#42
1,2-Dichloroethane
Concen: 50.883 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 62 Resp: 146579
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.2

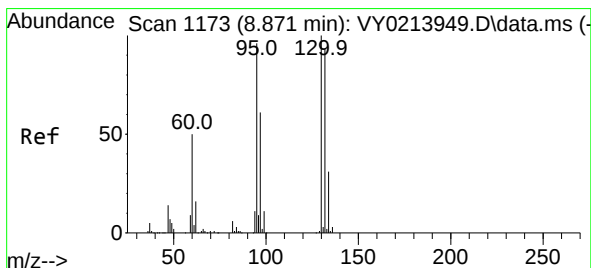
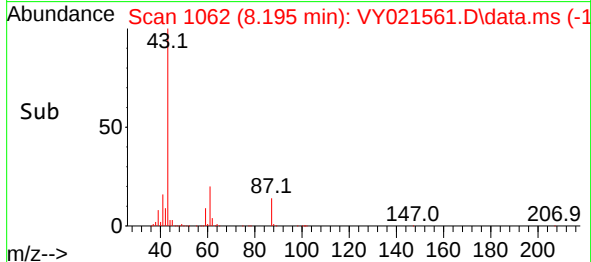
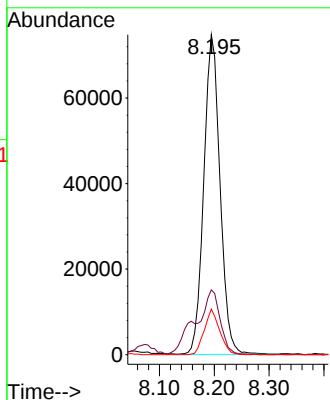
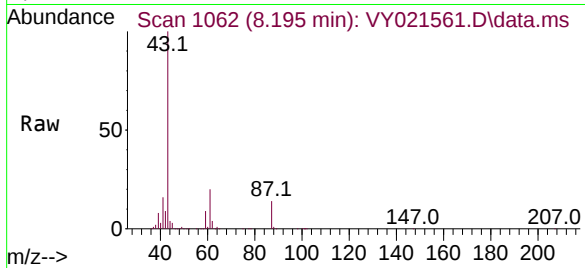




#43
Isopropyl Acetate
Concen: 51.206 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

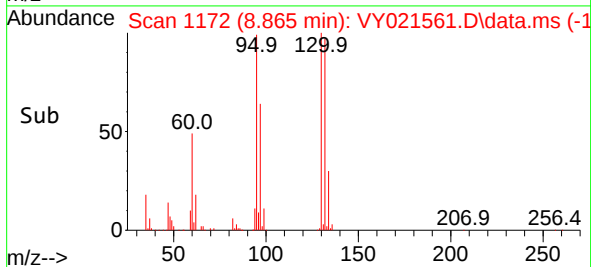
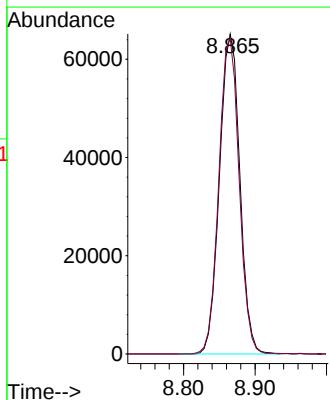
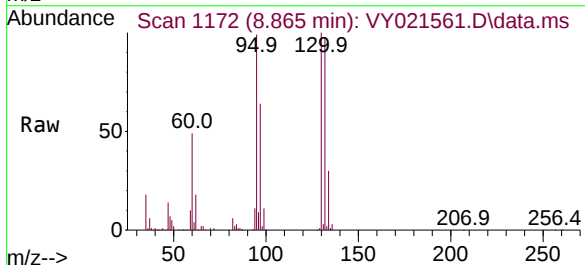
Instrument :
MSVOA_Y
ClientSampleId :

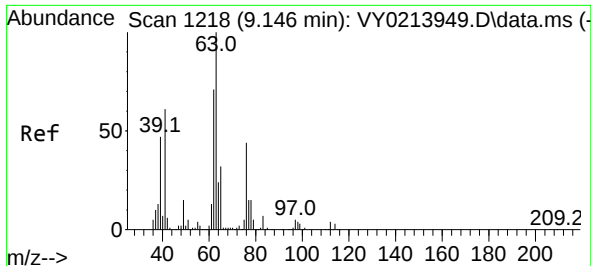
Tgt Ion: 43 Resp: 153580
Ion Ratio Lower Upper
43 100
61 20.6 23.4 35.0#
87 13.5 10.5 15.7



#44
Trichloroethene
Concen: 49.439 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion:130 Resp: 128644
Ion Ratio Lower Upper
130 100
95 98.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 50.750 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

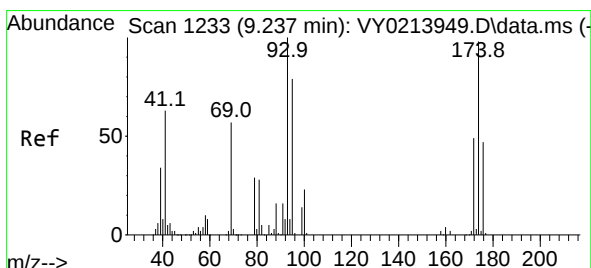
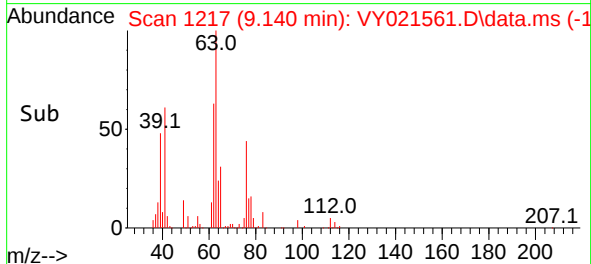
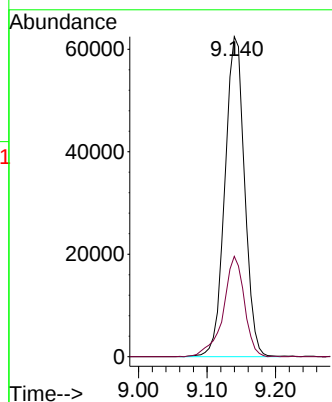
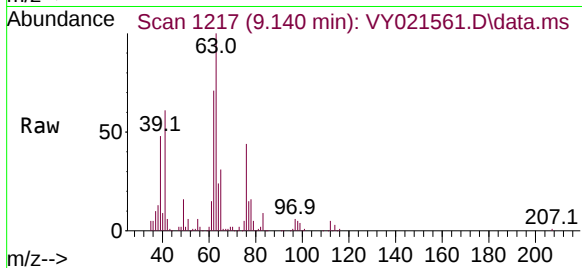
ClientSampleId :

Tgt Ion: 63 Resp: 124374

Ion Ratio Lower Upper

63 100

65 31.3 26.0 39.0



#46

Dibromomethane

Concen: 51.055 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

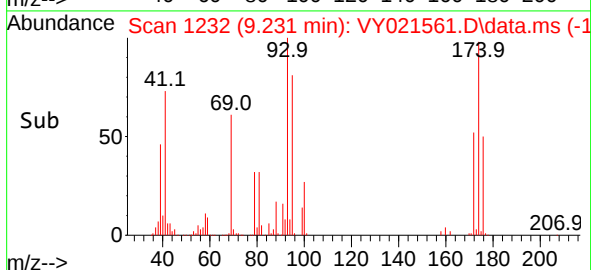
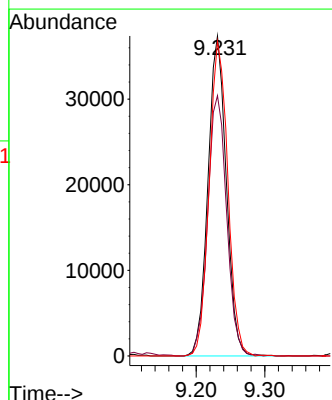
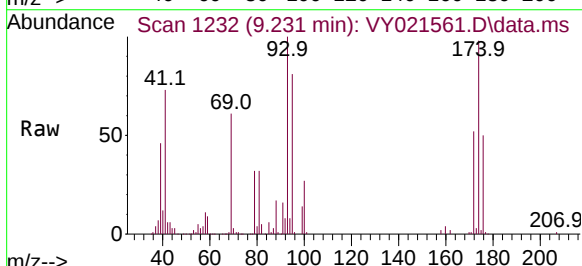
Tgt Ion: 93 Resp: 69619

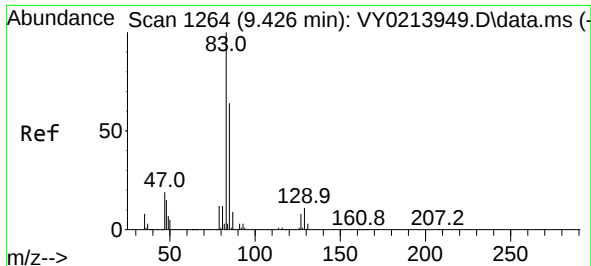
Ion Ratio Lower Upper

93 100

95 84.2 65.8 98.8

174 99.9 77.9 116.9

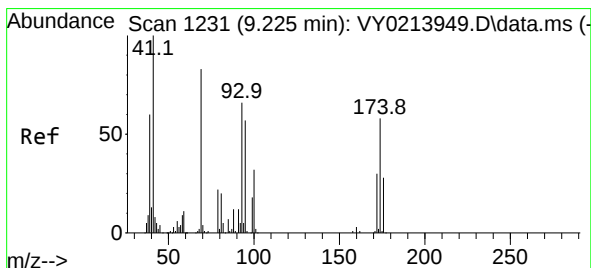
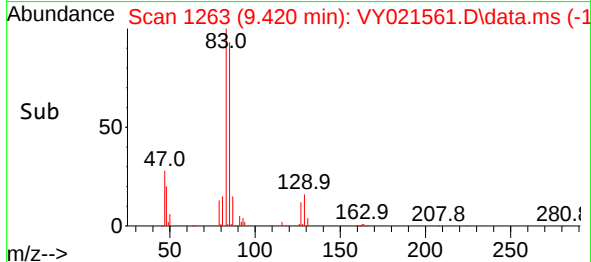
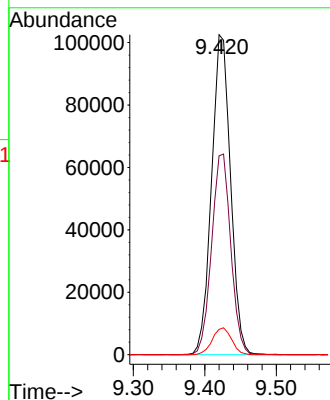
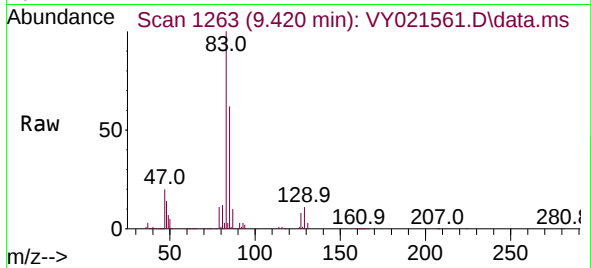




#47
Bromodichloromethane
Concen: 52.206 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

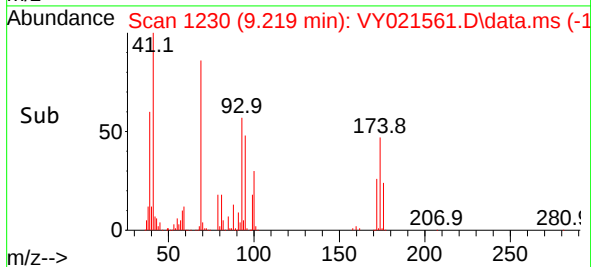
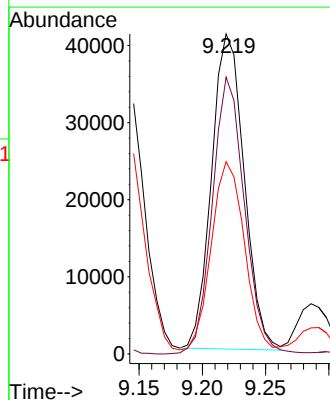
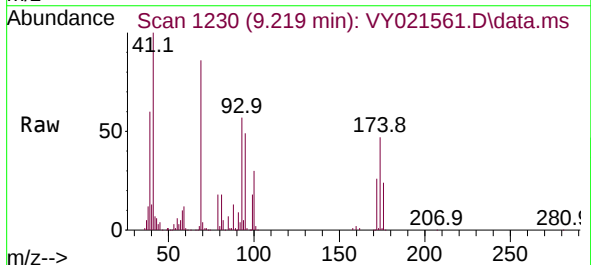
Instrument :
MSVOA_Y
ClientSampleId :

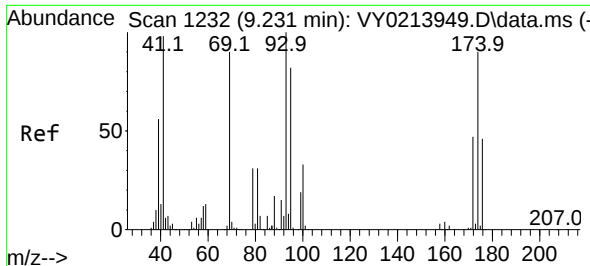
Tgt Ion: 83 Resp: 189056
Ion Ratio Lower Upper
83 100
85 62.1 51.1 76.7
127 7.9 6.7 10.1



#48
Methyl methacrylate
Concen: 53.133 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 41 Resp: 73176
Ion Ratio Lower Upper
41 100
69 87.0 67.8 101.8
39 60.9 46.4 69.6





