

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
 Data File : VN067109.D
 Acq On : 17 May 2021 18:11
 Operator : JC/MD
 Sample : M2387-08 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 18 04:10:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

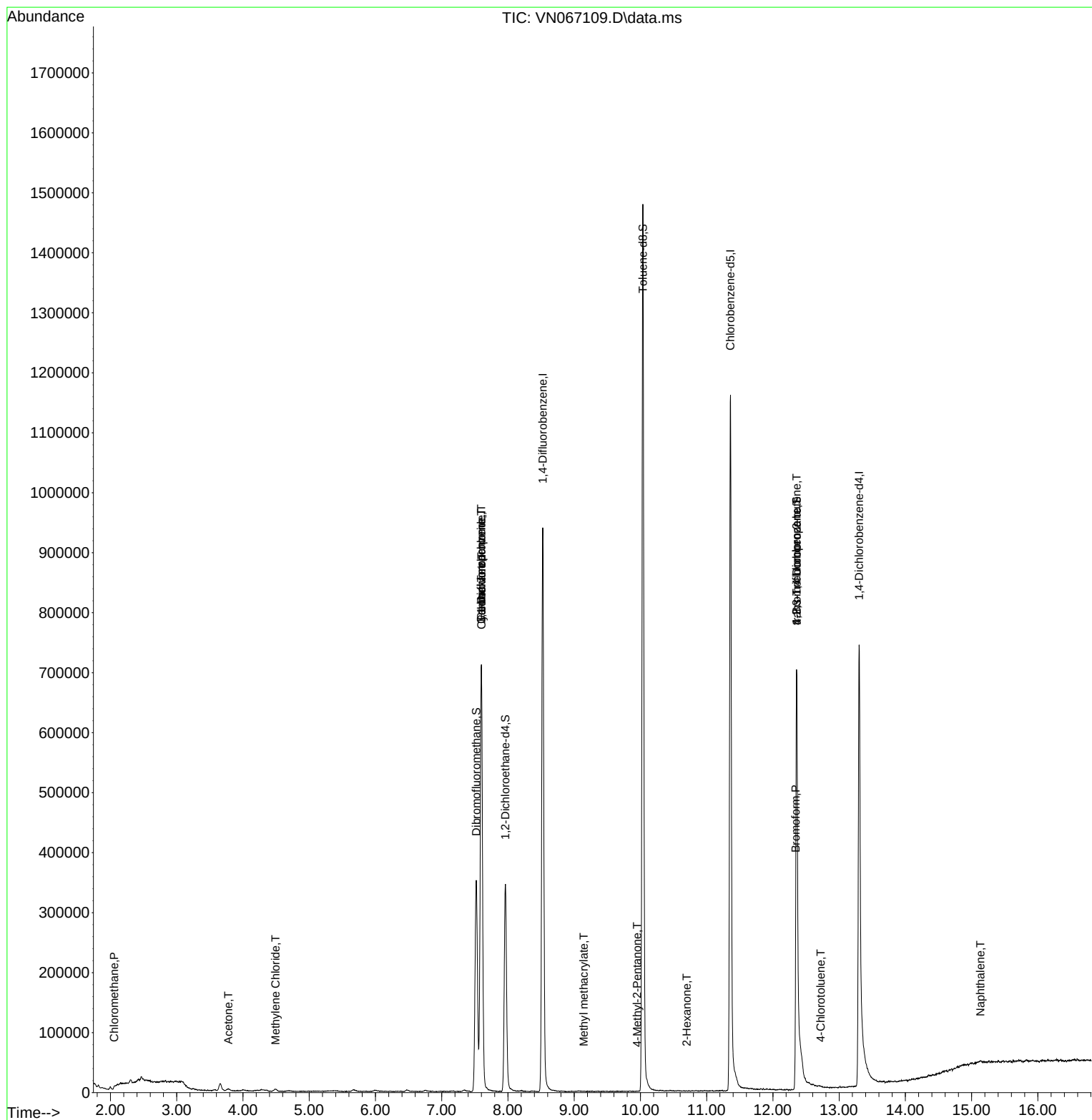
Internal Standards						
1) Pentafluorobenzene	7.600	168	678413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	949622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	816603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.302	152	328637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	310752	42.40	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.80%		
35) Dibromofluoromethane	7.522	113	285142	45.73	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.46%		
50) Toluene-d8	10.038	98	1129083	47.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.56%		
62) 4-Bromofluorobenzene	12.358	95	347150	43.85	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.70%		
Target Compounds						Qvalue
3) Chloromethane	2.053	50	1806	0.24	ug/l #	80
13) Acrolein	3.566	56	2675	Below Cal	#	51
16) Acetone	3.781	43	5384	2.36	ug/l	94
20) Methylene Chloride	4.491	84	2868	0.46	ug/l	90
31) Cyclohexane	7.602	56	9823	0.97	ug/l #	1
36) 1,1-Dichloropropene	7.597	75	40251	4.65	ug/l #	44
38) Carbon Tetrachloride	7.597	117	56952	6.18	ug/l #	15
48) Methyl methacrylate	9.145	41	332	2.00	ug/l #	21
51) 4-Methyl-2-Pentanone	9.949	43	112	5.42	ug/l #	33
59) 2-Hexanone	10.700	43	36	21.93	ug/l #	21
71) Bromoform	12.344	173	107	1.78	ug/l #	28
76) 1,2,3-Trichloropropane	12.358	75	156922	22.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.358	75	156922	67.88	ug/l #	15
82) 4-Chlorotoluene	12.722	91	83	1.19	ug/l #	39
95) Naphthalene	15.133	128	4283	3.54	ug/l #	84

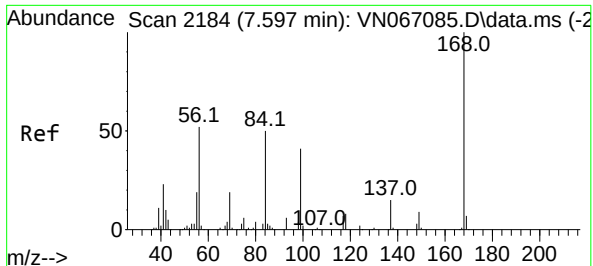
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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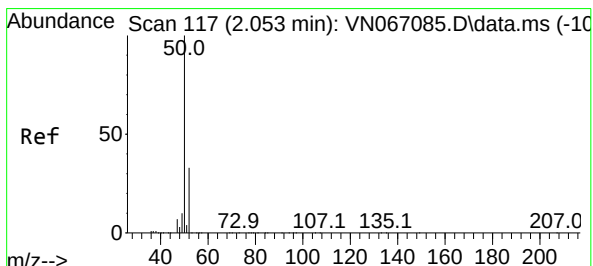
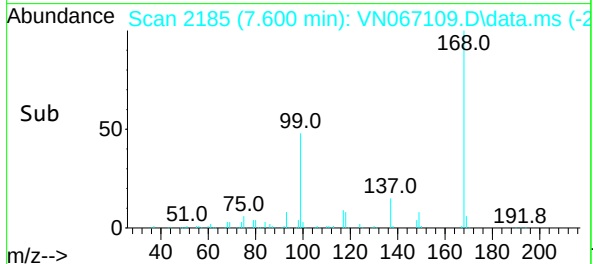
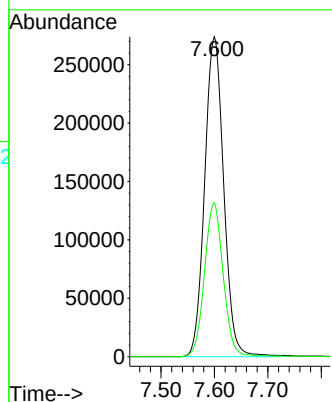
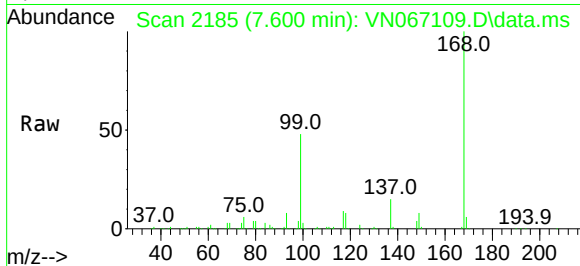




