

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070056.D
 Acq On : 14 Dec 2021 2:41
 Operator : JC/MD
 Sample : M5007-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 14 07:31:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

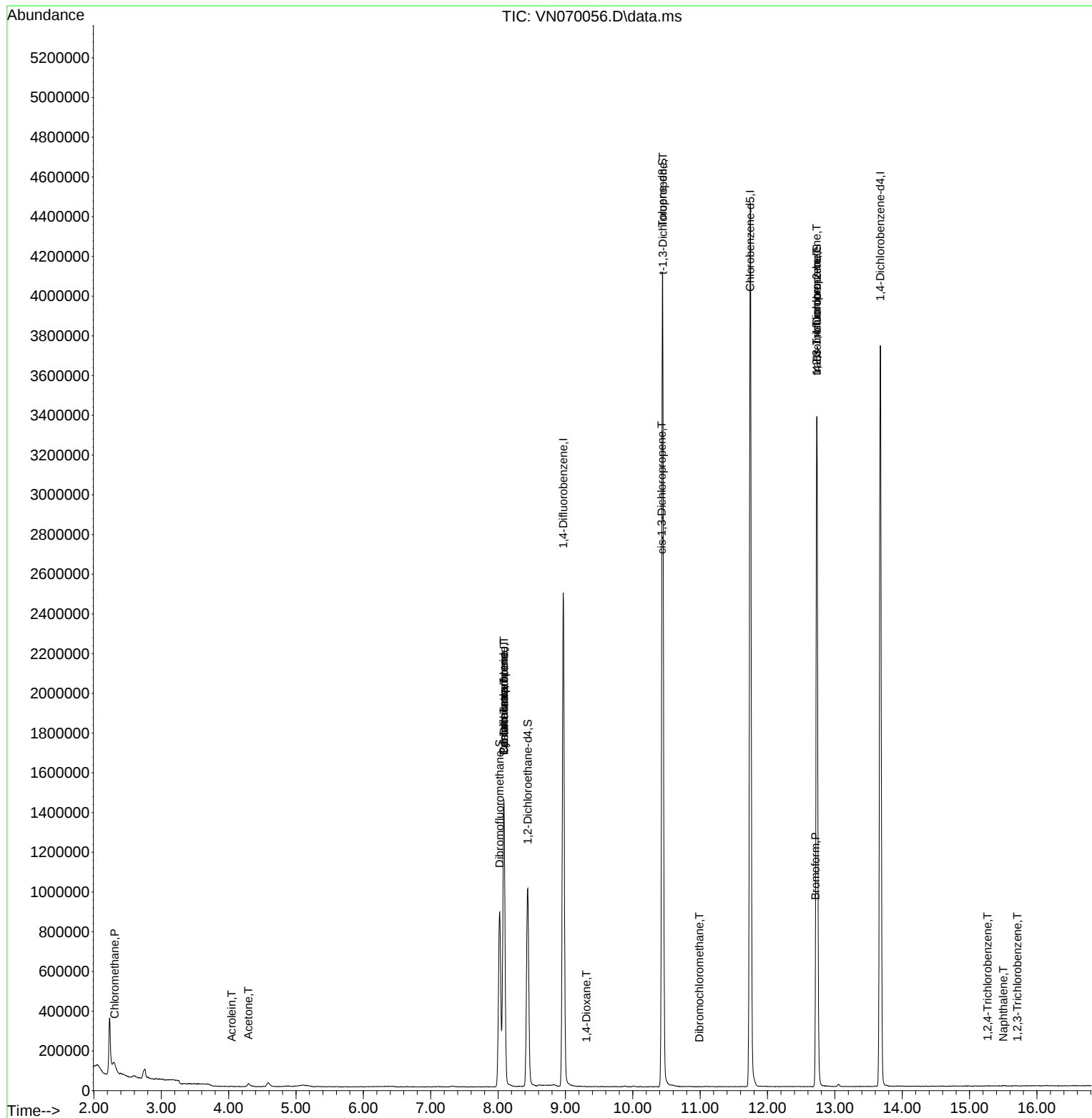
Internal Standards						
1) Pentafluorobenzene	8.086	168	1065860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2060228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2432335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	997312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	880064	53.477	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.960%			
35) Dibromofluoromethane	8.024	113	642389	49.779	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.560%			
50) Toluene-d8	10.440	98	2753702	53.143	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.280%			
62) 4-Bromofluorobenzene	12.733	95	1193298	63.567	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 127.140%			
Target Compounds						Qvalue
3) Chloromethane	2.306	50	4893	0.314	ug/l	93
13) Acrolein	4.044	56	791	0.299	ug/l #	69
16) Acetone	4.293	43	22928	2.316	ug/l	90
31) Cyclohexane	8.086	56	28112	1.227	ug/l #	29
36) 1,1-Dichloropropene	8.086	75	92548	4.719	ug/l #	49
38) Carbon Tetrachloride	8.086	117	109969	5.718	ug/l #	16
49) 1,4-Dioxane	9.311	88	84	0.232	ug/l #	1
53) t-1,3-Dichloropropene	10.446	75	669	2.820	ug/l #	1
54) cis-1,3-Dichloropropene	10.430	75	101	2.003	ug/l #	1
60) Dibromochloromethane	10.987	129	49	2.379	ug/l #	11
71) Bromoform	12.712	173	541	2.765	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	666308	23.297	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	666308	74.116	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	188	2.889	ug/l #	12
95) Naphthalene	15.501	128	1782	4.019	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.708	180	275	2.452	ug/l	70

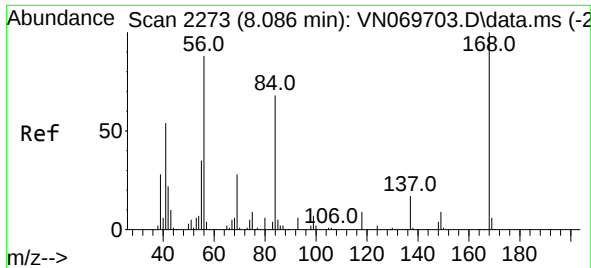
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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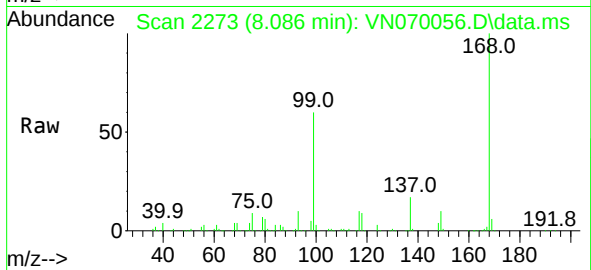
Quant Time: Dec 14 07:31:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



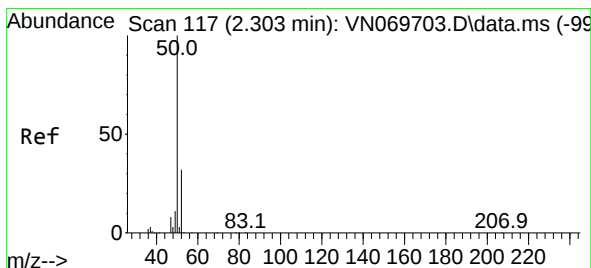
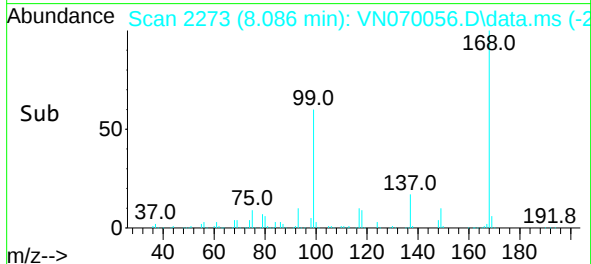
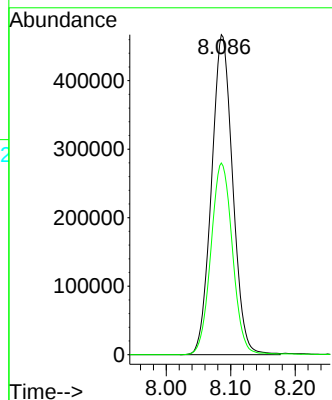


