

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008451.D
 Acq On : 21 Apr 2022 19:22
 Operator : KP/MD
 Sample : N2531-01RE
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 22 05:27:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	67797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	114515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	103694	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.544	152	60260	50.000	ug/l	0.12

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	36945	46.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.620%
35) Dibromofluoromethane	7.716	113	35563	48.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.179	98	381995	126.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	252.480%#
62) 4-Bromofluorobenzene	12.483	95	486969	489.329	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	978.660%#

Target Compounds			Qvalue			
11) Tert butyl alcohol	4.954	59	83	Below Cal	#	77
13) Acrolein	3.942	56	5833	68.680	ug/l #	77
15) Acrylonitrile	5.235	53	12334	53.747	ug/l #	39
16) Acetone	3.942	43	35272	189.835	ug/l #	88
17) Carbon Disulfide	4.192	76	17429	7.866	ug/l #	94
20) Methylene Chloride	4.716	84	1824	Below Cal	#	1
25) 2-Butanone	6.978	43	17866	62.153	ug/l #	86
26) 2,2-Dichloropropane	6.795	77	5287	3.970	ug/l #	55
31) Cyclohexane	7.783	56	734664	560.208	ug/l #	85
36) 1,1-Dichloropropene	7.789	75	5949	5.060	ug/l #	1
37) Ethyl Acetate	6.978	43	17866	27.479	ug/l #	72
38) Carbon Tetrachloride	7.783	117	6728	5.508	ug/l #	15
39) Methylcyclohexane	9.185	83	3065726	2036.693	ug/l #	79
40) Benzene	8.161	78	38247	11.151	ug/l	96
41) Methacrylonitrile	7.527	41	11225	35.602	ug/l #	42
42) 1,2-Dichloroethane	8.277	62	1190	1.152	ug/l #	1
43) Isopropyl Acetate	8.271	43	109505	91.580	ug/l #	57
45) 1,2-Dichloropropane	9.185	63	24557	29.816	ug/l #	1
46) Dibromomethane	9.185	93	2021	3.502	ug/l #	1
47) Bromodichloromethane	9.606	83	36087	29.461	ug/l #	44
48) Methyl methacrylate	9.240	41	88937	174.931	ug/l #	37
51) 4-Methyl-2-Pentanone	10.112	43	8706	13.841	ug/l #	87
52) Toluene	10.246	92	196974	86.843	ug/l	95
55) 1,1,2-Trichloroethane	10.618	97	598525	759.973	ug/l #	19
56) Ethyl methacrylate	10.520	69	248314	244.190	ug/l #	24
58) 2-Chloroethyl Vinyl ether	9.764	63	840	1.507	ug/l #	48
59) 2-Hexanone	10.807	43	848585	1960.406	ug/l #	34
60) Dibromochloromethane	10.910	129	4530	5.006	ug/l	66
61) 1,2-Dibromoethane	11.093	107	2542	3.263	ug/l #	1
65) Chlorobenzene	11.416	112	28542	12.173	ug/l #	44
67) Ethyl Benzene	11.593	91	832118	204.494	ug/l	96
68) m/p-Xylenes	11.703	106	1820640	1117.006	ug/l	89
69) o-Xylene	12.032	106	2029013	1293.036	ug/l	88
70) Styrene	12.032	104	96586	36.525	ug/l #	1
73) Isopropylbenzene	12.337	105	1975605	432.405	ug/l	97
74) N-amyl acetate	12.130	43	2451887	2171.916	ug/l #	73

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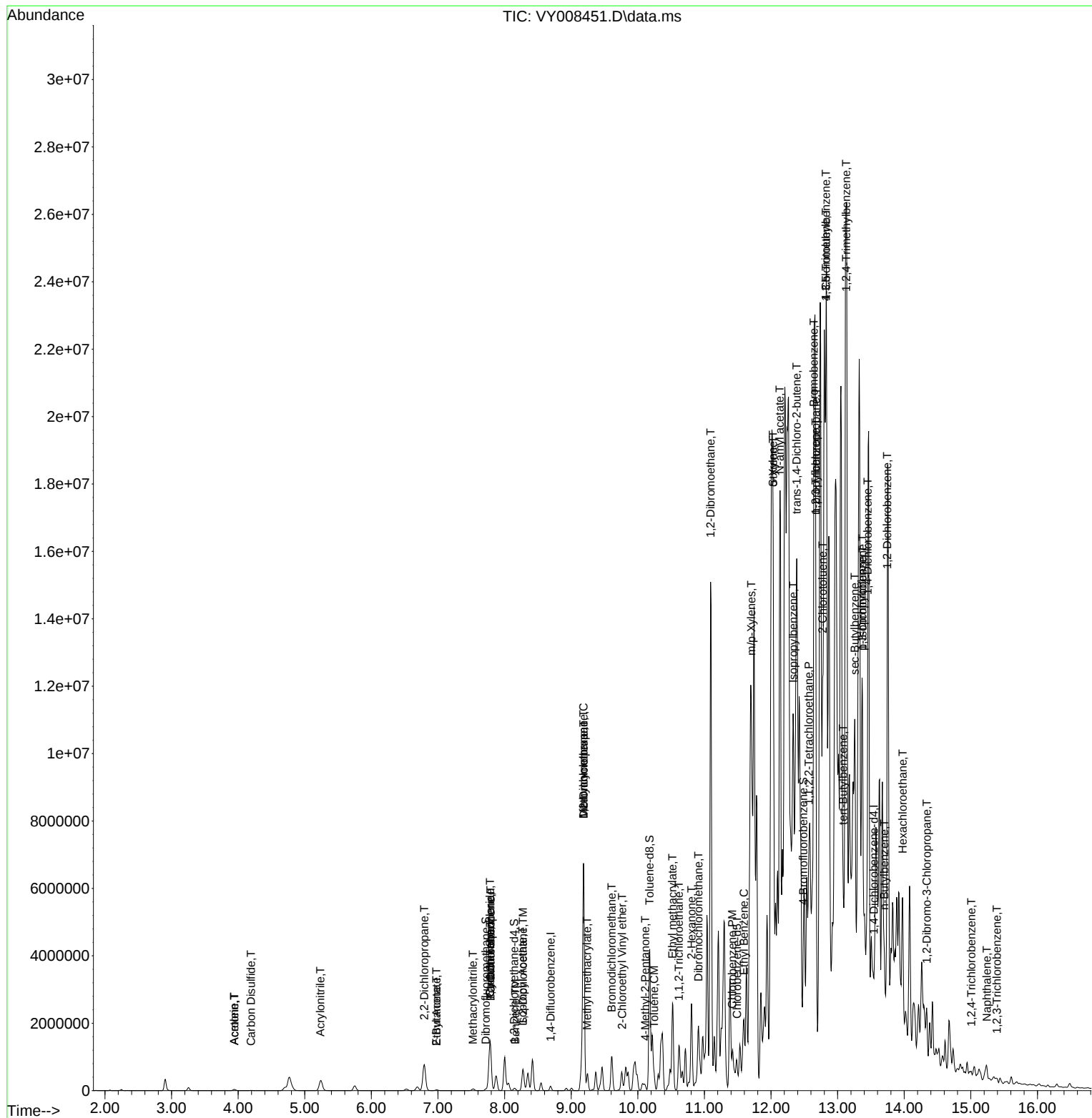
75) 1,1,2,2-Tetrachloroethane	12.569	83	462584	453.141	ug/l #	26
76) 1,2,3-Trichloropropane	12.672	75	22274	28.561	ug/l #	100
77) Bromobenzene	12.642	156	1179	1.058	ug/l #	1
78) n-propylbenzene	12.672	91	3580275	653.305	ug/l	94
79) 2-Chlorotoluene	12.776	91	354572	114.956	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.825	105	6139421	1618.883	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.386	75	875	2.603	ug/l #	1
82) 4-Chlorotoluene	12.825	91	713504	223.231	ug/l #	65
83) tert-Butylbenzene	13.081	119	220774	67.061	ug/l	88
84) 1,2,4-Trimethylbenzene	13.129	105	14153742	3761.455	ug/l	83
85) sec-Butylbenzene	13.258	105	2233873	449.617	ug/l #	65
86) p-Isopropyltoluene	13.373	119	2238735	538.041	ug/l	96
87) 1,3-Dichlorobenzene	13.373	146	4577	2.052	ug/l #	1
88) 1,4-Dichlorobenzene	13.453	146	6891	3.118	ug/l #	1
89) n-Butylbenzene	13.703	91	645606	170.952	ug/l #	68
90) Hexachloroethane	13.977	117	140564	187.903	ug/l #	6
91) 1,2-Dichlorobenzene	13.745	146	48104	24.251	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.337	75	4053	26.419	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.007	180	1586	1.436	ug/l #	1
95) Naphthalene	15.239	128	386778	154.522	ug/l	99
96) 1,2,3-Trichlorobenzene	15.391	180	4876	5.045	ug/l #	1

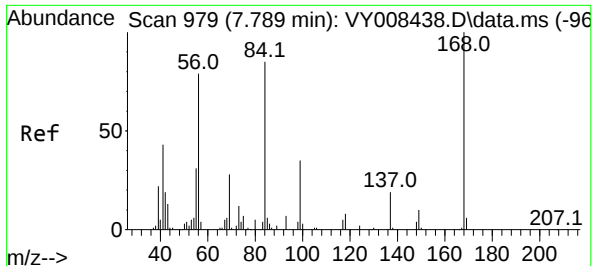
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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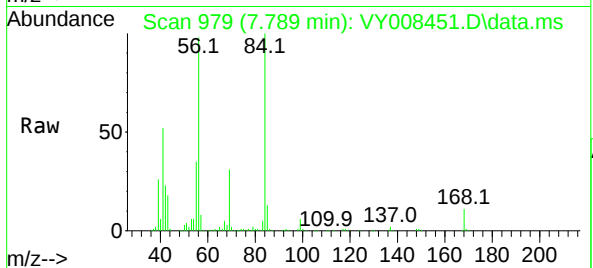
Quant Time: Apr 22 05:27:44 2022
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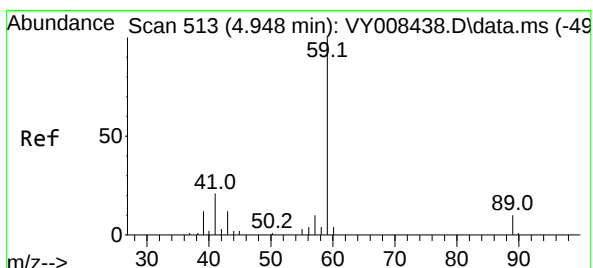
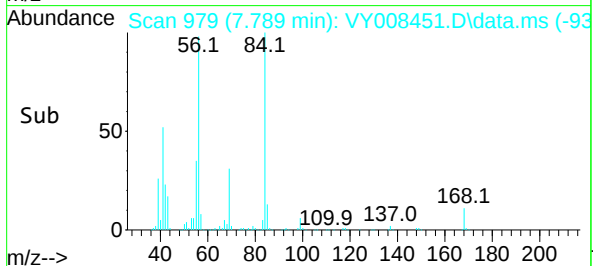
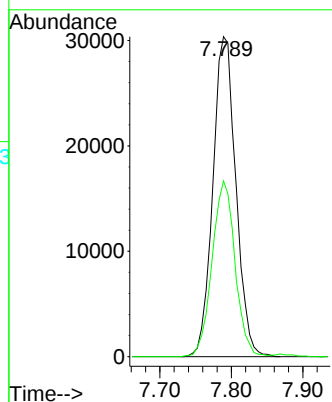


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008451.D
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Instrument :
MSVOA_Y
ClientSampleId :

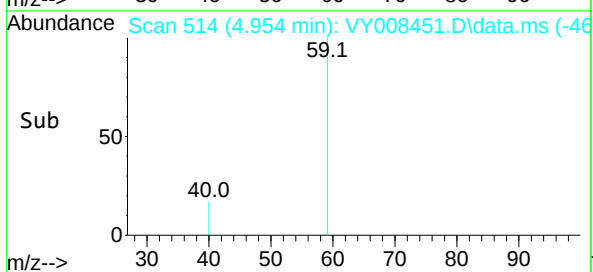
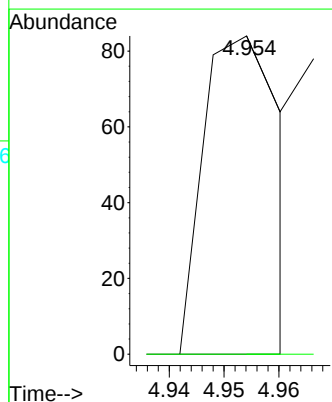
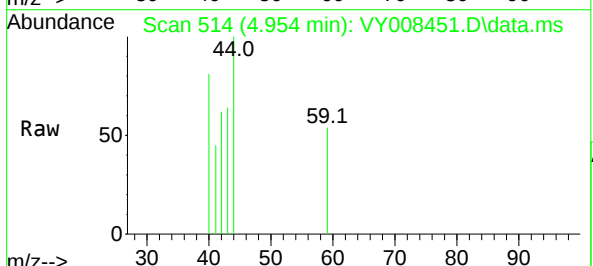


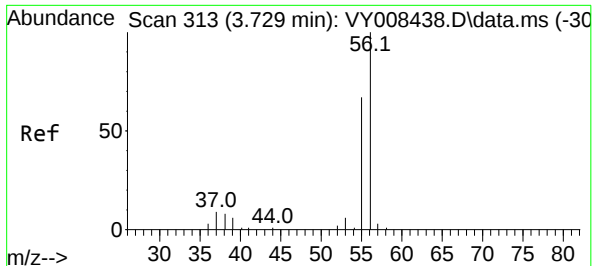
Tgt Ion:168 Resp: 67797
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion: 59 Resp: 83
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#13

Acrolein

Concen: 68.680 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.213 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

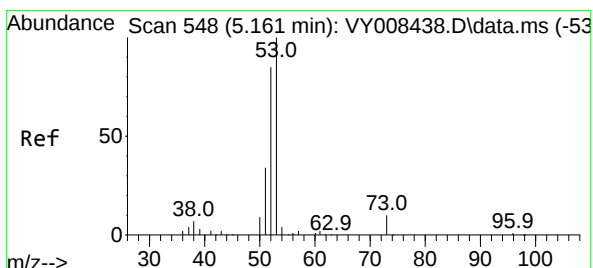
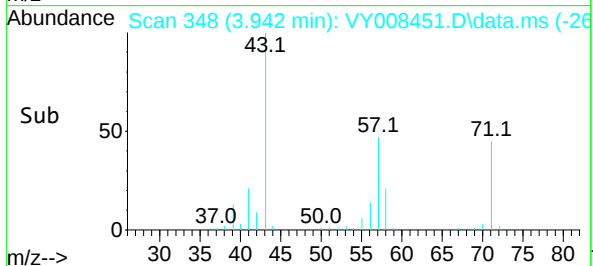
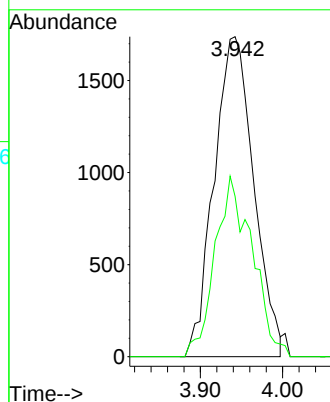
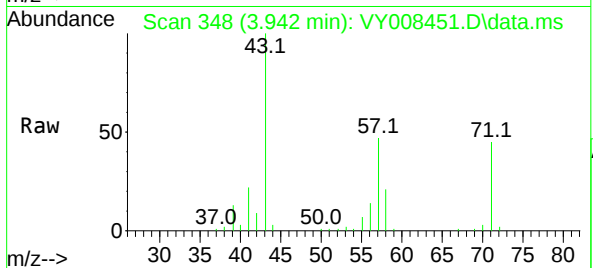
ClientSampleId :

Tgt Ion: 56 Resp: 5833

Ion Ratio Lower Upper

56 100

55 52.9 57.6 86.4#



#15

Acrylonitrile

Concen: 53.747 ug/l

RT: 5.235 min Scan# 560

Delta R.T. 0.074 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

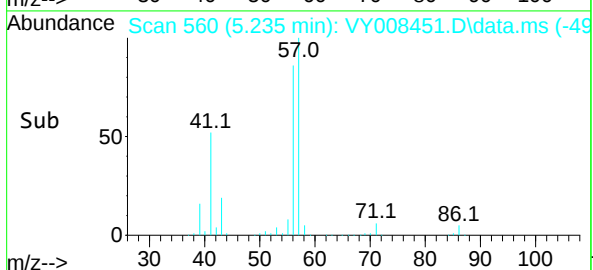
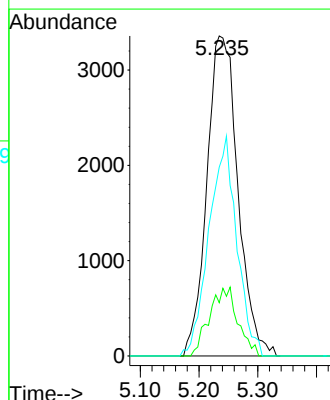
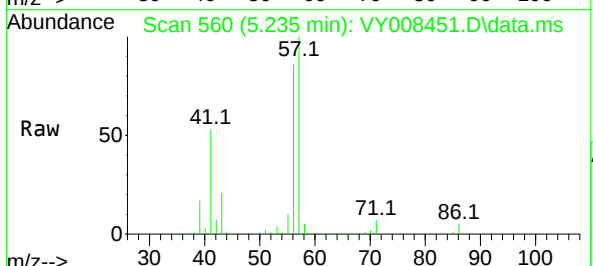
Tgt Ion: 53 Resp: 12334

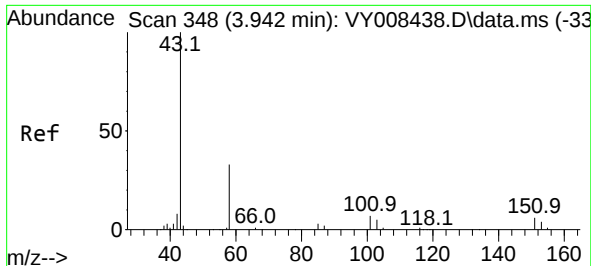
Ion Ratio Lower Upper

53 100

52 19.6 67.0 100.4#

51 61.3 29.8 44.6#

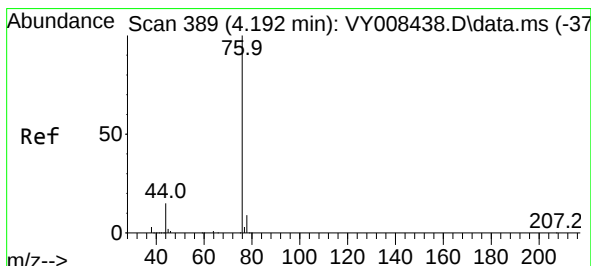
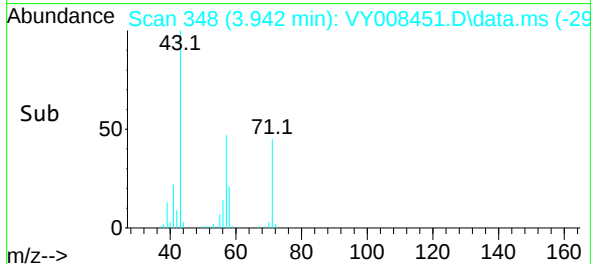
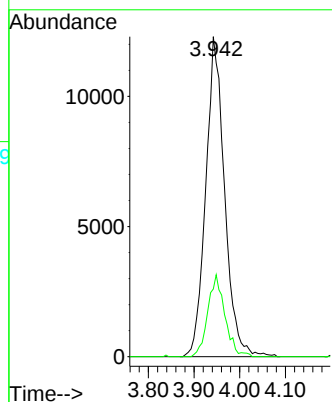
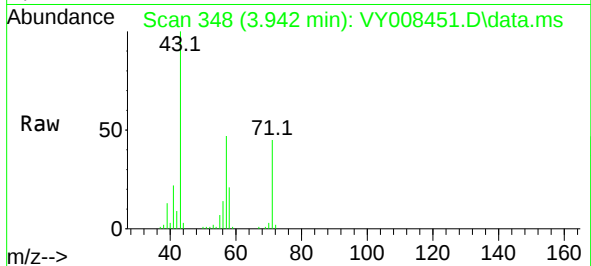




