

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066940.D
 Acq On : 4 May 2021 17:03
 Operator : JC/MD
 Sample : PB136139ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 05 05:25:36 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)

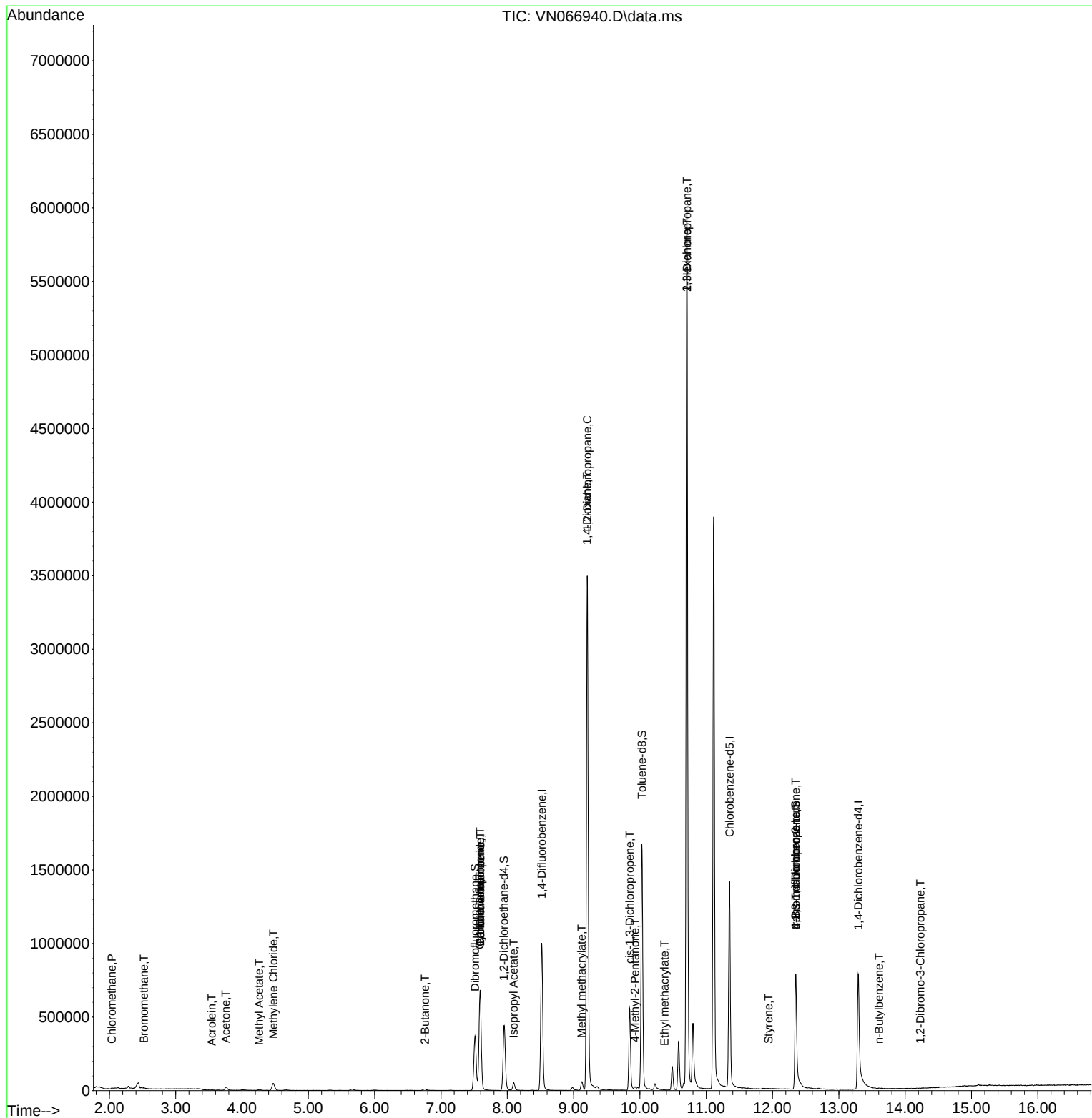
Internal Standards						
1) Pentafluorobenzene	7.592	168	519372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	873276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	807027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	284741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.951	65	403316	49.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.68%		
35) Dibromofluoromethane	7.514	113	285720	48.18	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.36%		
50) Toluene-d8	10.030	98	1135823	50.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.60%		
62) 4-Bromofluorobenzene	12.350	95	359874	47.06	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.12%		
Target Compounds					Qvalue	
3) Chloromethane	2.035	50	2816	0.28	ug/l #	71
5) Bromomethane	2.520	94	1202	0.23	ug/l #	53
13) Acrolein	3.540	56	677	0.70	ug/l #	61
16) Acetone	3.754	43	36248	12.60	ug/l	96
18) Methyl Acetate	4.258	43	8128	0.99	ug/l #	76
20) Methylene Chloride	4.473	84	34079	4.67	ug/l	94
25) 2-Butanone	6.761	43	8178	1.93	ug/l #	83
31) Cyclohexane	7.587	56	12992	1.13	ug/l #	1
36) 1,1-Dichloropropene	7.592	75	43691	4.80	ug/l #	49
38) Carbon Tetrachloride	7.589	117	53553	5.65	ug/l #	18
43) Isopropyl Acetate	8.096	43	64476	4.28	ug/l #	88
45) 1,2-Dichloropropane	9.207	63	4226	0.53	ug/l #	44
48) Methyl methacrylate	9.121	41	15702	2.35	ug/l #	10
49) 1,4-Dioxane	9.204	88	470	4.45	ug/l #	1
51) 4-Methyl-2-Pentanone	9.925	43	12390	1.42	ug/l	93
54) cis-1,3-Dichloropropene	9.845	75	103687	8.66	ug/l #	64
56) Ethyl methacrylate	10.373	69	256	5.21	ug/l #	27
57) 1,3-Dichloropropane	10.708	76	61991	5.25	ug/l #	43
59) 2-Hexanone	10.708	43	884595	151.75	ug/l #	50
70) Styrene	11.940	104	164	4.72	ug/l #	70
76) 1,2,3-Trichloropropane	12.350	75	182382	26.89	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	182382	80.49	ug/l #	12
89) n-Butylbenzene	13.608	91	418	5.26	ug/l #	63
92) 1,2-Dibromo-3-Chloropr...	14.227	75	533	0.39	ug/l #	1

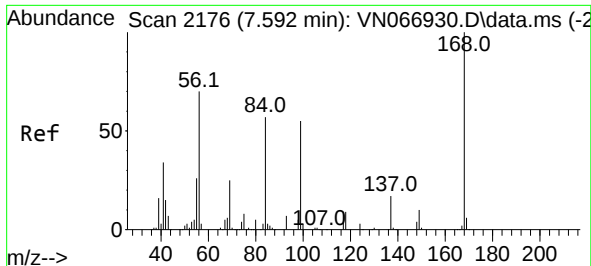
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
Data File : VN066940.D
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Time: May 05 05:25:36 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

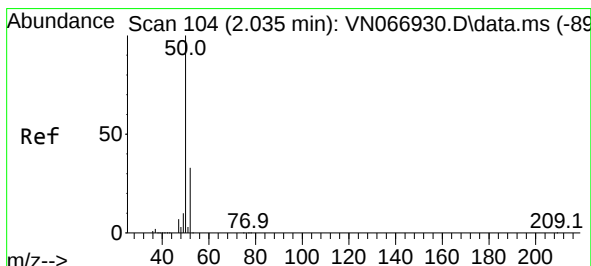
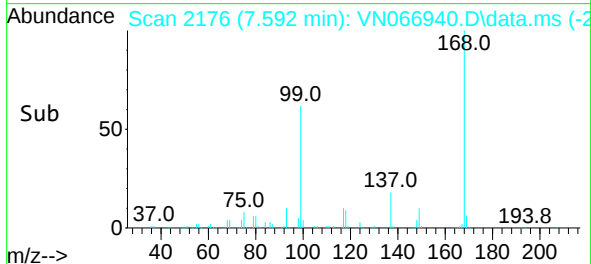
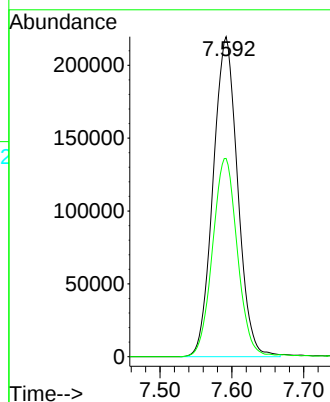
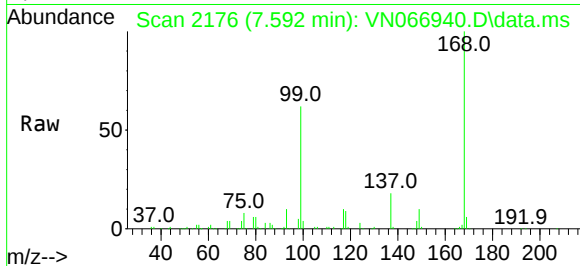




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

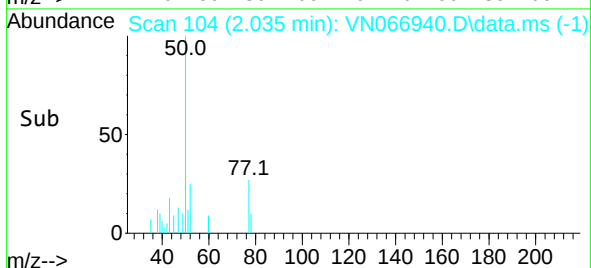
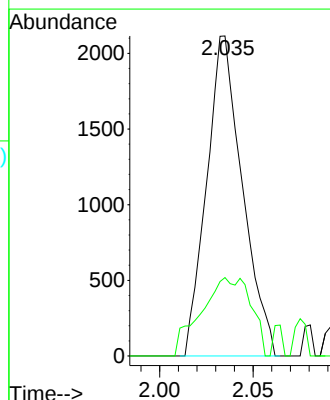
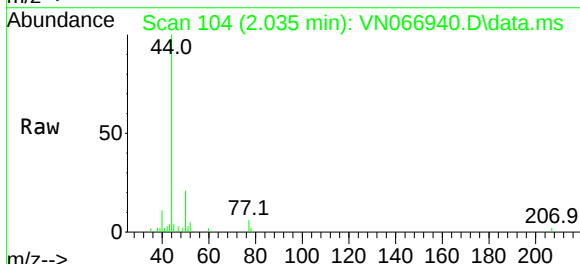
Instrument :
MSVOA_N
ClientSampled :