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

Instrument :
MSVOA_N
ClientSampleId :

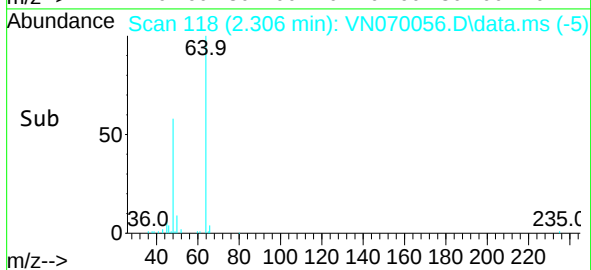
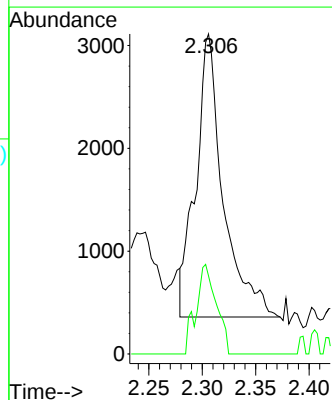
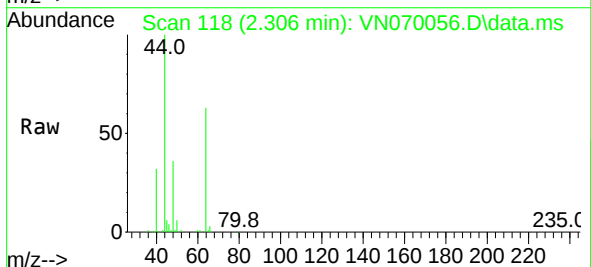


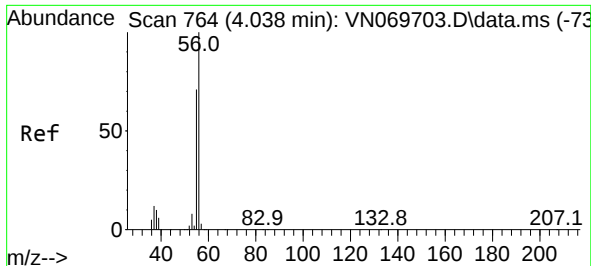
Tgt Ion:168 Resp: 1065860
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#3
Chloromethane
Concen: 0.314 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

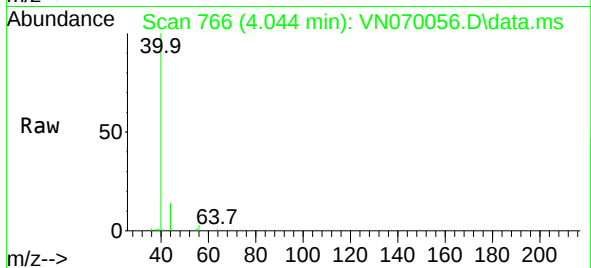
Tgt Ion: 50 Resp: 4893
Ion Ratio Lower Upper
50 100
52 27.6 25.4 38.0



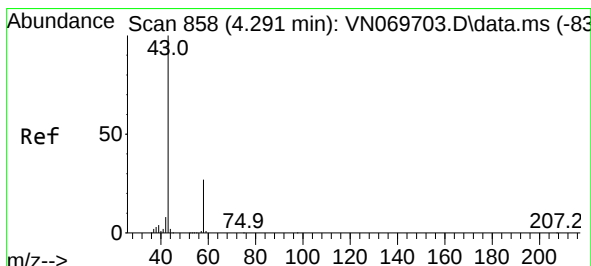
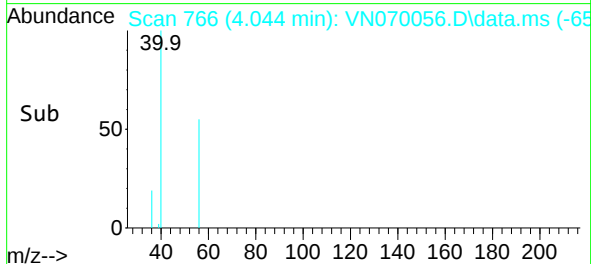
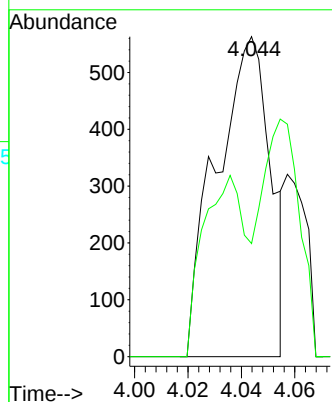


#13
Acrolein
Concen: 0.299 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

Instrument :
MSVOA_N
ClientSampleId :

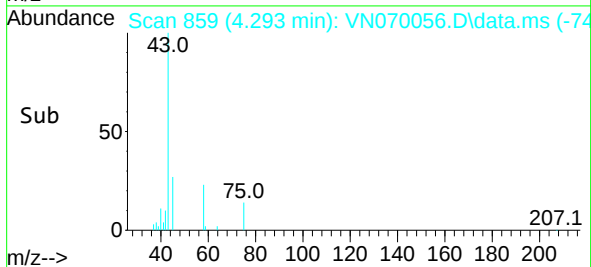
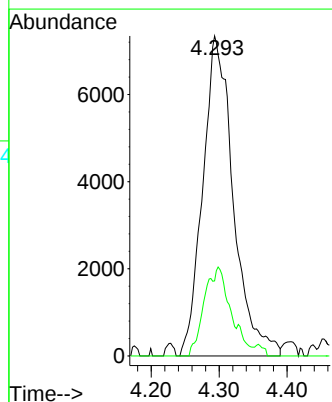
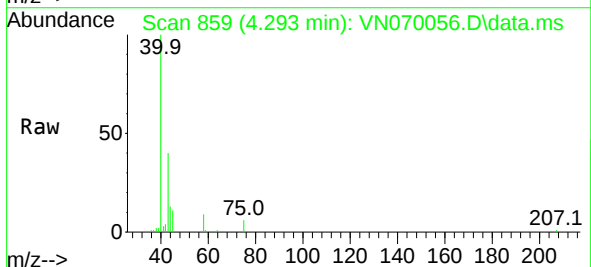


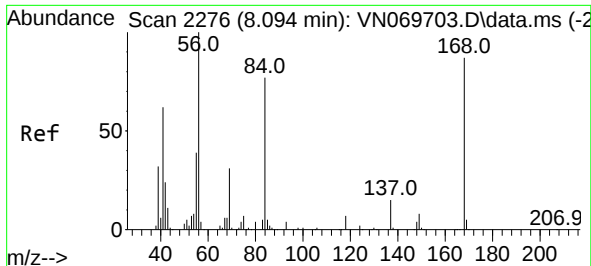
Tgt Ion: 56 Resp: 791
Ion Ratio Lower Upper
56 100
55 44.9 56.6 85.0#