#16
Acetone
Concen: 189.835 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

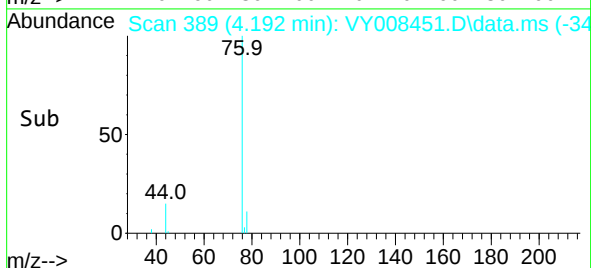
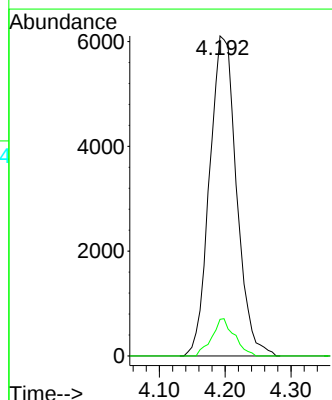
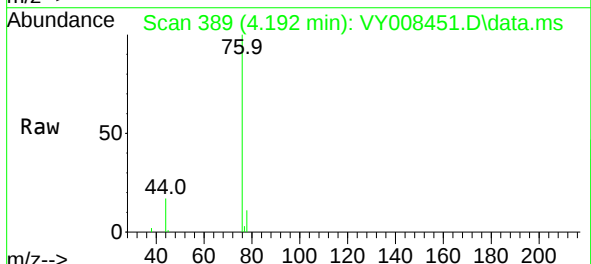
Instrument :
MSVOA_Y
ClientSampleId :

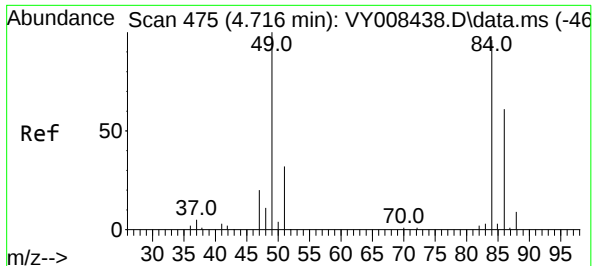
Tgt Ion: 43 Resp: 35272
Ion Ratio Lower Upper
43 100
58 21.1 22.0 33.0#



#17
Carbon Disulfide
Concen: 7.866 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

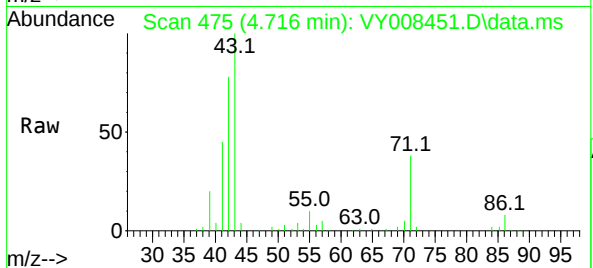
Tgt Ion: 76 Resp: 17429
Ion Ratio Lower Upper
76 100
78 11.4 7.4 11.0#





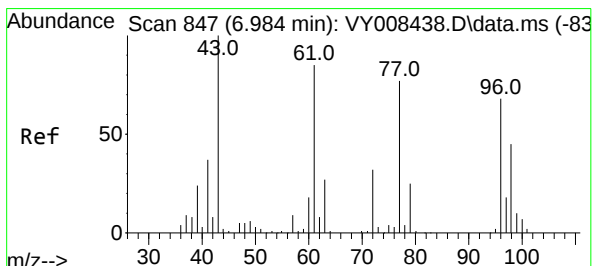
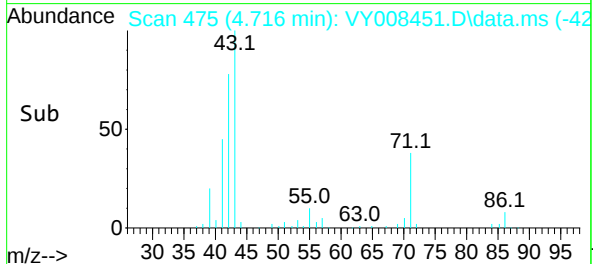
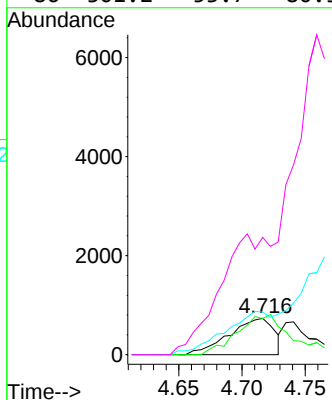
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1824

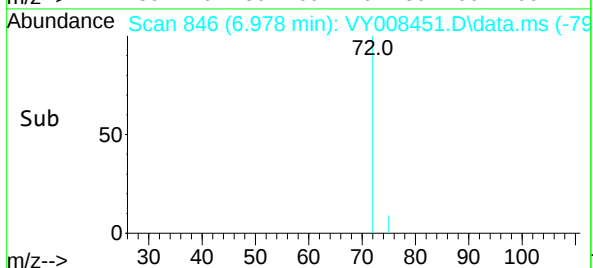
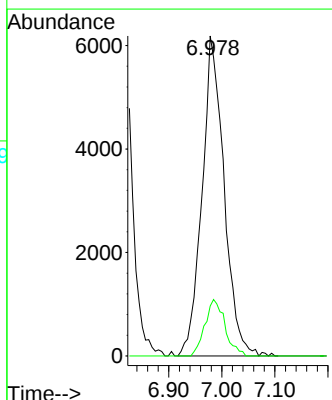
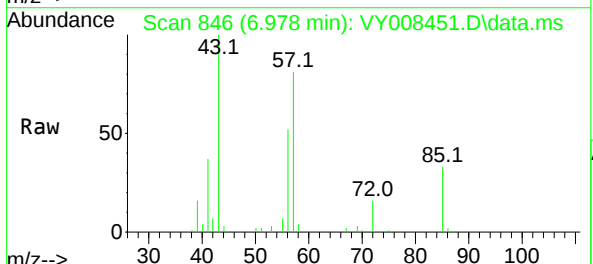
Ion	Ratio	Lower	Upper
84	100		
49	99.3	114.4	171.6#
51	106.1	35.3	52.9#
86	301.2	53.7	80.5#

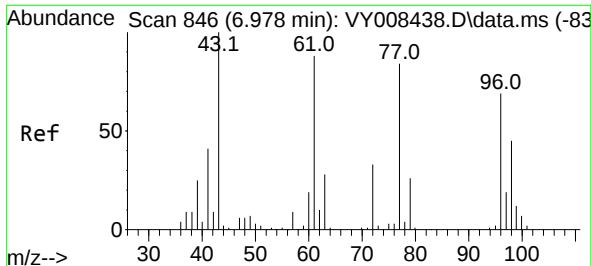


#25
2-Butanone
Concen: 62.153 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion: 43 Resp: 17866

Ion	Ratio	Lower	Upper
43	100		
72	15.6	17.7	26.5#

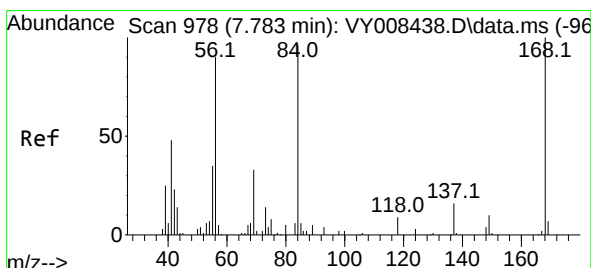
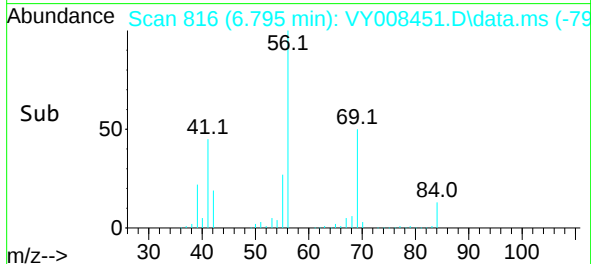
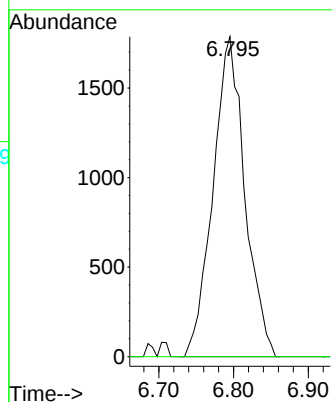
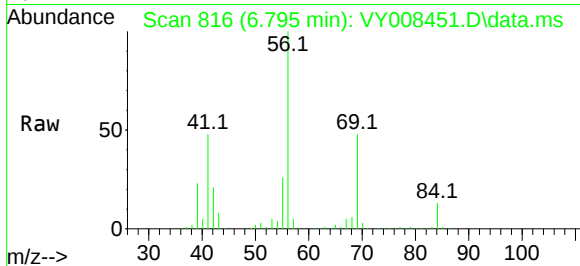




#26
2,2-Dichloropropane
Concen: 3.970 ug/l
RT: 6.795 min Scan# 816
Delta R.T. -0.183 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

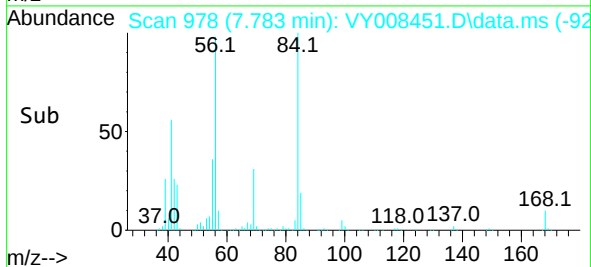
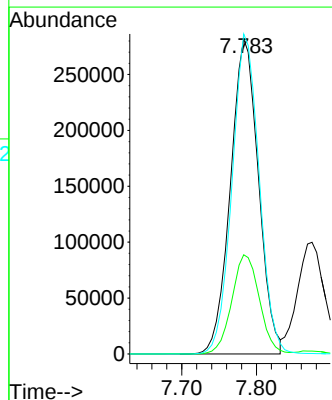
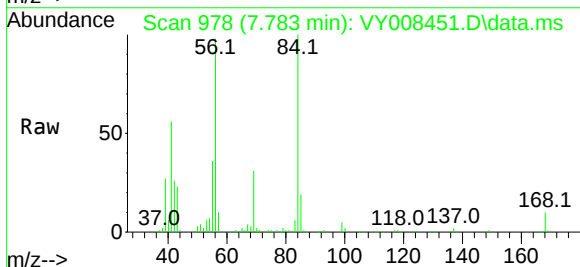
Instrument :
MSVOA_Y
ClientSampleId :

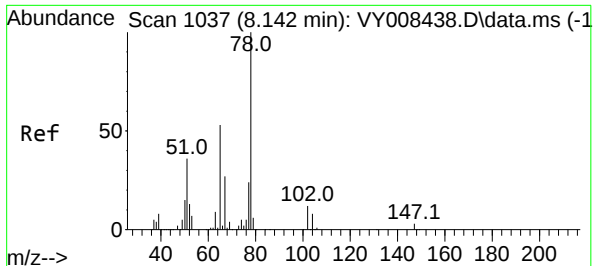
Tgt Ion: 77 Resp: 5287
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 560.208 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion: 56 Resp: 734664
Ion Ratio Lower Upper
56 100
69 31.5 26.7 40.1
84 101.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 46.314 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

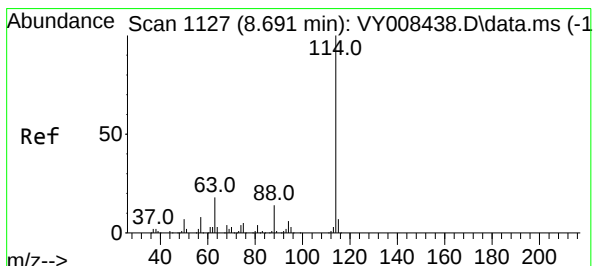
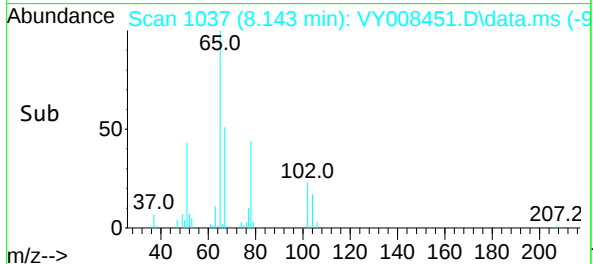
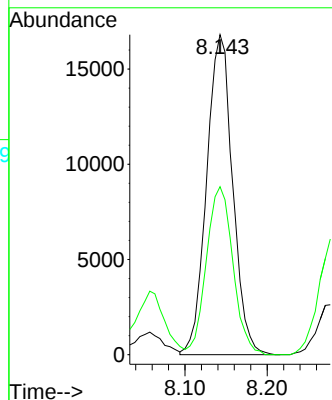
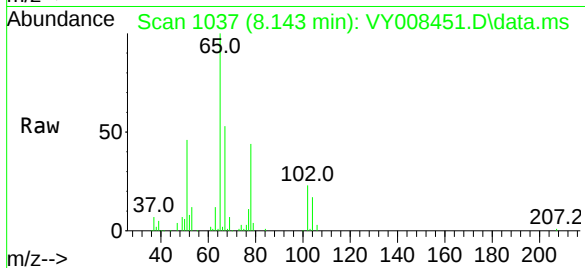
ClientSampleId :

Tgt Ion: 65 Resp: 36945

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

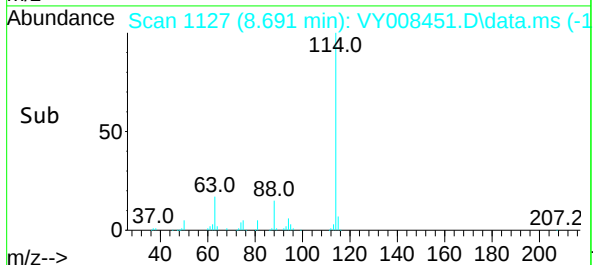
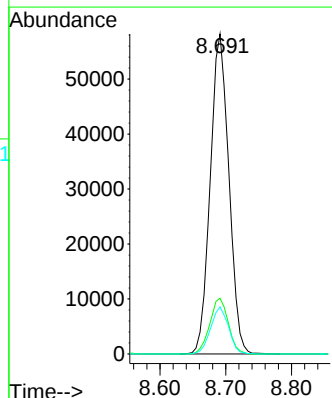
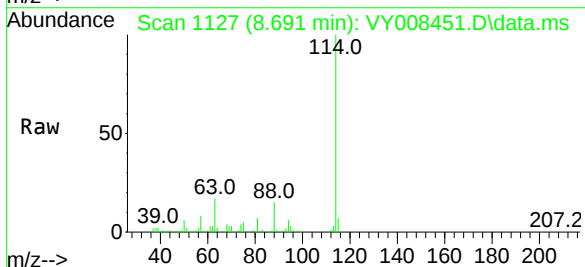
Tgt Ion: 114 Resp: 114515

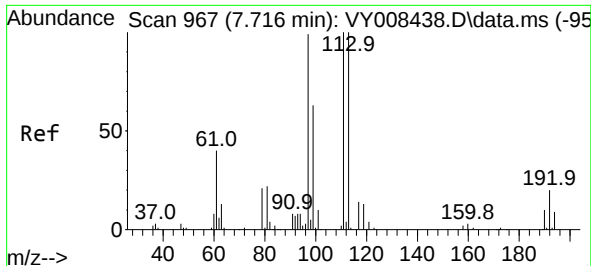
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

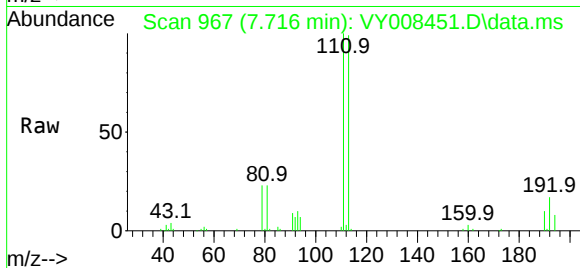
88 14.7 0.0 31.8



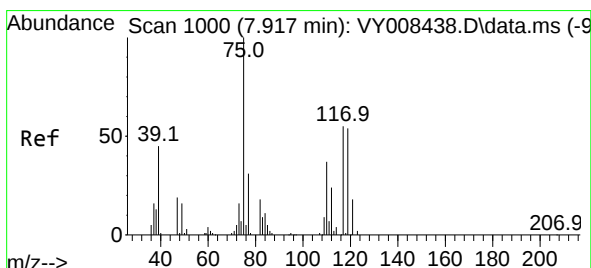
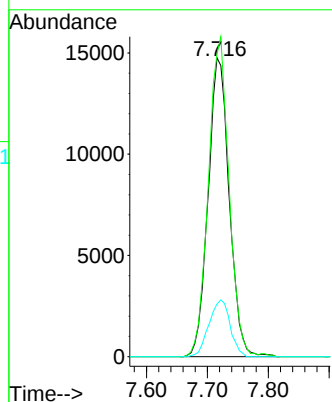
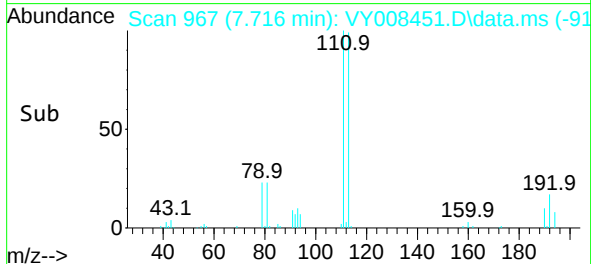


#35
Dibromofluoromethane
Concen: 48.119 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

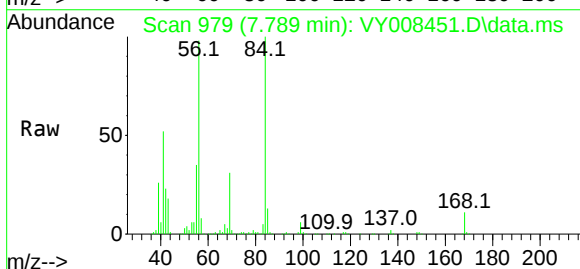
Instrument :
MSVOA_Y
ClientSampleId :