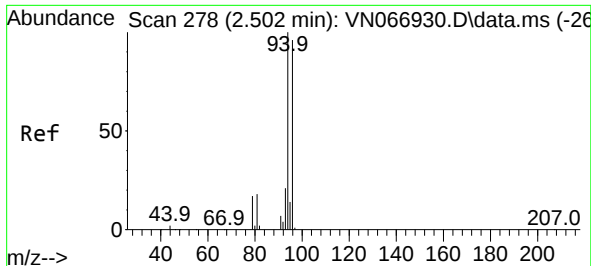
Tgt Ion:168 Resp: 519372
Ion Ratio Lower Upper
168 100
99 62.0 42.6 63.8



#3
Chloromethane
Concen: 0.28 ug/l
RT: 2.035 min Scan# 104
Delta R.T. -0.000 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

Tgt Ion: 50 Resp: 2816
Ion Ratio Lower Upper
50 100
52 15.8 25.8 38.8#

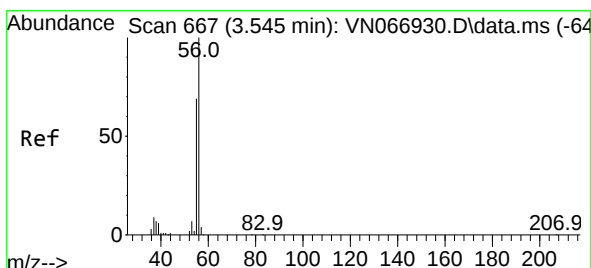
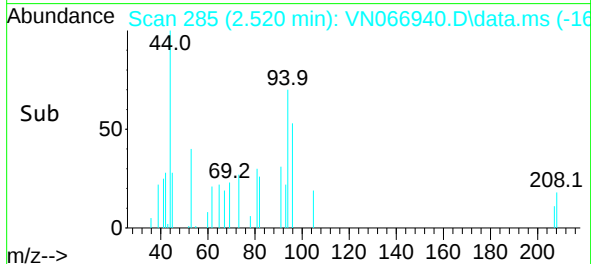
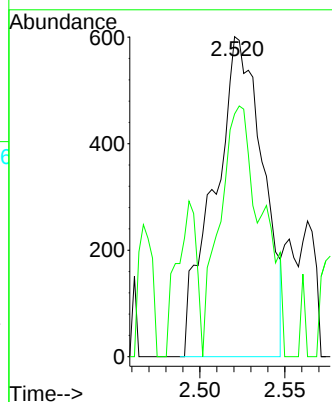
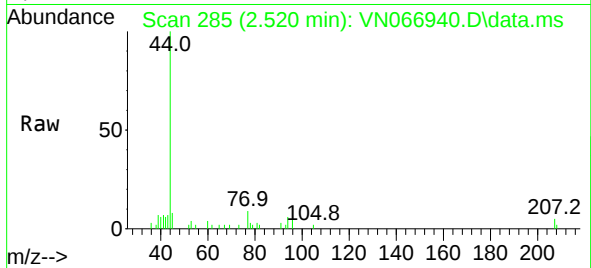




#5
Bromomethane
Concen: 0.23 ug/l
RT: 2.520 min Scan# 285
Delta R.T. 0.018 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

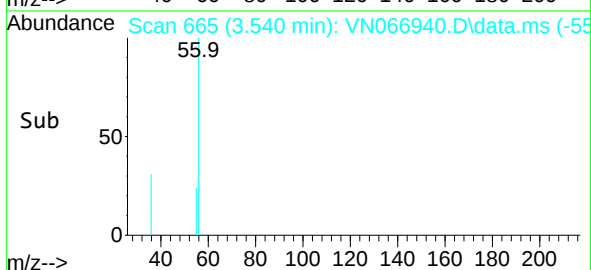
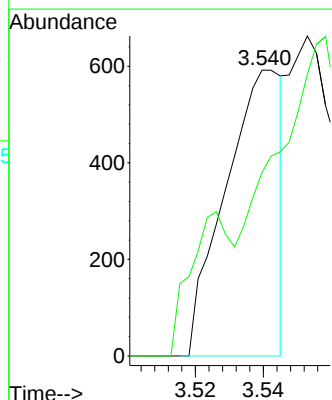
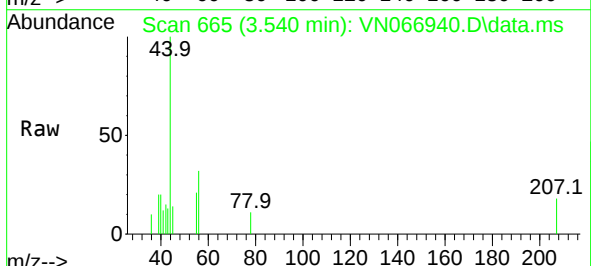
Instrument :
MSVOA_N
ClientSampled :

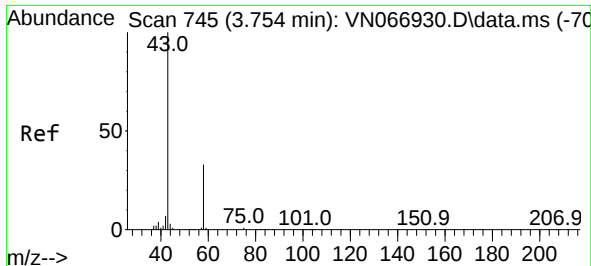
Tgt Ion: 94 Resp: 1202
Ion Ratio Lower Upper
94 100
96 46.8 73.0 109.4#



#13
Acrolein
Concen: 0.70 ug/l
RT: 3.540 min Scan# 665
Delta R.T. -0.005 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

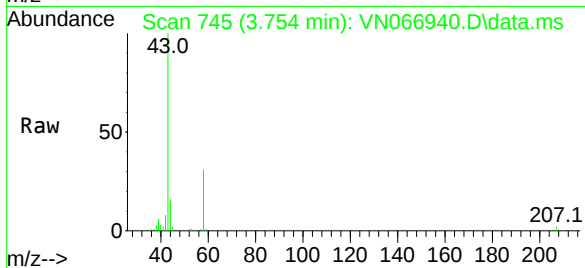
Tgt Ion: 56 Resp: 677
Ion Ratio Lower Upper
56 100
55 38.0 56.0 84.0#



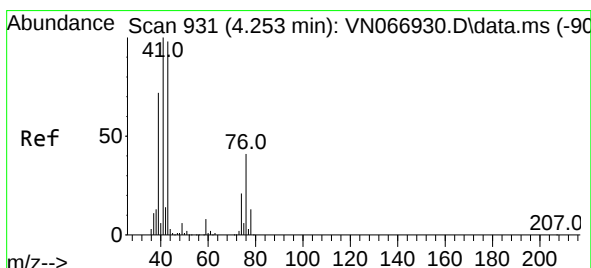
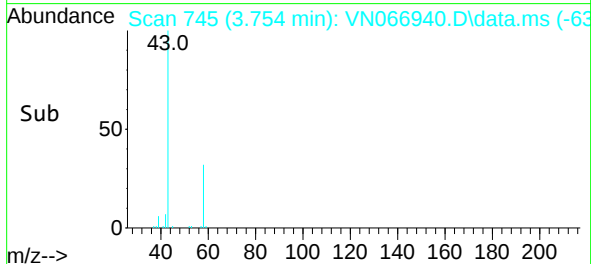
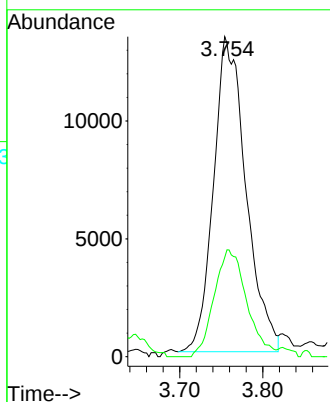


#16
Acetone
Concen: 12.60 ug/l
RT: 3.754 min Scan# 745
Delta R.T. 0.000 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

Instrument :
MSVOA_N
ClientSampled :

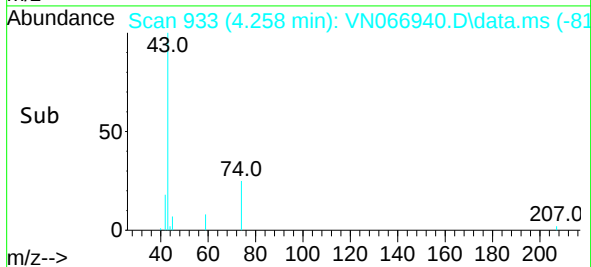
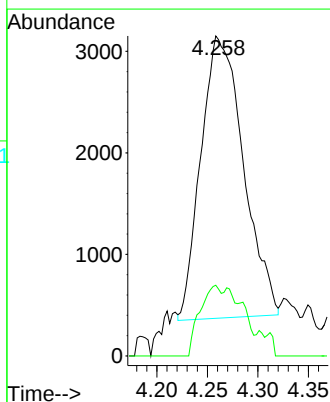
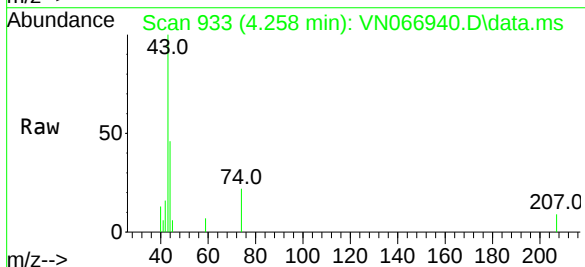