#16
Acetone
Concen: 2.316 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

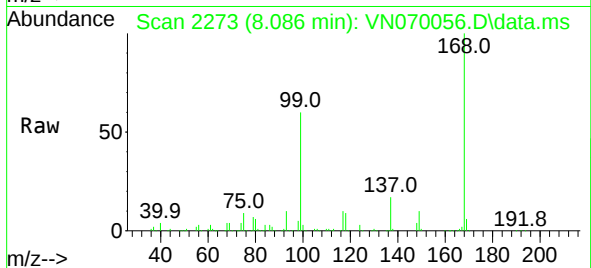
Tgt Ion: 43 Resp: 22928
Ion Ratio Lower Upper
43 100
58 23.5 23.1 34.7



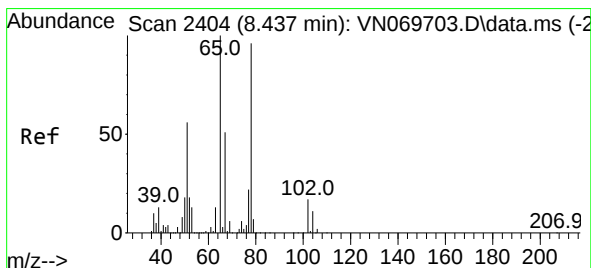
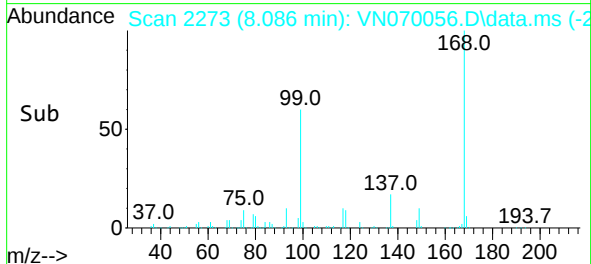
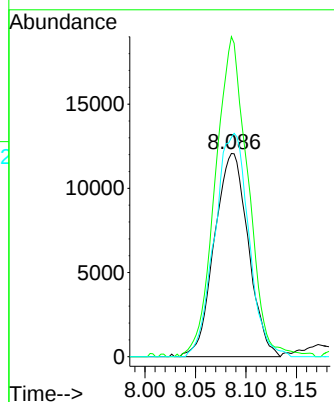


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

Instrument :
MSVOA_N
ClientSampleId :

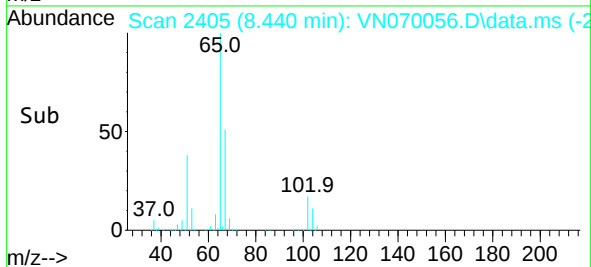
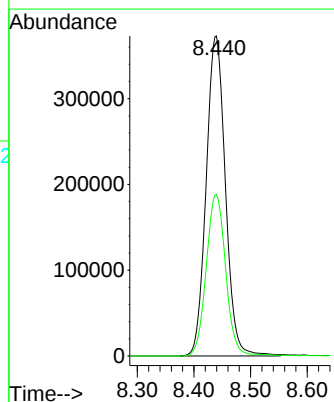
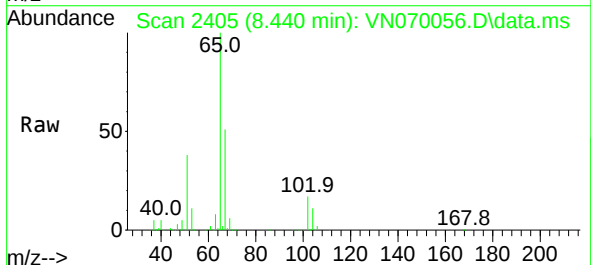


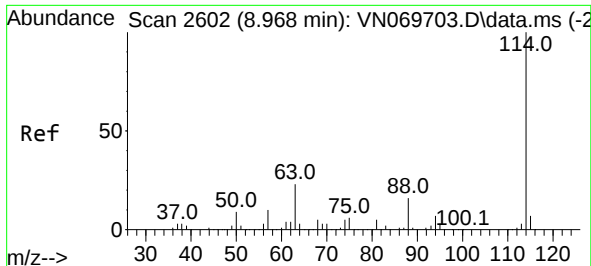
Tgt Ion: 56 Resp: 28112
Ion Ratio Lower Upper
56 100
69 157.4 27.1 40.7#
84 107.8 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 53.477 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

Tgt Ion: 65 Resp: 880064
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0

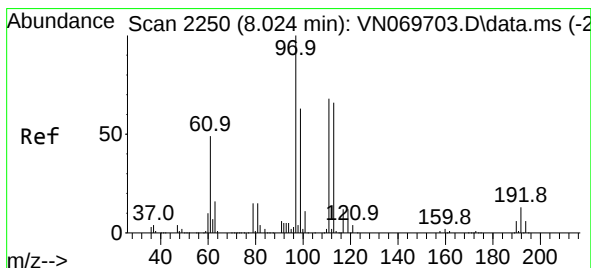
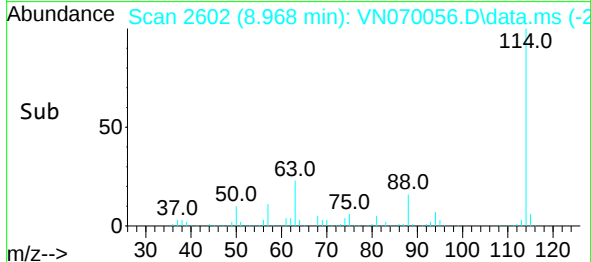
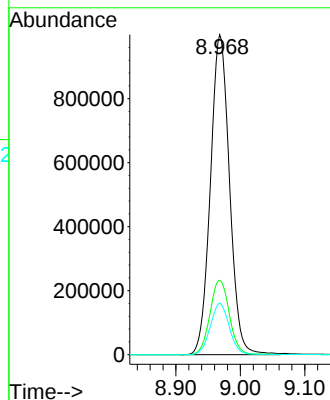
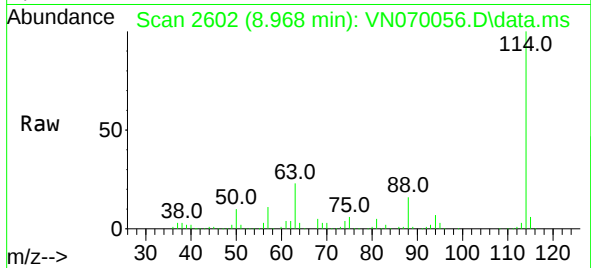