#49

1,4-Dioxane

Concen: 1169.204 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

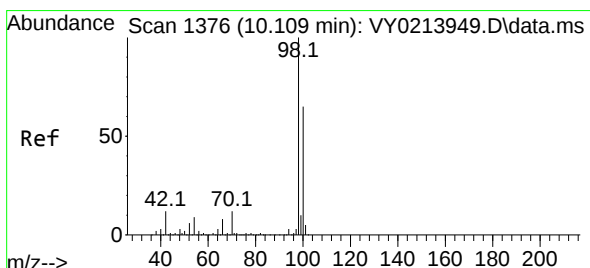
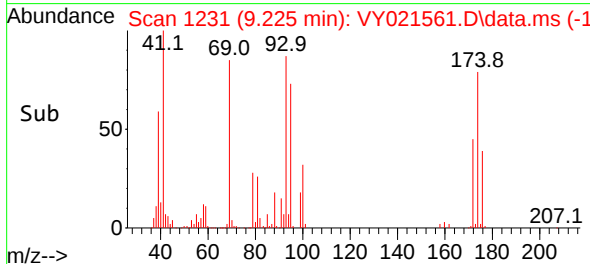
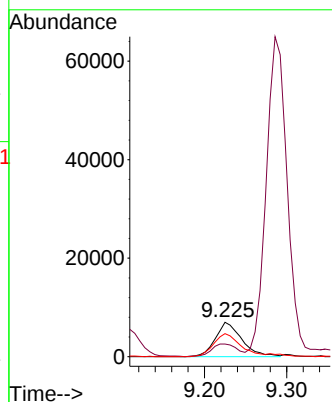
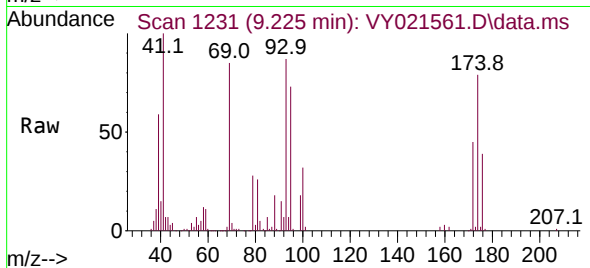
Tgt Ion: 88 Resp: 15649

Ion Ratio Lower Upper

88 100

43 36.5 25.0 37.4

58 68.1 58.4 87.6



#50

Toluene-d8

Concen: 50.471 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021561.D

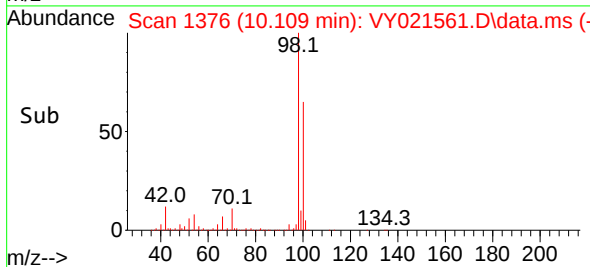
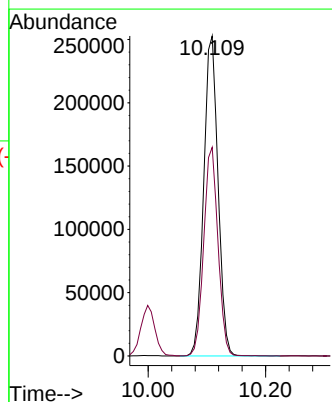
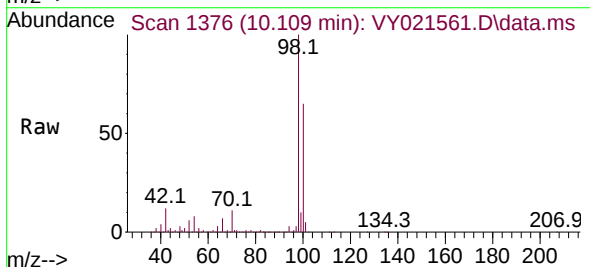
Acq: 18 Mar 2025 15:47

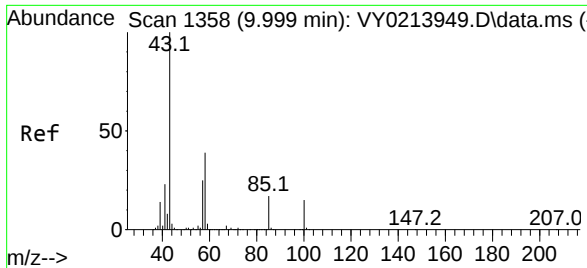
Tgt Ion: 98 Resp: 426754

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

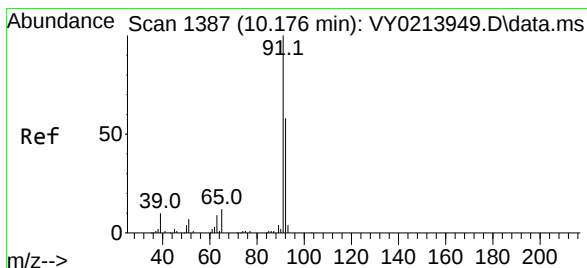
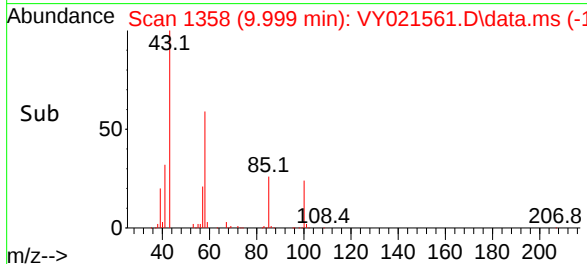
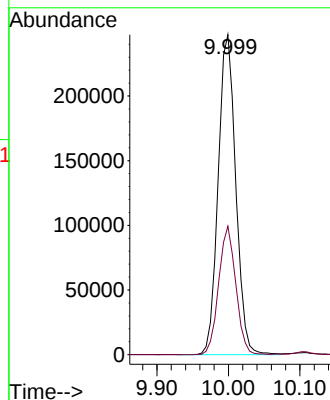
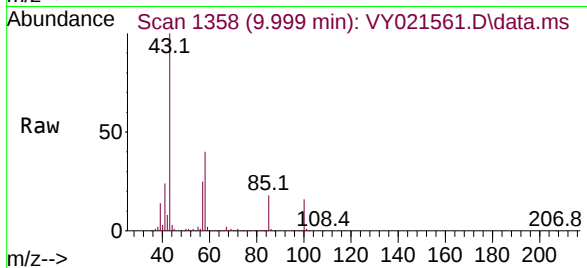




#51
4-Methyl-2-Pentanone
Concen: 273.072 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

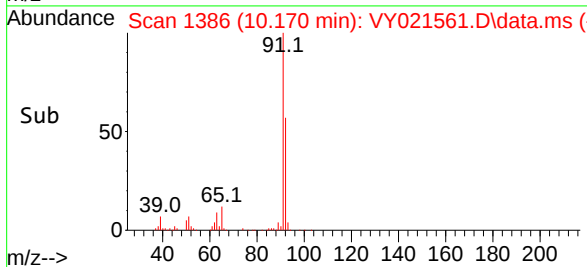
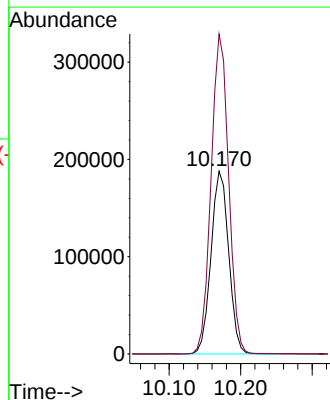
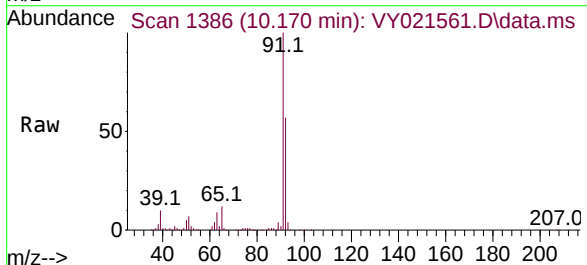
Instrument :
MSVOA_Y
ClientSampleId :

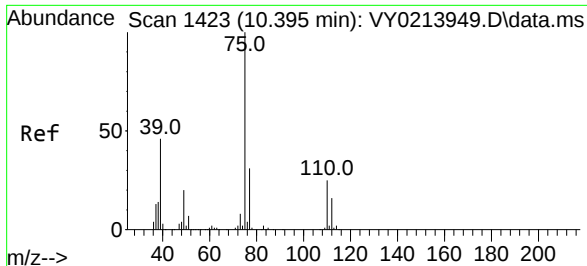
Tgt Ion: 43 Resp: 422581
Ion Ratio Lower Upper
43 100
58 39.1 31.4 47.2



#52
Toluene
Concen: 49.659 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 92 Resp: 322386
Ion Ratio Lower Upper
92 100
91 174.1 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 52.296 ug/l

RT: 10.395 min Scan# 1423

Delta R.T. -0.000 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

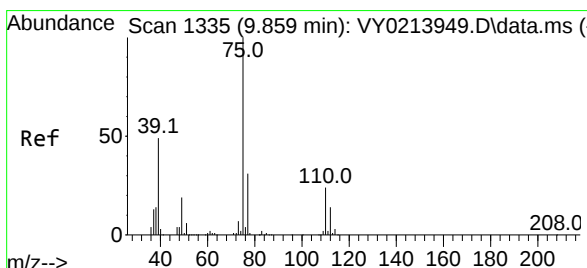
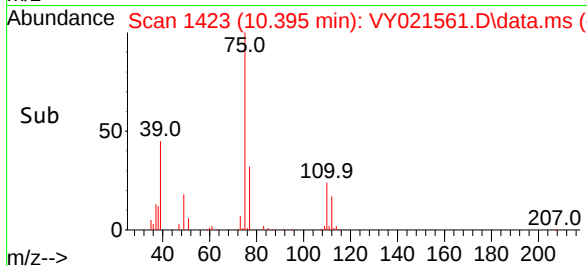
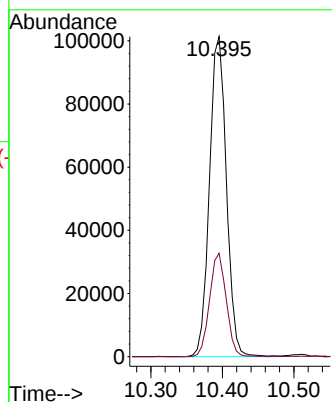
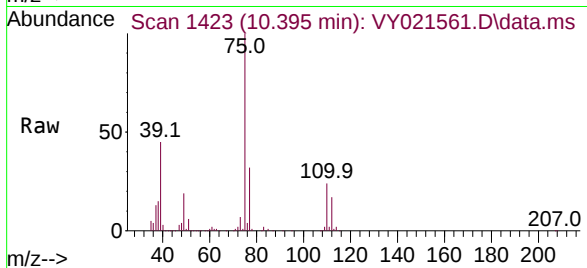
ClientSampleId :

Tgt Ion: 75 Resp: 166849

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 51.237 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

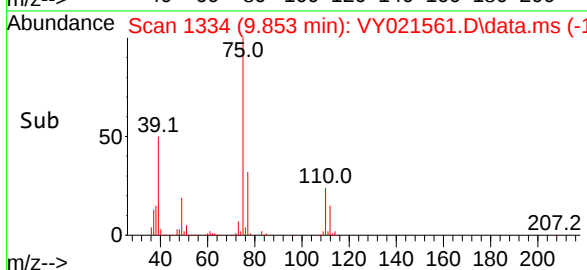
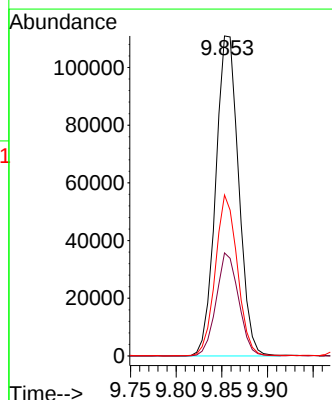
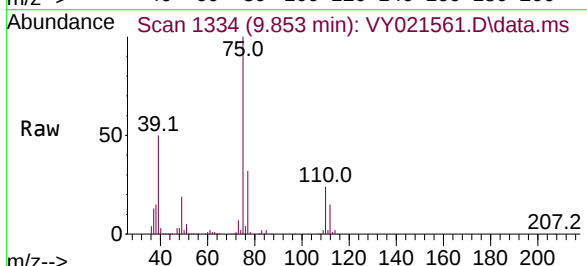
Tgt Ion: 75 Resp: 194081

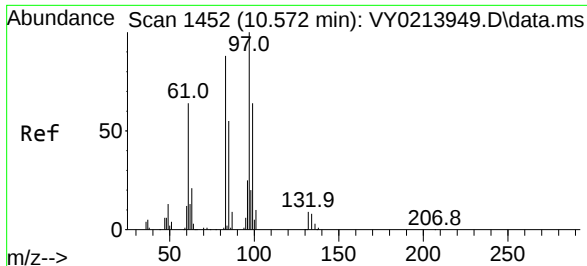
Ion Ratio Lower Upper

75 100

77 32.2 24.6 37.0

39 50.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 51.643 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 92118

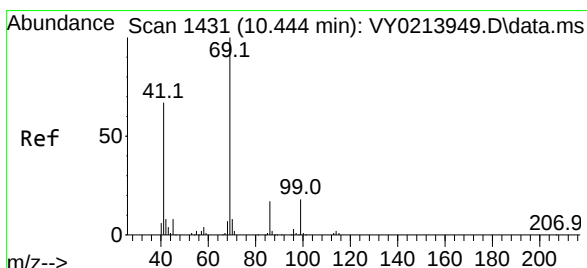
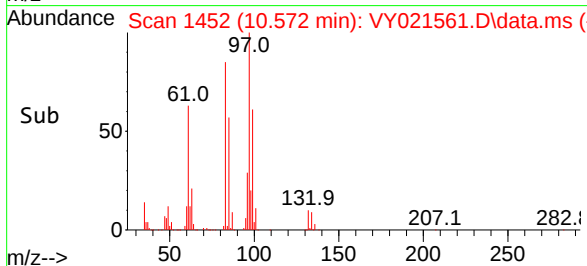
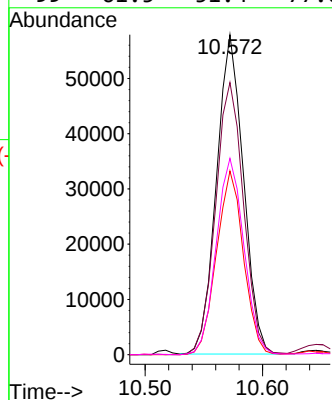
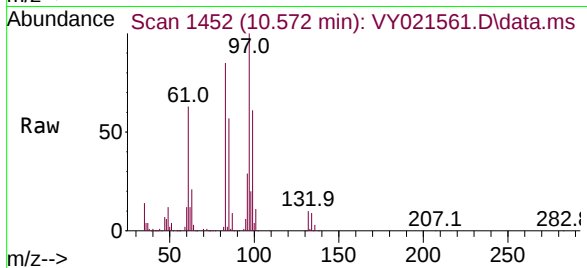
Ion Ratio Lower Upper