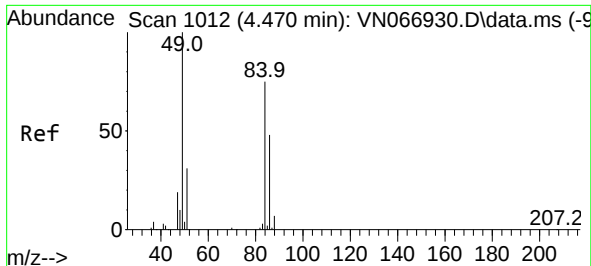
Tgt Ion: 43 Resp: 36248
Ion Ratio Lower Upper
43 100
58 31.5 27.0 40.6



#18
Methyl Acetate
Concen: 0.99 ug/l
RT: 4.258 min Scan# 933
Delta R.T. 0.005 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

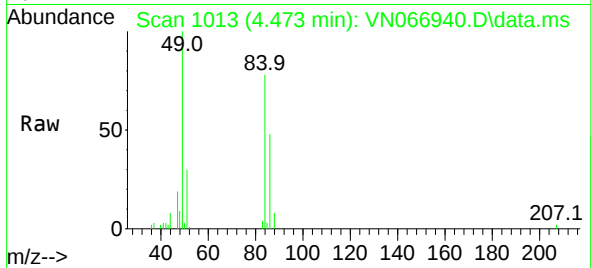
Tgt Ion: 43 Resp: 8128
Ion Ratio Lower Upper
43 100
74 12.4 19.5 29.3#



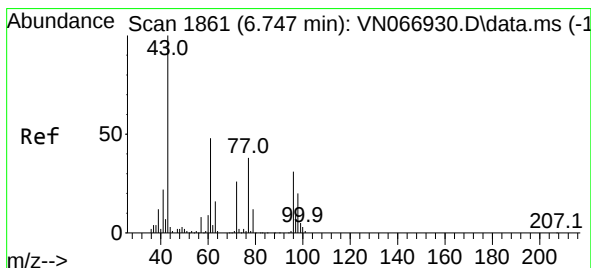
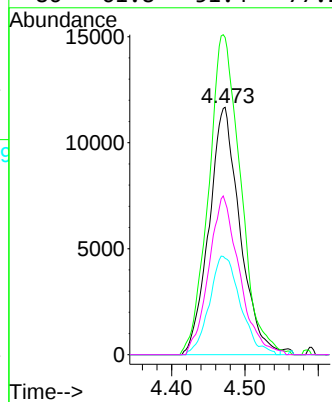
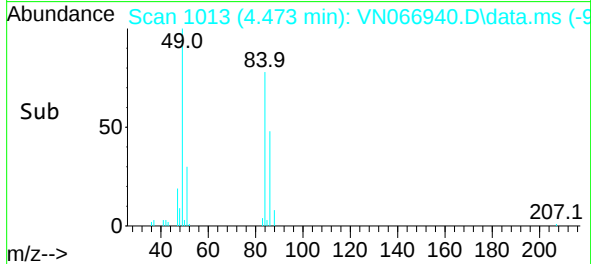


#20
Methylene Chloride
Concen: 4.67 ug/l
RT: 4.473 min Scan# 1013
Delta R.T. 0.003 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

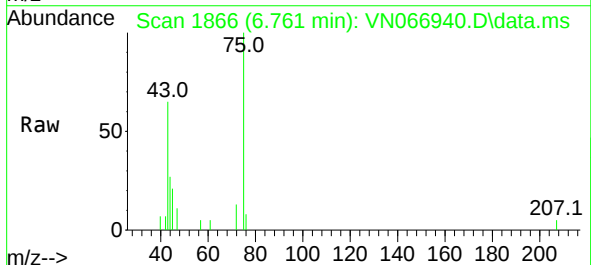
Instrument :
MSVOA_N
ClientSampled :



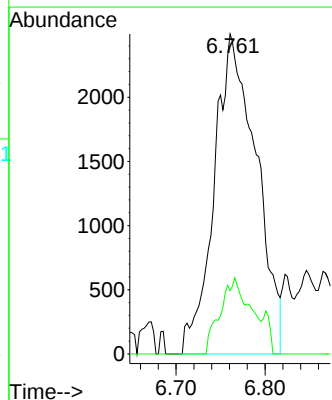
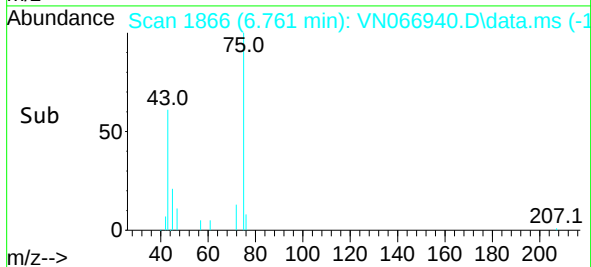
Tgt Ion:	84	Resp:	34079
Ion	Ratio	Lower	Upper
84	100		
49	128.2	94.6	141.8
51	39.0	29.9	44.9
86	61.8	51.4	77.2

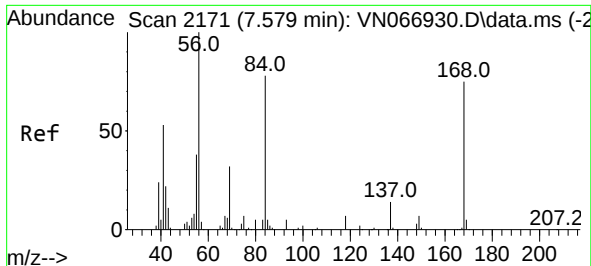


#25
2-Butanone
Concen: 1.93 ug/l
RT: 6.761 min Scan# 1866
Delta R.T. 0.014 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03



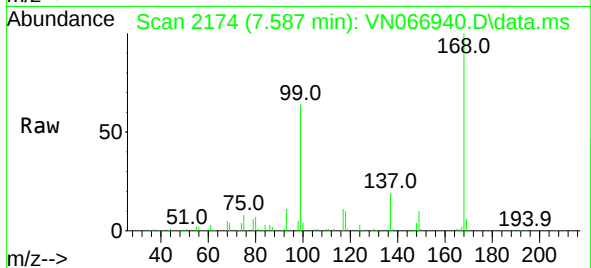
Tgt Ion:	43	Resp:	8178
Ion	Ratio	Lower	Upper
43	100		
72	19.8	23.1	34.7#



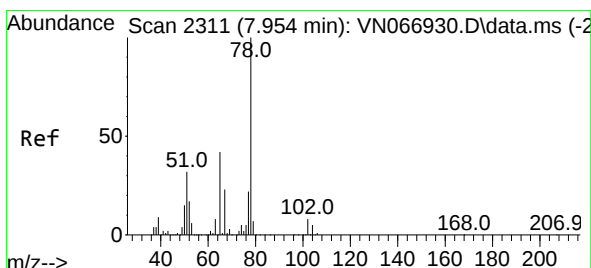
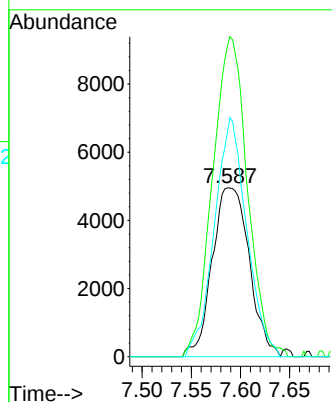
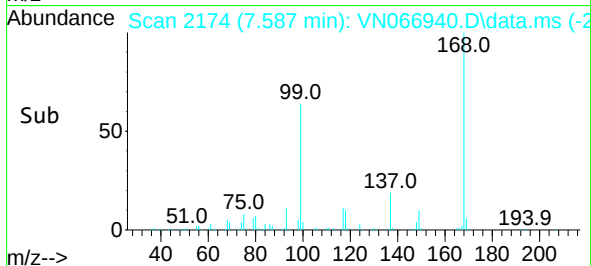


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. 0.008 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

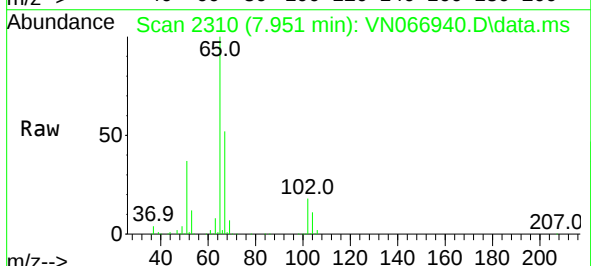
Instrument :
MSVOA_N
ClientSampled :



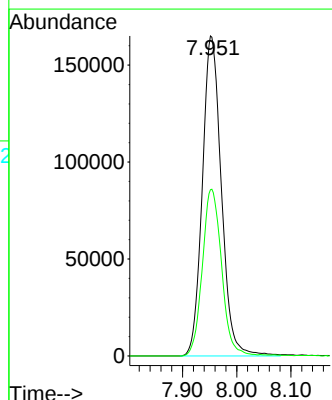
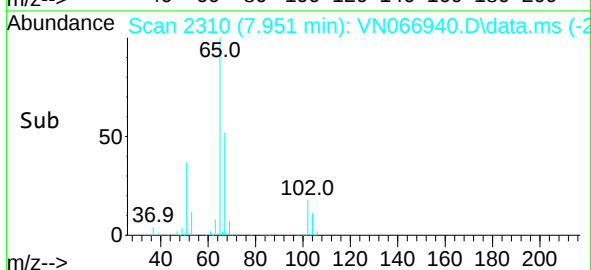
Tgt Ion: 56 Resp: 12992
Ion Ratio Lower Upper
56 100
69 184.1 26.6 39.8#
84 132.9 70.4 105.6#