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

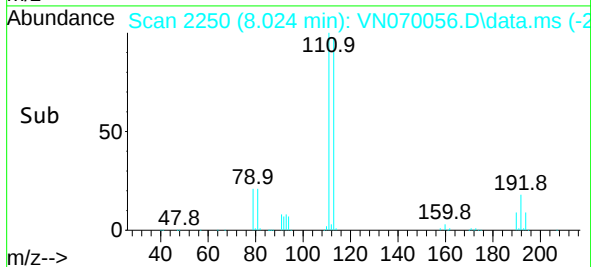
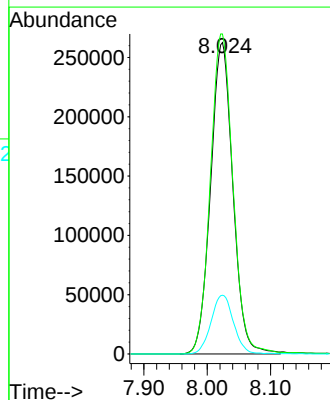
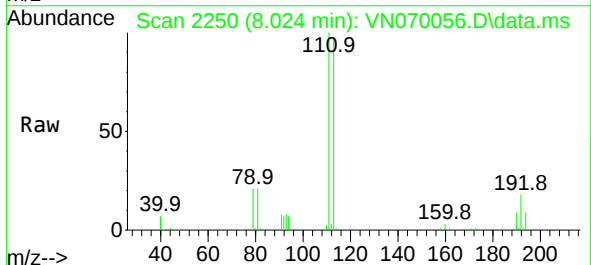
Instrument :
MSVOA_N
ClientSampleId :

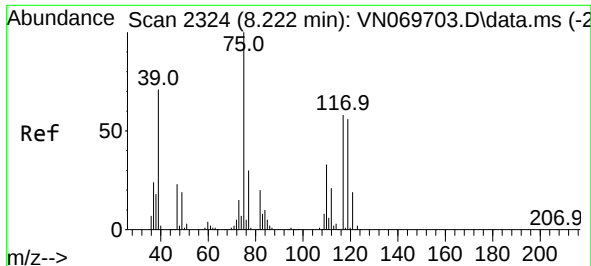
Tgt Ion:114 Resp: 2060228
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.779 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

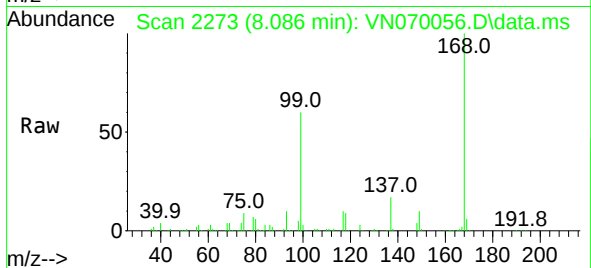
Tgt Ion:113 Resp: 642389
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 19.0 16.9 25.3



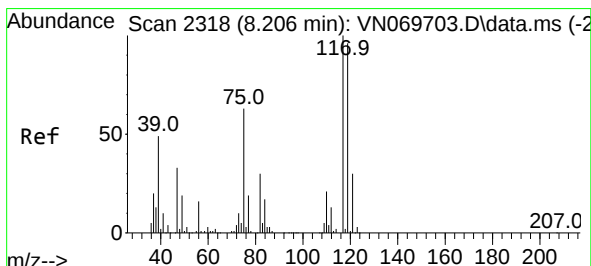
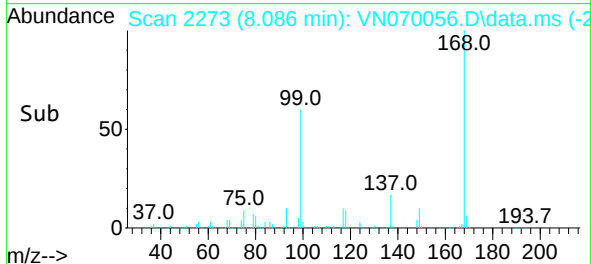
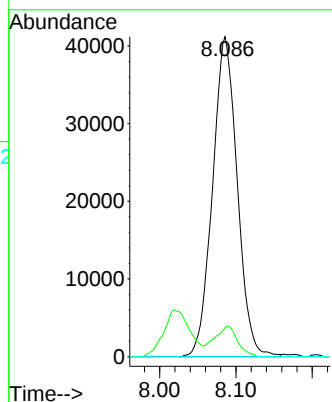


#36
1,1-Dichloropropene
Concen: 4.719 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.137 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

Instrument :
MSVOA_N
ClientSampleId :

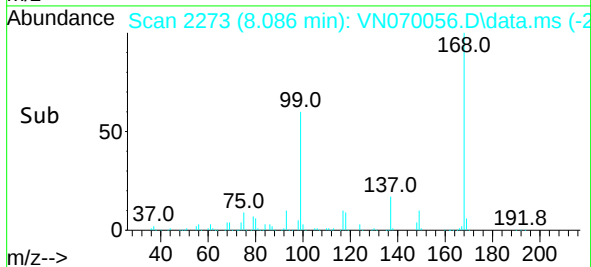
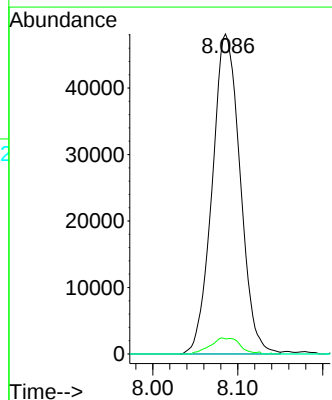
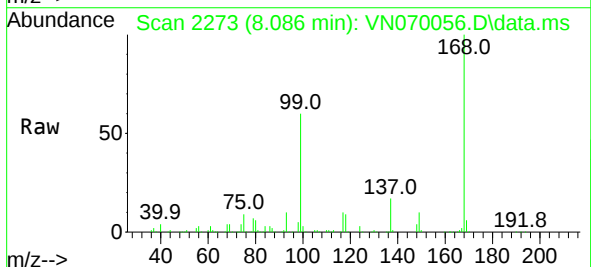


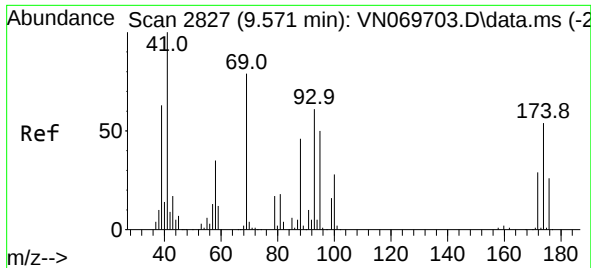
Tgt Ion: 75 Resp: 92548
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.718 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

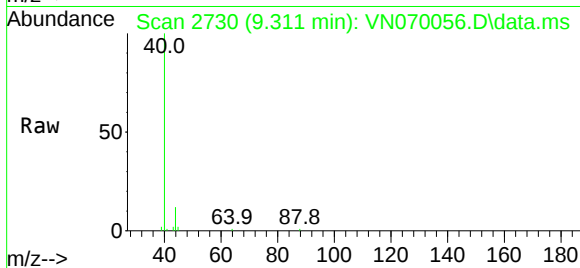
Tgt Ion: 117 Resp: 109969
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#