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

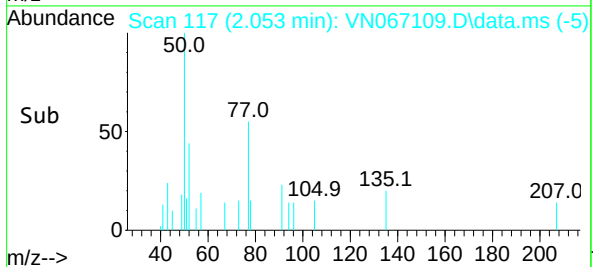
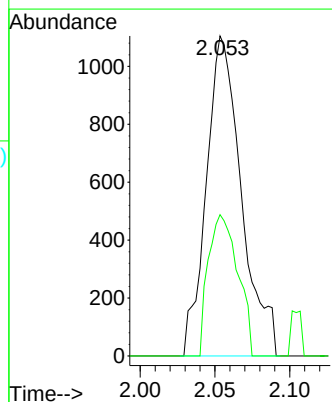
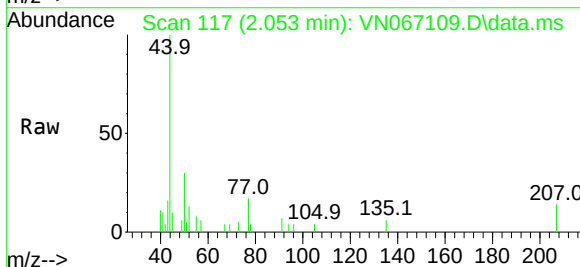
Instrument :
MSVOA_N
ClientSampled :

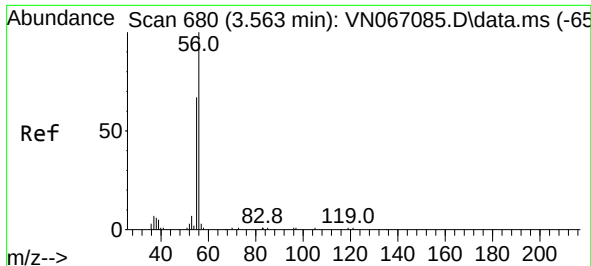
Tgt Ion:168 Resp: 678413
Ion Ratio Lower Upper
168 100
99 48.1 38.5 57.7



#3
Chloromethane
Concen: 0.24 ug/l
RT: 2.053 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

Tgt Ion: 50 Resp: 1806
Ion Ratio Lower Upper
50 100
52 44.2 26.5 39.7#

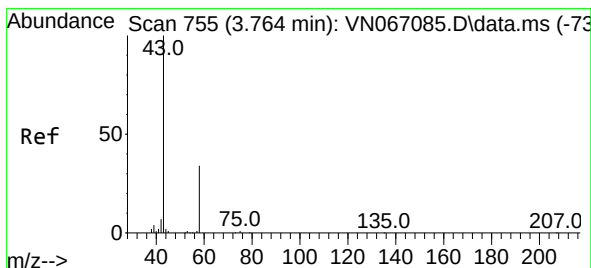
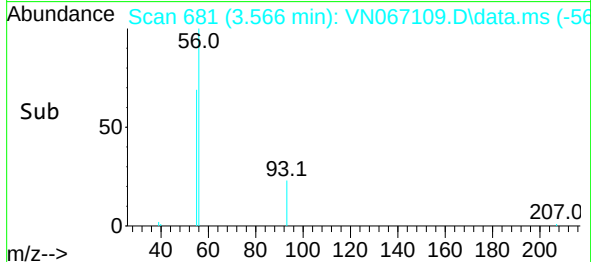
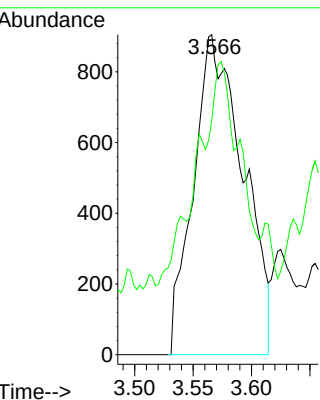
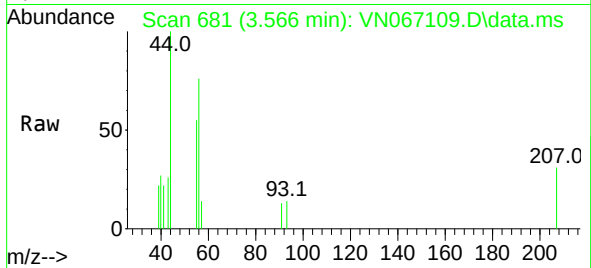




#13
Acrolein
Concen: Below Cal
RT: 3.566 min Scan# 681
Delta R.T. 0.003 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

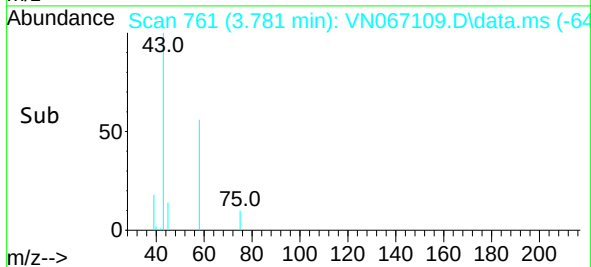
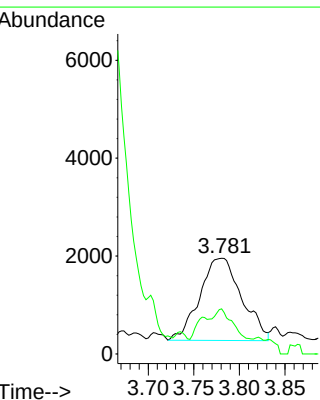
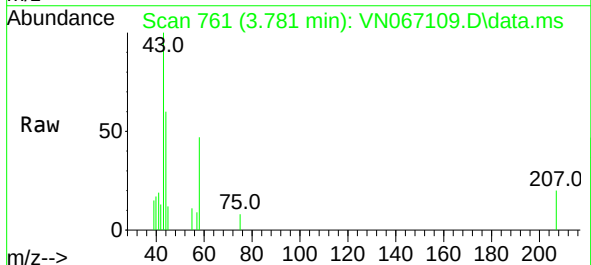
Instrument :
MSVOA_N
ClientSampleId :

