

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061821\
 Data File : VX022770.D
 Acq On : 18 Jun 2021 16:35
 Operator : JC/MD
 Sample : M2753-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20210616

Quant Time: Jun 19 01:45:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

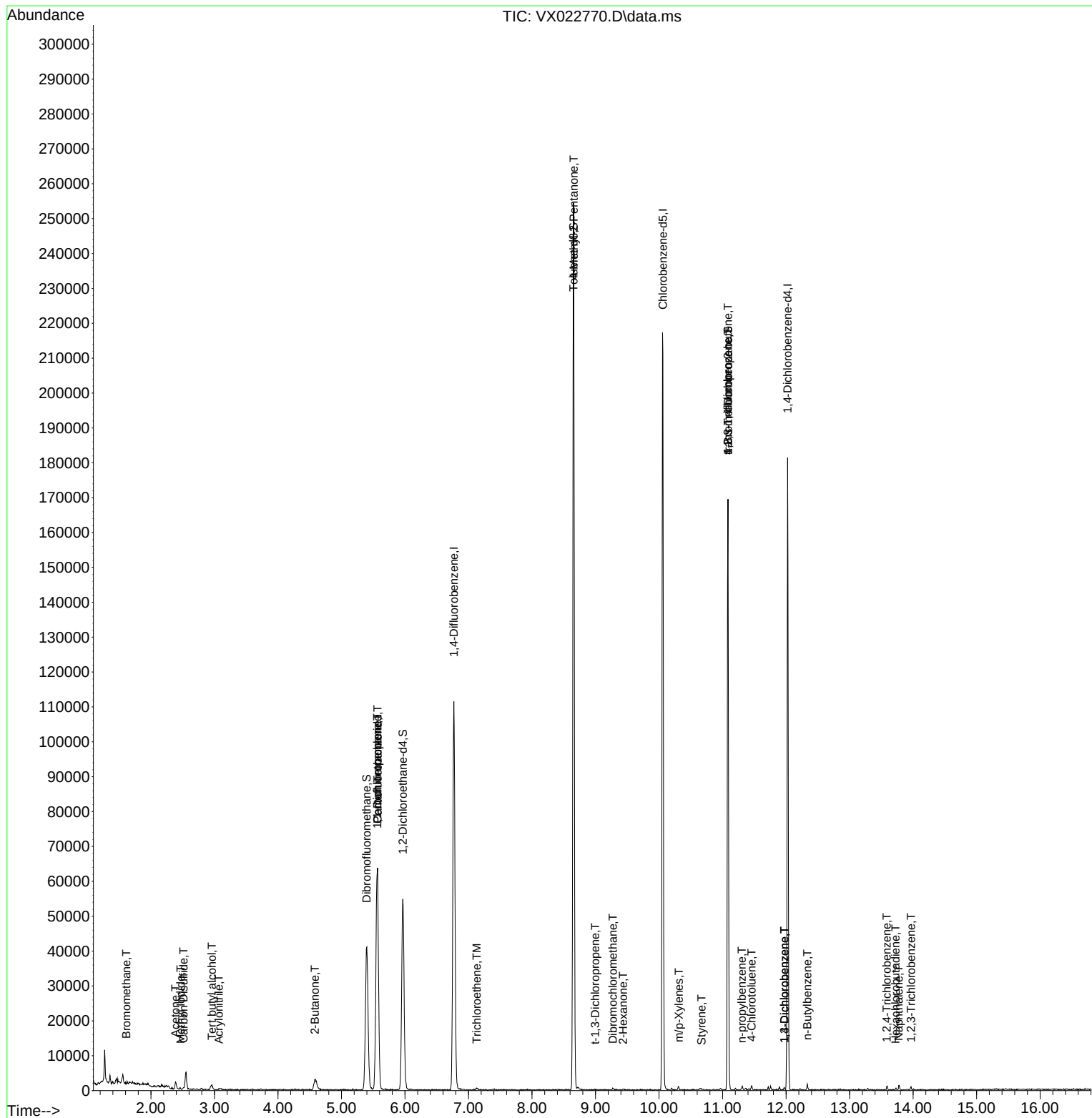
Internal Standards						
1) Pentafluorobenzene	5.568	168	54293	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	106593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	91635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	31749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49884	51.087	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.180%			
35) Dibromofluoromethane	5.397	113	35445	52.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.240%			
50) Toluene-d8	8.653	98	142780	53.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.520%			
62) 4-Bromofluorobenzene	11.085	95	46342	45.705	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.420%			
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	154	0.374	ug/l	# 42
10) Methyl Iodide	2.465	142	305	0.409	ug/l	# 57
11) Tert butyl alcohol	2.959	59	974	4.308	ug/l	# 73
15) Acrylonitrile	3.068	53	222	0.500	ug/l	# 65
16) Acetone	2.386	43	2196	5.023	ug/l	# 99
17) Carbon Disulfide	2.514	76	734	0.495	ug/l	# 75
20) Methylene Chloride	2.794	84	198	Below Cal	#	49
25) 2-Butanone	4.580	43	1196	1.687	ug/l	# 81
36) 1,1-Dichloropropene	5.562	75	5566	5.241	ug/l	# 49
38) Carbon Tetrachloride	5.568	117	6330	6.968	ug/l	# 16
44) Trichloroethene	7.129	130	262	0.353	ug/l	45
51) 4-Methyl-2-Pentanone	8.659	43	762	0.563	ug/l	# 1
53) t-1,3-Dichloropropene	8.994	75	27	3.279	ug/l	# 44
59) 2-Hexanone	9.433	43	283	0.274	ug/l	# 44
60) Dibromochloromethane	9.275	129	23	3.196	ug/l	# 11
68) m/p-Xylenes	10.311	106	297	0.233	ug/l	# 72
70) Styrene	10.671	104	136	1.512	ug/l	# 36
76) 1,2,3-Trichloropropane	11.085	75	25376	30.145	ug/l	# 39
78) n-propylbenzene	11.305	91	720	0.229	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	25376	74.668	ug/l	# 12
82) 4-Chlorotoluene	11.457	91	488	0.224	ug/l	85
87) 1,3-Dichlorobenzene	11.975	146	287	0.272	ug/l	83
88) 1,4-Dichlorobenzene	11.975	146	287	0.264	ug/l	83
89) n-Butylbenzene	12.335	91	608	0.289	ug/l	# 76
93) 1,2,4-Trichlorobenzene	13.585	180	268	0.434	ug/l	72
94) Hexachlorobutadiene	13.725	225	62	0.280	ug/l	78
95) Naphthalene	13.774	128	1132	1.882	ug/l	# 89
96) 1,2,3-Trichlorobenzene	13.969	180	235	0.390	ug/l	# 90

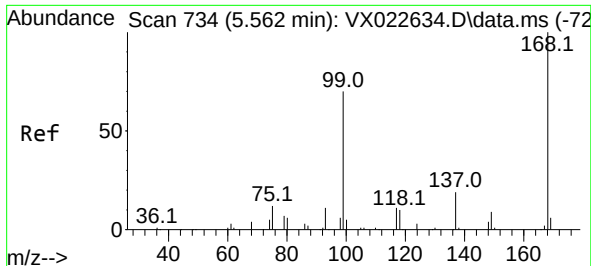
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061821\
Data File : VX022770.D
Acq On : 18 Jun 2021 16:35
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

Quant Time: Jun 19 01:45:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

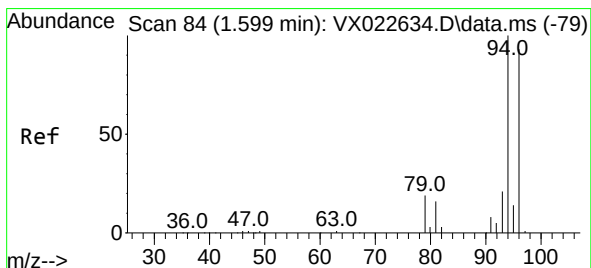
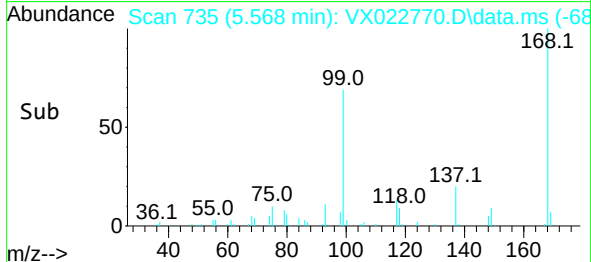
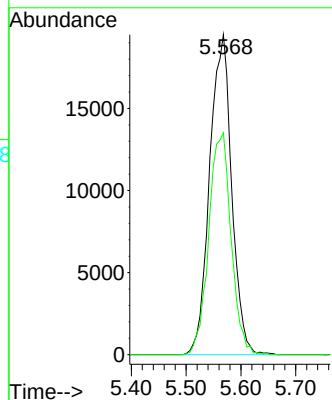
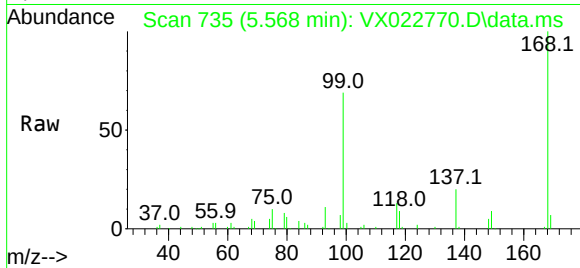




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

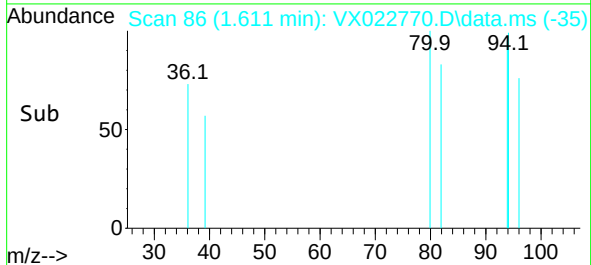
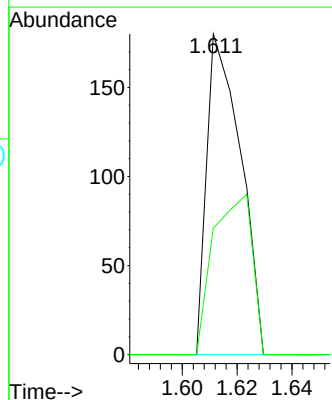
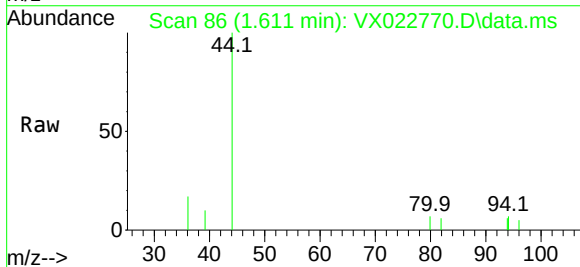
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

