

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070184.D
 Acq On : 18 Dec 2021 00:42
 Operator : JC/MD
 Sample : M5128-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Dec 18 06:02:04 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)

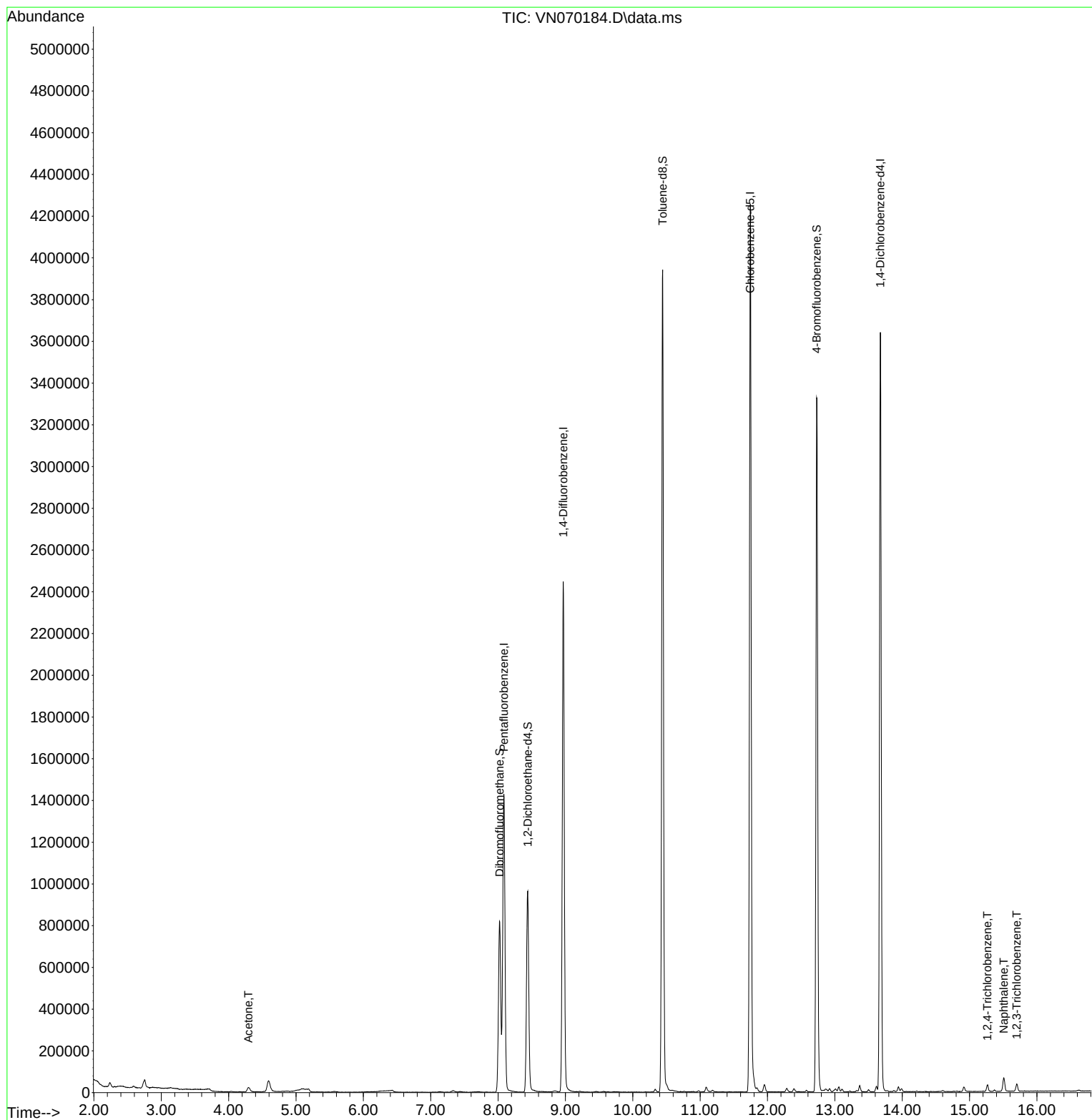
Internal Standards						
1) Pentafluorobenzene	8.088	168	1082977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2036632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2360605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	966056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	839046	50.179	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.360%
35) Dibromofluoromethane	8.021	113	596177	46.733	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.460%
50) Toluene-d8	10.443	98	2686761	52.452	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.900%
62) 4-Bromofluorobenzene	12.731	95	1183569	63.779	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	127.560%
Target Compounds						
						Qvalue
16) Acetone	4.293	43	39447	3.922	ug/l	94
93) 1,2,4-Trichlorobenzene	15.265	180	10455	3.500	ug/l	98
95) Naphthalene	15.507	128	63420	5.221	ug/l	98
96) 1,2,3-Trichlorobenzene	15.700	180	12706	3.218	ug/l	98