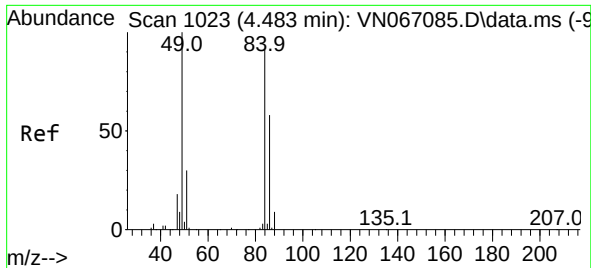
Tgt Ion: 56 Resp: 2675
Ion Ratio Lower Upper
56 100
55 28.1 53.8 80.6#



#16
Acetone
Concen: 2.36 ug/l
RT: 3.781 min Scan# 761
Delta R.T. 0.017 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

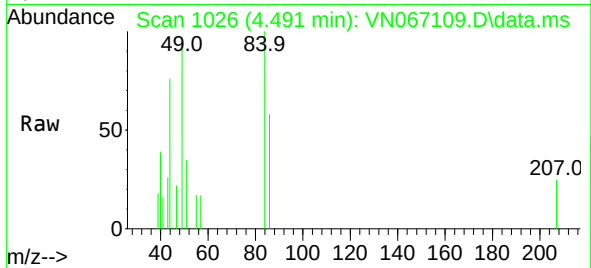
Tgt Ion: 43 Resp: 5384
Ion Ratio Lower Upper
43 100
58 37.3 27.2 40.8





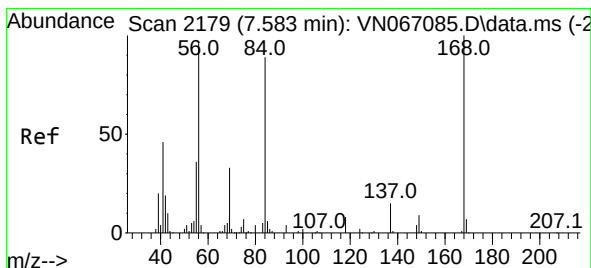
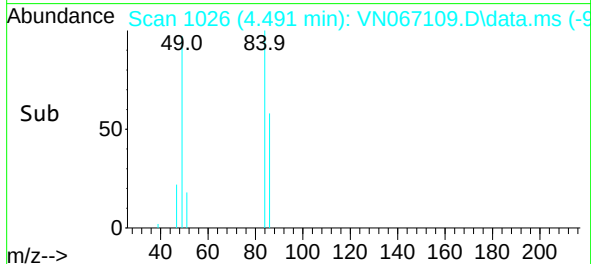
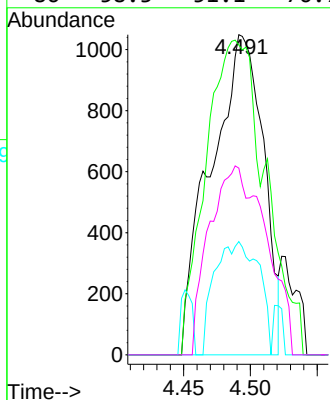
#20
Methylene Chloride
Concen: 0.46 ug/l
RT: 4.491 min Scan# 1026
Delta R.T. 0.008 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 2868

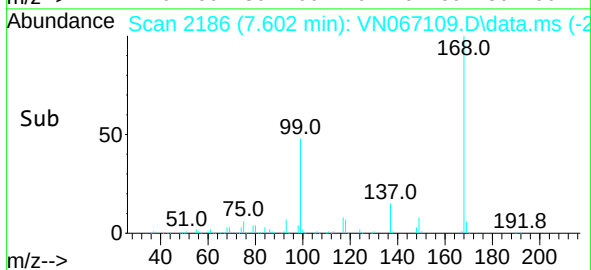
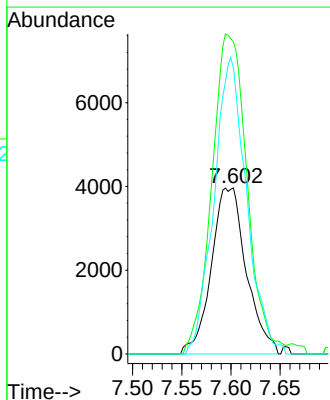
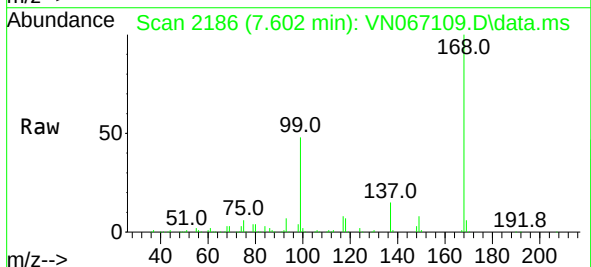
Ion	Ratio	Lower	Upper
84	100		
49	96.8	88.3	132.5
51	35.4	26.7	40.1
86	58.3	51.1	76.7

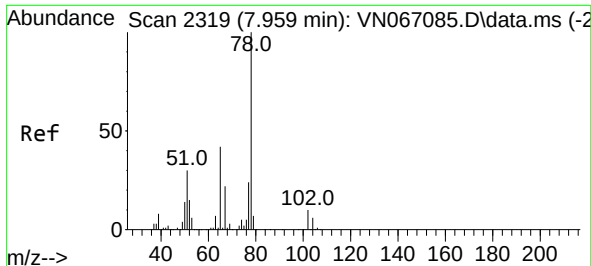


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 7.602 min Scan# 2186
Delta R.T. 0.019 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

Tgt Ion: 56 Resp: 9823

Ion	Ratio	Lower	Upper
56	100		
69	187.9	28.0	42.0#
84	172.4	74.2	111.2#

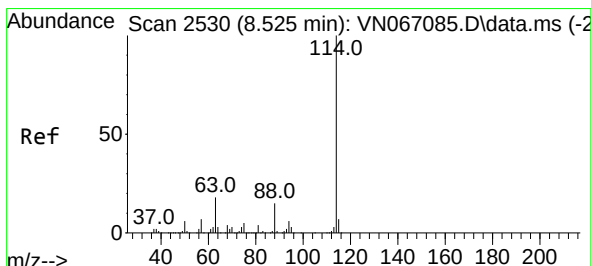
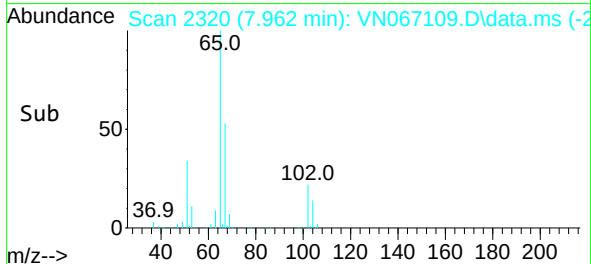
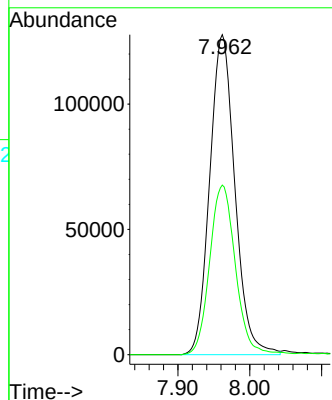
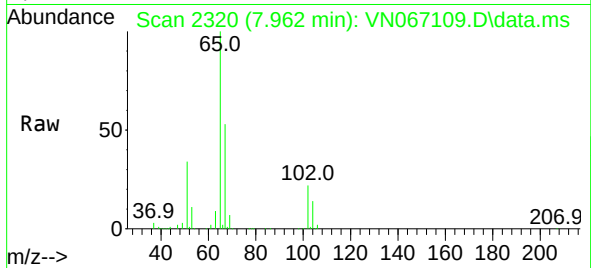