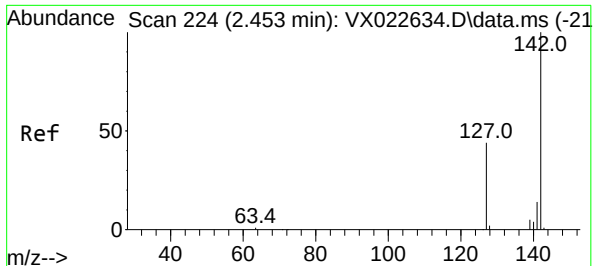
Tgt Ion:168 Resp: 54293
Ion Ratio Lower Upper
168 100
99 69.4 45.8 68.6#



#5
Bromomethane
Concen: 0.374 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

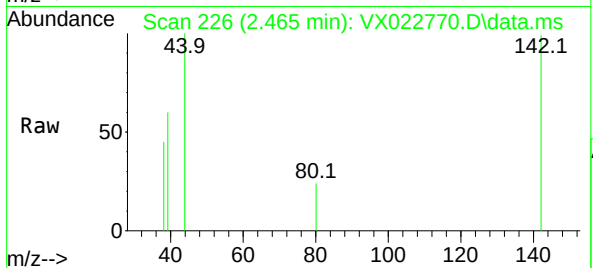
Tgt Ion: 94 Resp: 154
Ion Ratio Lower Upper
94 100
96 39.4 76.4 114.6#



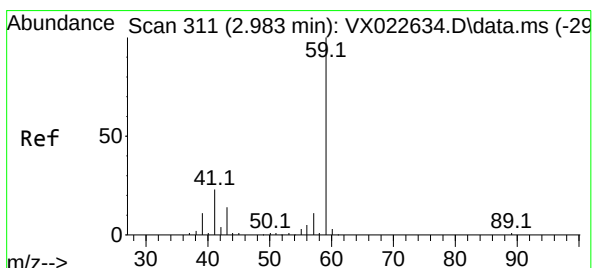
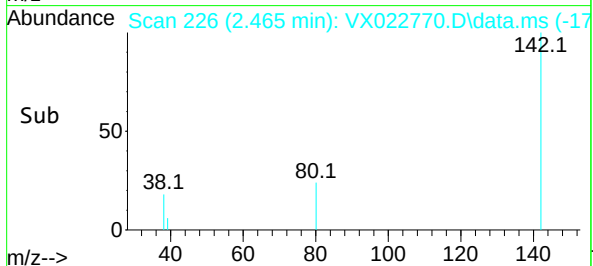
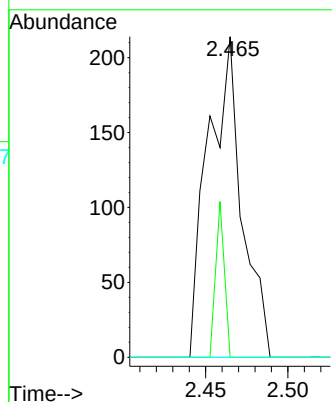


#10
Methyl Iodide
Concen: 0.409 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

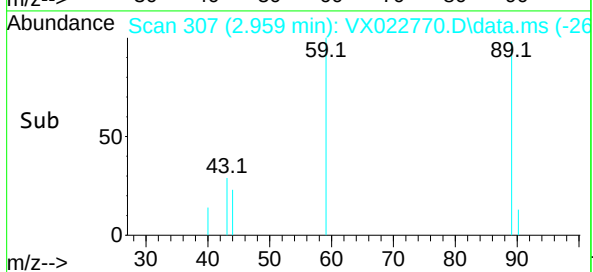
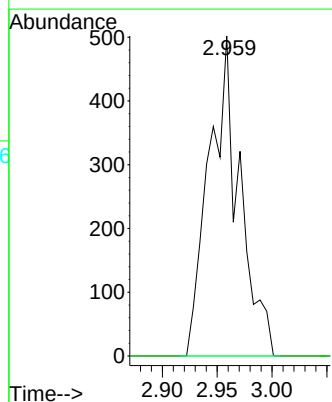
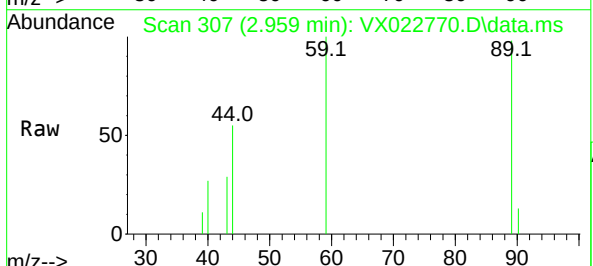


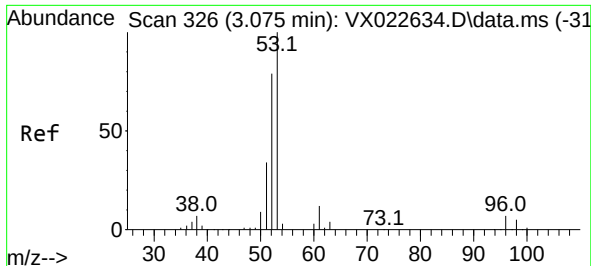
Tgt Ion:142 Resp: 305
Ion Ratio Lower Upper
142 100
127 12.5 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.308 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Tgt Ion: 59 Resp: 974
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

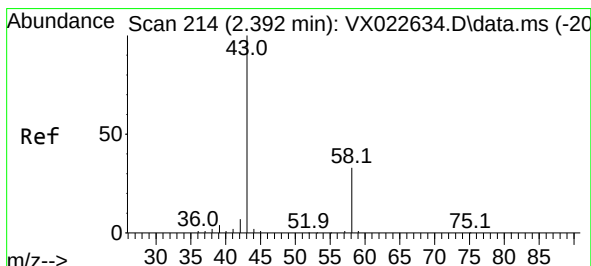
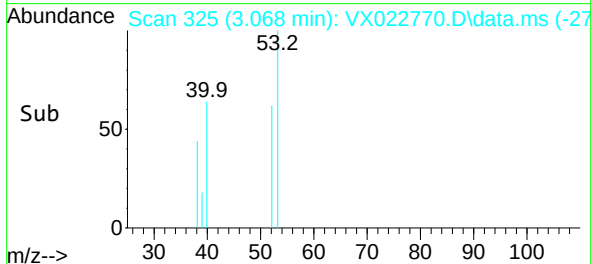
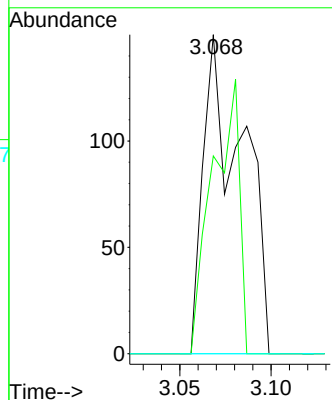
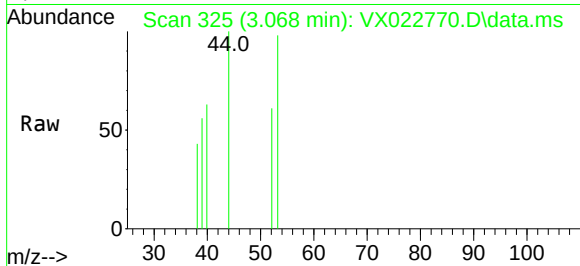




#15
Acrylonitrile
Concen: 0.500 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.007 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

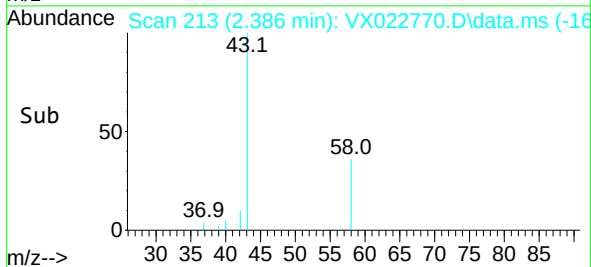
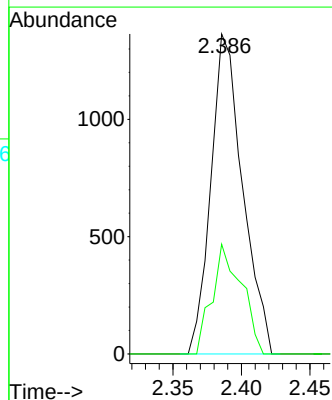
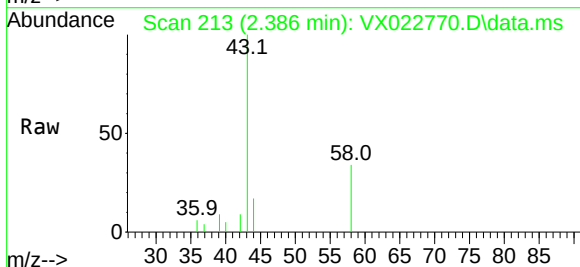
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

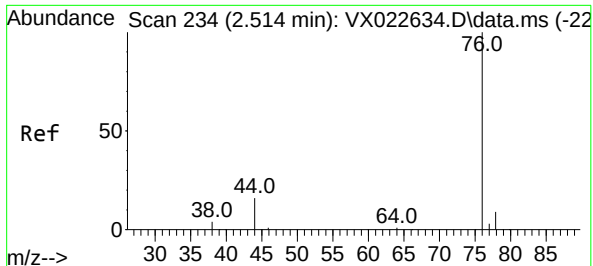
Tgt Ion: 53 Resp: 222
Ion Ratio Lower Upper
53 100
52 59.9 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 5.023 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Tgt Ion: 43 Resp: 2196
Ion Ratio Lower Upper
43 100
58 34.3 27.8 41.8

