

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066950.D
 Acq On : 4 May 2021 21:07
 Operator : JC/MD
 Sample : PB136139ZHE#13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 05 05:28:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 13:11:03 2021
 Response via : Initial Calibration

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

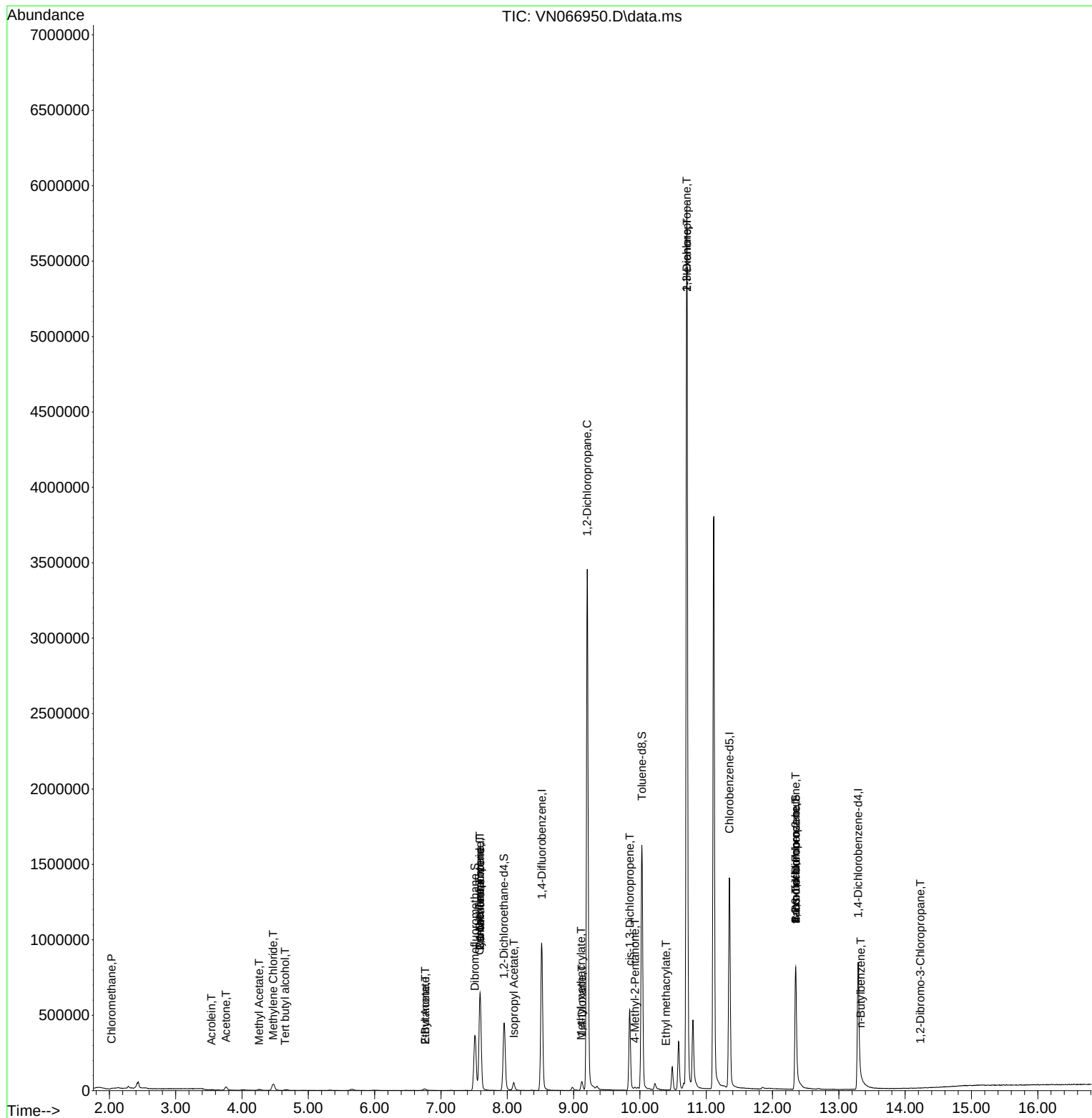
Internal Standards						
1) Pentafluorobenzene	7.592	168	488271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	831817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	802687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	301328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	404505	52.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.26%			
35) Dibromofluoromethane	7.512	113	286559	50.73	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.46%			
50) Toluene-d8	10.030	98	1121295	52.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.26%			
62) 4-Bromofluorobenzene	12.350	95	352931	48.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.92%			
Target Compounds					Qvalue	
3) Chloromethane	2.032	50	2218	0.23	ug/l	95
11) Tert butyl alcohol	4.650	59	2043	1.88	ug/l #	73
13) Acrolein	3.537	56	607	0.67	ug/l #	73
16) Acetone	3.757	43	35845	13.26	ug/l	94
18) Methyl Acetate	4.258	43	12826	1.66	ug/l #	85
20) Methylene Chloride	4.470	84	32050	4.67	ug/l	95
25) 2-Butanone	6.763	43	6945	1.74	ug/l	98
31) Cyclohexane	7.584	56	11950	1.11	ug/l #	12
36) 1,1-Dichloropropene	7.587	75	43542	5.03	ug/l #	48
37) Ethyl Acetate	6.763	43	6945	0.79	ug/l #	75
38) Carbon Tetrachloride	7.587	117	51079	5.65	ug/l #	18
43) Isopropyl Acetate	8.099	43	60920	4.25	ug/l #	87
45) 1,2-Dichloropropane	9.204	63	4464	0.59	ug/l #	44
48) Methyl methacrylate	9.113	41	15146	2.38	ug/l #	10
49) 1,4-Dioxane	9.126	88	118	1.17	ug/l #	1
51) 4-Methyl-2-Pentanone	9.925	43	13699	1.65	ug/l #	74
54) cis-1,3-Dichloropropene	9.848	75	98033	8.60	ug/l #	63
56) Ethyl methacrylate	10.395	69	206	5.21	ug/l #	27
57) 1,3-Dichloropropane	10.706	76	59428	5.29	ug/l #	43
59) 2-Hexanone	10.709	43	867222	155.35	ug/l #	50
71) Bromoform	12.350	173	2988	0.62	ug/l #	1
76) 1,2,3-Trichloropropane	12.347	75	175632	24.47	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.347	75	175632	73.75	ug/l #	12
89) n-Butylbenzene	13.332	91	26	5.24	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.227	75	312	0.21	ug/l #	1

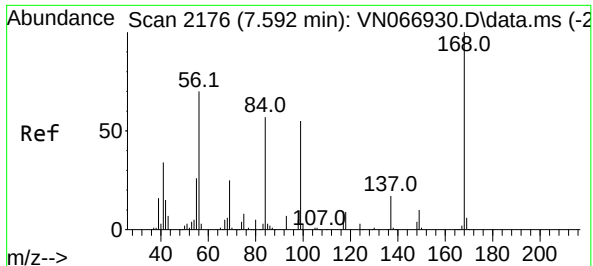
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
Data File : VN066950.D
Acq On : 4 May 2021 21:07
Operator : JC/MD
Sample : PB136139ZHE#13
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 05 05:28:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Tue May 04 13:11:03 2021
Response via : Initial Calibration

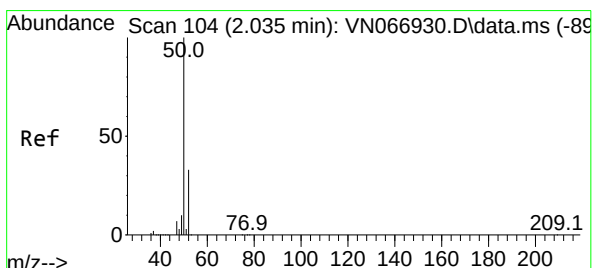
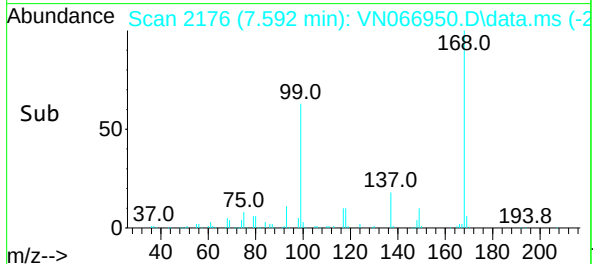
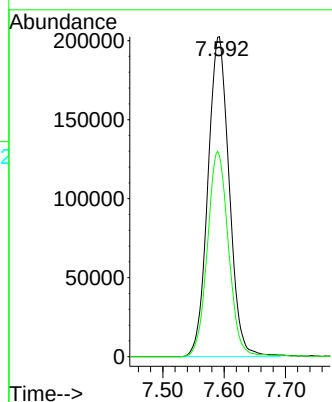
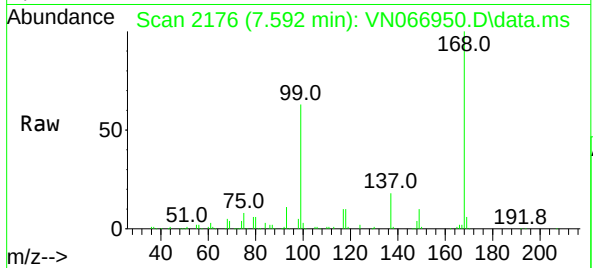




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

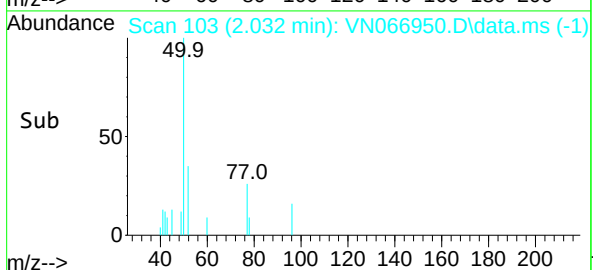
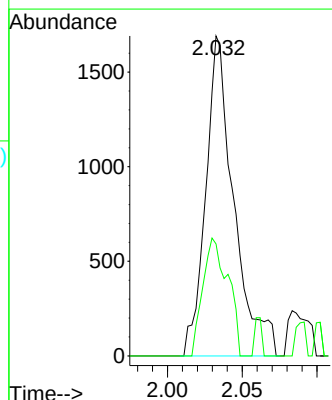
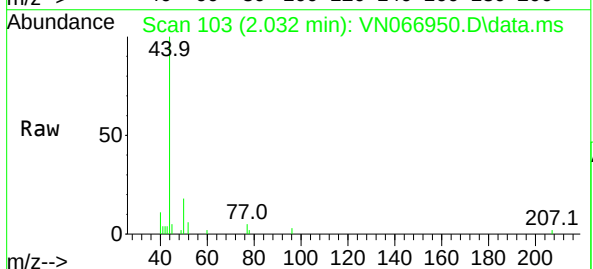
Instrument :
MSVOA_N
ClientSampleId :

