

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043021\
 Data File : VN066909.D
 Acq On : 30 Apr 2021 14:54
 Operator : JC/MD
 Sample : M2137-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-1D(OFFSITE)

Quant Time: May 01 01:46:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

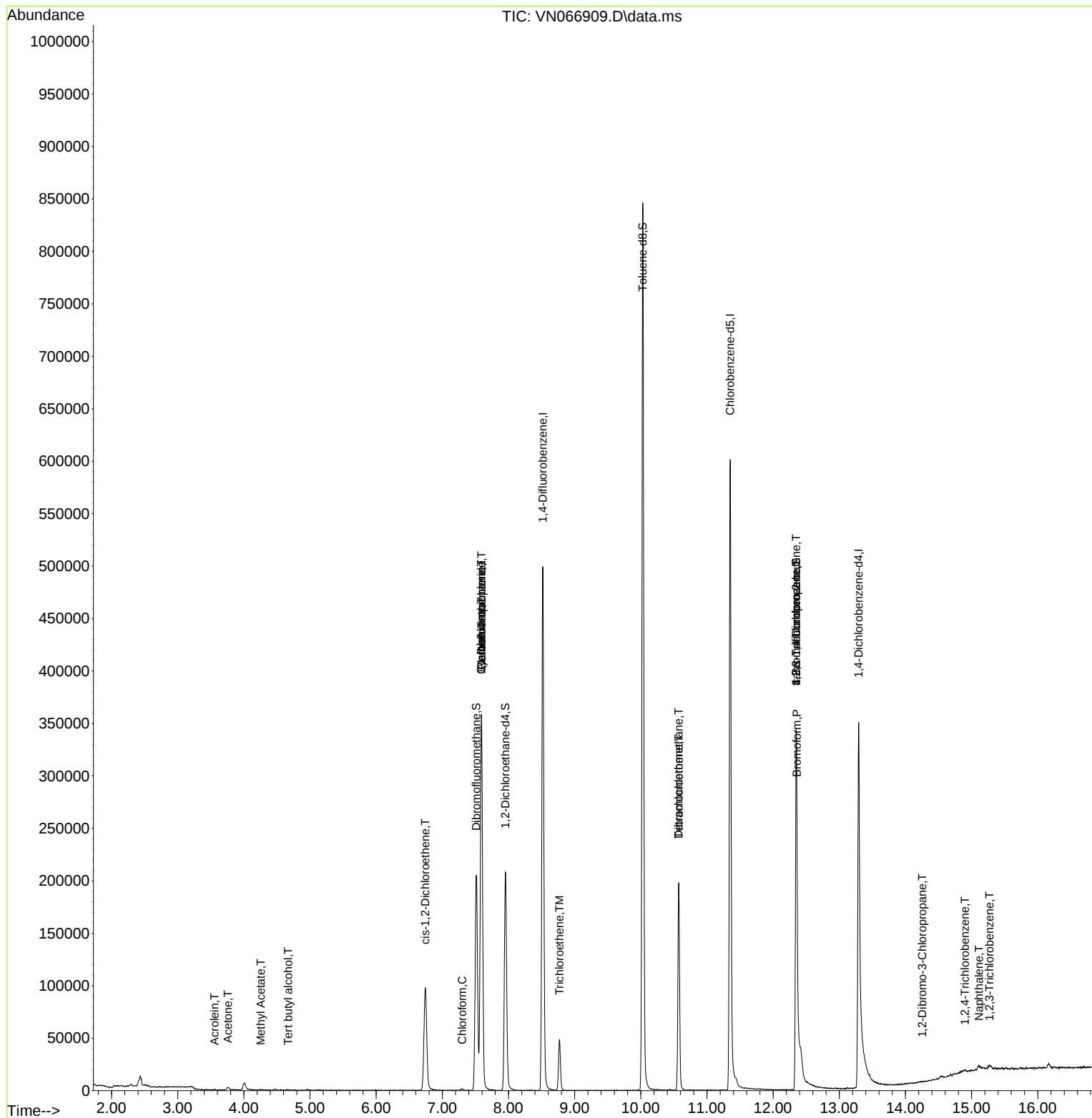
Internal Standards						
1) Pentafluorobenzene	7.591	168	331865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	486109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	416921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	149676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	180712	42.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.76%		
35) Dibromofluoromethane	7.513	113	166743	55.57	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	111.14%		
50) Toluene-d8	10.029	98	622427	52.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.70%		
62) 4-Bromofluorobenzene	12.349	95	179865	45.13	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.26%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.668	59	300	0.46	ug/l #	73
13) Acrolein	3.555	56	466	0.85	ug/l #	72
16) Acetone	3.758	43	4113	2.56	ug/l	95
18) Methyl Acetate	4.257	43	125	1.14	ug/l #	51
27) cis-1,2-Dichloroethene	6.741	96	72750	17.60	ug/l	88
30) Chloroform	7.299	83	1852	0.28	ug/l	100
31) Cyclohexane	7.588	56	5171	0.78	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	20563	4.55	ug/l #	48
38) Carbon Tetrachloride	7.591	117	27443	6.34	ug/l #	16
44) Trichloroethene	8.768	130	20496	6.01	ug/l	89
60) Dibromochloromethane	10.573	129	44458	12.60	ug/l #	11
64) Tetrachloroethene	10.573	164	52212	18.94	ug/l	98
71) Bromoform	12.359	173	917	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	70617	22.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	70617	60.76	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.253	75	149	0.23	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.899	180	1439	0.56	ug/l #	33
95) Naphthalene	15.111	128	6880	1.04	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.269	180	2138	0.86	ug/l	87

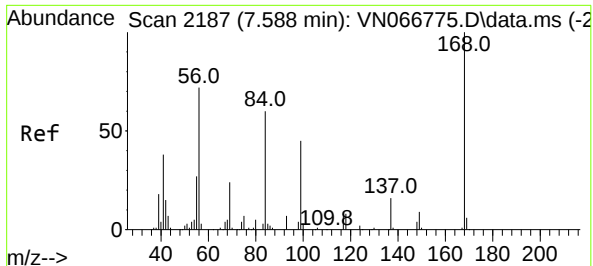
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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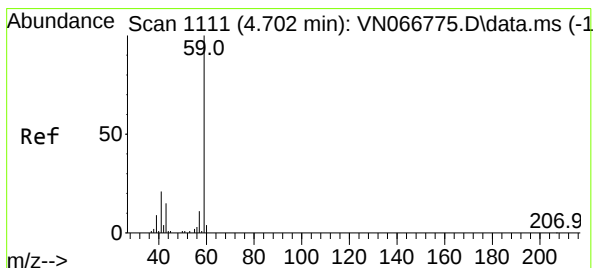
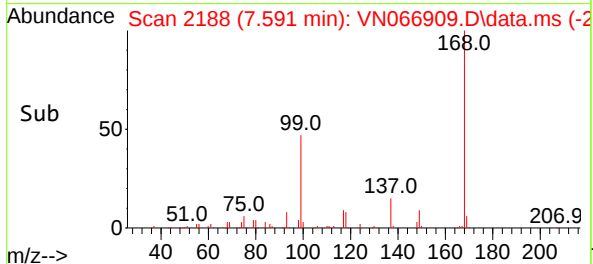
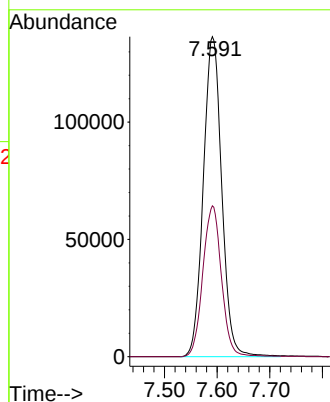
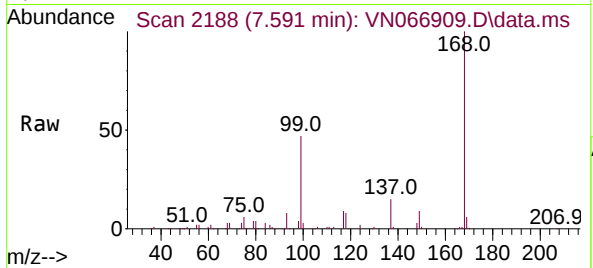