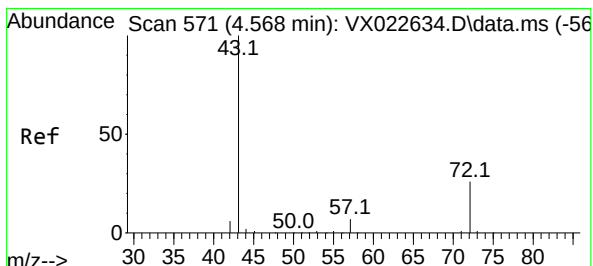
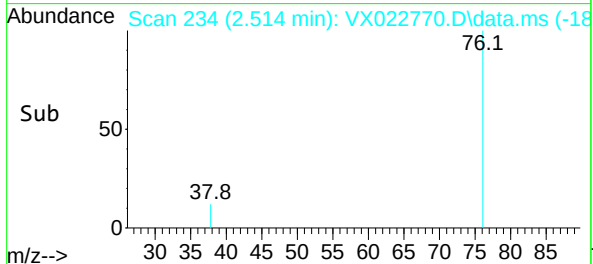
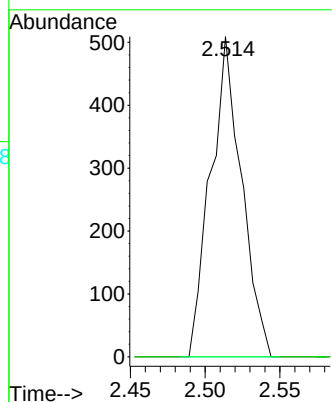
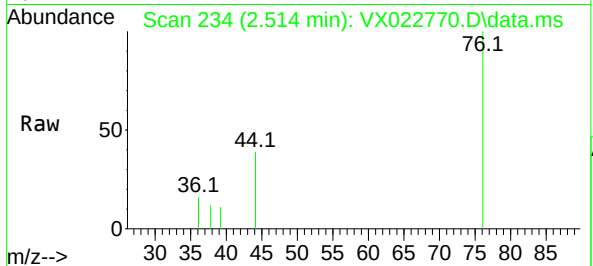




#17
Carbon Disulfide
Concen: 0.495 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

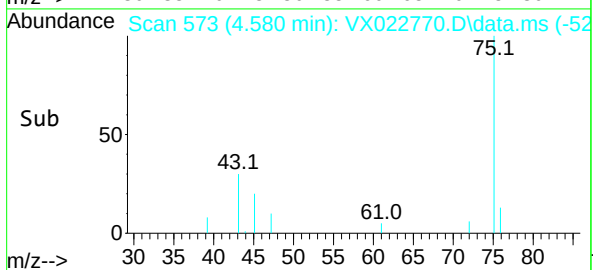
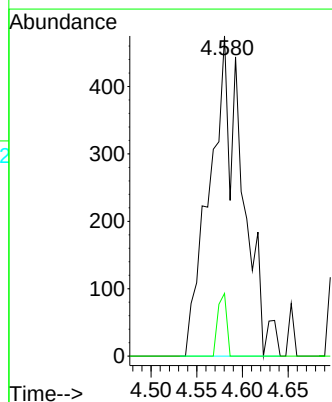
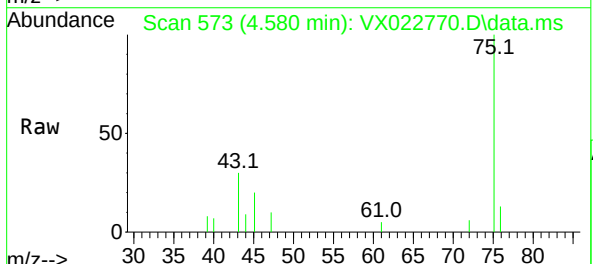
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

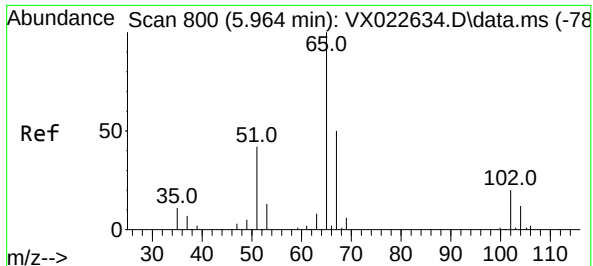
Tgt Ion: 76 Resp: 734
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 1.687 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
72 19.6 23.7 35.5#



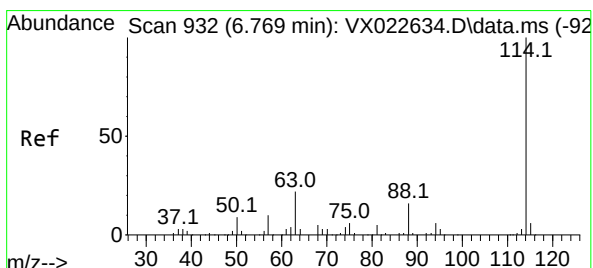
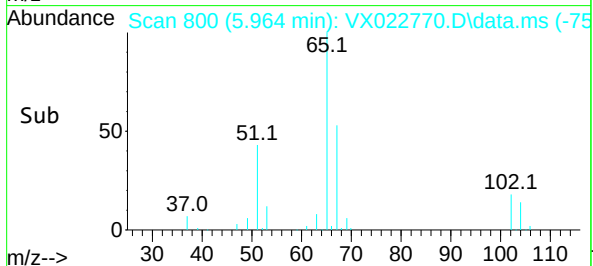
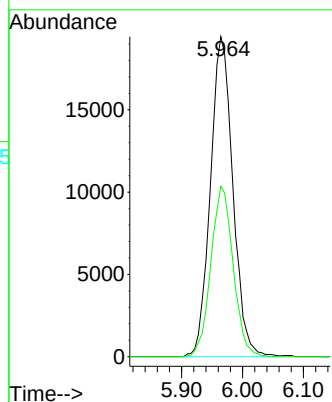
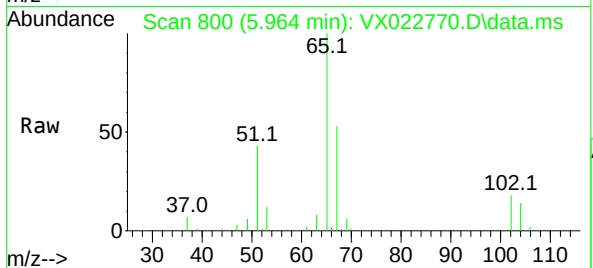


#33

1,2-Dichloroethane-d4
Concen: 51.087 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

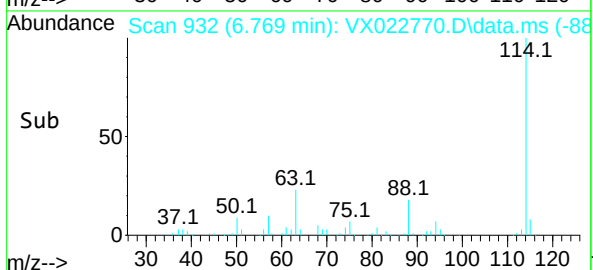
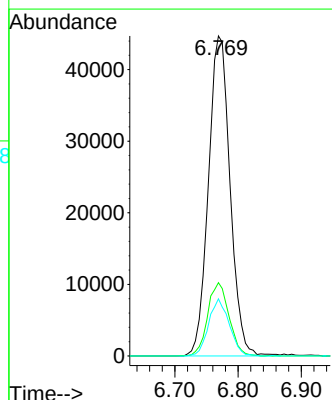
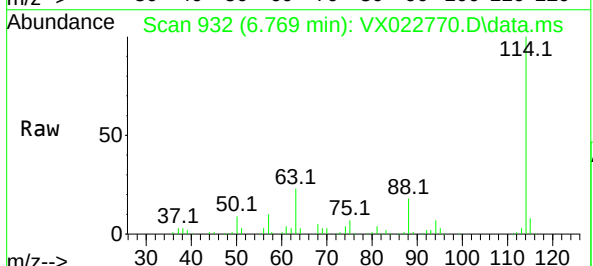
Tgt Ion: 65 Resp: 49884
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

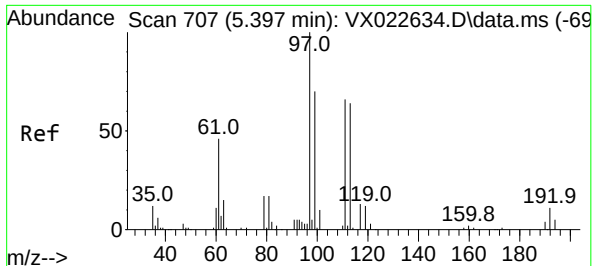


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Tgt Ion: 114 Resp: 106593
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.8
88 17.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.118 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022770.D

Acq: 18 Jun 2021 16:35

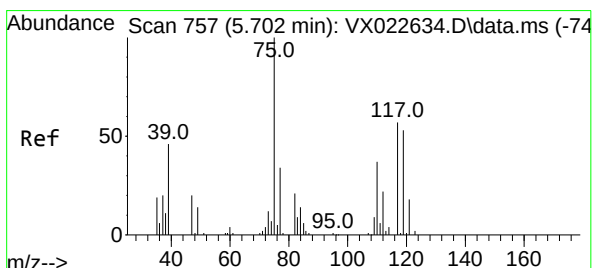
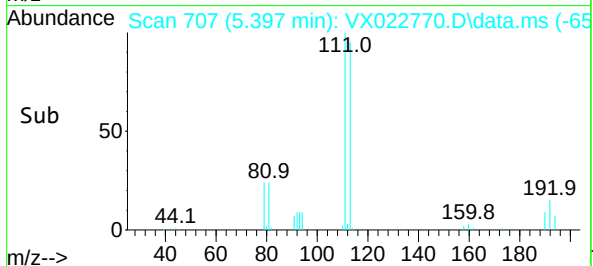
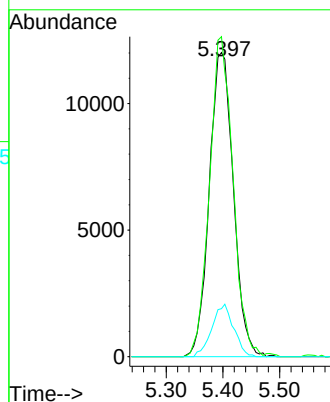
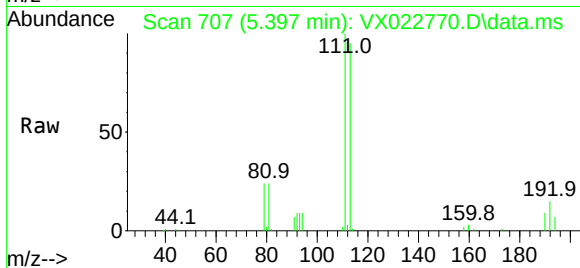
Tgt Ion:113 Resp: 35445