97 100

83 85.2 70.0 105.0

85 57.5 44.3 66.5

99 61.5 51.4 77.0



#56

Ethyl methacrylate

Concen: 54.973 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

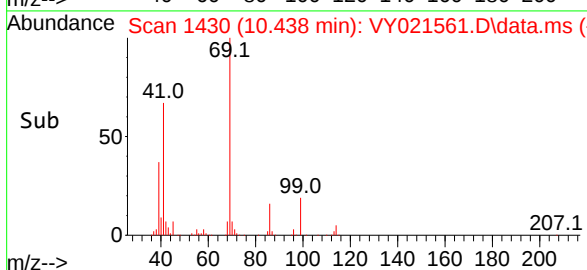
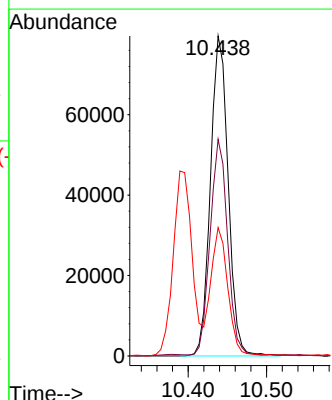
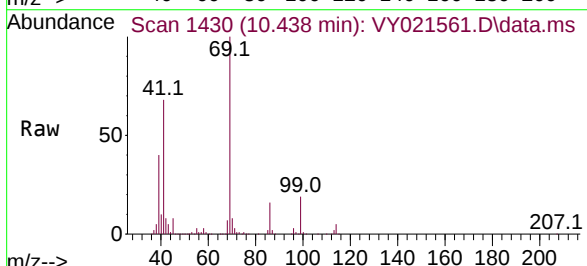
Tgt Ion: 69 Resp: 125059

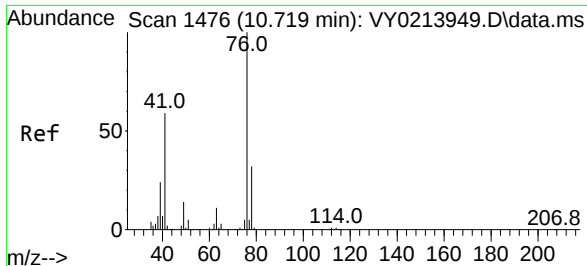
Ion Ratio Lower Upper

69 100

41 66.1 53.3 79.9

39 37.3 31.0 46.6





#57

1,3-Dichloropropane

Concen: 52.228 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

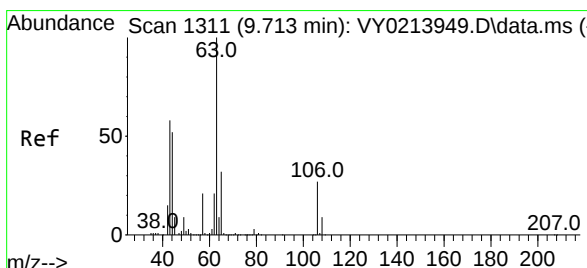
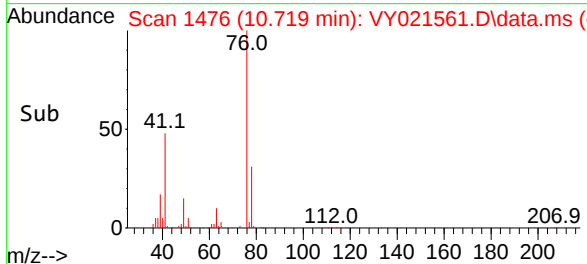
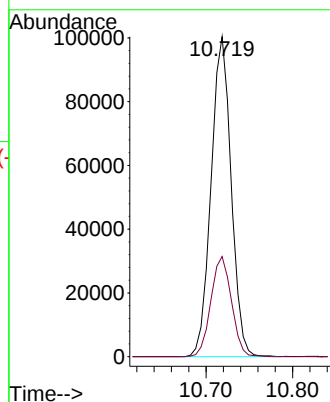
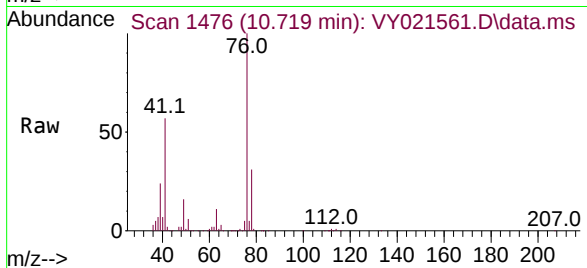
ClientSampleId :

Tgt Ion: 76 Resp: 161466

Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 290.572 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021561.D

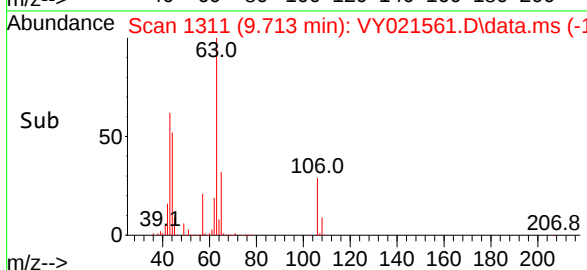
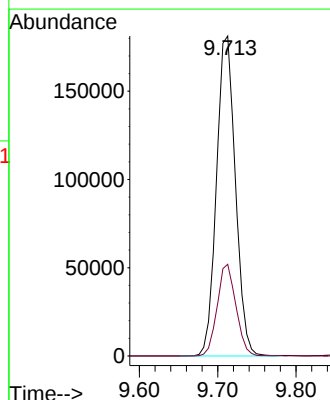
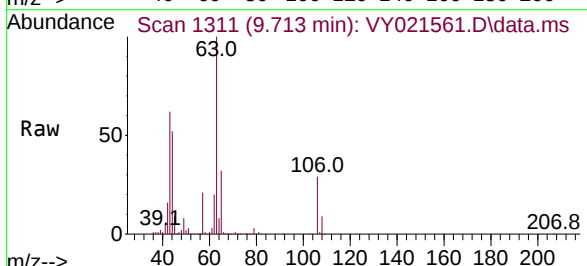
Acq: 18 Mar 2025 15:47

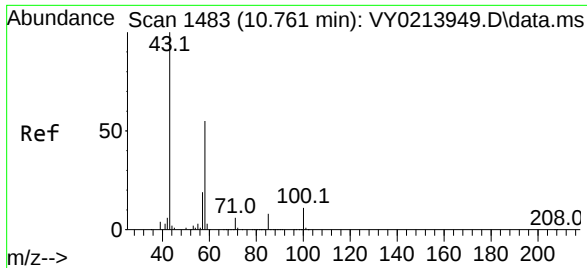
Tgt Ion: 63 Resp: 305145

Ion Ratio Lower Upper

63 100

106 28.3 22.1 33.1

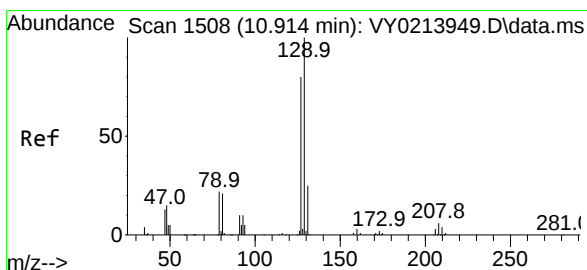
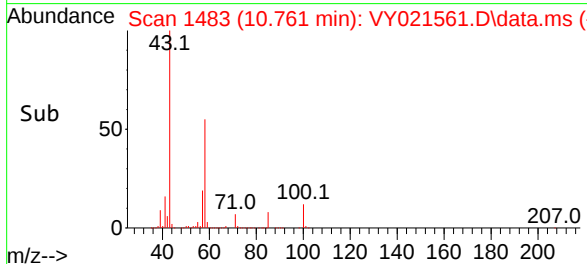
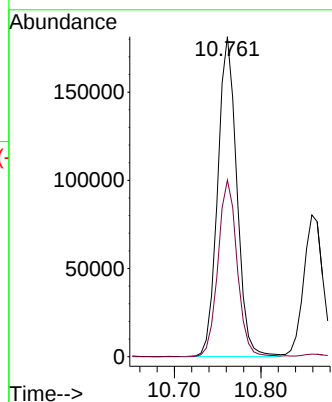
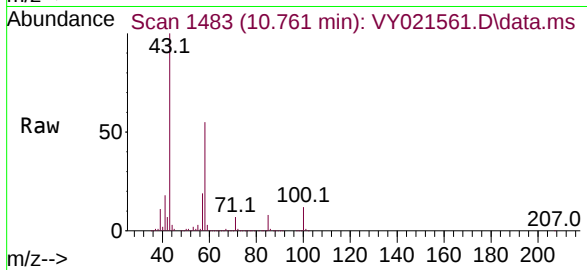




#59
2-Hexanone
Concen: 271.528 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

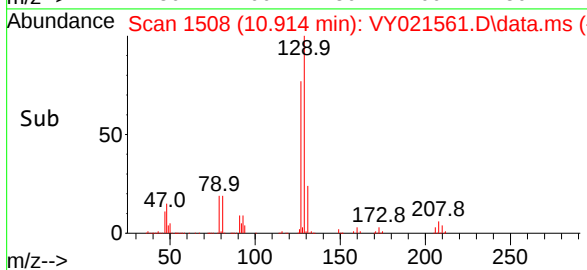
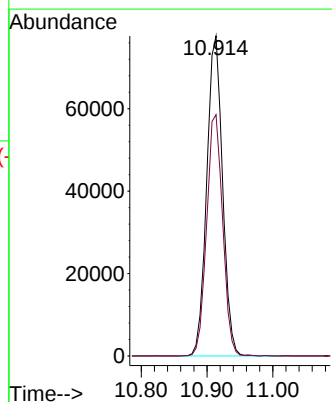
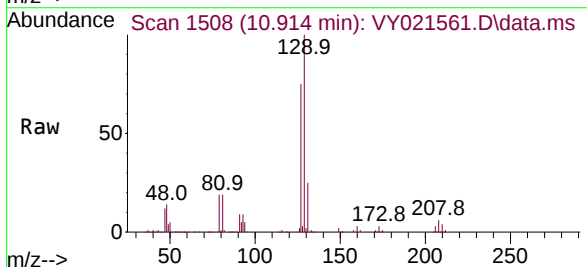
Instrument :
MSVOA_Y
ClientSampleId :

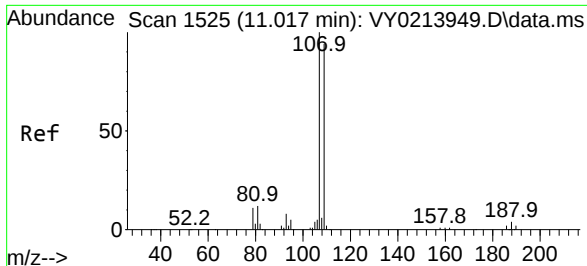
Tgt Ion: 43 Resp: 277841
Ion Ratio Lower Upper
43 100
58 55.5 27.3 81.8



#60
Dibromochloromethane
Concen: 53.162 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 129 Resp: 130002
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.3

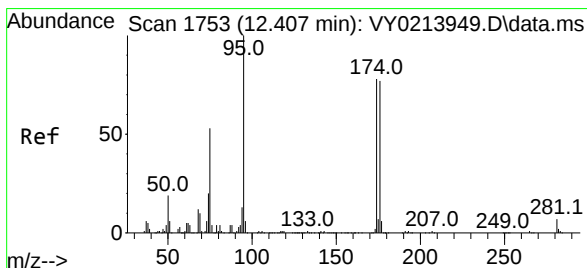
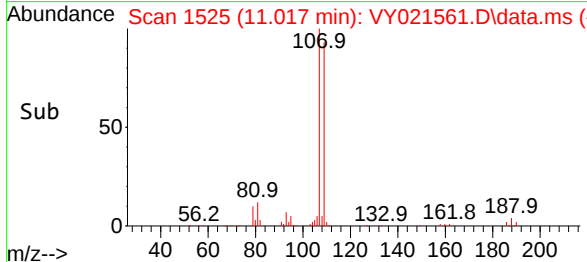
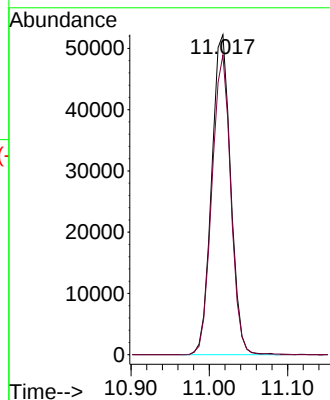
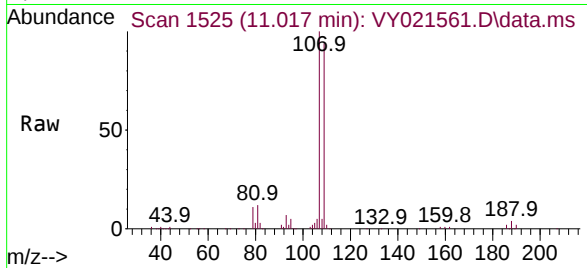




#61
1,2-Dibromoethane
Concen: 52.321 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

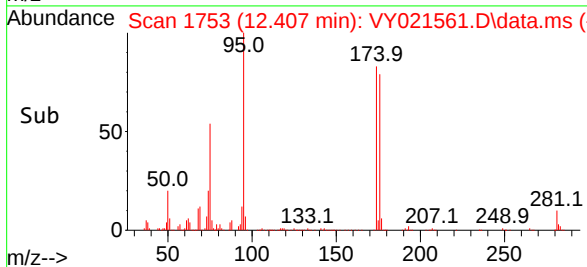
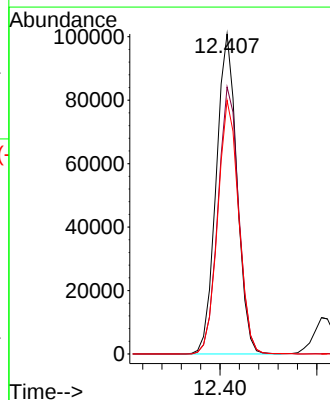
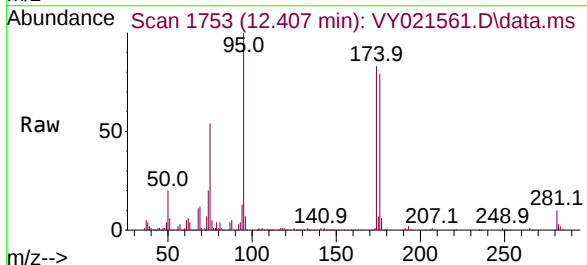
Instrument :
MSVOA_Y
ClientSampleId :