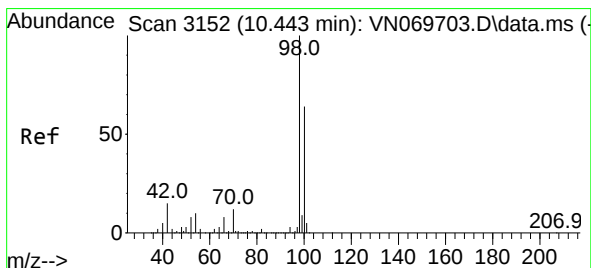
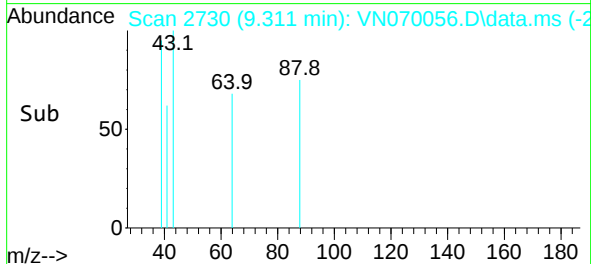
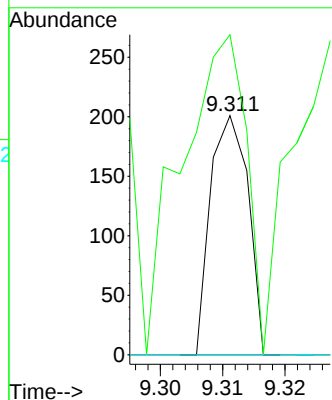


#49
1,4-Dioxane
Concen: 0.232 ug/l
RT: 9.311 min Scan# 21
Delta R.T. -0.260 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

Instrument :
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ClientSampleId :

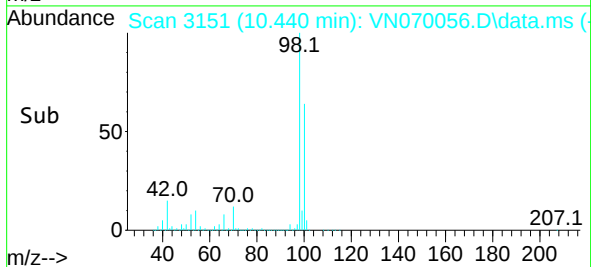
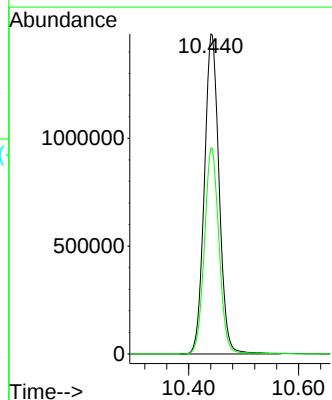
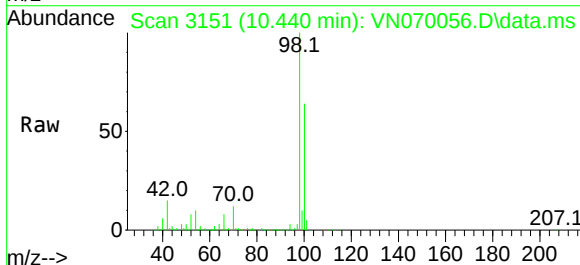


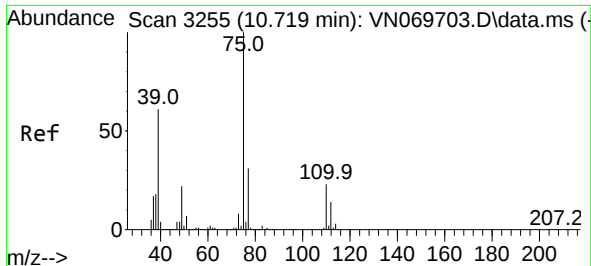
Tgt Ion: 88 Resp: 84
Ion Ratio Lower Upper
88 100
43 231.0 23.4 35.2#
58 0.0 50.6 75.8#



#50
Toluene-d8
Concen: 53.143 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

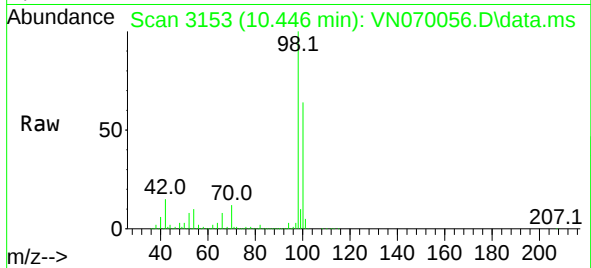
Tgt Ion: 98 Resp: 2753702
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



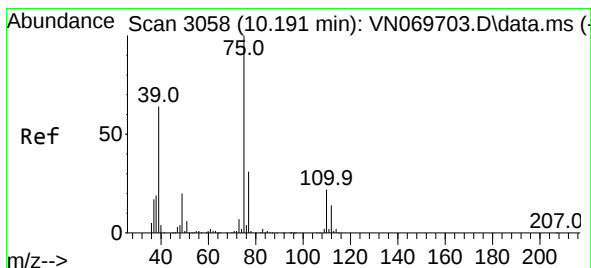
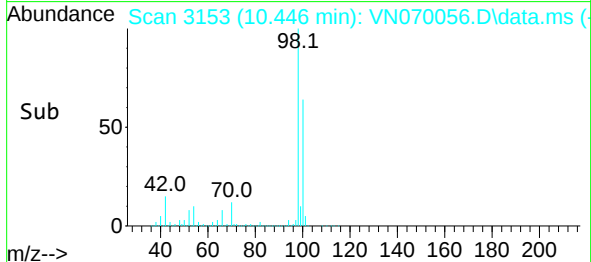
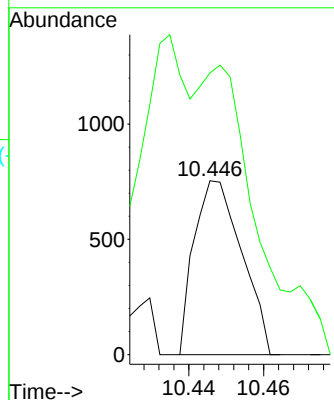


#53
t-1,3-Dichloropropene
Concen: 2.820 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.273 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

Instrument :
MSVOA_N
ClientSampleId :

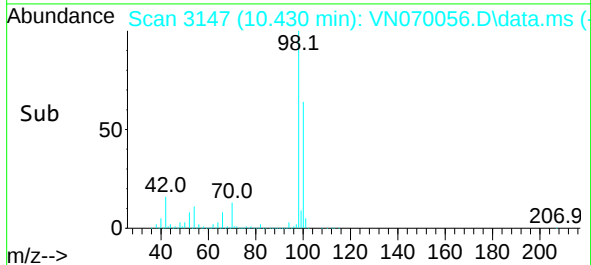
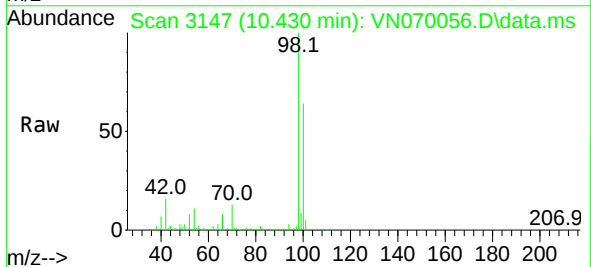
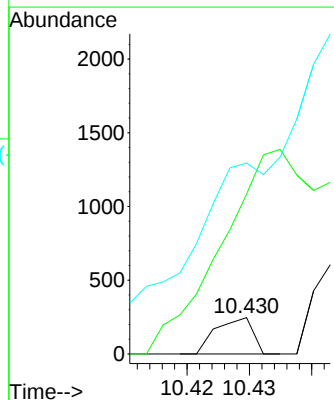


