

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066967.D
 Acq On : 5 May 2021 4:45
 Operator : JC/MD
 Sample : M2256-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 05 07:50:49 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)

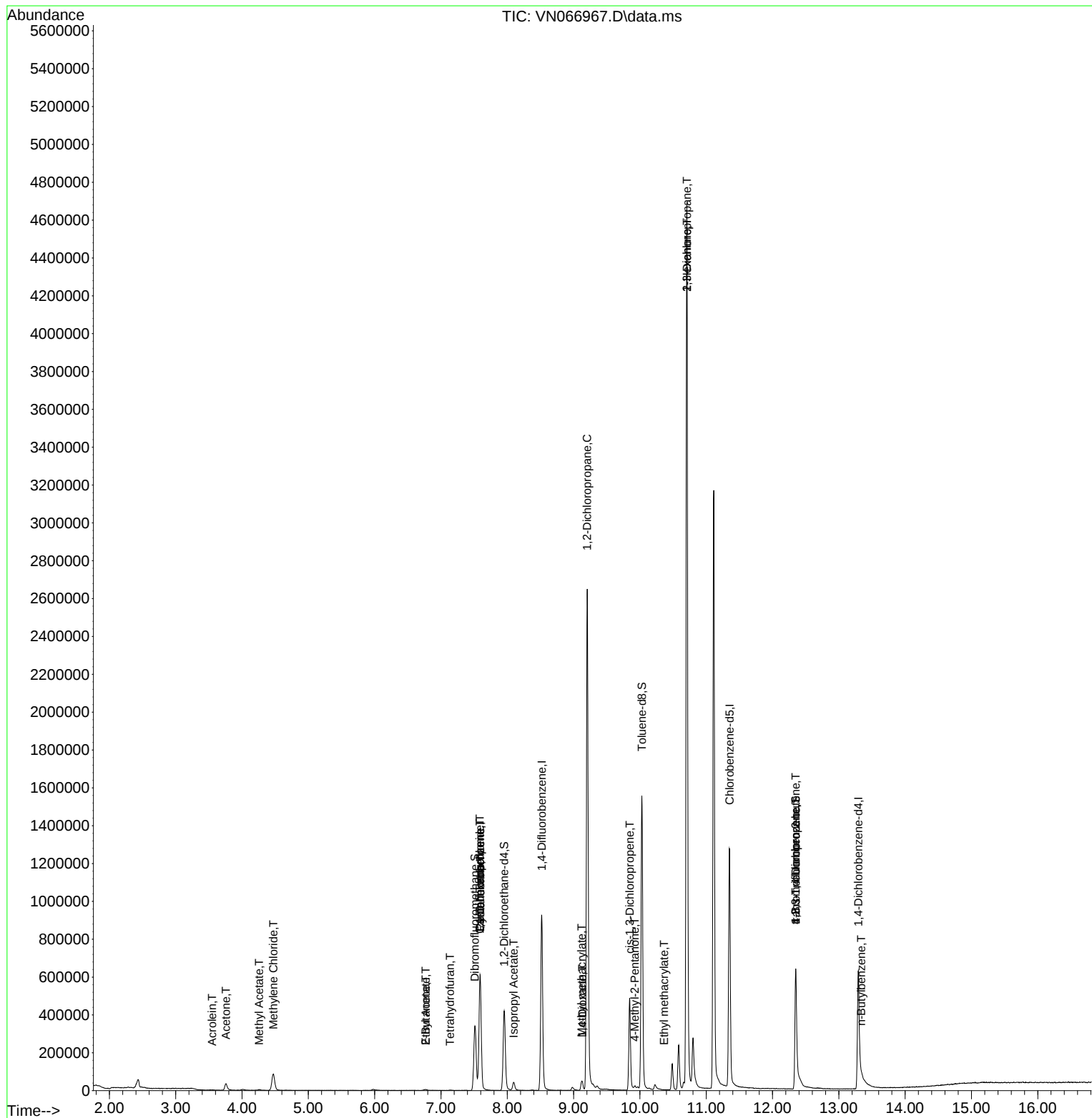
Internal Standards						
1) Pentafluorobenzene	7.592	168	459424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	775964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	737699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	253156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	377528	52.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.42%			
35) Dibromofluoromethane	7.512	113	269794	51.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.40%			
50) Toluene-d8	10.030	98	1044321	52.04	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.08%			
62) 4-Bromofluorobenzene	12.350	95	301494	44.37	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.74%			
Target Compounds					Qvalue	
13) Acrolein	3.550	56	1145	1.35	ug/l #	68
16) Acetone	3.757	43	59074	23.22	ug/l	100
18) Methyl Acetate	4.258	43	4157	0.57	ug/l #	62
20) Methylene Chloride	4.473	84	63228	9.80	ug/l	96
25) 2-Butanone	6.769	43	7646	2.04	ug/l #	83
29) Tetrahydrofuran	7.139	42	1508	0.61	ug/l #	51
31) Cyclohexane	7.592	56	11703	1.15	ug/l #	10
36) 1,1-Dichloropropene	7.587	75	41756	5.17	ug/l #	43
37) Ethyl Acetate	6.769	43	7646	0.93	ug/l #	68
38) Carbon Tetrachloride	7.587	117	48865	5.80	ug/l #	17
43) Isopropyl Acetate	8.096	43	52579	3.93	ug/l #	87
45) 1,2-Dichloropropane	9.204	63	3240	0.46	ug/l #	44
48) Methyl methacrylate	9.121	41	12201	2.06	ug/l #	10
49) 1,4-Dioxane	9.132	88	146	1.55	ug/l #	1
51) 4-Methyl-2-Pentanone	9.923	43	6726	0.87	ug/l #	77
54) cis-1,3-Dichloropropene	9.845	75	87594	8.23	ug/l #	66
56) Ethyl methacrylate	10.365	69	165	5.21	ug/l #	27
57) 1,3-Dichloropropane	10.709	76	47536	4.53	ug/l #	43
59) 2-Hexanone	10.709	43	681787	135.38	ug/l #	50
76) 1,2,3-Trichloropropane	12.350	75	145605	24.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	145570	72.83	ug/l #	12
89) n-Butylbenzene	13.337	91	52	5.24	ug/l #	34

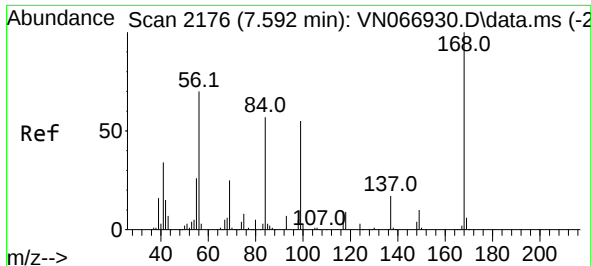
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
Data File : VN066967.D
Acq On : 5 May 2021 4:45
Operator : JC/MD
Sample : M2256-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 05 07:50:49 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

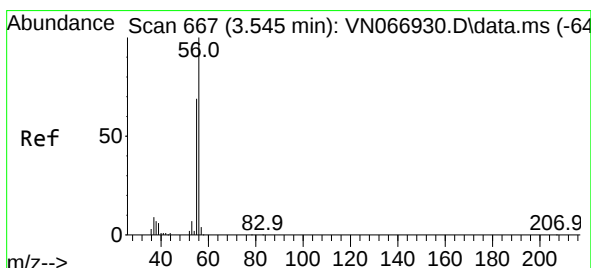
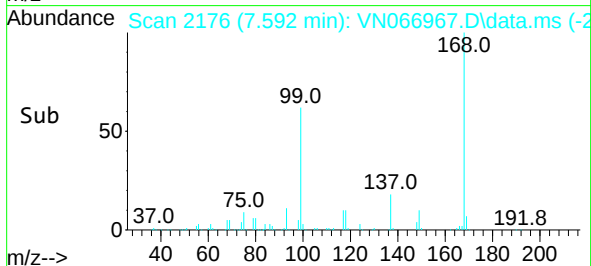
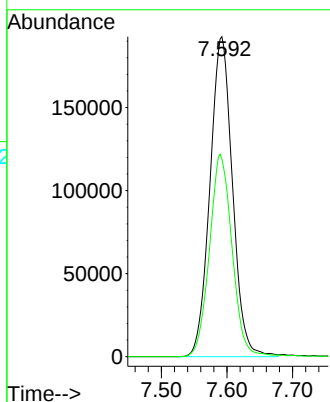
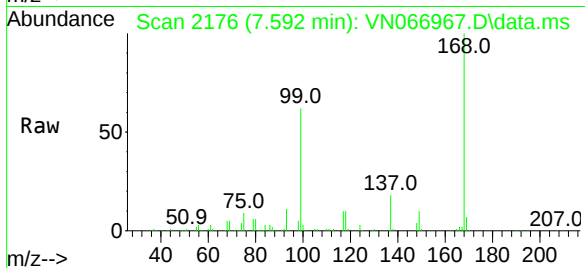