#33
1,2-Dichloroethane-d4
Concen: 42.40 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

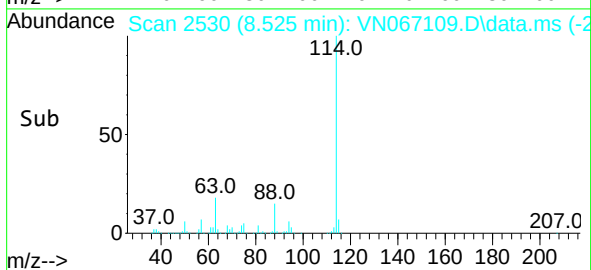
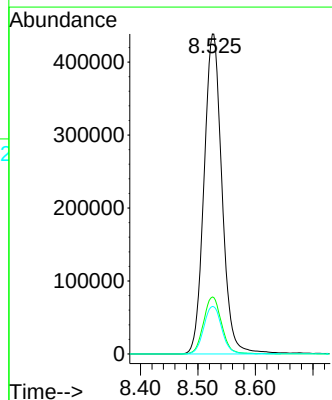
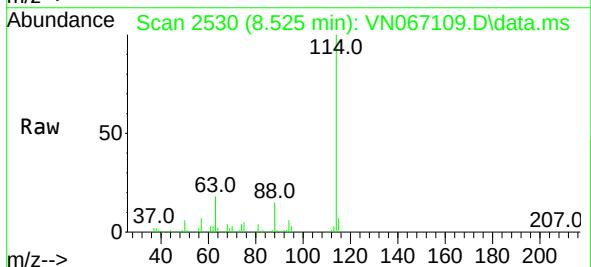
Instrument :
MSVOA_N
ClientSampled :

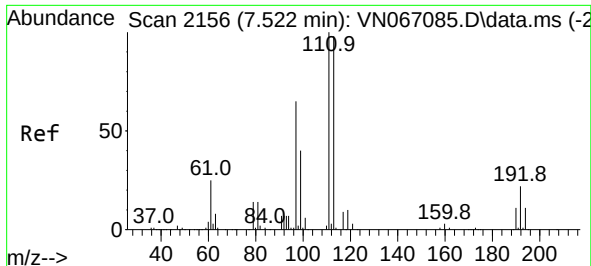
Tgt Ion: 65 Resp: 310752
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

Tgt Ion: 114 Resp: 949622
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.8
88 14.9 0.0 30.4

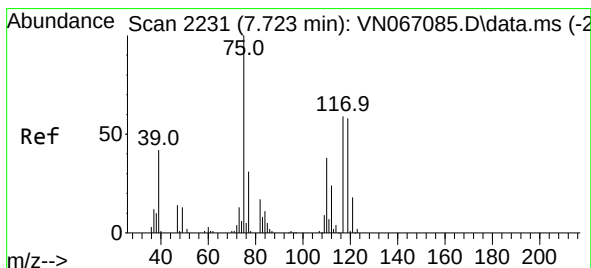
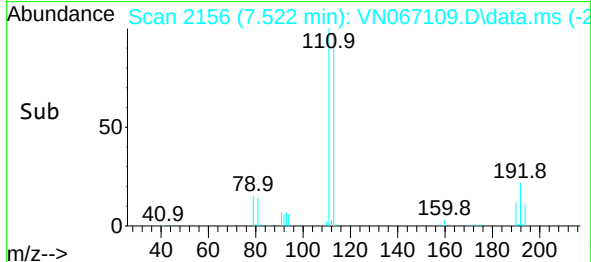
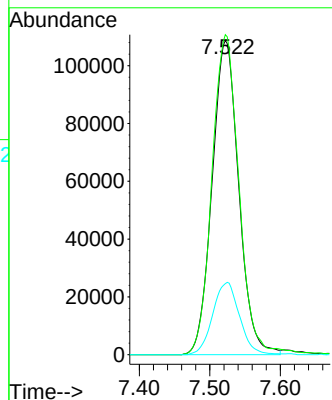
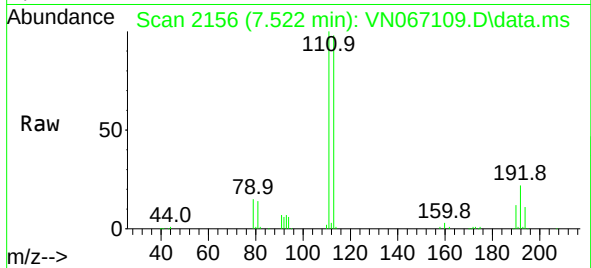




#35
Dibromofluoromethane
Concen: 45.73 ug/l
RT: 7.522 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

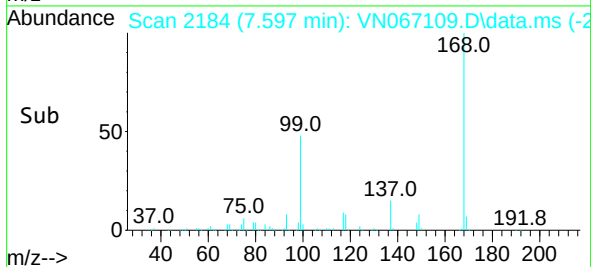
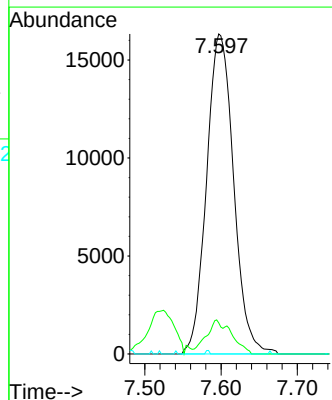
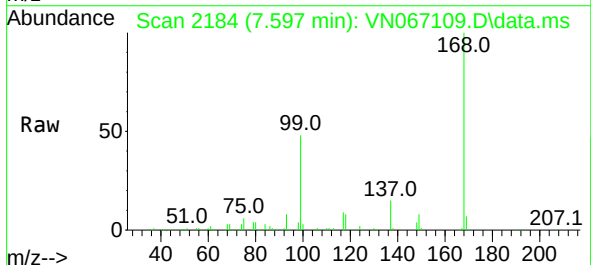
Instrument :
MSVOA_N
ClientSampled :

