

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070110.D
 Acq On : 15 Dec 2021 14:36
 Operator : JC/MD
 Sample : M4970-03DL 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-21DL

Quant Time: Dec 16 05:38:55 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)

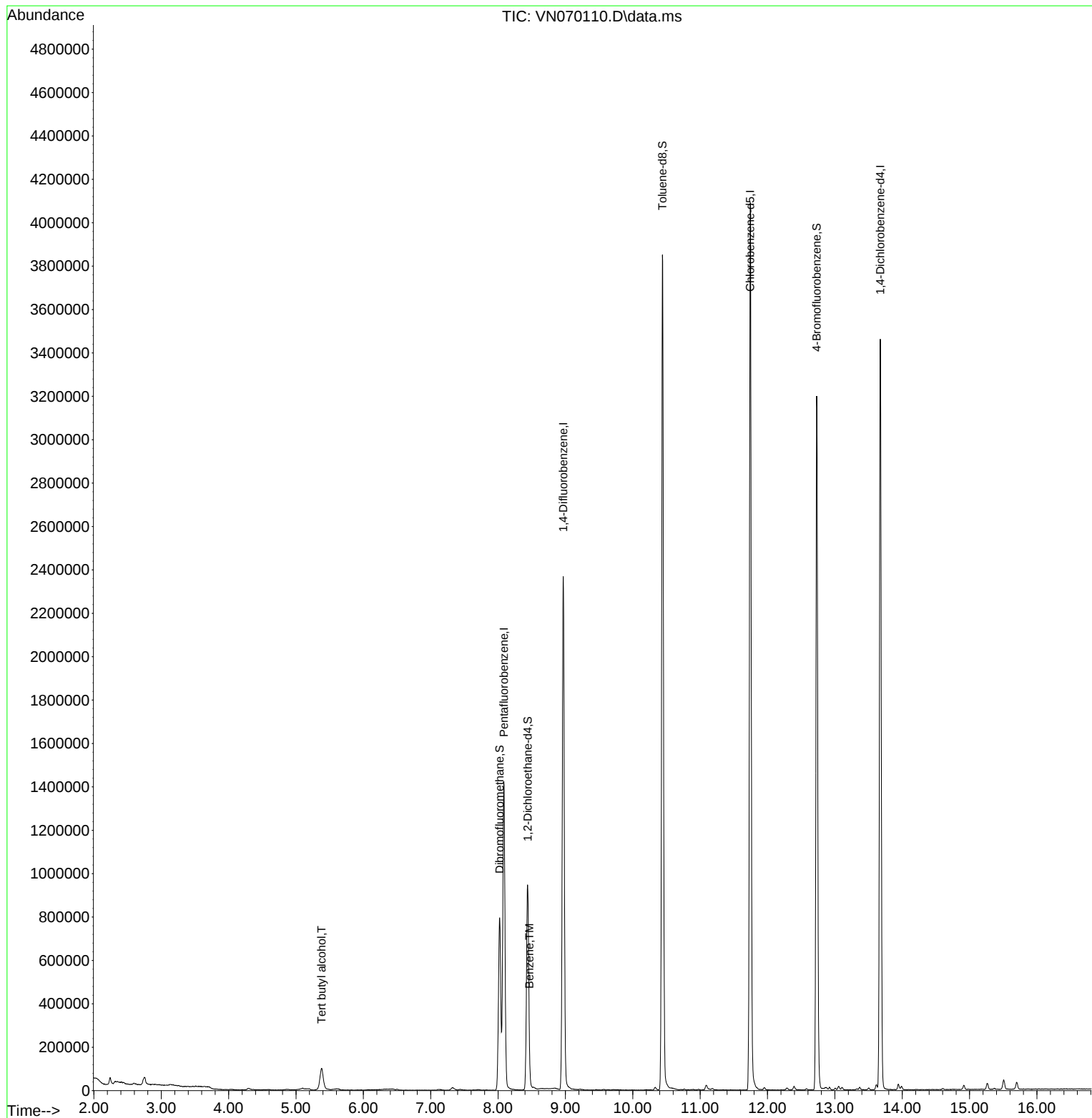
Internal Standards						
1) Pentafluorobenzene	8.086	168	1046972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1992304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2290844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	935595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	835397	51.679	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 103.360%		
35) Dibromofluoromethane	8.021	113	573988	45.995	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 91.980%		
50) Toluene-d8	10.441	98	2631509	52.516	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 105.040%		
62) 4-Bromofluorobenzene	12.731	95	1130744	62.289	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 124.580%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.380	59	171911	56.260	ug/l	99
40) Benzene	8.464	78	12162	0.210	ug/l	99