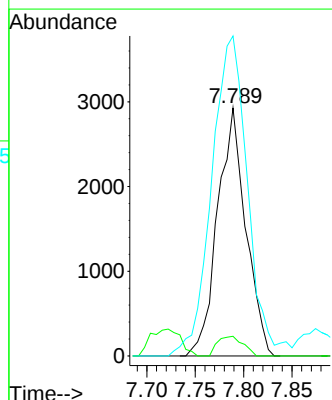
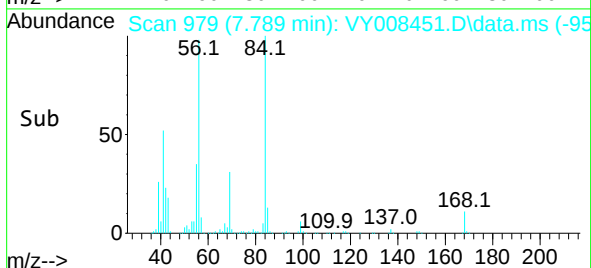
Tgt Ion:113 Resp: 35563
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 19.0 17.6 26.4

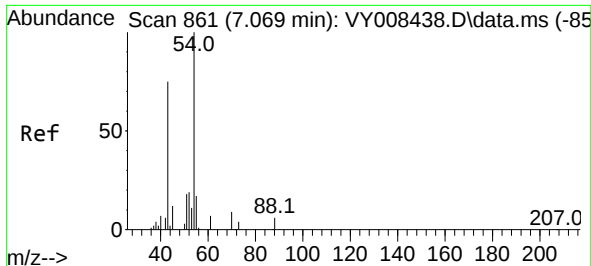


#36
1,1-Dichloropropene
Concen: 5.060 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22



Tgt Ion: 75 Resp: 5949
Ion Ratio Lower Upper
75 100
110 7.2 17.1 51.2#
77 162.1 24.4 36.6#





#37

Ethyl Acetate

Concen: 27.479 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.091 min

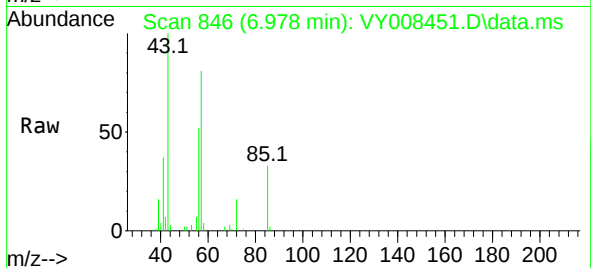
Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

ClientSampleId :



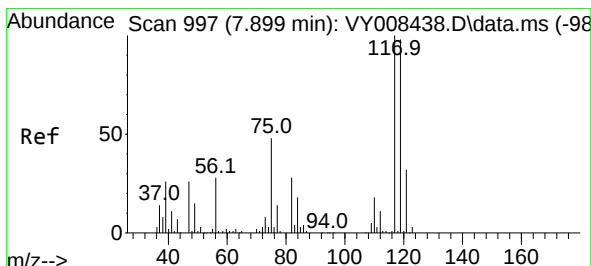
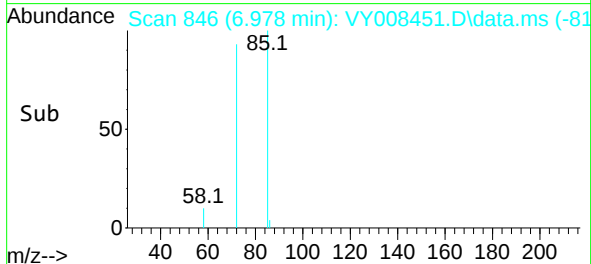
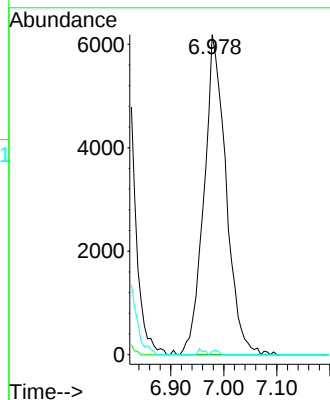
Tgt Ion: 43 Resp: 17866

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.508 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

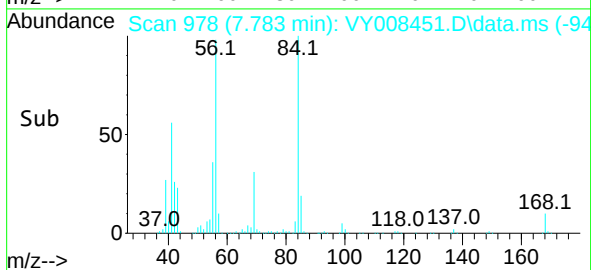
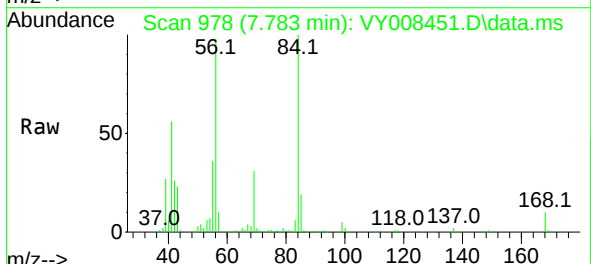
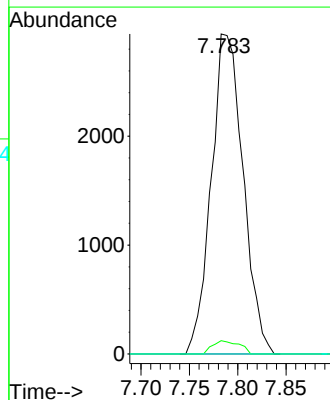
Tgt Ion: 117 Resp: 6728

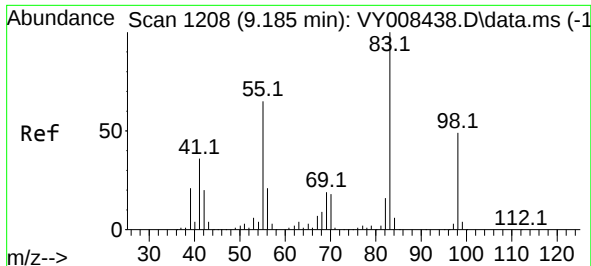
Ion Ratio Lower Upper

117 100

119 4.2 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 2036.693 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

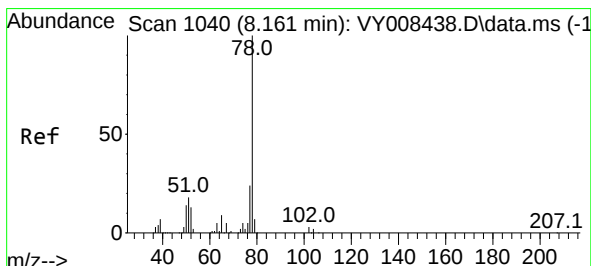
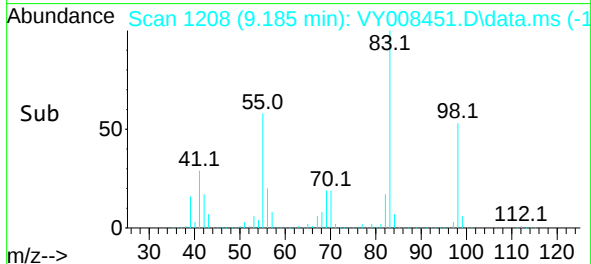
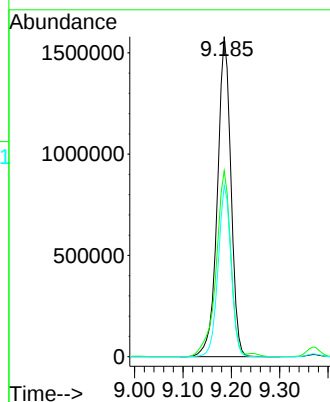
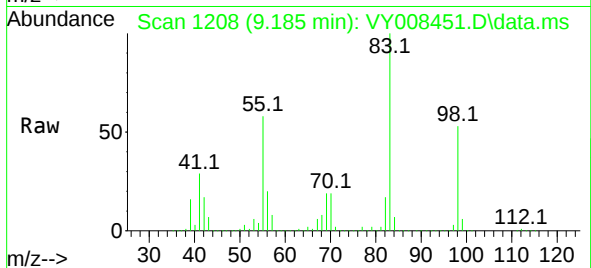
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83 Resp: 3065726

Ion	Ratio	Lower	Upper
83	100		
55	58.1	66.5	99.7#
98	53.5	37.9	56.9



#40

Benzene

Concen: 11.151 ug/l

RT: 8.161 min Scan# 1040

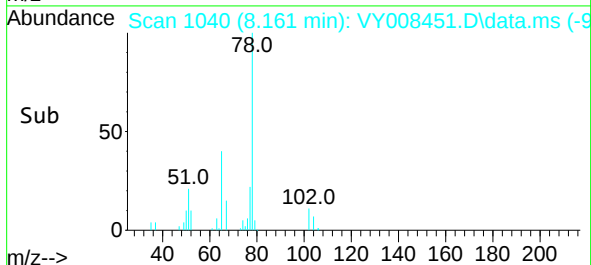
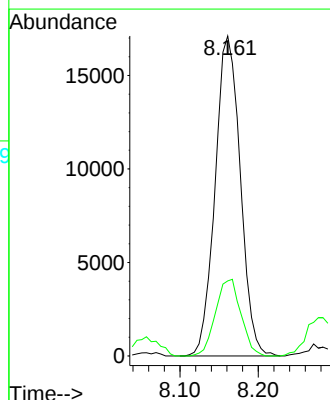
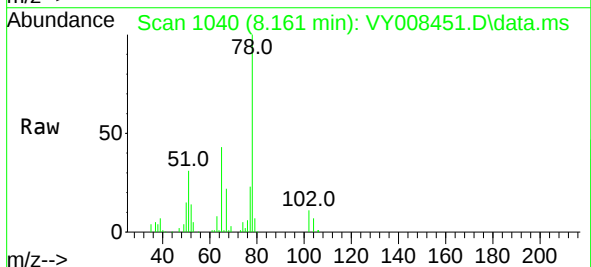
Delta R.T. -0.000 min

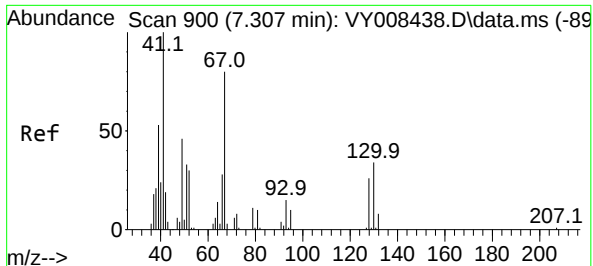
Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Tgt Ion: 78 Resp: 38247

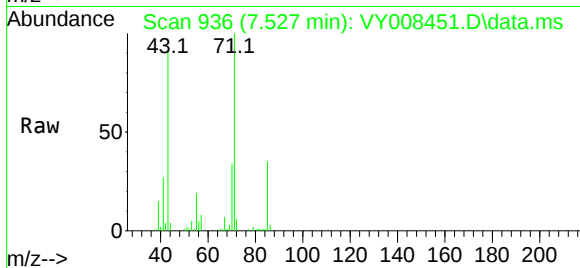
Ion	Ratio	Lower	Upper
78	100		
77	23.4	20.4	30.6



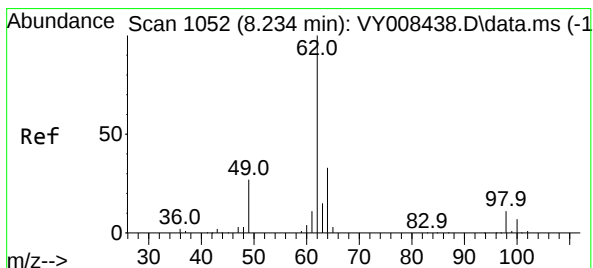
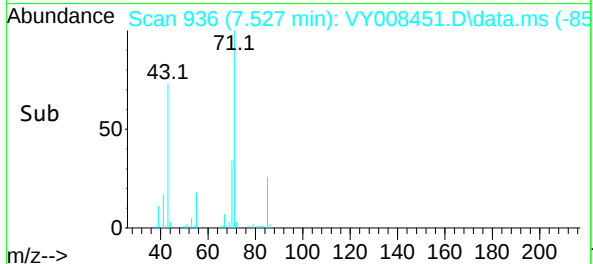
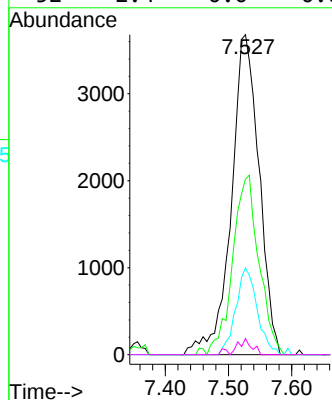


#41
Methacrylonitrile
Concen: 35.602 ug/l
RT: 7.527 min Scan# 91
Delta R.T. 0.220 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Instrument :
MSVOA_Y
ClientSampleId :

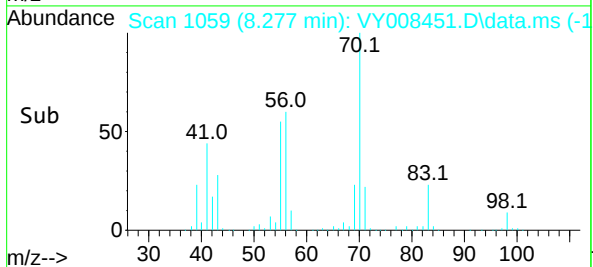
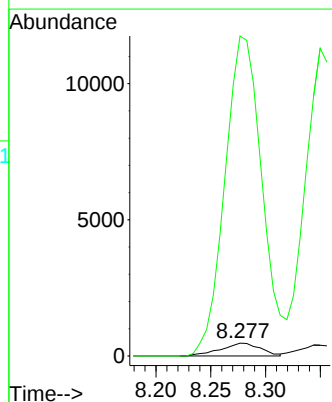
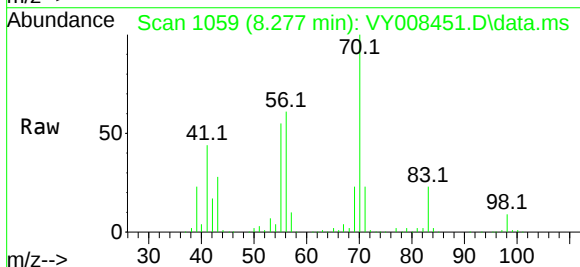


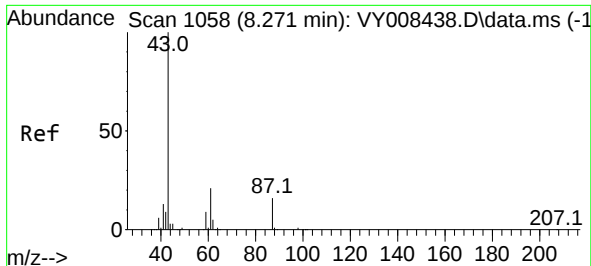
Tgt Ion: 41 Resp: 11225
Ion Ratio Lower Upper
41 100
39 53.4 92.9 139.3#
67 20.9 0.0 0.0#
52 2.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 1.152 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.043 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

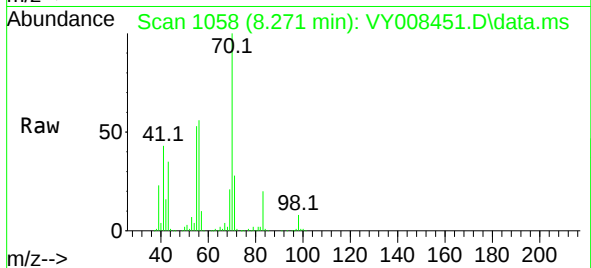
Tgt Ion: 62 Resp: 1190
Ion Ratio Lower Upper
62 100
98 2331.4 0.0 14.8#



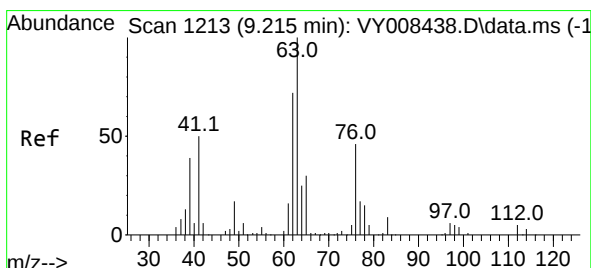
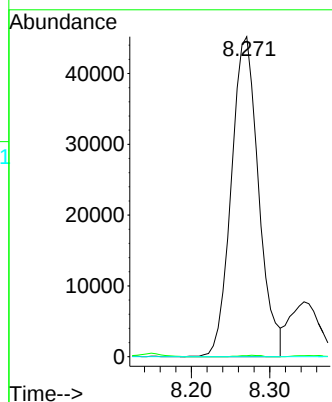
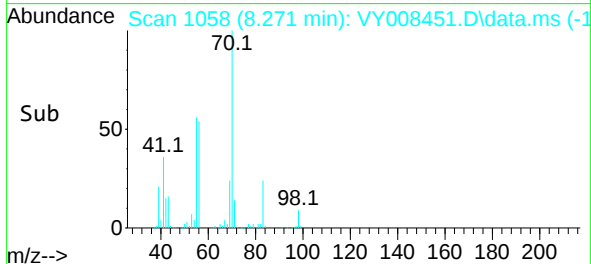


#43
Isopropyl Acetate
Concen: 91.580 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Instrument :
MSVOA_Y
ClientSampleId :

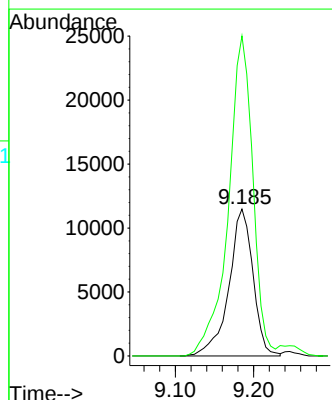
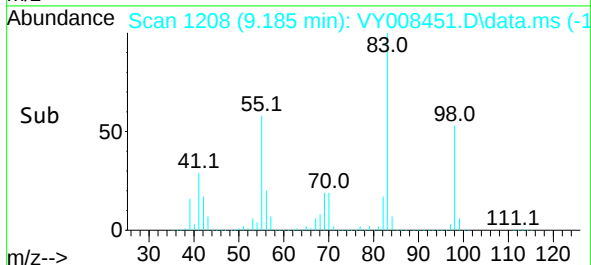
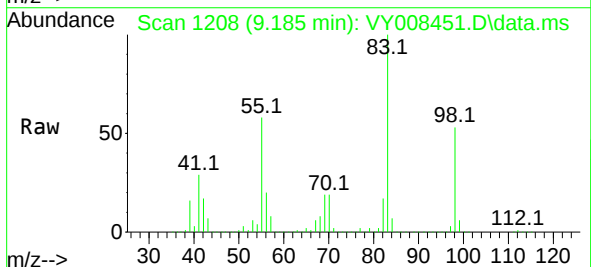


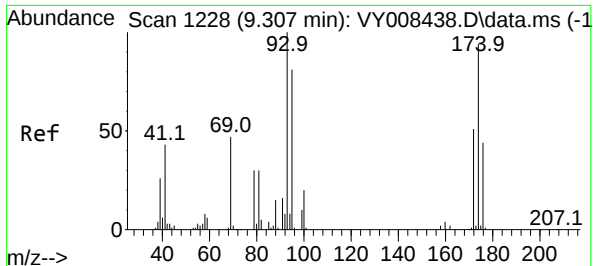
Tgt Ion: 43 Resp: 109505
Ion Ratio Lower Upper
43 100
61 0.3 20.2 30.2#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 29.816 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.030 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