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

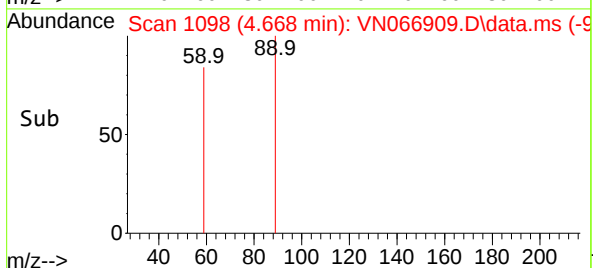
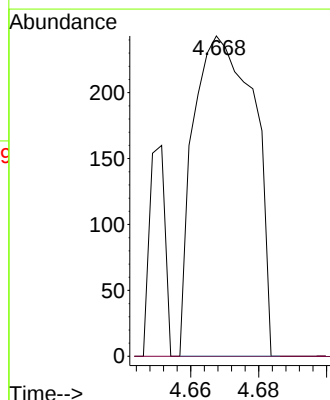
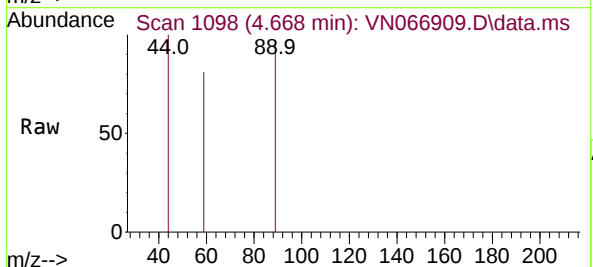
Instrument :
MSVOA_N
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152140-MW-1D(OFFSITE)

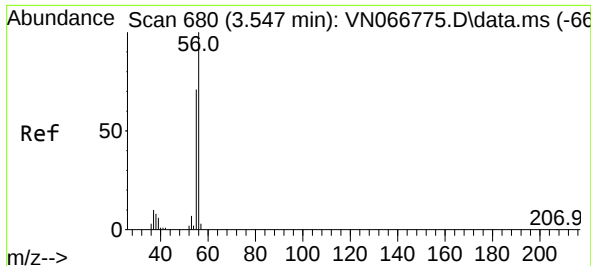
Tgt Ion:168 Resp: 331865
Ion Ratio Lower Upper
168 100
99 47.1 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.46 ug/l
RT: 4.668 min Scan# 1098
Delta R.T. -0.034 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

Tgt Ion: 59 Resp: 300
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

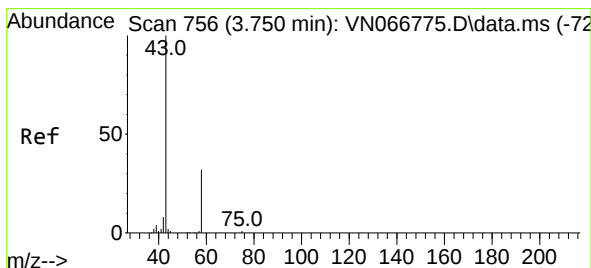
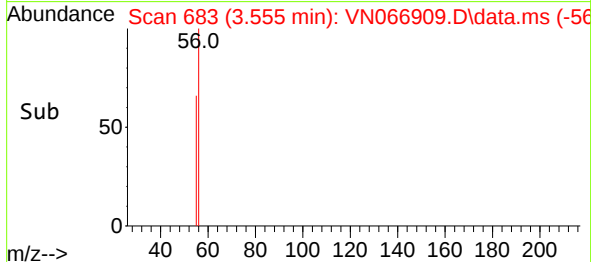
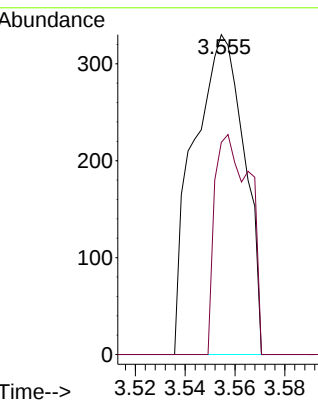
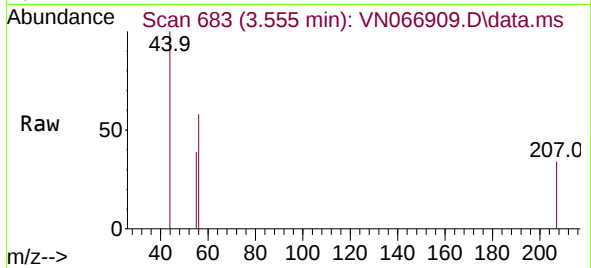




#13
Acrolein
Concen: 0.85 ug/l
RT: 3.555 min Scan# 683
Delta R.T. 0.008 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

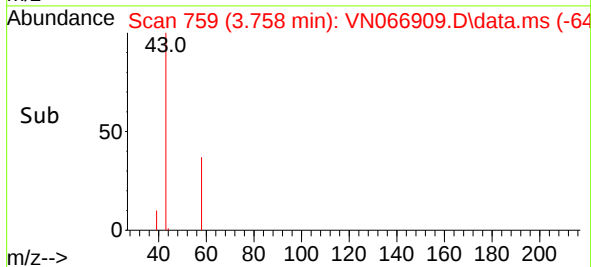
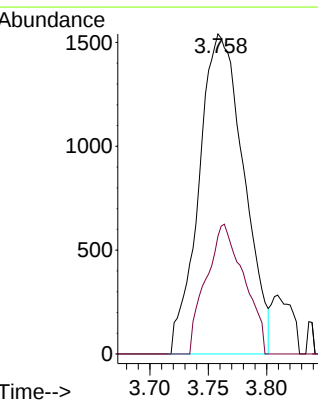
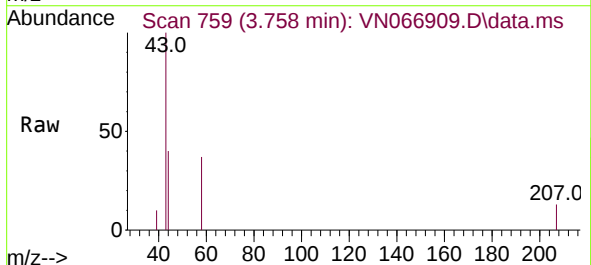
Instrument :
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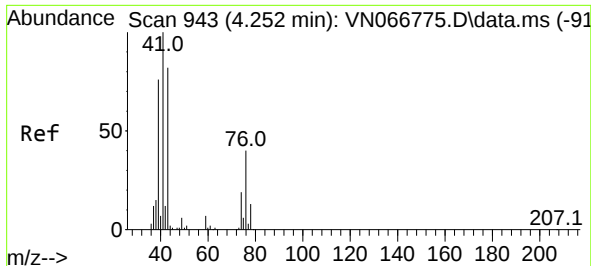
Tgt Ion: 56 Resp: 466
Ion Ratio Lower Upper
56 100
55 47.4 56.0 84.0#



#16
Acetone
Concen: 2.56 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.008 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

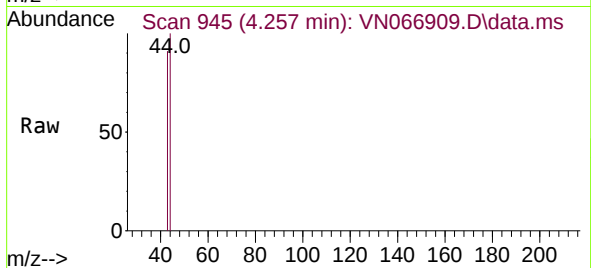
Tgt Ion: 43 Resp: 4113
Ion Ratio Lower Upper
43 100
58 36.8 27.0 40.6