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 15.6 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.241 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022770.D

Acq: 18 Jun 2021 16:35

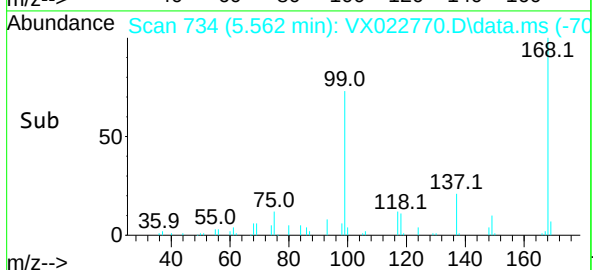
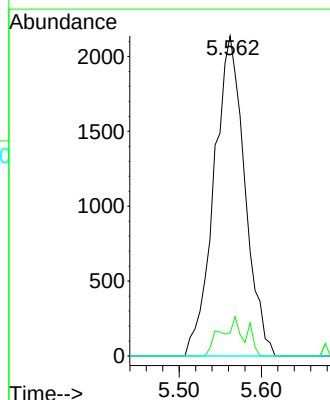
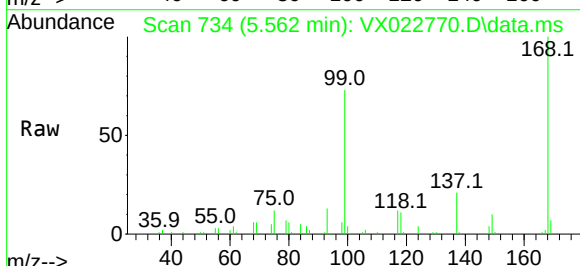
Tgt Ion: 75 Resp: 5566

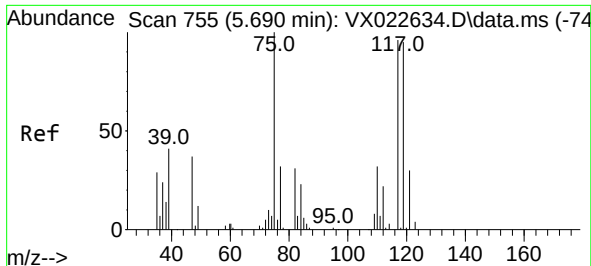
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

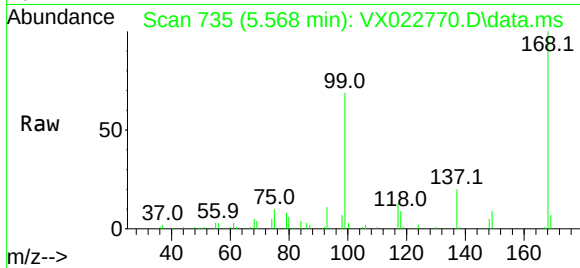
77 0.0 25.3 37.9#



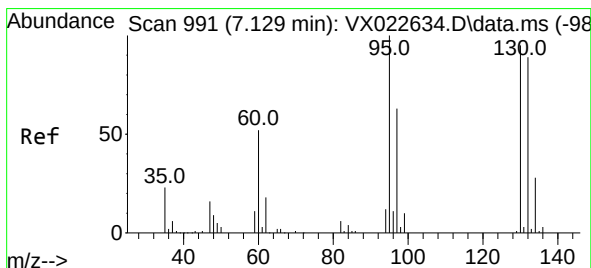
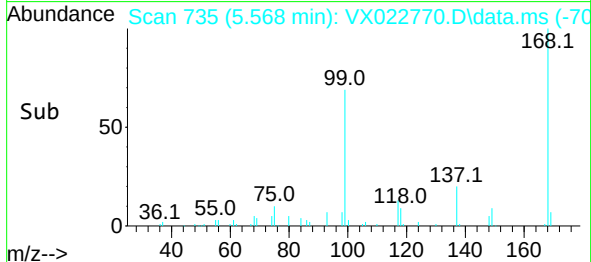
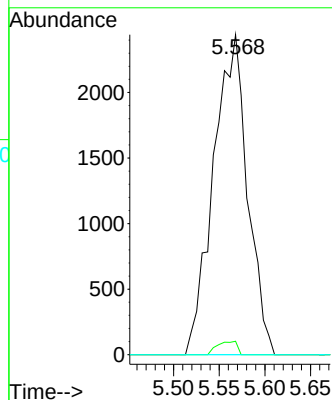


#38
Carbon Tetrachloride
Concen: 6.968 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.110 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

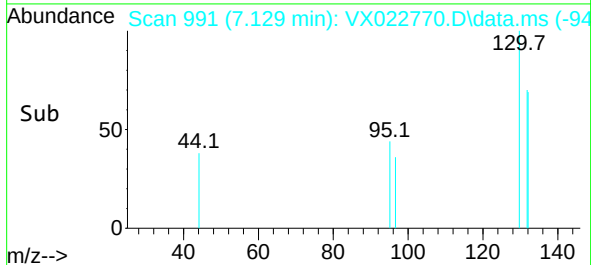
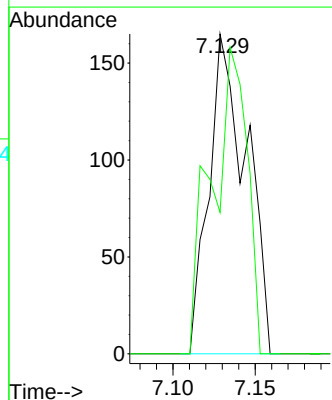
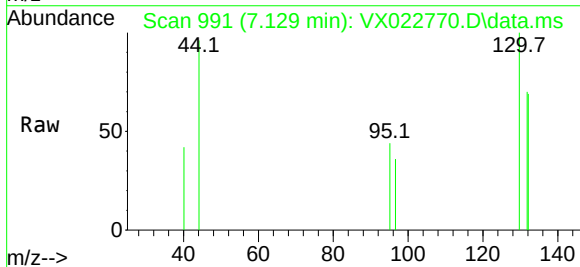


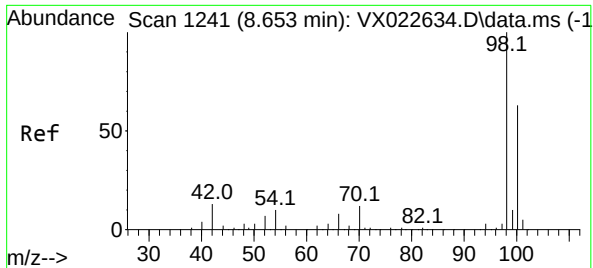
Tgt Ion:117 Resp: 6330
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.353 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Tgt Ion:130 Resp: 262
Ion Ratio Lower Upper
130 100
95 44.2 0.0 198.0

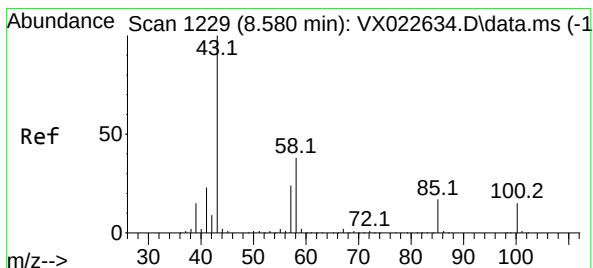
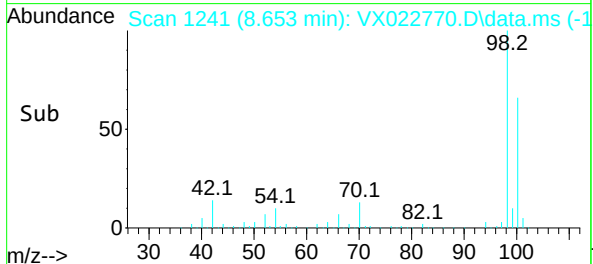
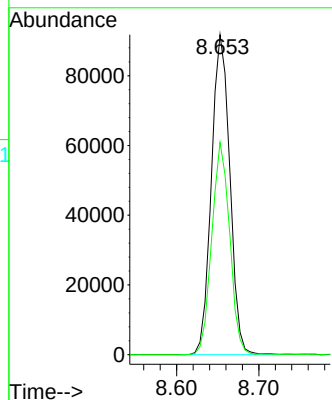
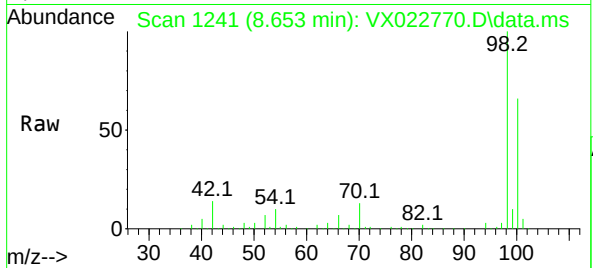




#50
Toluene-d8
Concen: 53.257 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

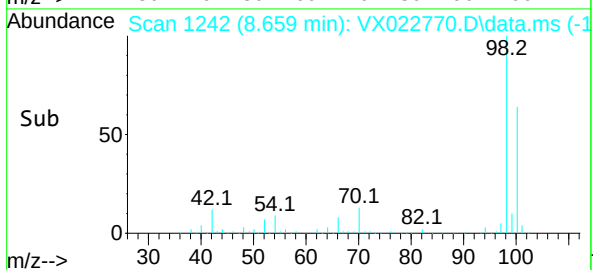
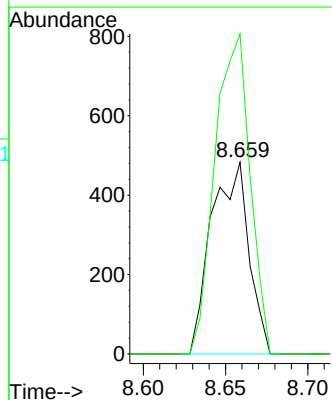
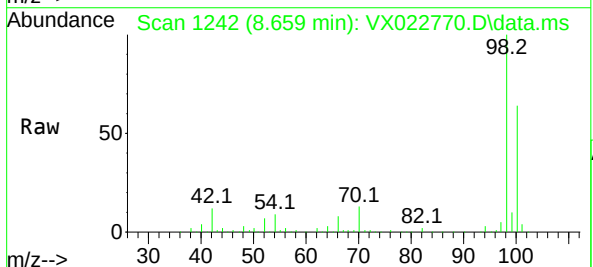
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