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

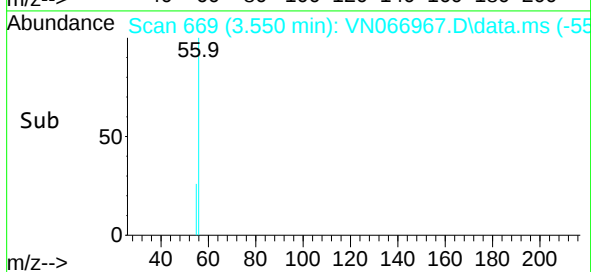
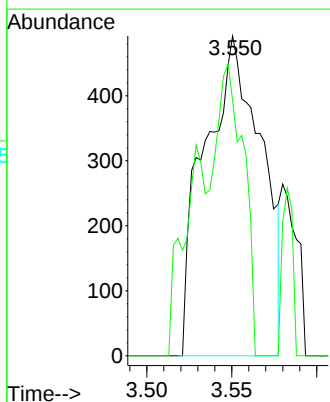
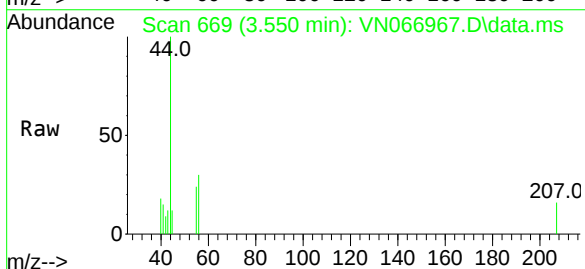
Instrument :
MSVOA_N
ClientSampleId :

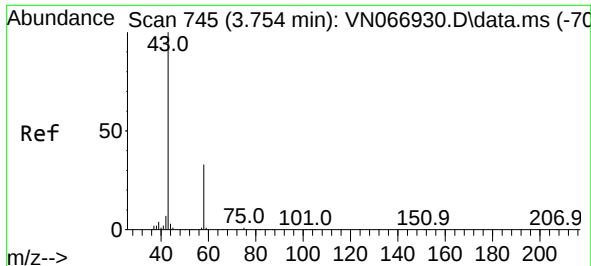
Tgt Ion:168 Resp: 459424
Ion Ratio Lower Upper
168 100
99 61.8 42.6 63.8



#13
Acrolein
Concen: 1.35 ug/l
RT: 3.550 min Scan# 669
Delta R.T. 0.005 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

Tgt Ion: 56 Resp: 1145
Ion Ratio Lower Upper
56 100
55 43.8 56.0 84.0#

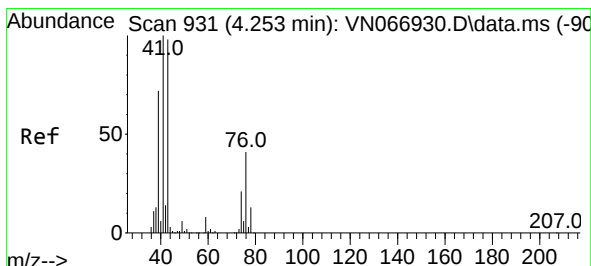
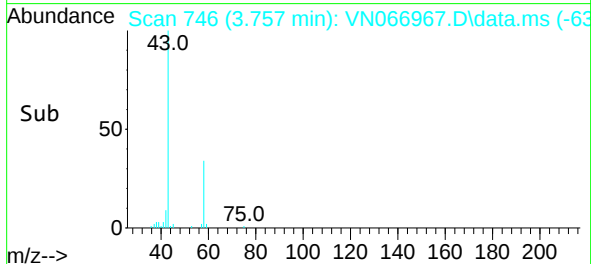
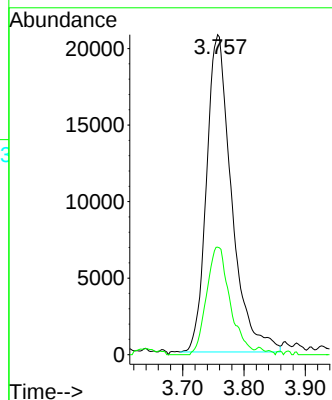
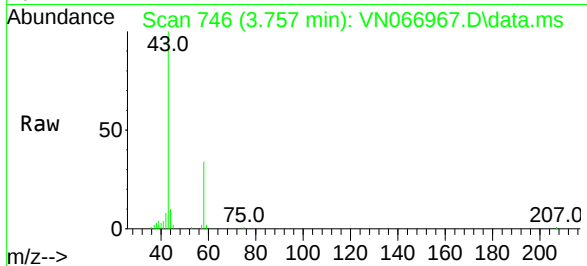




#16
Acetone
Concen: 23.22 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

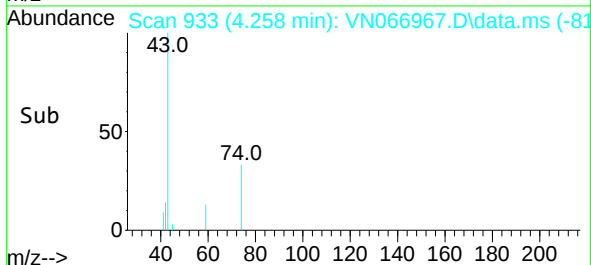
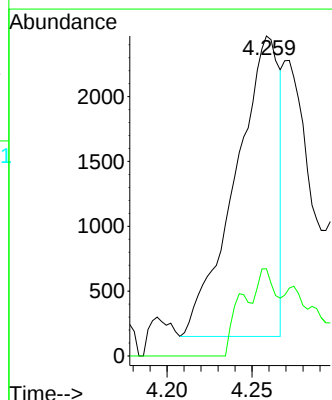
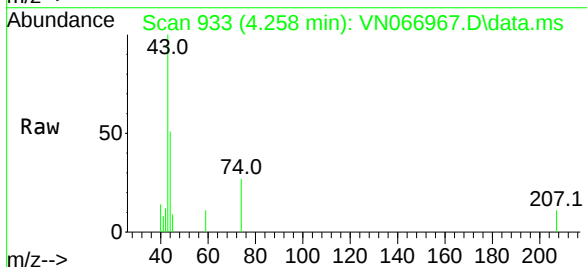
Instrument :
MSVOA_N
ClientSampled :

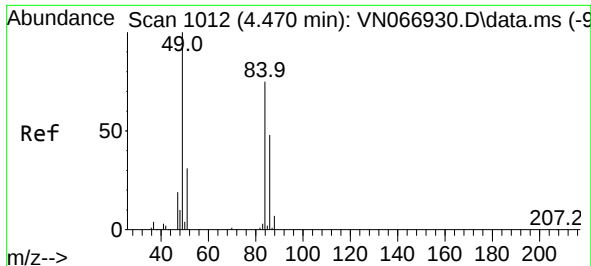
Tgt Ion: 43 Resp: 59074
Ion Ratio Lower Upper
43 100
58 33.9 27.0 40.6



#18
Methyl Acetate
Concen: 0.57 ug/l
RT: 4.258 min Scan# 933
Delta R.T. 0.005 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

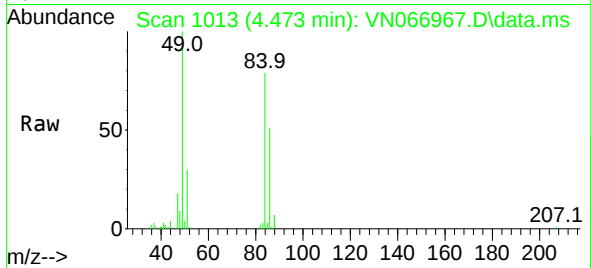
Tgt Ion: 43 Resp: 4157
Ion Ratio Lower Upper
43 100
74 5.4 19.5 29.3#



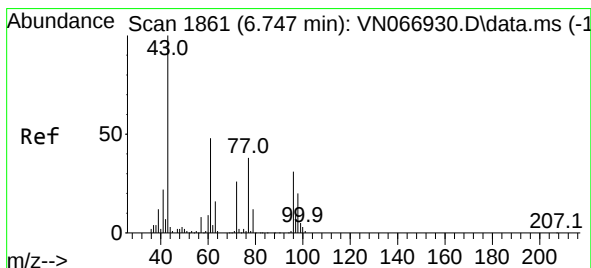
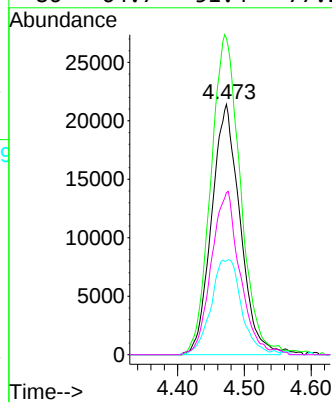
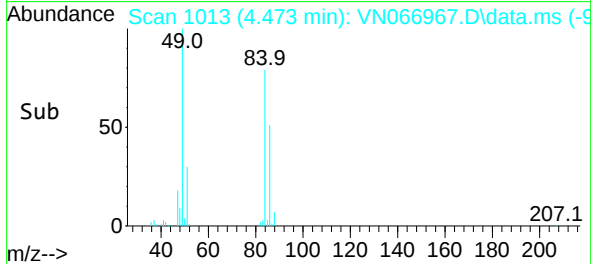


#20
Methylene Chloride
Concen: 9.80 ug/l
RT: 4.473 min Scan# 1013
Delta R.T. 0.003 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

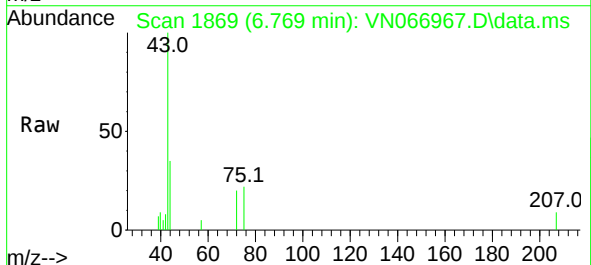
Instrument :
MSVOA_N
ClientSampled :