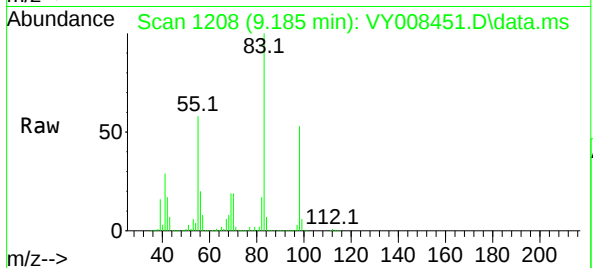
Tgt Ion: 63 Resp: 24557
Ion Ratio Lower Upper
63 100
65 217.9 23.0 34.6#



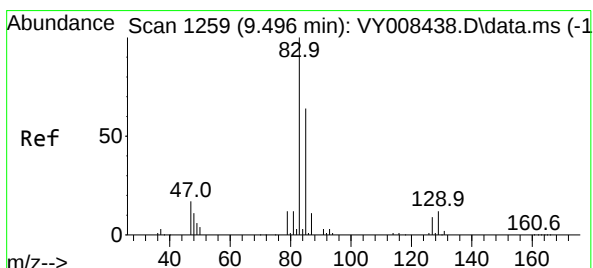
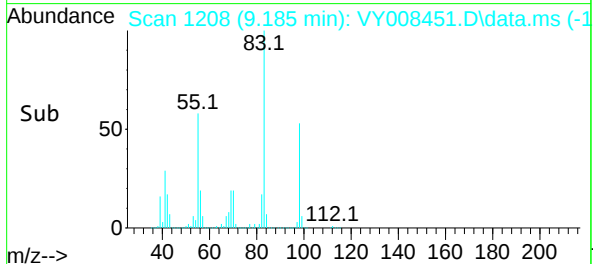
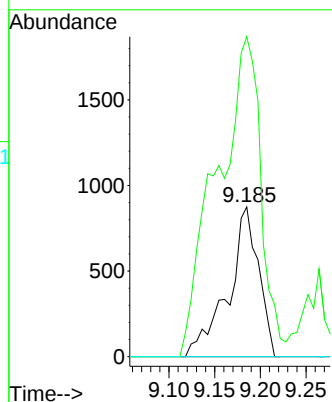


#46
Dibromomethane
Concen: 3.502 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.122 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Instrument :
MSVOA_Y
ClientSampleId :

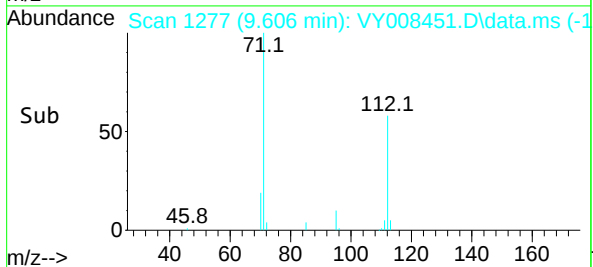
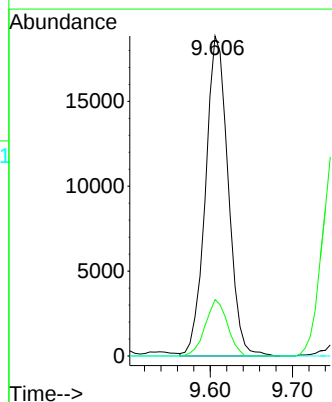
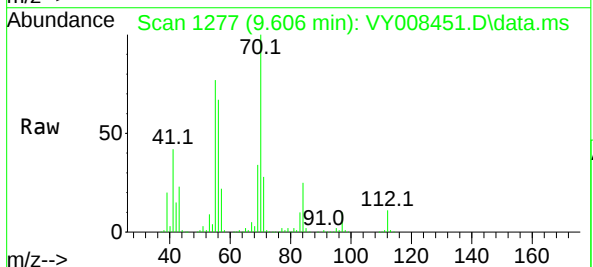


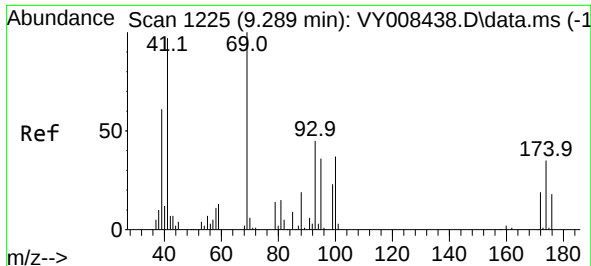
Tgt Ion: 93 Resp: 2021
Ion Ratio Lower Upper
93 100
95 310.1 64.3 96.5#
174 0.0 83.4 125.0#



#47
Bromodichloromethane
Concen: 29.461 ug/l
RT: 9.606 min Scan# 1277
Delta R.T. 0.110 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion: 83 Resp: 36087
Ion Ratio Lower Upper
83 100
85 17.6 51.9 77.9#
127 0.0 6.6 10.0#





#48

Methyl methacrylate

Concen: 174.931 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. -0.049 min

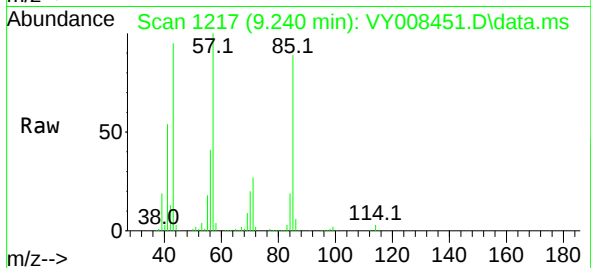
Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

ClientSampleId :



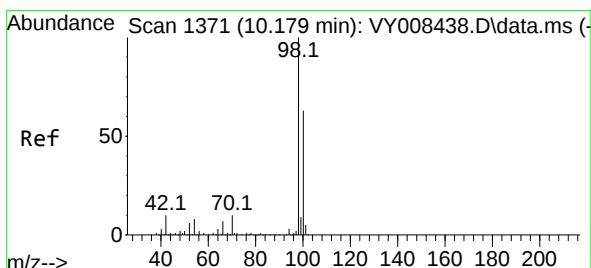
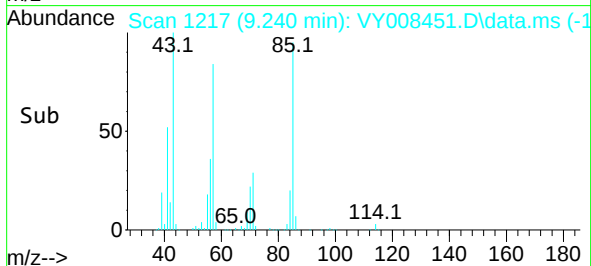
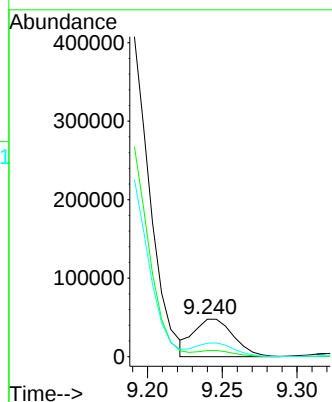
Tgt Ion: 41 Resp: 88937

Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 33.2 47.4 71.0#



#50

Toluene-d8

Concen: 126.244 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008451.D

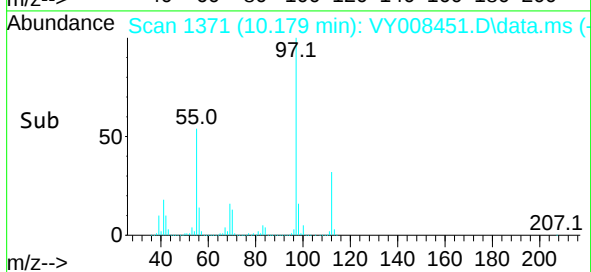
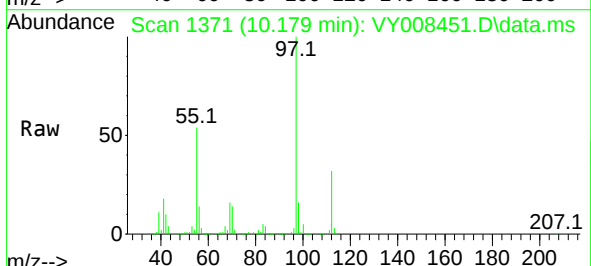
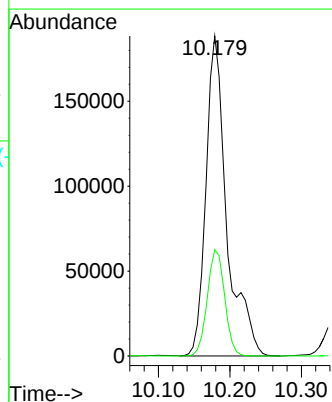
Acq: 21 Apr 2022 19:22

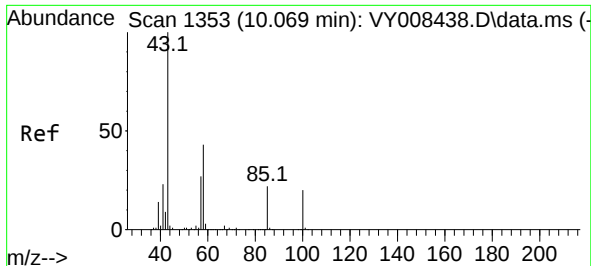
Tgt Ion: 98 Resp: 381995

Ion Ratio Lower Upper

98 100

100 27.7 50.2 75.2#

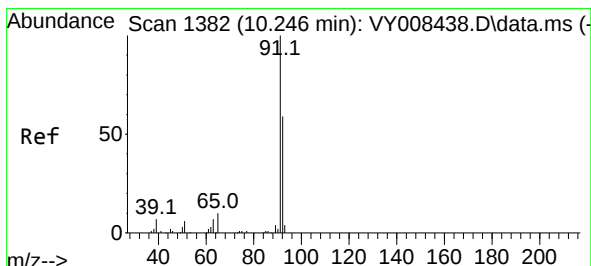
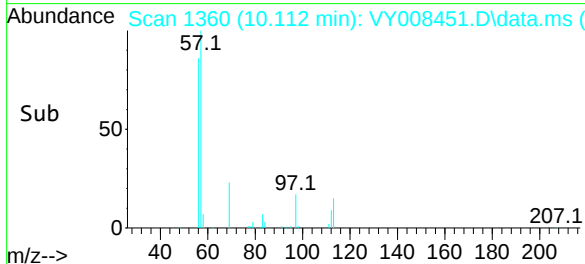
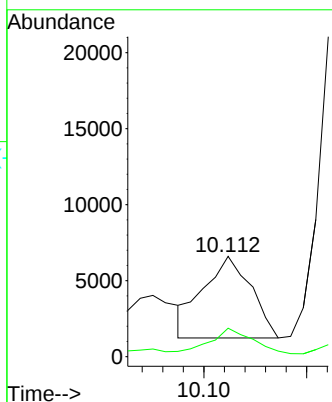
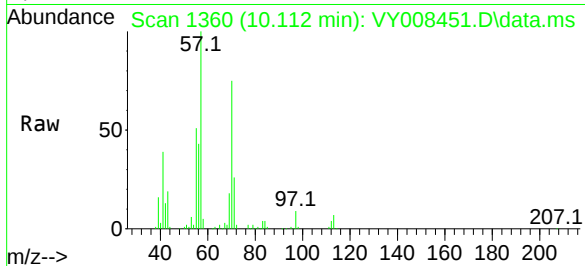




#51
4-Methyl-2-Pentanone
Concen: 13.841 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.043 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

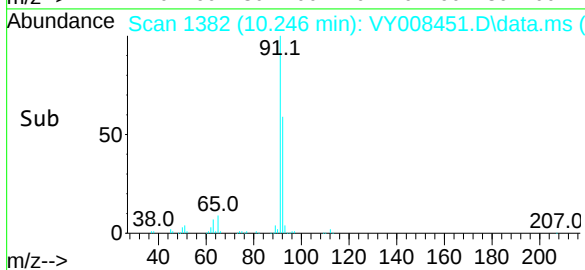
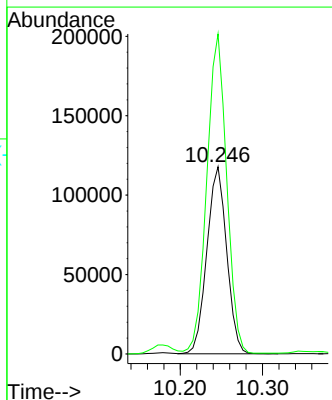
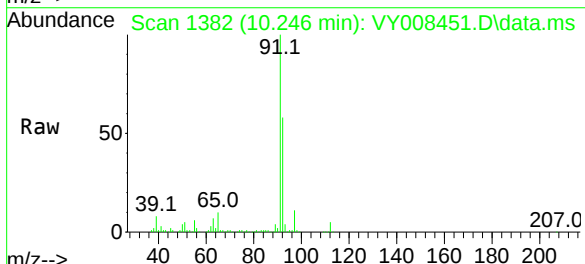
Instrument :
MSVOA_Y
ClientSampleId :

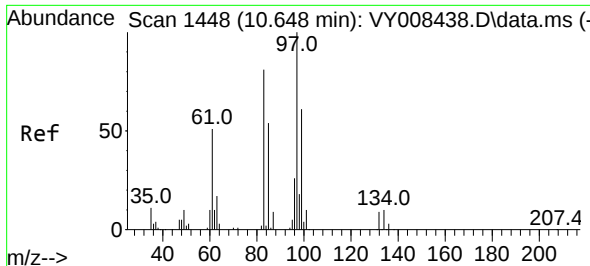
Tgt Ion: 43 Resp: 8706
Ion Ratio Lower Upper
43 100
58 27.6 28.1 42.1#



#52
Toluene
Concen: 86.843 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

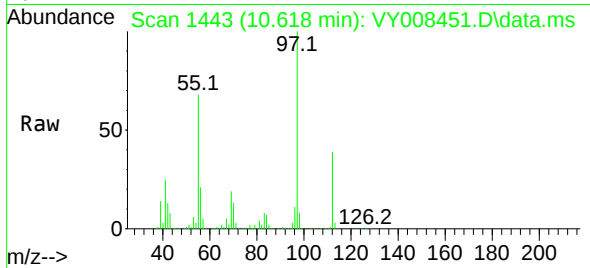
Tgt Ion: 92 Resp: 196974
Ion Ratio Lower Upper
92 100
91 171.2 142.6 213.8



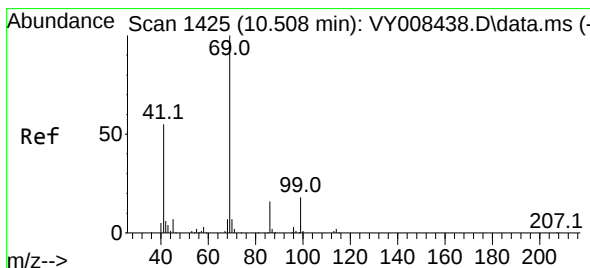
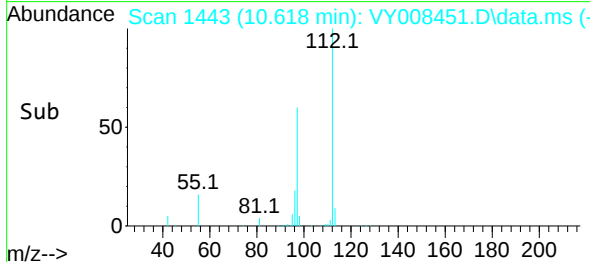
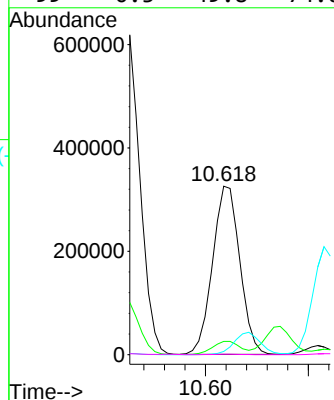


#55
1,1,2-Trichloroethane
Concen: 759.973 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Instrument :
MSVOA_Y
ClientSampleId :

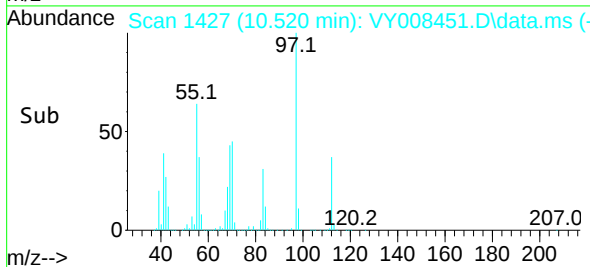
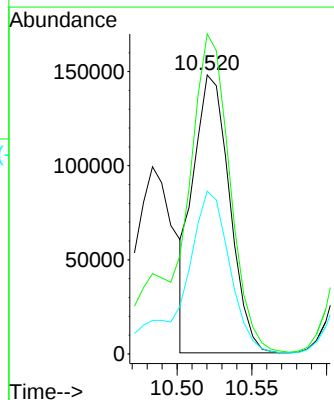
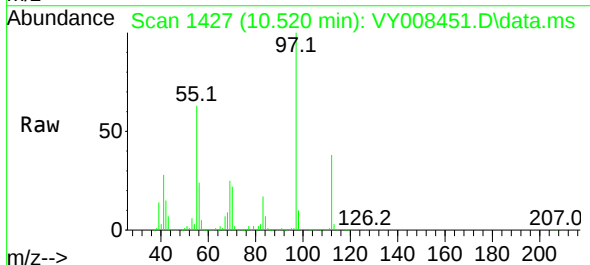


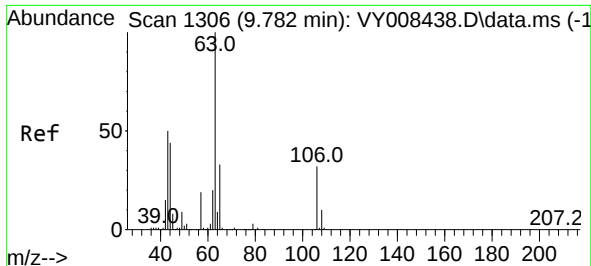
Tgt Ion: 97 Resp: 598525
Ion Ratio Lower Upper
97 100
83 7.8 69.8 104.8#
85 2.0 44.3 66.5#
99 0.3 49.8 74.6#



#56
Ethyl methacrylate
Concen: 244.190 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion: 69 Resp: 248314
Ion Ratio Lower Upper
69 100
41 158.4 63.4 95.0#
39 78.0 35.8 53.8#