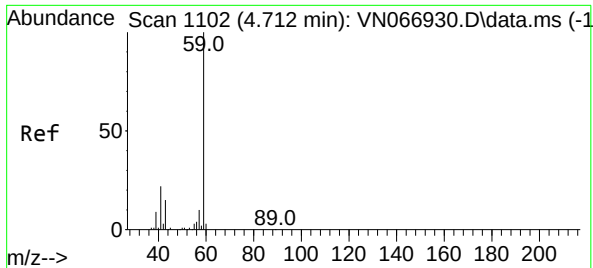
Tgt Ion:168 Resp: 488271
Ion Ratio Lower Upper
168 100
99 62.9 42.6 63.8



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.032 min Scan# 103
Delta R.T. -0.003 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

Tgt Ion: 50 Resp: 2218
Ion Ratio Lower Upper
50 100
52 35.0 25.8 38.8

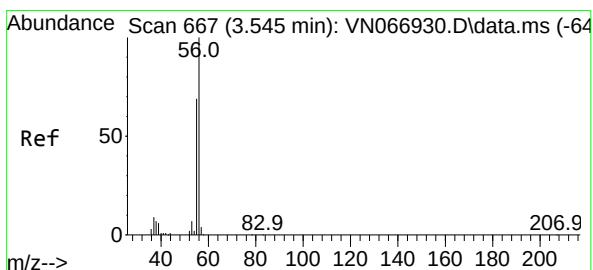
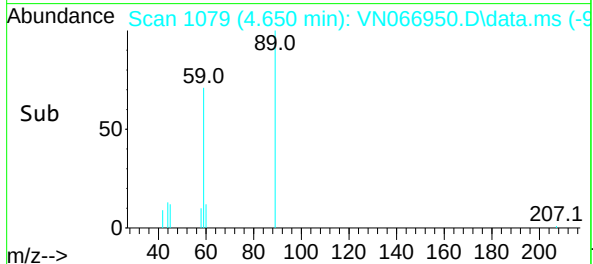
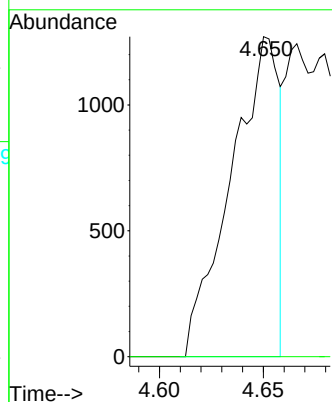
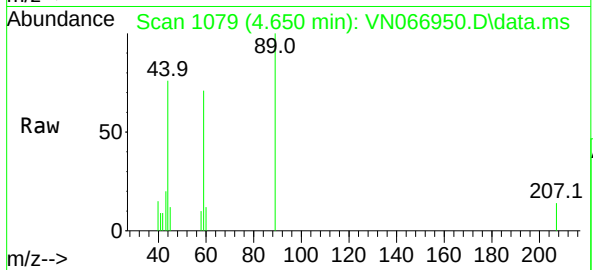




#11
Tert butyl alcohol
Concen: 1.88 ug/l
RT: 4.650 min Scan# 1079
Delta R.T. -0.062 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

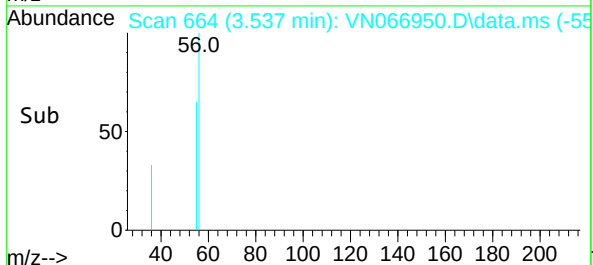
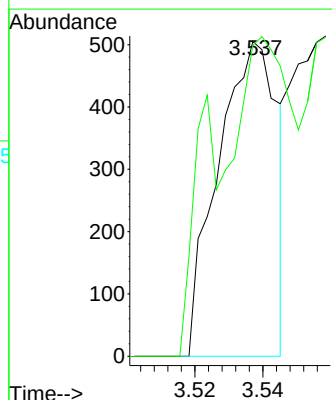
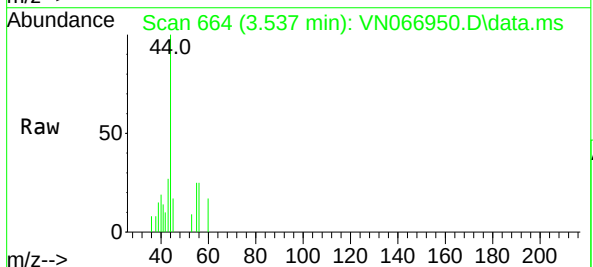
Instrument :
MSVOA_N
ClientSampled :

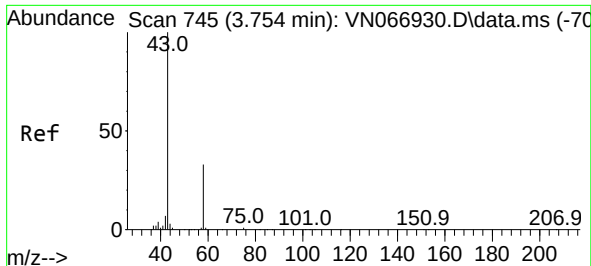
Tgt Ion: 59 Resp: 2043
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 0.67 ug/l
RT: 3.537 min Scan# 664
Delta R.T. -0.008 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

Tgt Ion: 56 Resp: 607
Ion Ratio Lower Upper
56 100
55 91.9 56.0 84.0#

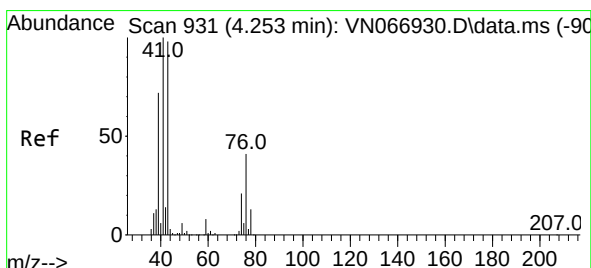
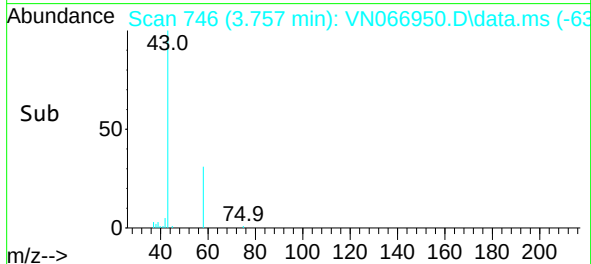
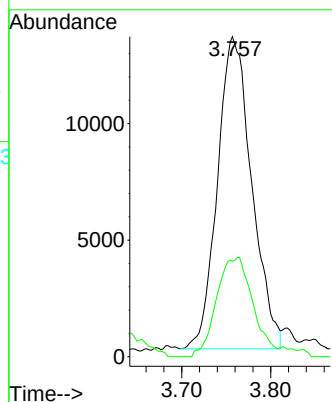
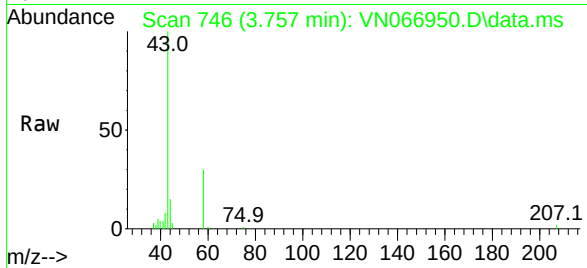




#16
Acetone
Concen: 13.26 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

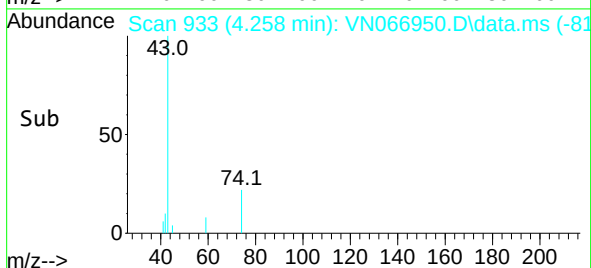
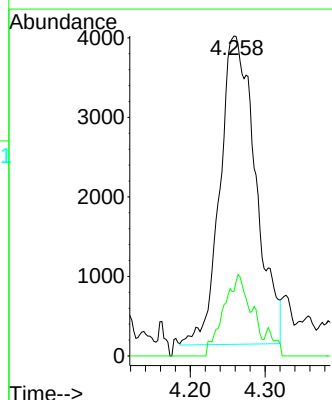
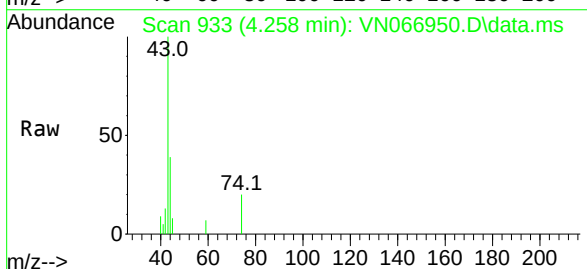
Instrument :
MSVOA_N
ClientSampled :

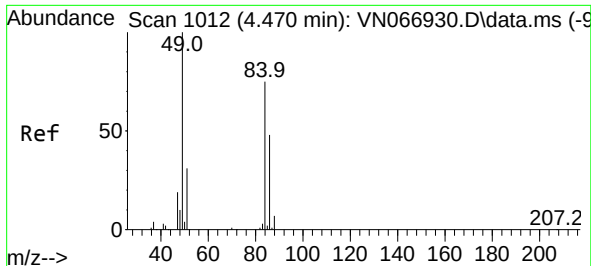
Tgt Ion: 43 Resp: 35845
Ion Ratio Lower Upper
43 100
58 30.6 27.0 40.6