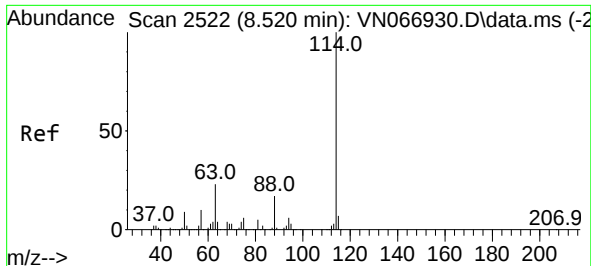


#33
1,2-Dichloroethane-d4
Concen: 49.34 ug/l
RT: 7.951 min Scan# 2310
Delta R.T. -0.003 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03



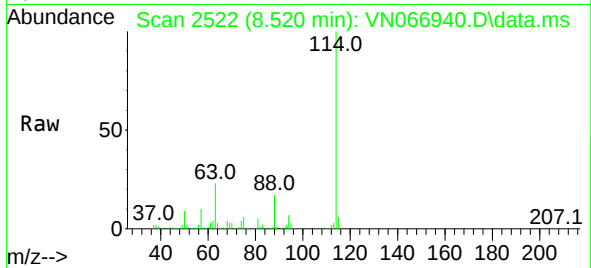
Tgt Ion: 65 Resp: 403316
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.2



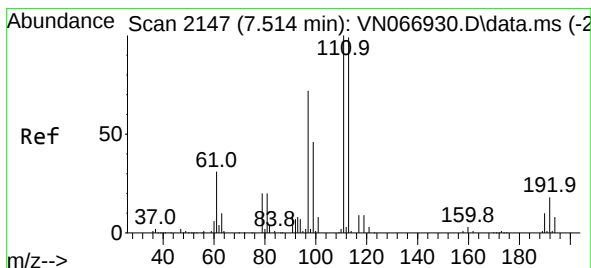
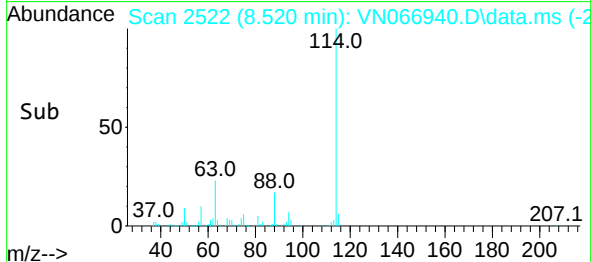
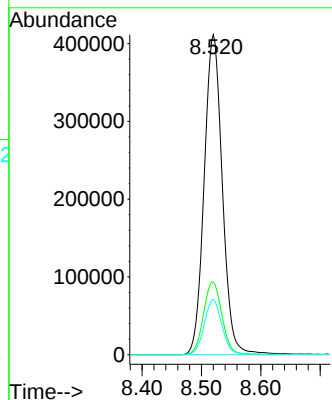


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

Instrument :
MSVOA_N
ClientSampled :

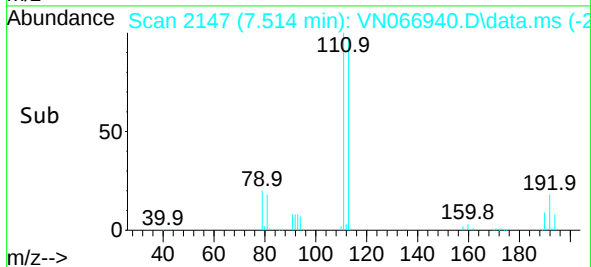
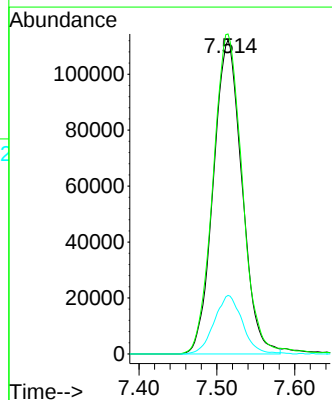
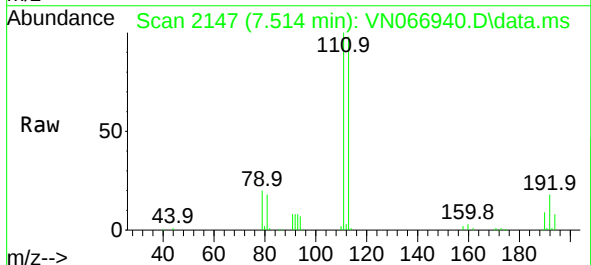


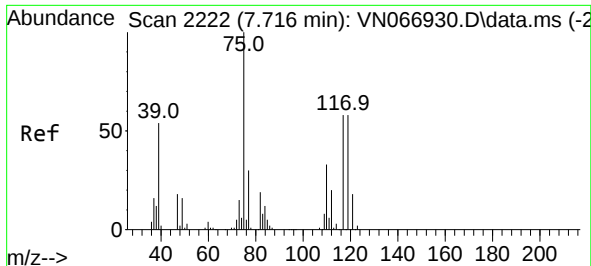
Tgt Ion:114 Resp: 873276
Ion Ratio Lower Upper
114 100
63 22.7 0.0 38.6
88 17.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.18 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

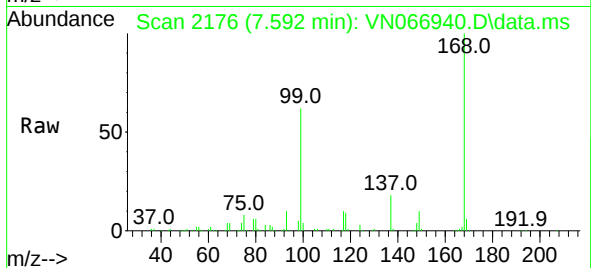
Tgt Ion:113 Resp: 285720
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 18.5 15.4 23.0



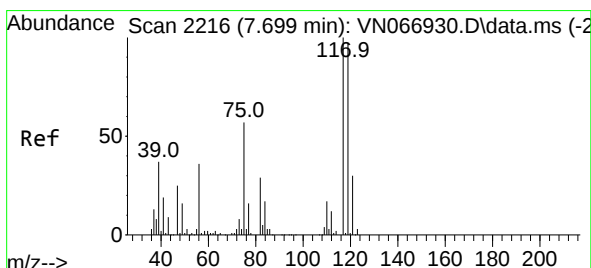
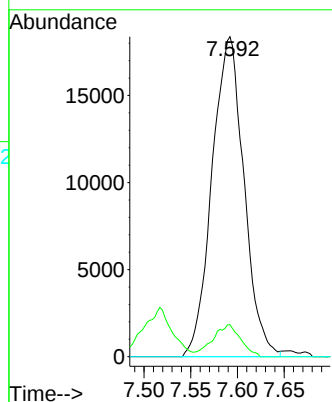
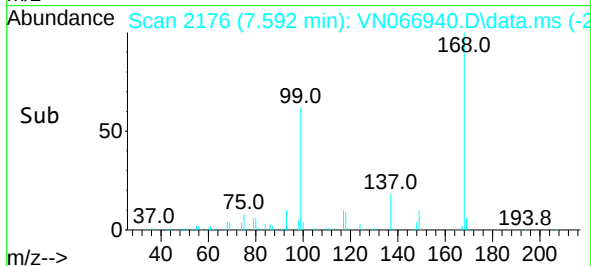


#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. -0.124 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

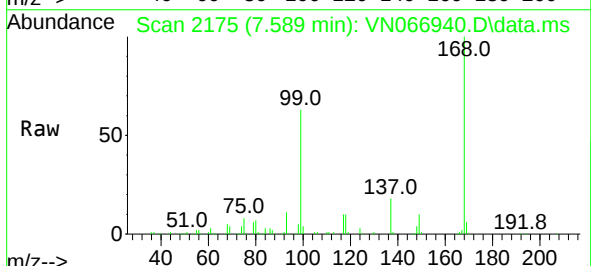
Instrument :
MSVOA_N
ClientSampled :



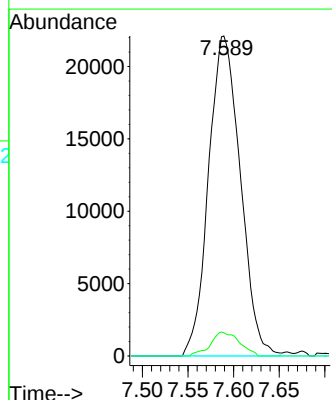
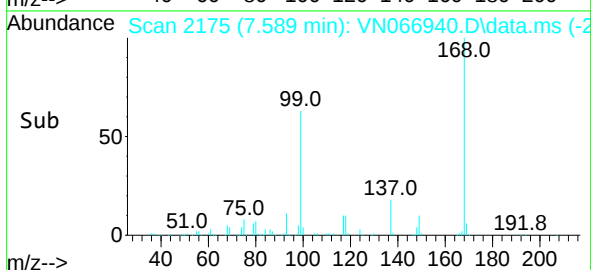
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Ion Ratio Lower Upper
75 100
110 8.7 18.2 54.6#
77 0.0 24.9 37.3#

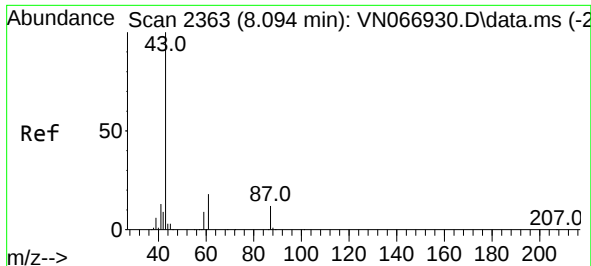


#38
Carbon Tetrachloride
Concen: 5.65 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.110 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03



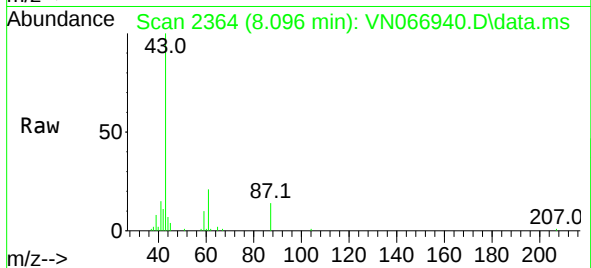
Tgt Ion: 117 Resp: 53553
Ion Ratio Lower Upper
117 100
119 7.3 76.0 114.0#
121 0.0 24.5 36.7#