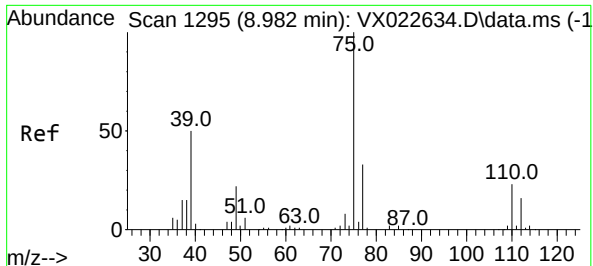
Tgt Ion: 98 Resp: 142780
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
58 156.7 35.4 53.0#

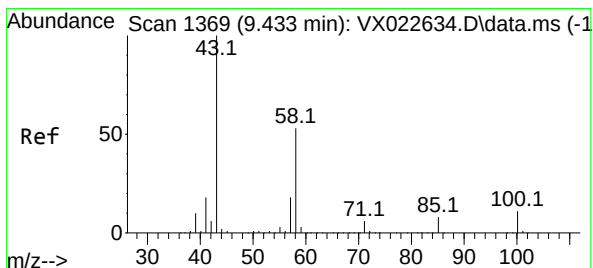
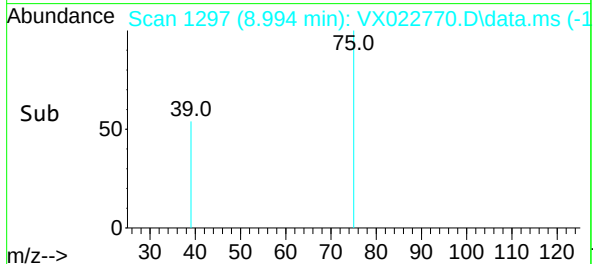
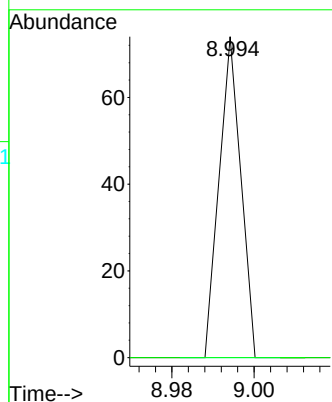
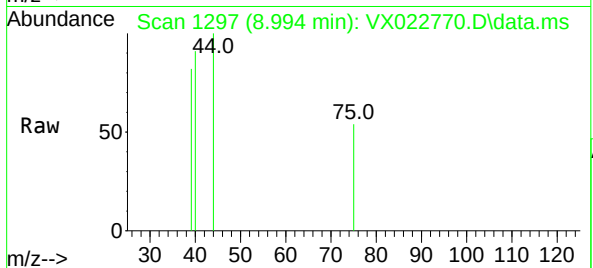




#53
t-1,3-Dichloropropene
Concen: 3.279 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

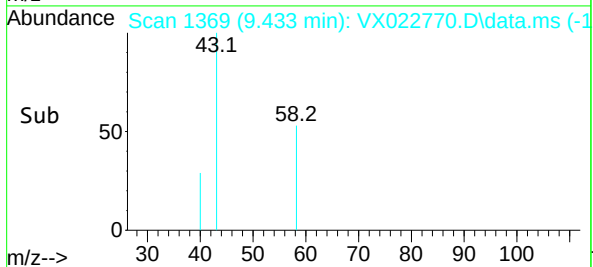
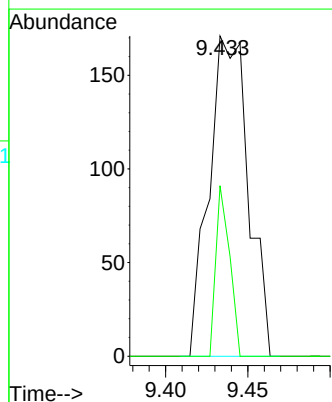
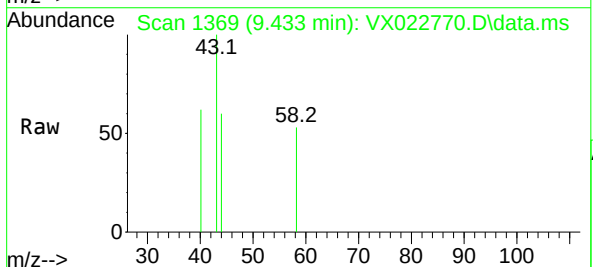
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

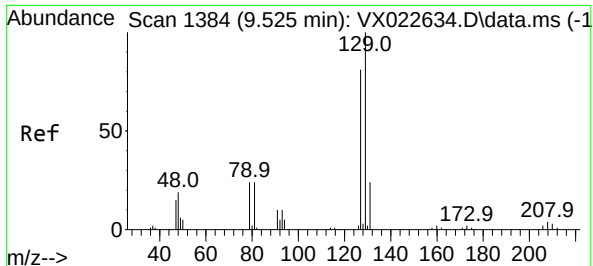
Tgt Ion: 75 Resp: 27
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#59
2-Hexanone
Concen: 0.274 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Tgt Ion: 43 Resp: 283
Ion Ratio Lower Upper
43 100
58 18.7 30.9 92.8#

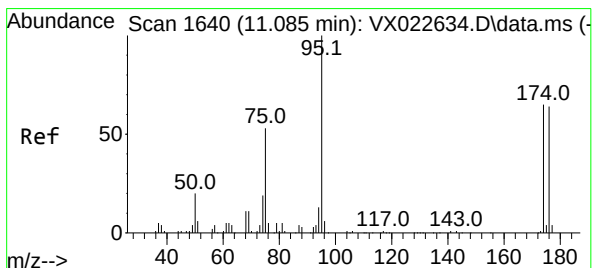
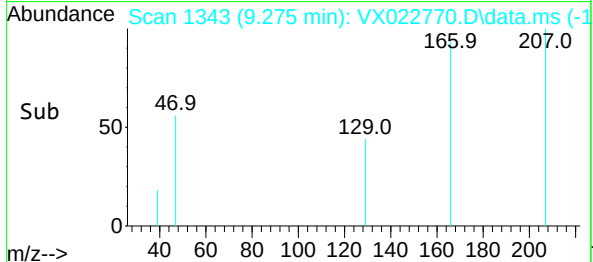
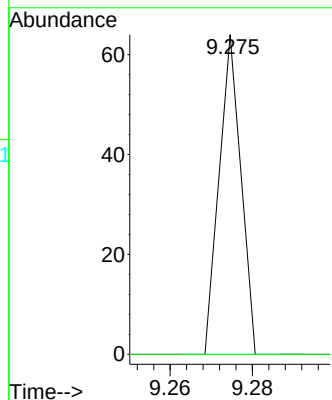
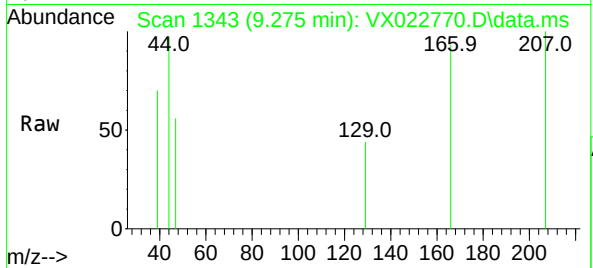




#60
Dibromochloromethane
Concen: 3.196 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

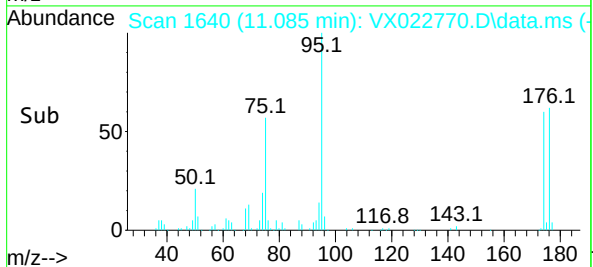
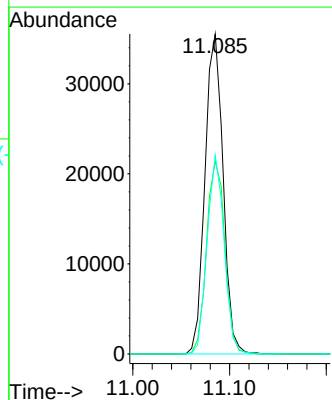
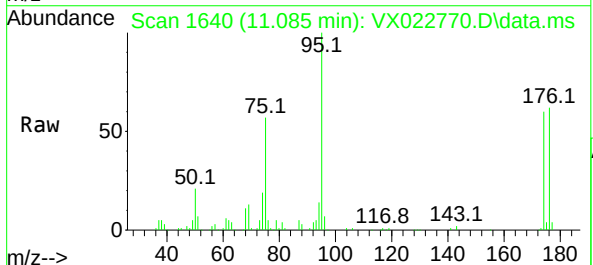
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

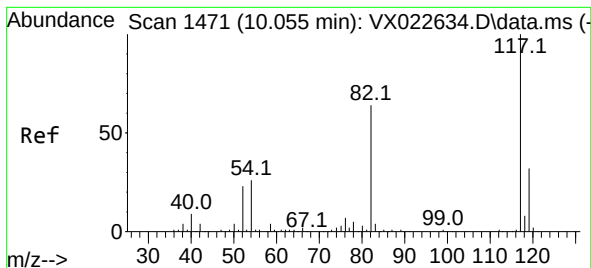
Tgt Ion:129 Resp: 23
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.705 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Tgt Ion: 95 Resp: 46342
Ion Ratio Lower Upper
95 100
174 60.9 0.0 154.6
176 58.5 0.0 155.8

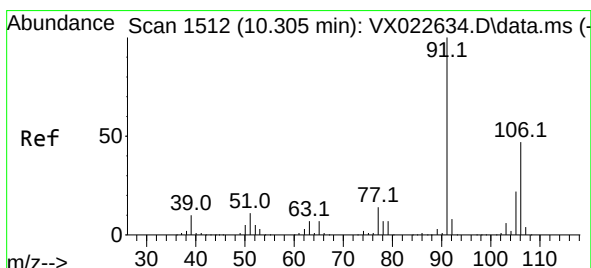
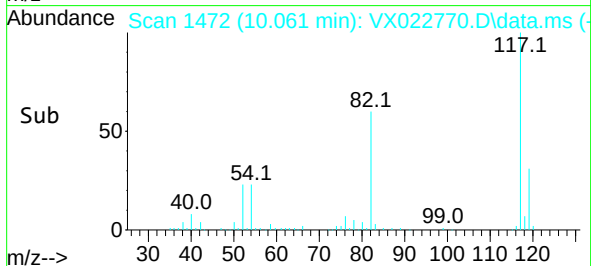
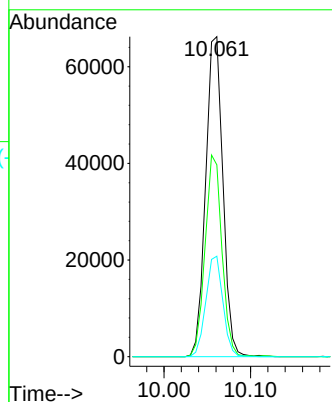
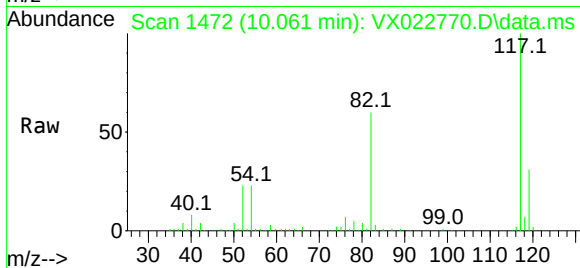