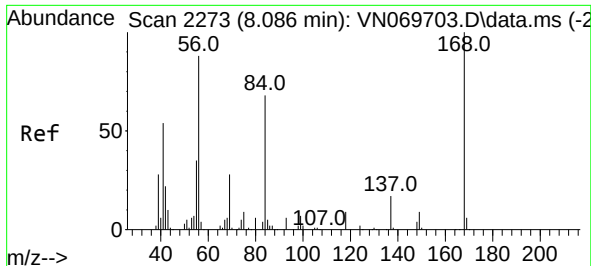
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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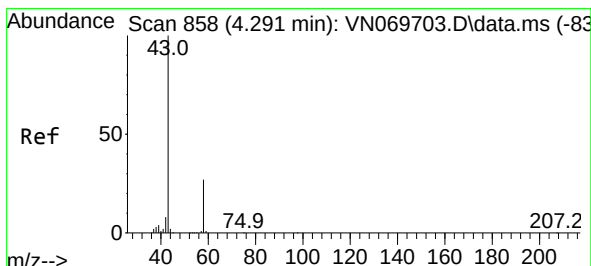
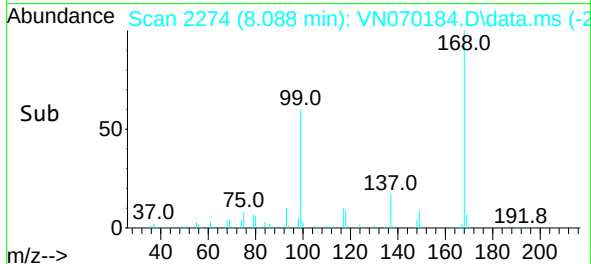
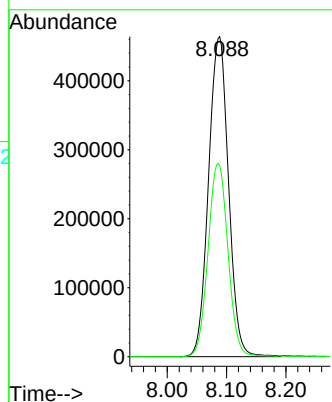
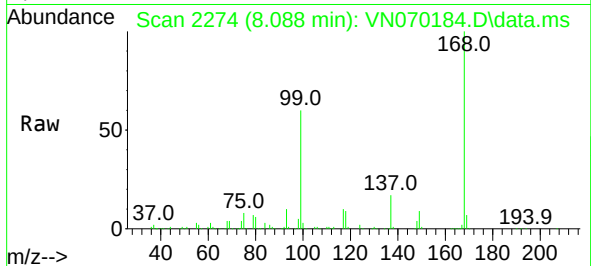




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070184.D
Acq: 18 Dec 2021 00:42