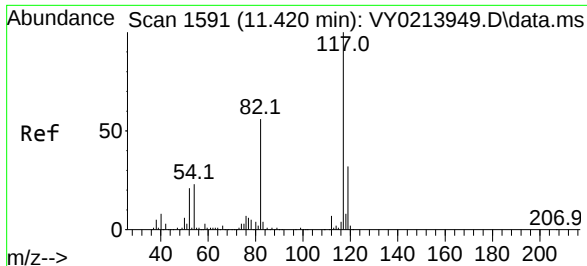
Tgt Ion:107 Resp: 88082
Ion Ratio Lower Upper
107 100
109 92.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.120 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 95 Resp: 149907
Ion Ratio Lower Upper
95 100
174 83.6 0.0 165.0
176 80.1 0.0 160.0

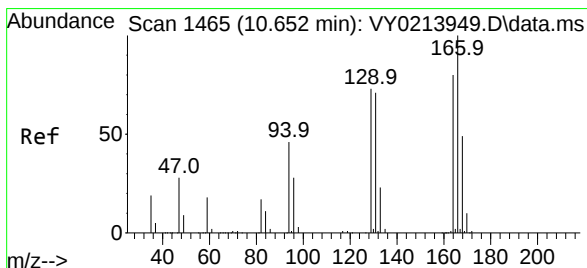
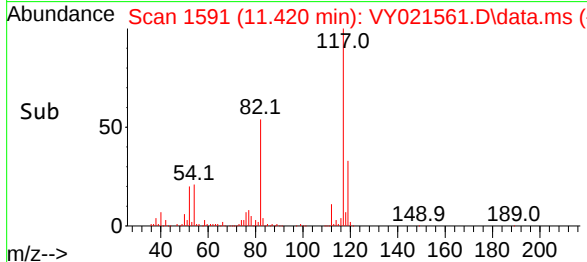
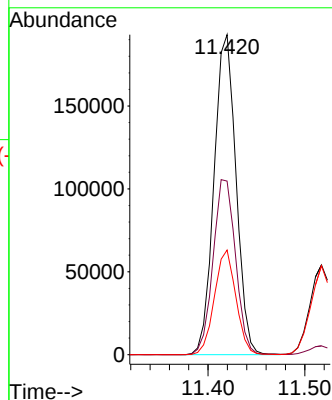
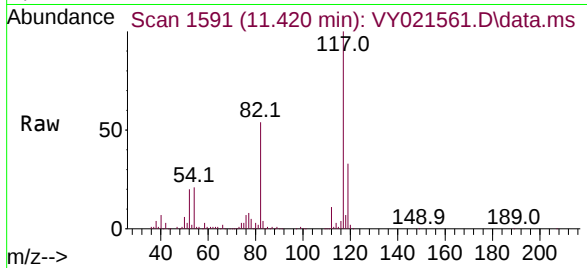




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

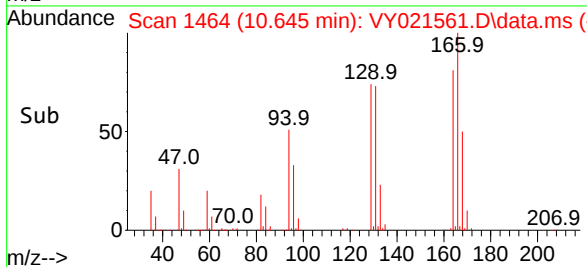
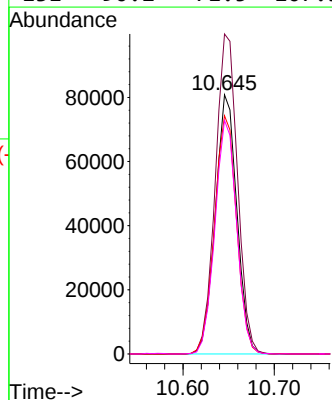
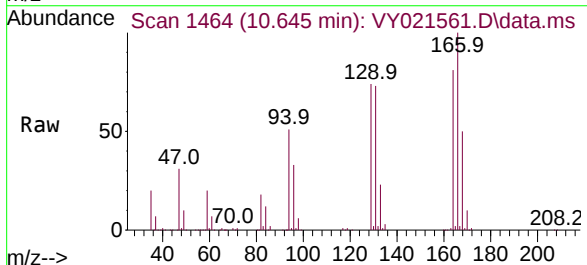
Instrument :
MSVOA_Y
ClientSampleId :

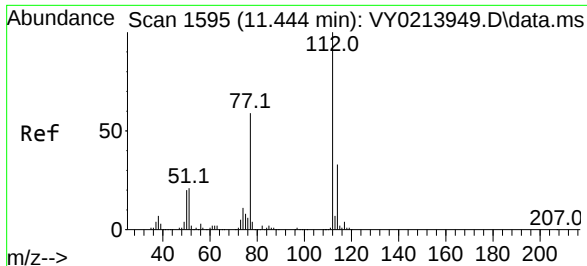
Tgt Ion:117 Resp: 304548
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 53.690 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion:164 Resp: 132962
Ion Ratio Lower Upper
164 100
166 123.5 100.4 150.6
129 91.9 73.8 110.8
131 90.2 71.5 107.3

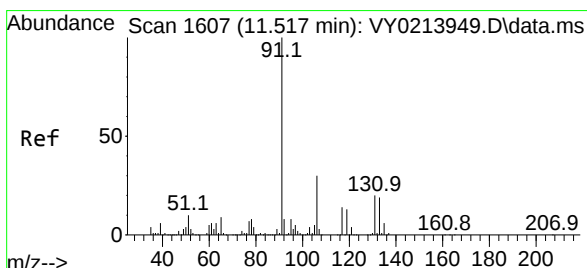
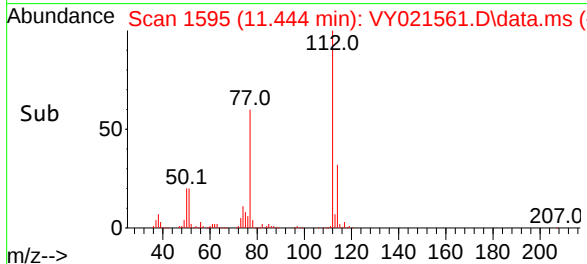
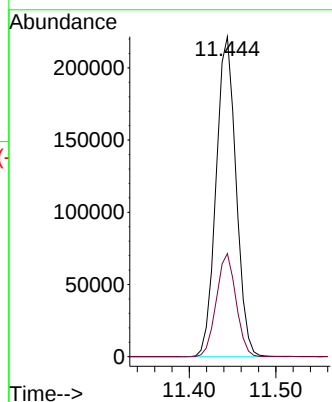
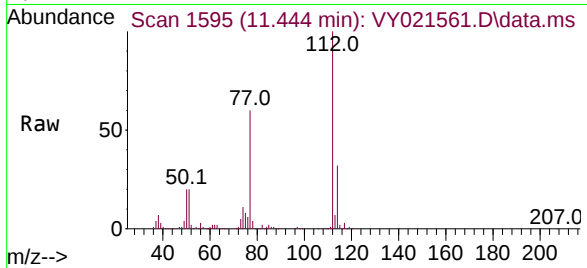




#65
Chlorobenzene
Concen: 49.314 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

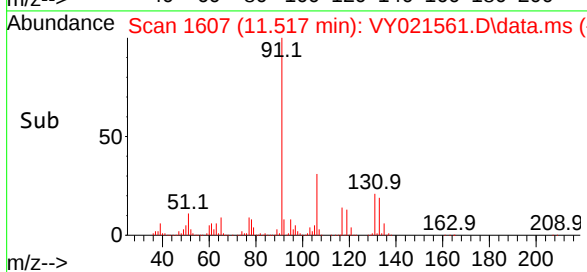
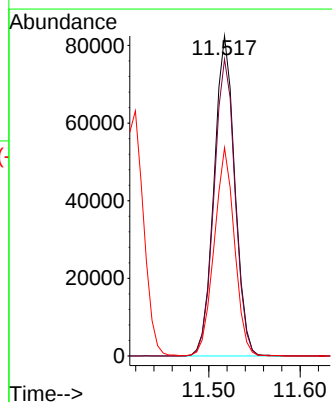
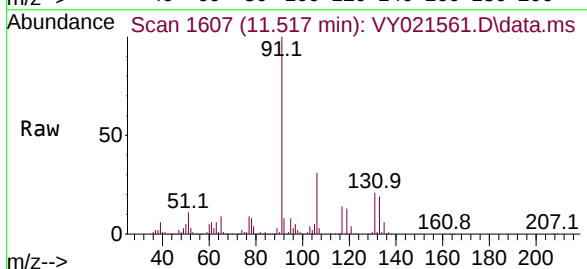
Instrument :
MSVOA_Y
ClientSampleId :

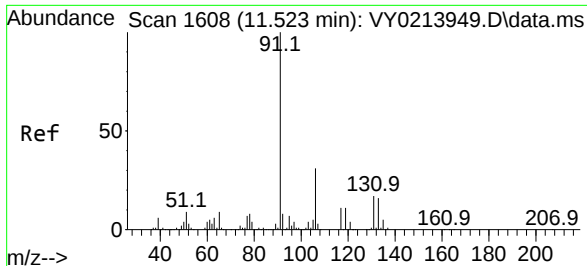
Tgt Ion:112 Resp: 354654
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.171 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion:131 Resp: 130109
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 63.7 32.3 96.9





#67

Ethyl Benzene

Concen: 49.512 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

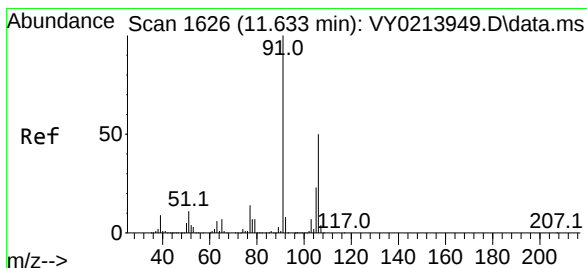
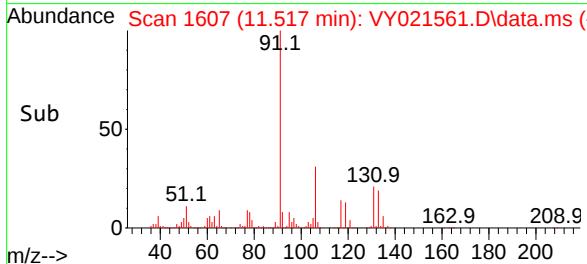
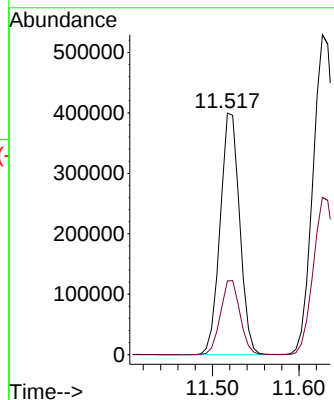
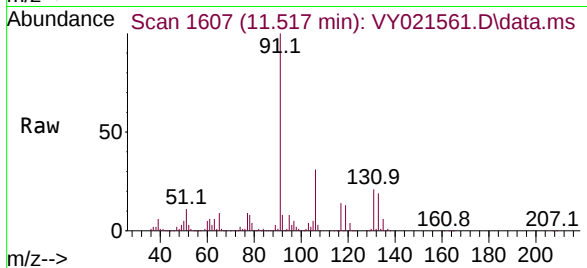
ClientSampleId :

Tgt Ion: 91 Resp: 624990

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 99.471 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021561.D

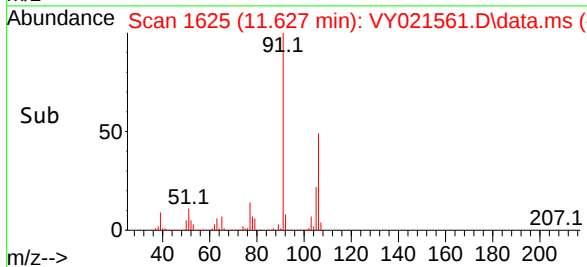
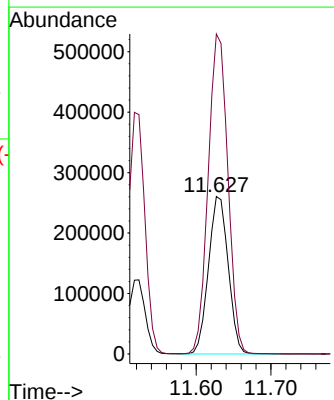
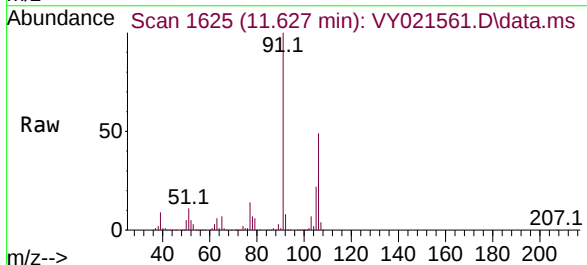
Acq: 18 Mar 2025 15:47

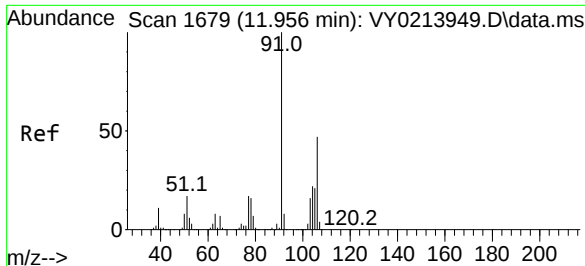
Tgt Ion:106 Resp: 476699

Ion Ratio Lower Upper

106 100

91 203.2 161.7 242.5

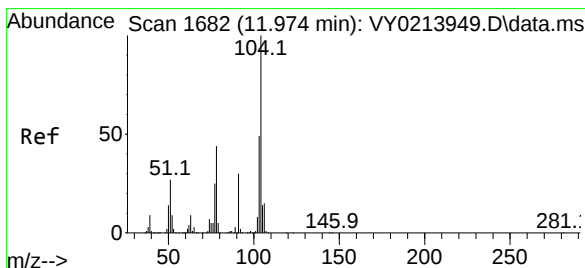
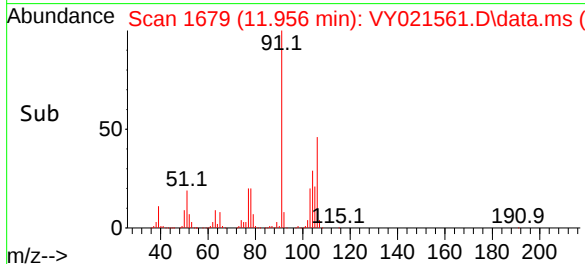
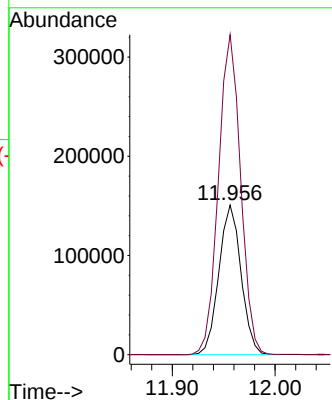
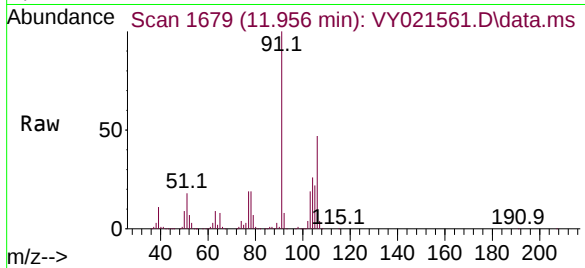