#58

2-Chloroethyl Vinyl ether

Concen: 1.507 ug/l

RT: 9.764 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

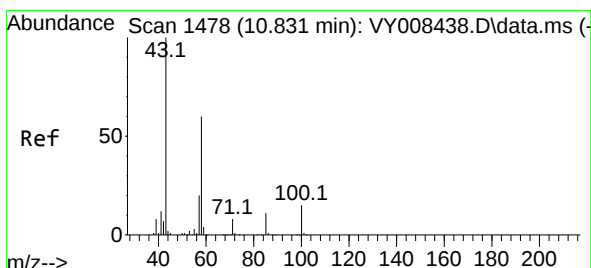
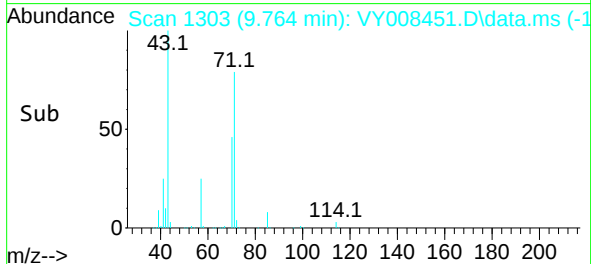
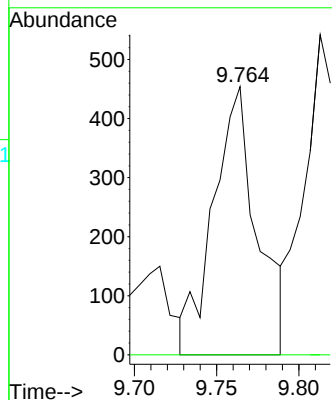
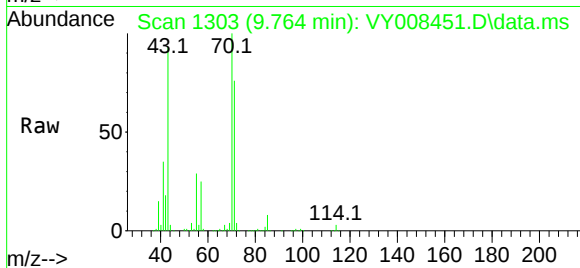
ClientSampleId :

Tgt Ion: 63 Resp: 840

Ion Ratio Lower Upper

63 100

106 0.0 21.5 32.3#



#59

2-Hexanone

Concen: 1960.406 ug/l

RT: 10.807 min Scan# 1474

Delta R.T. -0.024 min

Lab File: VY008451.D

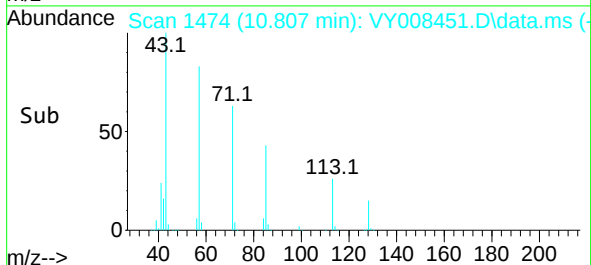
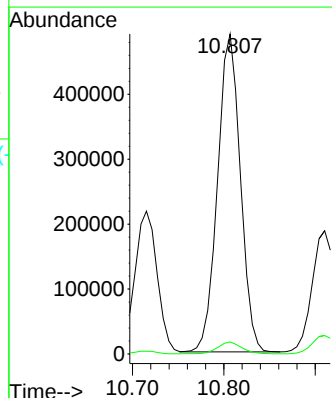
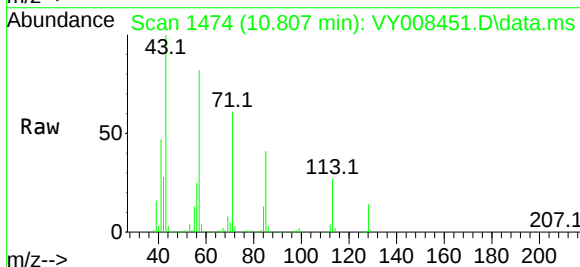
Acq: 21 Apr 2022 19:22

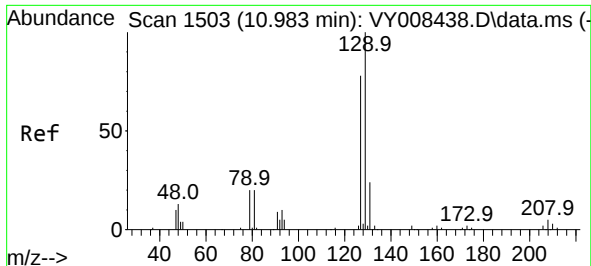
Tgt Ion: 43 Resp: 848585

Ion Ratio Lower Upper

43 100

58 3.9 24.4 73.4#

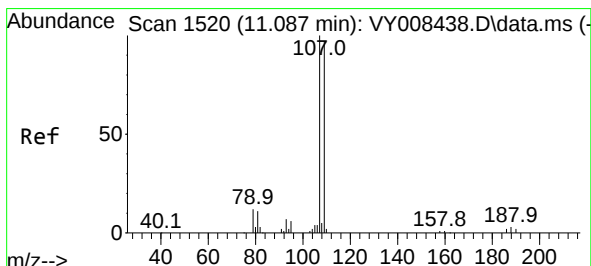
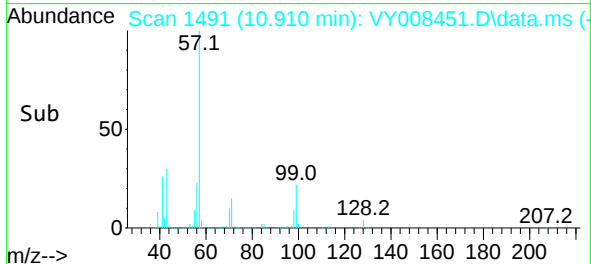
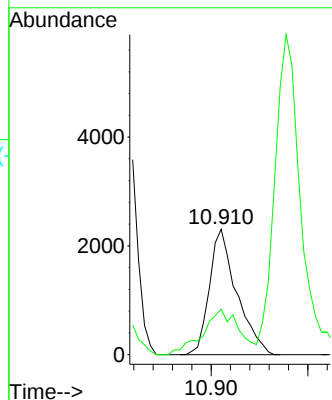
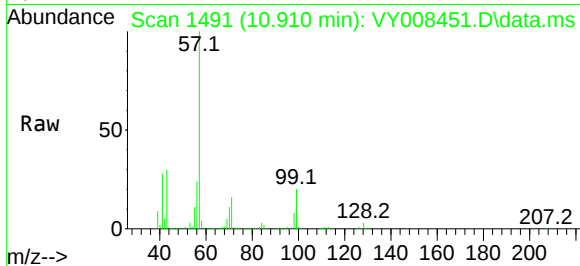




#60
Dibromochloromethane
Concen: 5.006 ug/l
RT: 10.910 min Scan# 1491
Delta R.T. -0.073 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

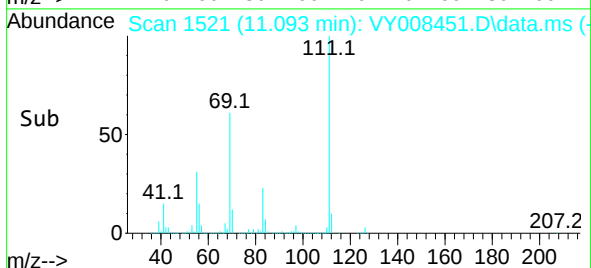
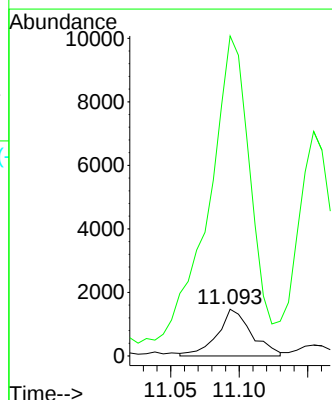
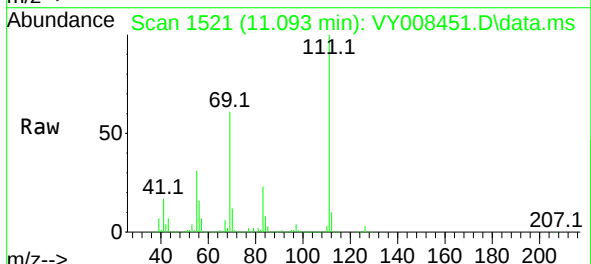
Instrument :
MSVOA_Y
ClientSampleId :

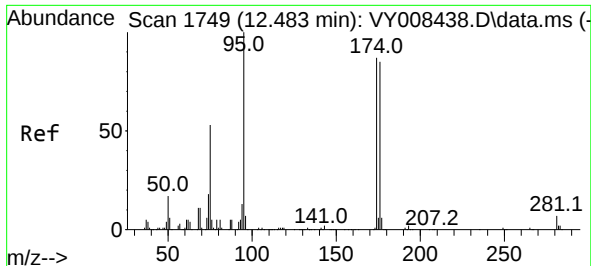
Tgt Ion:129 Resp: 4530
Ion Ratio Lower Upper
129 100
127 48.1 38.7 116.1



#61
1,2-Dibromoethane
Concen: 3.263 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion:107 Resp: 2542
Ion Ratio Lower Upper
107 100
109 789.6 75.4 113.2#

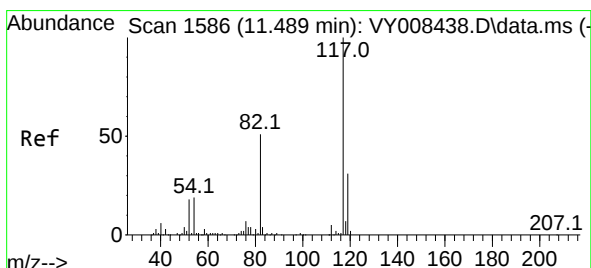
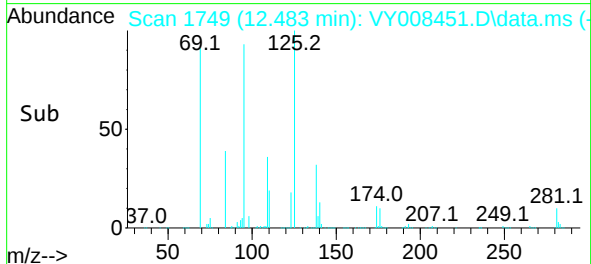
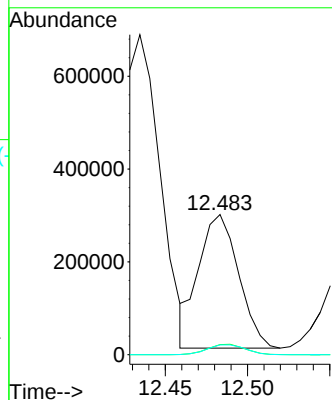
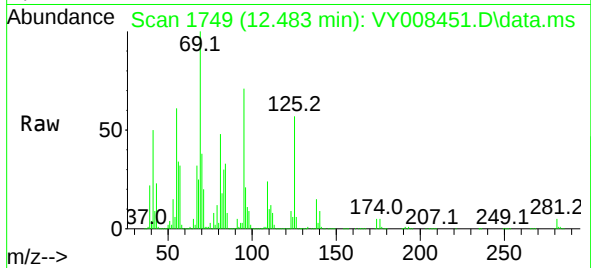




#62
4-Bromofluorobenzene
Concen: 489.329 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

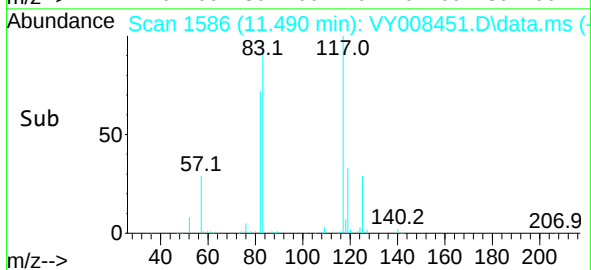
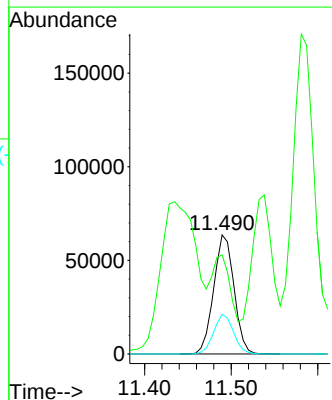
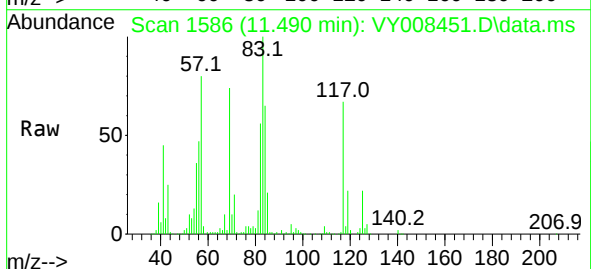
Instrument :
MSVOA_Y
ClientSampleId :

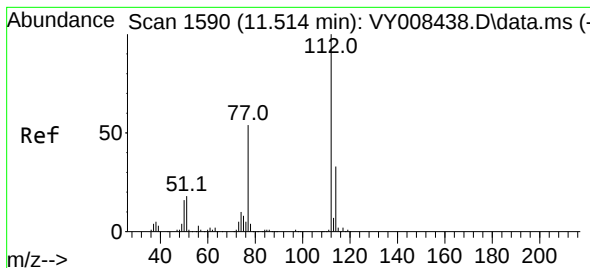
Tgt Ion: 95 Resp: 486969
Ion Ratio Lower Upper
95 100
174 7.3 0.0 177.0
176 7.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion: 117 Resp: 103694
Ion Ratio Lower Upper
117 100
82 42.9 43.0 64.4#
119 33.1 25.4 38.0





#65

Chlorobenzene

Concen: 12.173 ug/l

RT: 11.416 min Scan# 11

Delta R.T. -0.098 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

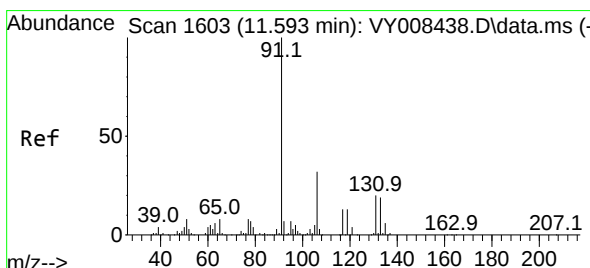
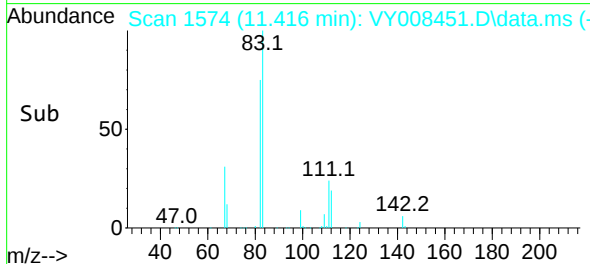
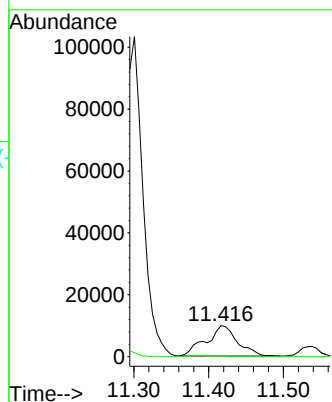
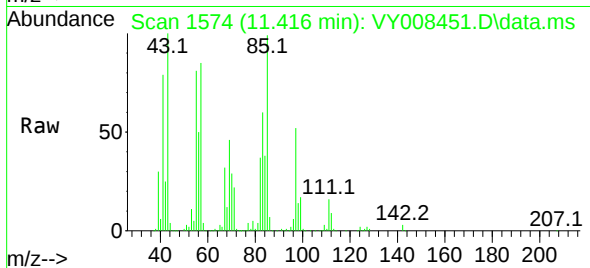
ClientSampleId :

Tgt Ion:112 Resp: 28542

Ion Ratio Lower Upper

112 100

114 1.1 25.8 38.6#



#67

Ethyl Benzene

Concen: 204.494 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008451.D

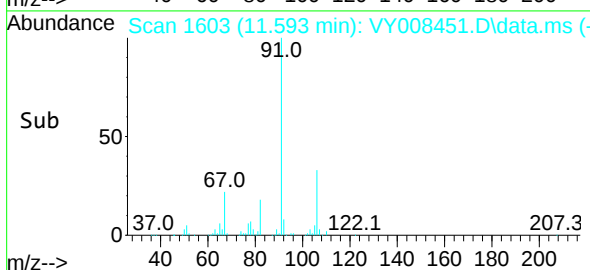
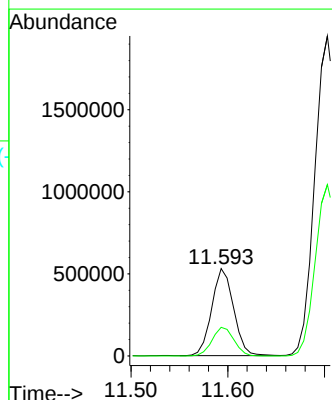
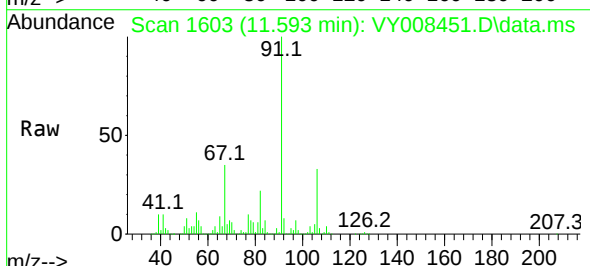
Acq: 21 Apr 2022 19:22

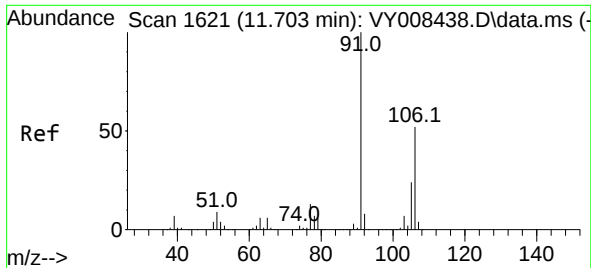
Tgt Ion: 91 Resp: 832118

Ion Ratio Lower Upper

91 100

106 32.9 24.5 36.7

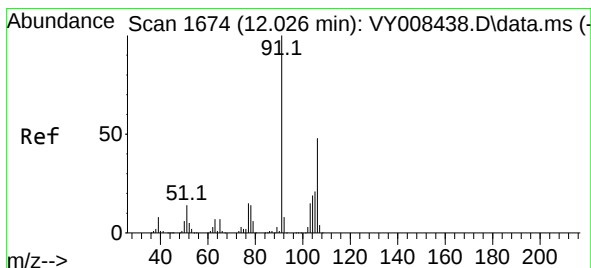
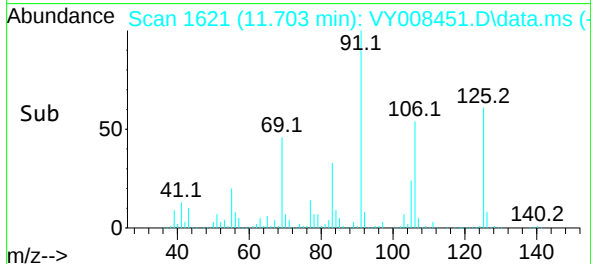
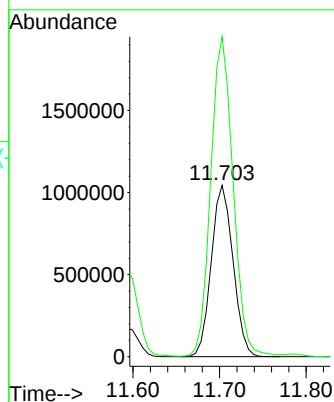
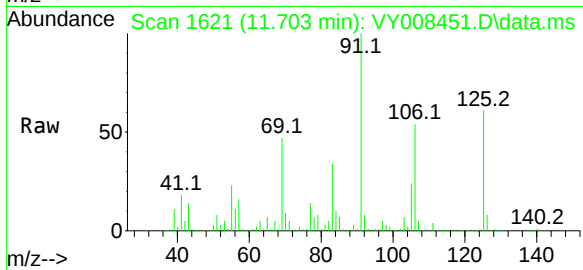