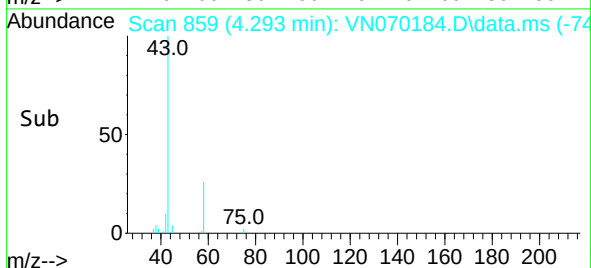
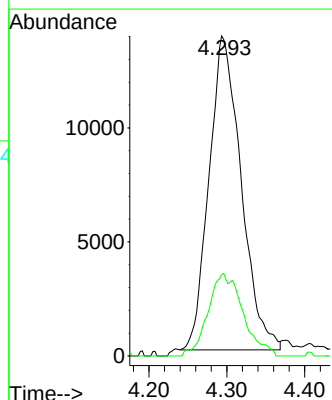
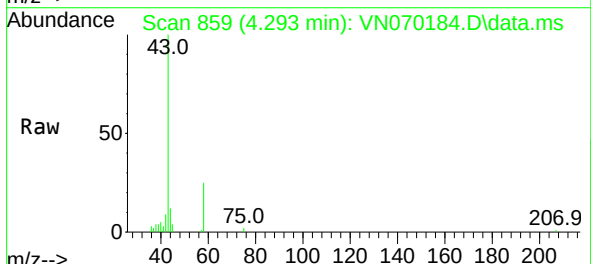
Instrument :
MSVOA_N
ClientSampleId :
MW-1

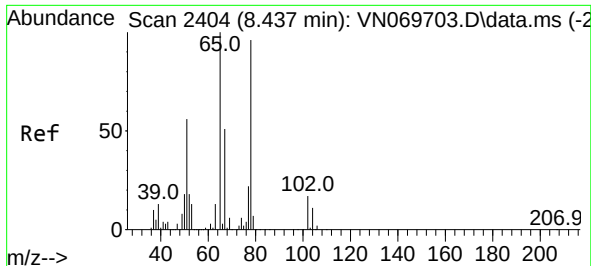
Tgt Ion:168 Resp: 1082977
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9



#16
Acetone
Concen: 3.922 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070184.D
Acq: 18 Dec 2021 00:42

Tgt Ion: 43 Resp: 39447
Ion Ratio Lower Upper
43 100
58 25.9 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 50.179 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070184.D

Acq: 18 Dec 2021 00:42

Instrument :

MSVOA_N

ClientSampleId :

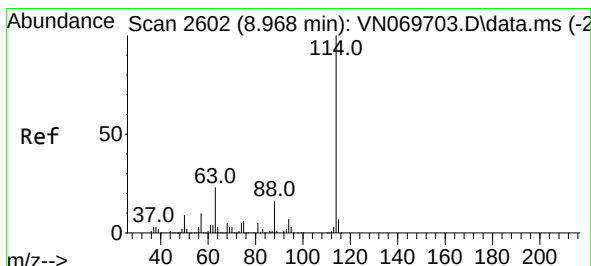
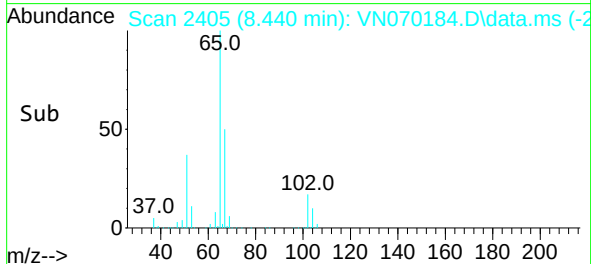
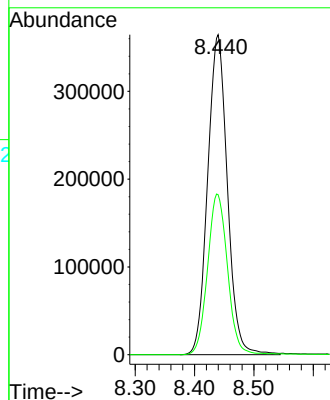
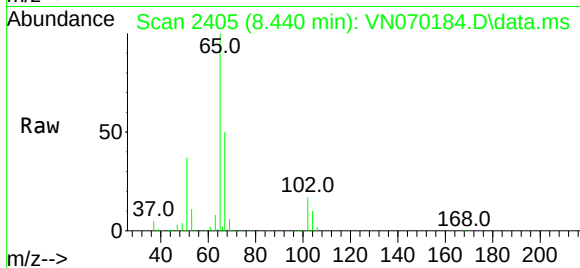
MW-1