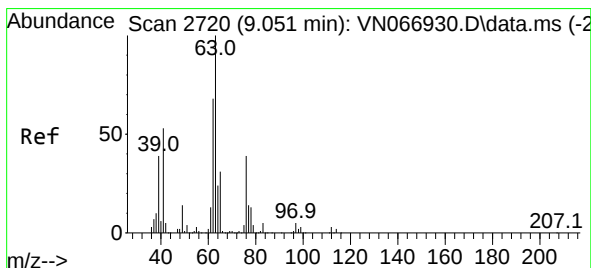
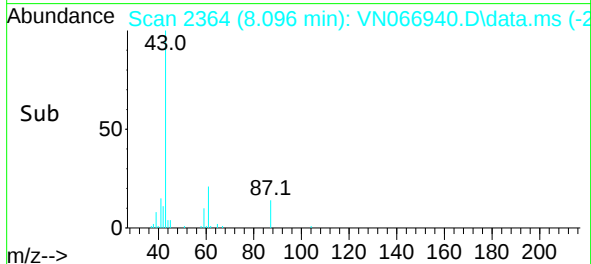
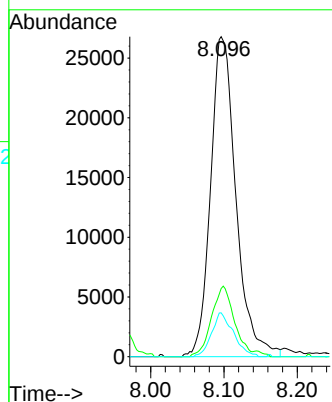


#43
Isopropyl Acetate
Concen: 4.28 ug/l
RT: 8.096 min Scan# 2364
Delta R.T. 0.002 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

Instrument :
MSVOA_N
ClientSampled :

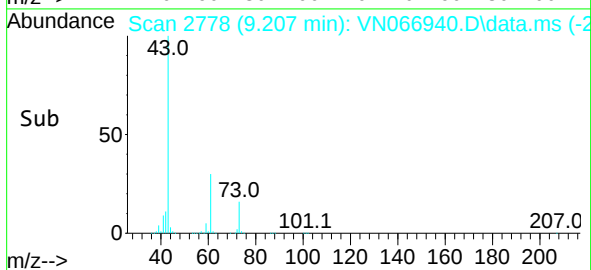
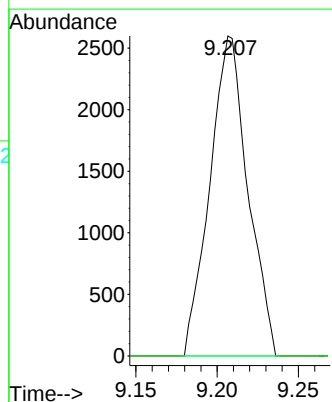
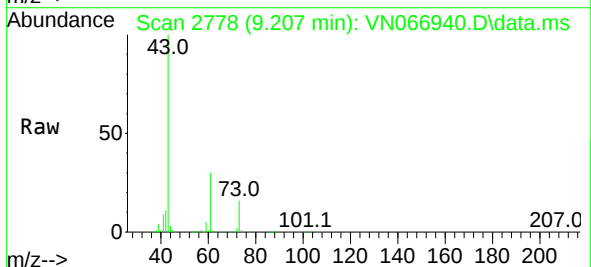


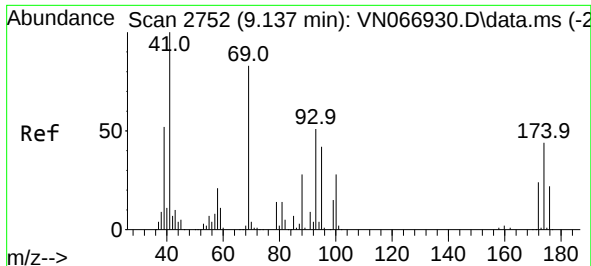
Tgt Ion: 43 Resp: 64476
Ion Ratio Lower Upper
43 100
61 19.7 22.5 33.7#
87 11.8 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.53 ug/l
RT: 9.207 min Scan# 2778
Delta R.T. 0.156 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

Tgt Ion: 63 Resp: 4226
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

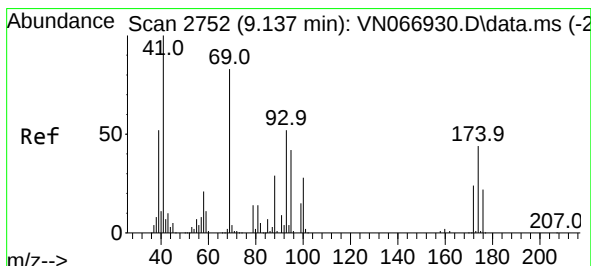
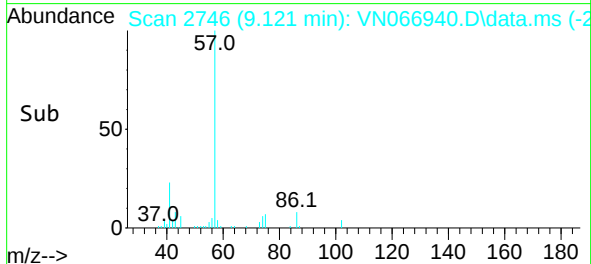
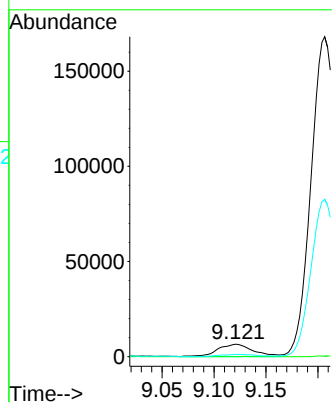
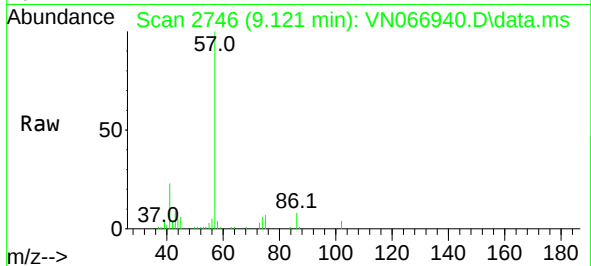




#48
Methyl methacrylate
Concen: 2.35 ug/l
RT: 9.121 min Scan# 2746
Delta R.T. -0.016 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

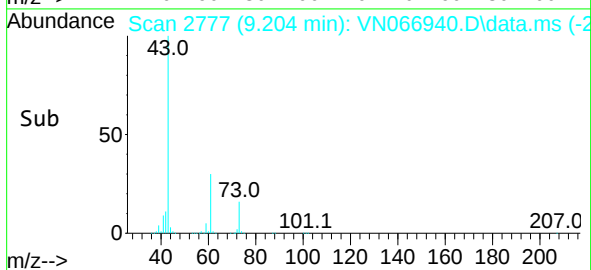
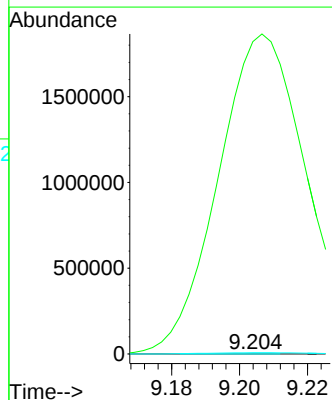
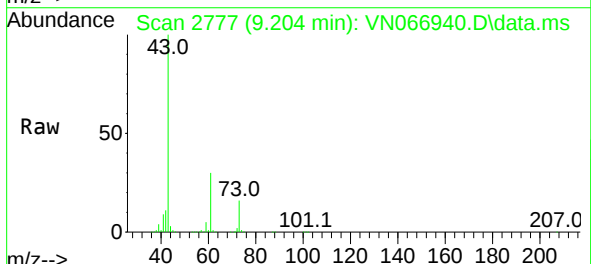
Instrument :
MSVOA_N
ClientSampled :

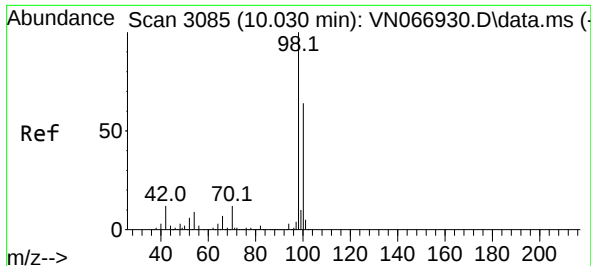
Tgt Ion: 41 Resp: 15702
Ion Ratio Lower Upper
41 100
69 0.3 75.9 113.9#
39 0.0 46.6 69.8#



#49
1,4-Dioxane
Concen: 4.45 ug/l
RT: 9.204 min Scan# 2777
Delta R.T. 0.067 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

Tgt Ion: 88 Resp: 470
Ion Ratio Lower Upper
88 100
43 742849.8 24.7 37.1#
58 3325.1 52.6 78.8#