#18
Methyl Acetate
Concen: 1.66 ug/l
RT: 4.258 min Scan# 933
Delta R.T. 0.005 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

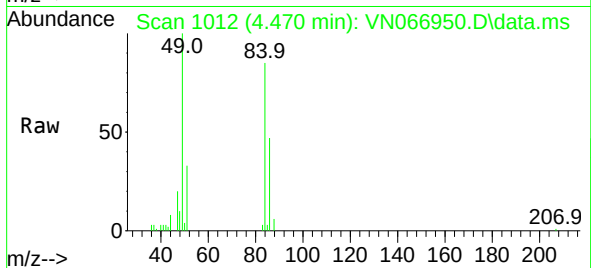
Tgt Ion: 43 Resp: 12826
Ion Ratio Lower Upper
43 100
74 17.0 19.5 29.3#



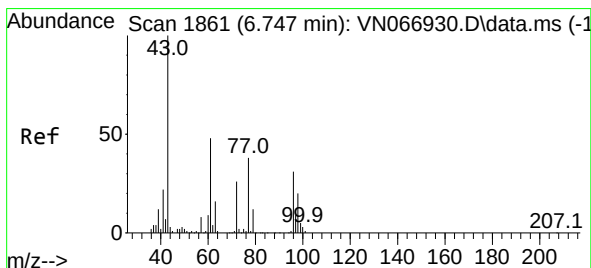
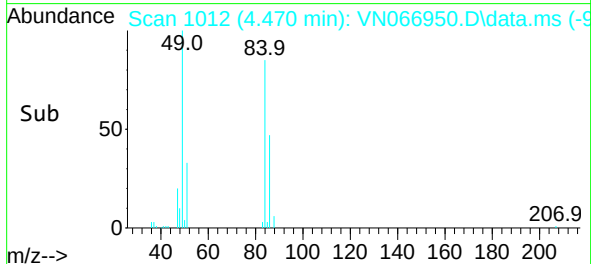
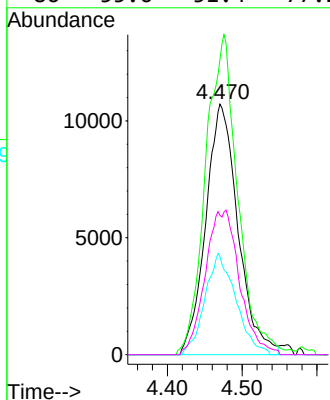


#20
Methylene Chloride
Concen: 4.67 ug/l
RT: 4.470 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

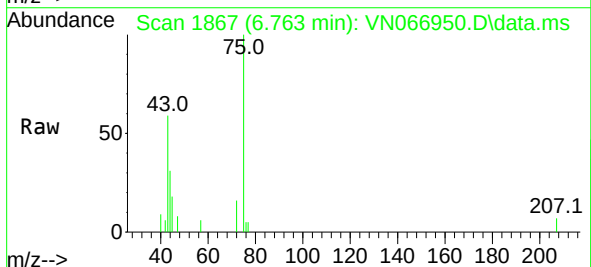
Instrument :
MSVOA_N
ClientSampled :



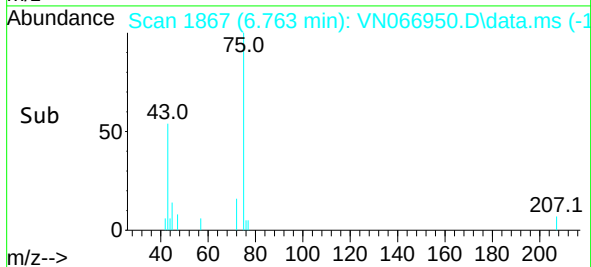
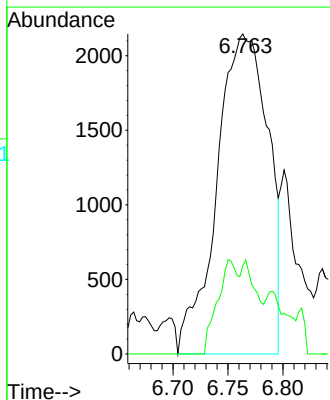
Tgt Ion:	84	Resp:	32050
Ion	Ratio	Lower	Upper
84	100		
49	116.1	94.6	141.8
51	39.2	29.9	44.9
86	55.6	51.4	77.2

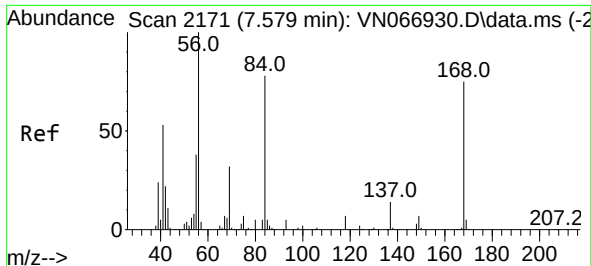


#25
2-Butanone
Concen: 1.74 ug/l
RT: 6.763 min Scan# 1867
Delta R.T. 0.016 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07



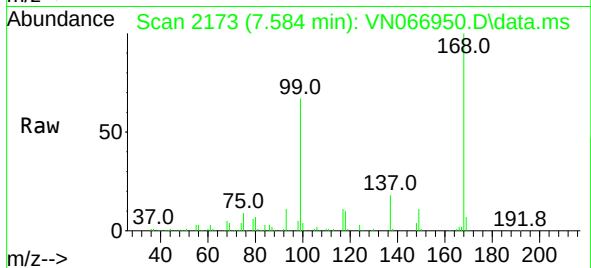
Tgt Ion:	43	Resp:	6945
Ion	Ratio	Lower	Upper
43	100		
72	27.7	23.1	34.7



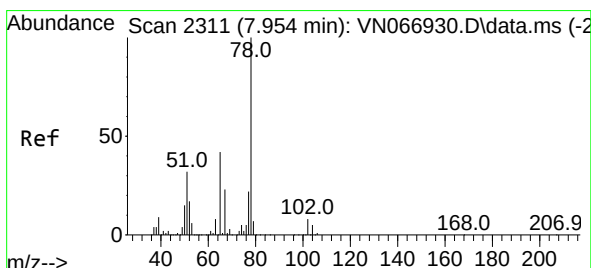
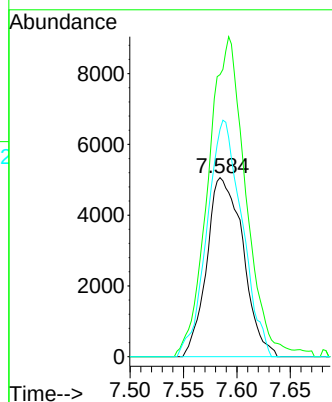
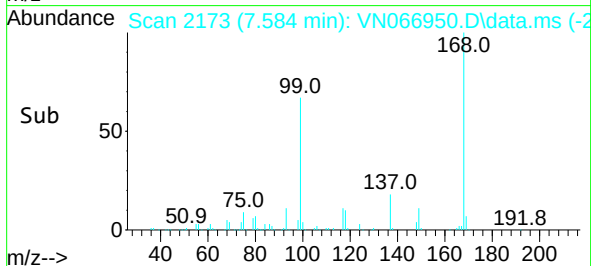


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. 0.005 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

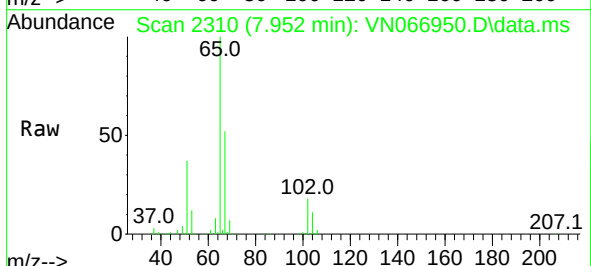
Instrument :
MSVOA_N
ClientSampleId :



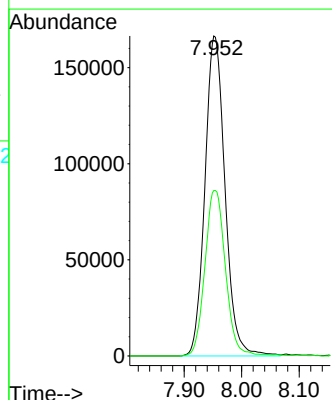
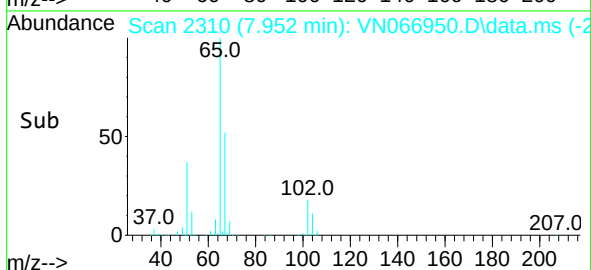
Tgt Ion: 56 Resp: 11950
Ion Ratio Lower Upper
56 100
69 153.1 26.6 39.8#
84 127.0 70.4 105.6#

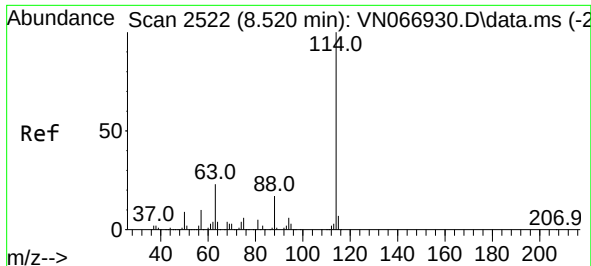


#33
1,2-Dichloroethane-d4
Concen: 52.63 ug/l
RT: 7.952 min Scan# 2310
Delta R.T. -0.002 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07



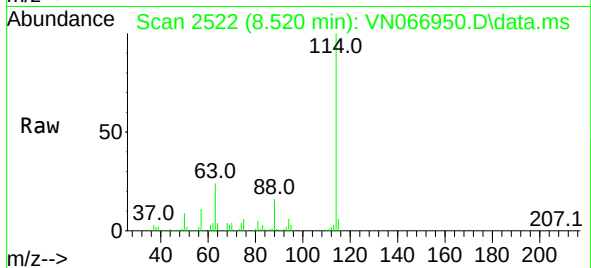
Tgt Ion: 65 Resp: 404505
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.2



