

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066958.D
 Acq On : 5 May 2021 1:08
 Operator : JC/MD
 Sample : PB136139ZHE#15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

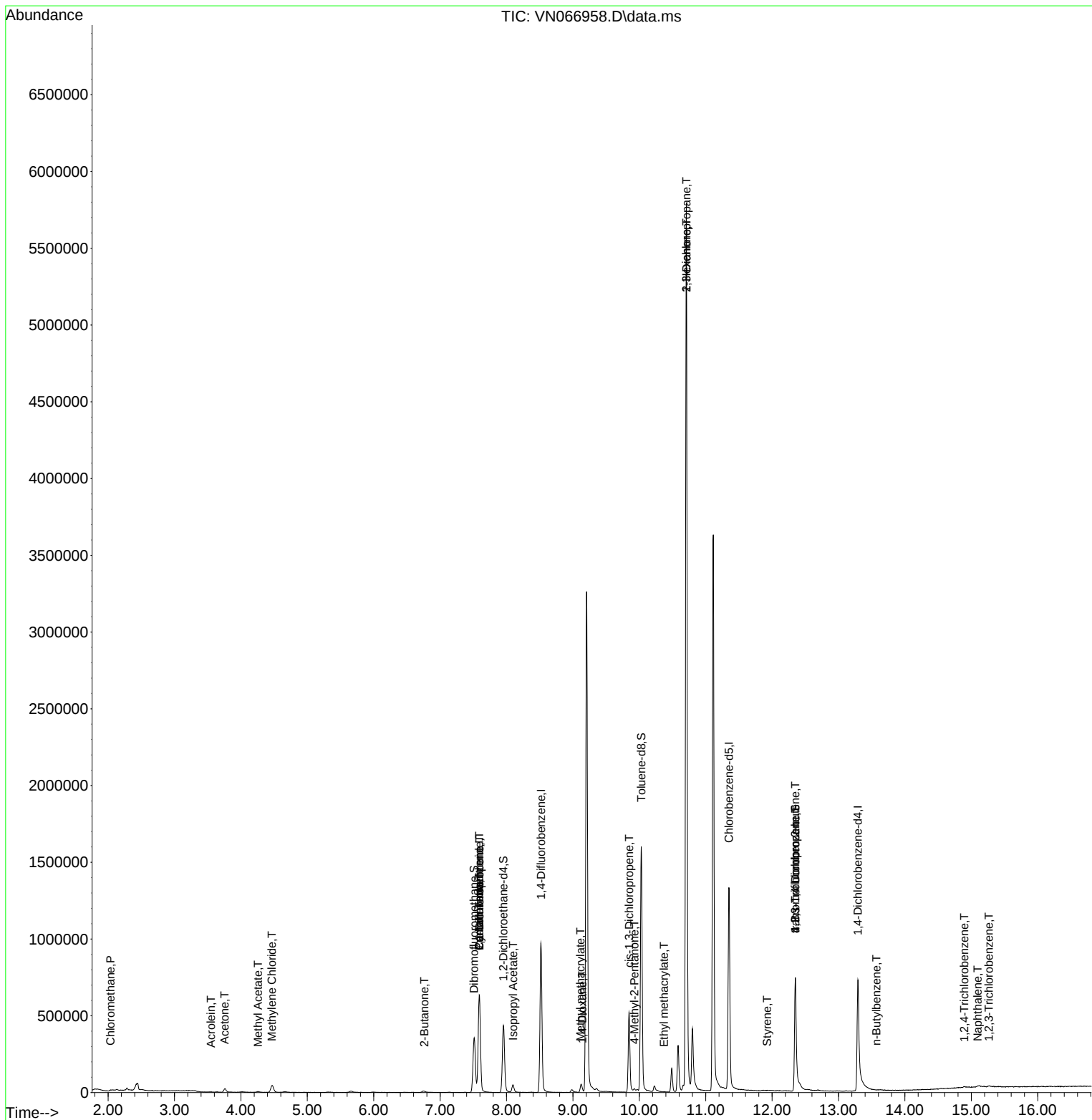
Quant Time: May 05 07:48:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

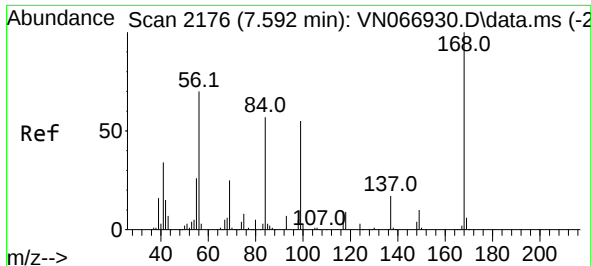
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.589	168	488919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	823759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	771193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	259415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	399142	51.87	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.74%			
35) Dibromofluoromethane	7.512	113	275636	49.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.56%			
50) Toluene-d8	10.030	98	1089880	51.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.32%			
62) 4-Bromofluorobenzene	12.350	95	335253	46.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.96%			
Target Compounds						Qvalue
3) Chloromethane	2.035	50	2142	0.23	ug/l #	80
13) Acrolein	3.548	56	964	1.07	ug/l #	36
16) Acetone	3.754	43	35785	13.22	ug/l	95
18) Methyl Acetate	4.258	43	9194	1.19	ug/l #	83
20) Methylene Chloride	4.468	84	33678	4.90	ug/l	95
25) 2-Butanone	6.763	43	6930	1.74	ug/l	94
31) Cyclohexane	7.589	56	12003	1.11	ug/l #	2
36) 1,1-Dichloropropene	7.592	75	42905	5.00	ug/l #	48
38) Carbon Tetrachloride	7.589	117	49580	5.54	ug/l #	17
43) Isopropyl Acetate	8.099	43	62866	4.43	ug/l #	87
48) Methyl methacrylate	9.115	41	13673	2.17	ug/l #	10
49) 1,4-Dioxane	9.142	88	25	0.25	ug/l #	1
51) 4-Methyl-2-Pentanone	9.925	43	13144	1.60	ug/l #	82
54) cis-1,3-Dichloropropene	9.845	75	94820	8.40	ug/l #	68
56) Ethyl methacrylate	10.373	69	252	5.21	ug/l #	27
57) 1,3-Dichloropropane	10.709	76	57196	5.14	ug/l #	44
59) 2-Hexanone	10.709	43	833233	151.57	ug/l #	50
70) Styrene	11.926	104	221	4.72	ug/l #	75
76) 1,2,3-Trichloropropane	12.350	75	170800	27.64	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	170800	82.59	ug/l #	12
89) n-Butylbenzene	13.573	91	80	5.25	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.895	180	1724	0.40	ug/l	89
95) Naphthalene	15.096	128	5648	0.50	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.265	180	1404	0.33	ug/l #	62

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

Quant Time: May 05 07:48:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Wed May 05 07:24:52 2021
Response via : Initial Calibration

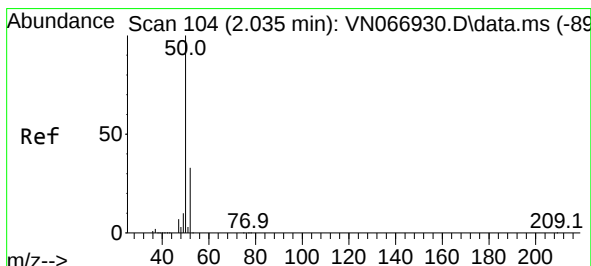
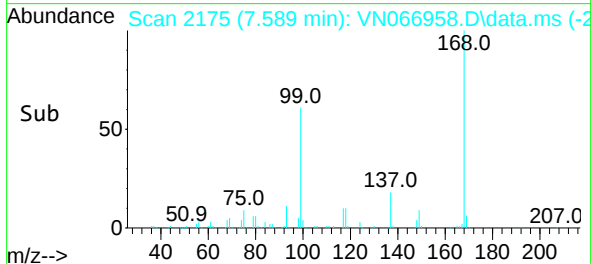
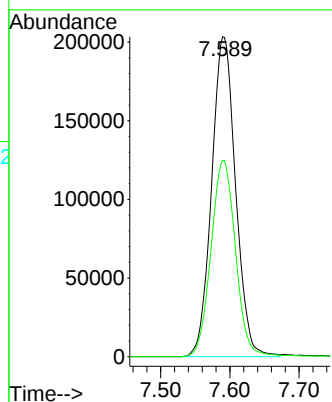
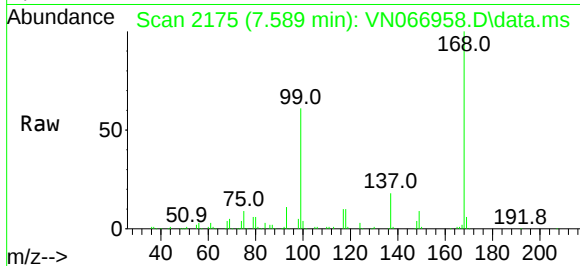




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.003 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

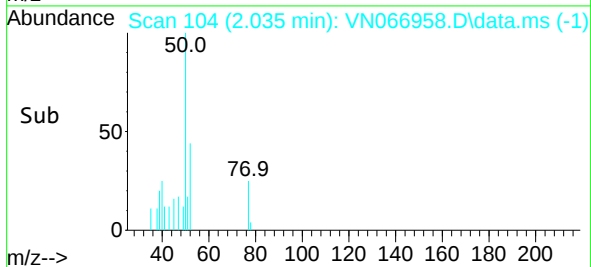
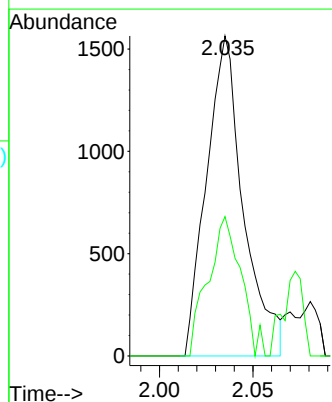
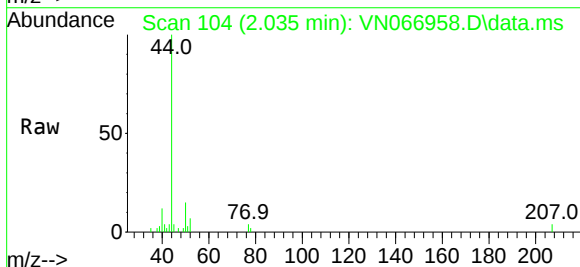
Instrument :
MSVOA_N
ClientSampled :