Tgt Ion: 65 Resp: 839046

Ion Ratio Lower Upper

65 100

67 50.7 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: VN070184.D

Acq: 18 Dec 2021 00:42

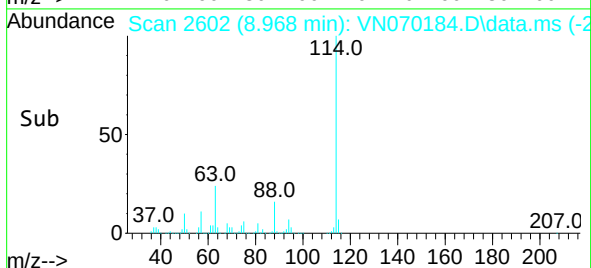
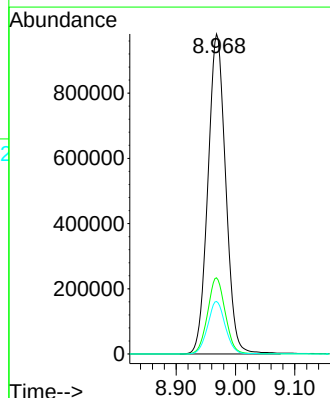
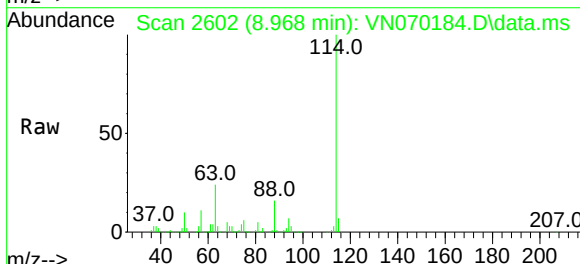
Tgt Ion: 114 Resp: 2036632

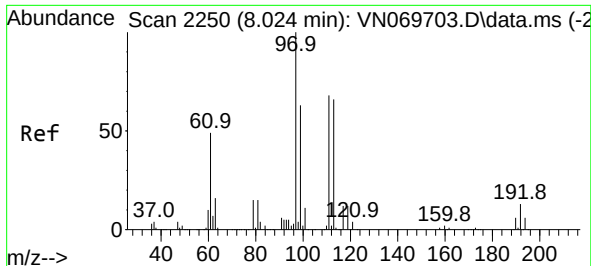
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.4 0.0 27.4