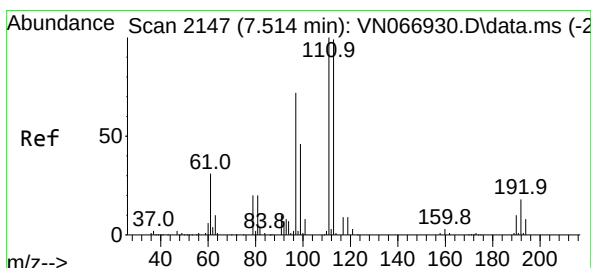
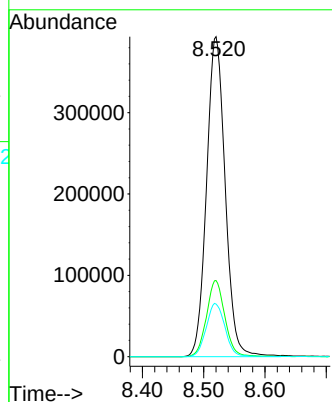
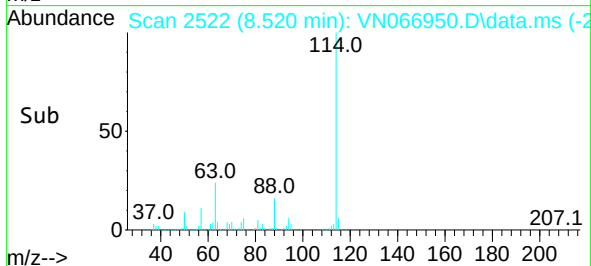


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

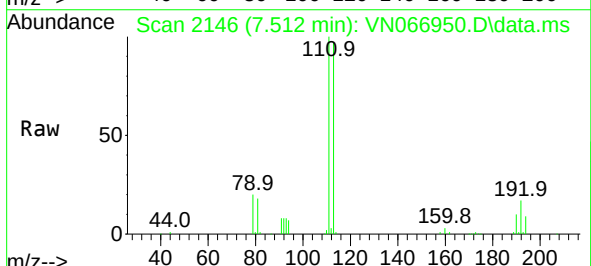
Instrument :
MSVOA_N
ClientSampleId :



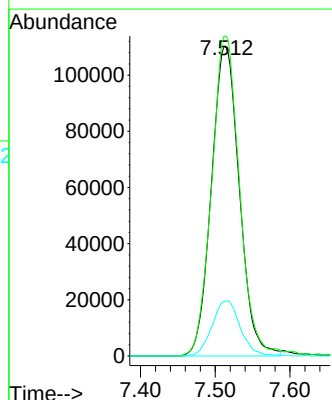
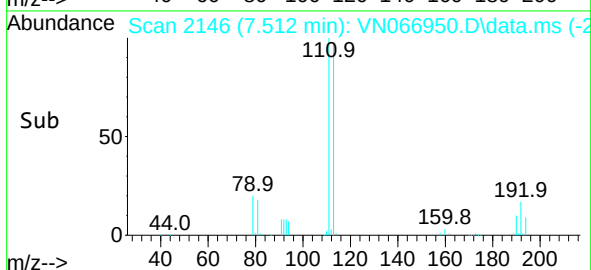
Tgt Ion:114 Resp: 831817
Ion Ratio Lower Upper
114 100
63 23.8 0.0 38.6
88 16.4 0.0 30.6

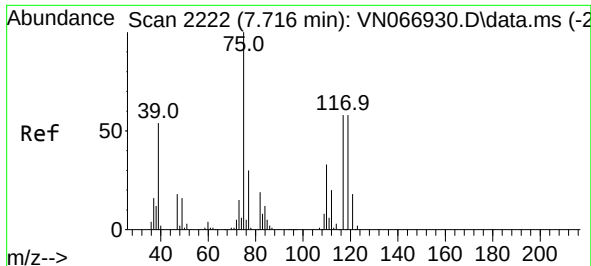


#35
Dibromofluoromethane
Concen: 50.73 ug/l
RT: 7.512 min Scan# 2146
Delta R.T. -0.002 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07



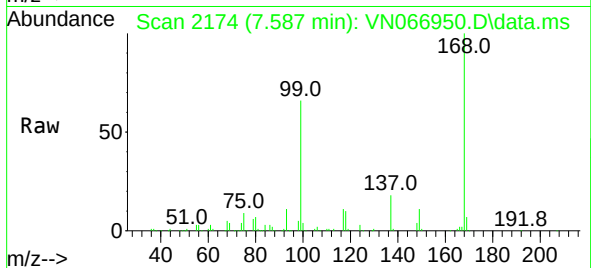
Tgt Ion:113 Resp: 286559
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 17.9 15.4 23.0



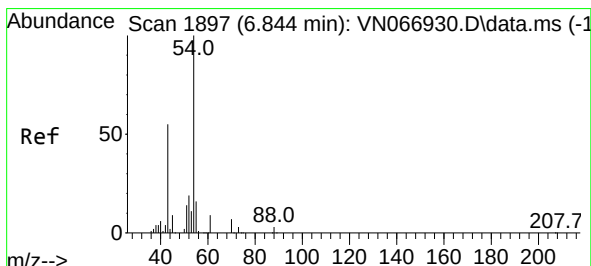
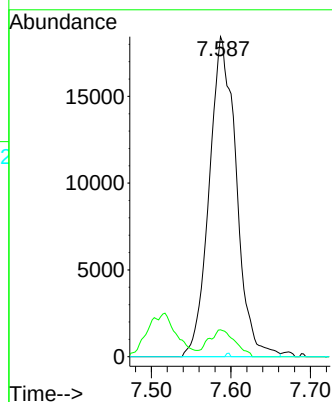
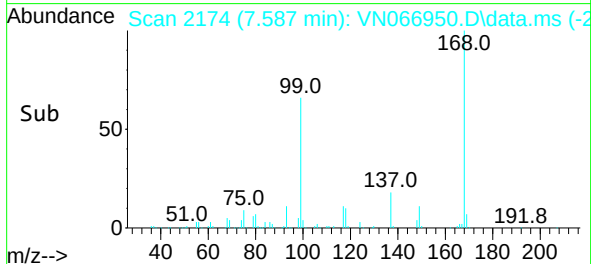


#36
1,1-Dichloropropene
Concen: 5.03 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. -0.129 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

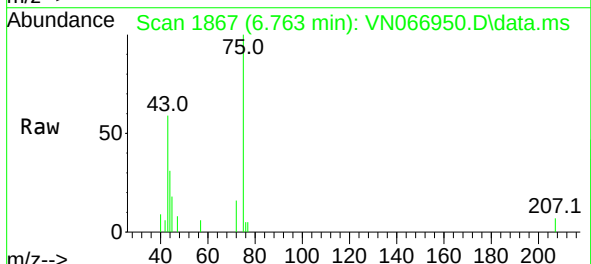
Instrument :
MSVOA_N
ClientSampled :



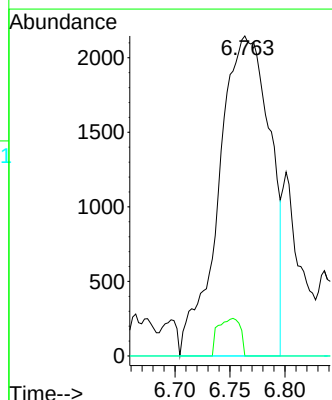
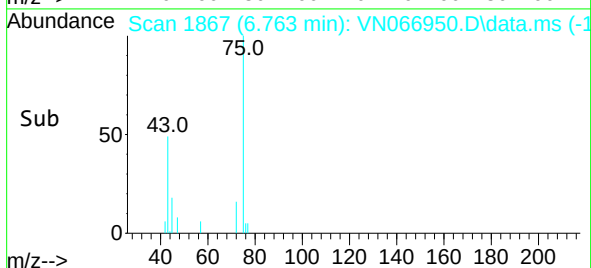
Tgt Ion: 75 Resp: 43542
Ion Ratio Lower Upper
75 100
110 8.3 18.2 54.6#
77 0.1 24.9 37.3#

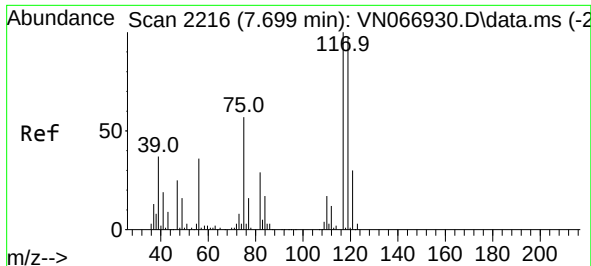


#37
Ethyl Acetate
Concen: 0.79 ug/l
RT: 6.763 min Scan# 1867
Delta R.T. -0.081 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07



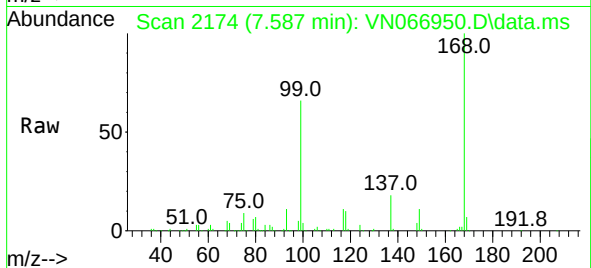
Tgt Ion: 43 Resp: 6945
Ion Ratio Lower Upper
43 100
61 5.1 11.6 17.4#
70 0.0 8.6 13.0#



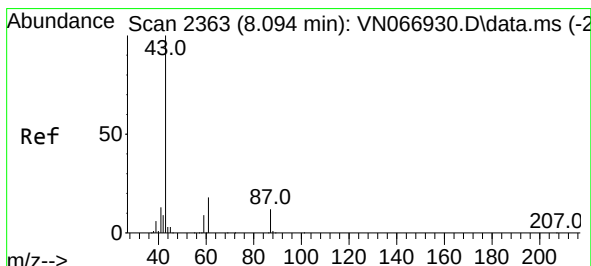
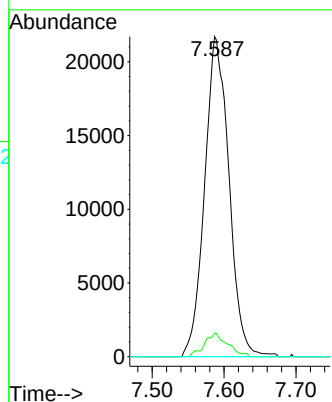
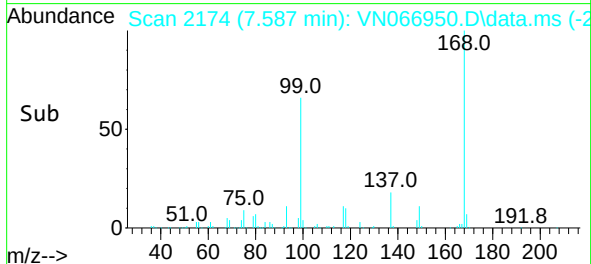