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

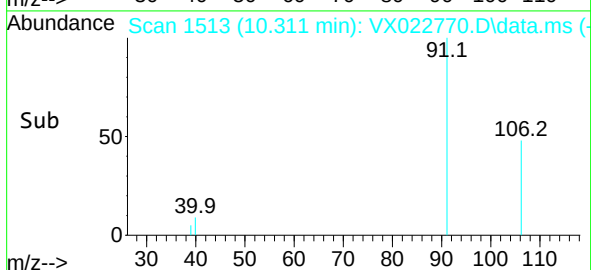
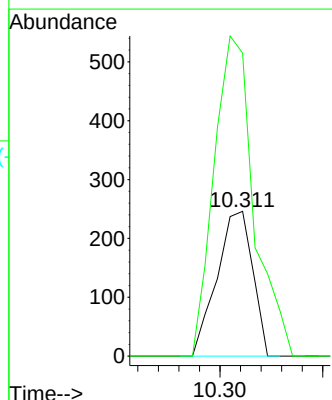
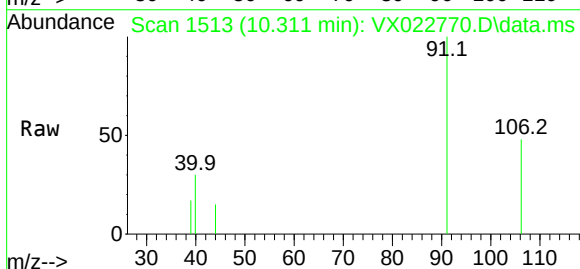
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

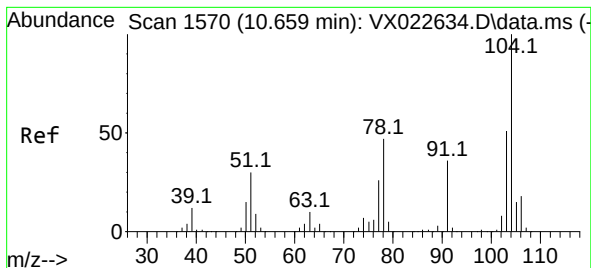
Tgt Ion:117 Resp: 91635
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 31.4 26.6 39.8



#68
m/p-Xylenes
Concen: 0.233 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Tgt Ion:106 Resp: 297
Ion Ratio Lower Upper
106 100
91 246.5 162.8 244.2#





#70

Styrene

Concen: 1.512 ug/l

RT: 10.671 min Scan# 1572

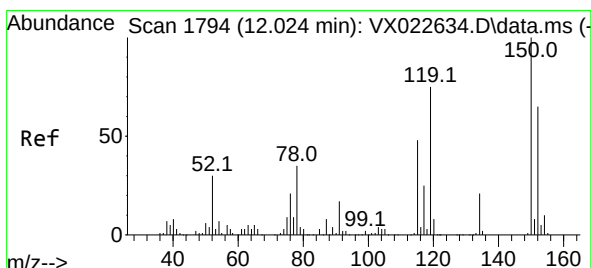
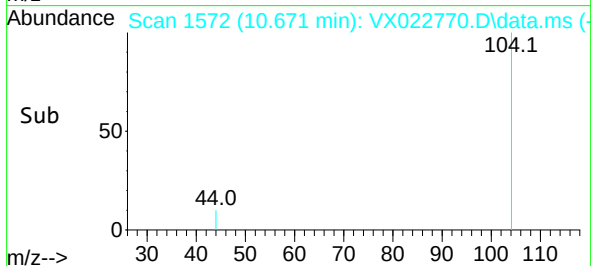
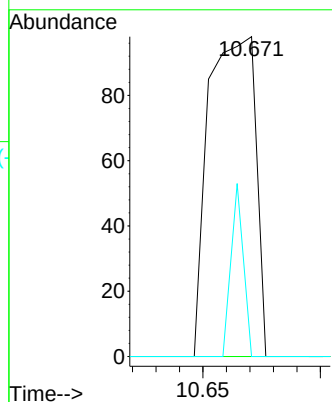
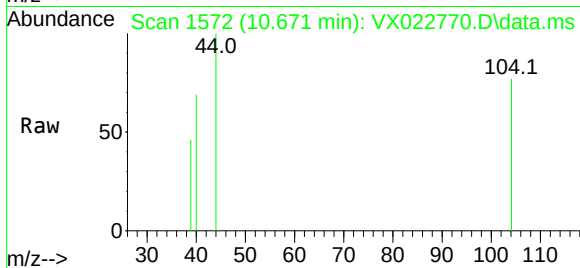
Delta R.T. 0.012 min

Lab File: VX022770.D

Acq: 18 Jun 2021 16:35

Tgt Ion:104	Resp:	136
Ion Ratio	Lower	Upper
104	100	
78	0.0	40.0
103	14.0	43.4

Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

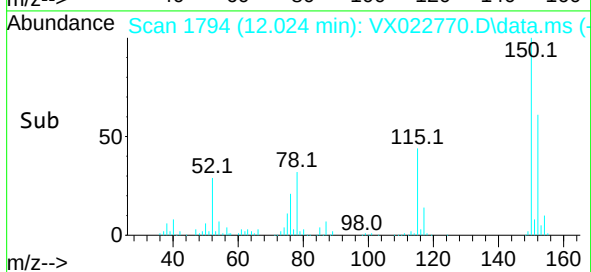
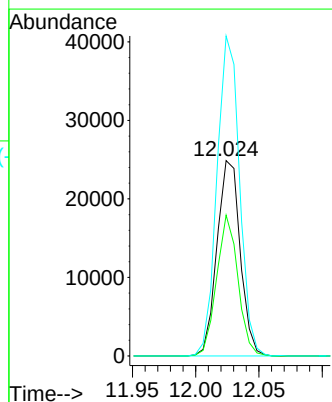
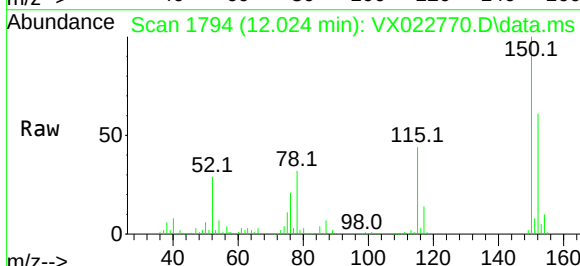
RT: 12.024 min Scan# 1794

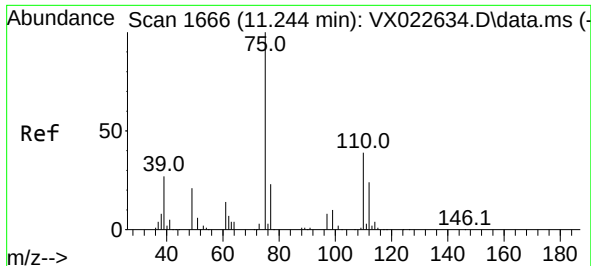
Delta R.T. -0.000 min

Lab File: VX022770.D

Acq: 18 Jun 2021 16:35

Tgt Ion:152	Resp:	31749
Ion Ratio	Lower	Upper
152	100	
115	66.1	41.1
150	159.0	0.0

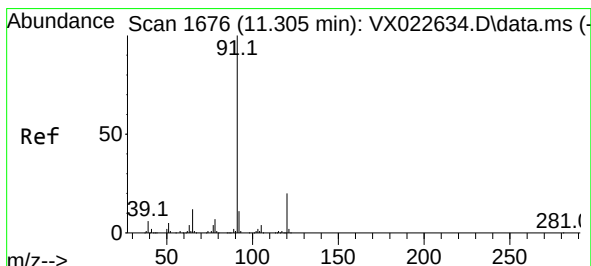
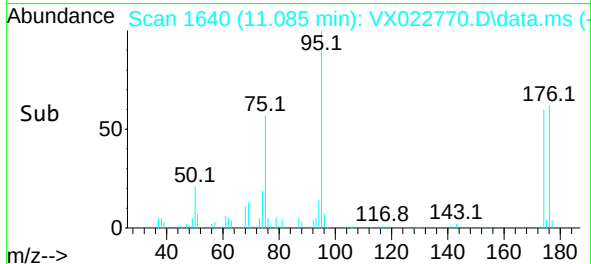
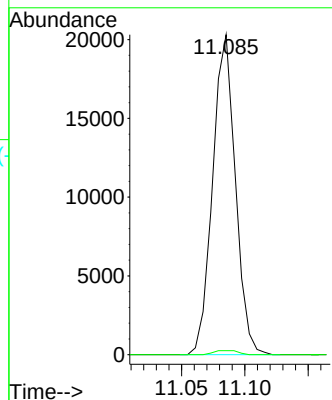
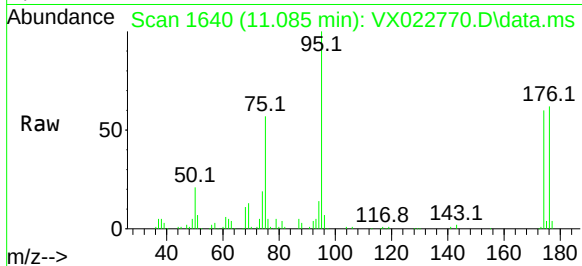




#76
1,2,3-Trichloropropane
Concen: 30.145 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