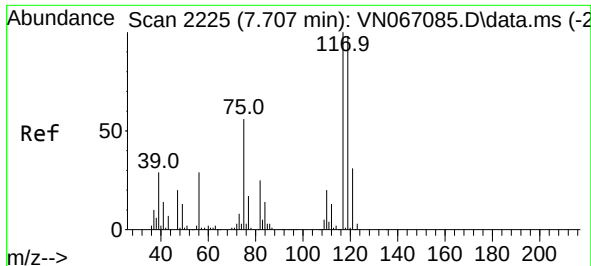
Tgt Ion:113 Resp: 285142
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 23.2 18.2 27.4



#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.126 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

Tgt Ion: 75 Resp: 40251
Ion Ratio Lower Upper
75 100
110 4.8 19.1 57.3#
77 0.1 24.8 37.2#

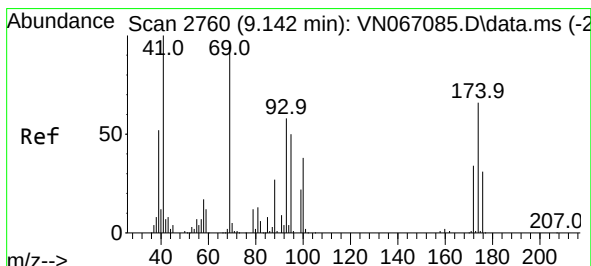
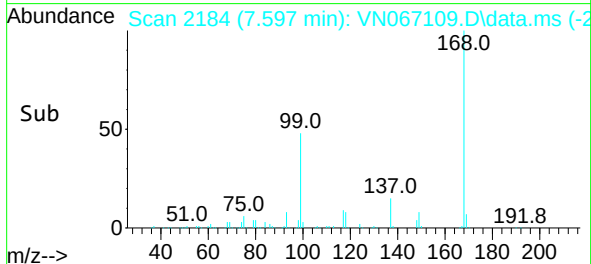
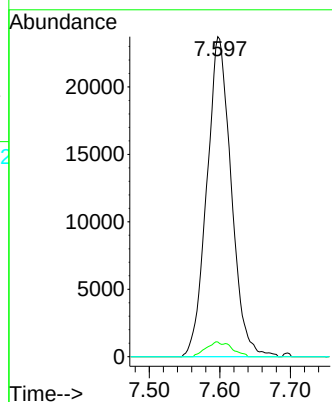
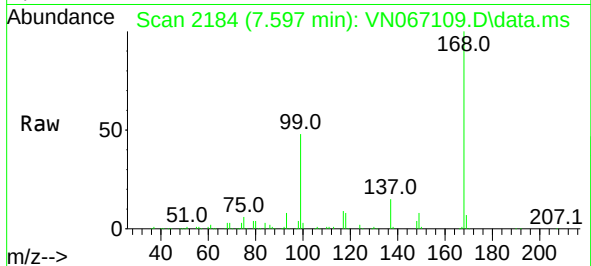




#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.110 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

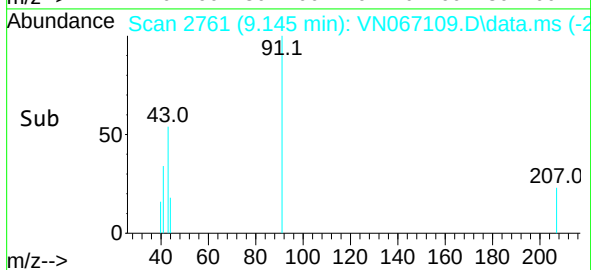
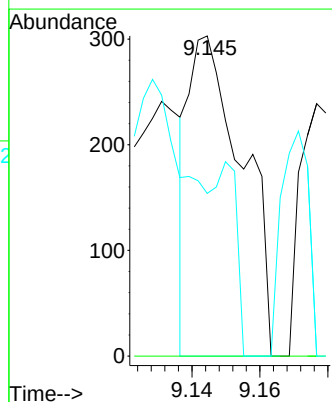
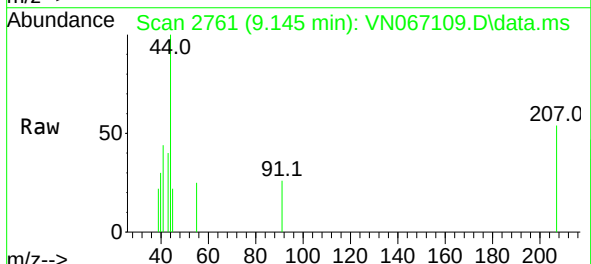
Instrument :
MSVOA_N
ClientSampled :

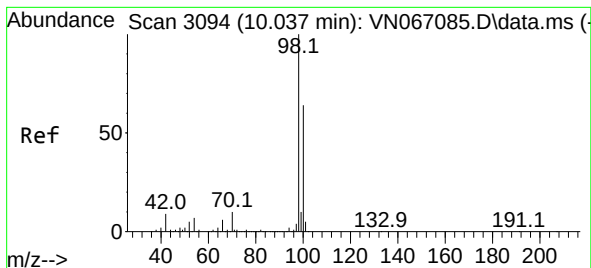
Tgt Ion:117 Resp: 56952
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 2.00 ug/l
RT: 9.145 min Scan# 2761
Delta R.T. 0.003 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

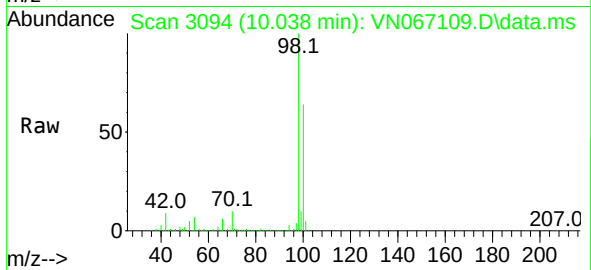
Tgt Ion: 41 Resp: 332
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 24.7 41.4 62.0#



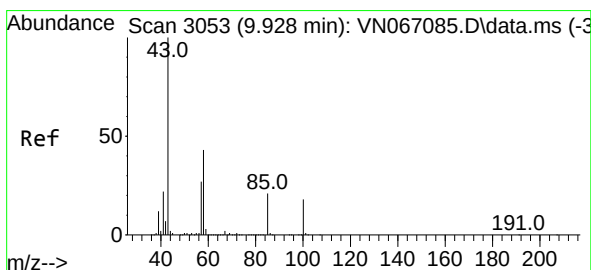
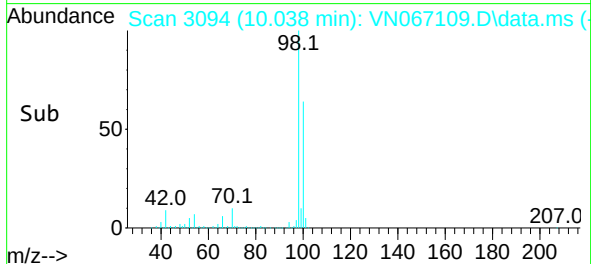
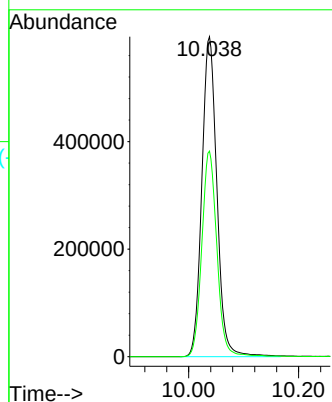


#50
Toluene-d8
Concen: 47.78 ug/l
RT: 10.038 min Scan# 3094
Delta R.T. 0.001 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