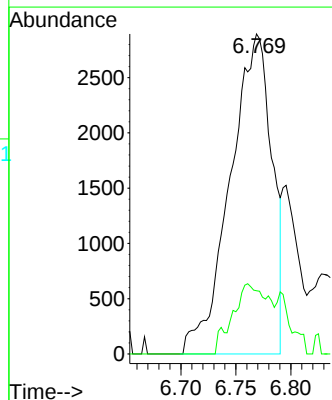
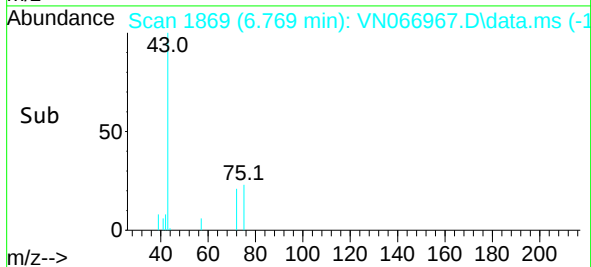
Tgt Ion:	84	Resp:	63228
Ion	Ratio	Lower	Upper
84	100		
49	126.3	94.6	141.8
51	37.4	29.9	44.9
86	64.7	51.4	77.2

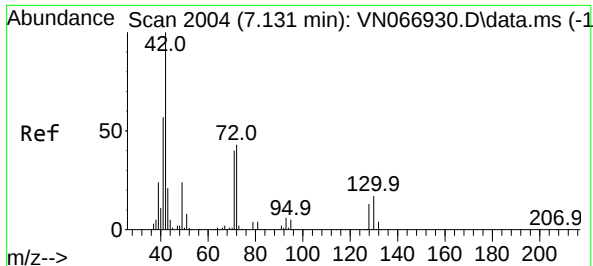


#25
2-Butanone
Concen: 2.04 ug/l
RT: 6.769 min Scan# 1869
Delta R.T. 0.022 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45



Tgt Ion:	43	Resp:	7646
Ion	Ratio	Lower	Upper
43	100		
72	19.8	23.1	34.7#

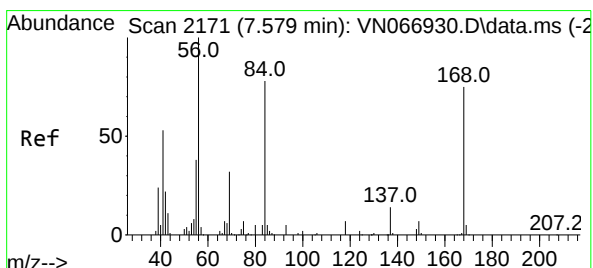
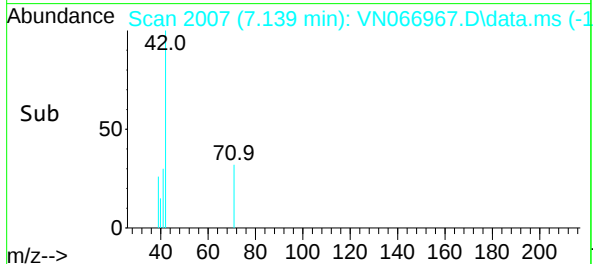
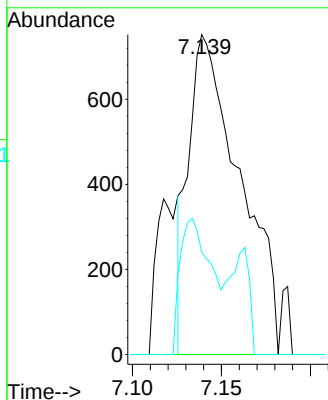
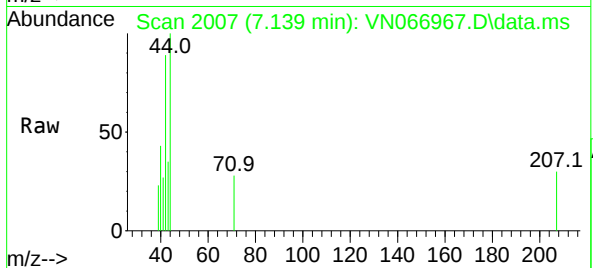




#29
Tetrahydrofuran
Concen: 0.61 ug/l
RT: 7.139 min Scan# 2007
Delta R.T. 0.008 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

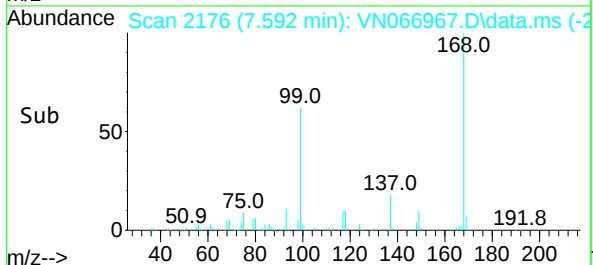
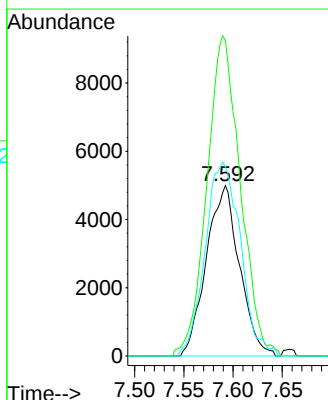
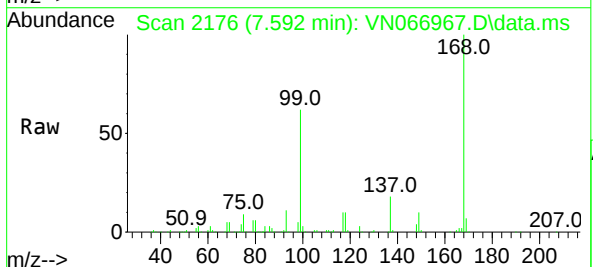
Instrument :
MSVOA_N
ClientSampled :

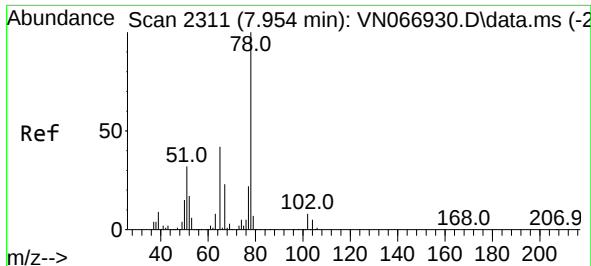
Tgt Ion: 42 Resp: 1508
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 25.5 34.3 51.5#



#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.013 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

Tgt Ion: 56 Resp: 11703
Ion Ratio Lower Upper
56 100
69 182.0 26.6 39.8#
84 111.1 70.4 105.6#

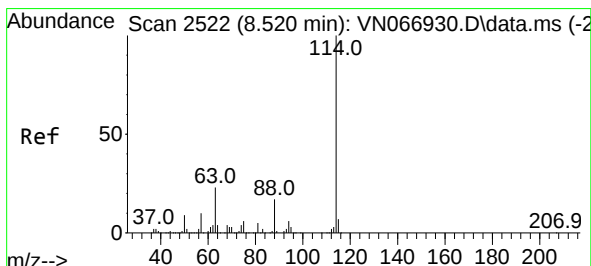
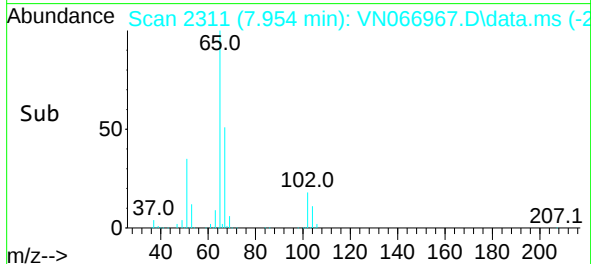
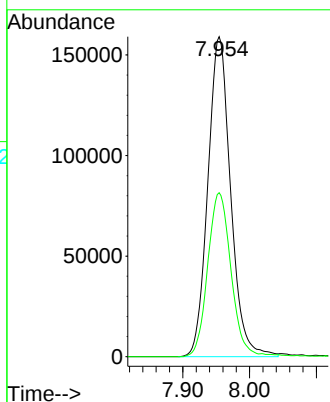
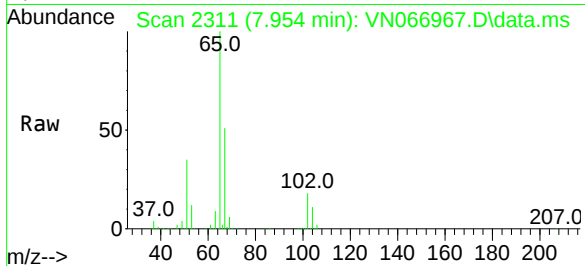




#33
 1,2-Dichloroethane-d4
 Concen: 52.21 ug/l
 RT: 7.954 min Scan# 2311
 Delta R.T. 0.000 min
 Lab File: VN066967.D
 Acq: 5 May 2021 4:45