#69
o-Xylene
Concen: 51.122 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

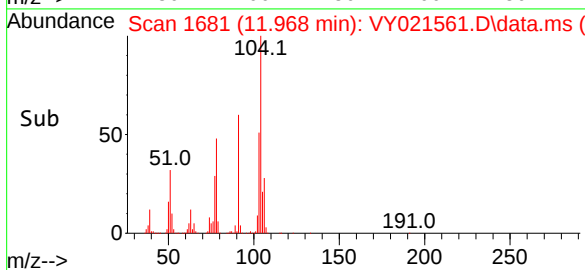
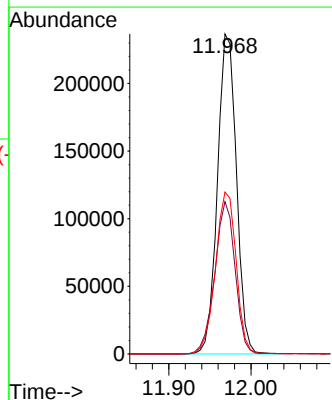
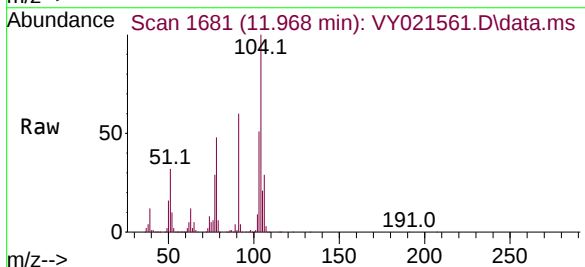
Instrument :
MSVOA_Y
ClientSampleId :

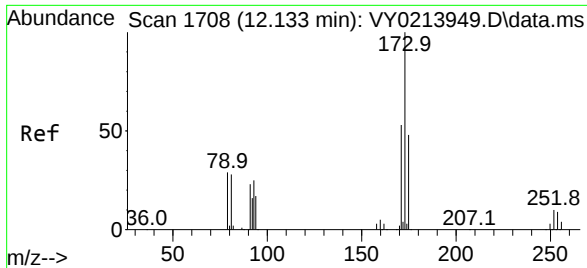
Tgt Ion:106 Resp: 225794
Ion Ratio Lower Upper
106 100
91 214.2 107.6 322.8



#70
Styrene
Concen: 51.788 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion:104 Resp: 379464
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 55.4 44.1 66.1

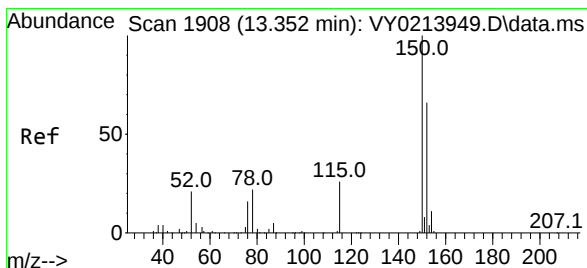
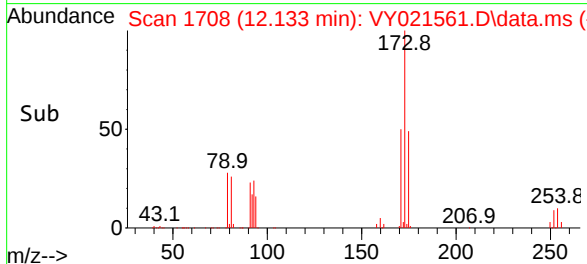
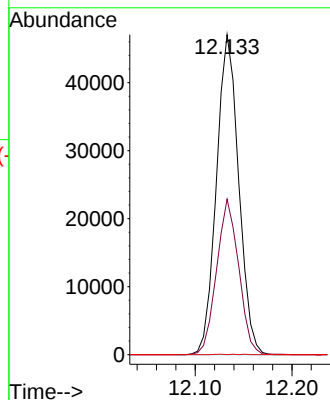
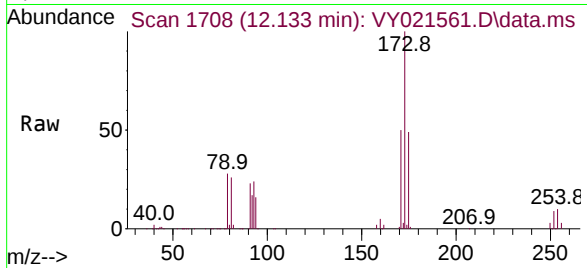




#71
Bromoform
Concen: 52.788 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

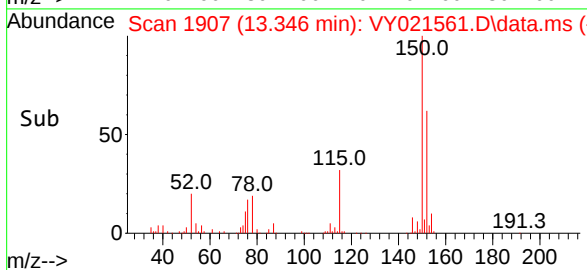
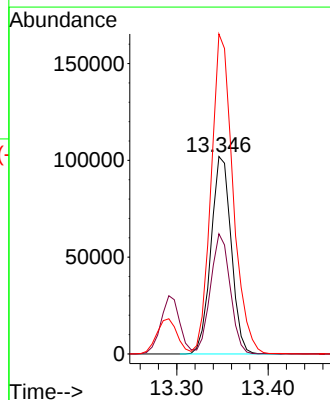
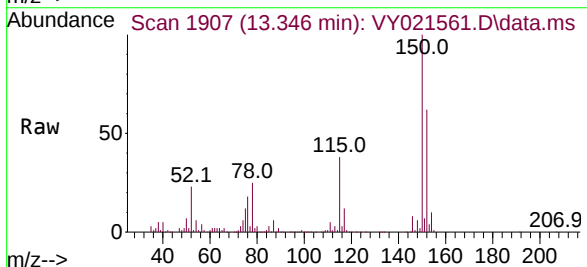
Instrument :
MSVOA_Y
ClientSampleId :

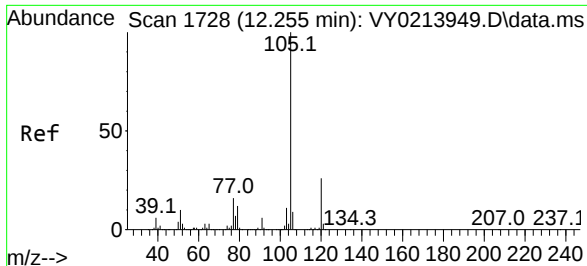
Tgt Ion:173 Resp: 75031
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion:152 Resp: 156491
Ion Ratio Lower Upper
152 100
115 58.9 29.0 87.0
150 175.4 0.0 347.2

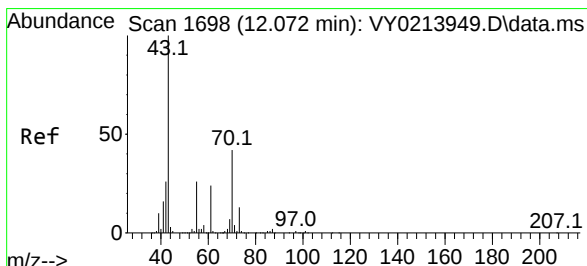
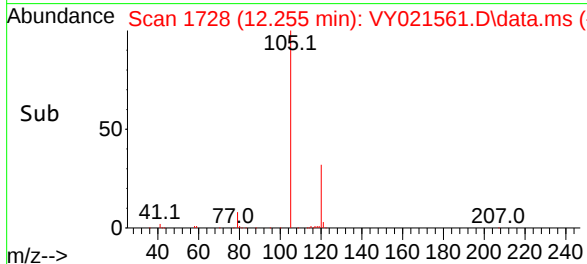
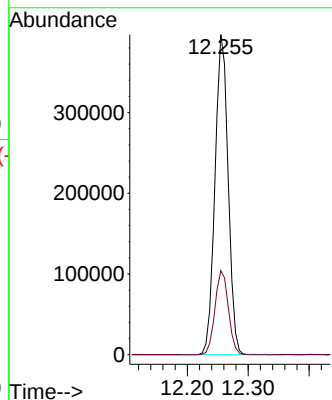
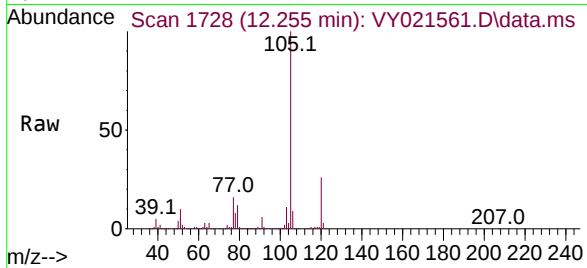




#73
Isopropylbenzene
Concen: 48.151 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

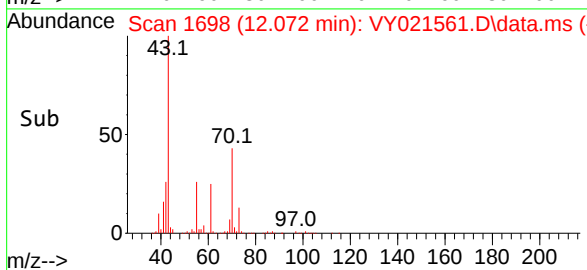
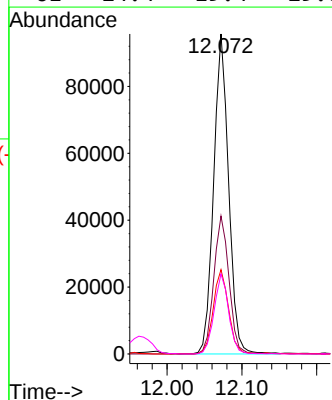
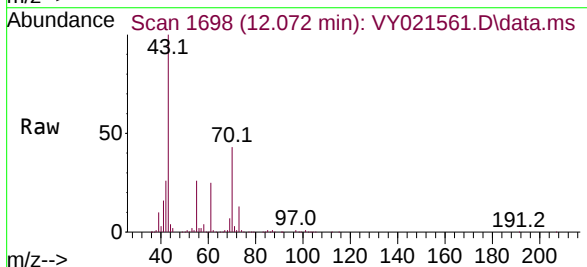
Instrument :
MSVOA_Y
ClientSampleId :

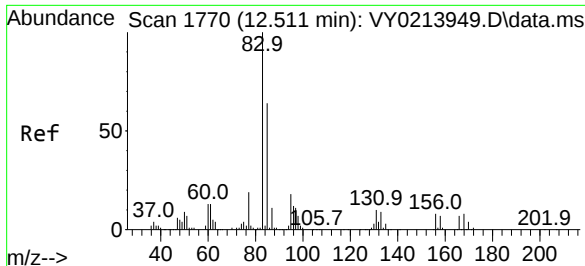
Tgt Ion:105 Resp: 593563
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3



#74
N-ethyl acetate
Concen: 49.729 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 43 Resp: 133132
Ion Ratio Lower Upper
43 100
70 44.0 34.6 51.8
55 26.9 21.1 31.7
61 24.4 19.4 29.0

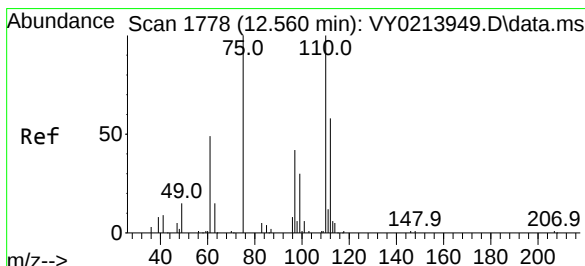
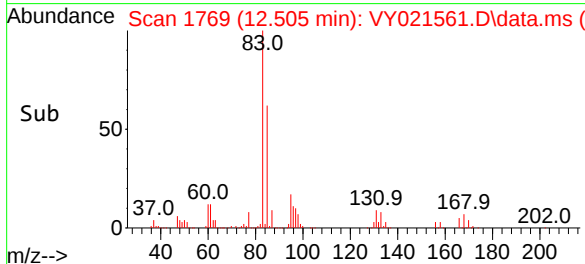
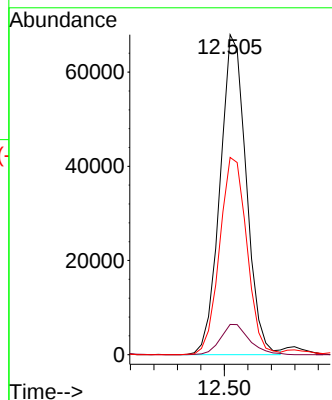
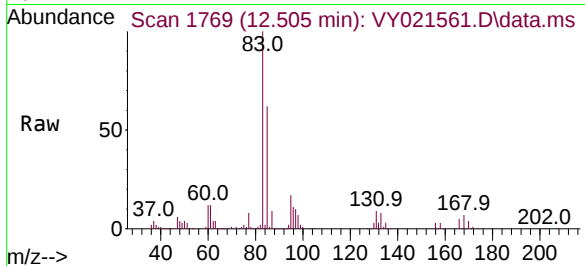




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.446 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