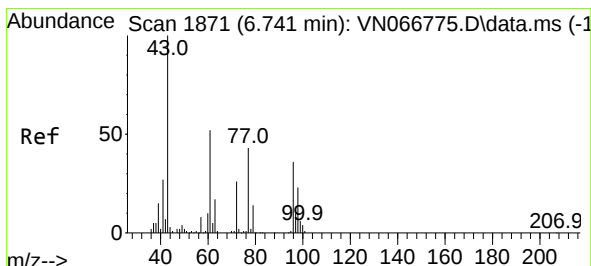
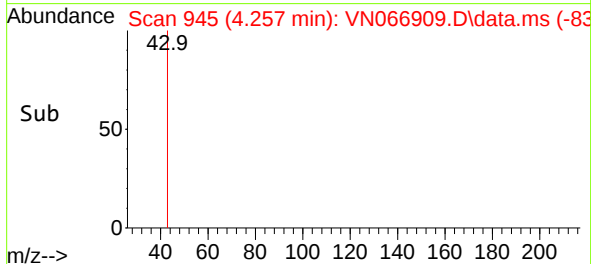
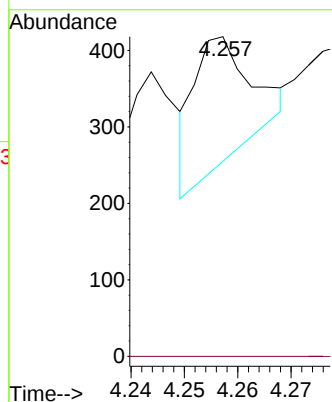


#18
Methyl Acetate
Concen: 1.14 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

Instrument :
MSVOA_N
ClientSampleId :
152140-MW-1D(OFFSITE)

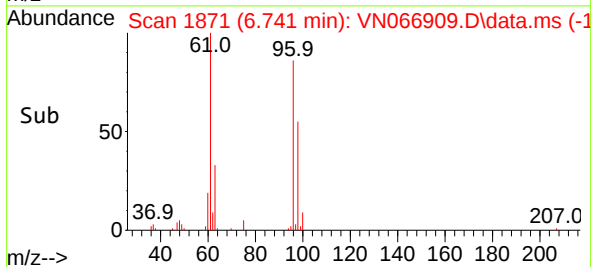
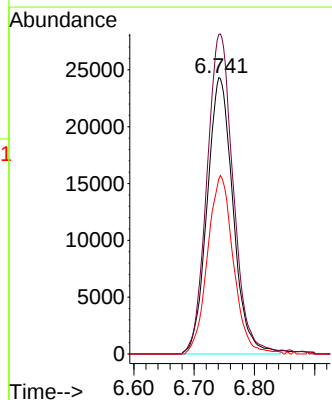
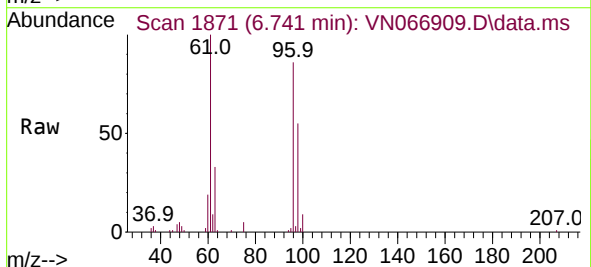


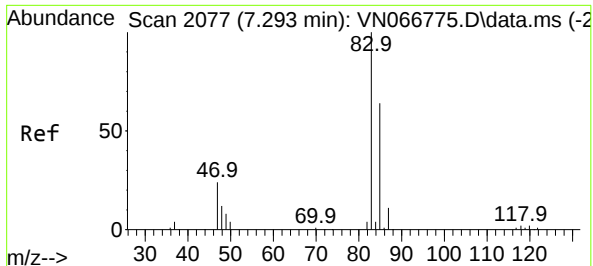
Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#27
cis-1,2-Dichloroethene
Concen: 17.60 ug/l
RT: 6.741 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

Tgt Ion: 96 Resp: 72750
Ion Ratio Lower Upper
96 100
61 117.3 0.0 276.8
98 64.3 0.0 129.4

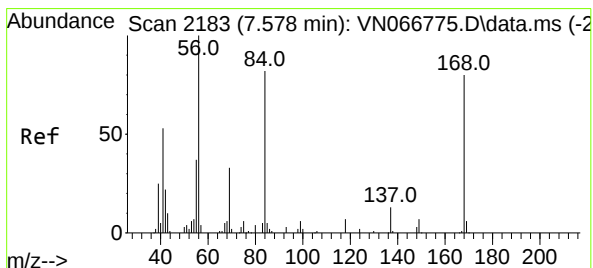
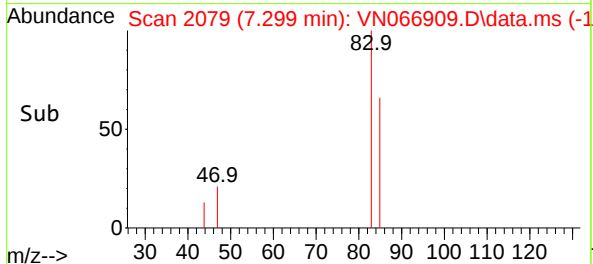
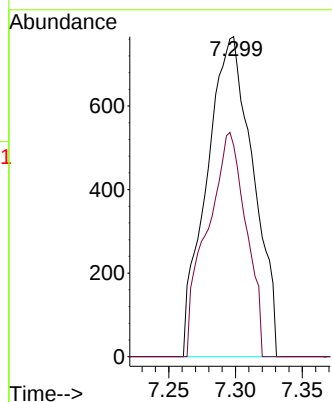
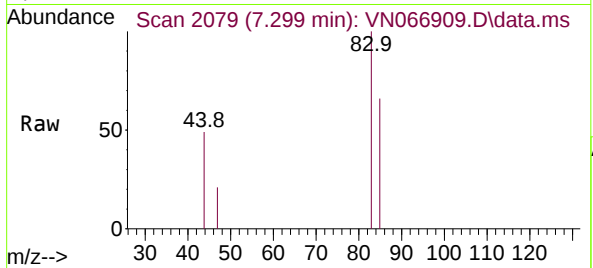




#30
Chloroform
Concen: 0.28 ug/l
RT: 7.299 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

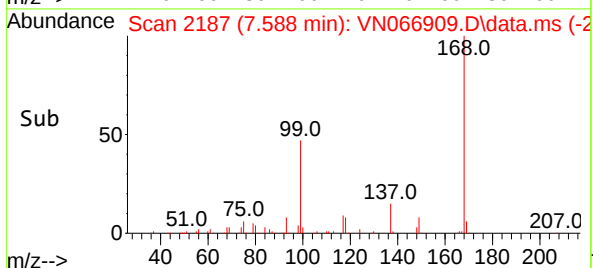
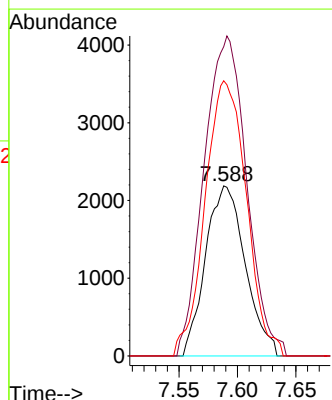
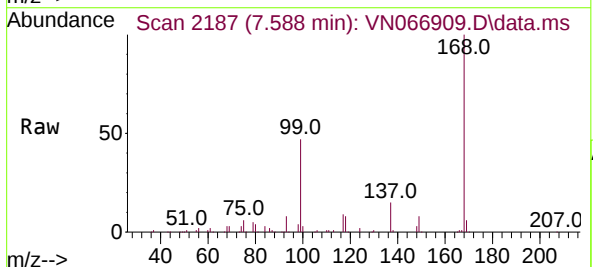
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ClientSampleId :
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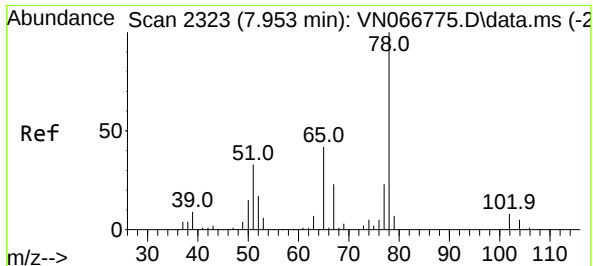
Tgt Ion: 83 Resp: 1852
Ion Ratio Lower Upper
83 100
85 66.1 52.6 78.8



#31
Cyclohexane
Concen: 0.78 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

Tgt Ion: 56 Resp: 5171
Ion Ratio Lower Upper
56 100
69 172.9 26.6 39.8#
84 154.5 70.4 105.6#