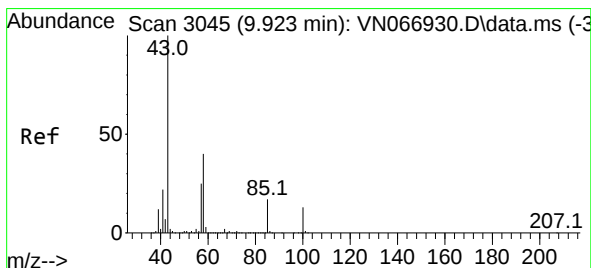
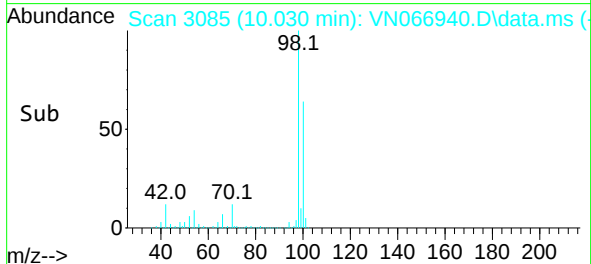
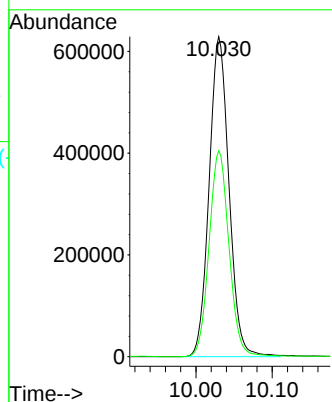
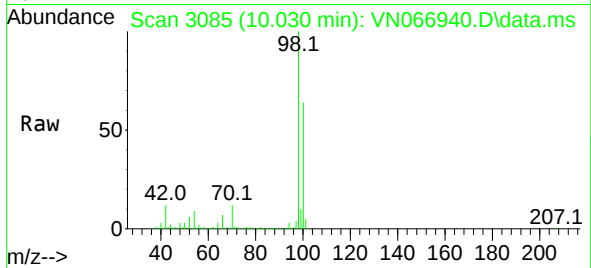




#50
Toluene-d8
Concen: 50.30 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. -0.000 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

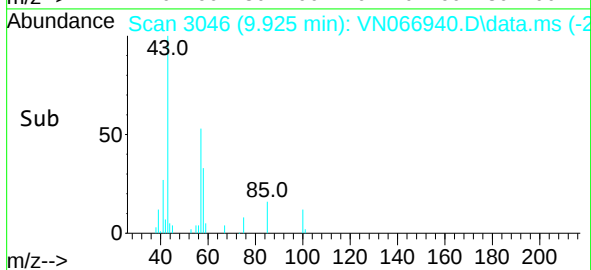
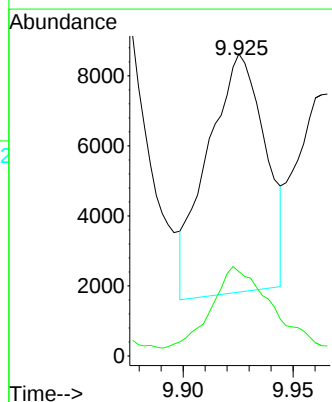
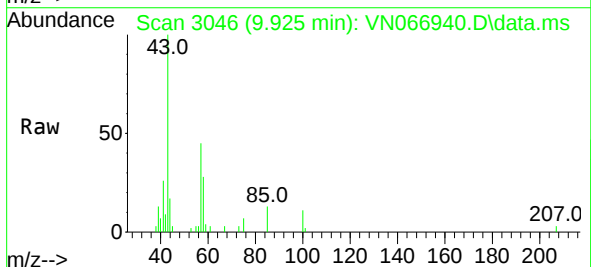
Instrument :
MSVOA_N
ClientSampled :

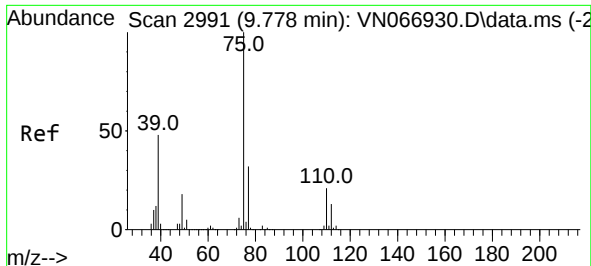
Tgt Ion: 98 Resp: 1135823
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.42 ug/l
RT: 9.925 min Scan# 3046
Delta R.T. 0.002 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

Tgt Ion: 43 Resp: 12390
Ion Ratio Lower Upper
43 100
58 36.0 32.5 48.7

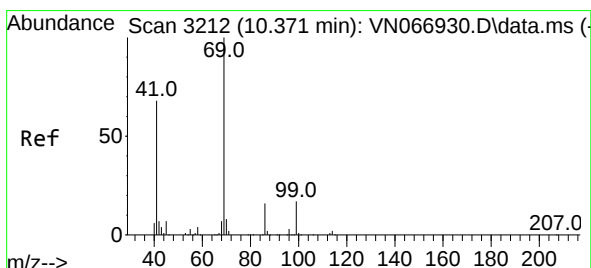
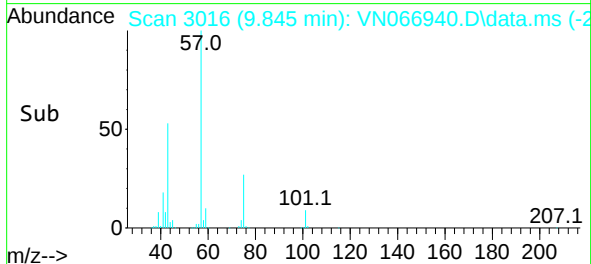
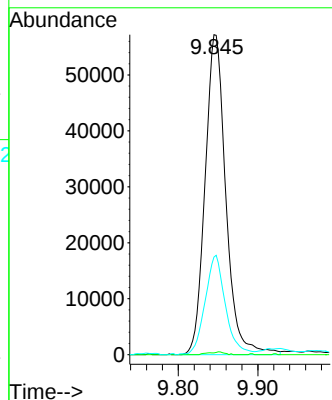
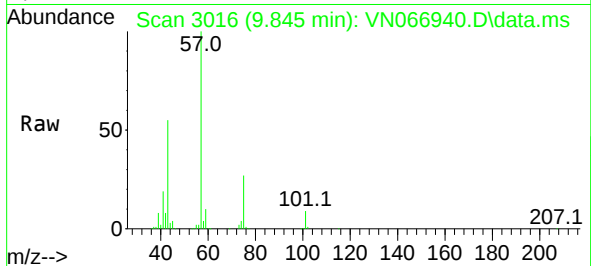




#54
cis-1,3-Dichloropropene
Concen: 8.66 ug/l
RT: 9.845 min Scan# 3016
Delta R.T. 0.067 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

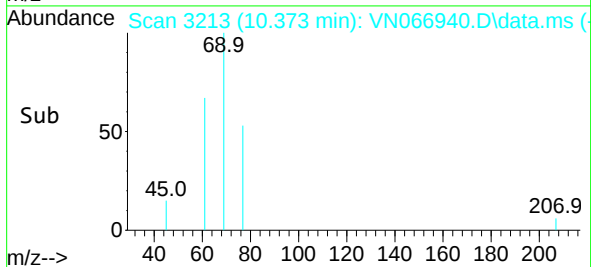
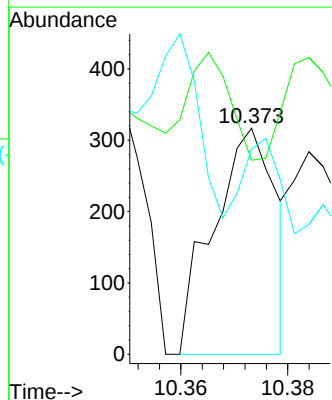
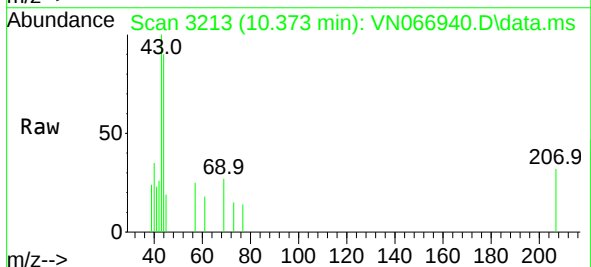
Instrument :
MSVOA_N
ClientSampled :

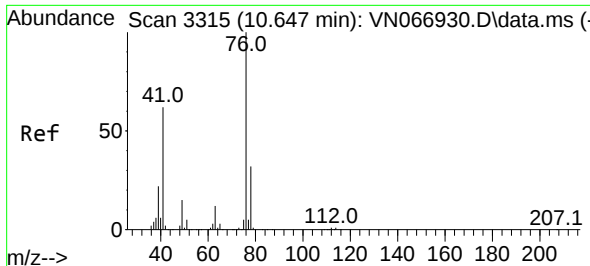
Tgt Ion: 75 Resp: 103687
Ion Ratio Lower Upper
75 100
77 0.5 24.9 37.3#
39 30.2 36.2 54.4#



#56
Ethyl methacrylate
Concen: 5.21 ug/l
RT: 10.373 min Scan# 3213
Delta R.T. 0.002 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

Tgt Ion: 69 Resp: 256
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

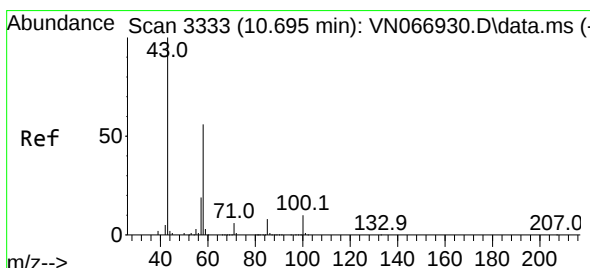
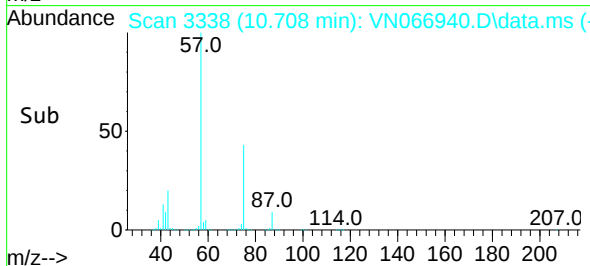
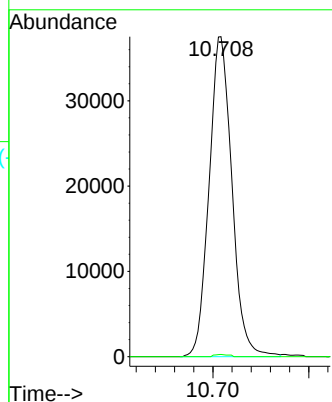
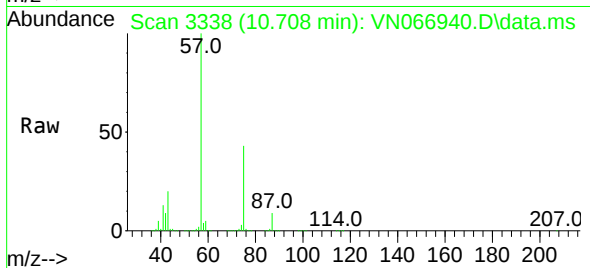