#38
Carbon Tetrachloride
Concen: 5.65 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. -0.112 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

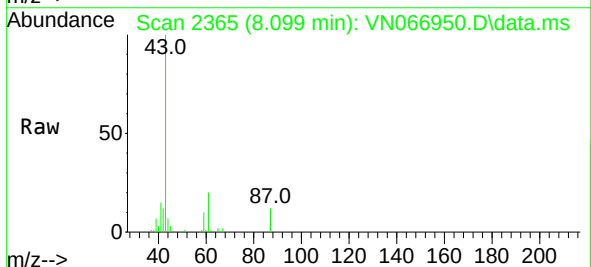
Instrument :
MSVOA_N
ClientSampled :



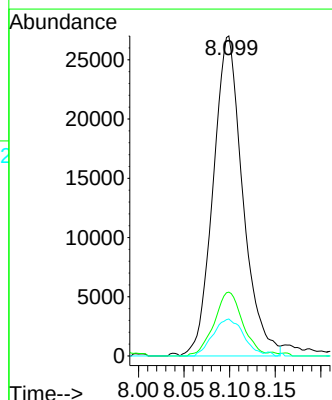
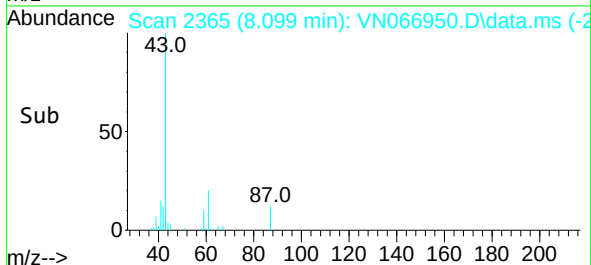
Tgt Ion: 117 Resp: 51079
Ion Ratio Lower Upper
117 100
119 7.4 76.0 114.0#
121 0.0 24.5 36.7#

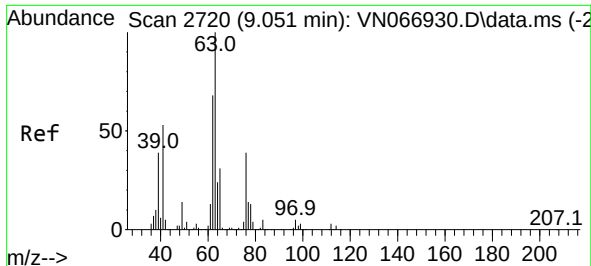


#43
Isopropyl Acetate
Concen: 4.25 ug/l
RT: 8.099 min Scan# 2365
Delta R.T. 0.005 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07



Tgt Ion: 43 Resp: 60920
Ion Ratio Lower Upper
43 100
61 19.2 22.5 33.7#
87 11.9 11.1 16.7

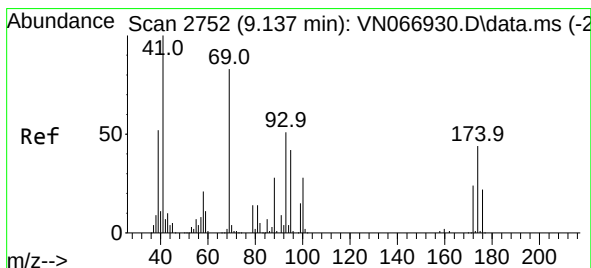
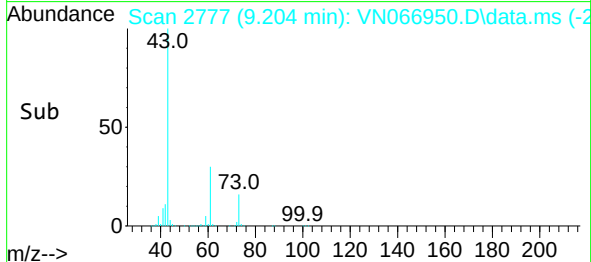
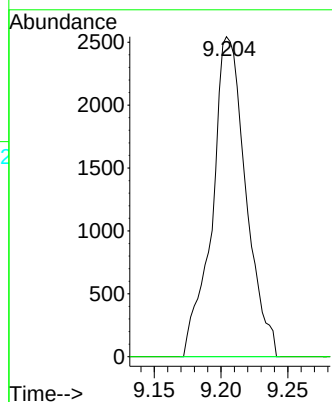
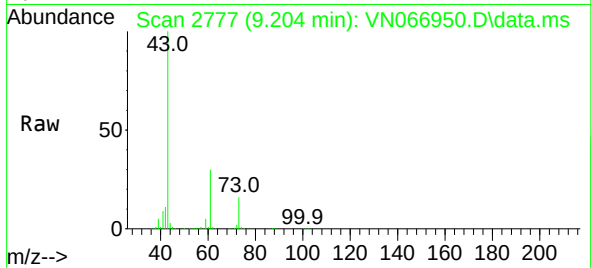




#45
1,2-Dichloropropane
Concen: 0.59 ug/l
RT: 9.204 min Scan# 2777
Delta R.T. 0.153 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

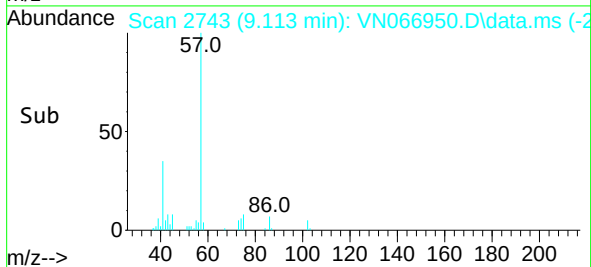
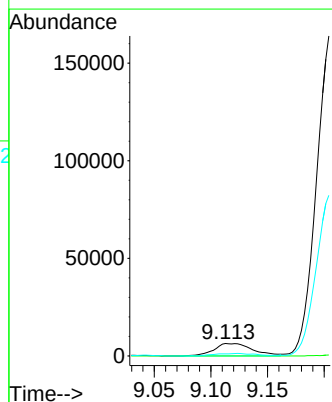
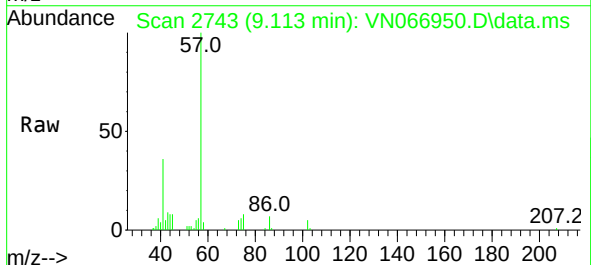
Instrument :
MSVOA_N
ClientSampled :

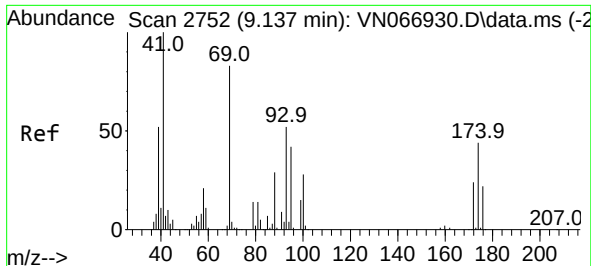
Tgt Ion: 63 Resp: 4464
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 2.38 ug/l
RT: 9.113 min Scan# 2743
Delta R.T. -0.024 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

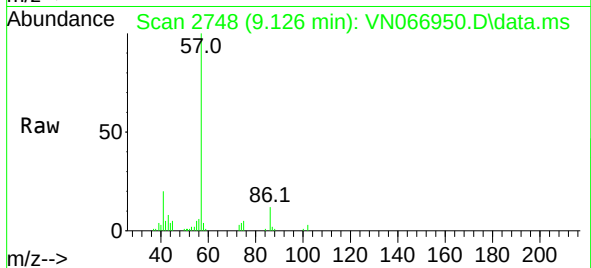
Tgt Ion: 41 Resp: 15146
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



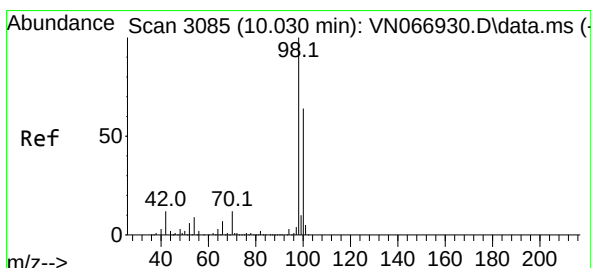
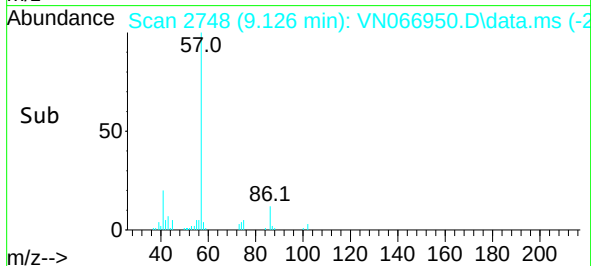
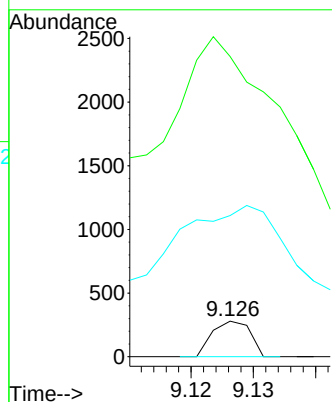


#49
1,4-Dioxane
Concen: 1.17 ug/l
RT: 9.126 min Scan# 2748
Delta R.T. -0.011 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

Instrument :
MSVOA_N
ClientSampled :