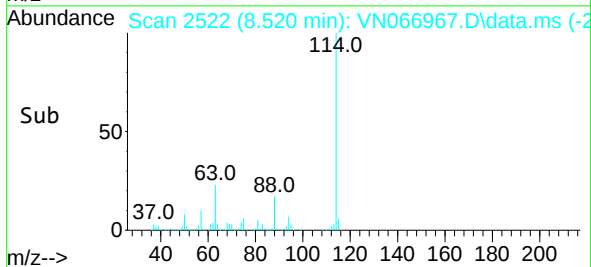
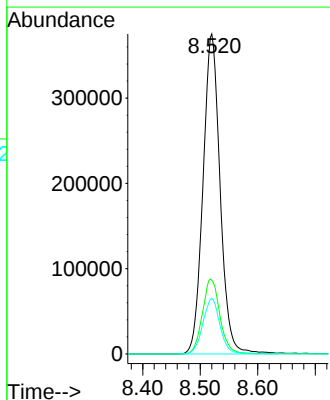
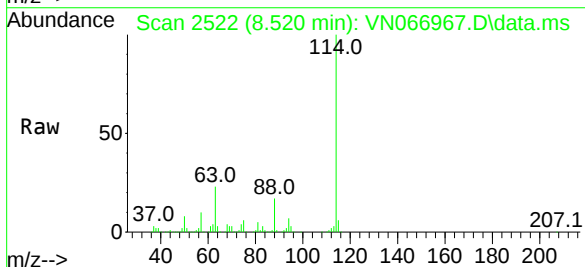
Instrument :
 MSVOA_N
 ClientSampleId :

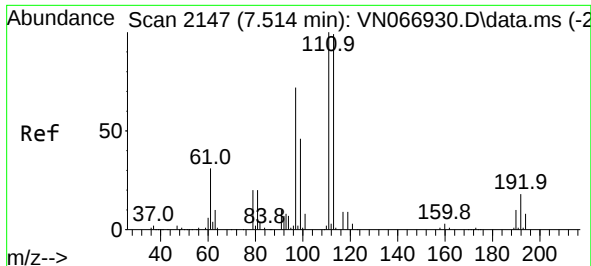
Tgt Ion: 65 Resp: 377528
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.520 min Scan# 2522
 Delta R.T. 0.000 min
 Lab File: VN066967.D
 Acq: 5 May 2021 4:45

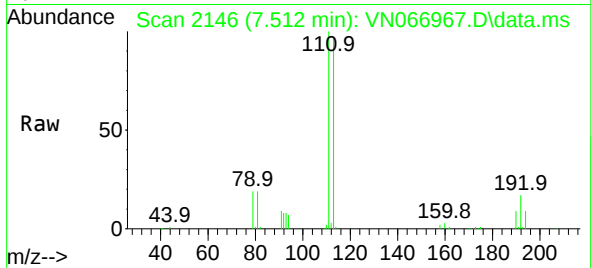
Tgt Ion: 114 Resp: 775964
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 38.6
 88 17.3 0.0 30.6



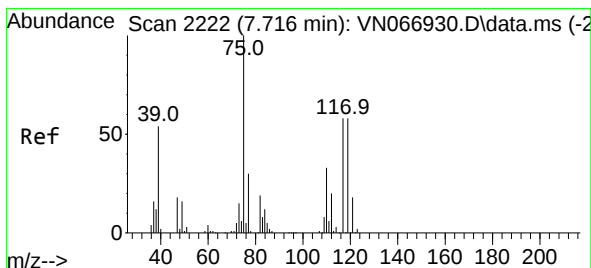
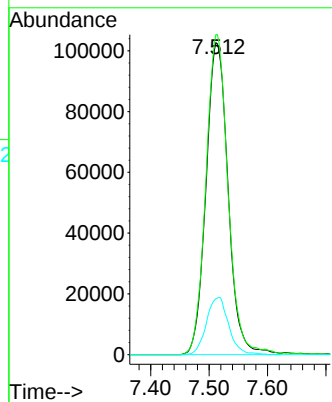
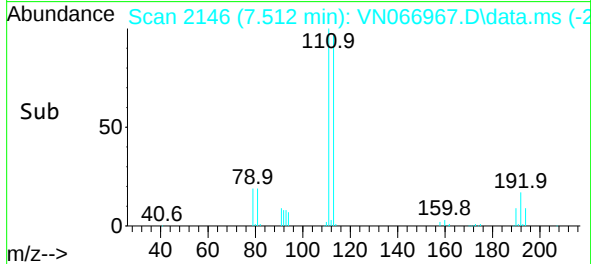


#35
Dibromofluoromethane
Concen: 51.20 ug/l
RT: 7.512 min Scan# 2146
Delta R.T. -0.002 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

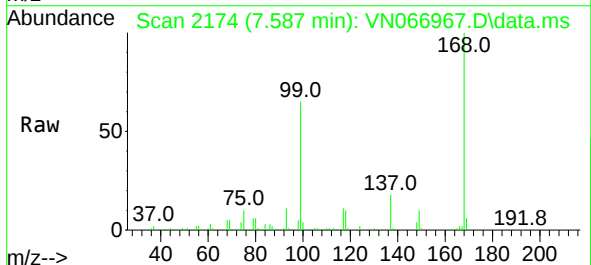
Instrument :
MSVOA_N
ClientSampleId :



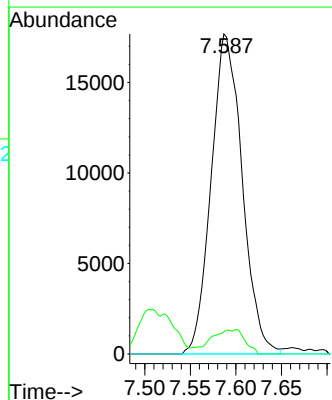
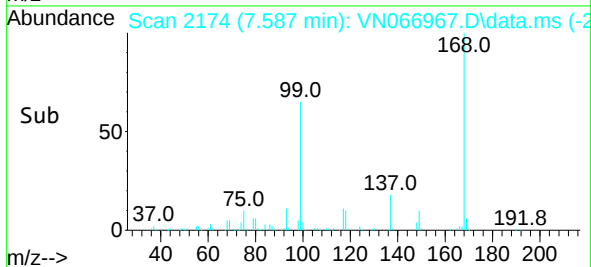
Tgt Ion:113 Resp: 269794
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 18.5 15.4 23.0

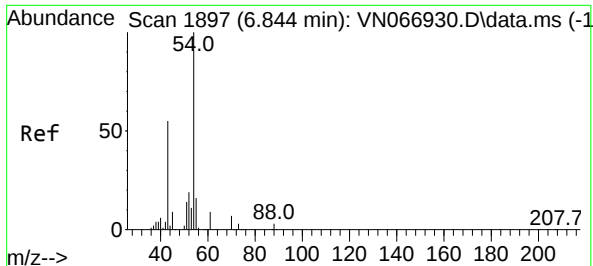


#36
1,1-Dichloropropene
Concen: 5.17 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. -0.129 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45



Tgt Ion: 75 Resp: 41756
Ion Ratio Lower Upper
75 100
110 2.9 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.93 ug/l

RT: 6.769 min Scan# 1869

Delta R.T. -0.075 min

Lab File: VN066967.D

Acq: 5 May 2021 4:45

Tgt Ion: 43 Resp: 7646

Ion Ratio Lower Upper

43 100

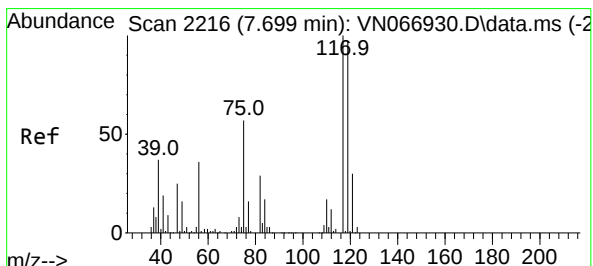
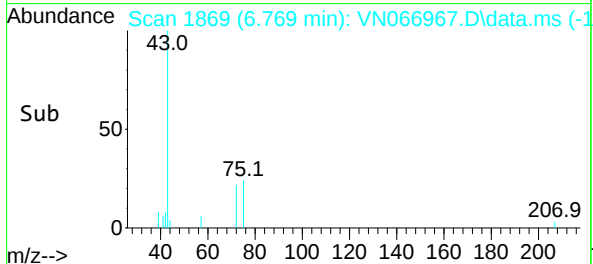
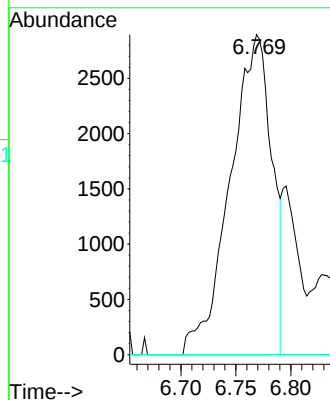
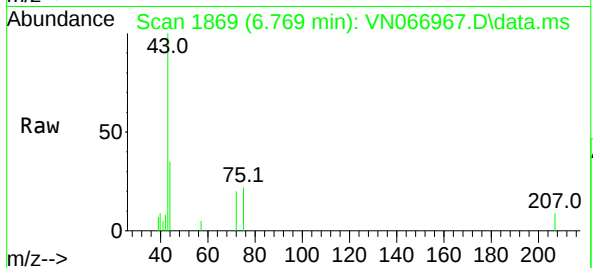
61 0.0 11.6 17.4#

70 0.0 8.6 13.0#

Instrument :