#68
m/p-Xylenes
Concen: 1117.006 ug/l
RT: 11.703 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

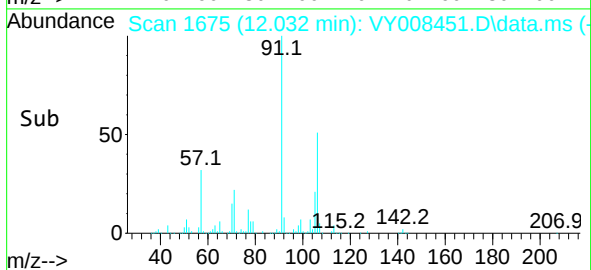
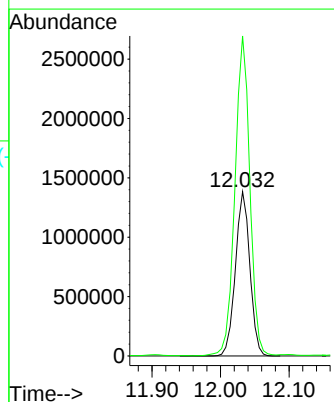
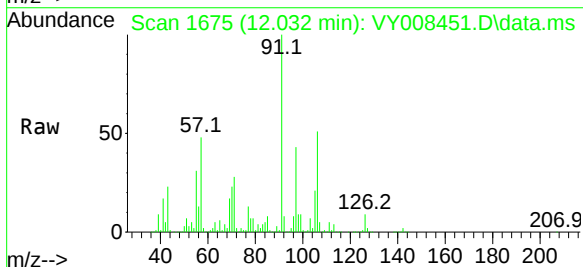
Instrument :
MSVOA_Y
ClientSampleId :

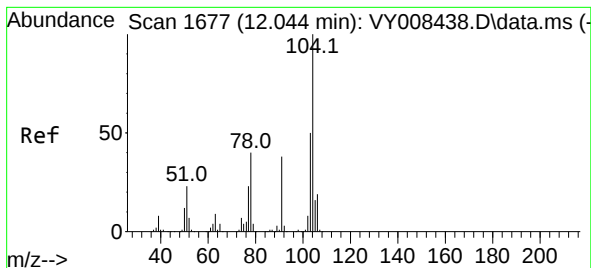
Tgt Ion:106 Resp: 1820640
Ion Ratio Lower Upper
106 100
91 191.2 166.6 249.8



#69
o-Xylene
Concen: 1293.036 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion:106 Resp: 2029013
Ion Ratio Lower Upper
106 100
91 200.7 110.3 331.0





#70

Styrene

Concen: 36.525 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY008451.D

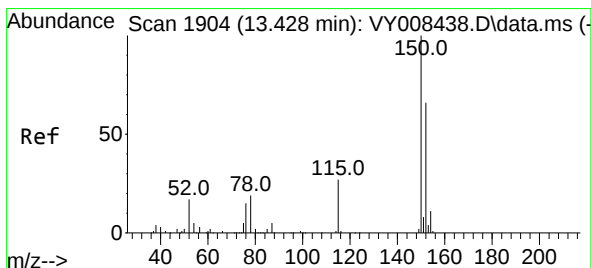
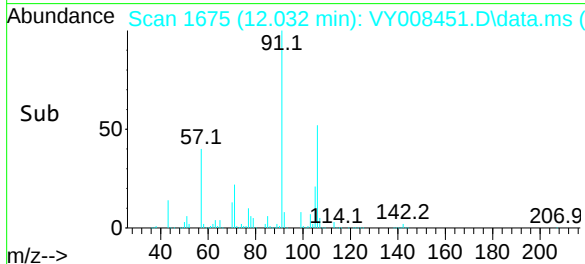
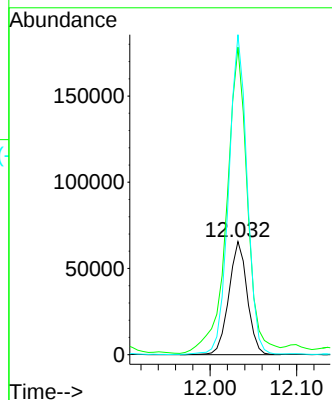
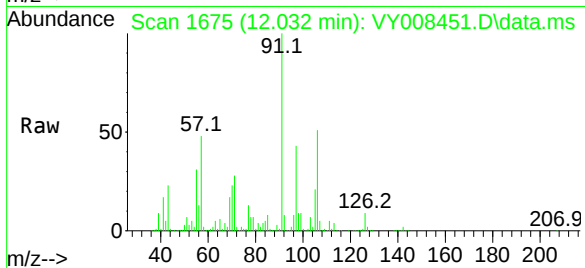
Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:104	Resp:	96586
Ion Ratio	Lower	Upper
104	100	
78	305.2	42.4 63.6#
103	282.7	44.4 66.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

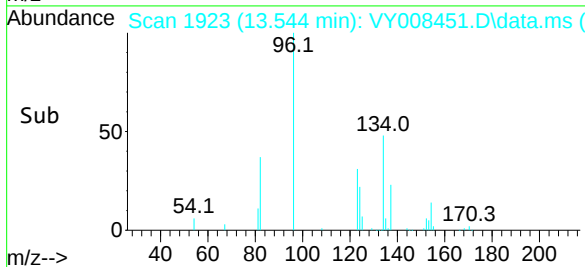
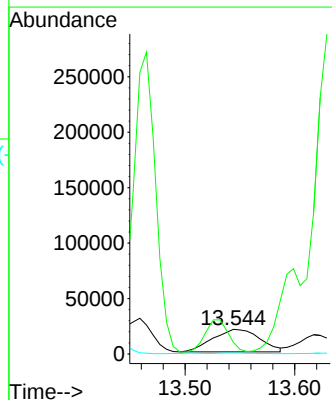
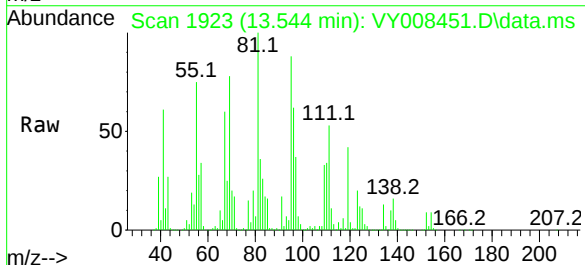
RT: 13.544 min Scan# 1923

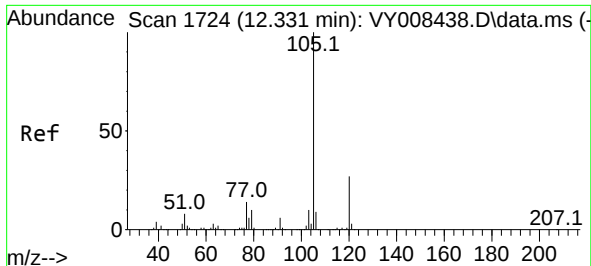
Delta R.T. 0.116 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Tgt Ion:152	Resp:	60260
Ion Ratio	Lower	Upper
152	100	
115	72.2	28.2 84.7
150	2.4	0.0 347.6

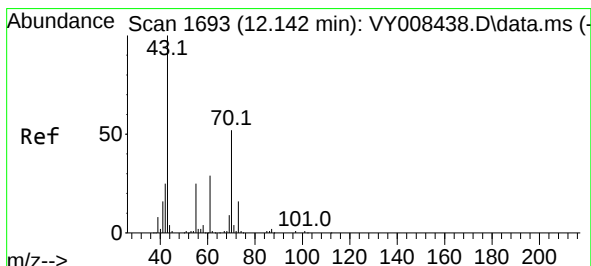
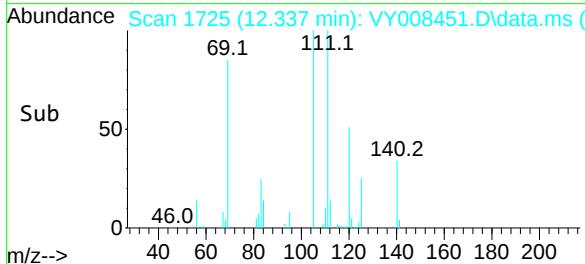
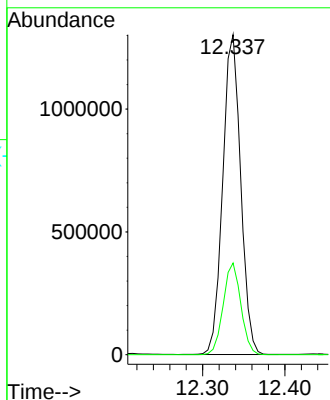
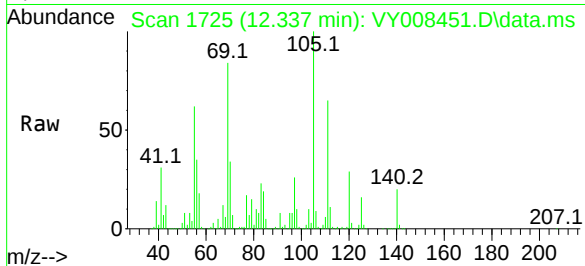




#73
Isopropylbenzene
Concen: 432.405 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

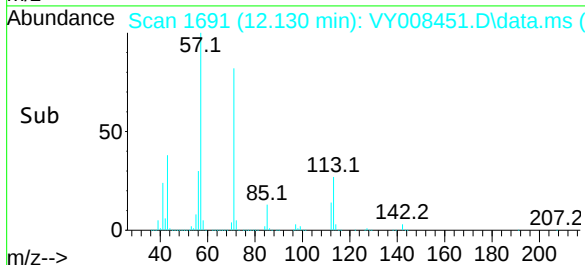
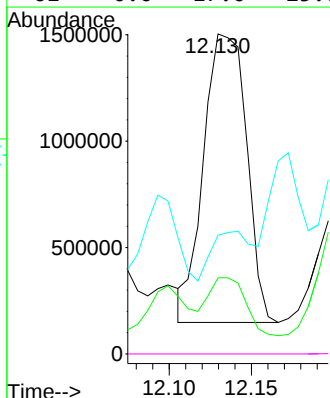
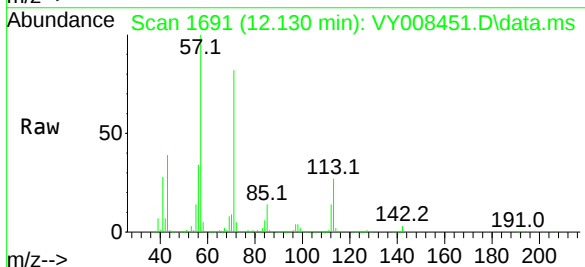
Instrument :
MSVOA_Y
ClientSampleId :

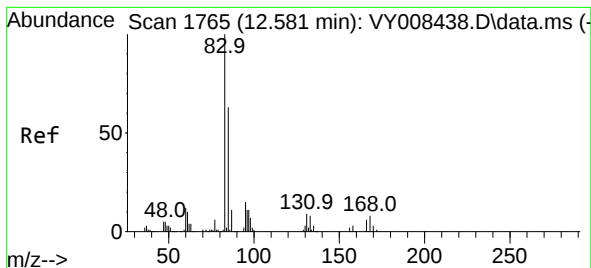
Tgt Ion:105 Resp: 1975605
Ion Ratio Lower Upper
105 100
120 28.2 13.4 40.2



#74
N-ethyl acetate
Concen: 2171.916 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.012 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion: 43 Resp: 2451887
Ion Ratio Lower Upper
43 100
70 17.2 28.7 43.1#
55 22.5 17.3 25.9
61 0.0 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 453.141 ug/l

RT: 12.569 min Scan# 1763

Delta R.T. -0.012 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

ClientSampleId :

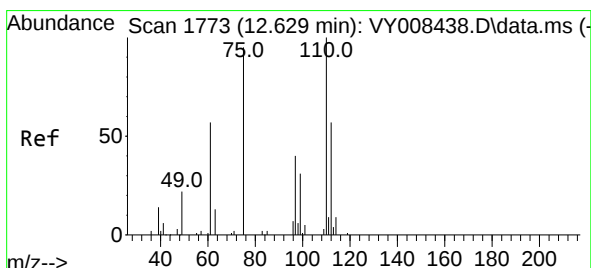
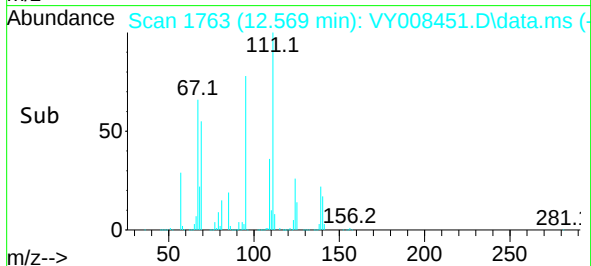
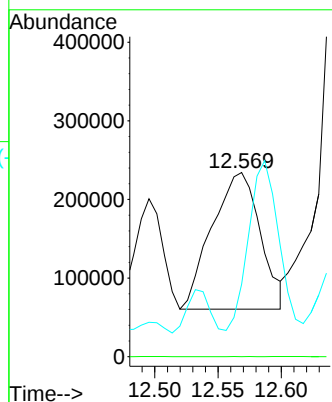
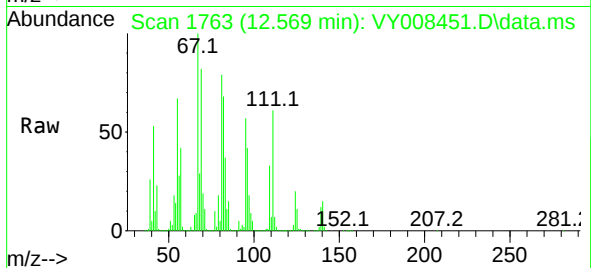
Tgt Ion: 83 Resp: 462584

Ion Ratio Lower Upper

83 100

131 0.1 5.6 16.8#

85 0.0 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 28.561 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.043 min

Lab File: VY008451.D

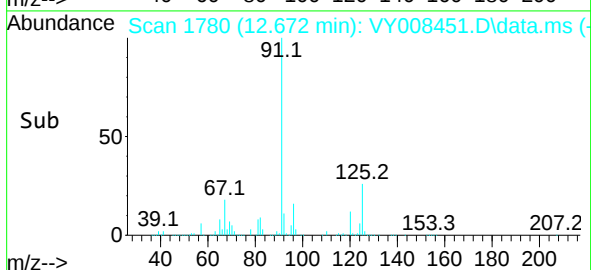
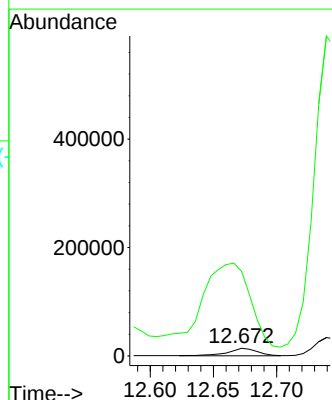
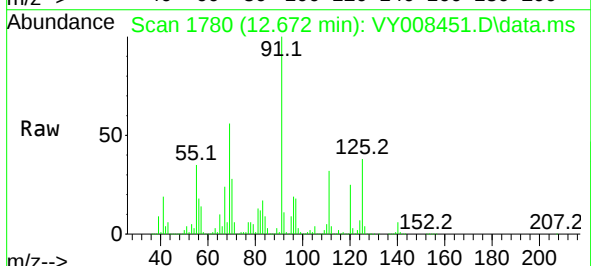
Acq: 21 Apr 2022 19:22

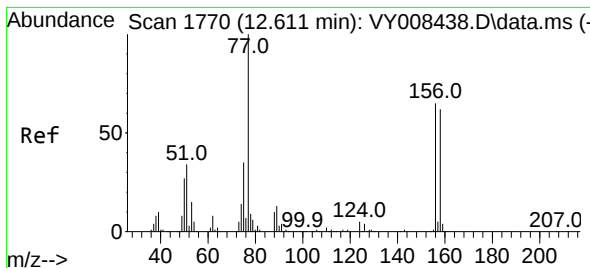
Tgt Ion: 75 Resp: 22274

Ion Ratio Lower Upper

75 100

77 1788.8 0.0 0.0#





#77

Bromobenzene

Concen: 1.058 ug/l

RT: 12.642 min Scan# 1

Delta R.T. 0.031 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

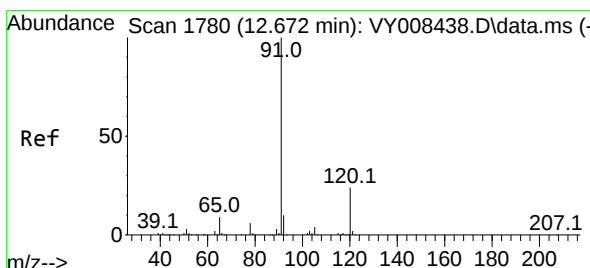
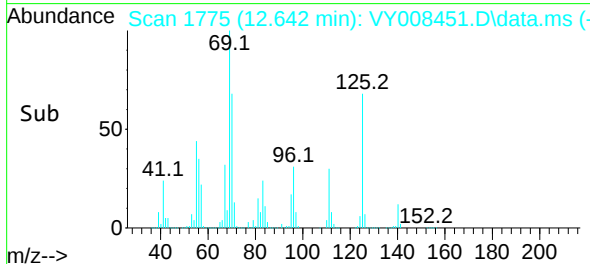
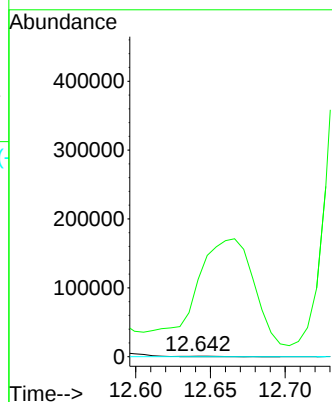
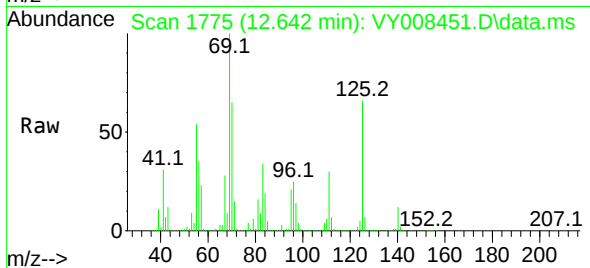
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:156 Resp: 1179