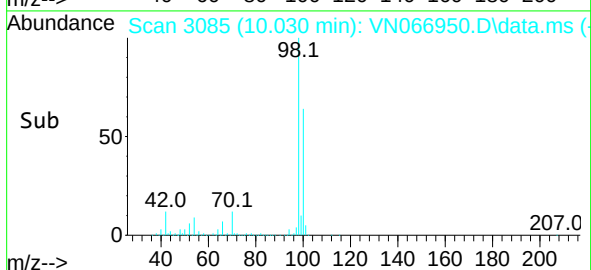
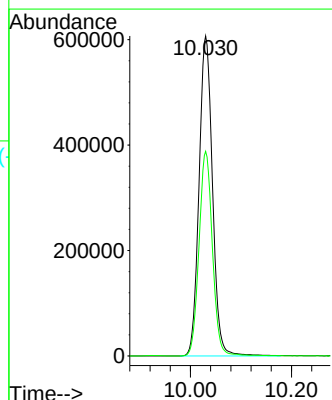
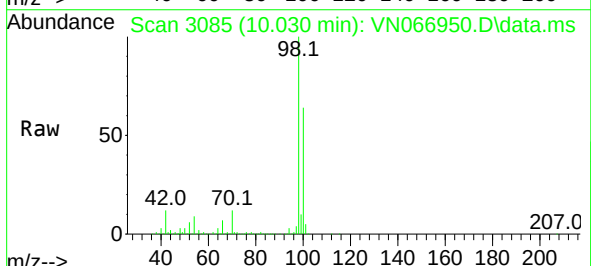


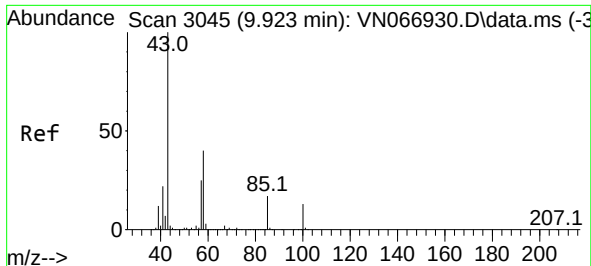
Tgt Ion: 88 Resp: 118
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 2161.9 52.6 78.8#



#50
Toluene-d8
Concen: 52.13 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

Tgt Ion: 98 Resp: 1121295
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7

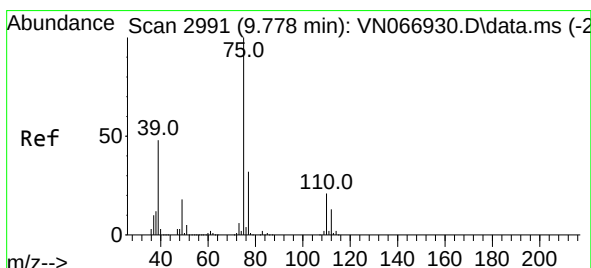
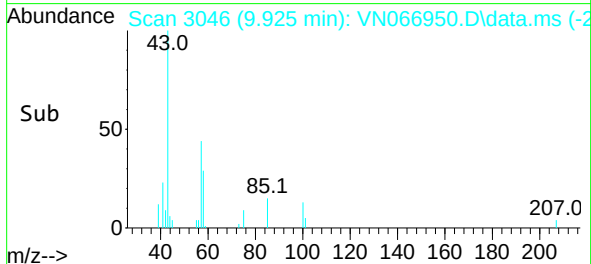
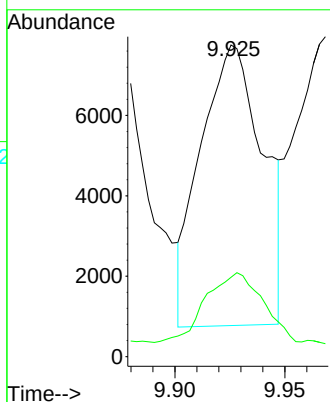
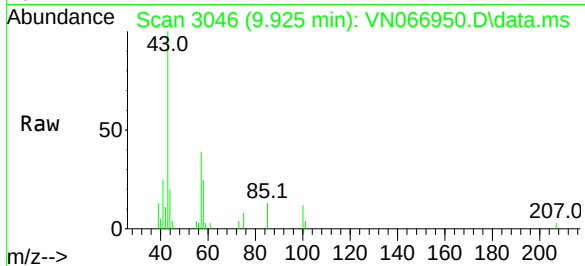




#51
4-Methyl-2-Pentanone
Concen: 1.65 ug/l
RT: 9.925 min Scan# 3046
Delta R.T. 0.002 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

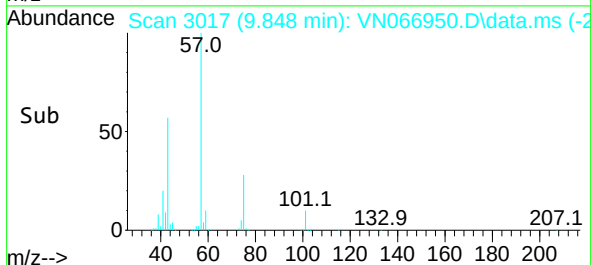
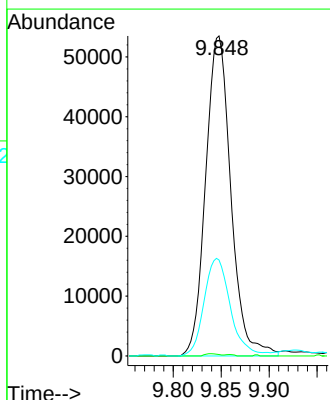
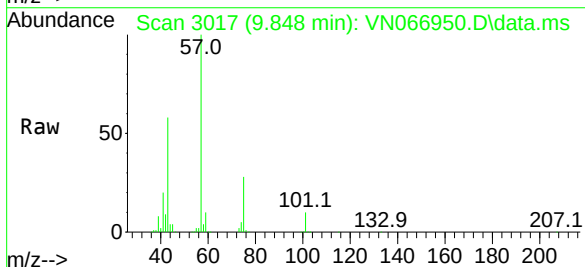
Instrument :
MSVOA_N
ClientSampled :

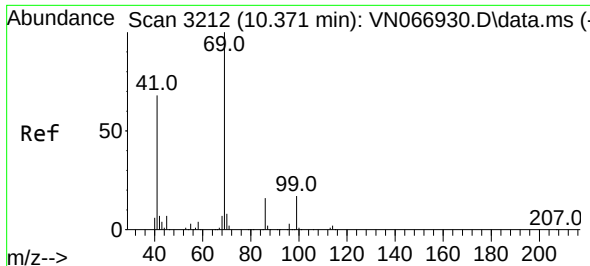
Tgt Ion: 43 Resp: 13699
Ion Ratio Lower Upper
43 100
58 24.7 32.5 48.7#



#54
cis-1,3-Dichloropropene
Concen: 8.60 ug/l
RT: 9.848 min Scan# 3017
Delta R.T. 0.070 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

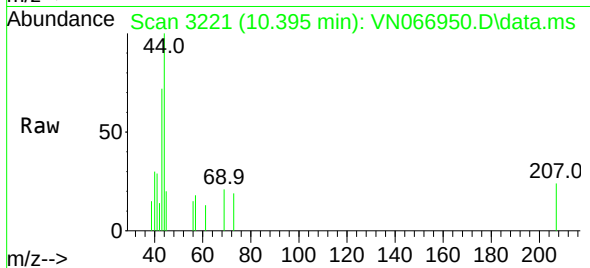
Tgt Ion: 75 Resp: 98033
Ion Ratio Lower Upper
75 100
77 0.4 24.9 37.3#
39 30.0 36.2 54.4#



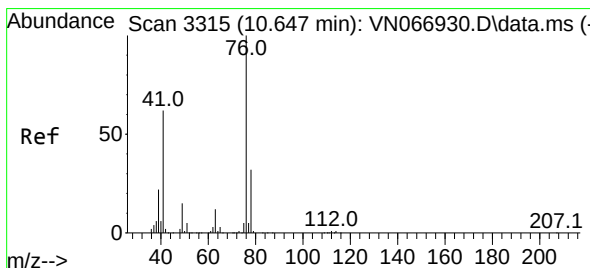
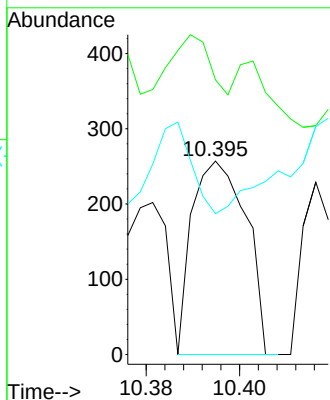
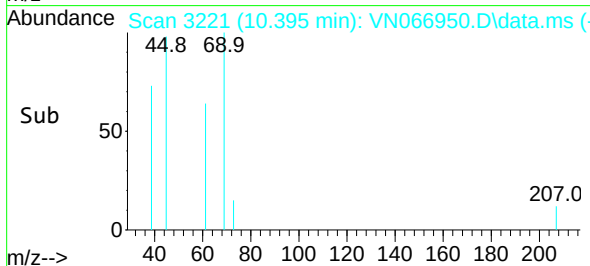


#56
Ethyl methacrylate
Concen: 5.21 ug/l
RT: 10.395 min Scan# 3221
Delta R.T. 0.024 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

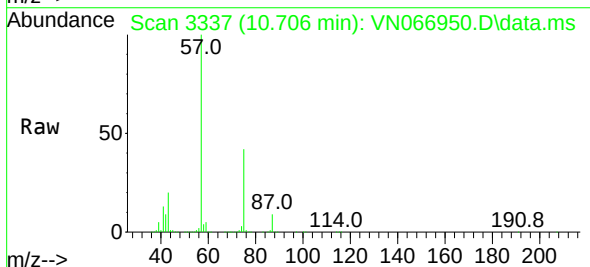
Instrument :
MSVOA_N
ClientSampled :