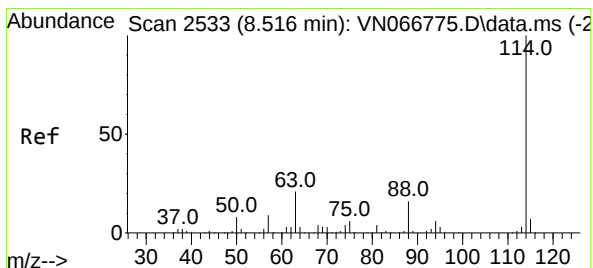
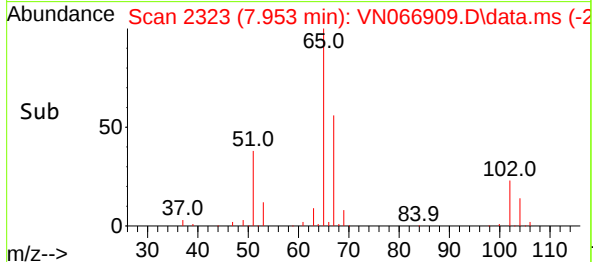
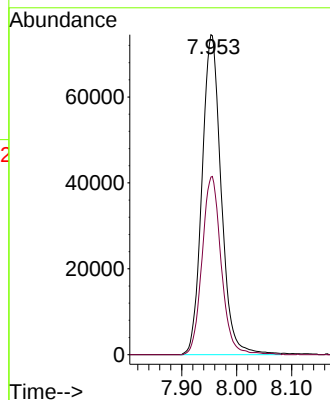
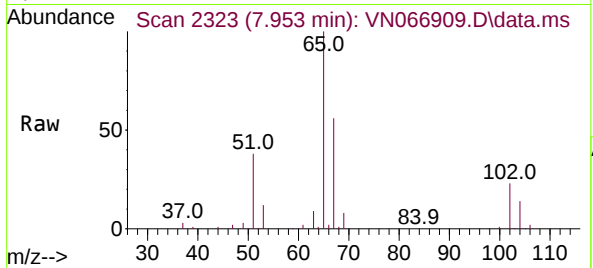




#33
 1,2-Dichloroethane-d4
 Concen: 42.38 ug/l
 RT: 7.953 min Scan# 2323
 Delta R.T. -0.000 min
 Lab File: VN066909.D
 Acq: 30 Apr 2021 14:54

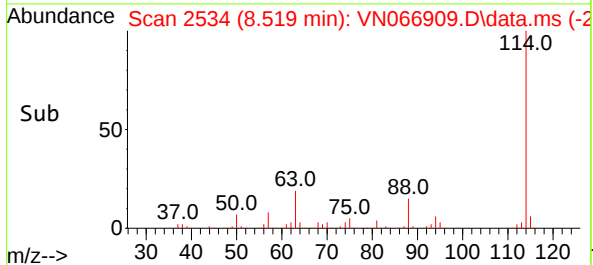
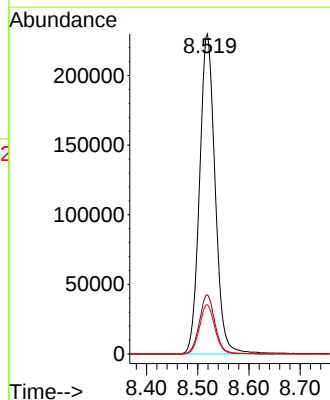
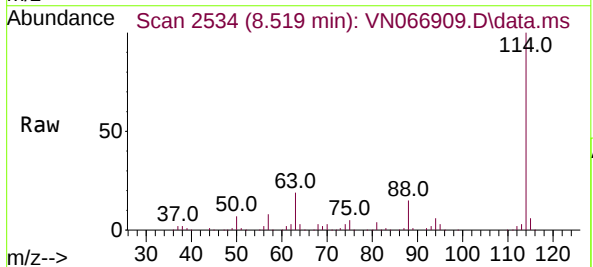
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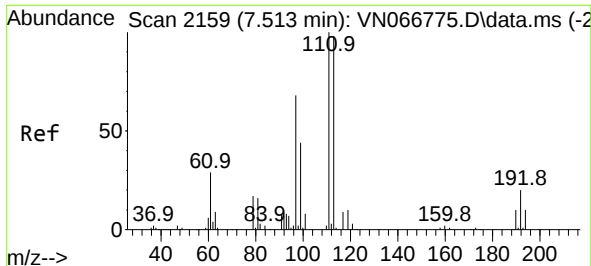
Tgt Ion: 65 Resp: 180712
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066909.D
 Acq: 30 Apr 2021 14:54

Tgt Ion: 114 Resp: 486109
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.6
 88 15.4 0.0 30.6

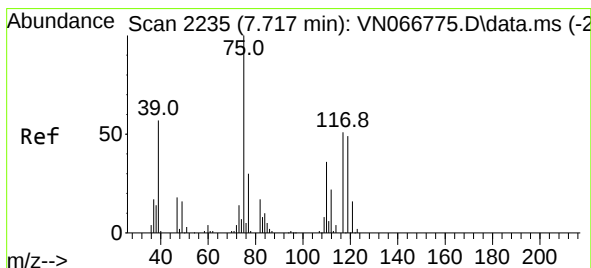
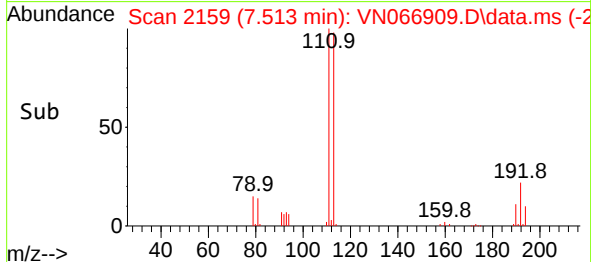
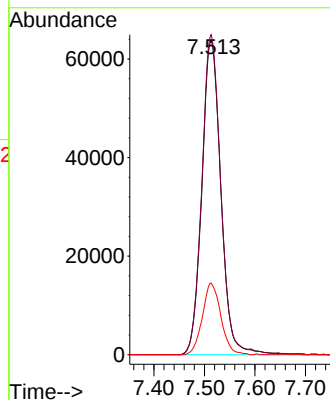
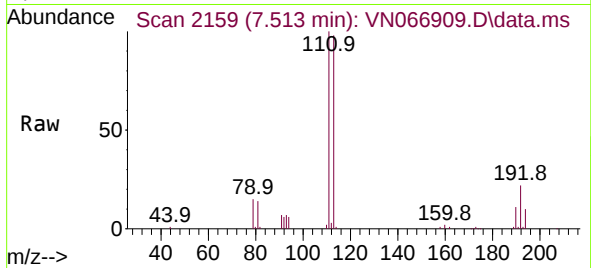




#35
Dibromofluoromethane
Concen: 55.57 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

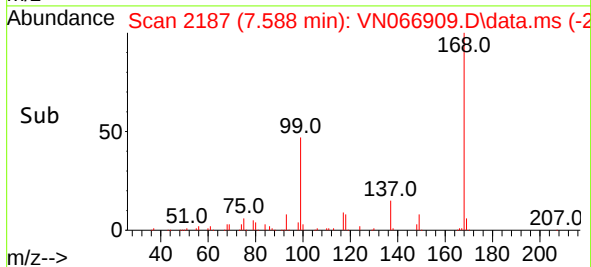
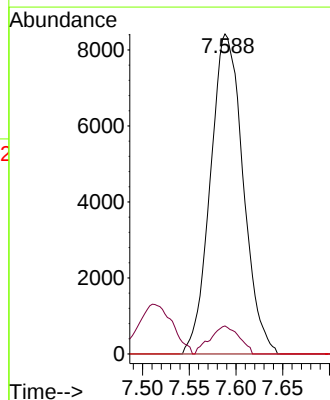
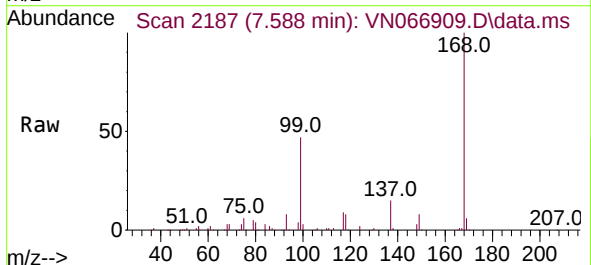
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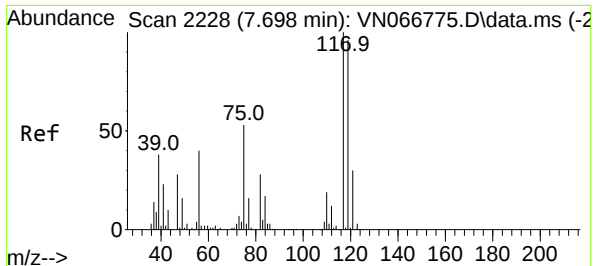
Tgt Ion:113 Resp: 166743
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.2
192 22.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