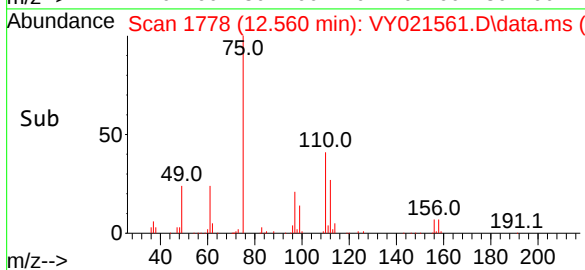
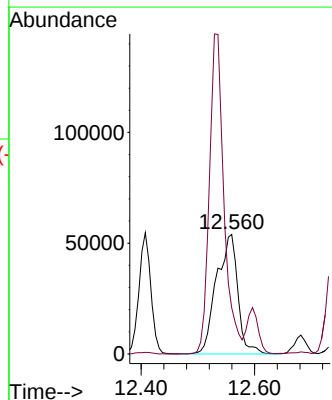
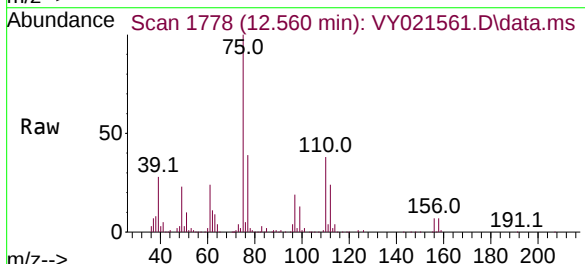
Instrument :
 MSVOA_Y
 ClientSampleId :

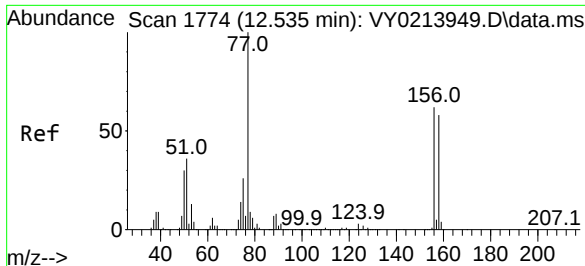
Tgt Ion: 83 Resp: 105387
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.3 16.1
 85 64.1 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 89.394 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

Tgt Ion: 75 Resp: 140968
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

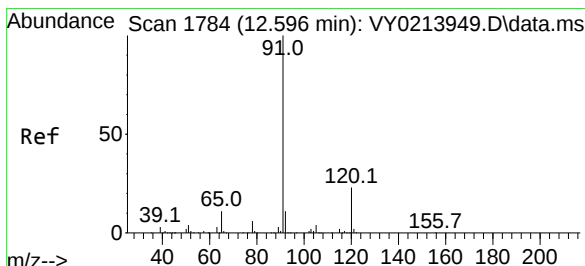
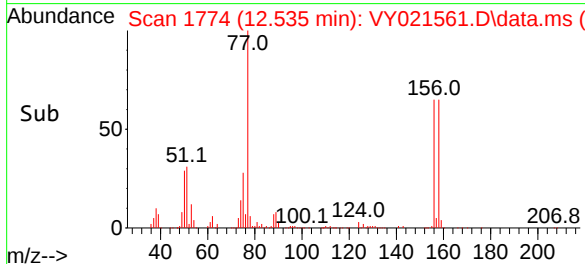
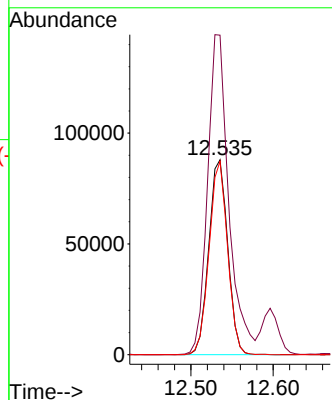
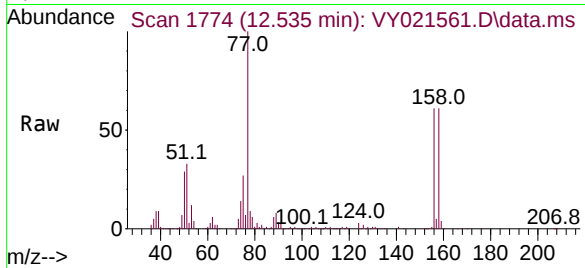




#77
Bromobenzene
Concen: 48.970 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

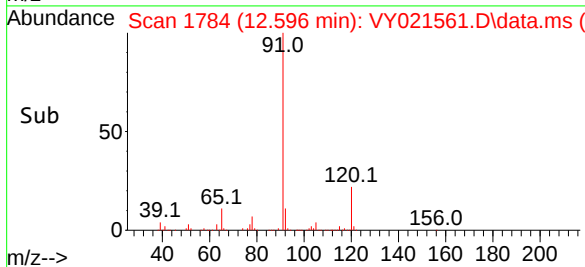
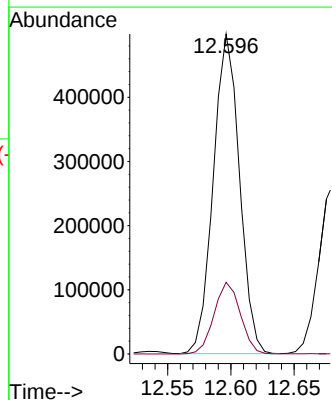
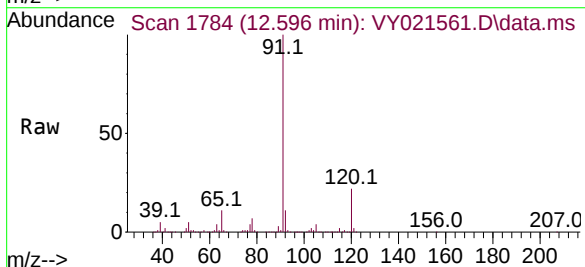
Instrument :
MSVOA_Y
ClientSampleId :

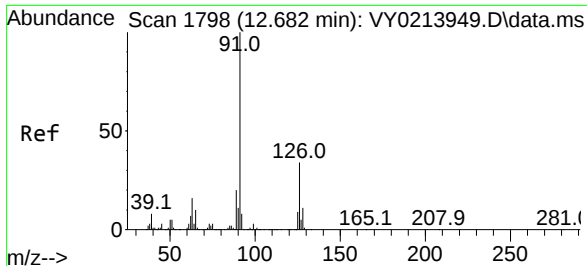
Tgt Ion:156 Resp: 141227
Ion Ratio Lower Upper
156 100
77 183.7 93.6 280.8
158 96.5 48.3 144.8



#78
n-propylbenzene
Concen: 47.854 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 91 Resp: 716420
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8

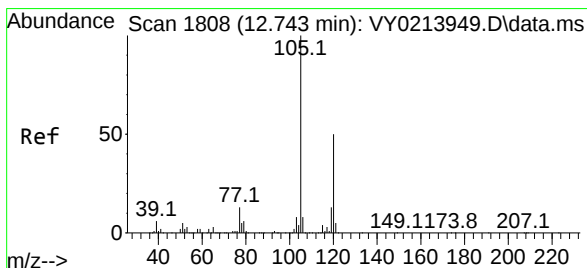
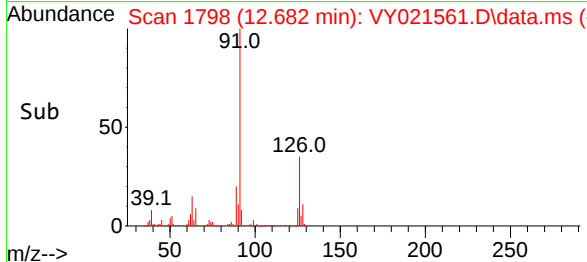
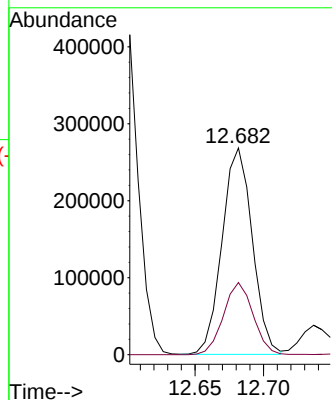
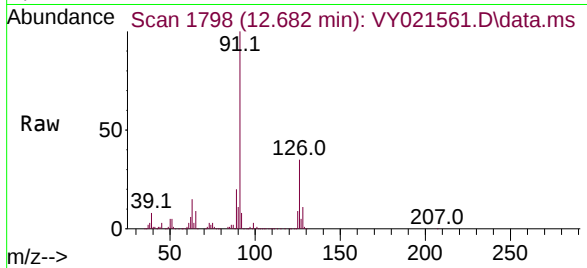




#79
2-Chlorotoluene
Concen: 48.098 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

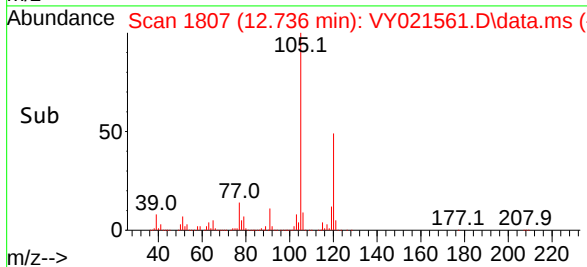
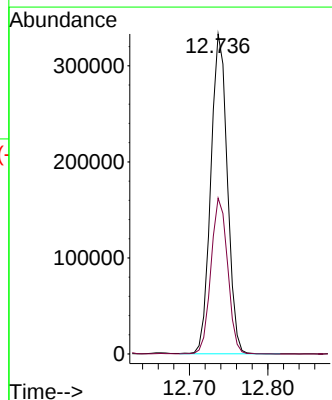
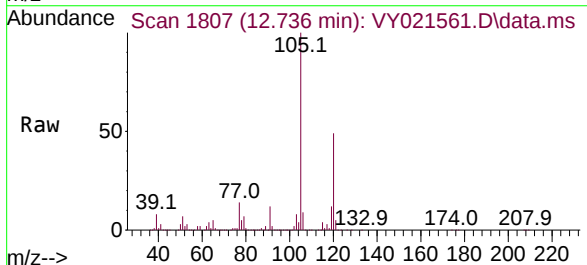
Instrument :
MSVOA_Y
ClientSampleId :

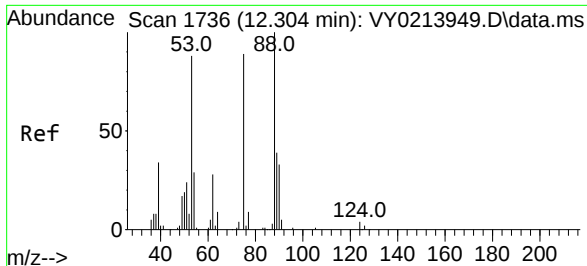
Tgt Ion: 91 Resp: 411740
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 48.684 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021561.D
Acq: 18 Mar 2025 15:47

Tgt Ion: 105 Resp: 487711
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6

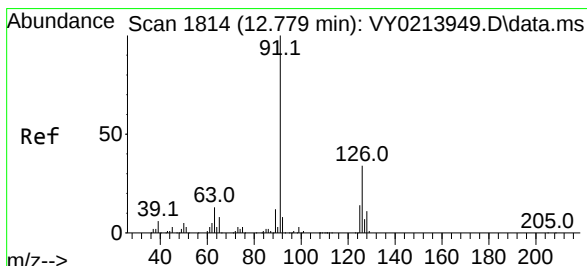
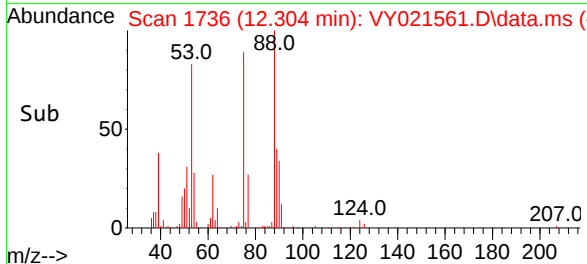
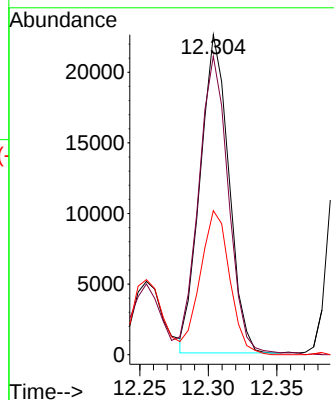
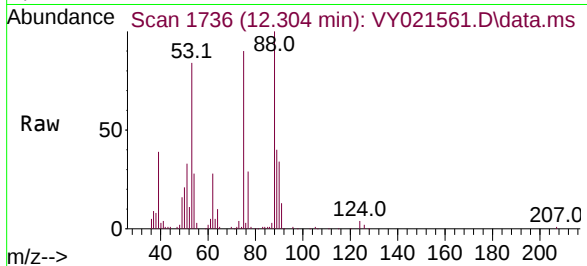




#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.116 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. -0.000 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

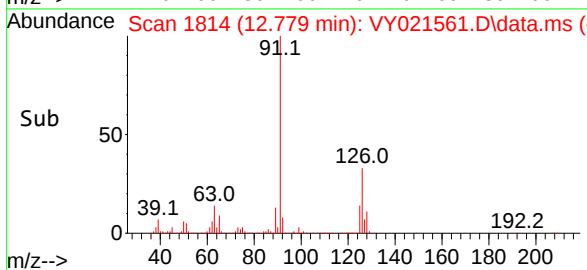
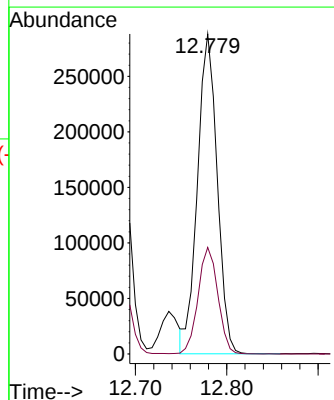
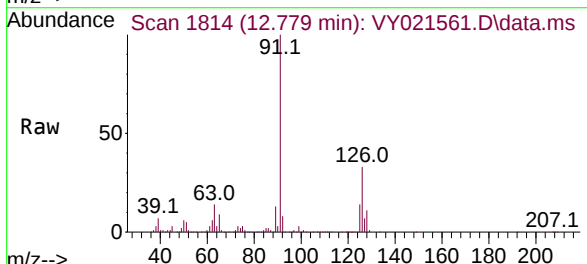
Instrument :
 MSVOA_Y
 ClientSampleId :

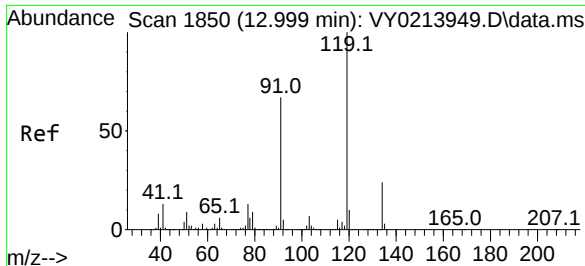
Tgt Ion: 75 Resp: 32683
 Ion Ratio Lower Upper
 75 100
 53 99.2 81.0 121.4
 89 46.5 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 48.695 ug/l
 RT: 12.779 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