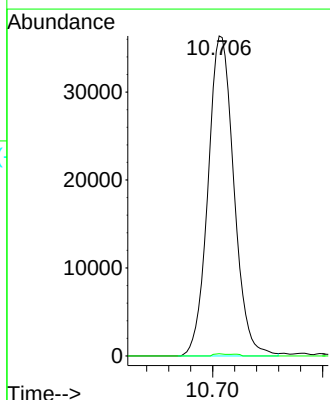
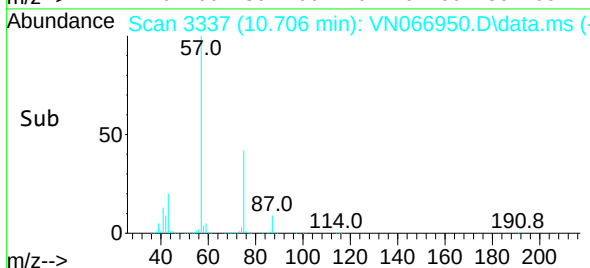
Tgt Ion: 69 Resp: 206
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

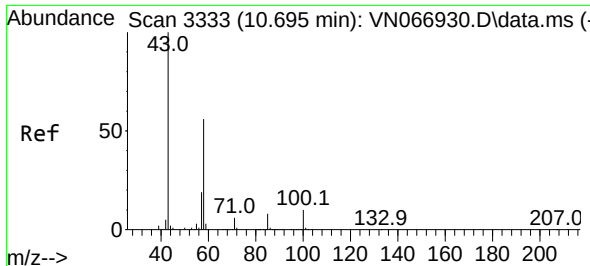


#57
1,3-Dichloropropane
Concen: 5.29 ug/l
RT: 10.706 min Scan# 3337
Delta R.T. 0.059 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07



Tgt Ion: 76 Resp: 59428
Ion Ratio Lower Upper
76 100
78 0.3 25.7 38.5#

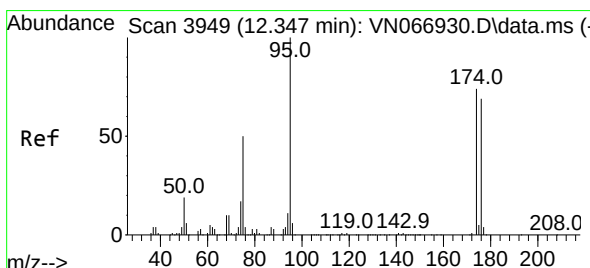
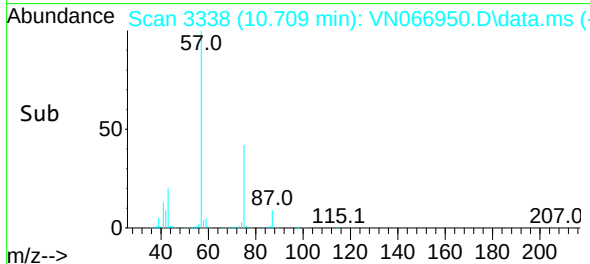
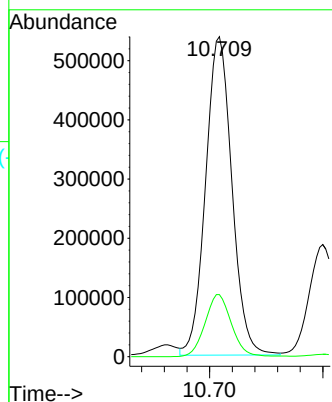
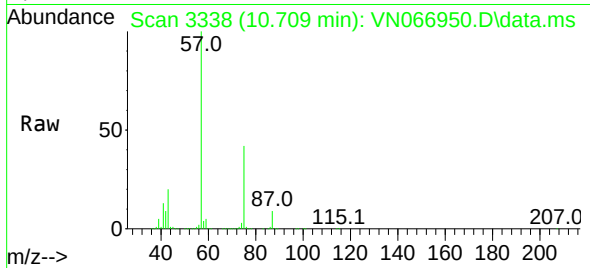




#59
2-Hexanone
Concen: 155.35 ug/l
RT: 10.709 min Scan# 3338
Delta R.T. 0.014 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

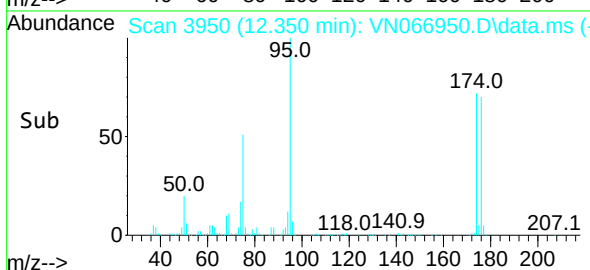
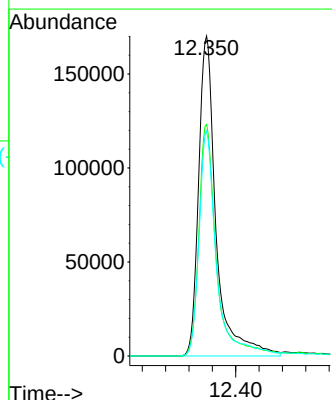
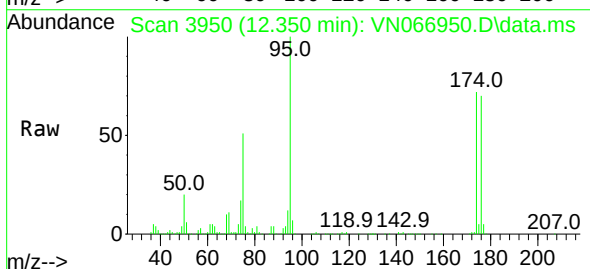
Instrument :
MSVOA_N
ClientSampled :

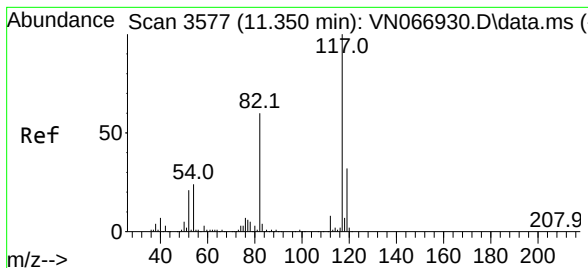
Tgt Ion: 43 Resp: 867222
Ion Ratio Lower Upper
43 100
58 19.7 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 48.46 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

Tgt Ion: 95 Resp: 352931
Ion Ratio Lower Upper
95 100
174 72.8 0.0 169.0
176 70.1 0.0 162.4

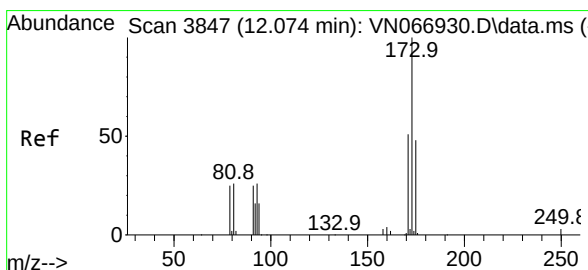
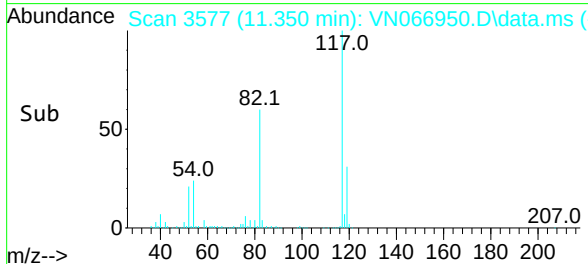
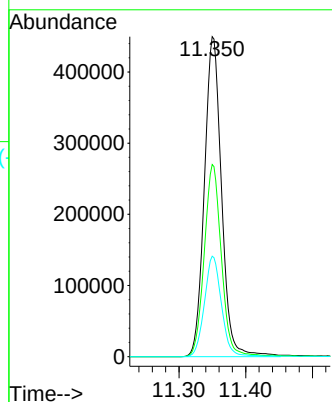
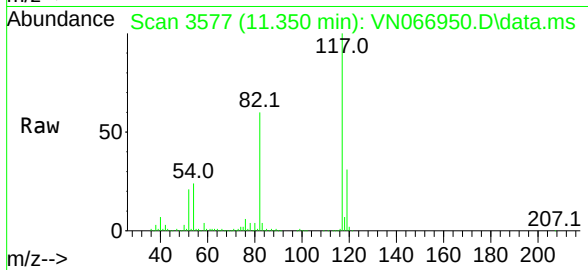




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

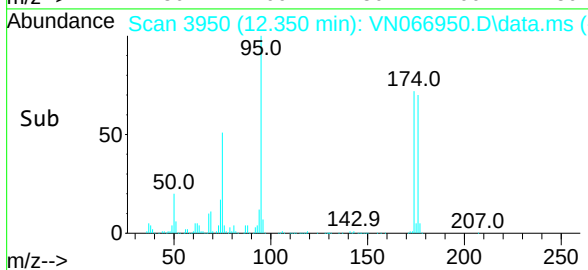
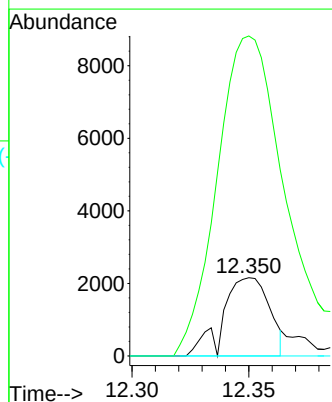
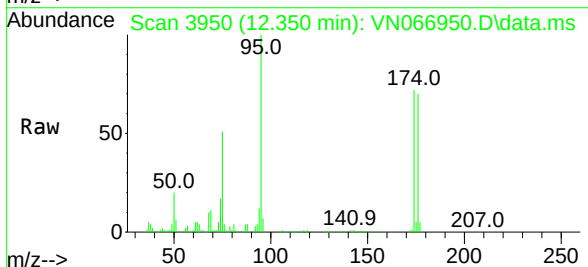
Instrument :
MSVOA_N
ClientSampled :

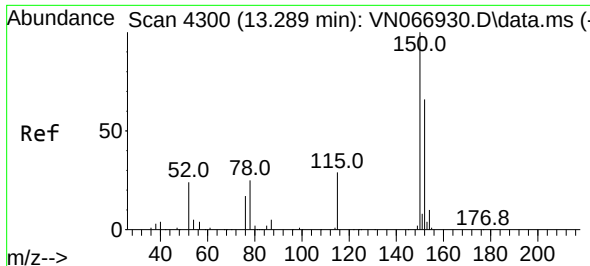
Tgt Ion:117 Resp: 802687
Ion Ratio Lower Upper
117 100
82 60.1 43.7 65.5
119 31.4 26.1 39.1