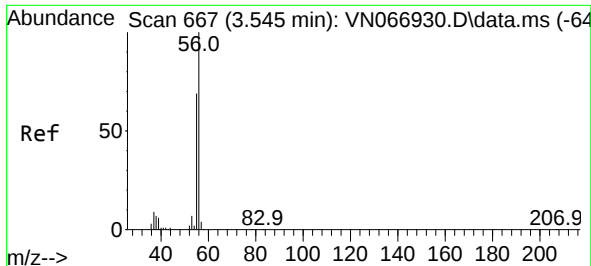
Tgt Ion:168 Resp: 488919
Ion Ratio Lower Upper
168 100
99 61.4 42.6 63.8



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.035 min Scan# 104
Delta R.T. 0.000 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

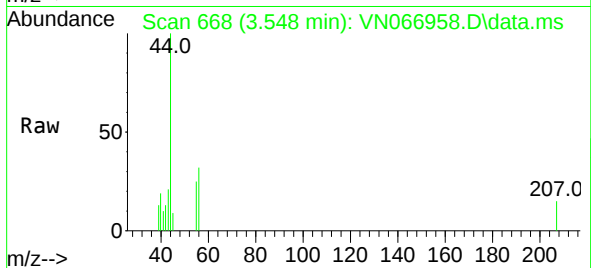
Tgt Ion: 50 Resp: 2142
Ion Ratio Lower Upper
50 100
52 43.5 25.8 38.8#



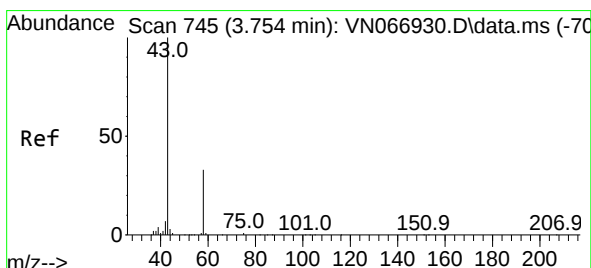
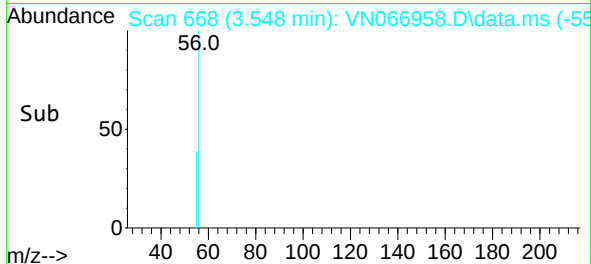
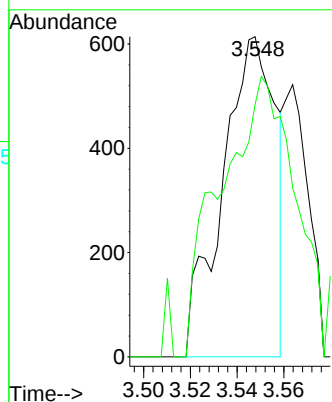


#13
Acrolein
Concen: 1.07 ug/l
RT: 3.548 min Scan# 668
Delta R.T. 0.003 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

Instrument :
MSVOA_N
ClientSampled :

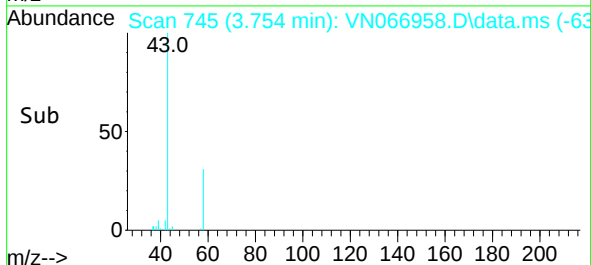
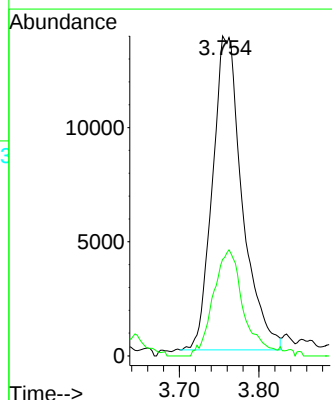
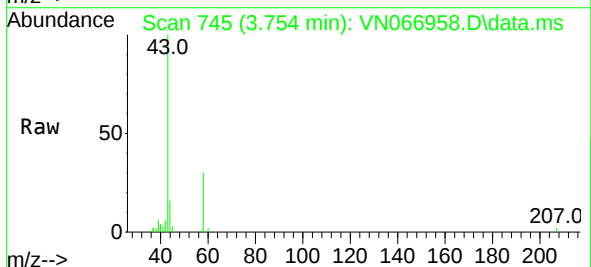


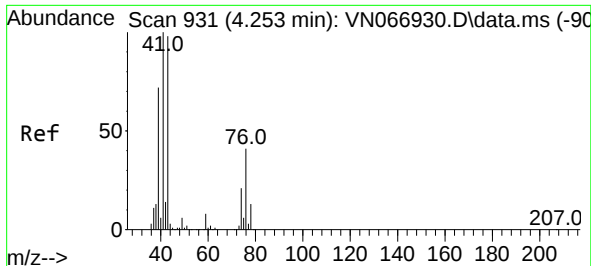
Tgt Ion: 56 Resp: 964
Ion Ratio Lower Upper
56 100
55 122.8 56.0 84.0#



#16
Acetone
Concen: 13.22 ug/l
RT: 3.754 min Scan# 745
Delta R.T. 0.000 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

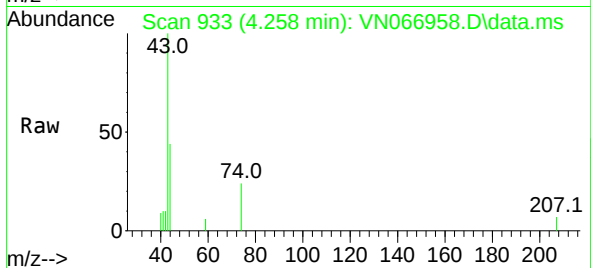
Tgt Ion: 43 Resp: 35785
Ion Ratio Lower Upper
43 100
58 30.8 27.0 40.6



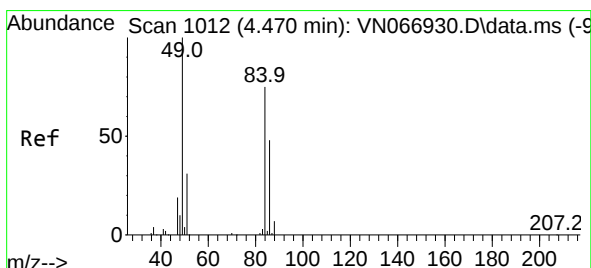
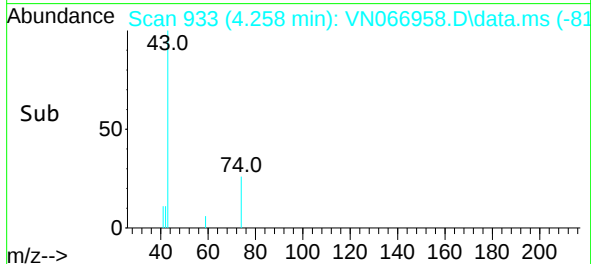
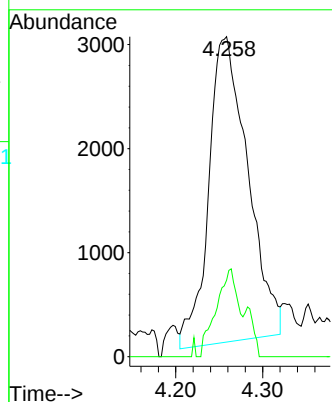


#18
Methyl Acetate
Concen: 1.19 ug/l
RT: 4.258 min Scan# 933
Delta R.T. 0.005 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

Instrument :
MSVOA_N
ClientSampled :

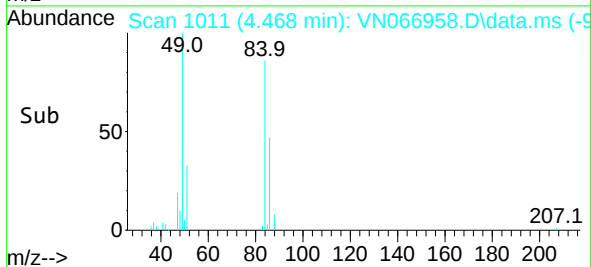
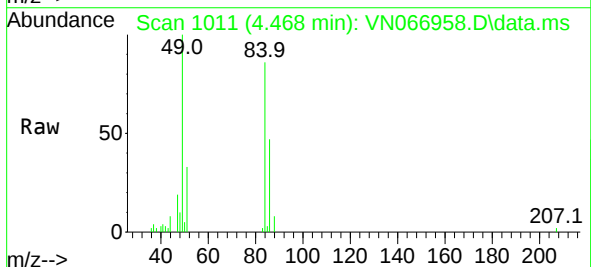
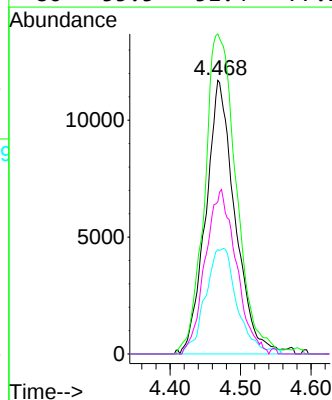