Tgt Ion: 75 Resp: 20563
Ion Ratio Lower Upper
75 100
110 7.7 18.2 54.6#
77 0.0 24.9 37.3#

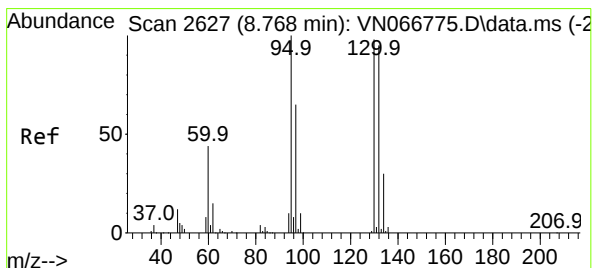
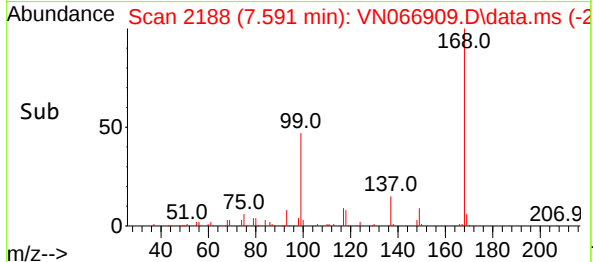
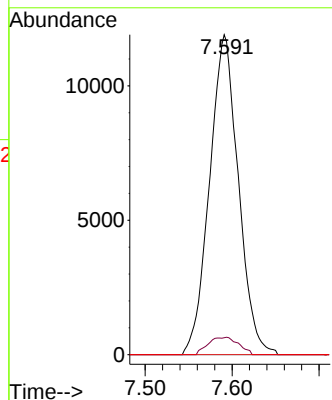
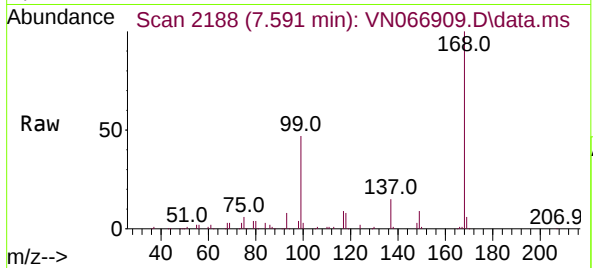




#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

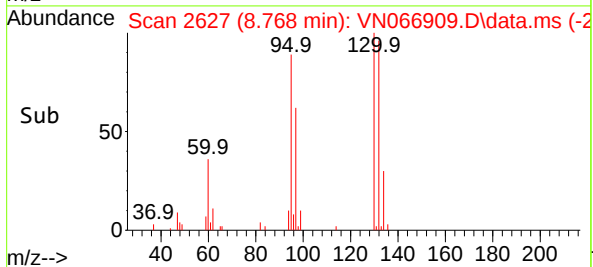
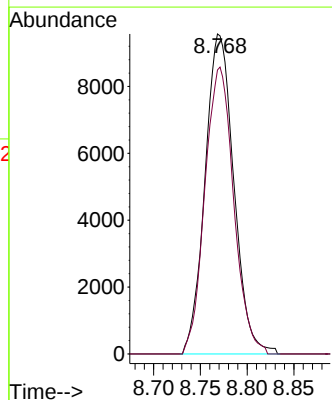
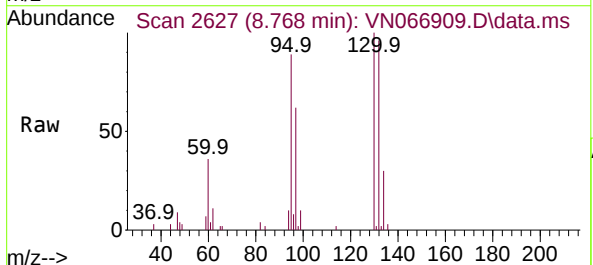
Instrument :
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152140-MW-1D(OFFSITE)

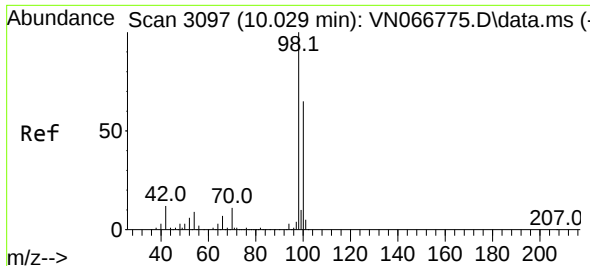
Tgt Ion:117 Resp: 27443
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 6.01 ug/l
RT: 8.768 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

Tgt Ion:130 Resp: 20496
Ion Ratio Lower Upper
130 100
95 88.8 0.0 199.6

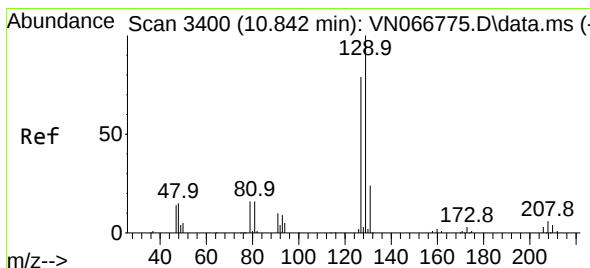
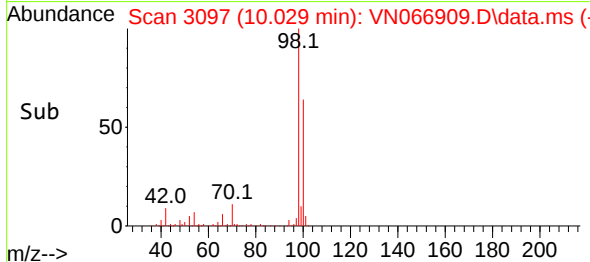
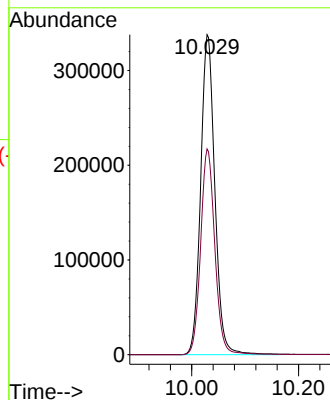
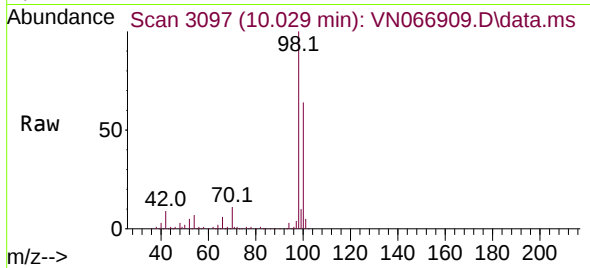




#50
Toluene-d8
Concen: 52.85 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

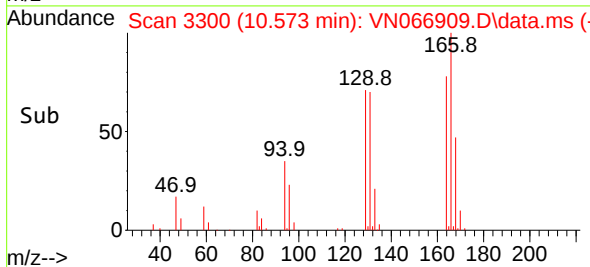
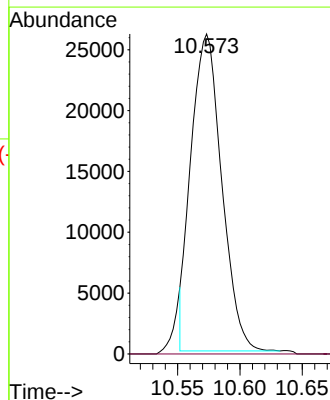
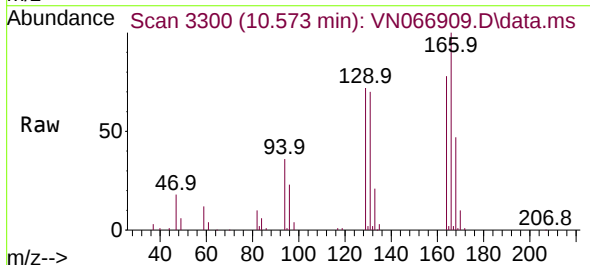
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-1D(OFFSITE)