Ion	Ratio	Lower	Upper
156	100		
77	0.0	95.5	286.4#
158	0.0	48.0	144.0#



#78

n-propylbenzene

Concen: 653.305 ug/l

RT: 12.672 min Scan# 1780

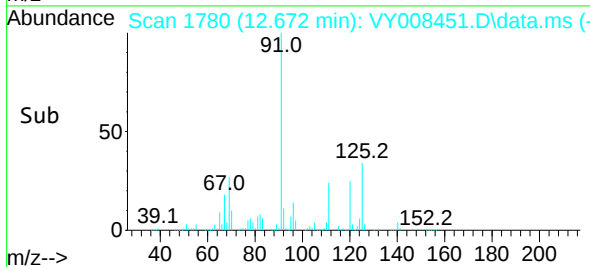
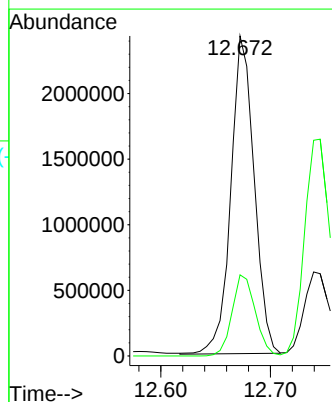
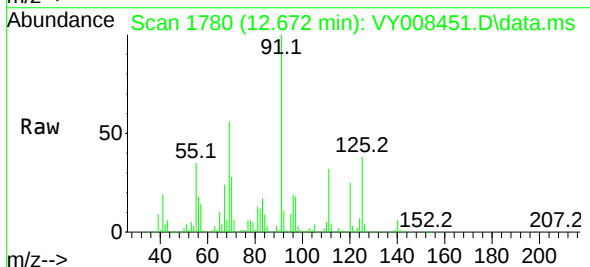
Delta R.T. 0.000 min

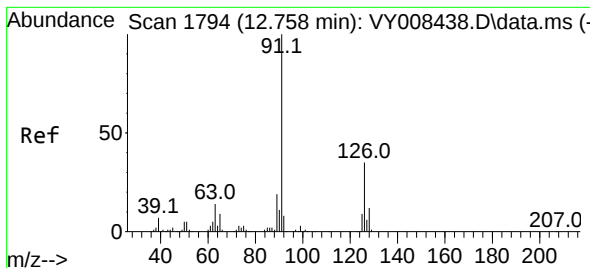
Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Tgt Ion: 91 Resp: 3580275

Ion	Ratio	Lower	Upper
91	100		
120	25.4	11.3	33.9





#79

2-Chlorotoluene

Concen: 114.956 ug/l

RT: 12.776 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

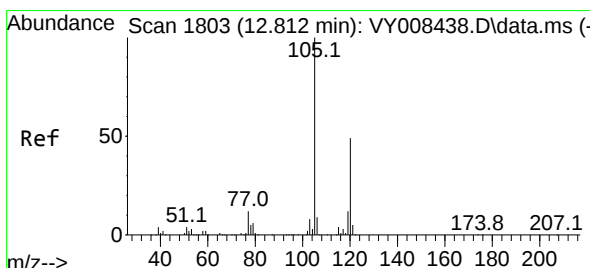
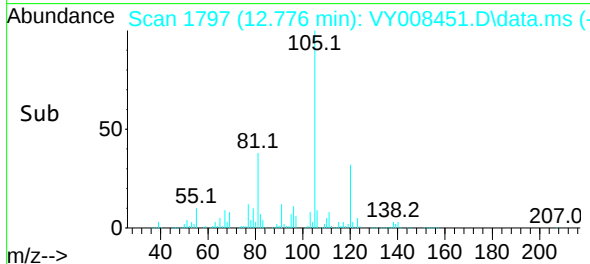
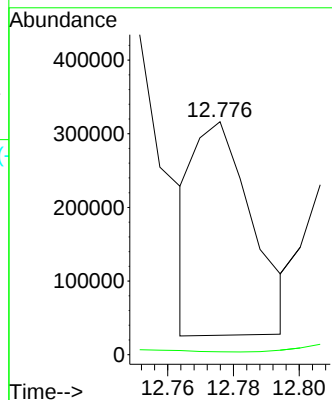
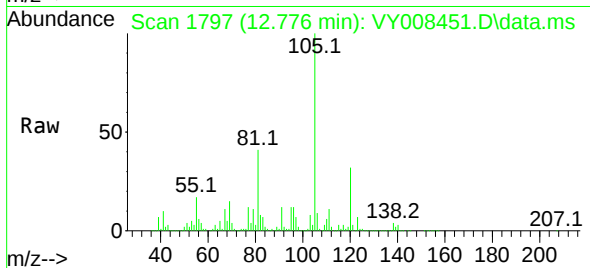
ClientSampleId :

Tgt Ion: 91 Resp: 354572

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#



#80

1,3,5-Trimethylbenzene

Concen: 1618.883 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.013 min

Lab File: VY008451.D

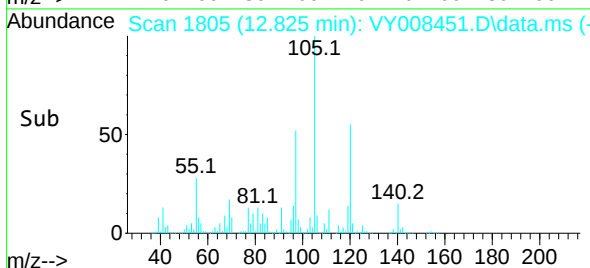
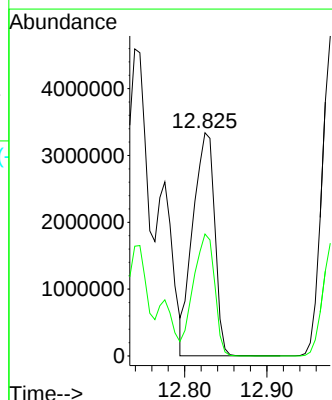
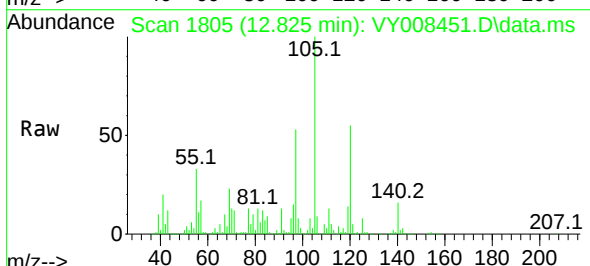
Acq: 21 Apr 2022 19:22

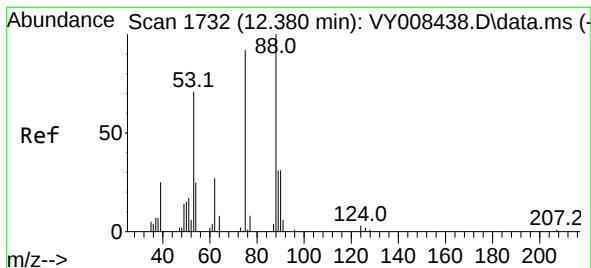
Tgt Ion: 105 Resp: 6139421

Ion Ratio Lower Upper

105 100

120 53.5 24.4 73.4

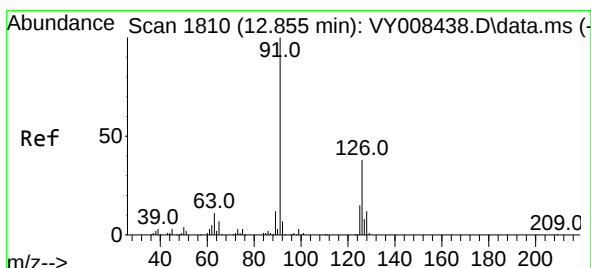
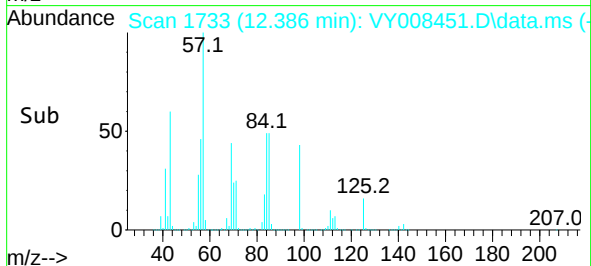
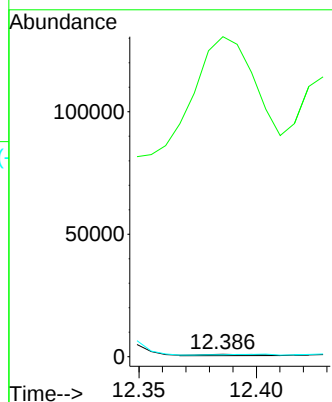
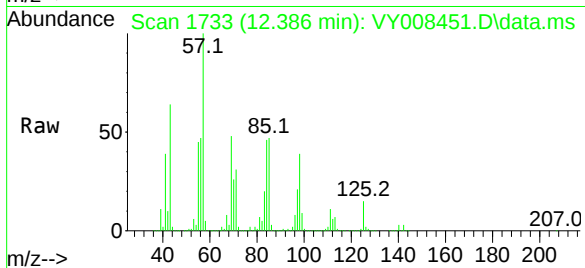




#81
trans-1,4-Dichloro-2-butene
Concen: 2.603 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

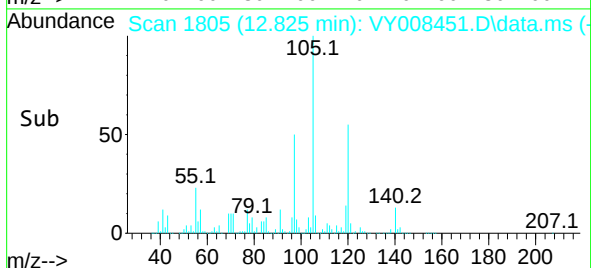
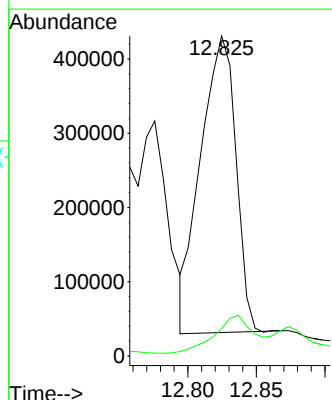
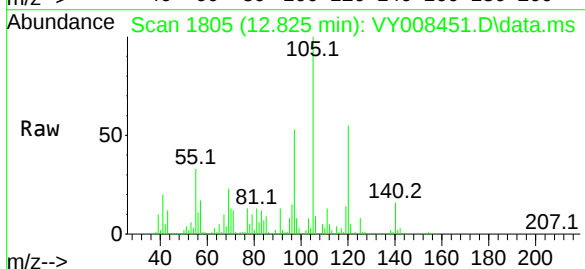
Instrument :
MSVOA_Y
ClientSampleId :

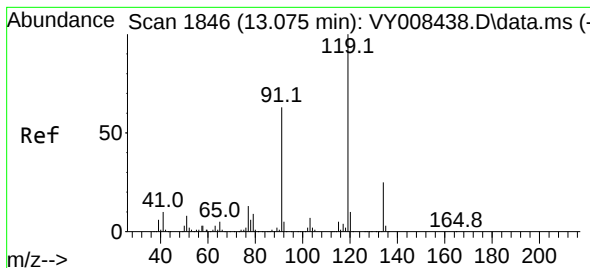
Tgt Ion: 75 Resp: 875
Ion Ratio Lower Upper
75 100
53 17519.2 85.3 127.9#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 223.231 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.030 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion: 91 Resp: 713504
Ion Ratio Lower Upper
91 100
126 13.9 17.0 51.0#

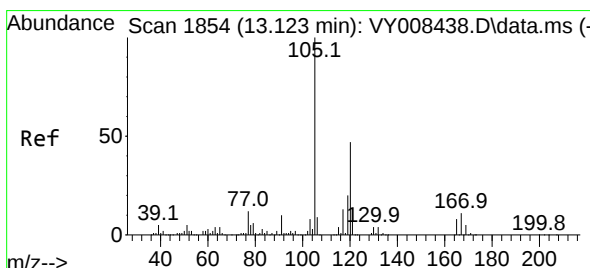
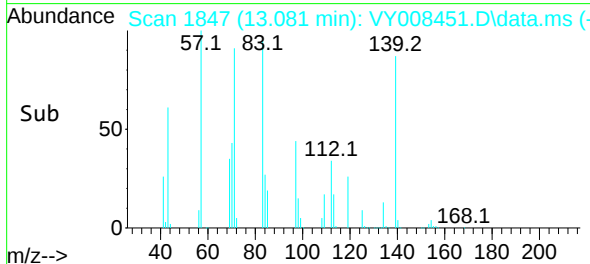
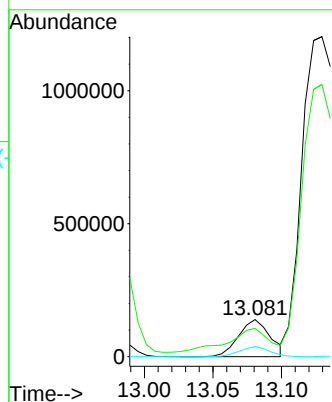
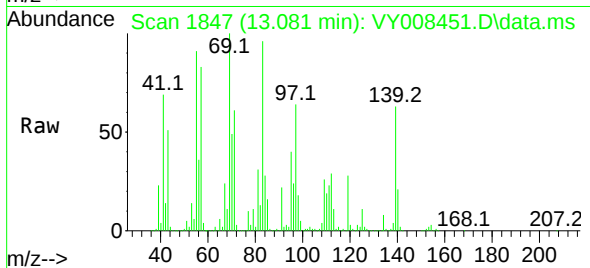




#83
tert-Butylbenzene
Concen: 67.061 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

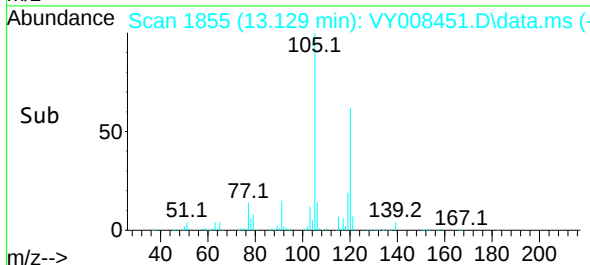
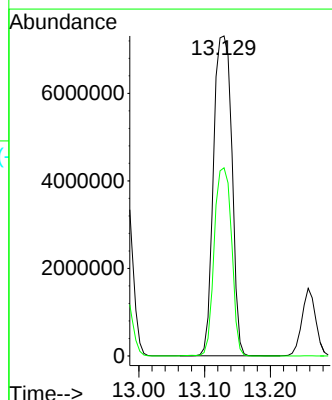
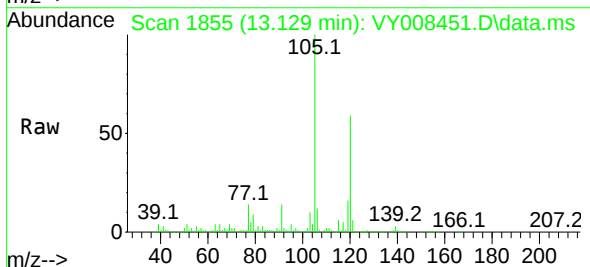
Instrument :
MSVOA_Y
ClientSampleId :

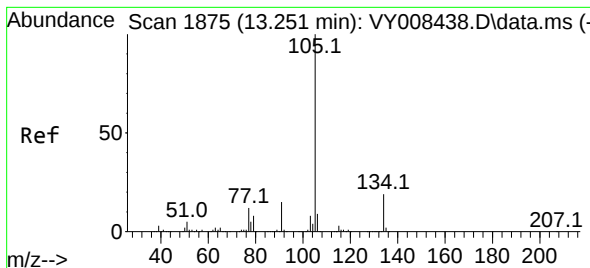
Tgt Ion:119 Resp: 220774
Ion Ratio Lower Upper
119 100
91 82.4 34.8 104.4
134 26.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 3761.455 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion:105 Resp:14153742
Ion Ratio Lower Upper
105 100
120 55.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 449.617 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.007 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

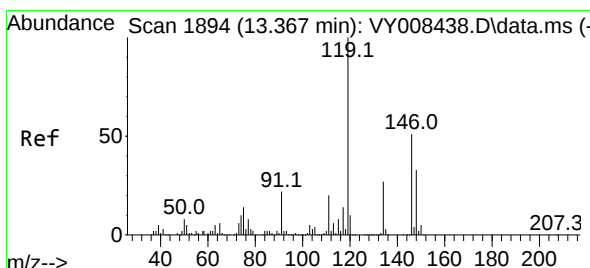
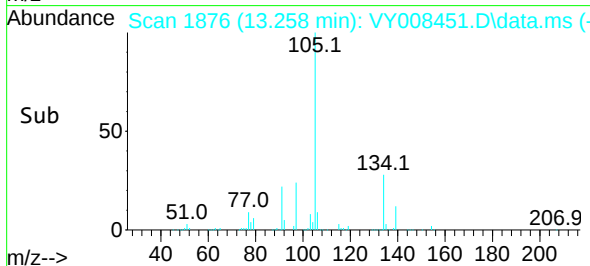
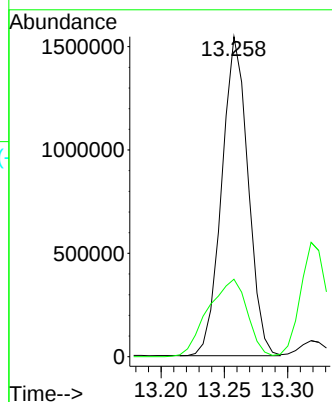
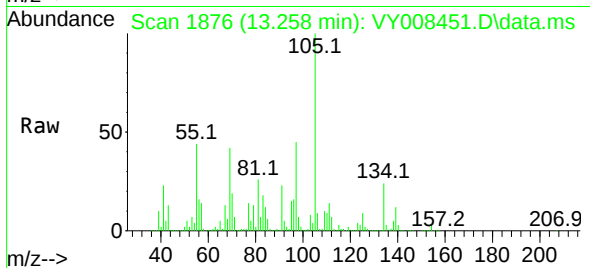
ClientSampleId :

Tgt Ion:105 Resp: 2233873

Ion Ratio Lower Upper

105 100

134 36.3 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 538.041 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

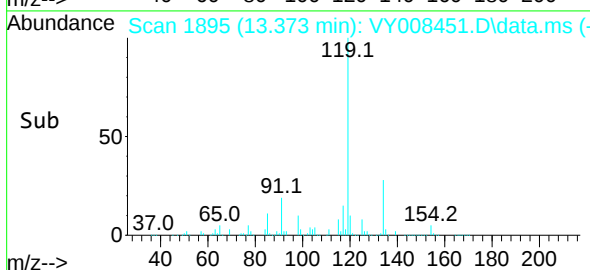
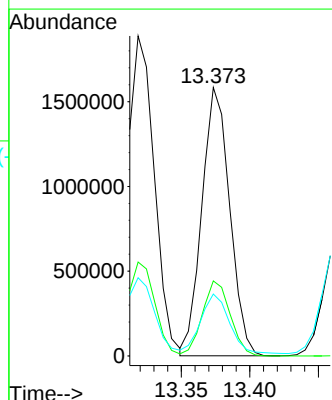
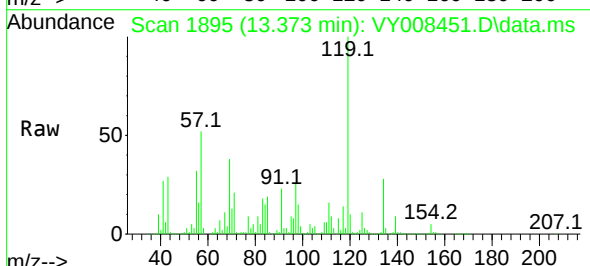
Tgt Ion:119 Resp: 2238735