Tgt Ion: 91 Resp: 431658
 Ion Ratio Lower Upper
 91 100
 126 33.5 17.0 51.0

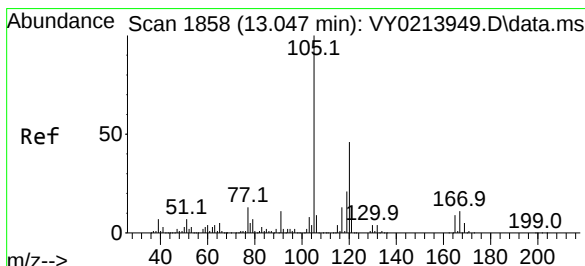
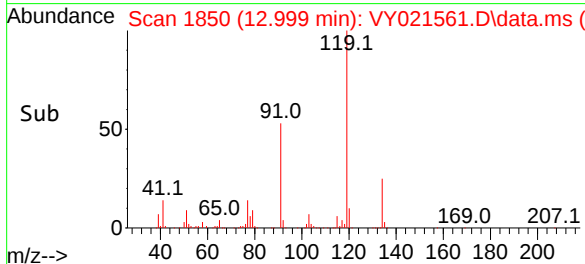
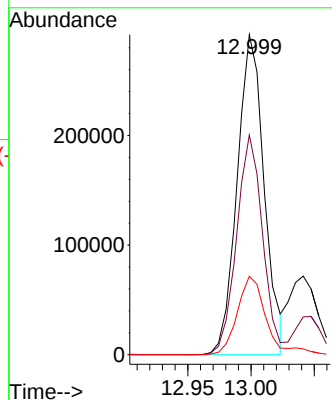
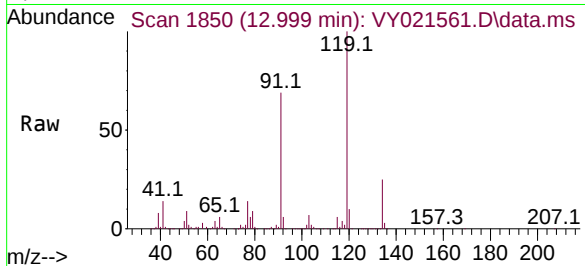




#83
 tert-Butylbenzene
 Concen: 48.519 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

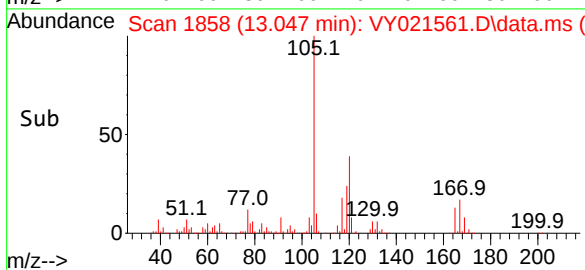
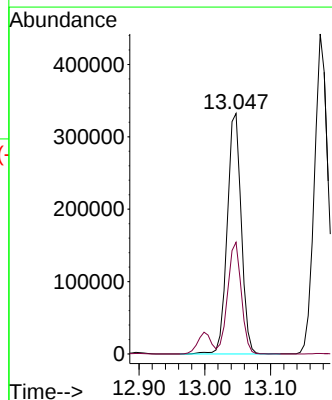
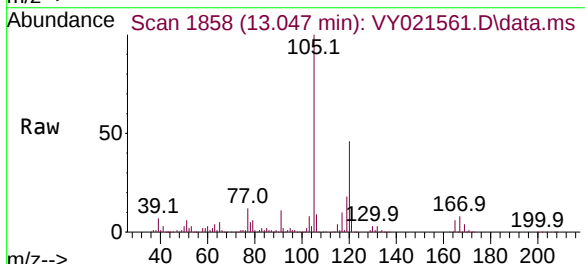
Instrument :
 MSVOA_Y
 ClientSampleId :

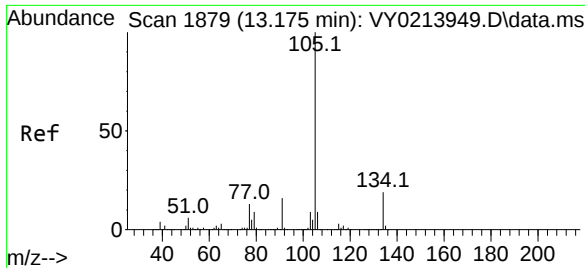
Tgt Ion:119 Resp: 433609
 Ion Ratio Lower Upper
 119 100
 91 65.7 33.2 99.6
 134 26.2 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.502 ug/l
 RT: 13.047 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

Tgt Ion:105 Resp: 492370
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.7 68.1

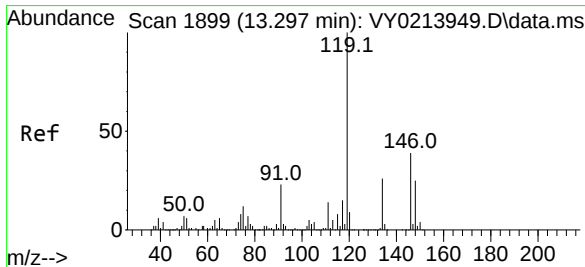
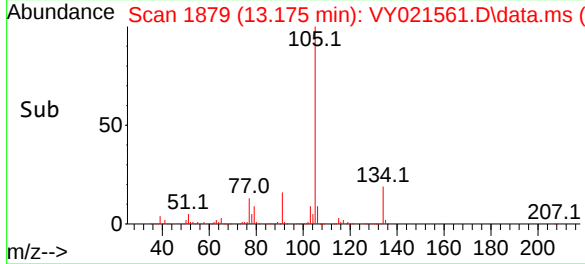
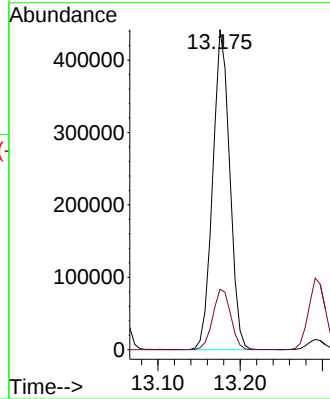
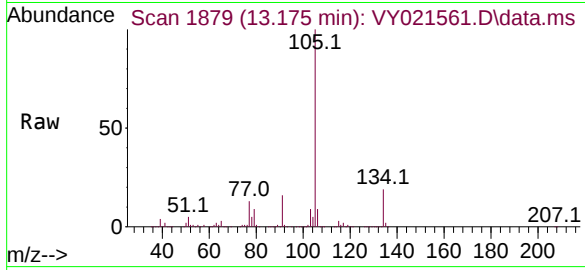




#85
 sec-Butylbenzene
 Concen: 47.776 ug/l
 RT: 13.175 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

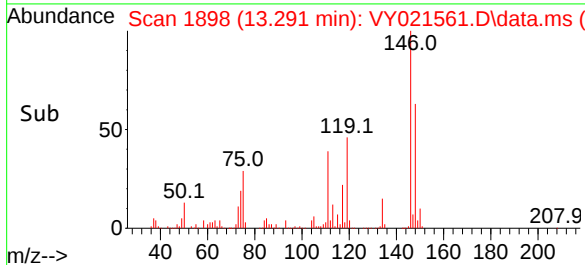
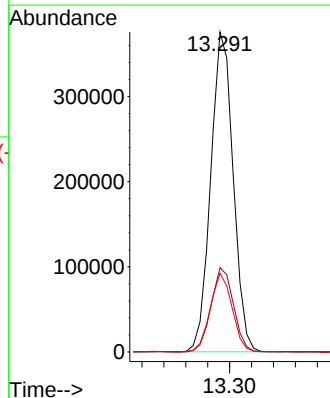
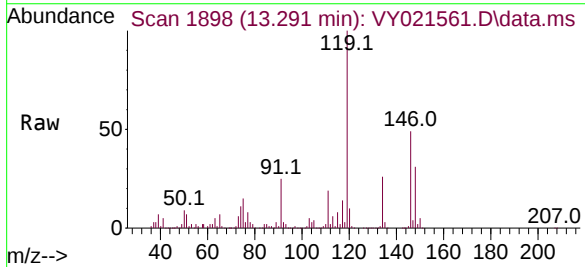
Instrument :
 MSVOA_Y
 ClientSampleId :

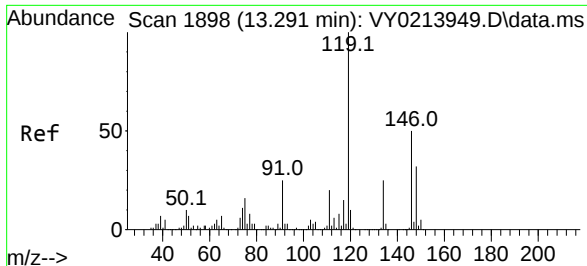
Tgt Ion:105 Resp: 635269
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 48.721 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

Tgt Ion:119 Resp: 533716
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 24.2 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 48.530 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

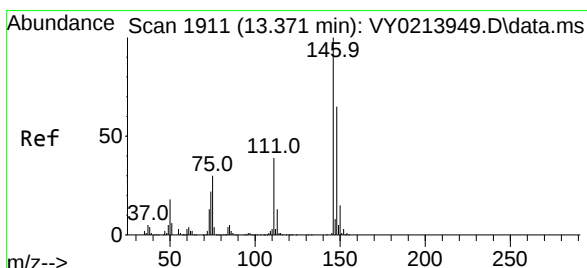
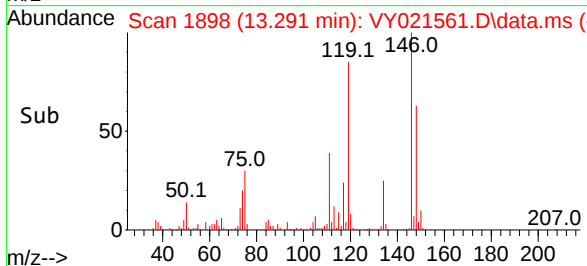
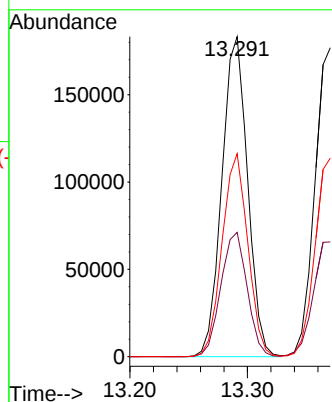
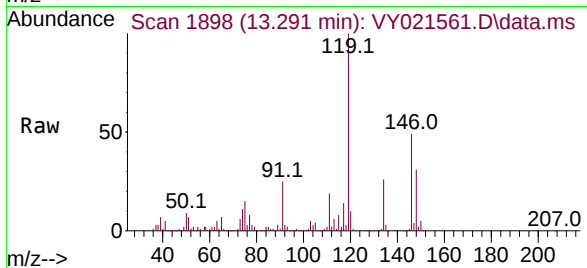
Tgt Ion:146 Resp: 278596

Ion Ratio Lower Upper

146 100

111 39.8 20.0 60.0

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.578 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

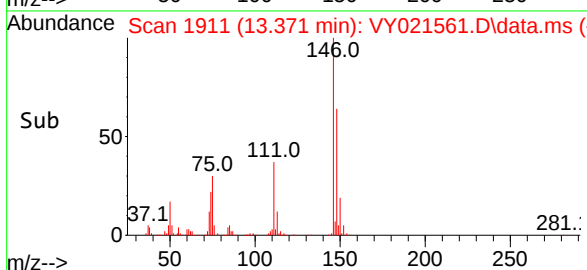
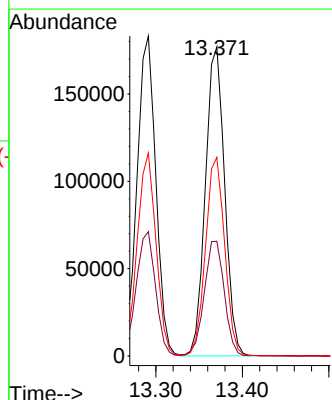
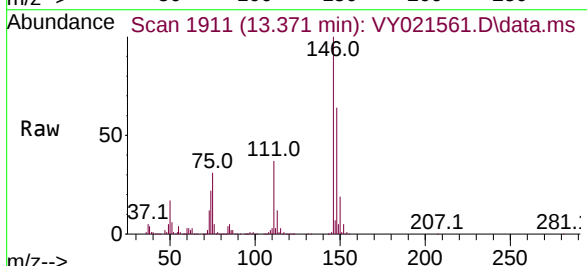
Tgt Ion:146 Resp: 272727

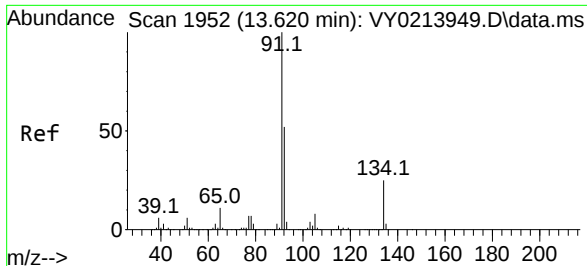
Ion Ratio Lower Upper

146 100

111 38.8 19.6 58.8

148 64.2 32.3 96.8





#89

n-Butylbenzene

Concen: 48.780 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

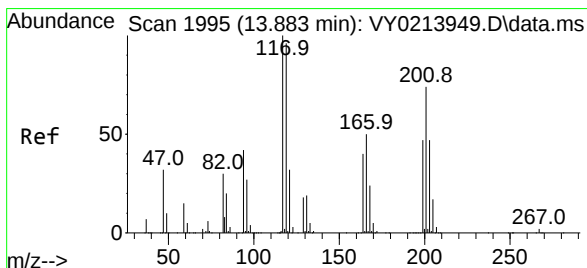
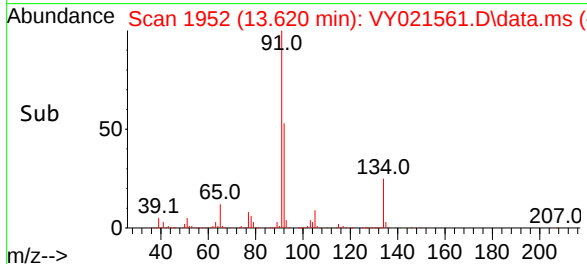
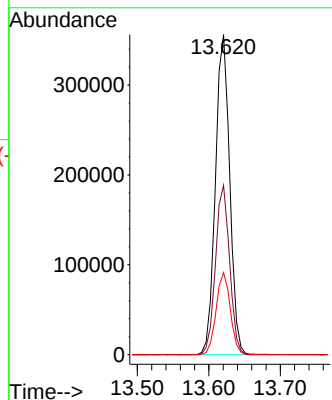
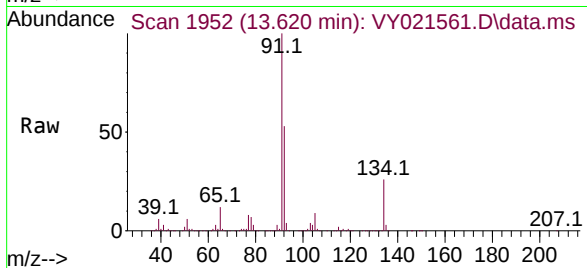
Tgt Ion: 91 Resp: 493433