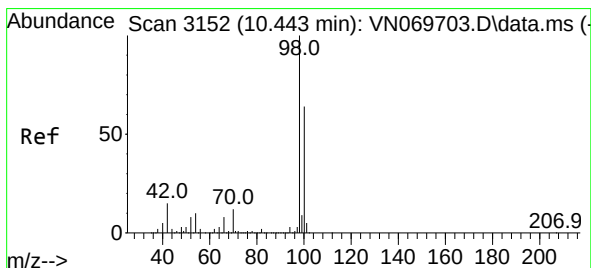
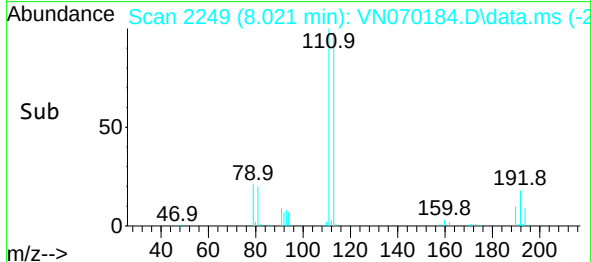
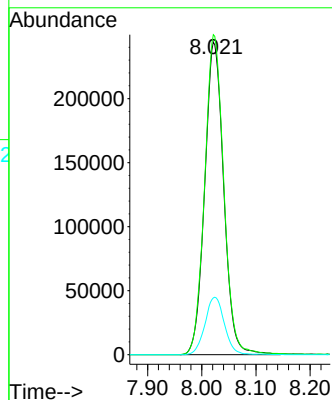
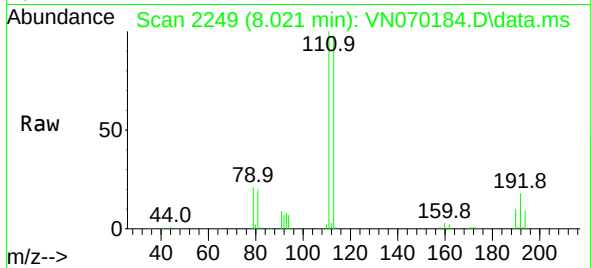




#35
 Dibromofluoromethane
 Concen: 46.733 ug/l
 RT: 8.021 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VN070184.D
 Acq: 18 Dec 2021 00:42

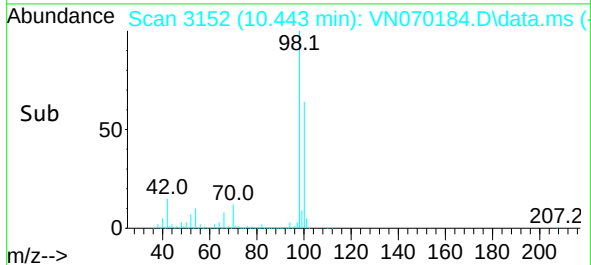
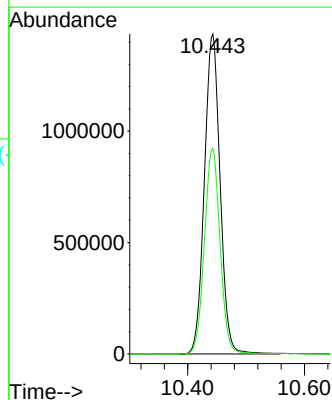
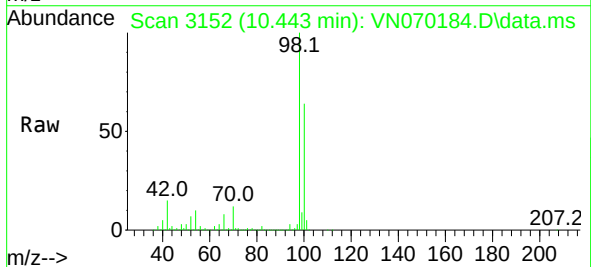
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

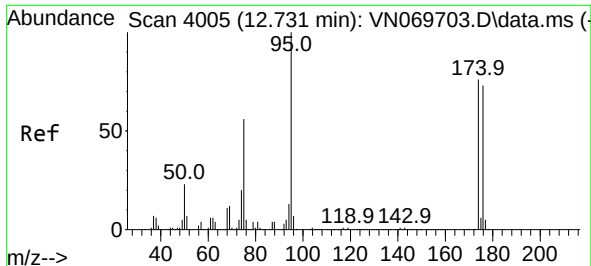
Tgt Ion:113 Resp: 596177
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 18.7 16.9 25.3



#50
 Toluene-d8
 Concen: 52.452 ug/l
 RT: 10.443 min Scan# 3152
 Delta R.T. 0.000 min
 Lab File: VN070184.D
 Acq: 18 Dec 2021 00:42

Tgt Ion: 98 Resp: 2686761
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.4 75.6