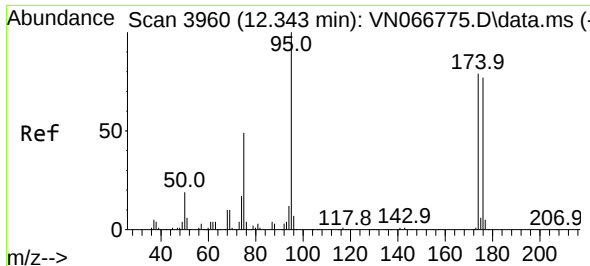
Tgt Ion: 98 Resp: 622427
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7



#60
Dibromochloromethane
Concen: 12.60 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. -0.269 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

Tgt Ion: 129 Resp: 44458
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

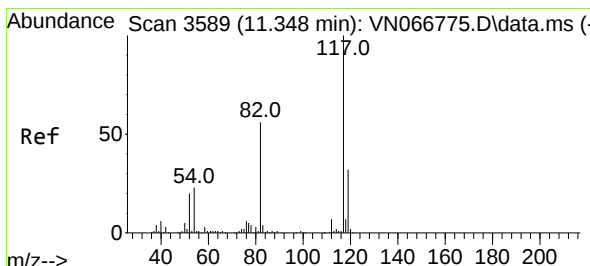
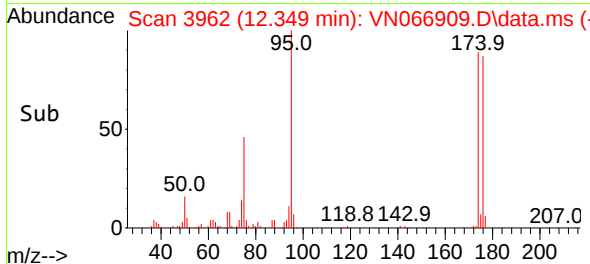
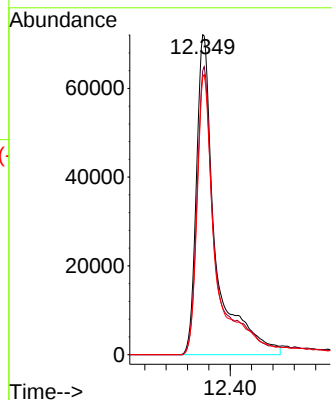
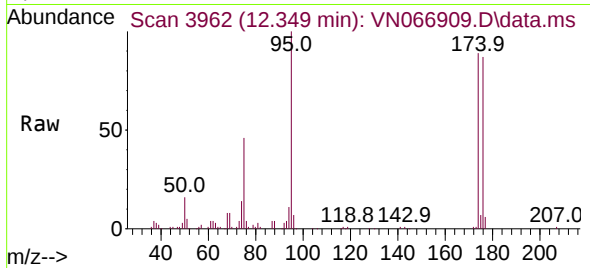




#62
4-Bromofluorobenzene
Concen: 45.13 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

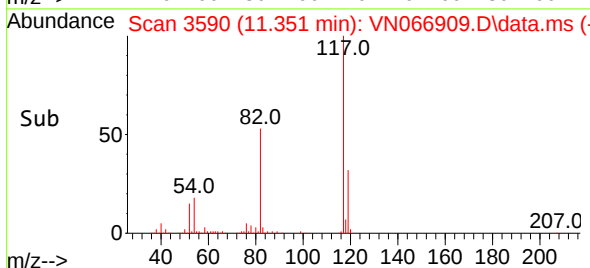
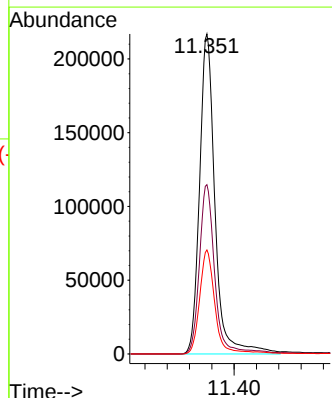
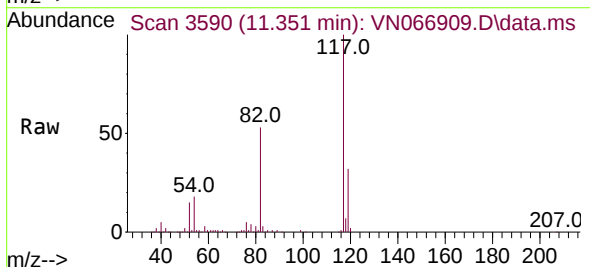
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-1D(OFFSITE)

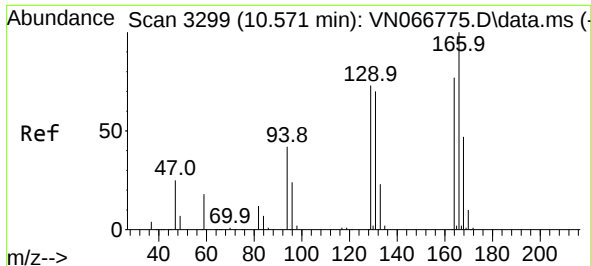
Tgt Ion: 95 Resp: 179865
Ion Ratio Lower Upper
95 100
174 76.6 0.0 169.0
176 87.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

Tgt Ion: 117 Resp: 416921
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 32.5 26.1 39.1

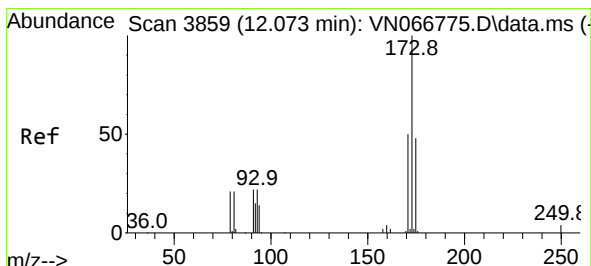
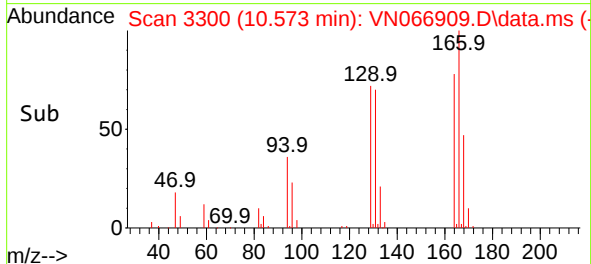
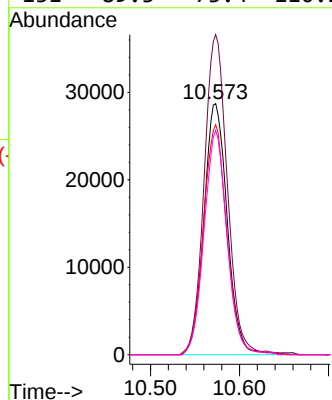
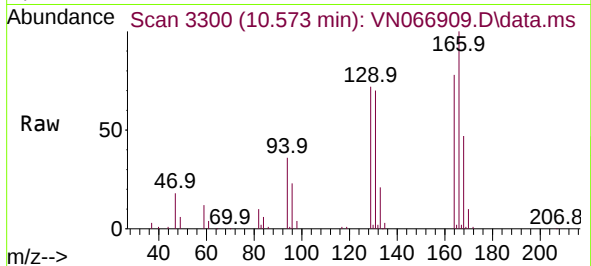




#64
Tetrachloroethene
Concen: 18.94 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