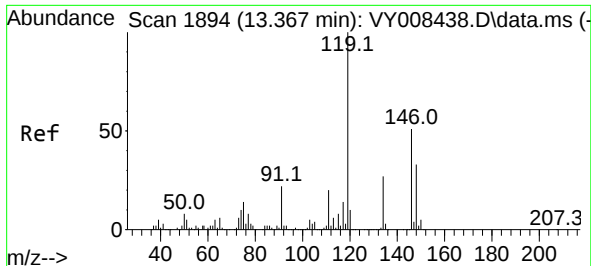
Ion Ratio Lower Upper

119 100

134 27.9 13.2 39.5

91 22.6 12.4 37.2

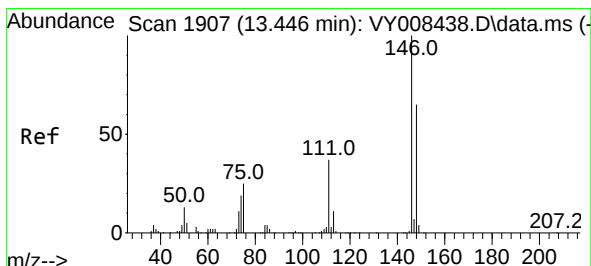
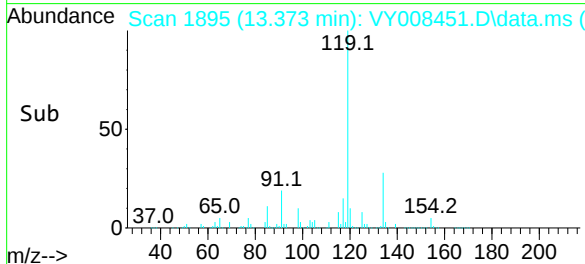
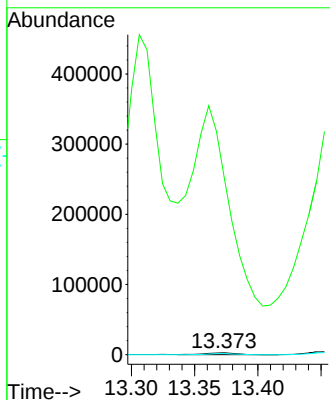
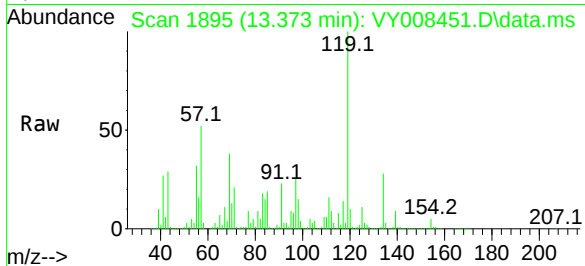




#87
1,3-Dichlorobenzene
Concen: 2.052 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

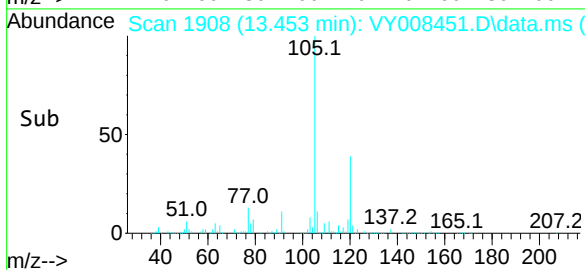
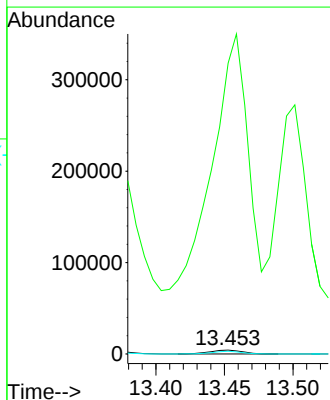
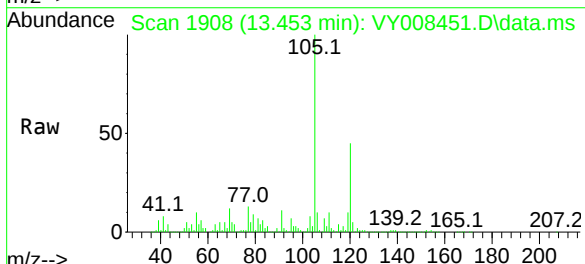
Instrument :
MSVOA_Y
ClientSampleId :

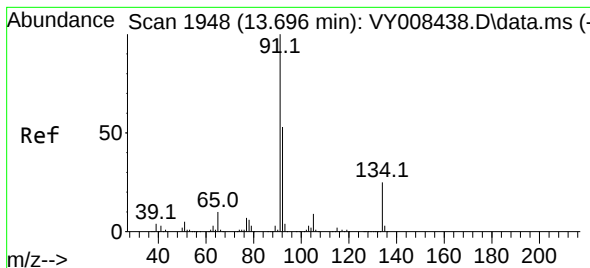
Tgt Ion:146 Resp: 4577
Ion Ratio Lower Upper
146 100
111 12445.9 19.5 58.5#
148 54.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 3.118 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.007 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion:146 Resp: 6891
Ion Ratio Lower Upper
146 100
111 7124.3 19.3 57.8#
148 64.7 32.6 97.8





#89

n-Butylbenzene

Concen: 170.952 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

ClientSampleId :

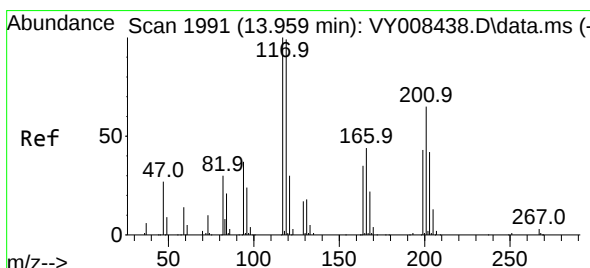
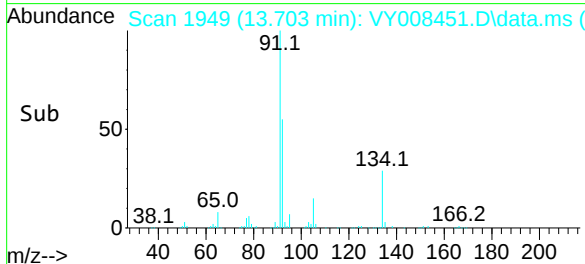
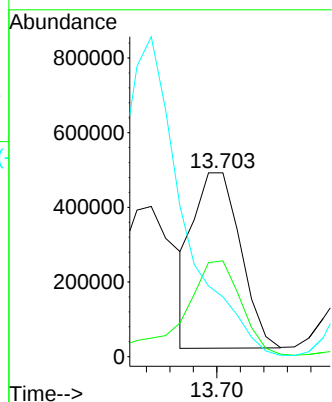
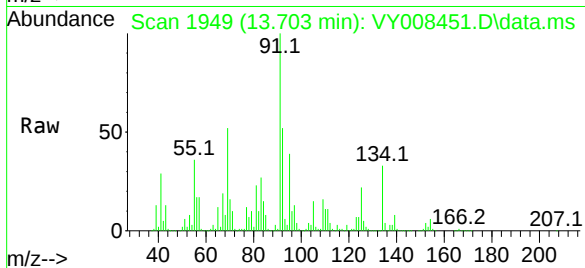
Tgt Ion: 91 Resp: 645606

Ion Ratio Lower Upper

91 100

92 68.6 26.3 78.9

134 0.0 13.0 38.9#



#90

Hexachloroethane

Concen: 187.903 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.018 min

Lab File: VY008451.D

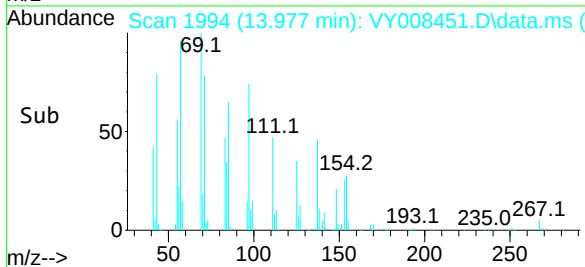
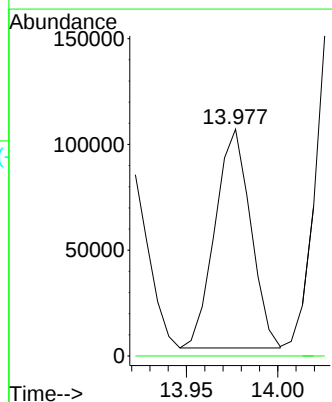
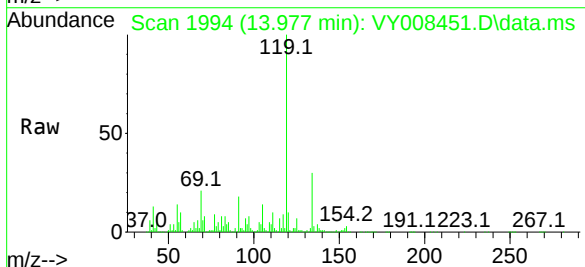
Acq: 21 Apr 2022 19:22

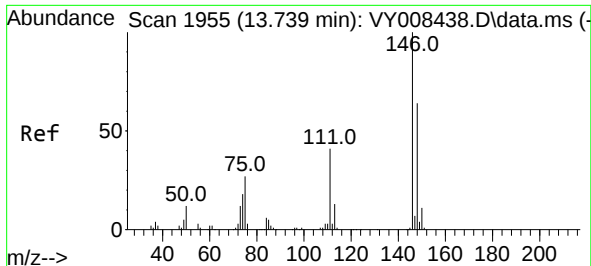
Tgt Ion: 117 Resp: 140564

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#

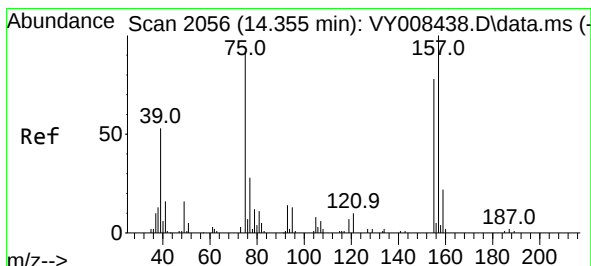
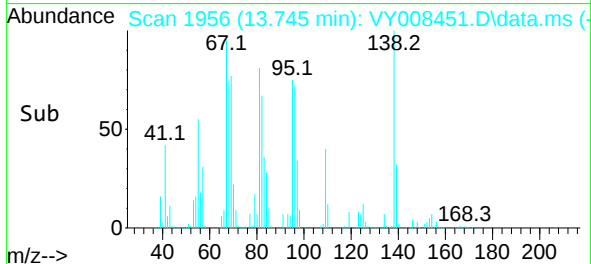
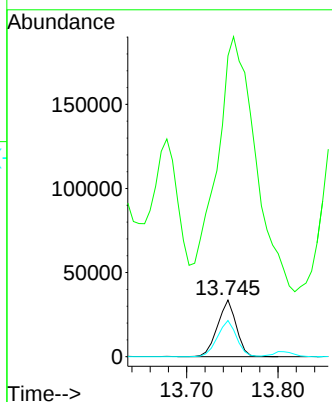
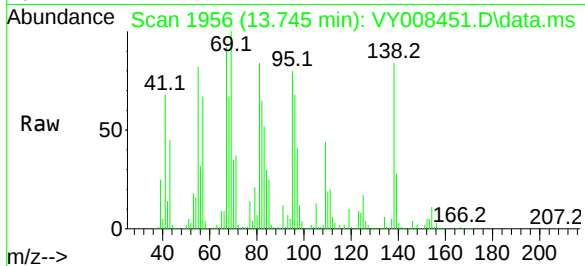




#91
1,2-Dichlorobenzene
Concen: 24.251 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

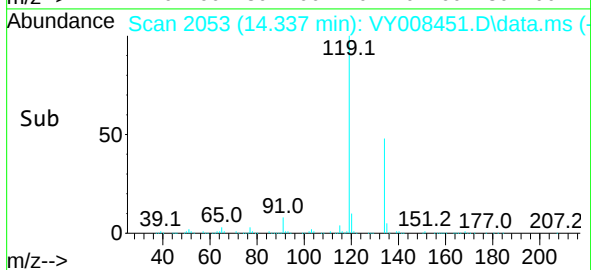
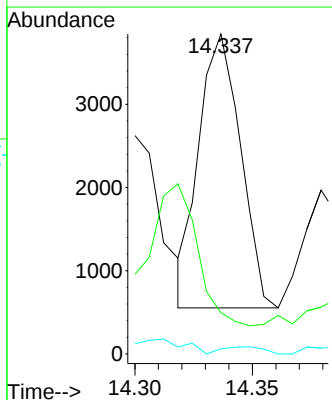
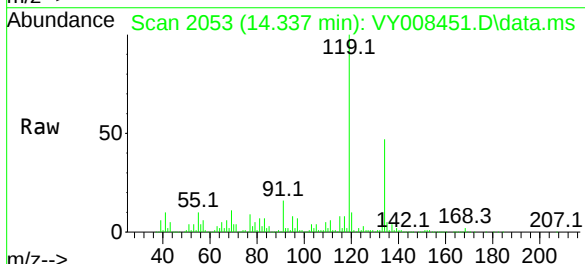
Instrument :
MSVOA_Y
ClientSampleId :

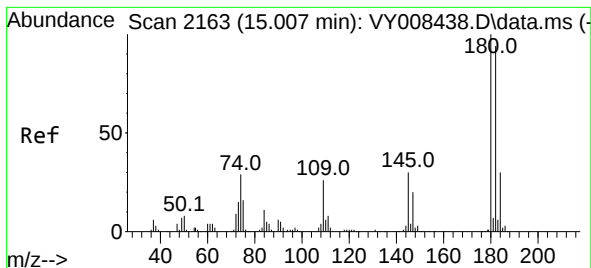
Tgt Ion:146 Resp: 48104
Ion Ratio Lower Upper
146 100
111 962.7 20.3 60.9#
148 65.1 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 26.419 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY008451.D
Acq: 21 Apr 2022 19:22

Tgt Ion: 75 Resp: 4053
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 2.6 47.8 143.3#

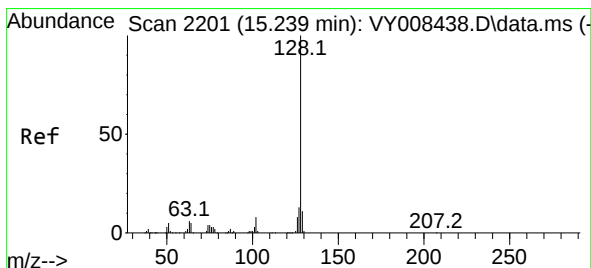
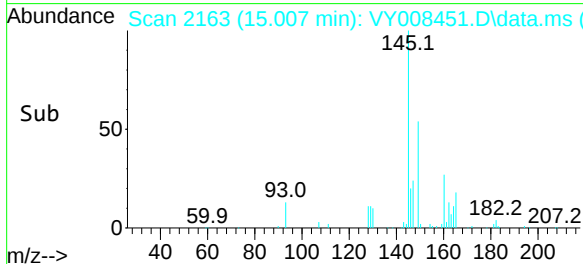
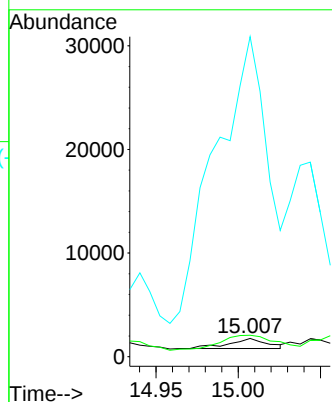
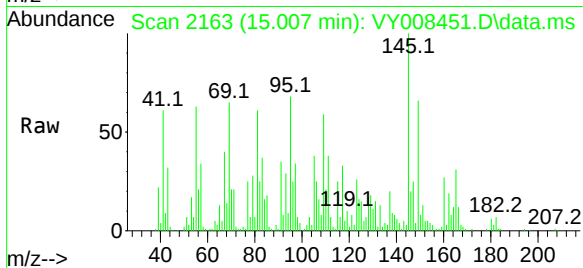




#93
 1,2,4-Trichlorobenzene
 Concen: 1.436 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY008451.D
 Acq: 21 Apr 2022 19:22

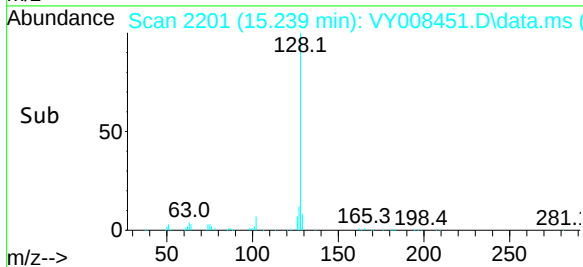
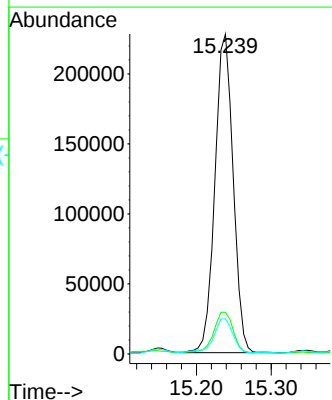
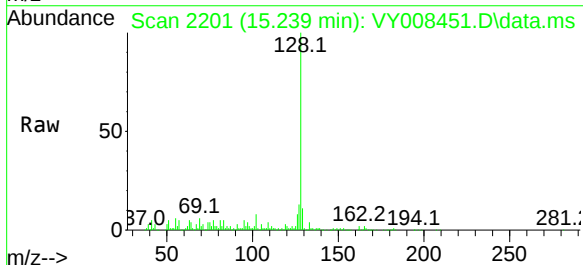
Instrument :
 MSVOA_Y
 ClientSampleId :

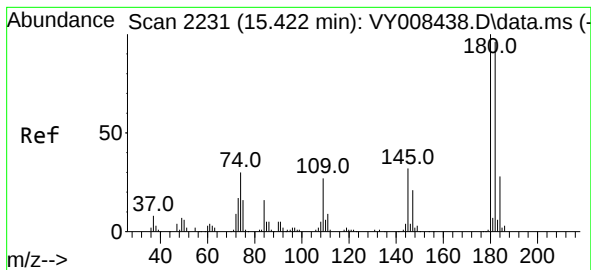
Tgt Ion:180 Resp: 1586
 Ion Ratio Lower Upper
 180 100
 182 196.0 47.3 141.9#
 145 4632.8 14.6 43.8#



#95
 Naphthalene
 Concen: 154.522 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: VY008451.D
 Acq: 21 Apr 2022 19:22

Tgt Ion:128 Resp: 386778
 Ion Ratio Lower Upper
 128 100
 127 13.8 11.0 16.4
 129 11.1 8.4 12.6





#96

1,2,3-Trichlorobenzene

Concen: 5.045 ug/l

RT: 15.391 min Scan# 21

Delta R.T. -0.031 min

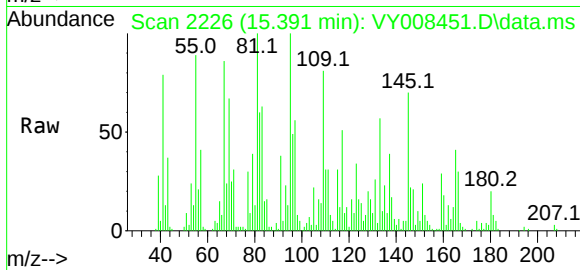
Lab File: VY008451.D

Acq: 21 Apr 2022 19:22

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:180 Resp: 4876

Ion Ratio Lower Upper

180 100

182 11.1 47.3 141.9#

145 345.2 15.3 45.9#