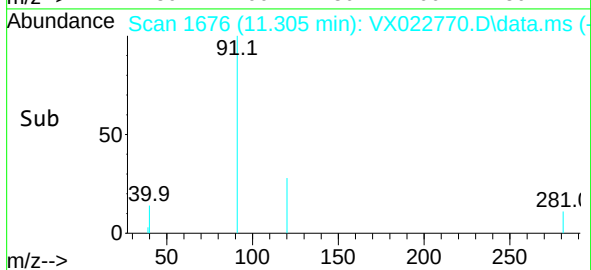
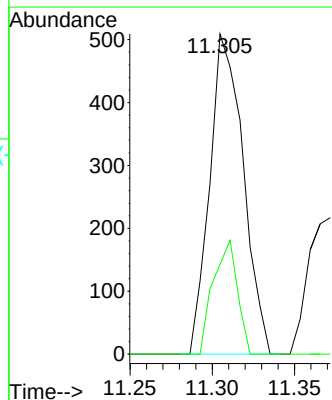
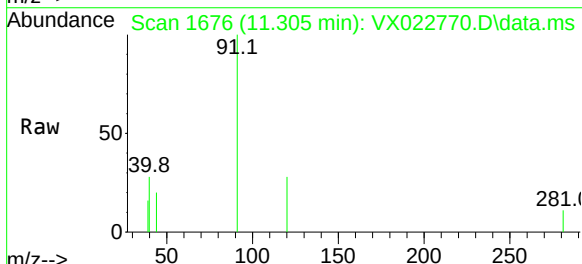
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

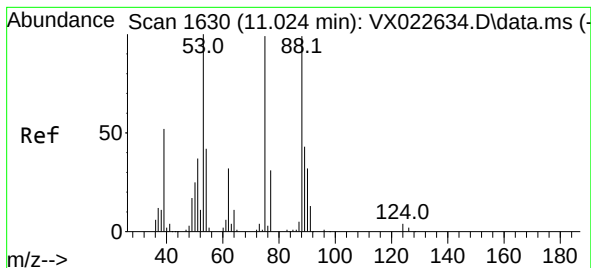
Tgt Ion: 75 Resp: 25376
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#78
n-propylbenzene
Concen: 0.229 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Tgt Ion: 91 Resp: 720
Ion Ratio Lower Upper
91 100
120 25.6 11.5 34.5

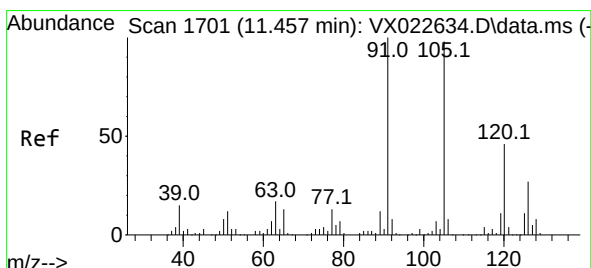
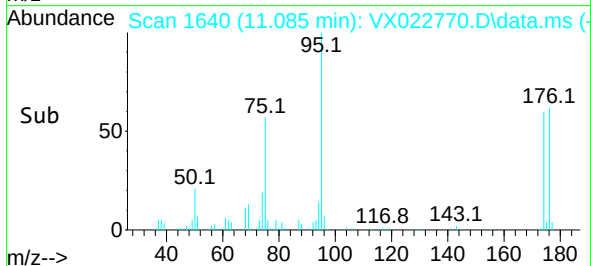
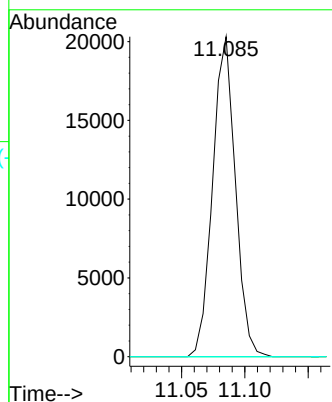
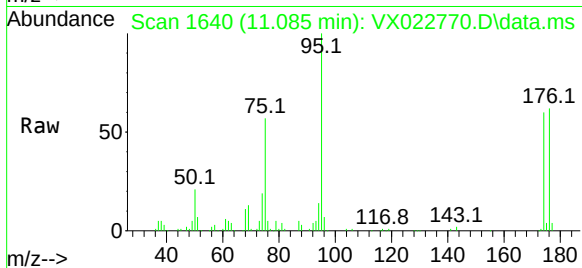




#81
trans-1,4-Dichloro-2-butene
Concen: 74.668 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

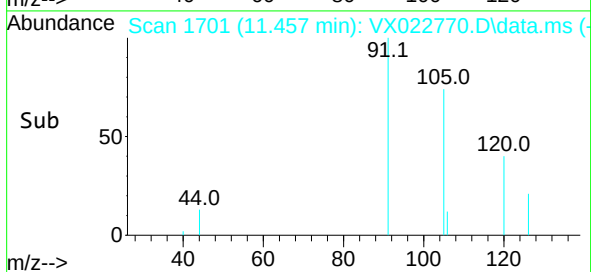
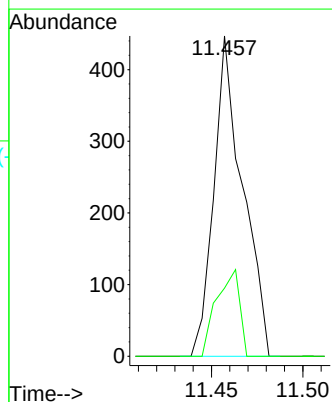
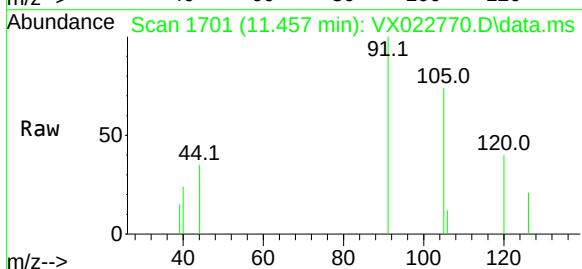
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

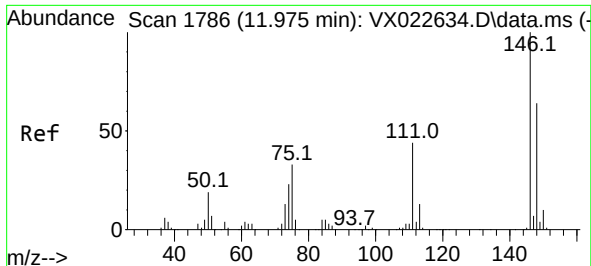
Tgt Ion: 75 Resp: 25376
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 0.224 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Tgt Ion: 91 Resp: 488
Ion Ratio Lower Upper
91 100
126 21.7 14.9 44.5





#87

1,3-Dichlorobenzene

Concen: 0.272 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.000 min

Lab File: VX022770.D

Acq: 18 Jun 2021 16:35

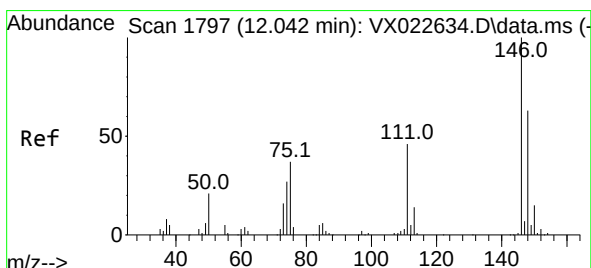
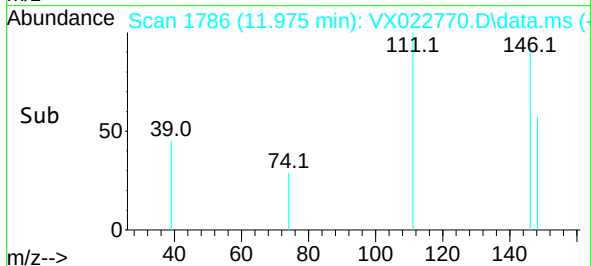
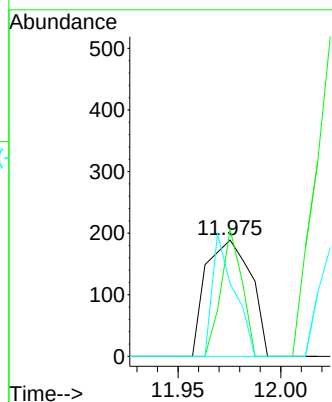
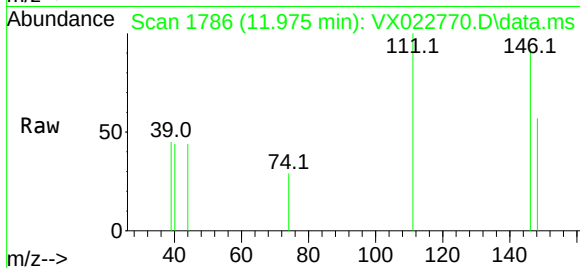
Tgt Ion:146 Resp: 287

Ion Ratio Lower Upper

146 100

111 51.2 20.2 60.5

148 50.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 0.264 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.068 min

Lab File: VX022770.D

Acq: 18 Jun 2021 16:35

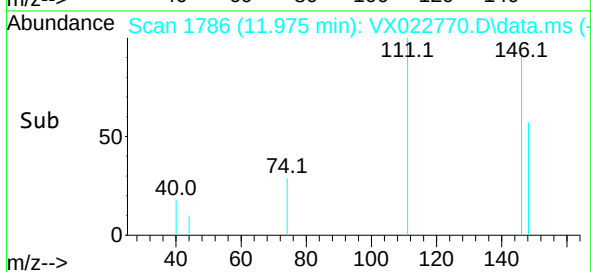
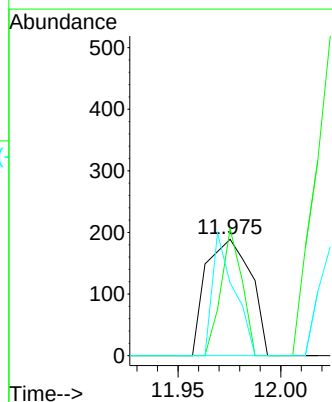
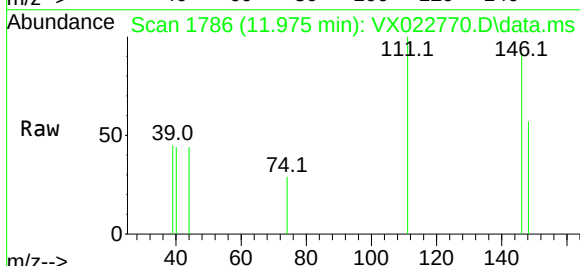
Tgt Ion:146 Resp: 287