#57
1,3-Dichloropropane
Concen: 5.25 ug/l
RT: 10.708 min Scan# 3338
Delta R.T. 0.061 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

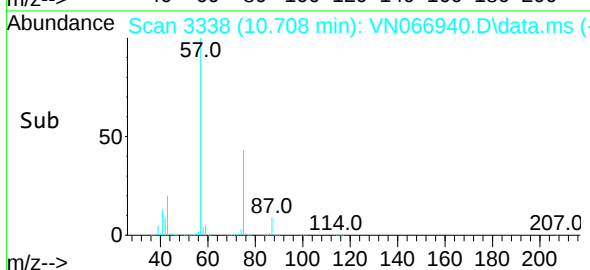
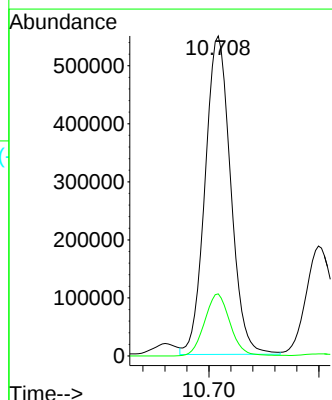
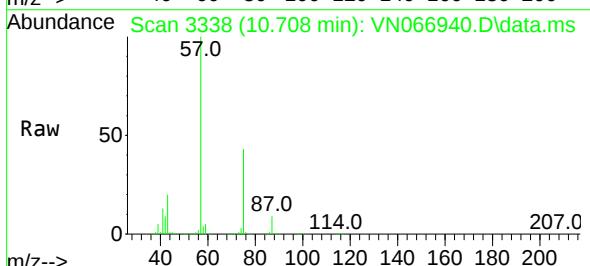
Instrument :
MSVOA_N
ClientSampled :

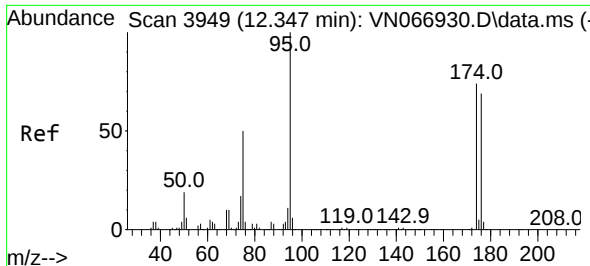
Tgt Ion: 76 Resp: 61991
Ion Ratio Lower Upper
76 100
78 0.4 25.7 38.5#



#59
2-Hexanone
Concen: 151.75 ug/l
RT: 10.708 min Scan# 3338
Delta R.T. 0.013 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

Tgt Ion: 43 Resp: 884595
Ion Ratio Lower Upper
43 100
58 19.6 28.1 84.3#

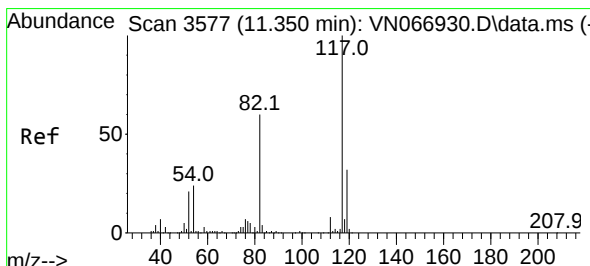
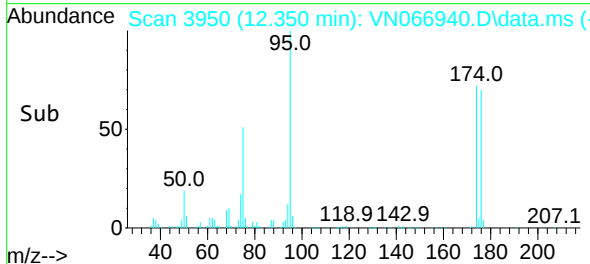
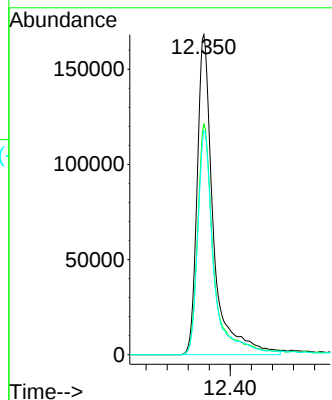
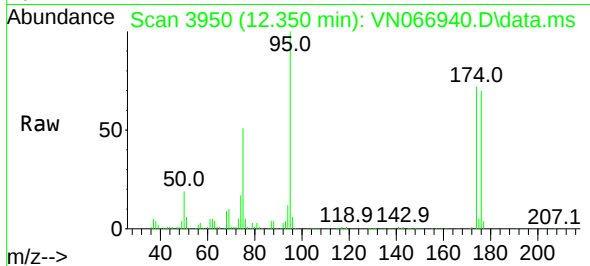




#62
4-Bromofluorobenzene
Concen: 47.06 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

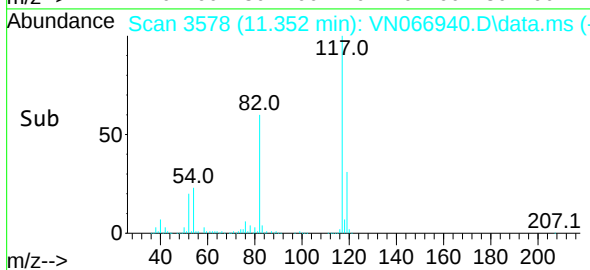
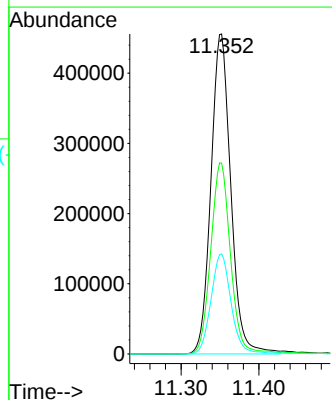
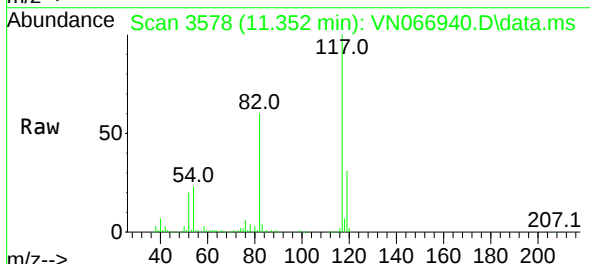
Instrument :
MSVOA_N
ClientSampled :

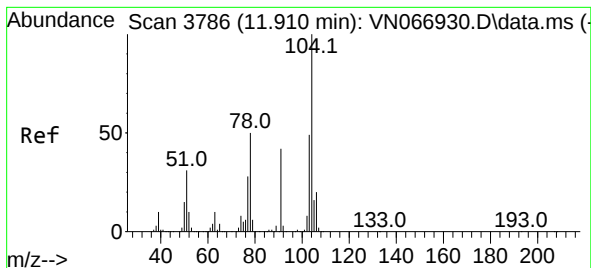
Tgt Ion: 95 Resp: 359874
Ion Ratio Lower Upper
95 100
174 71.2 0.0 169.0
176 68.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

Tgt Ion: 117 Resp: 807027
Ion Ratio Lower Upper
117 100
82 59.6 43.7 65.5
119 31.2 26.1 39.1





#70

Styrene

Concen: 4.72 ug/l

RT: 11.940 min Scan# 3797

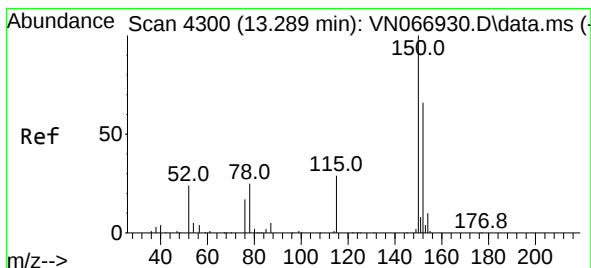
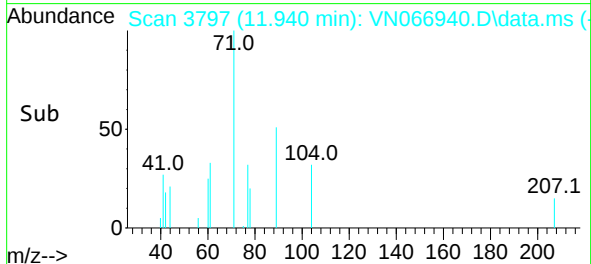
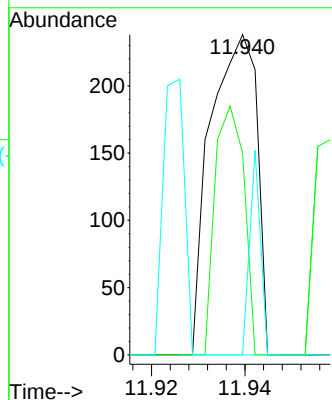
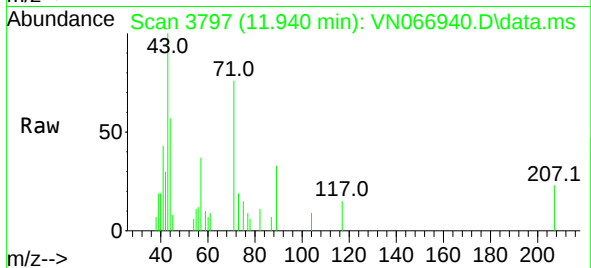
Delta R.T. 0.030 min