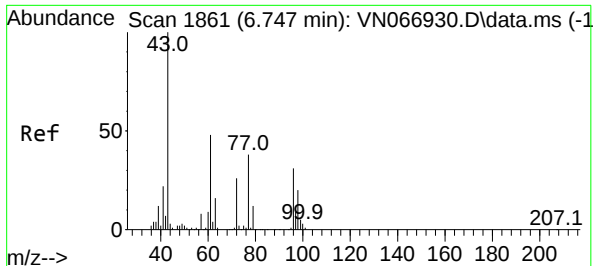
Tgt Ion: 43 Resp: 9194
Ion Ratio Lower Upper
43 100
74 16.2 19.5 29.3#



#20
Methylene Chloride
Concen: 4.90 ug/l
RT: 4.468 min Scan# 1011
Delta R.T. -0.002 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

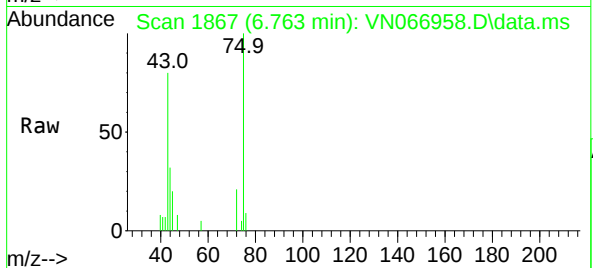
Tgt Ion: 84 Resp: 33678
Ion Ratio Lower Upper
84 100
49 115.2 94.6 141.8
51 38.1 29.9 44.9
86 55.5 51.4 77.2



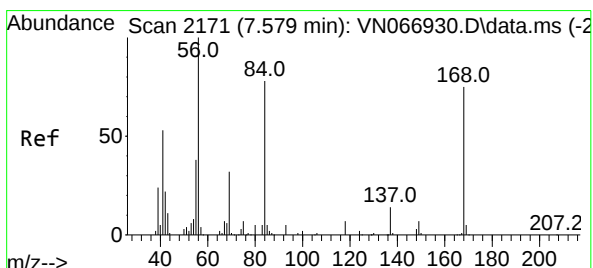
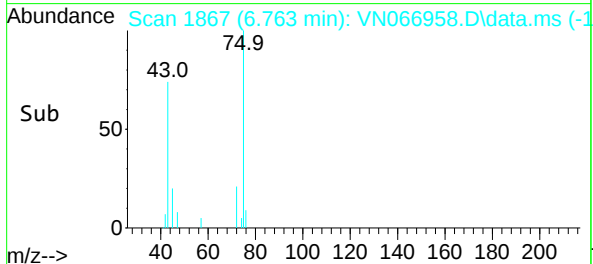
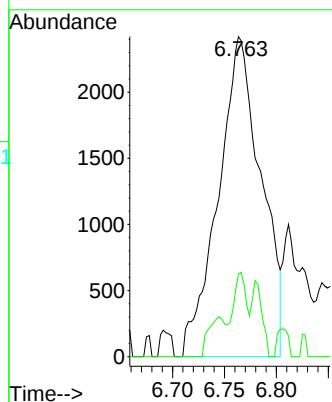


#25
2-Butanone
Concen: 1.74 ug/l
RT: 6.763 min Scan# 1867
Delta R.T. 0.016 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

Instrument :
MSVOA_N
ClientSampled :

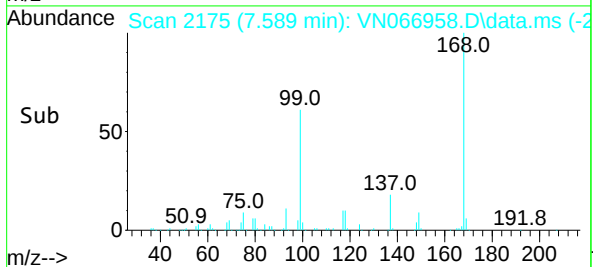
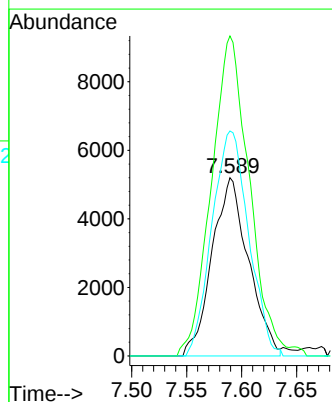
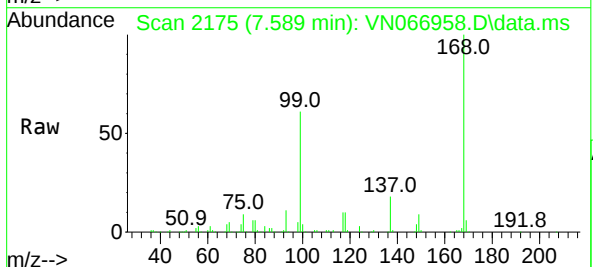


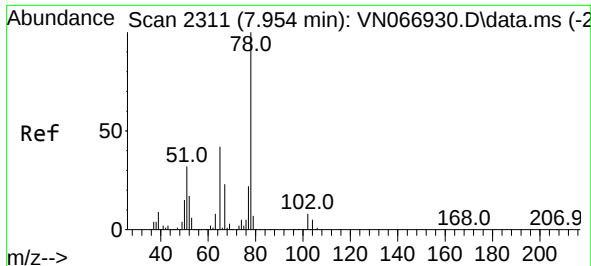
Tgt Ion: 43 Resp: 6930
Ion Ratio Lower Upper
43 100
72 25.8 23.1 34.7



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. 0.010 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

Tgt Ion: 56 Resp: 12003
Ion Ratio Lower Upper
56 100
69 175.3 26.6 39.8#
84 126.2 70.4 105.6#

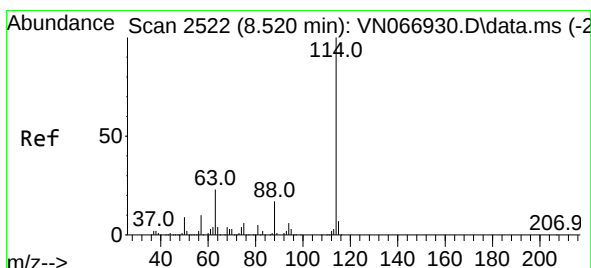
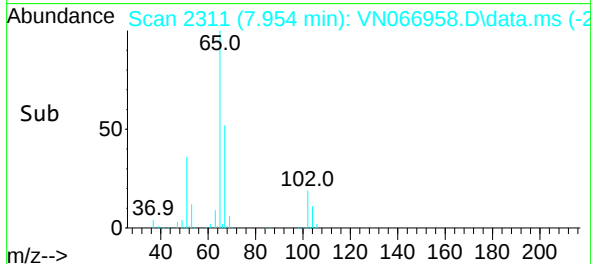
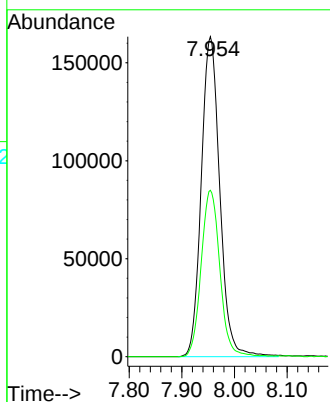
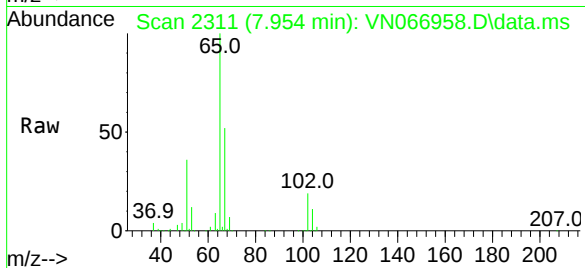




#33
1,2-Dichloroethane-d4
Concen: 51.87 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

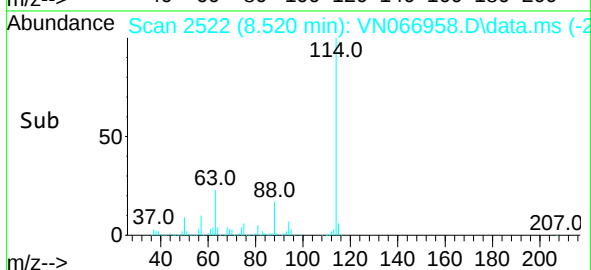
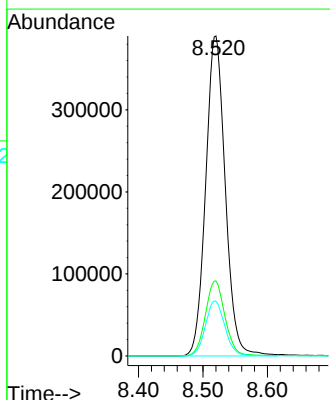
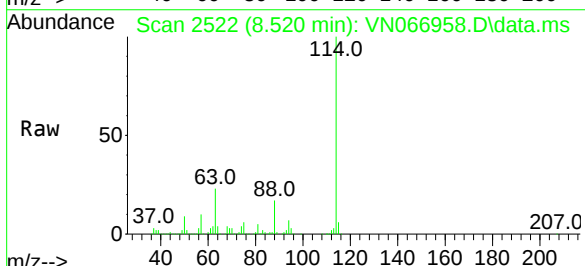
Instrument :
MSVOA_N
ClientSampled :

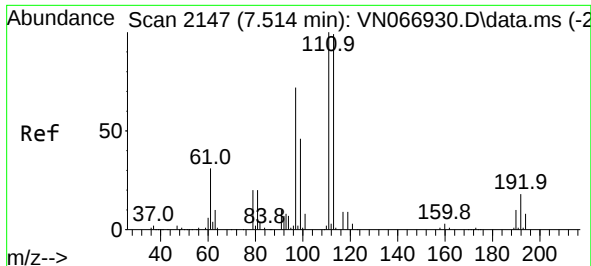
Tgt Ion: 65 Resp: 399142
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