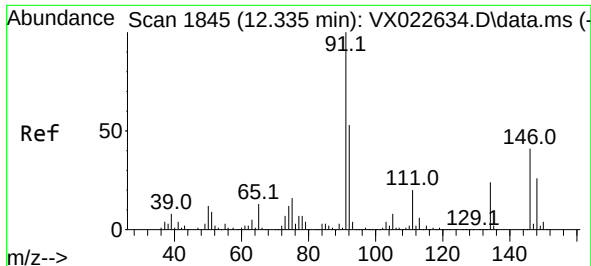
Ion Ratio Lower Upper

146 100

111 51.2 19.6 58.8

148 50.9 31.6 95.0

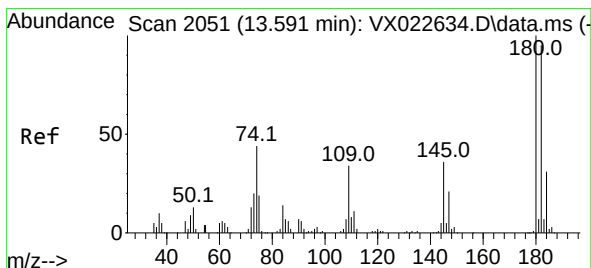
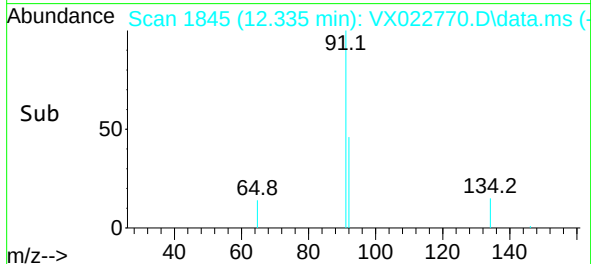
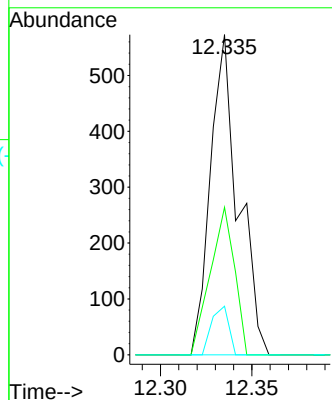
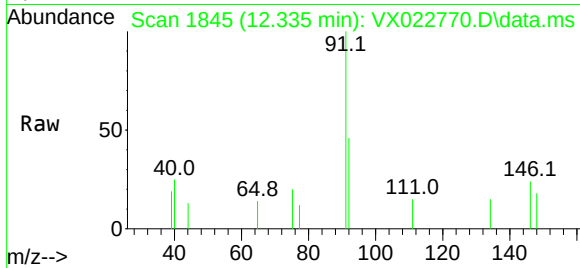




#89
n-Butylbenzene
Concen: 0.289 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

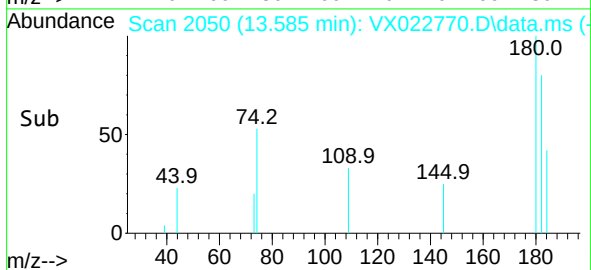
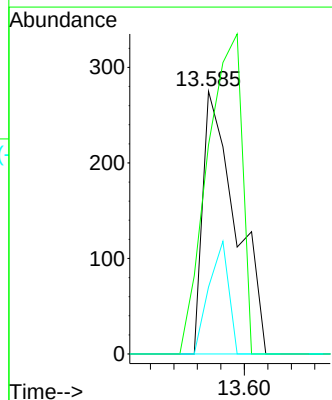
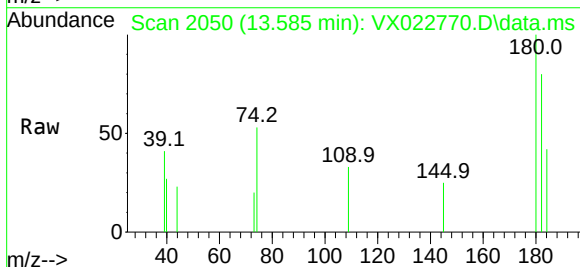
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

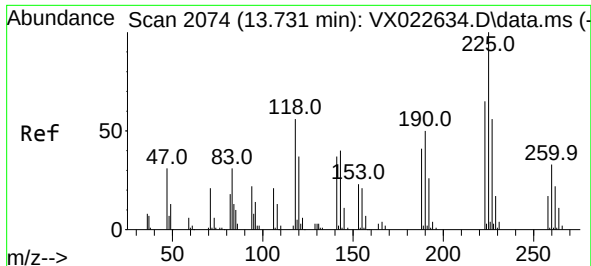
Tgt Ion: 91 Resp: 608
Ion Ratio Lower Upper
91 100
92 40.1 27.4 82.0
134 9.4 13.2 39.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.434 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

Tgt Ion: 180 Resp: 268
Ion Ratio Lower Upper
180 100
182 128.4 47.7 143.1
145 25.7 15.0 45.0

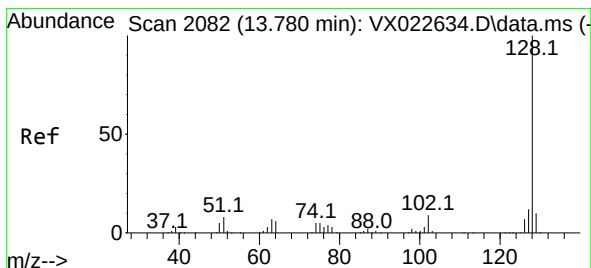
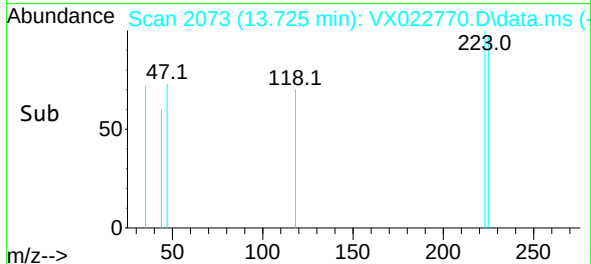
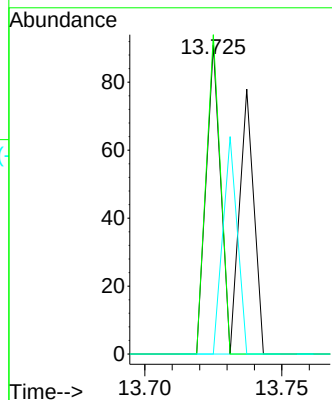
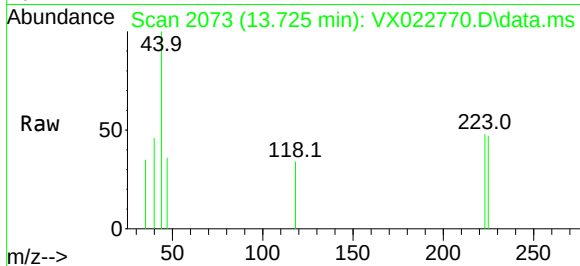




#94
Hexachlorobutadiene
Concen: 0.280 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

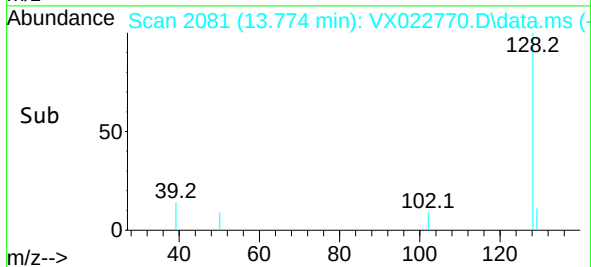
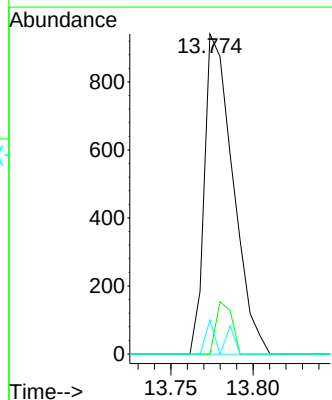
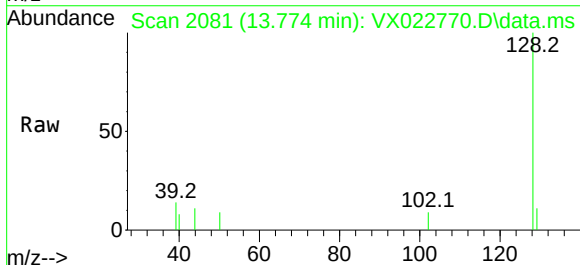
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210616

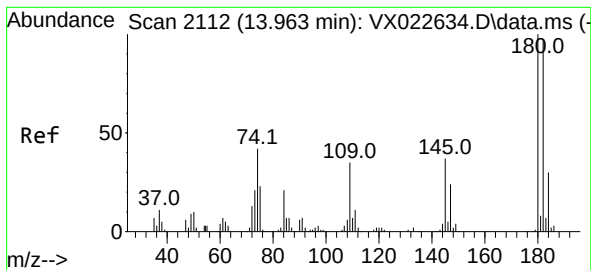
Tgt Ion:	225	Resp:	62
Ion	Ratio	Lower	Upper
225	100		
223	54.8	31.1	93.2
227	37.1	31.6	95.0



#95
Naphthalene
Concen: 1.882 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX022770.D
Acq: 18 Jun 2021 16:35

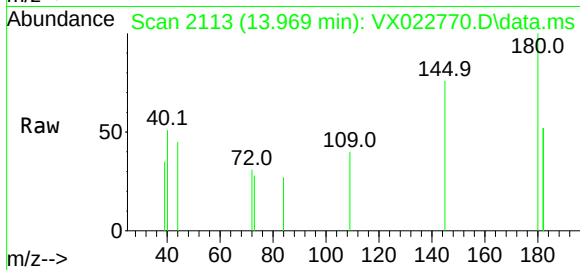
Tgt Ion:	128	Resp:	1132
Ion	Ratio	Lower	Upper
128	100		
127	9.1	10.3	15.5#
129	5.9	8.8	13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.390 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX022770.D
 Acq: 18 Jun 2021 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20210616



Tgt Ion:180 Resp: 235
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.6 142.9
 145 52.3 16.1 48.3#