Instrument :
MSVOA_N
ClientSampled :

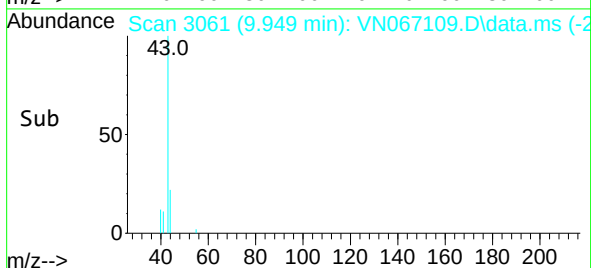
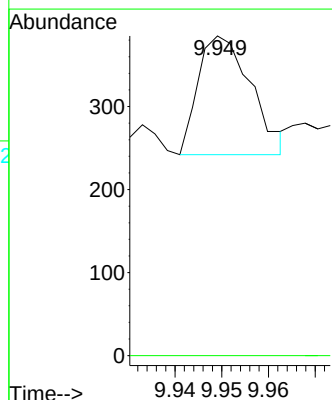
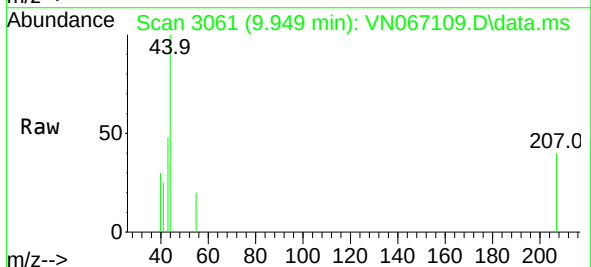


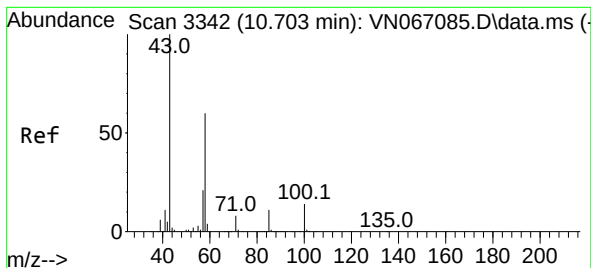
Tgt Ion: 98 Resp: 1129083
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 5.42 ug/l
RT: 9.949 min Scan# 3061
Delta R.T. 0.021 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

Tgt Ion: 43 Resp: 112
Ion Ratio Lower Upper
43 100
58 0.0 34.5 51.7#

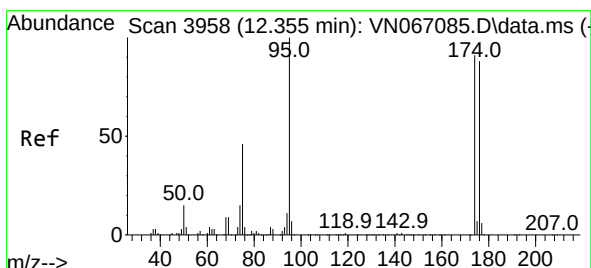
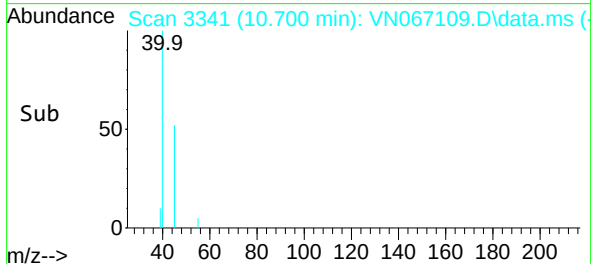
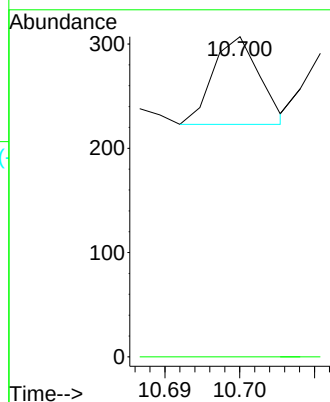
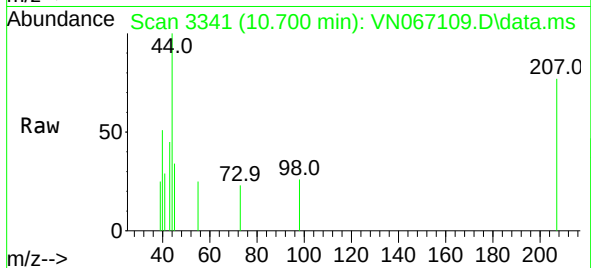




#59
2-Hexanone
Concen: 21.93 ug/l
RT: 10.700 min Scan# 3341
Delta R.T. -0.003 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

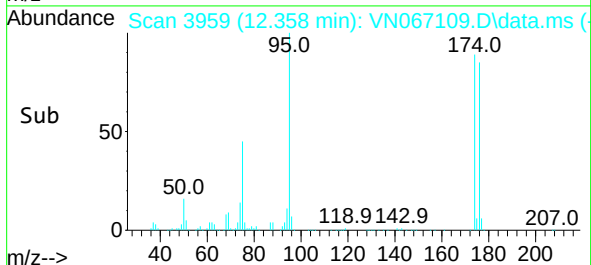
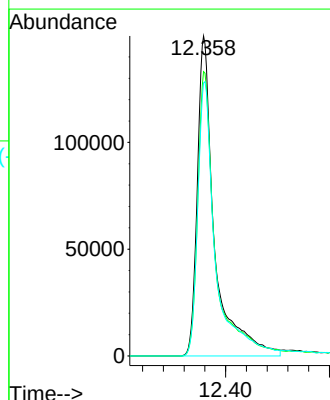
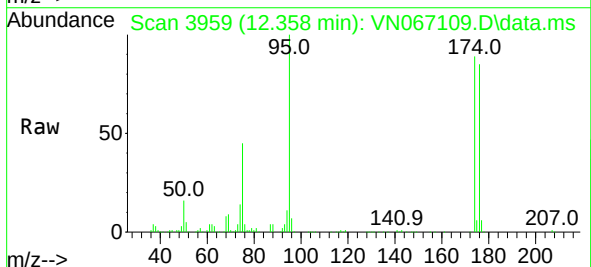
Instrument :
MSVOA_N
ClientSampled :

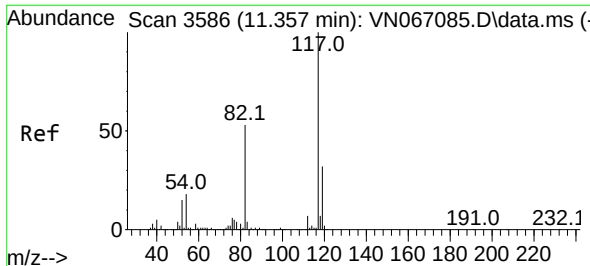
Tgt Ion: 43 Resp: 36
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#



#62
4-Bromofluorobenzene
Concen: 43.85 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

Tgt Ion: 95 Resp: 347150
Ion Ratio Lower Upper
95 100
174 91.0 0.0 182.8
176 87.7 0.0 176.6