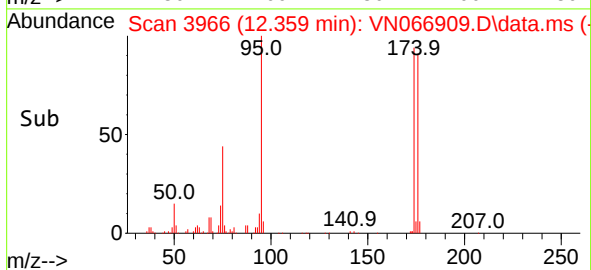
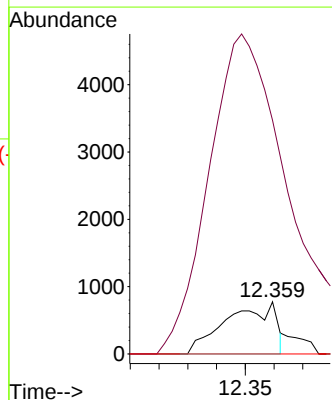
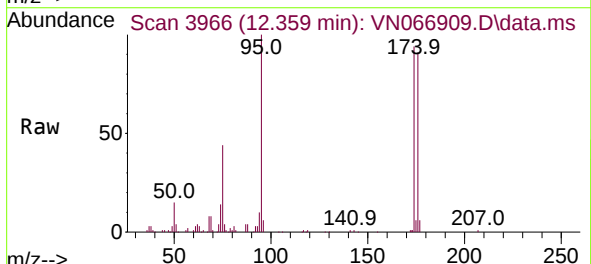
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-1D(OFFSITE)

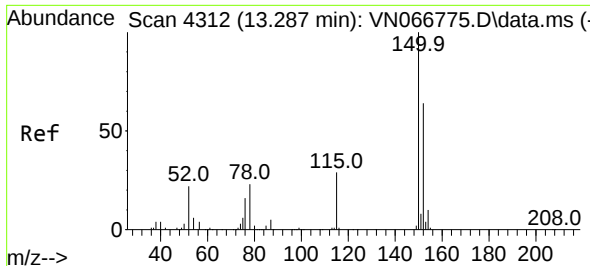
Tgt Ion:164	Resp:	52212
Ion Ratio	Lower	Upper
164	100	
166	127.4	102.6 154.0
129	91.6	76.2 114.4
131	89.3	73.4 110.2



#71
Bromoform
Concen: 0.40 ug/l
RT: 12.359 min Scan# 3966
Delta R.T. 0.286 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

Tgt Ion:173	Resp:	917
Ion Ratio	Lower	Upper
173	100	
175	785.9	23.8 71.2#
254	0.0	0.0 0.0

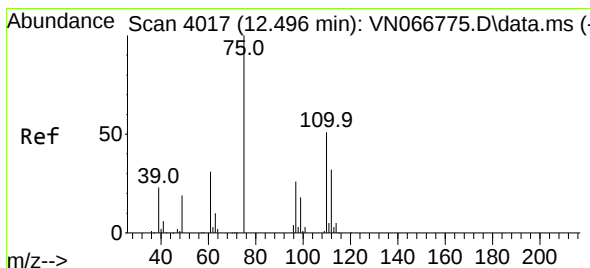
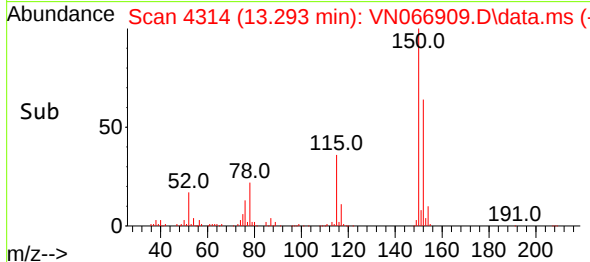
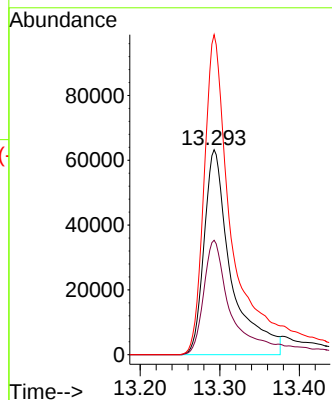
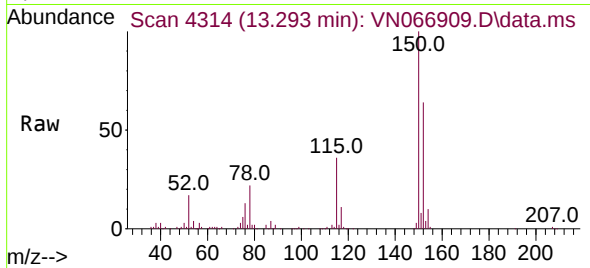




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.293 min Scan# 4314
 Delta R.T. 0.005 min
 Lab File: VN066909.D
 Acq: 30 Apr 2021 14:54

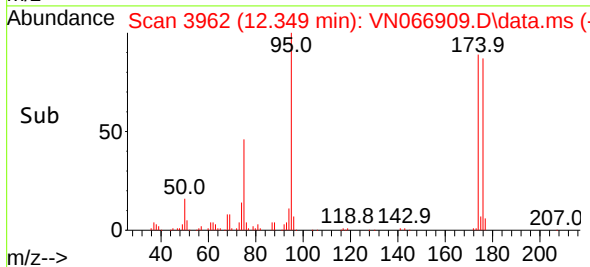
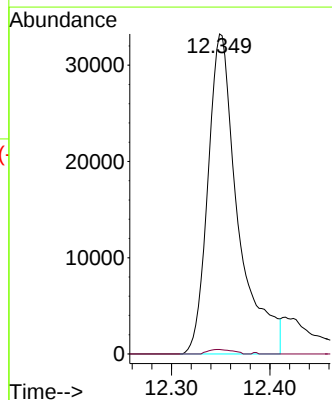
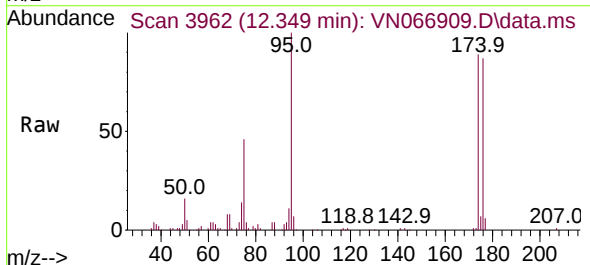
Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-1D(OFFSITE)

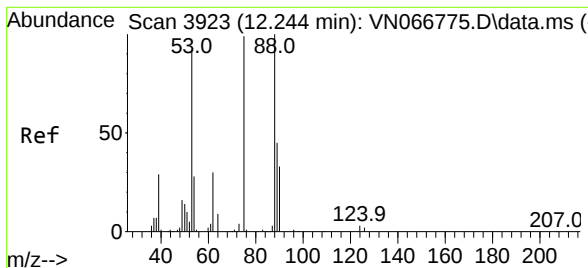
Tgt Ion:152 Resp: 149676
 Ion Ratio Lower Upper
 152 100
 115 59.8 28.5 85.6
 150 172.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 22.38 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. -0.147 min
 Lab File: VN066909.D
 Acq: 30 Apr 2021 14:54

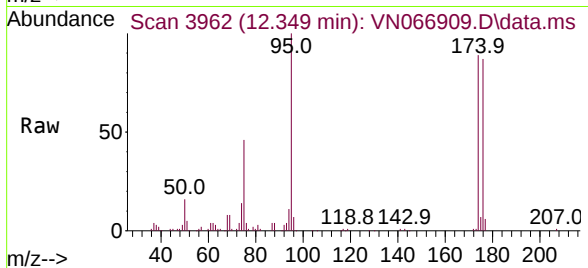
Tgt Ion: 75 Resp: 70617
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



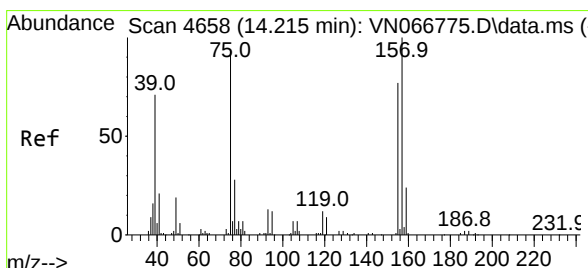
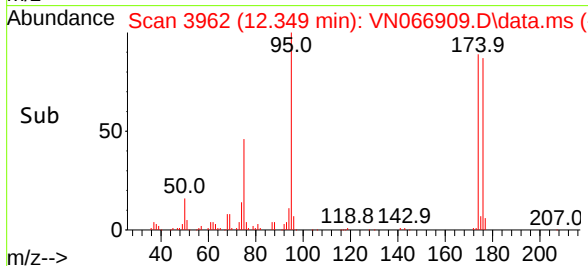
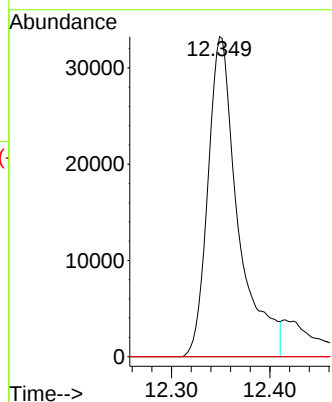