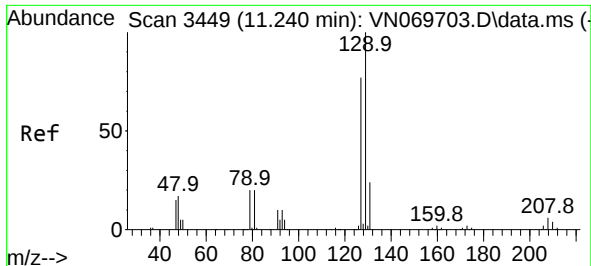
Tgt Ion: 75 Resp: 669
Ion Ratio Lower Upper
75 100
77 124.9 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.003 ug/l
RT: 10.430 min Scan# 3147
Delta R.T. 0.239 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

Tgt Ion: 75 Resp: 101
Ion Ratio Lower Upper
75 100
77 333.3 26.4 39.6#
39 303.3 42.5 63.7#

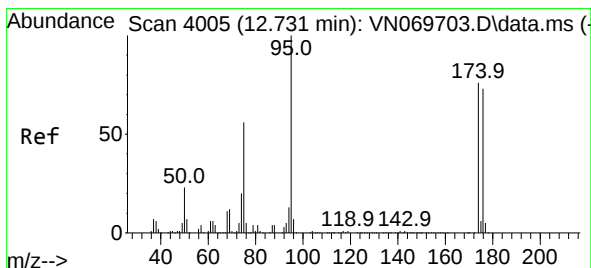
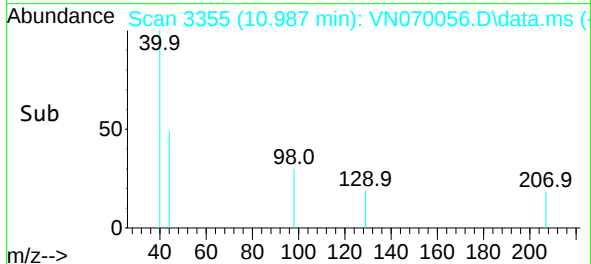
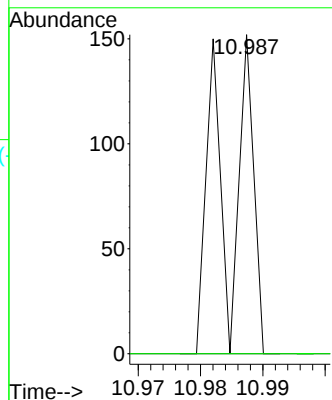
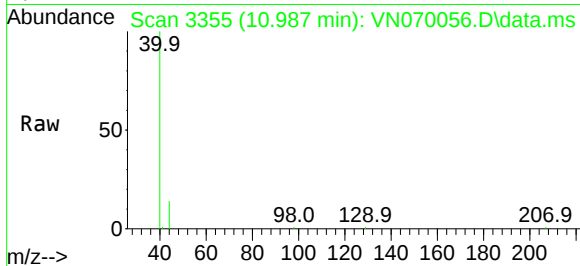




#60
Dibromochloromethane
Concen: 2.379 ug/l
RT: 10.987 min Scan# 31
Delta R.T. -0.253 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

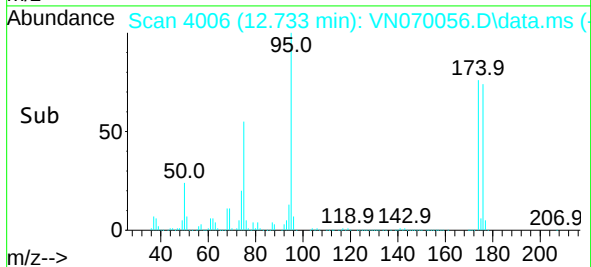
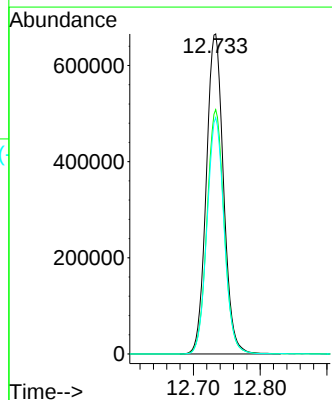
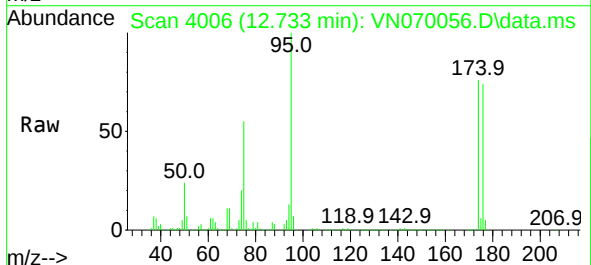
Instrument :
MSVOA_N
ClientSampleId :

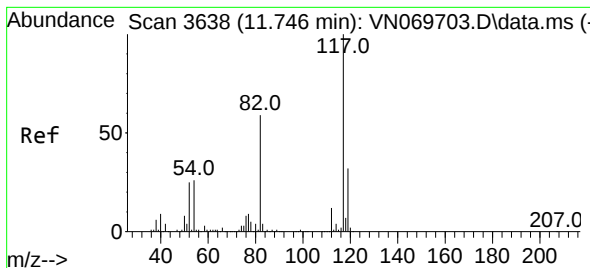
Tgt Ion:129 Resp: 49
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 63.567 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

Tgt Ion: 95 Resp: 1193298
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.1 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 30

Delta R.T. -0.002 min

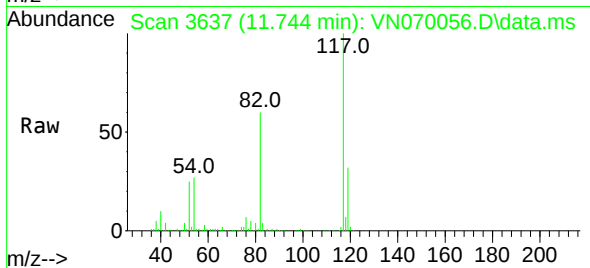
Lab File: VN070056.D

Acq: 14 Dec 2021 2:41

Instrument :

MSVOA_N

ClientSampleId :



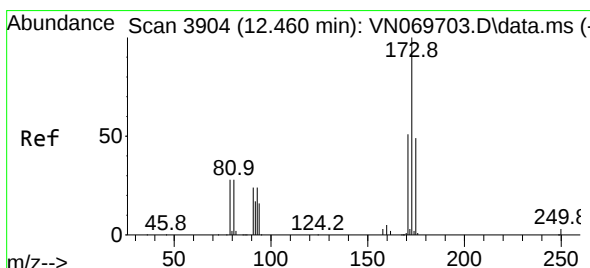
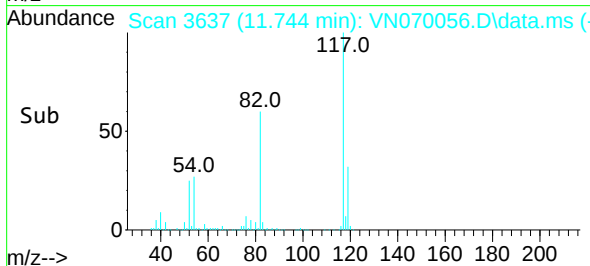
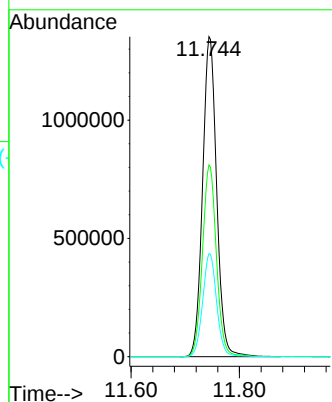
Tgt Ion:117 Resp: 2432335