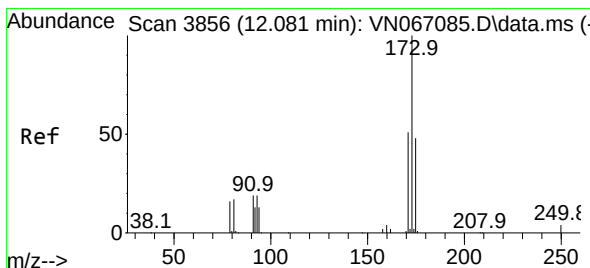
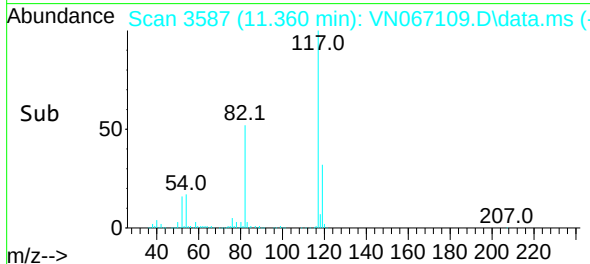
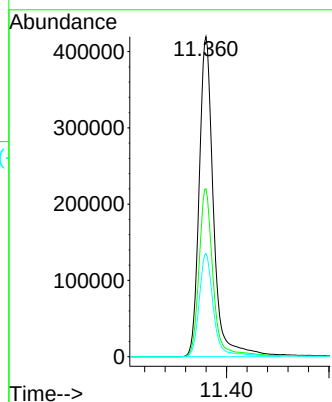
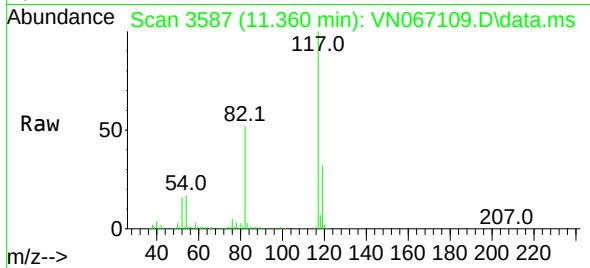




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

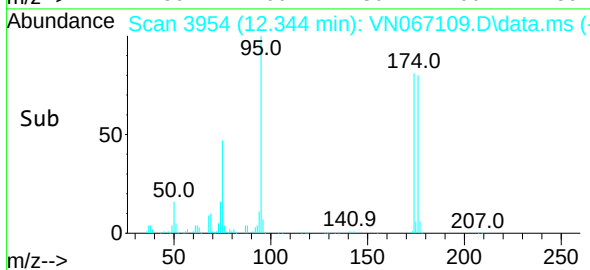
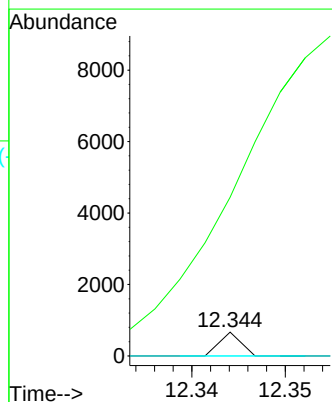
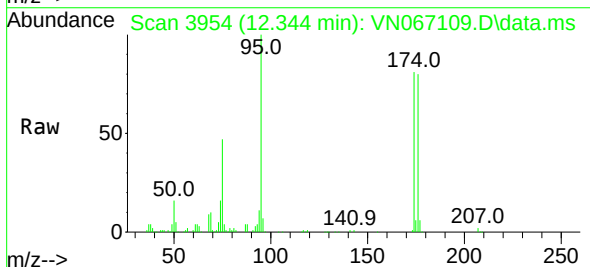
Instrument :
MSVOA_N
ClientSampled :

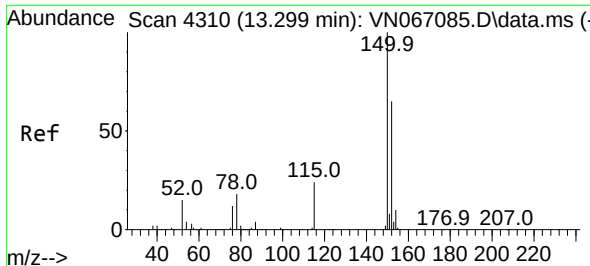
Tgt Ion:117 Resp: 816603
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.2
119 32.3 25.8 38.6



#71
Bromoform
Concen: 1.78 ug/l
RT: 12.344 min Scan# 3954
Delta R.T. 0.263 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

Tgt Ion:173 Resp: 107
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

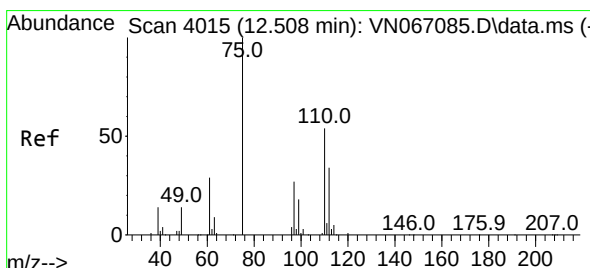
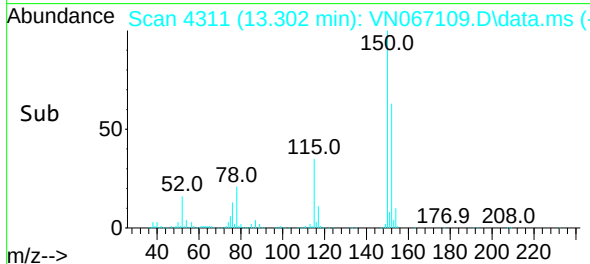
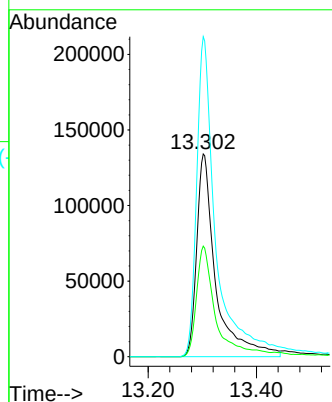
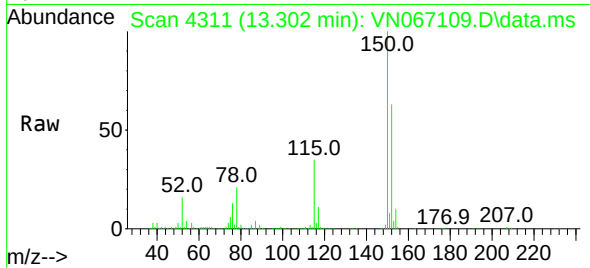




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.302 min Scan# 4311
Delta R.T. 0.003 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