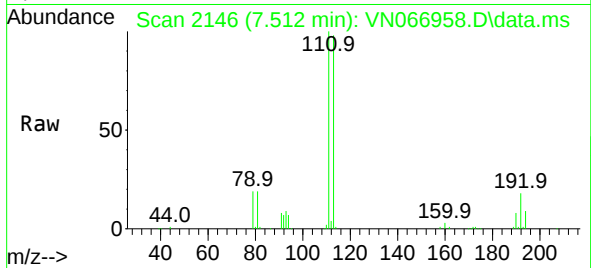
Tgt Ion: 114 Resp: 823759
Ion Ratio Lower Upper
114 100
63 23.5 0.0 38.6
88 17.1 0.0 30.6



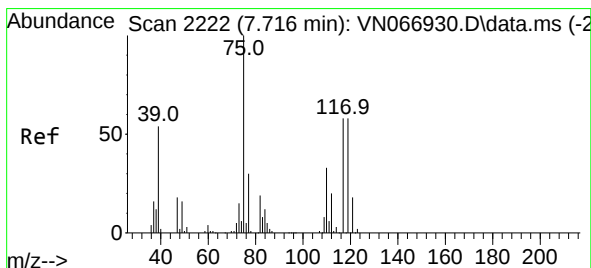
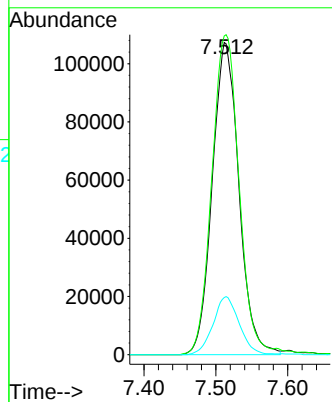
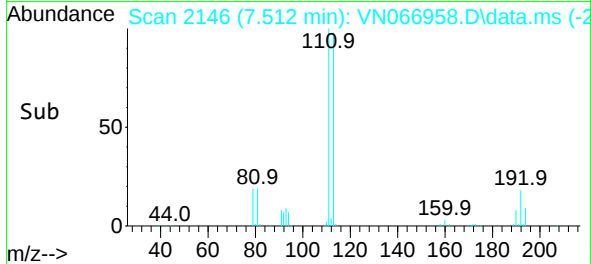


#35
Dibromofluoromethane
Concen: 49.28 ug/l
RT: 7.512 min Scan# 2146
Delta R.T. -0.002 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

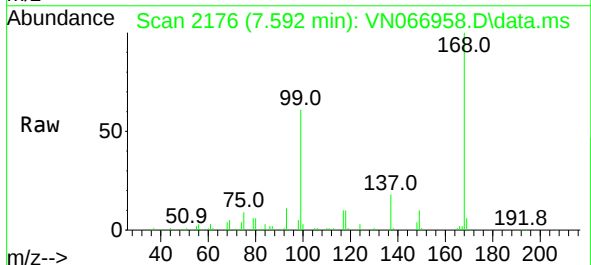
Instrument :
MSVOA_N
ClientSampled :



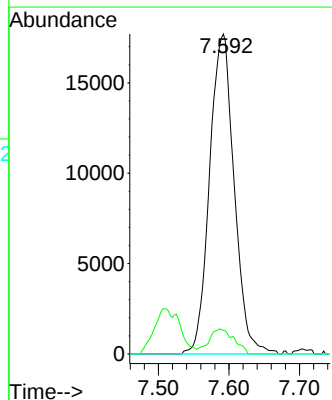
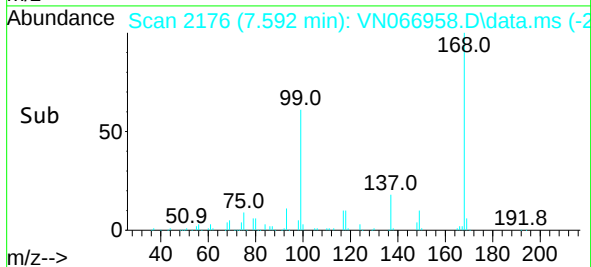
Tgt Ion:113 Resp: 275636
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 18.3 15.4 23.0

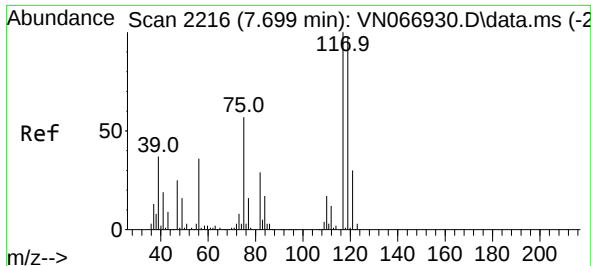


#36
1,1-Dichloropropene
Concen: 5.00 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. -0.124 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08



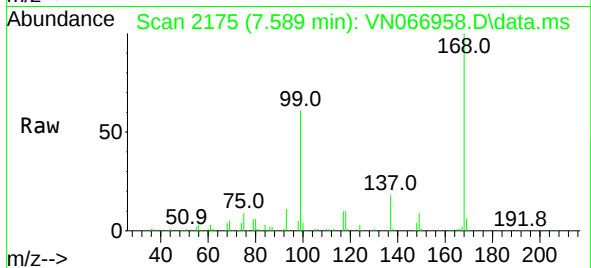
Tgt Ion: 75 Resp: 42905
Ion Ratio Lower Upper
75 100
110 8.0 18.2 54.6#
77 0.0 24.9 37.3#



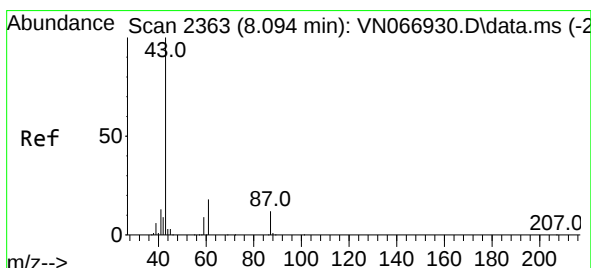
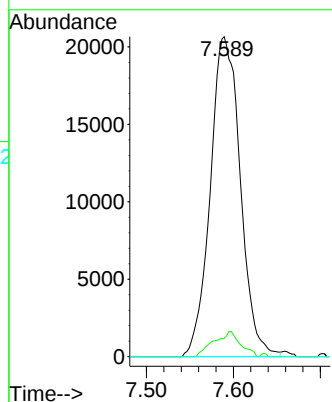
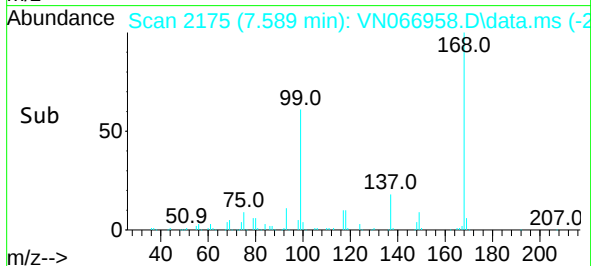


#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.110 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

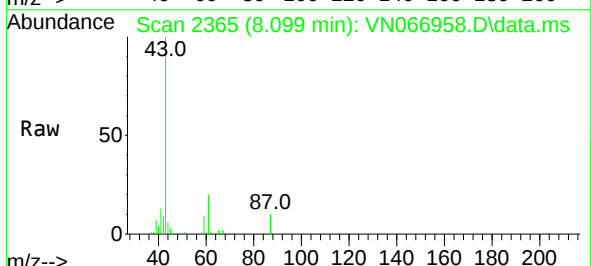
Instrument :
MSVOA_N
ClientSampled :



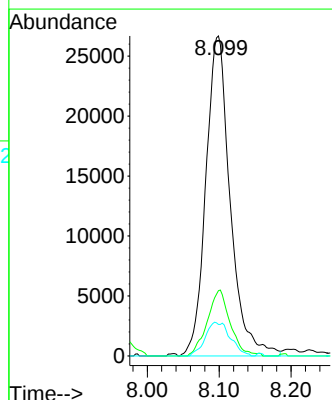
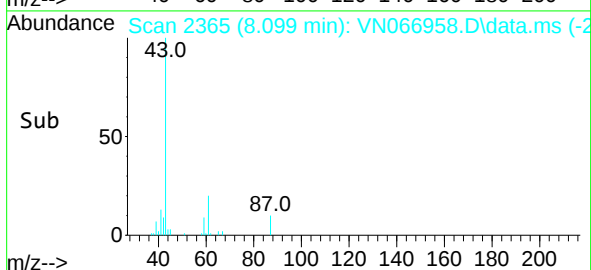
Tgt Ion:117 Resp: 49580
Ion Ratio Lower Upper
117 100
119 5.7 76.0 114.0#
121 0.0 24.5 36.7#

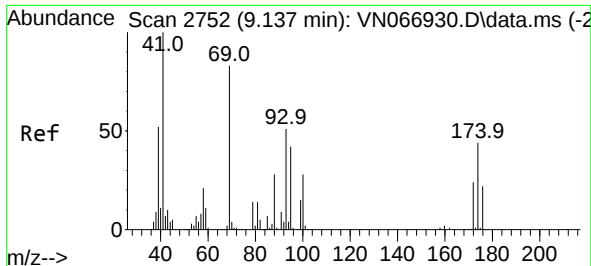


#43
Isopropyl Acetate
Concen: 4.43 ug/l
RT: 8.099 min Scan# 2365
Delta R.T. 0.005 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08



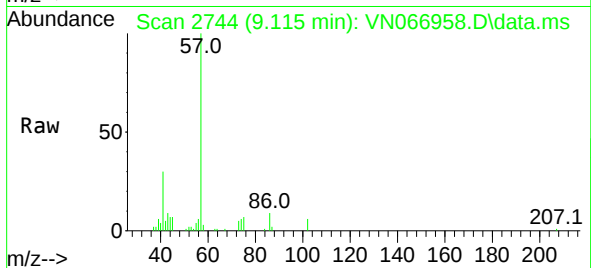
Tgt Ion: 43 Resp: 62866
Ion Ratio Lower Upper
43 100
61 19.4 22.5 33.7#
87 10.9 11.1 16.7#