MSVOA_N

ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.80 ug/l

RT: 7.587 min Scan# 2174

Delta R.T. -0.112 min

Lab File: VN066967.D

Acq: 5 May 2021 4:45

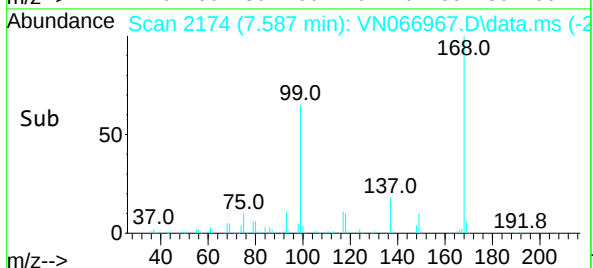
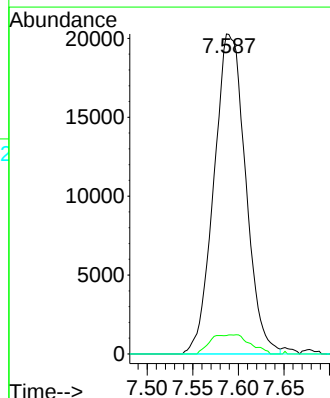
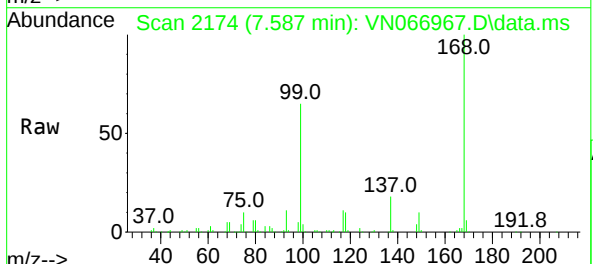
Tgt Ion: 117 Resp: 48865

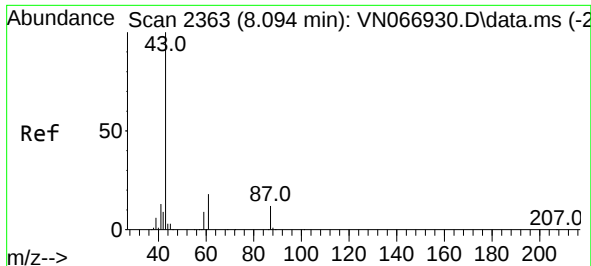
Ion Ratio Lower Upper

117 100

119 5.8 76.0 114.0#

121 0.0 24.5 36.7#

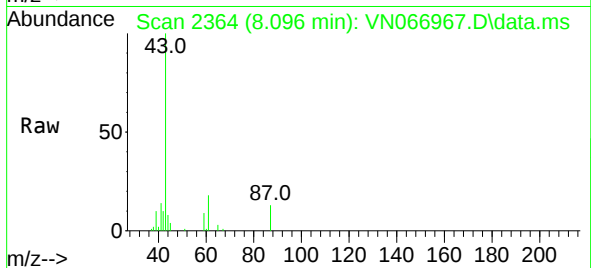




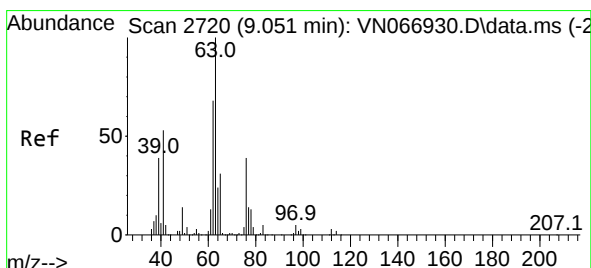
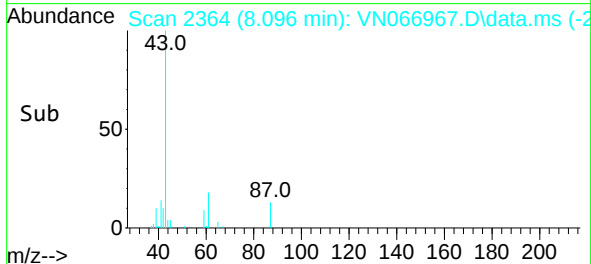
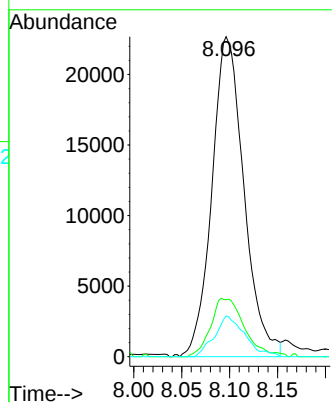
#43

Isopropyl Acetate
Concen: 3.93 ug/l
RT: 8.096 min Scan# 2364
Delta R.T. 0.002 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

Instrument :
MSVOA_N
ClientSampled :



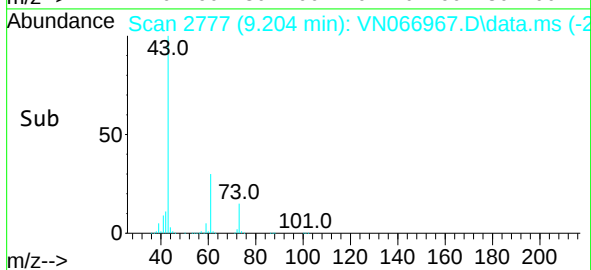
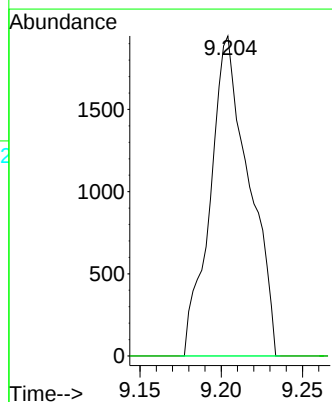
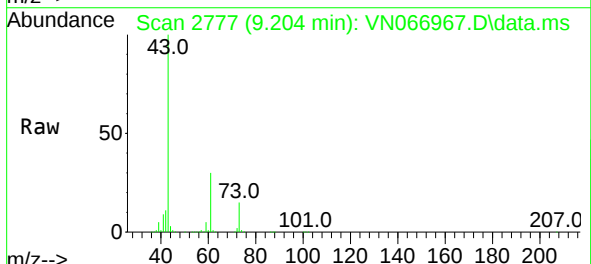
Tgt Ion: 43 Resp: 52579
Ion Ratio Lower Upper
43 100
61 19.2 22.5 33.7#
87 12.1 11.1 16.7

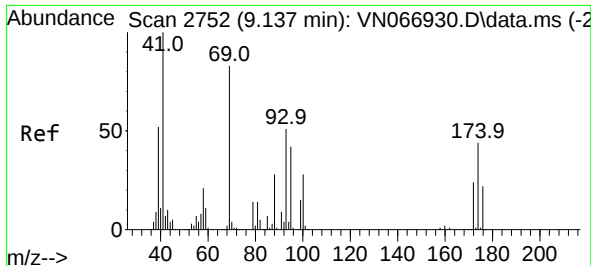


#45

1,2-Dichloropropane
Concen: 0.46 ug/l
RT: 9.204 min Scan# 2777
Delta R.T. 0.153 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

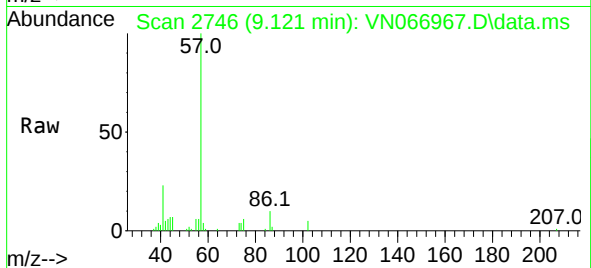
Tgt Ion: 63 Resp: 3240
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



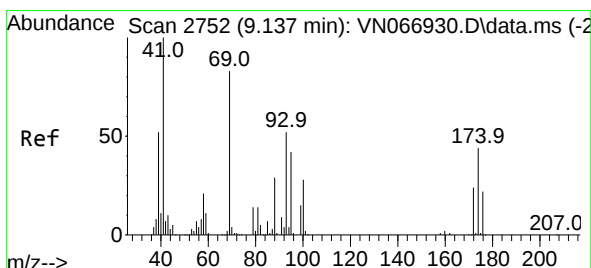
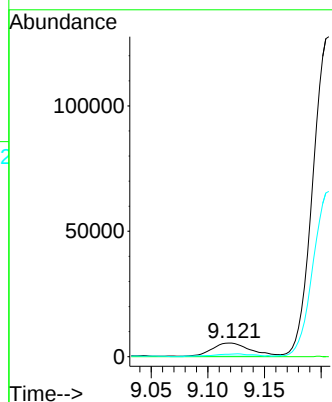
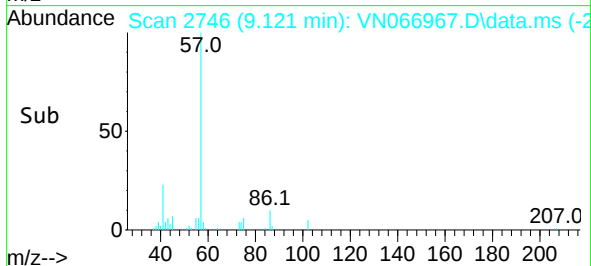


#48
Methyl methacrylate
Concen: 2.06 ug/l
RT: 9.121 min Scan# 2746
Delta R.T. -0.016 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