Lab File: VN066940.D

Acq: 4 May 2021 17:03

Tgt Ion:	104	Resp:	164
Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.0	58.4
103	14.6	44.5	66.7#

Instrument :
MSVOA_N
ClientSampled :



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

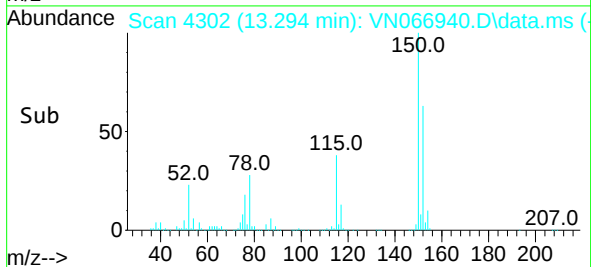
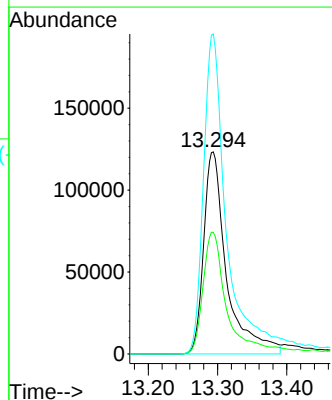
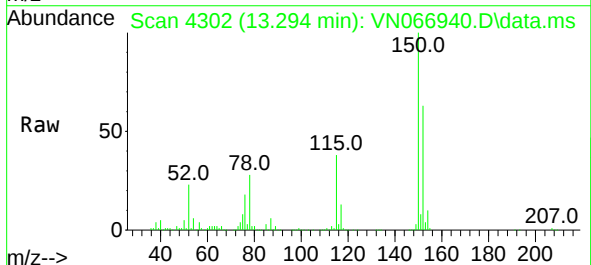
RT: 13.294 min Scan# 4302

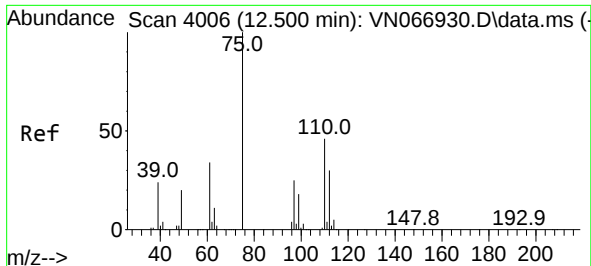
Delta R.T. 0.005 min

Lab File: VN066940.D

Acq: 4 May 2021 17:03

Tgt Ion:	152	Resp:	284741
Ion	Ratio	Lower	Upper
152	100		
115	60.6	28.5	85.6
150	163.3	0.0	347.6

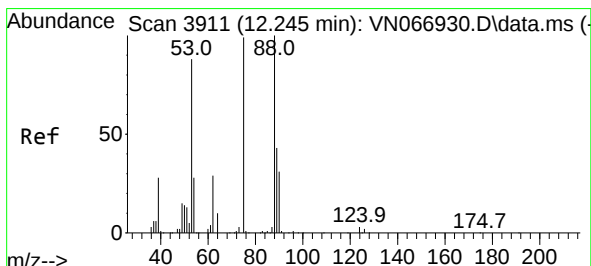
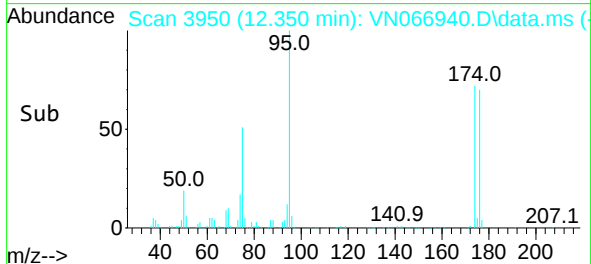
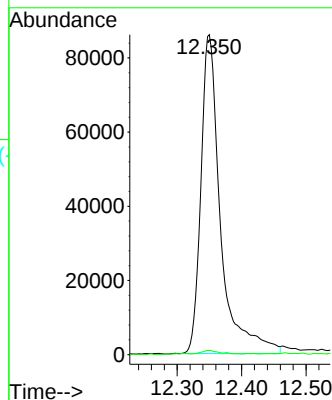
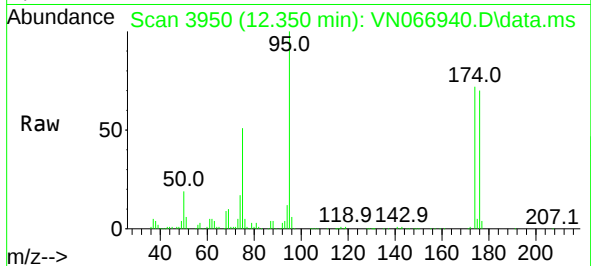




#76
1,2,3-Trichloropropane
Concen: 26.89 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

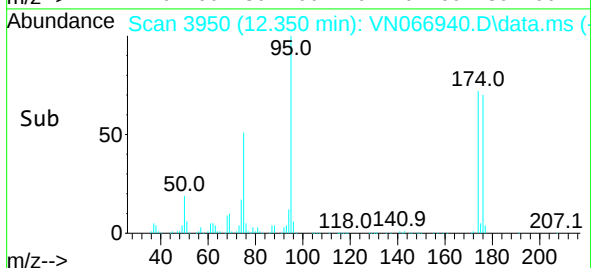
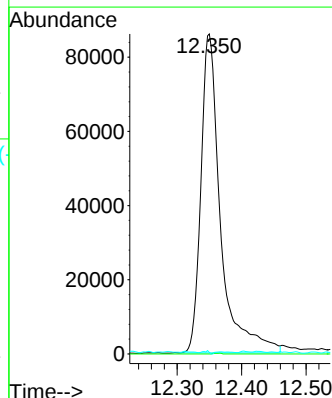
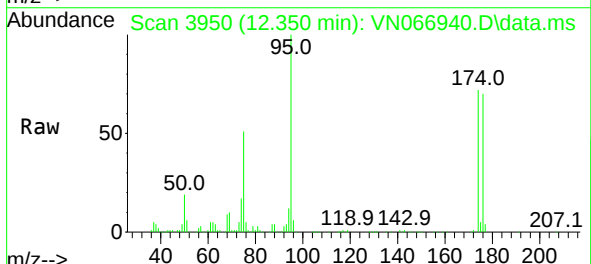
Instrument :
MSVOA_N
ClientSampled :

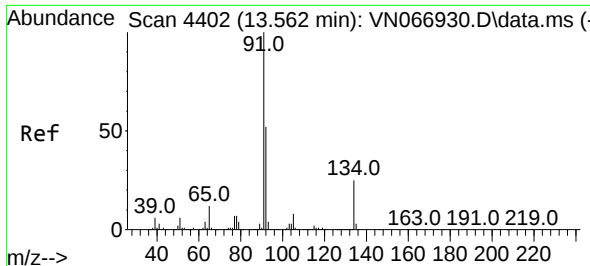
Tgt Ion: 75 Resp: 182382
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.49 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

Tgt Ion: 75 Resp: 182382
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.3 35.8 53.8#

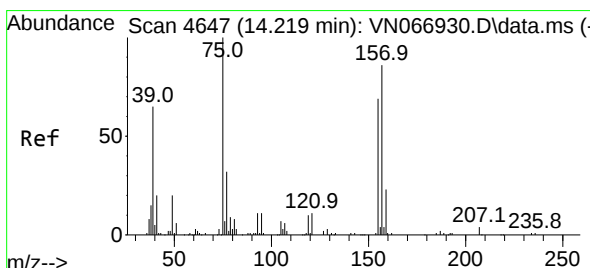
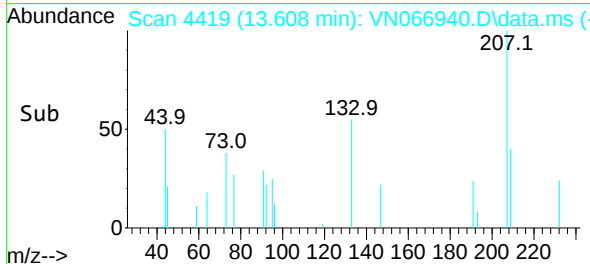
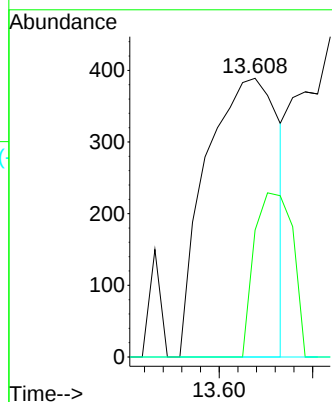
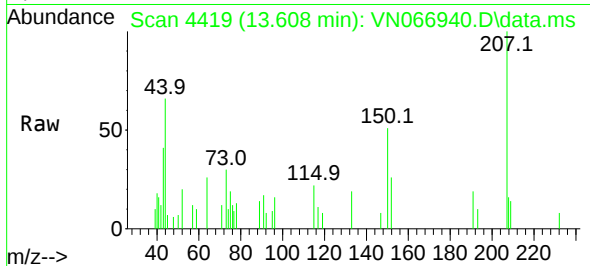




#89
n-Butylbenzene
Concen: 5.26 ug/l
RT: 13.608 min Scan# 4419
Delta R.T. 0.046 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 418
Ion Ratio Lower Upper
91 100
92 31.3 26.1 78.3
134 0.0 13.0 38.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.39 ug/l
RT: 14.227 min Scan# 4650
Delta R.T. 0.008 min
Lab File: VN066940.D
Acq: 4 May 2021 17:03

Tgt Ion: 75 Resp: 533
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