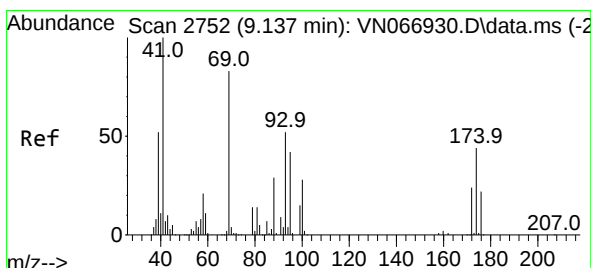
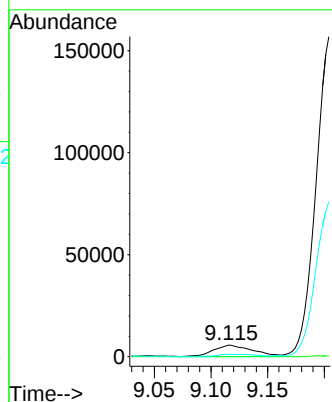
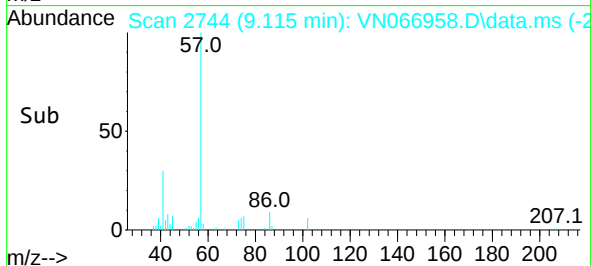


#48
Methyl methacrylate
Concen: 2.17 ug/l
RT: 9.115 min Scan# 2744
Delta R.T. -0.022 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

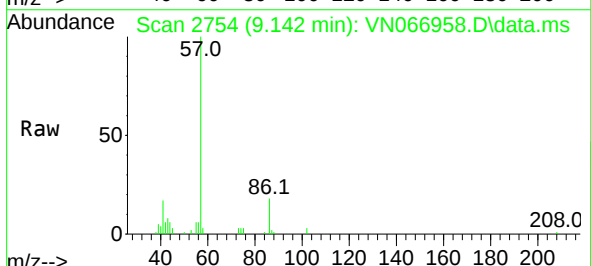
Instrument :
MSVOA_N
ClientSampled :



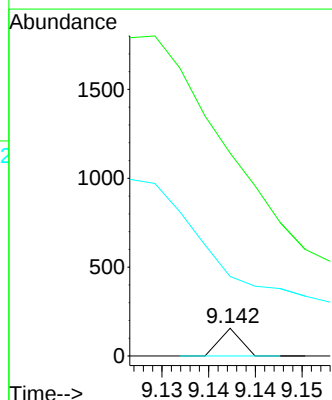
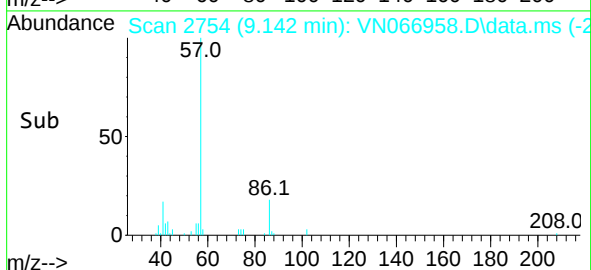
Tgt Ion: 41 Resp: 13673
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

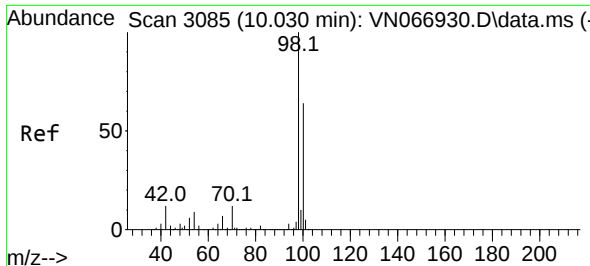


#49
1,4-Dioxane
Concen: 0.25 ug/l
RT: 9.142 min Scan# 2754
Delta R.T. 0.005 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08



Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 9200.0 52.6 78.8#

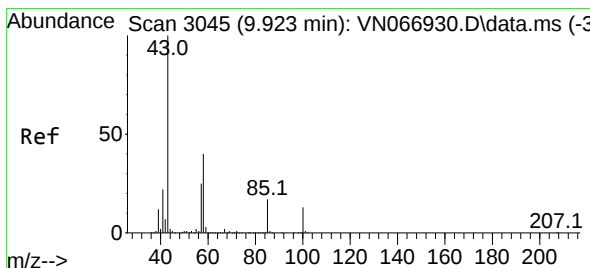
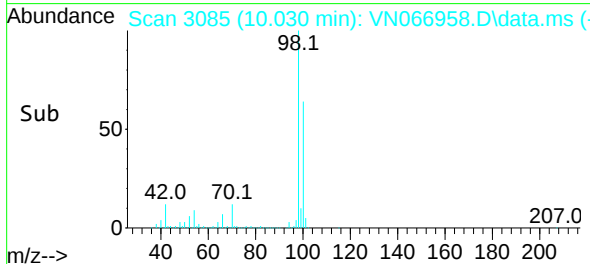
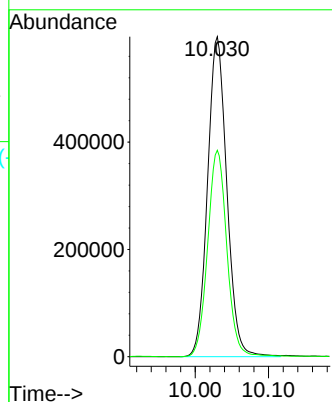
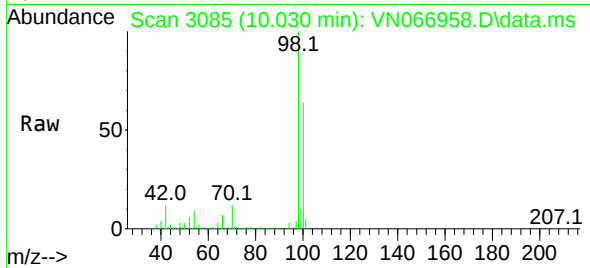




#50
Toluene-d8
Concen: 51.16 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

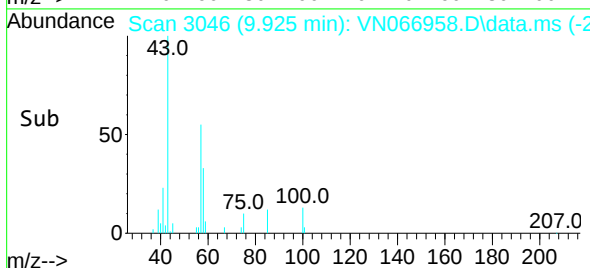
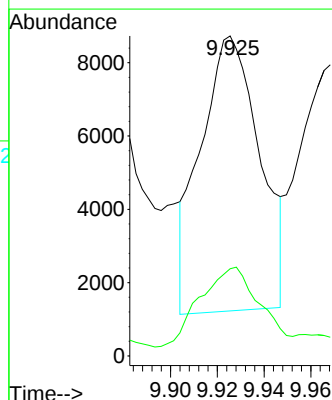
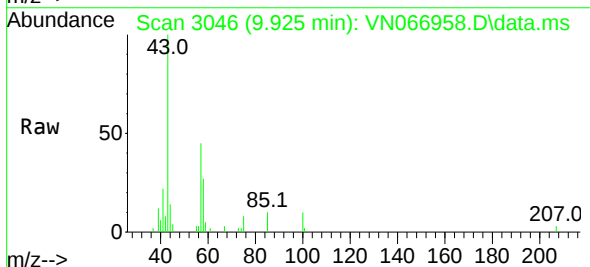
Instrument :
MSVOA_N
ClientSampled :

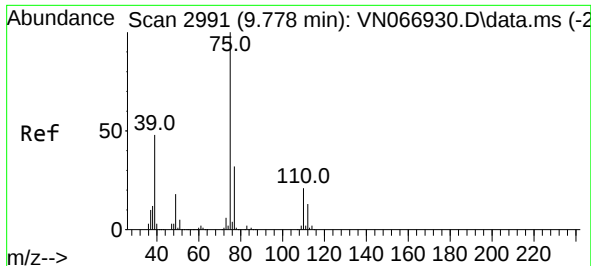
Tgt Ion: 98 Resp: 1089880
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.60 ug/l
RT: 9.925 min Scan# 3046
Delta R.T. 0.002 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

Tgt Ion: 43 Resp: 13144
Ion Ratio Lower Upper
43 100
58 29.3 32.5 48.7#

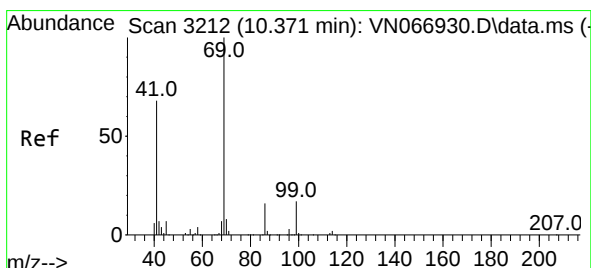
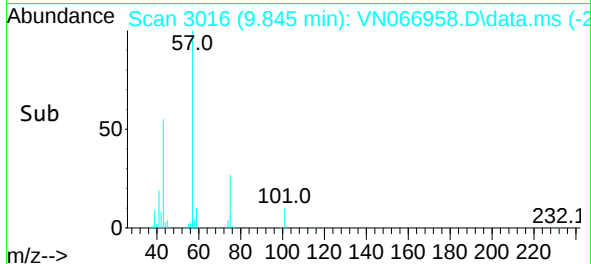
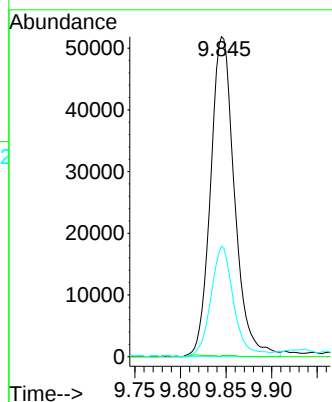
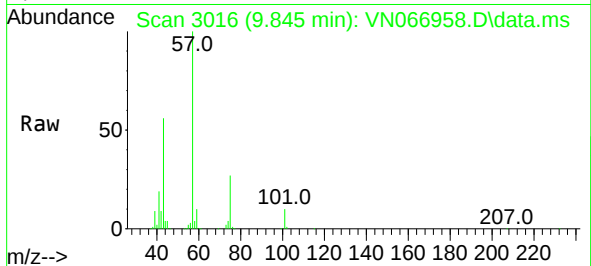