Ion Ratio Lower Upper

91 100

92 52.4 26.1 78.3

134 25.4 12.6 37.8



#90

Hexachloroethane

Concen: 47.944 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY021561.D

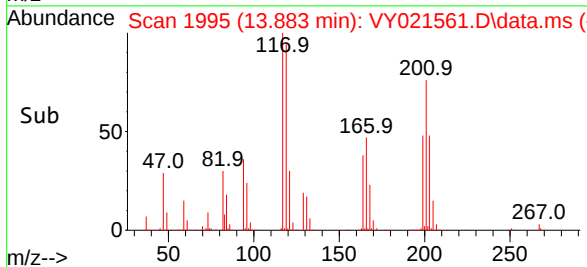
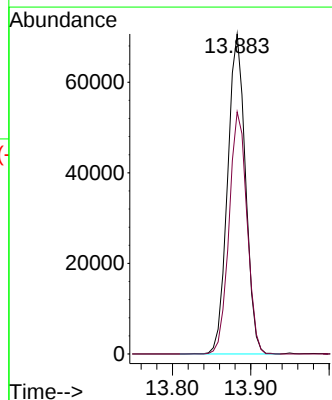
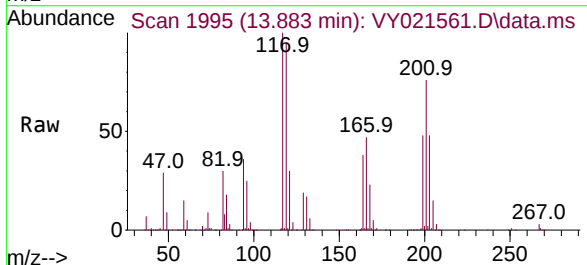
Acq: 18 Mar 2025 15:47

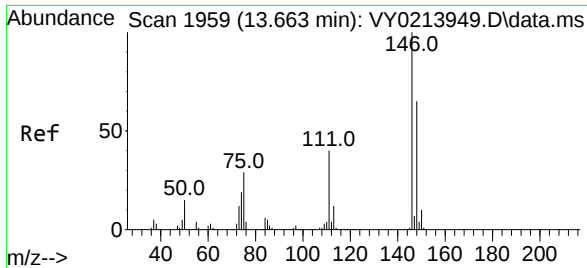
Tgt Ion: 117 Resp: 112043

Ion Ratio Lower Upper

117 100

201 75.6 37.4 112.2

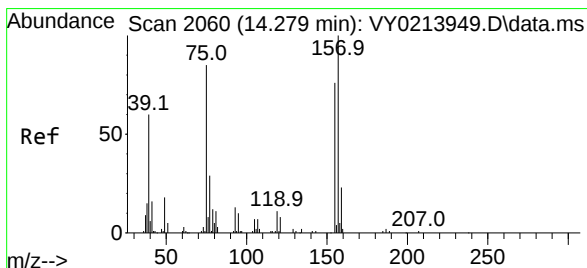
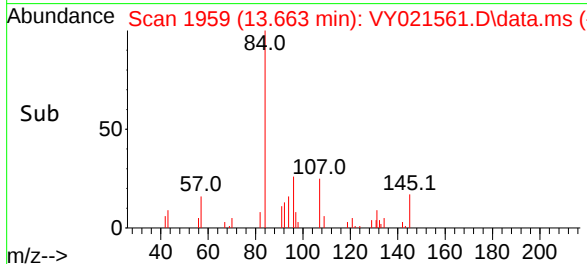
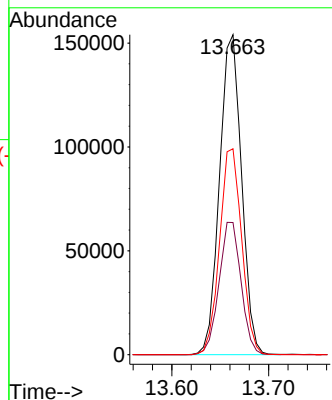
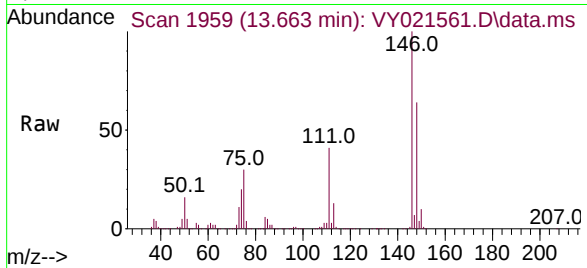




#91
 1,2-Dichlorobenzene
 Concen: 49.449 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

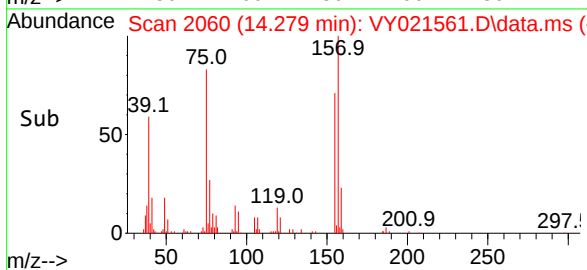
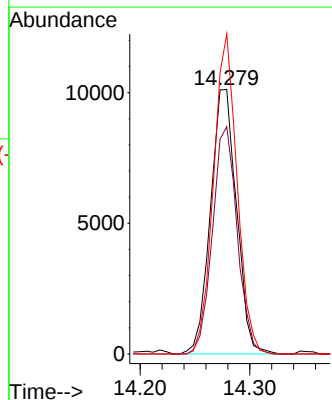
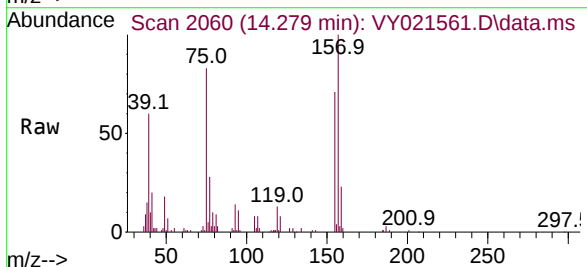
Instrument :
 MSVOA_Y
 ClientSampleId :

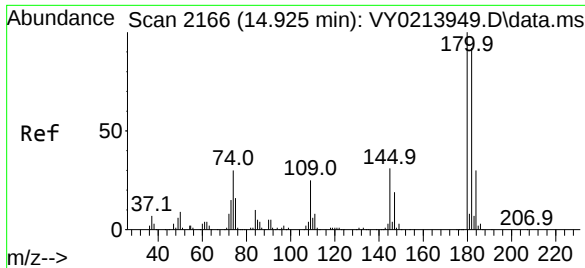
Tgt Ion:146 Resp: 243298
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 64.8 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.317 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

Tgt Ion: 75 Resp: 16722
 Ion Ratio Lower Upper
 75 100
 155 81.4 43.5 130.5
 157 109.3 54.4 163.2

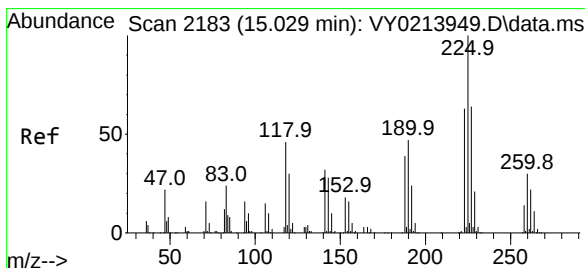
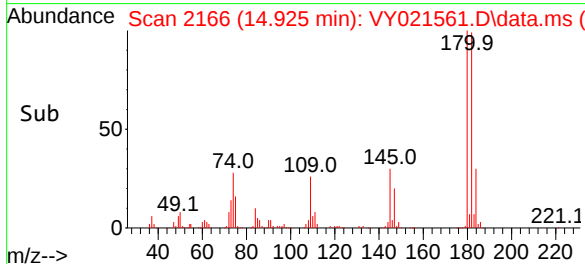
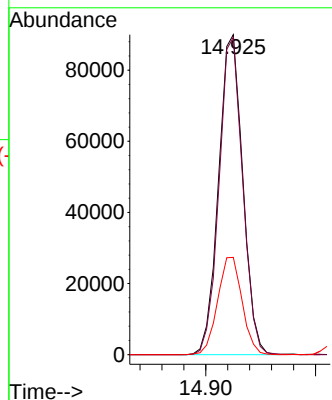
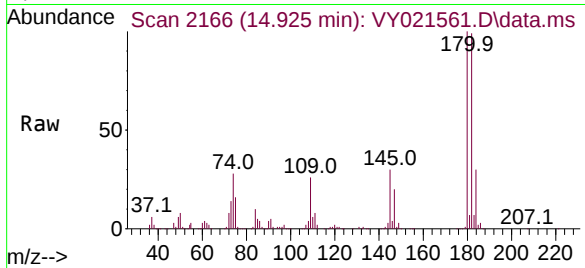




#93
 1,2,4-Trichlorobenzene
 Concen: 51.296 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

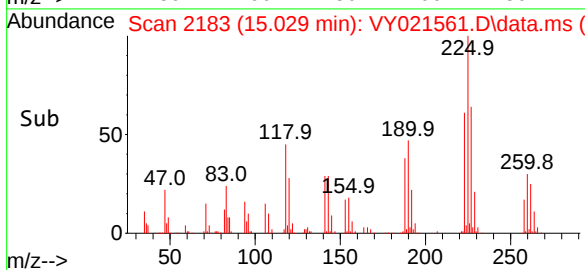
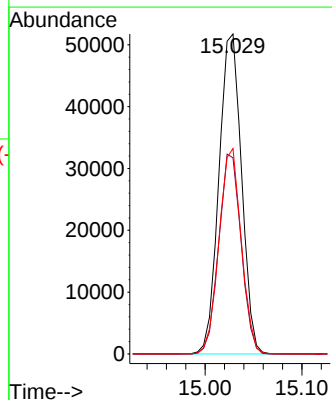
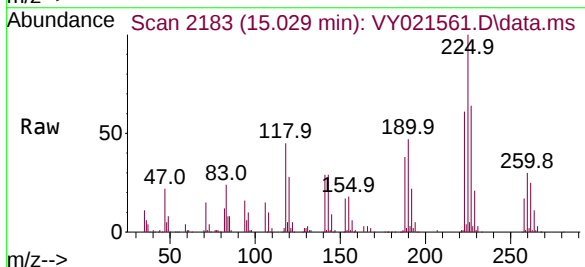
Instrument :
 MSVOA_Y
 ClientSampleId :

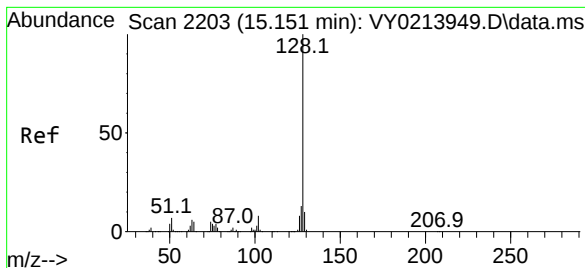
Tgt Ion:180 Resp: 137855
 Ion Ratio Lower Upper
 180 100
 182 96.5 46.7 140.0
 145 30.8 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 49.753 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. -0.000 min
 Lab File: VY021561.D
 Acq: 18 Mar 2025 15:47

Tgt Ion:225 Resp: 83814
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.4 94.2
 227 63.2 31.8 95.4





#95

Naphthalene

Concen: 53.290 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

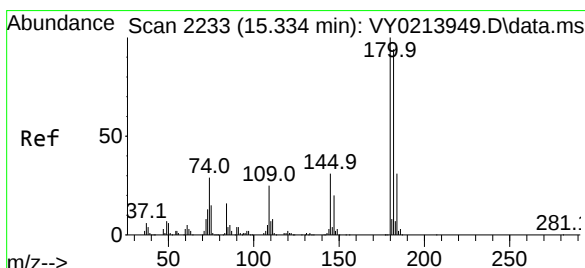
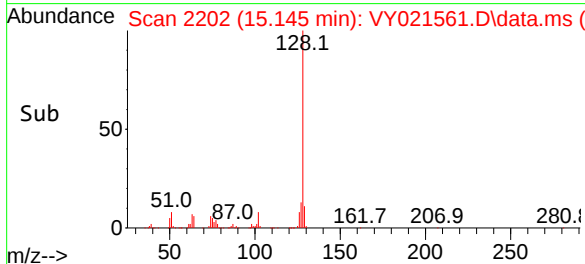
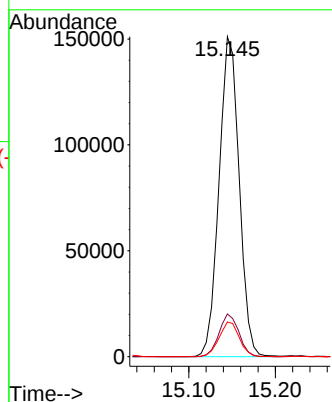
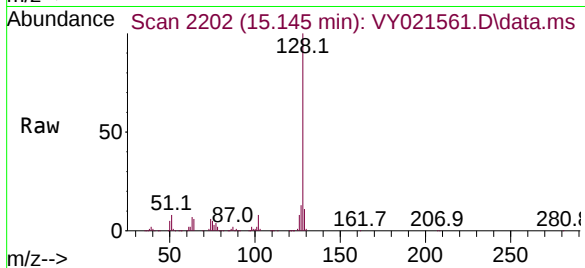
Tgt Ion:128 Resp: 244058

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.324 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021561.D

Acq: 18 Mar 2025 15:47

Tgt Ion:180 Resp: 118266

Ion Ratio Lower Upper

180 100

182 97.0 47.2 141.6

145 33.4 16.4 49.1