#81
trans-1,4-Dichloro-2-butene
Concen: 60.76 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

Instrument :
MSVOA_N
ClientSampleId :
152140-MW-1D(OFFSITE)

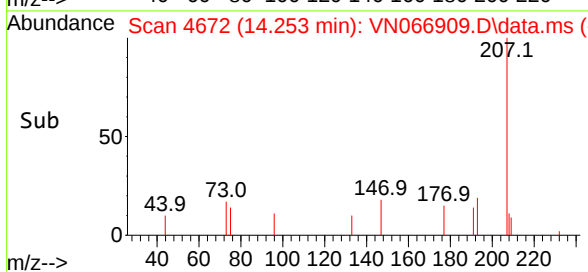
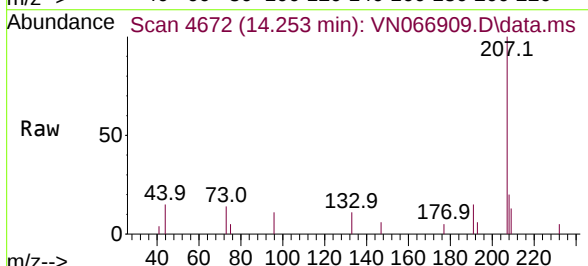
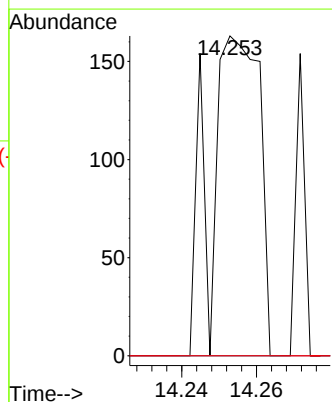


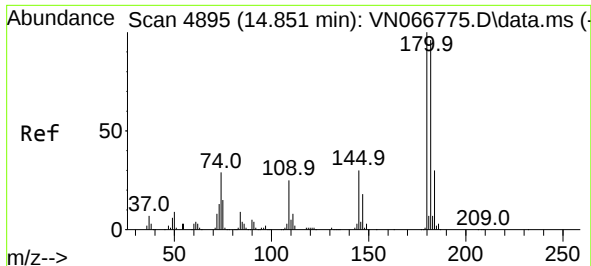
Tgt Ion: 75 Resp: 70617
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.23 ug/l
RT: 14.253 min Scan# 4672
Delta R.T. 0.038 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

Tgt Ion: 75 Resp: 149
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

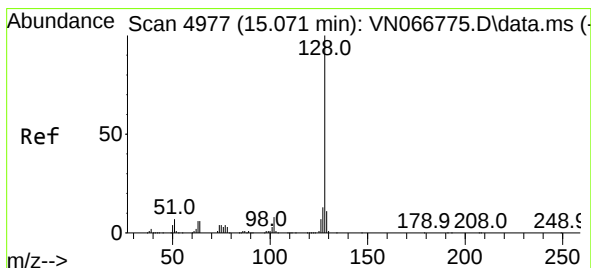
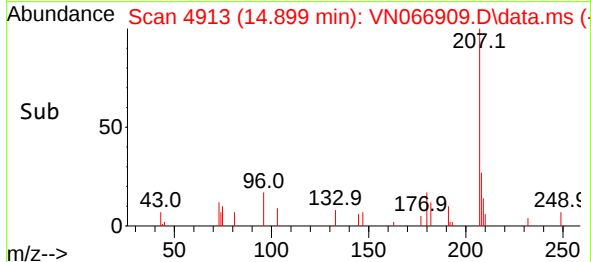
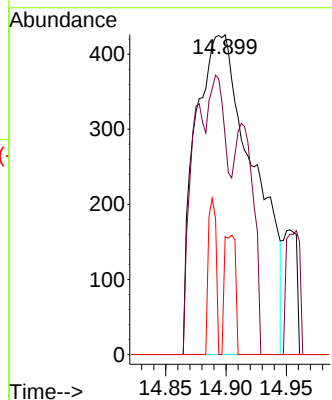
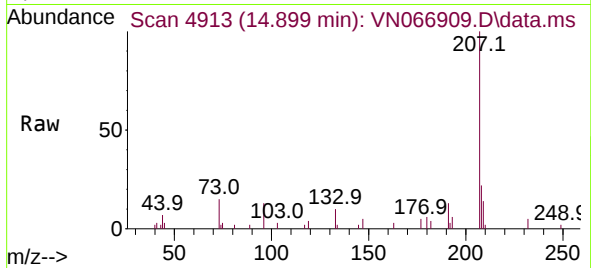




#93
1,2,4-Trichlorobenzene
Concen: 0.56 ug/l
RT: 14.899 min Scan# 4913
Delta R.T. 0.048 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

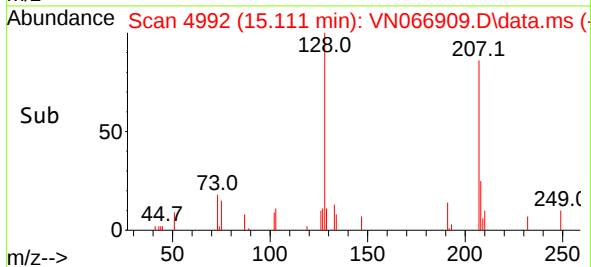
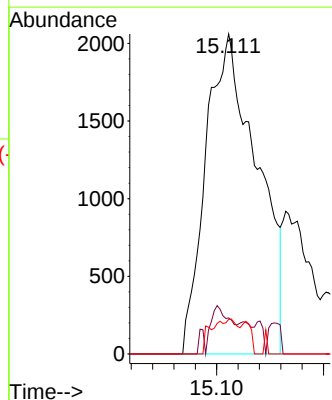
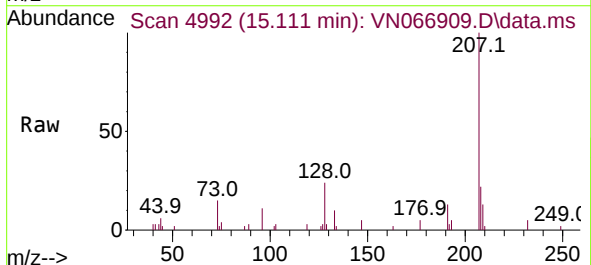
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-1D(OFFSITE)

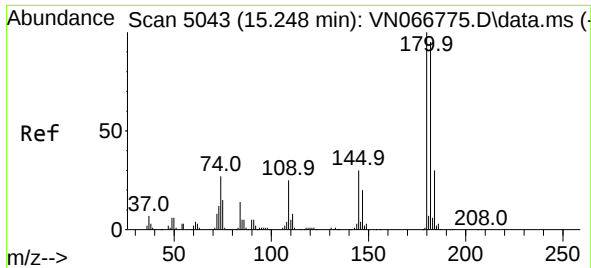
Tgt Ion:180 Resp: 1439
Ion Ratio Lower Upper
180 100
182 23.0 47.3 142.0#
145 6.9 15.6 46.8#



#95
Naphthalene
Concen: 1.04 ug/l
RT: 15.111 min Scan# 4992
Delta R.T. 0.040 min
Lab File: VN066909.D
Acq: 30 Apr 2021 14:54

Tgt Ion:128 Resp: 6880
Ion Ratio Lower Upper
128 100
127 5.9 10.2 15.2#
129 0.4 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.86 ug/l
 RT: 15.269 min Scan# 5051
 Delta R.T. 0.021 min
 Lab File: VN066909.D
 Acq: 30 Apr 2021 14:54

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-1D(OFFSITE)

Tgt Ion:	180	Resp:	2138
Ion	Ratio	Lower	Upper
180	100		
182	81.7	47.4	142.3
145	26.9	16.5	49.5