#54
cis-1,3-Dichloropropene
Concen: 8.40 ug/l
RT: 9.845 min Scan# 3016
Delta R.T. 0.067 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

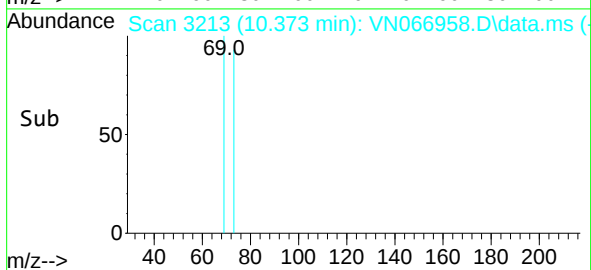
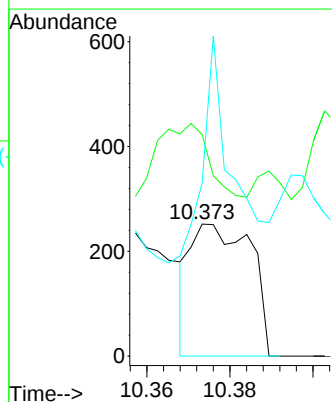
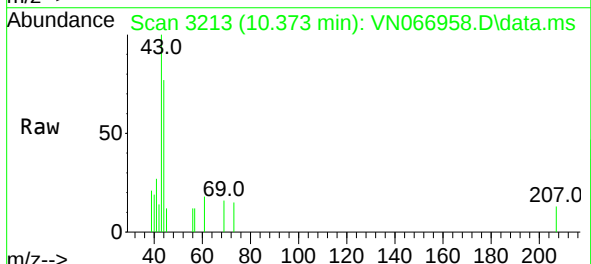
Instrument :
MSVOA_N
ClientSampled :

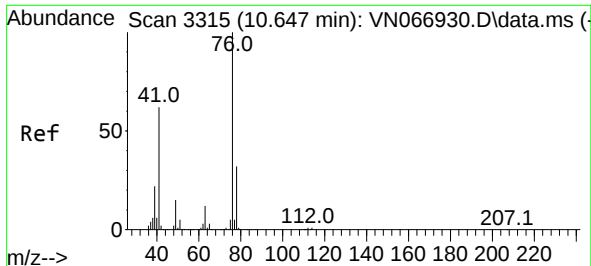
Tgt Ion: 75 Resp: 94820
Ion Ratio Lower Upper
75 100
77 0.3 24.9 37.3#
39 34.6 36.2 54.4#



#56
Ethyl methacrylate
Concen: 5.21 ug/l
RT: 10.373 min Scan# 3213
Delta R.T. 0.002 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

Tgt Ion: 69 Resp: 252
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

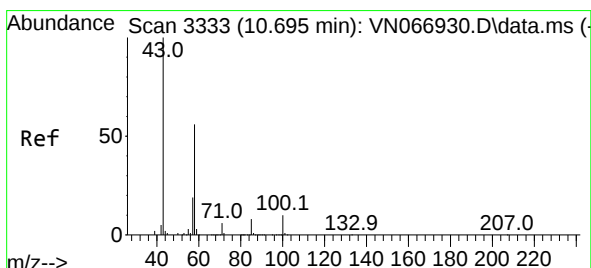
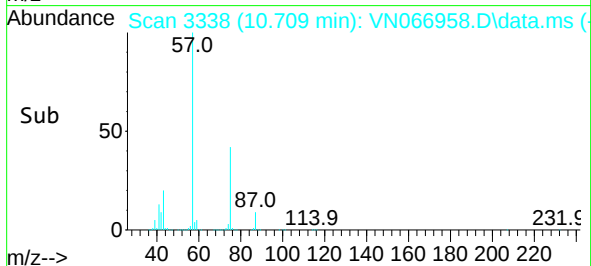
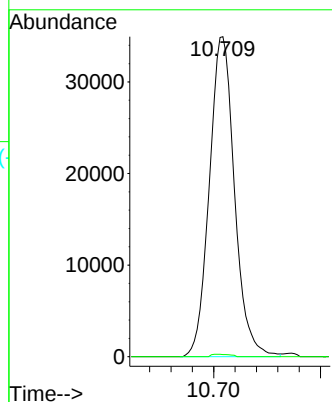
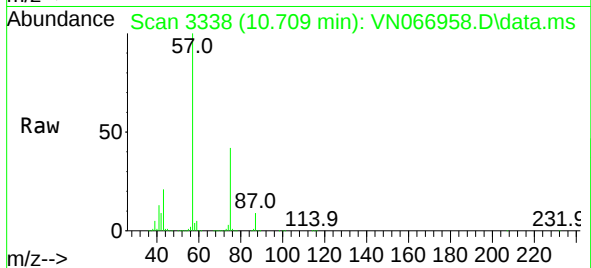




#57
1,3-Dichloropropane
Concen: 5.14 ug/l
RT: 10.709 min Scan# 3338
Delta R.T. 0.062 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

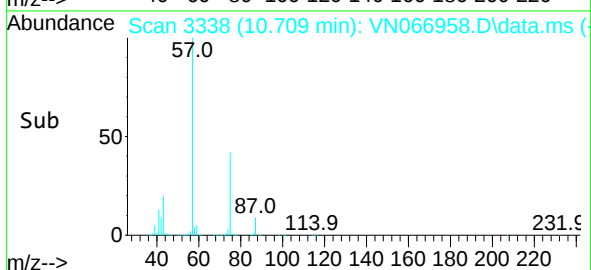
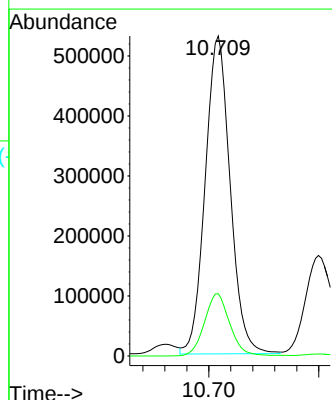
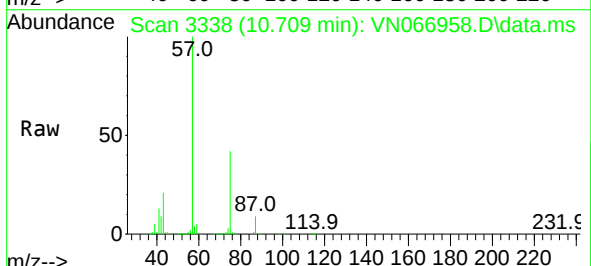
Instrument :
MSVOA_N
ClientSampled :

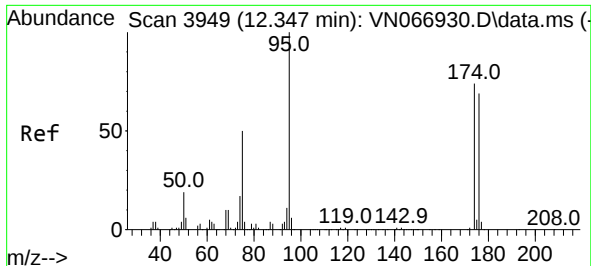
Tgt Ion: 76 Resp: 57196
Ion Ratio Lower Upper
76 100
78 0.6 25.7 38.5#



#59
2-Hexanone
Concen: 151.57 ug/l
RT: 10.709 min Scan# 3338
Delta R.T. 0.014 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

Tgt Ion: 43 Resp: 833233
Ion Ratio Lower Upper
43 100
58 19.9 28.1 84.3#

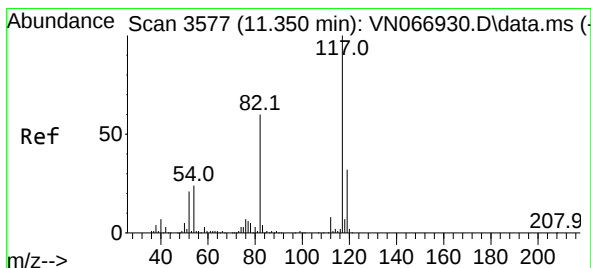
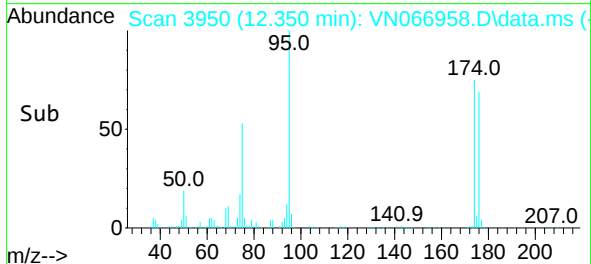
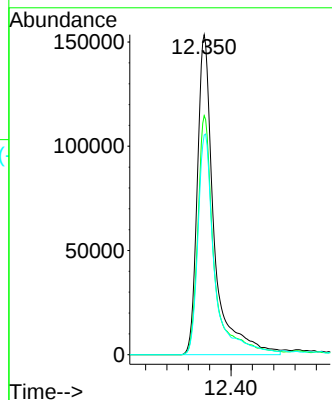
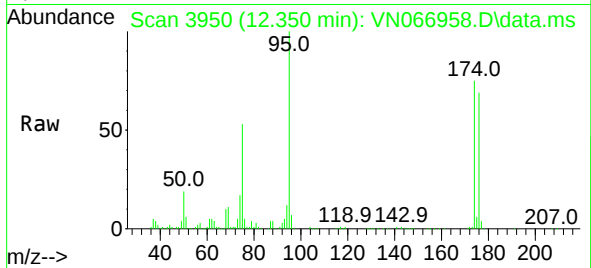