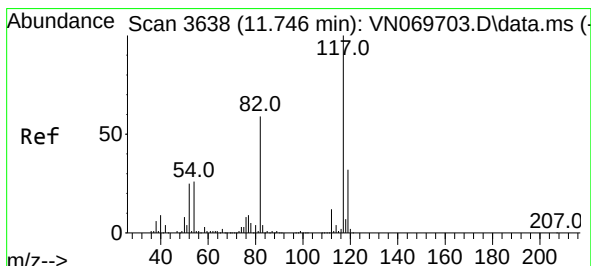
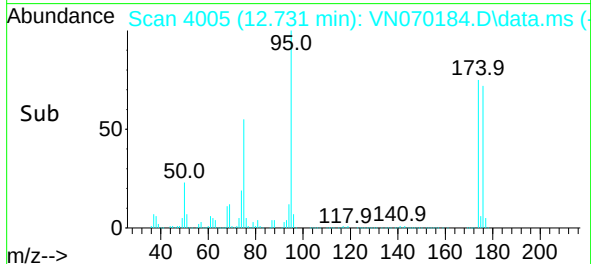
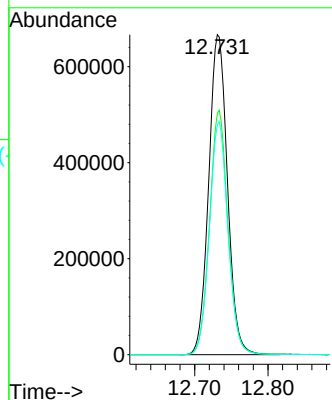
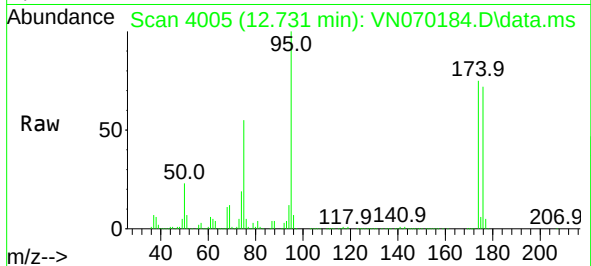




#62
4-Bromofluorobenzene
Concen: 63.779 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070184.D
Acq: 18 Dec 2021 00:42

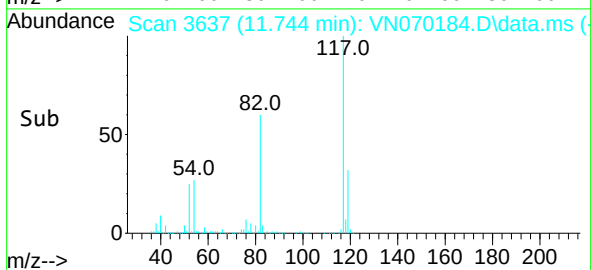
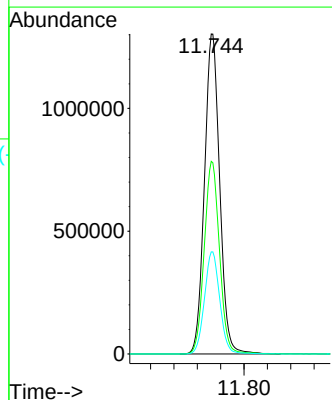
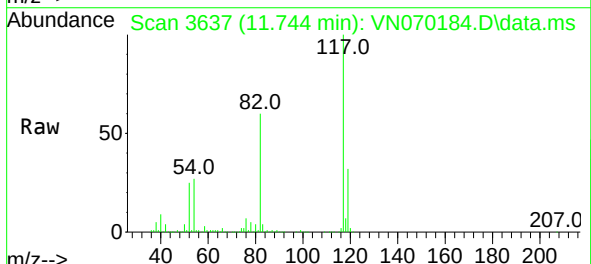
Instrument :
MSVOA_N
ClientSampleId :
MW-1