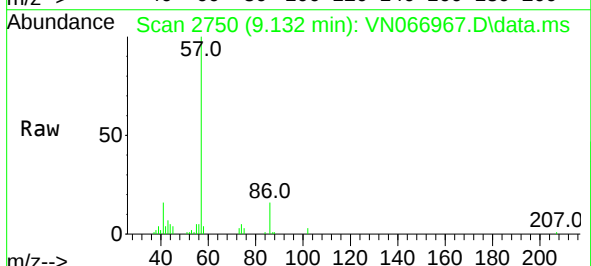
Instrument :
MSVOA_N
ClientSampled :



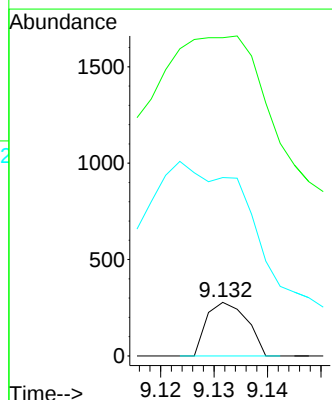
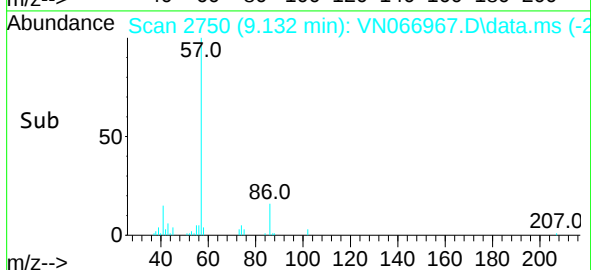
Tgt Ion: 41 Resp: 12201
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

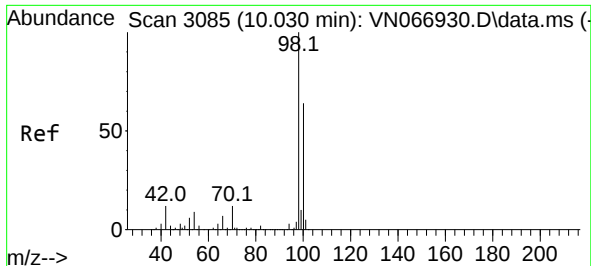


#49
1,4-Dioxane
Concen: 1.55 ug/l
RT: 9.132 min Scan# 2750
Delta R.T. -0.005 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45



Tgt Ion: 88 Resp: 146
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 1482.2 52.6 78.8#

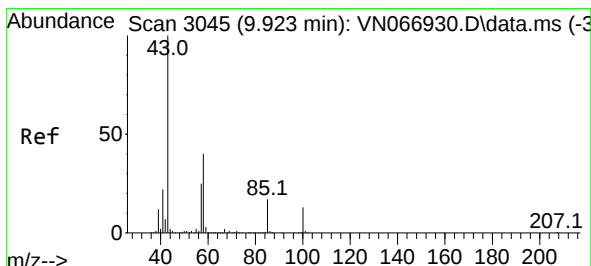
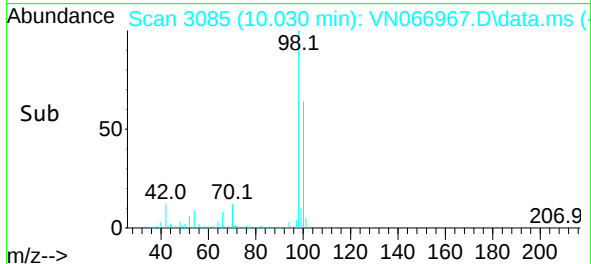
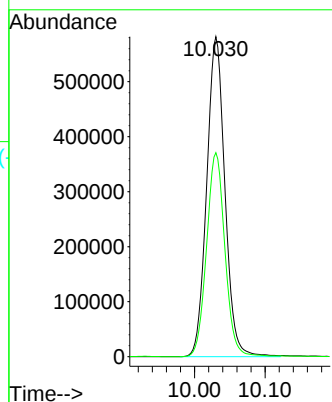
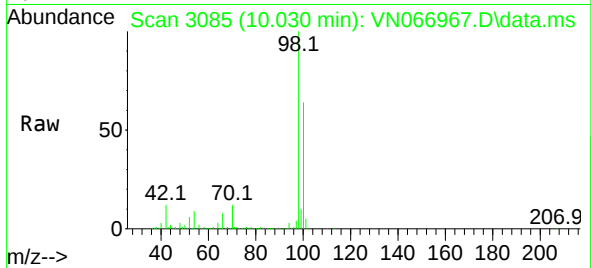




#50
Toluene-d8
Concen: 52.04 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

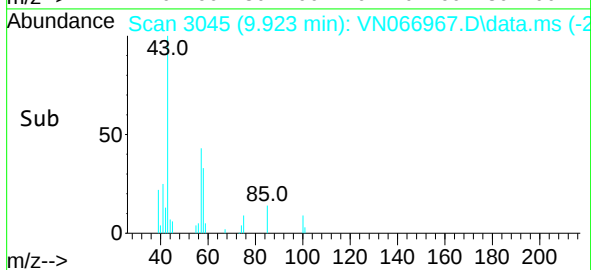
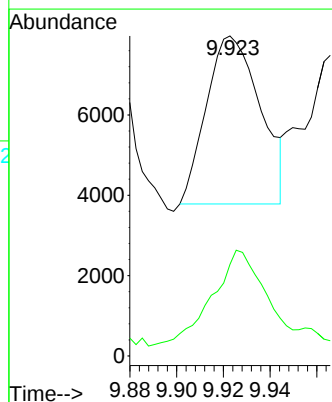
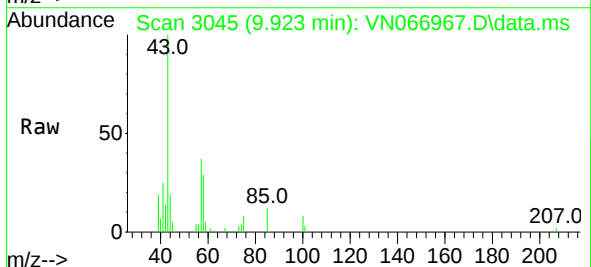
Instrument :
MSVOA_N
ClientSampled :

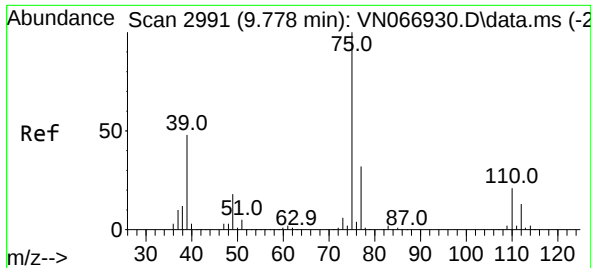
Tgt Ion: 98 Resp: 1044321
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.87 ug/l
RT: 9.923 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

Tgt Ion: 43 Resp: 6726
Ion Ratio Lower Upper
43 100
58 54.8 32.5 48.7#

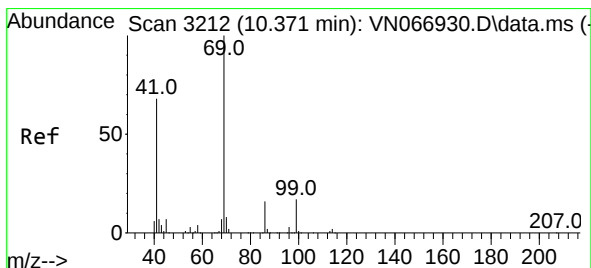
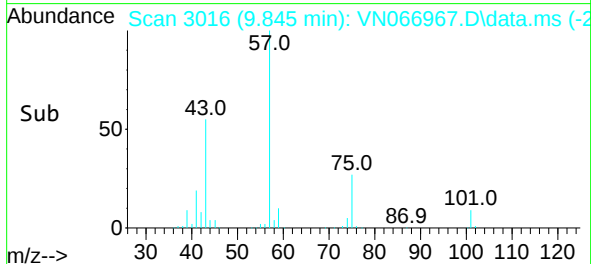
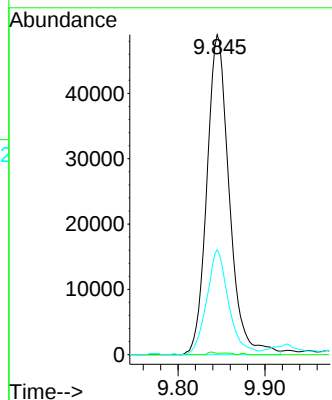
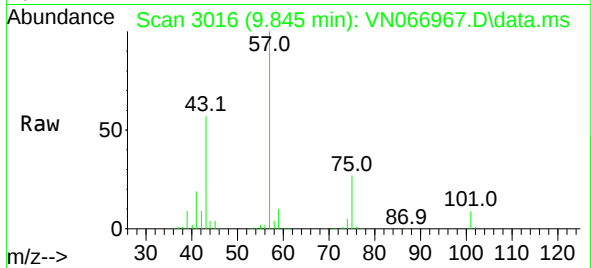




#54
 cis-1,3-Dichloropropene
 Concen: 8.23 ug/l
 RT: 9.845 min Scan# 3016
 Delta R.T. 0.067 min
 Lab File: VN066967.D
 Acq: 5 May 2021 4:45