#71
Bromoform
Concen: 0.62 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.276 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

Tgt Ion:173 Resp: 2988
Ion Ratio Lower Upper
173 100
175 488.8 23.8 71.2#
254 0.0 0.0 0.0

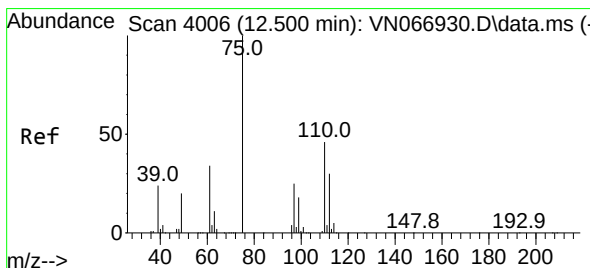
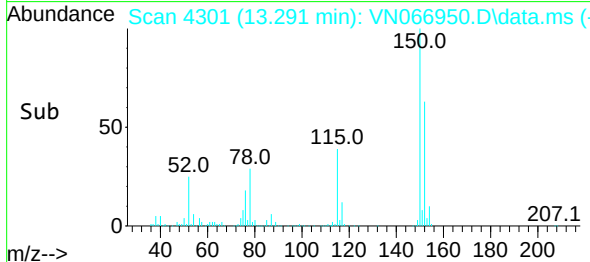
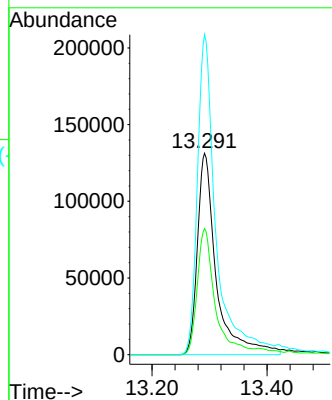
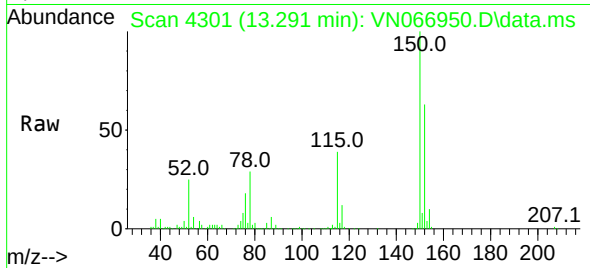




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

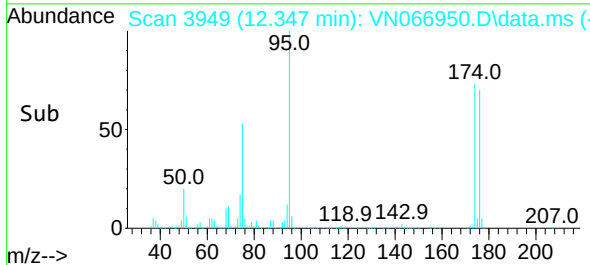
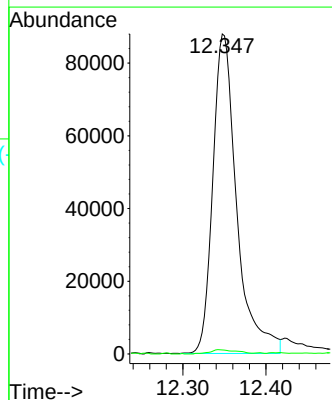
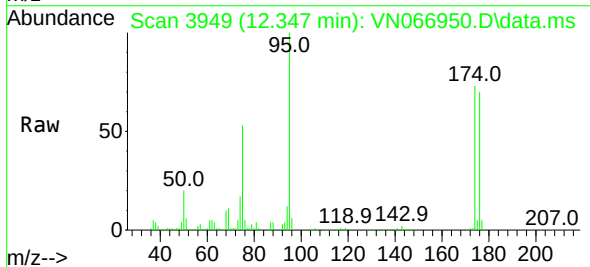
Instrument :
MSVOA_N
ClientSampled :

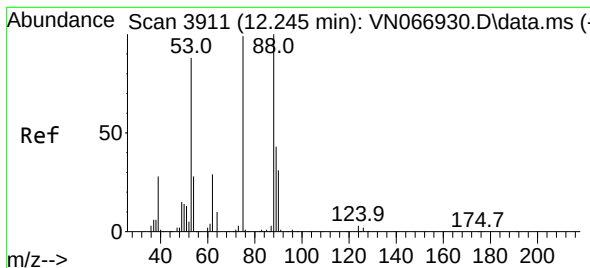
Tgt Ion:152 Resp: 301328
Ion Ratio Lower Upper
152 100
115 58.9 28.5 85.6
150 155.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 24.47 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. -0.153 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

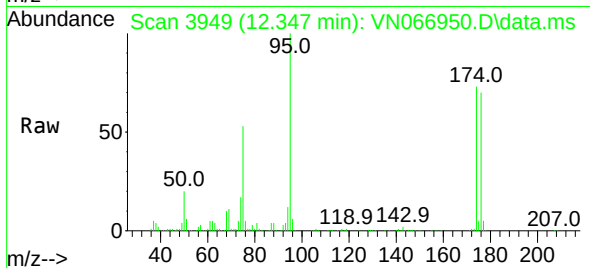
Tgt Ion: 75 Resp: 175632
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



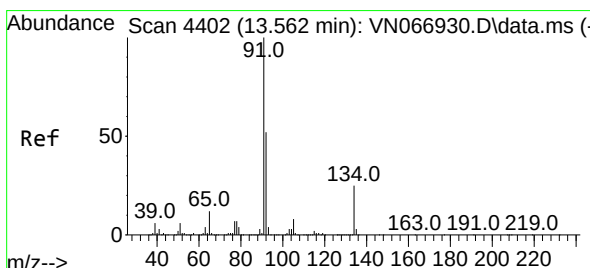
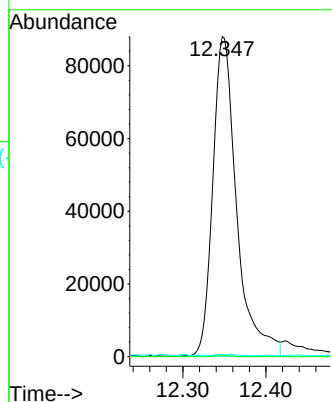
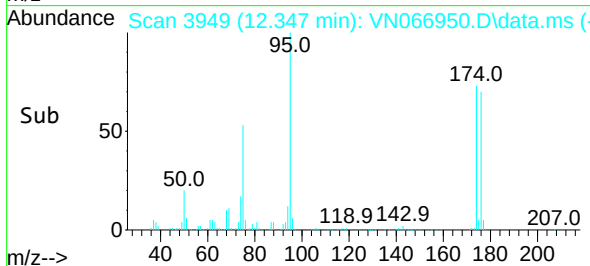


#81
trans-1,4-Dichloro-2-butene
Concen: 73.75 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.102 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07

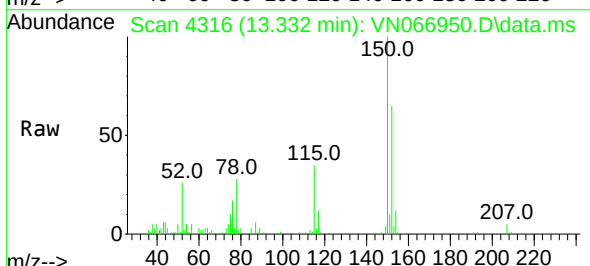
Instrument :
MSVOA_N
ClientSampleId :



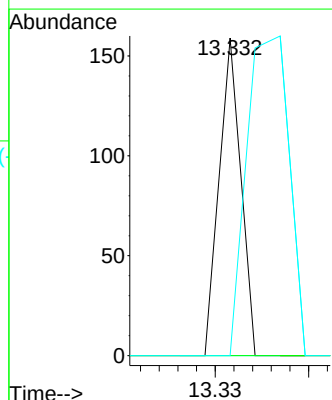
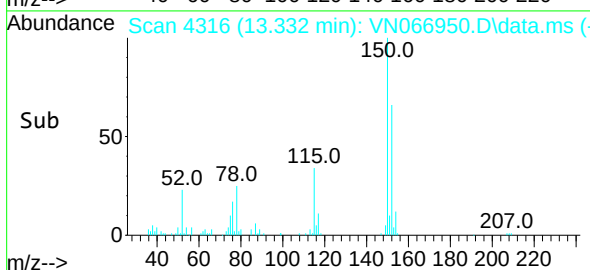
Tgt Ion: 75 Resp: 175632
Ion Ratio Lower Upper
75 100
53 0.3 74.6 111.8#
89 0.1 35.8 53.8#

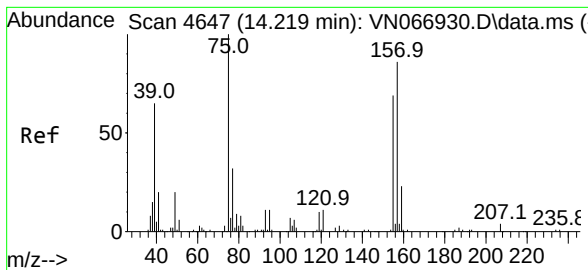


#89
n-Butylbenzene
Concen: 5.24 ug/l
RT: 13.332 min Scan# 4316
Delta R.T. -0.230 min
Lab File: VN066950.D
Acq: 4 May 2021 21:07



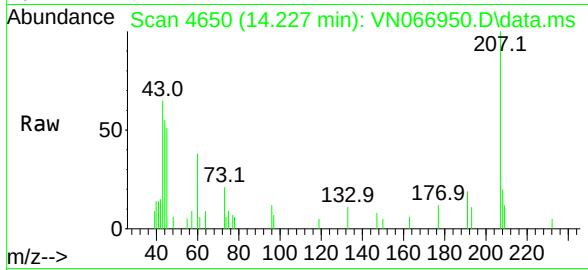
Tgt Ion: 91 Resp: 26
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 196.2 13.0 38.9#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.21 ug/l
 RT: 14.227 min Scan# 4650
 Delta R.T. 0.008 min
 Lab File: VN066950.D
 Acq: 4 May 2021 21:07

Instrument :
 MSVOA_N
 ClientSampled :



Tgt Ion: 75 Resp: 312
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.1 132.4#
 157 0.0 56.0 168.2#