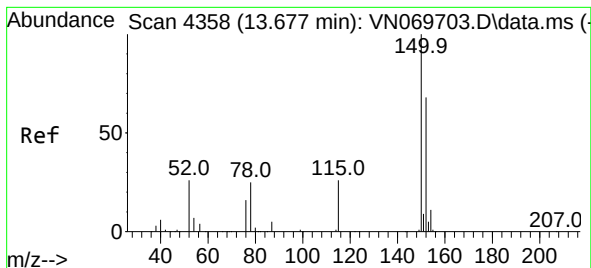
Tgt Ion: 95 Resp: 1183569
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070184.D
Acq: 18 Dec 2021 00:42

Tgt Ion: 117 Resp: 2360605
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 31.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 41

Delta R.T. -0.003 min

Lab File: VN070184.D

Acq: 18 Dec 2021 00:42

Instrument :

MSVOA_N

ClientSampleId :

MW-1

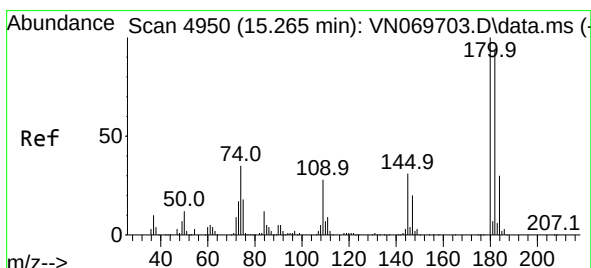
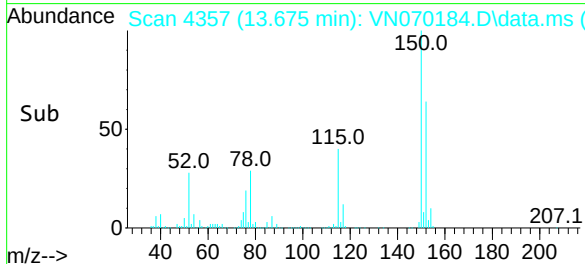
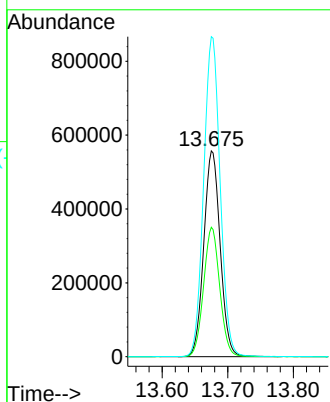
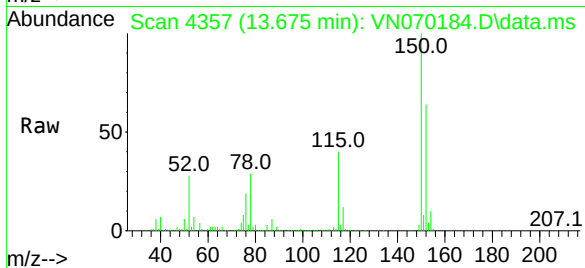
Tgt Ion:152 Resp: 966056

Ion Ratio Lower Upper

152 100

115 61.8 27.5 82.5

150 156.2 0.0 344.4



#93

1,2,4-Trichlorobenzene

Concen: 3.500 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN070184.D

Acq: 18 Dec 2021 00:42

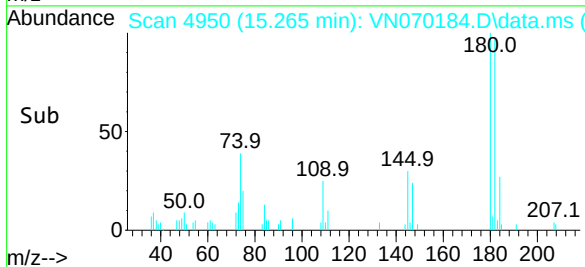
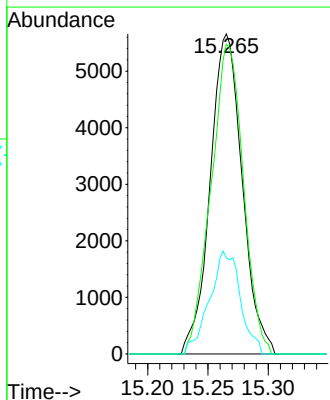
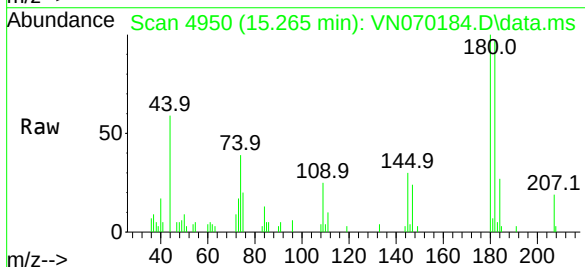
Tgt Ion:180 Resp: 10455