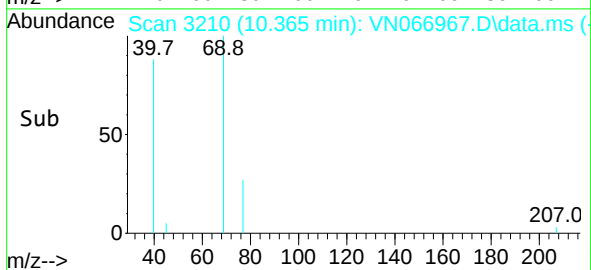
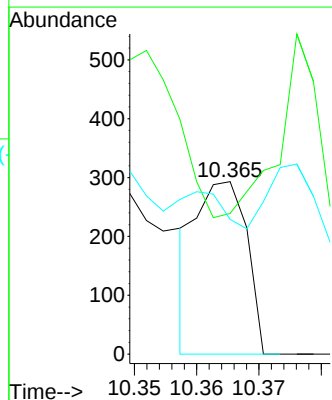
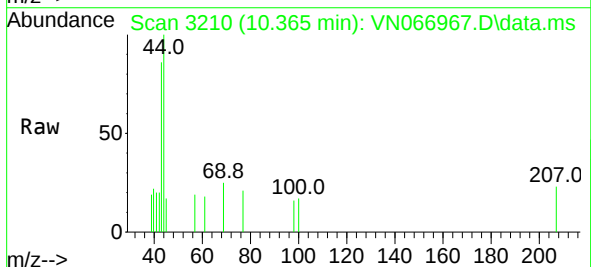
Instrument :
 MSVOA_N
 ClientSampled :

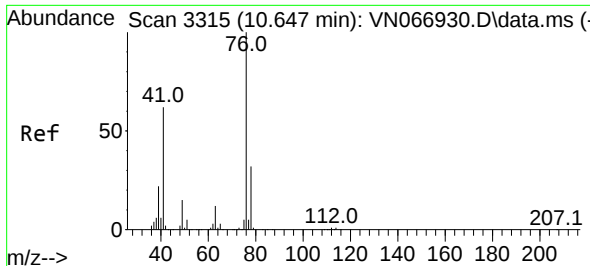
Tgt Ion: 75 Resp: 87594
 Ion Ratio Lower Upper
 75 100
 77 0.5 24.9 37.3#
 39 32.8 36.2 54.4#



#56
 Ethyl methacrylate
 Concen: 5.21 ug/l
 RT: 10.365 min Scan# 3210
 Delta R.T. -0.006 min
 Lab File: VN066967.D
 Acq: 5 May 2021 4:45

Tgt Ion: 69 Resp: 165
 Ion Ratio Lower Upper
 69 100
 41 0.0 49.6 74.4#
 39 0.0 28.0 42.0#

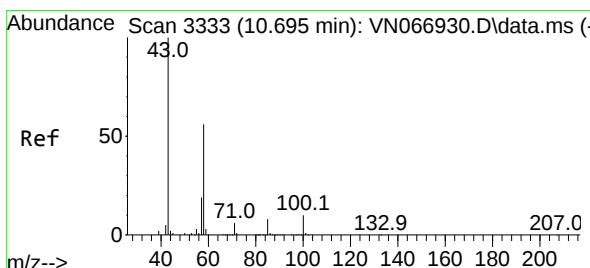
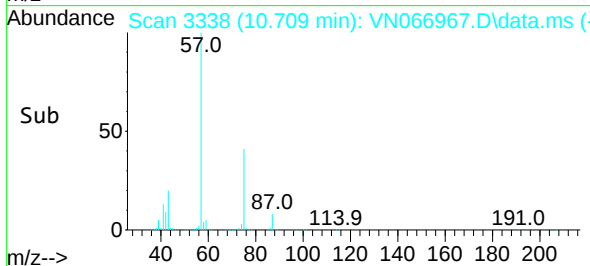
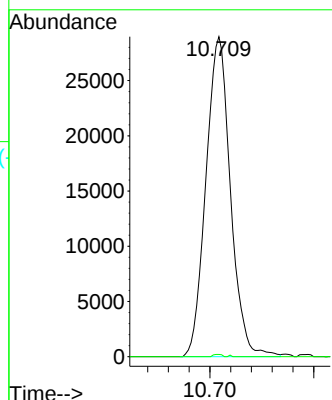
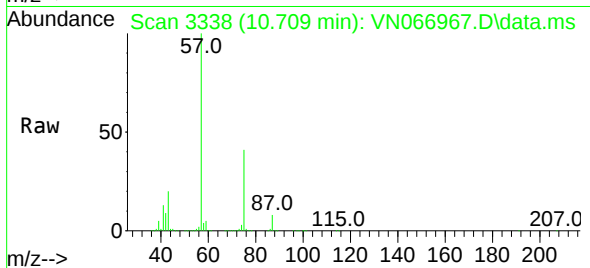




#57
1,3-Dichloropropane
Concen: 4.53 ug/l
RT: 10.709 min Scan# 3338
Delta R.T. 0.062 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

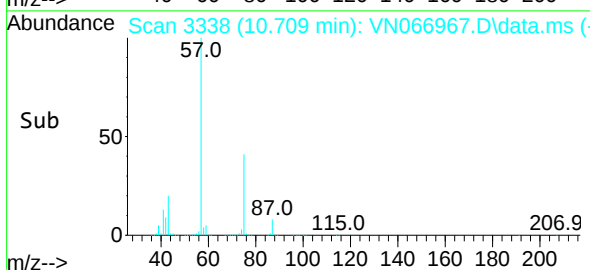
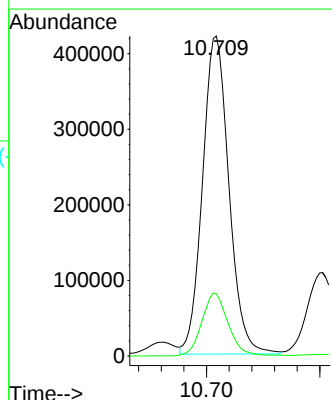
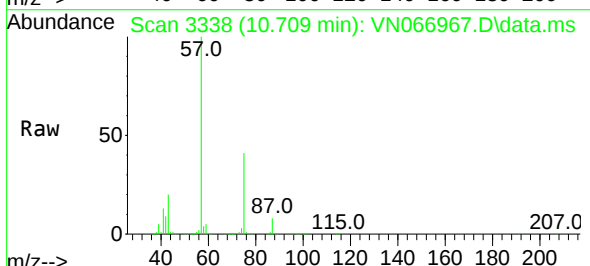
Instrument :
MSVOA_N
ClientSampled :

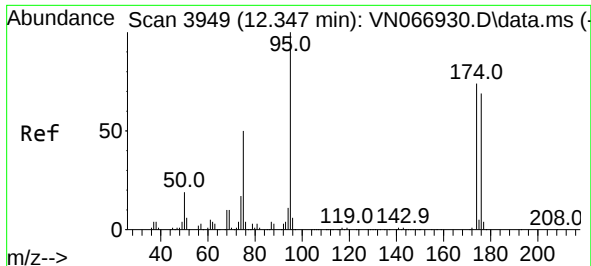
Tgt Ion: 76 Resp: 47536
Ion Ratio Lower Upper
76 100
78 0.3 25.7 38.5#



#59
2-Hexanone
Concen: 135.38 ug/l
RT: 10.709 min Scan# 3338
Delta R.T. 0.014 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

Tgt Ion: 43 Resp: 681787
Ion Ratio Lower Upper
43 100
58 19.6 28.1 84.3#

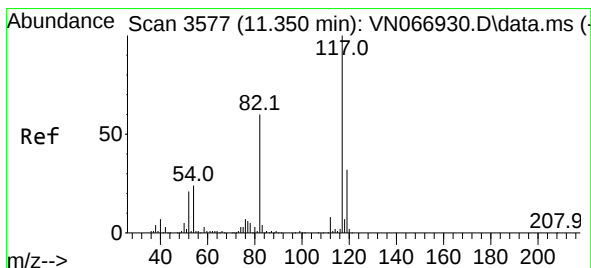
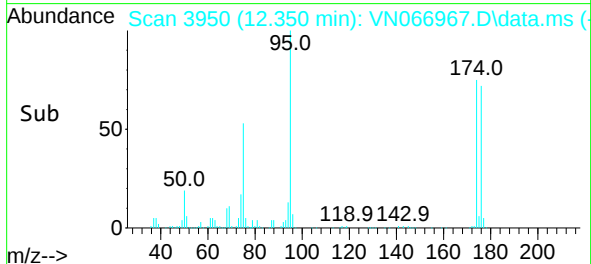
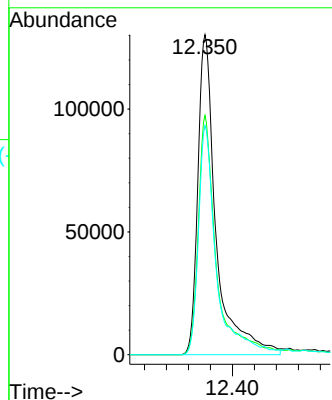
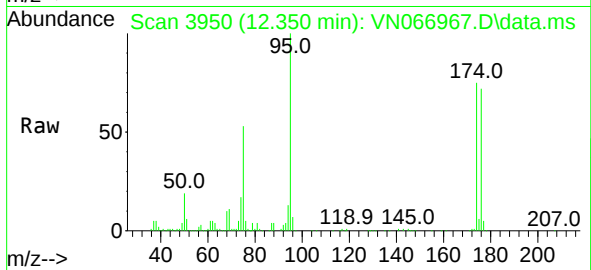




#62
4-Bromofluorobenzene
Concen: 44.37 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