Ion Ratio Lower Upper

117 100

82 59.9 42.4 63.6

119 32.2 25.4 38.2



#71

Bromoform

Concen: 2.765 ug/l

RT: 12.712 min Scan# 3998

Delta R.T. 0.252 min

Lab File: VN070056.D

Acq: 14 Dec 2021 2:41

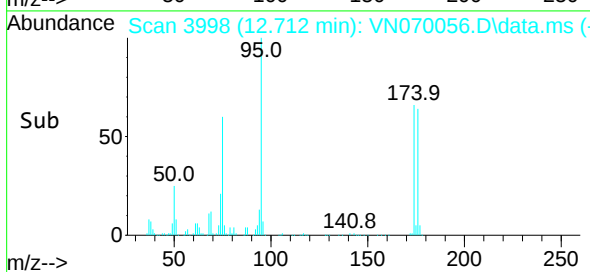
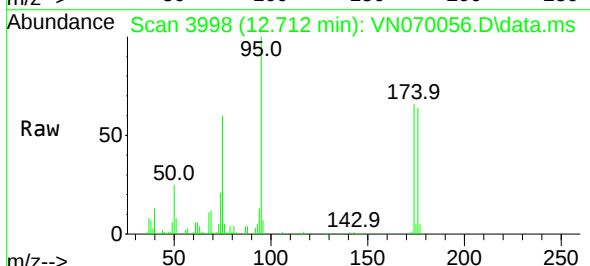
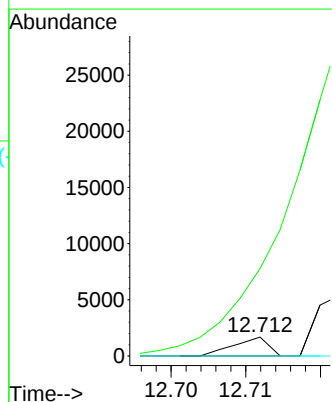
Tgt Ion:173 Resp: 541

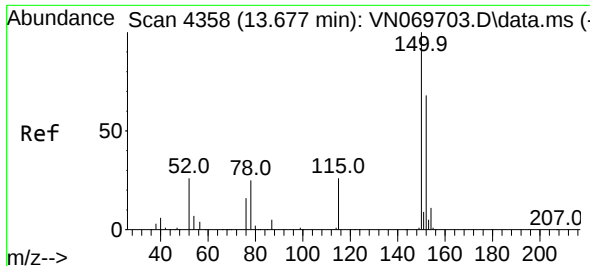
Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

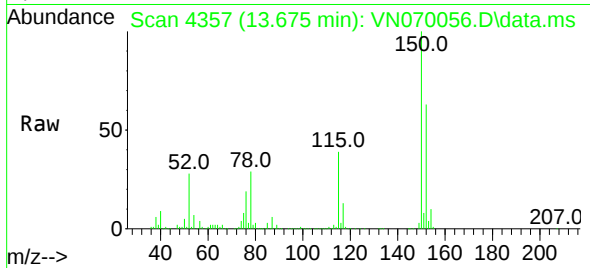
254 0.0 0.0 0.0



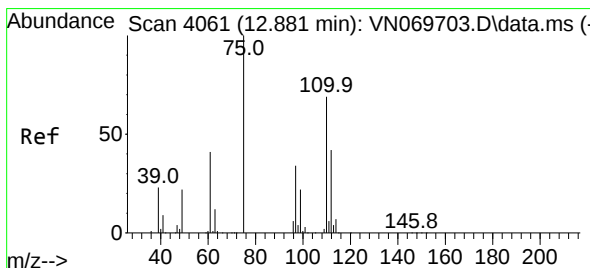
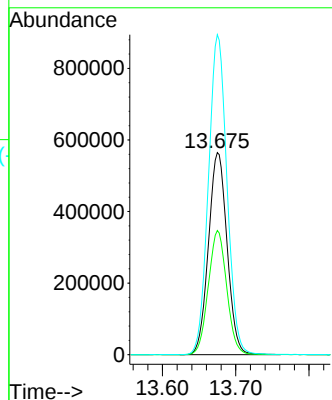
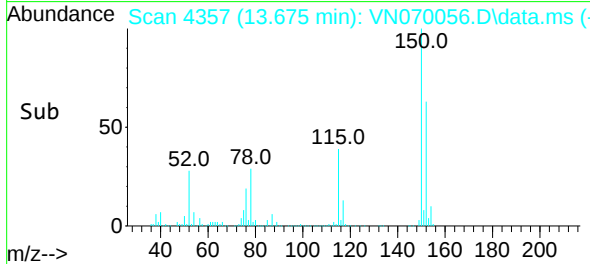


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070056.D
 Acq: 14 Dec 2021 2:41

Instrument :
 MSVOA_N
 ClientSampleId :

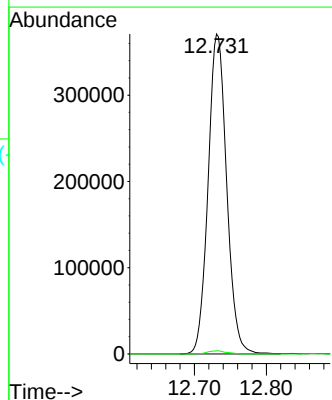
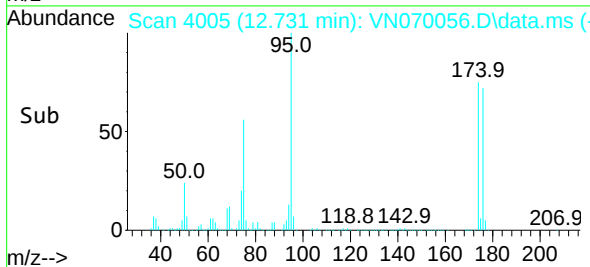
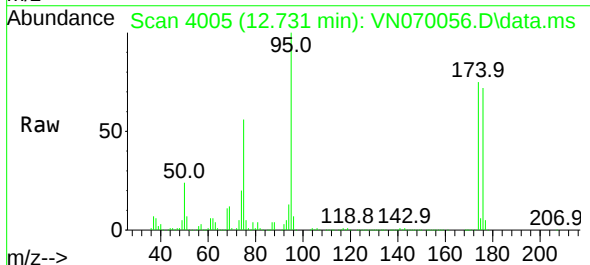


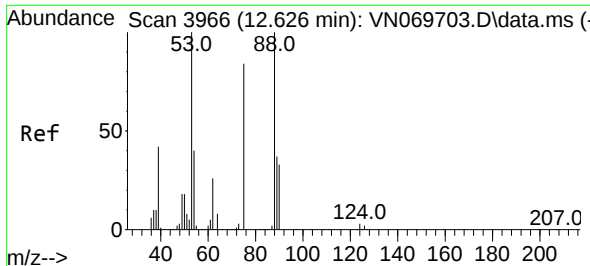
Tgt Ion:152 Resp: 997312
 Ion Ratio Lower Upper
 152 100
 115 60.8 27.5 82.5
 150 157.5 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 23.297 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.150 min
 Lab File: VN070056.D
 Acq: 14 Dec 2021 2:41