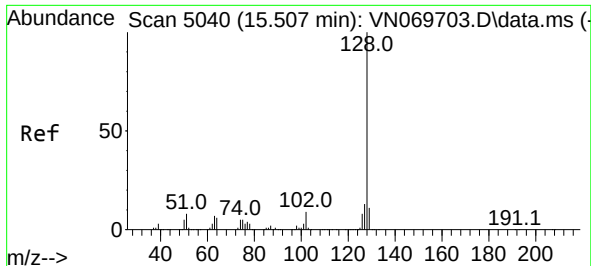
Ion Ratio Lower Upper

180 100

182 97.6 48.3 144.9

145 30.9 14.5 43.5

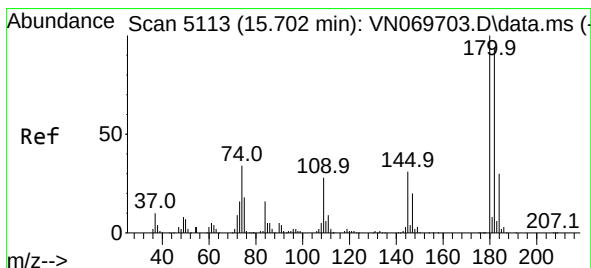
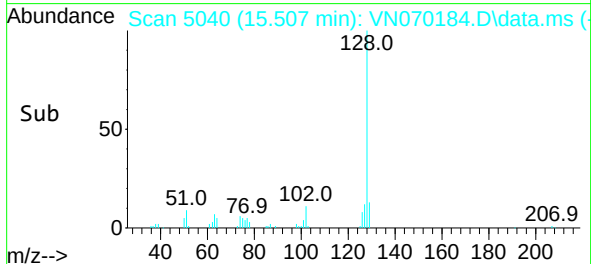
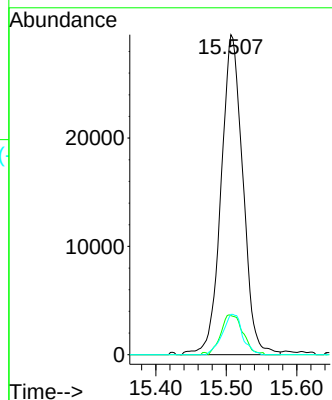
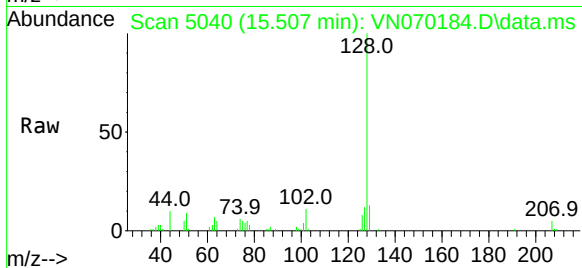




#95
Naphthalene
Concen: 5.221 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070184.D
Acq: 18 Dec 2021 00:42

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:128 Resp: 63420
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 11.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.218 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070184.D
Acq: 18 Dec 2021 00:42

Tgt Ion:180 Resp: 12706
Ion Ratio Lower Upper
180 100
182 93.1 47.4 142.2
145 32.7 15.0 45.1