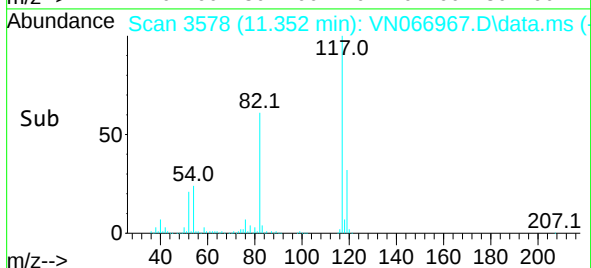
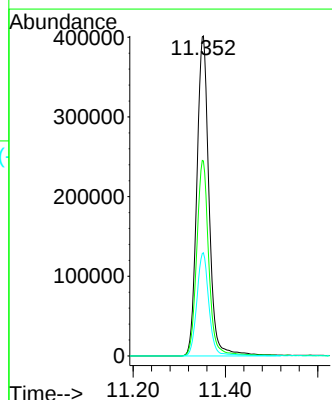
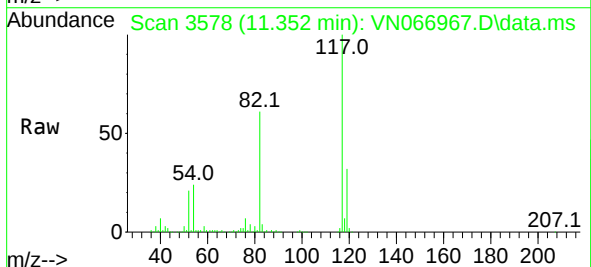
Instrument :
MSVOA_N
ClientSampled :

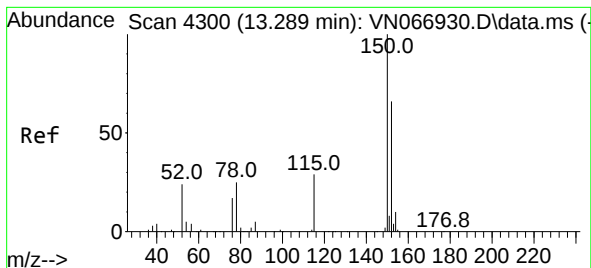
Tgt Ion: 95 Resp: 301494
Ion Ratio Lower Upper
95 100
174 72.3 0.0 169.0
176 68.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

Tgt Ion: 117 Resp: 737699
Ion Ratio Lower Upper
117 100
82 60.9 43.7 65.5
119 32.3 26.1 39.1

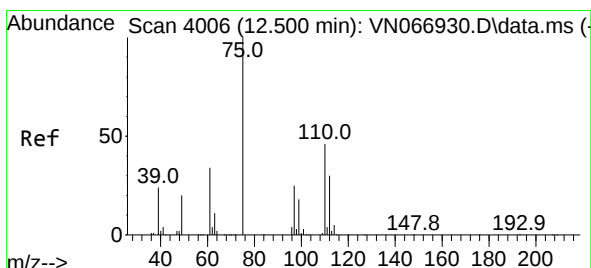
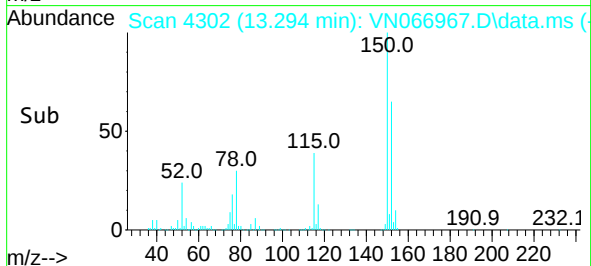
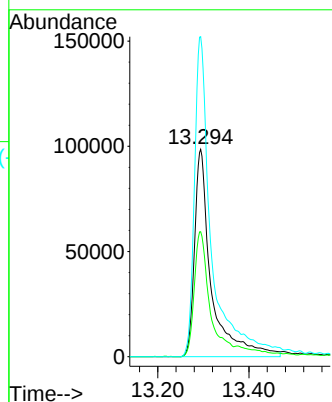
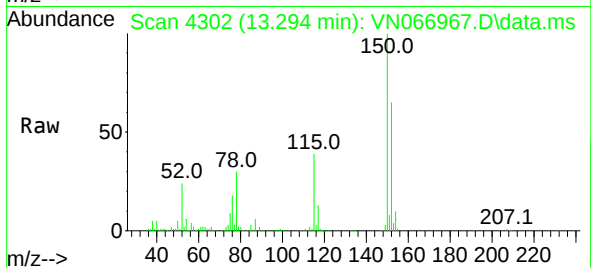




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

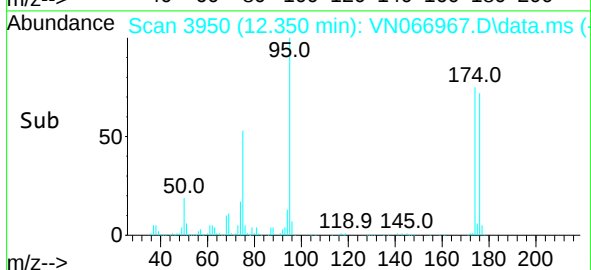
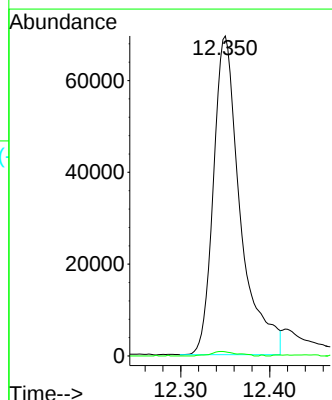
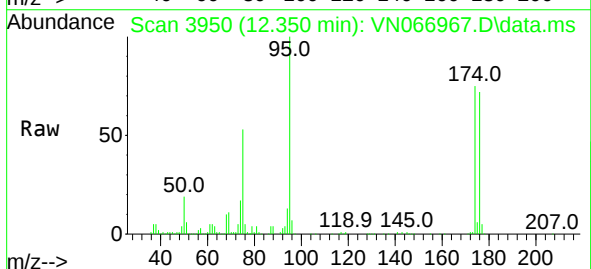
Instrument :
MSVOA_N
ClientSampled :

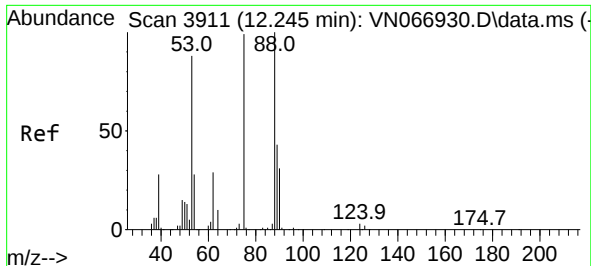
Tgt Ion:152 Resp: 253156
Ion Ratio Lower Upper
152 100
115 55.3 28.5 85.6
150 155.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 24.14 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

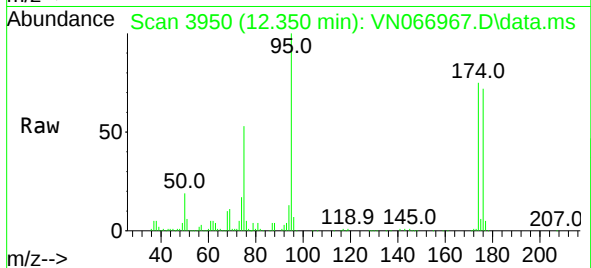
Tgt Ion: 75 Resp: 145605
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



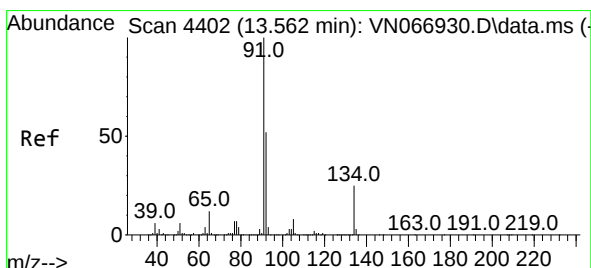
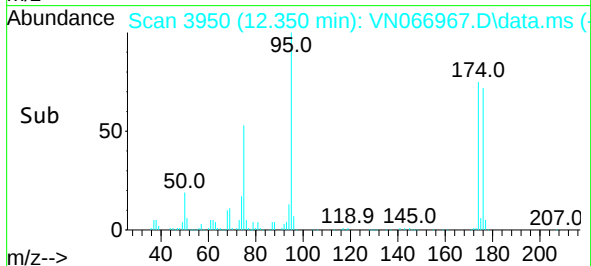
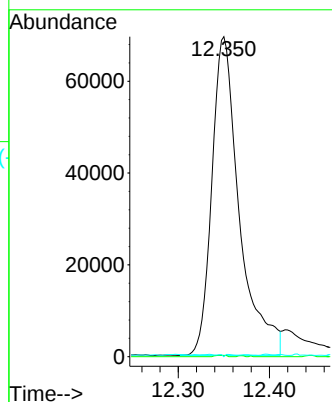


#81
trans-1,4-Dichloro-2-butene
Concen: 72.83 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 145570
Ion Ratio Lower Upper
75 100
53 0.2 74.6 111.8#
89 0.2 35.8 53.8#



#89
n-Butylbenzene
Concen: 5.24 ug/l
RT: 13.337 min Scan# 4318
Delta R.T. -0.225 min
Lab File: VN066967.D
Acq: 5 May 2021 4:45

Tgt Ion: 91 Resp: 52
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 0.0 13.0 38.9#