#62
4-Bromofluorobenzene
Concen: 46.48 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

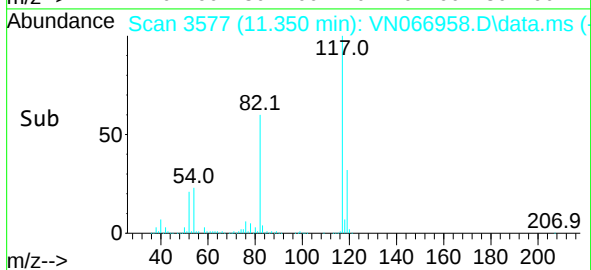
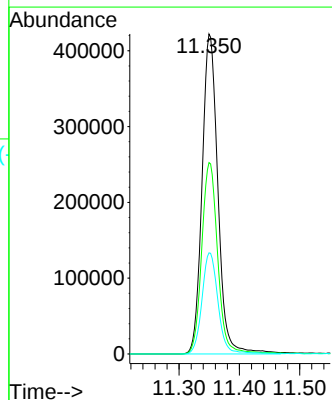
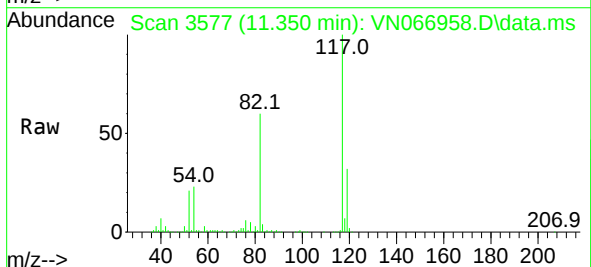
Instrument :
MSVOA_N
ClientSampled :

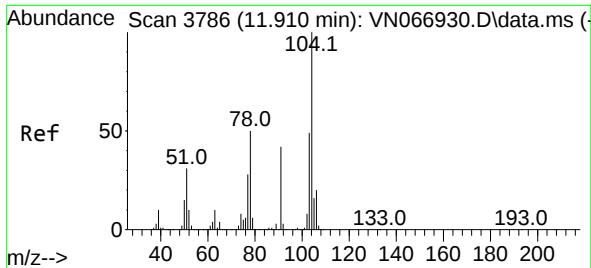
Tgt Ion: 95 Resp: 335253
Ion Ratio Lower Upper
95 100
174 73.5 0.0 169.0
176 68.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

Tgt Ion: 117 Resp: 771193
Ion Ratio Lower Upper
117 100
82 59.8 43.7 65.5
119 31.6 26.1 39.1

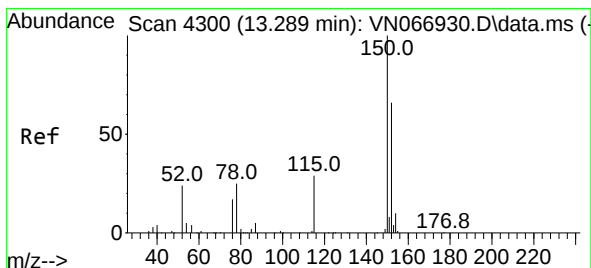
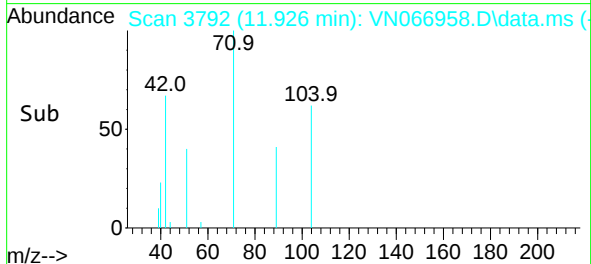
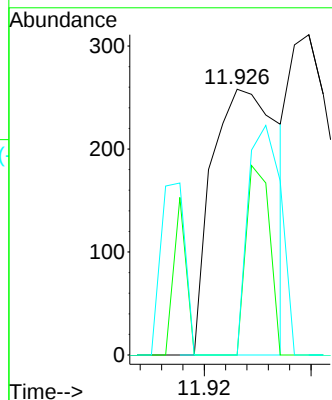
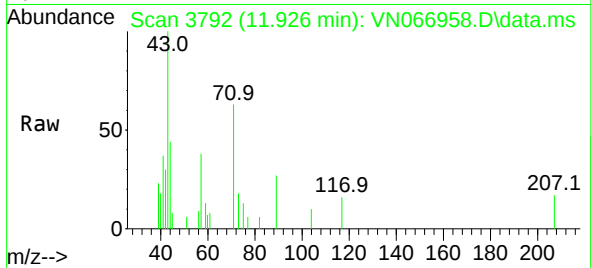




#70
Styrene
Concen: 4.72 ug/l
RT: 11.926 min Scan# 3792
Delta R.T. 0.016 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

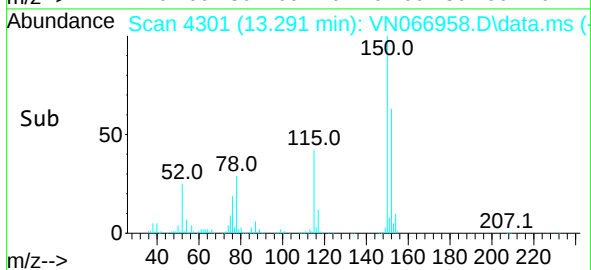
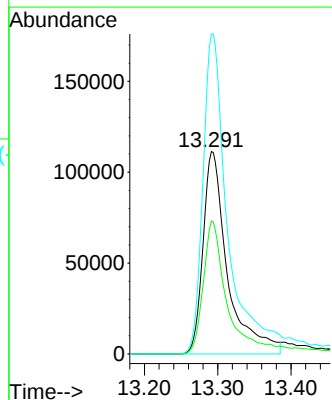
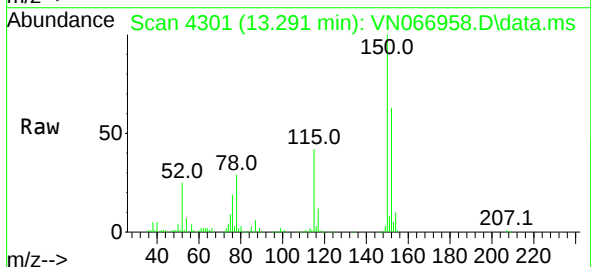
Instrument :
MSVOA_N
ClientSampled :

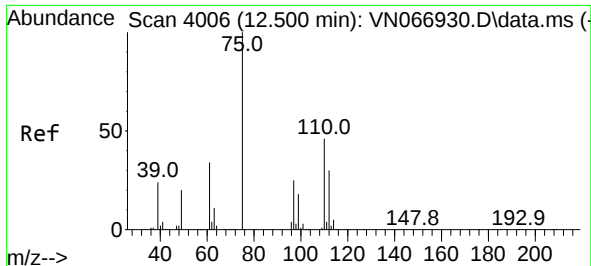
Tgt Ion:104 Resp: 221
Ion Ratio Lower Upper
104 100
78 25.8 39.0 58.4#
103 43.0 44.5 66.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

Tgt Ion:152 Resp: 259415
Ion Ratio Lower Upper
152 100
115 64.6 28.5 85.6
150 160.1 0.0 347.6

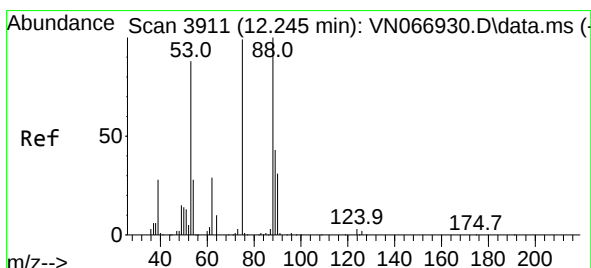
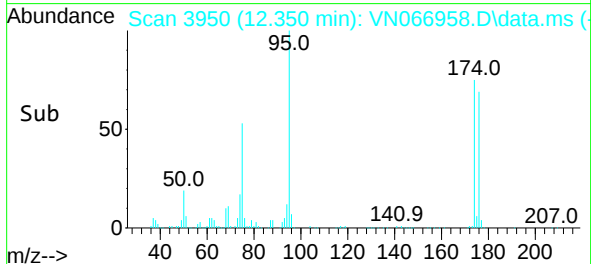
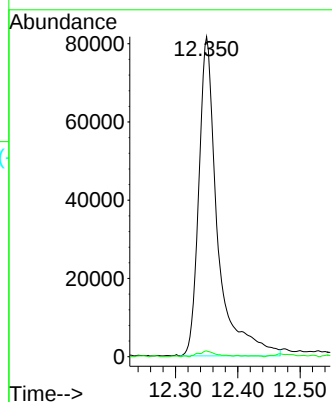
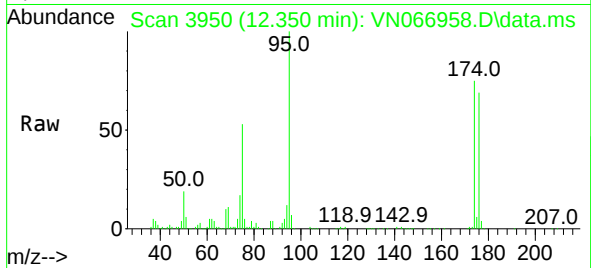