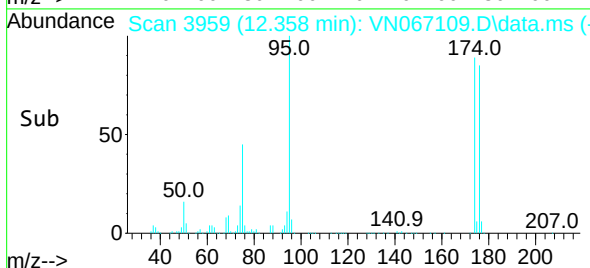
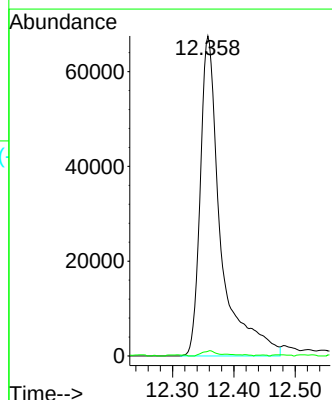
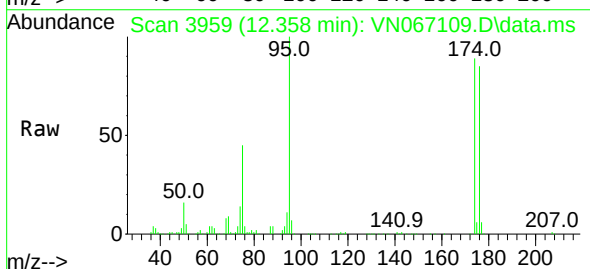
Instrument :
MSVOA_N
ClientSampleId :

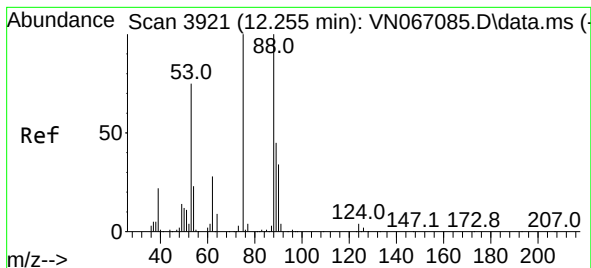
Tgt Ion:152 Resp: 328637
Ion Ratio Lower Upper
152 100
115 54.5 27.0 80.8
150 163.1 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 22.63 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. -0.150 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

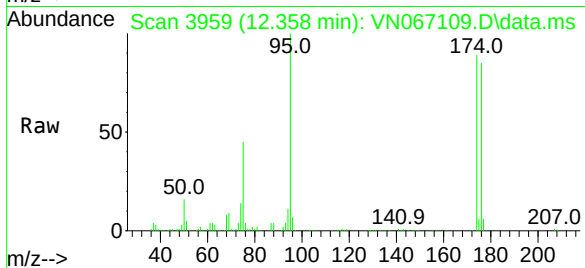
Tgt Ion: 75 Resp: 156922
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



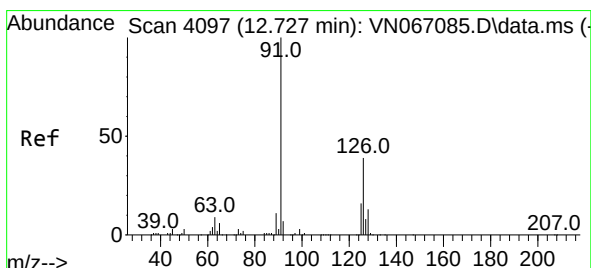
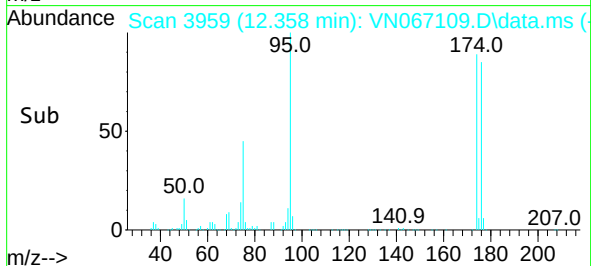
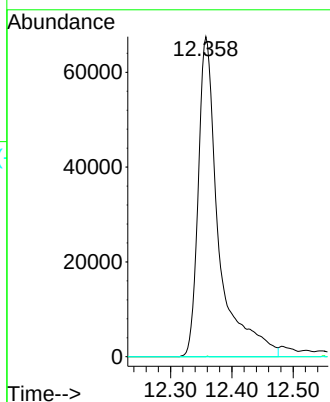


#81
trans-1,4-Dichloro-2-butene
Concen: 67.88 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. 0.102 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

Instrument :
MSVOA_N
ClientSampleId :

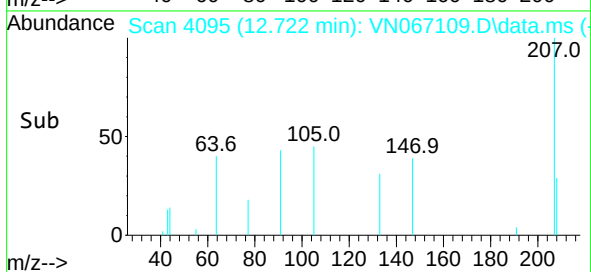
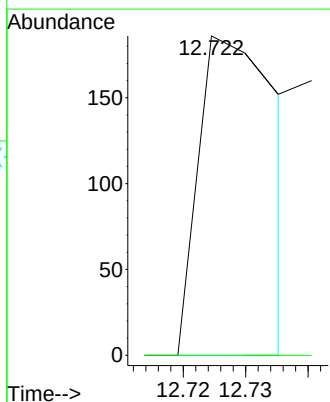
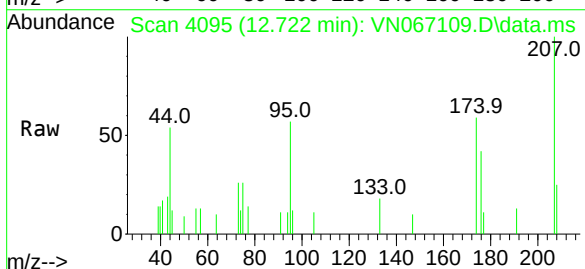


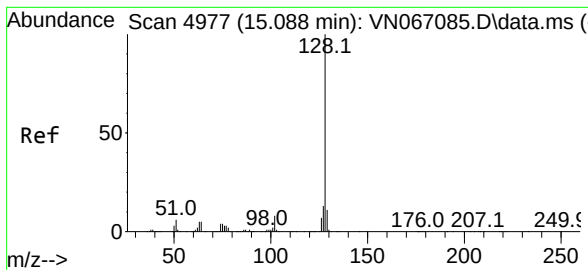
Tgt Ion: 75 Resp: 156922
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 1.19 ug/l
RT: 12.722 min Scan# 4095
Delta R.T. -0.005 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

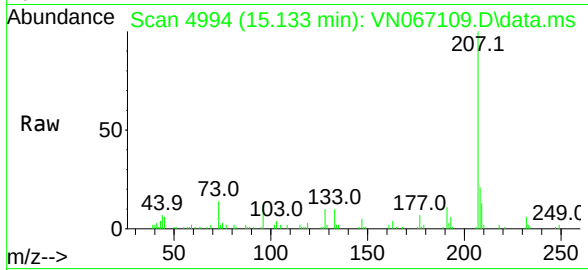
Tgt Ion: 91 Resp: 83
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#





#95
Naphthalene
Concen: 3.54 ug/l
RT: 15.133 min Scan# 4994
Delta R.T. 0.045 min
Lab File: VN067109.D
Acq: 17 May 2021 18:11

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 4283
Ion Ratio Lower Upper
128 100
127 5.1 10.2 15.2#
129 6.4 8.6 13.0#