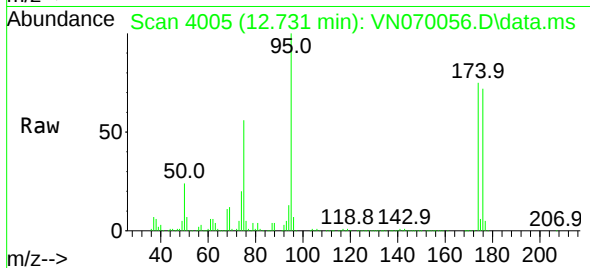
Tgt Ion: 75 Resp: 666308
 Ion Ratio Lower Upper
 75 100
 77 1.0 82.6 247.8#



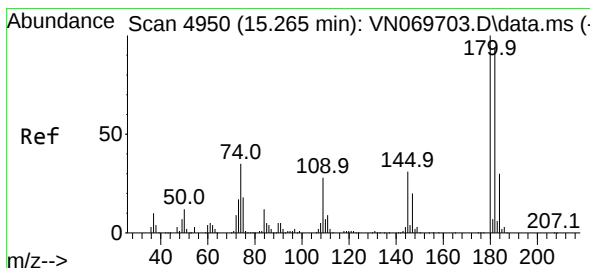
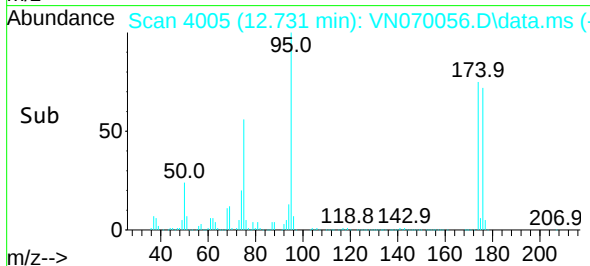
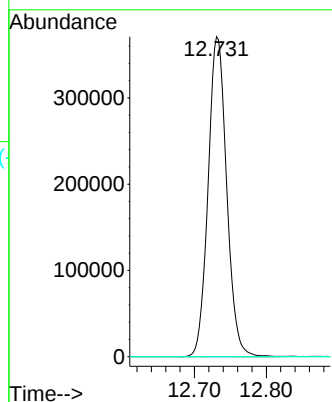


#81
trans-1,4-Dichloro-2-butene
Concen: 74.116 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

Instrument :
MSVOA_N
ClientSampleId :

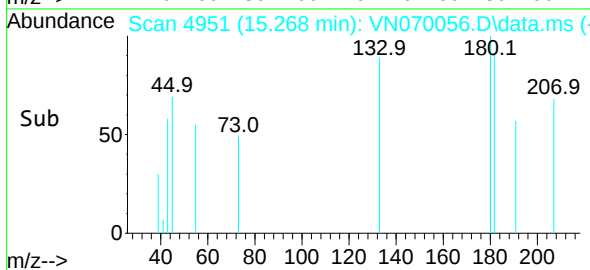
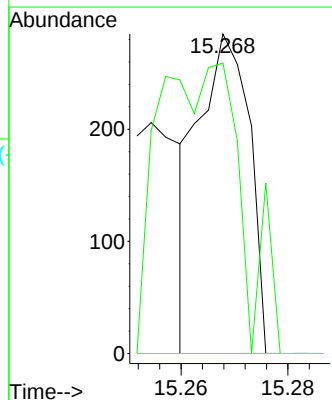
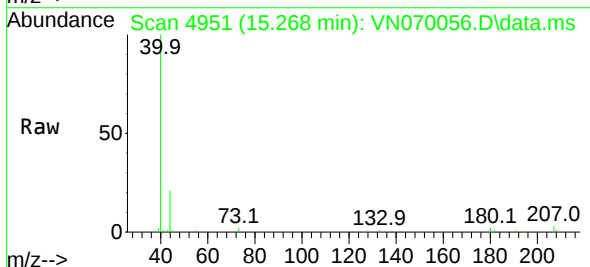


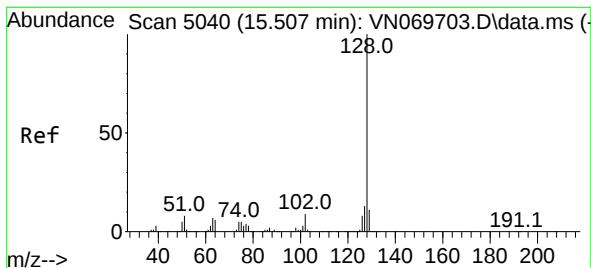
Tgt Ion: 75 Resp: 666308
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.889 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

Tgt Ion:180 Resp: 188
Ion Ratio Lower Upper
180 100
182 0.0 48.3 144.9#
145 0.0 14.5 43.5#





#95

Naphthalene

Concen: 4.019 ug/l

RT: 15.501 min Scan# 5040

Delta R.T. -0.006 min

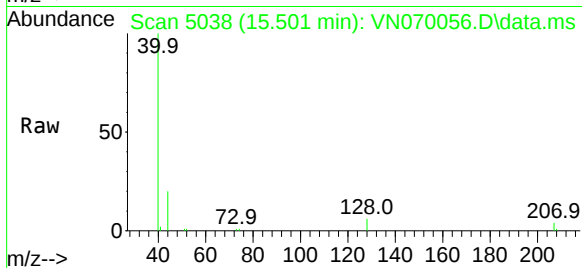
Lab File: VN070056.D

Acq: 14 Dec 2021 2:41

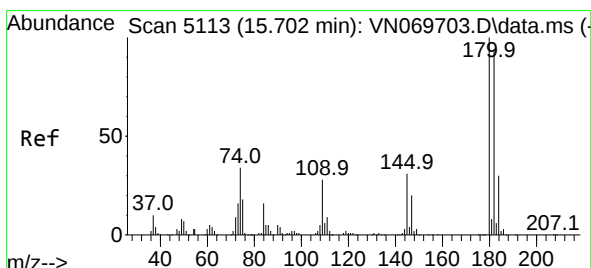
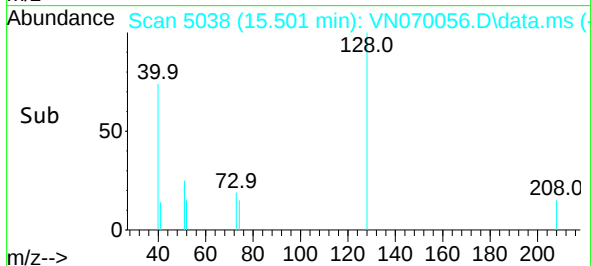
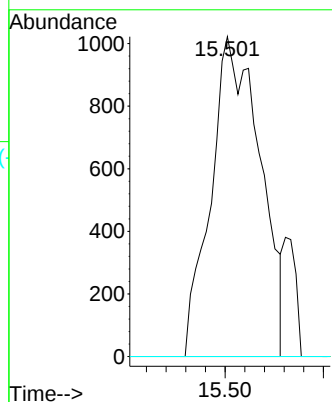
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	1782
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#



#96

1,2,3-Trichlorobenzene

Concen: 2.452 ug/l

RT: 15.708 min Scan# 5115

Delta R.T. 0.006 min

Lab File: VN070056.D

Acq: 14 Dec 2021 2:41

Tgt Ion:	180	Resp:	275
Ion Ratio	Lower	Upper	
180	100		
182	127.3	47.4	142.2
145	18.9	15.0	45.1