#76
1,2,3-Trichloropropane
Concen: 27.64 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

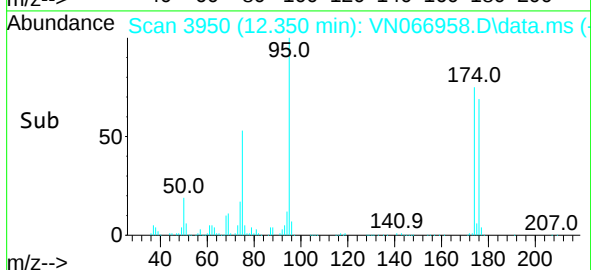
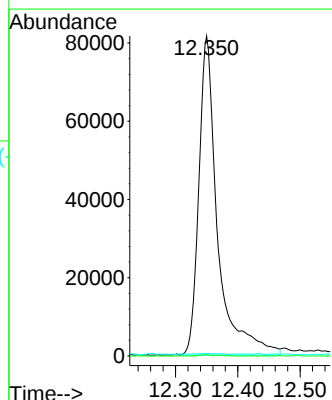
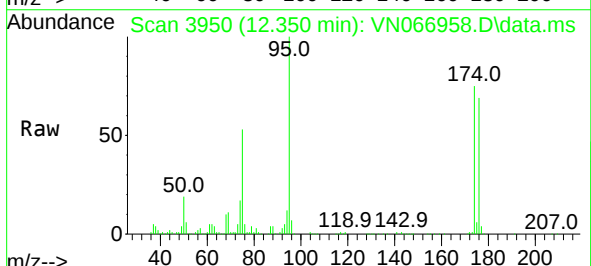
Instrument :
MSVOA_N
ClientSampleId :

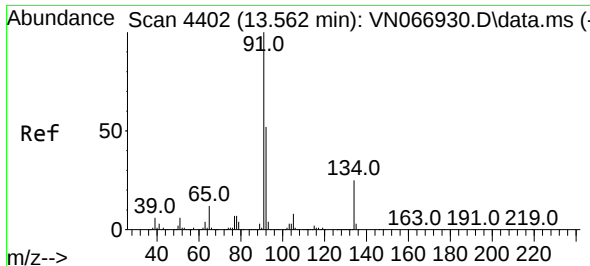
Tgt Ion: 75 Resp: 170800
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.59 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

Tgt Ion: 75 Resp: 170800
Ion Ratio Lower Upper
75 100
53 0.2 74.6 111.8#
89 0.1 35.8 53.8#

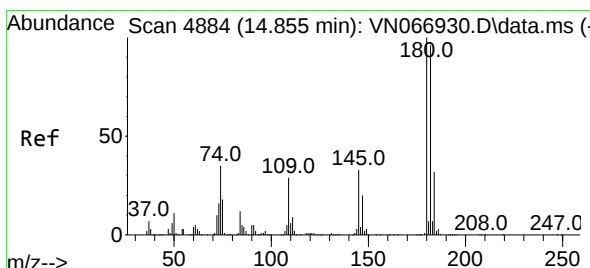
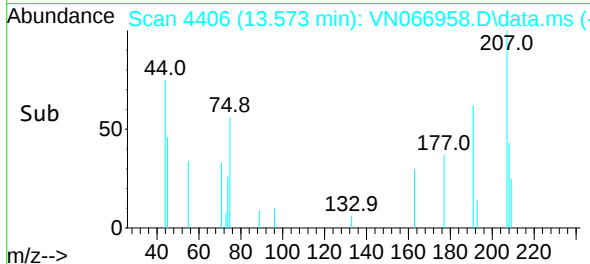
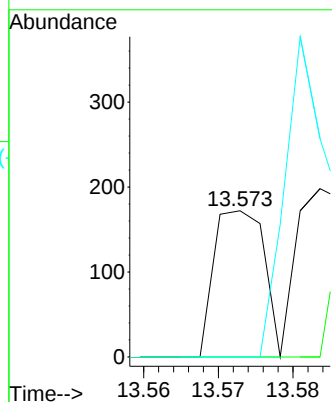
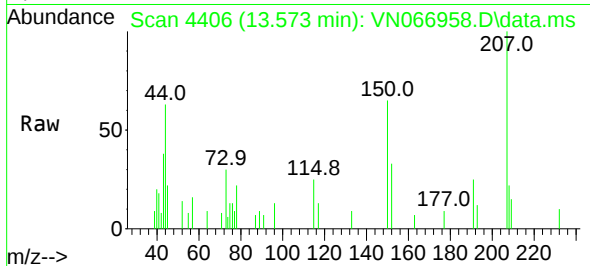




#89
n-Butylbenzene
Concen: 5.25 ug/l
RT: 13.573 min Scan# 4406
Delta R.T. 0.011 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

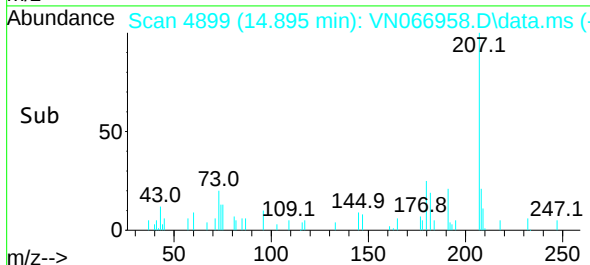
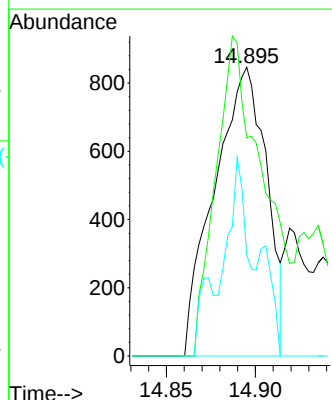
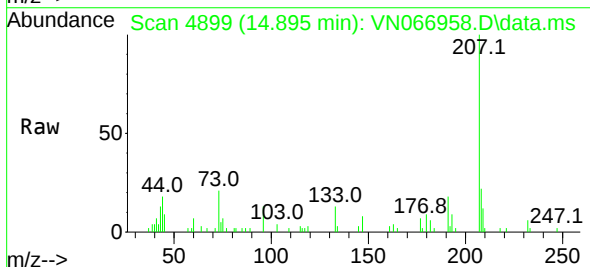
Instrument :
MSVOA_N
ClientSampled :

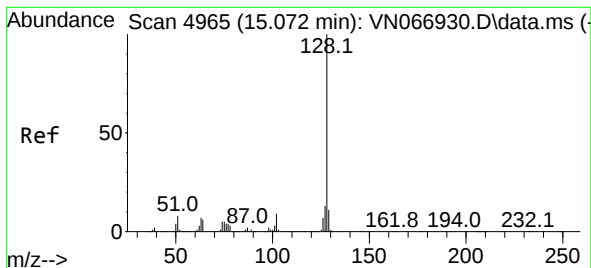
Tgt Ion: 91 Resp: 80
Ion Ratio Lower Upper
91 100
92 30.0 26.1 78.3
134 196.3 13.0 38.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.40 ug/l
RT: 14.895 min Scan# 4899
Delta R.T. 0.040 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

Tgt Ion:180 Resp: 1724
Ion Ratio Lower Upper
180 100
182 100.8 47.3 142.0
145 16.1 15.6 46.8

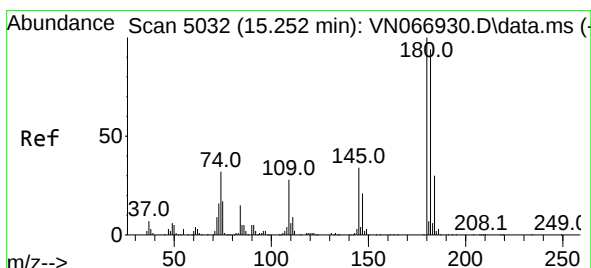
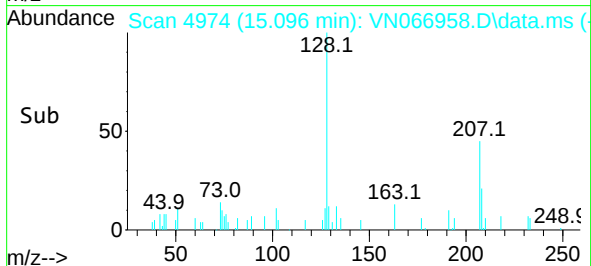
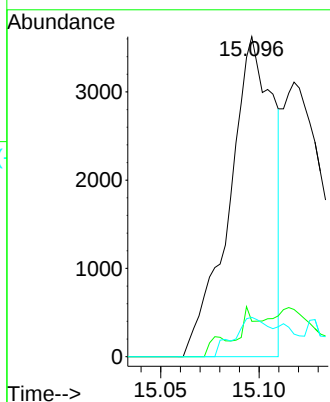
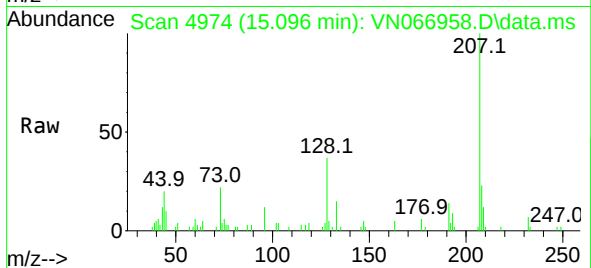




#95
Naphthalene
Concen: 0.50 ug/l
RT: 15.096 min Scan# 4974
Delta R.T. 0.024 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 5648
Ion Ratio Lower Upper
128 100
127 5.0 10.2 15.2#
129 9.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.33 ug/l
RT: 15.265 min Scan# 5037
Delta R.T. 0.013 min
Lab File: VN066958.D
Acq: 5 May 2021 1:08

Tgt Ion:180 Resp: 1404
Ion Ratio Lower Upper
180 100
182 55.4 47.4 142.3
145 50.1 16.5 49.5#