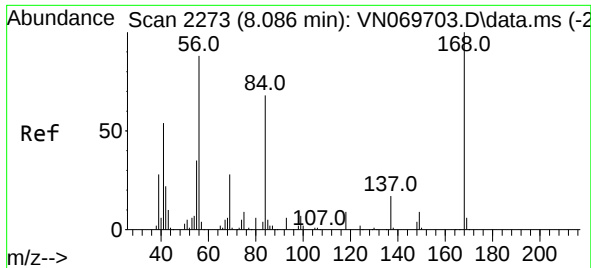
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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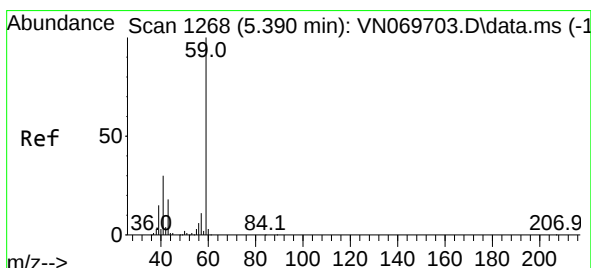
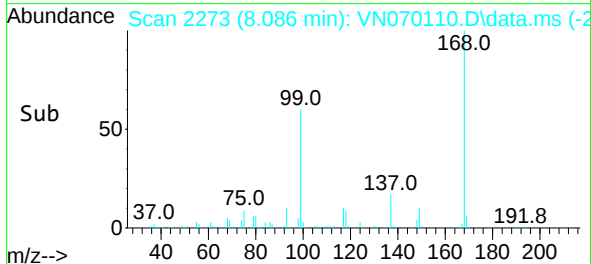
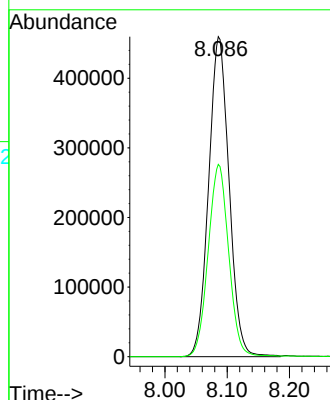
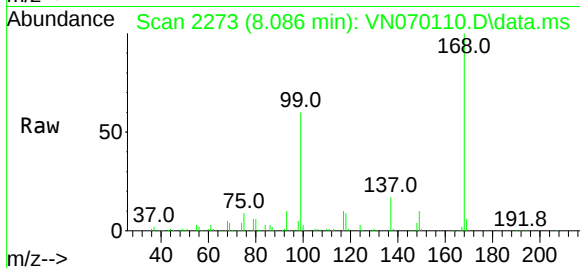




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070110.D
Acq: 15 Dec 2021 14:36

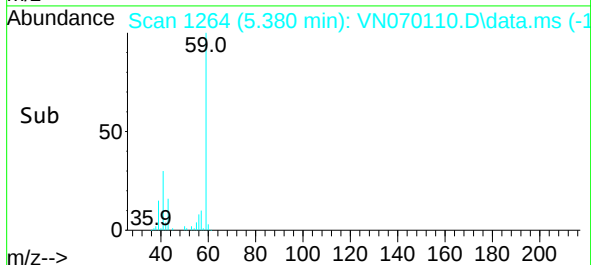
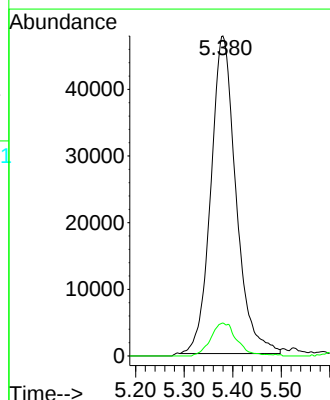
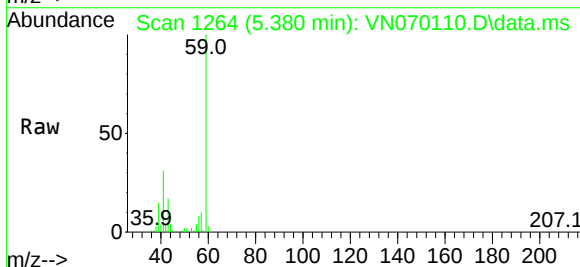
Instrument :
MSVOA_N
ClientSampleId :
MW-21DL

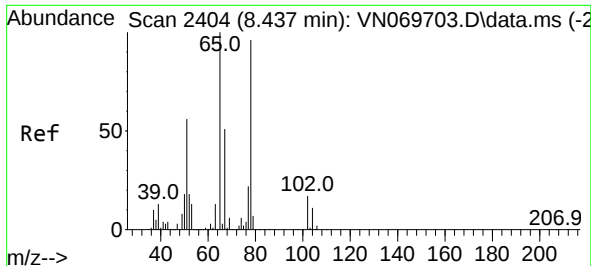
Tgt Ion:168 Resp: 1046972
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#11
Tert butyl alcohol
Concen: 56.260 ug/l
RT: 5.380 min Scan# 1264
Delta R.T. -0.010 min
Lab File: VN070110.D
Acq: 15 Dec 2021 14:36

Tgt Ion: 59 Resp: 171911
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1





#33

1,2-Dichloroethane-d4

Concen: 51.679 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070110.D

Acq: 15 Dec 2021 14:36

Instrument :

MSVOA_N

ClientSampleId :

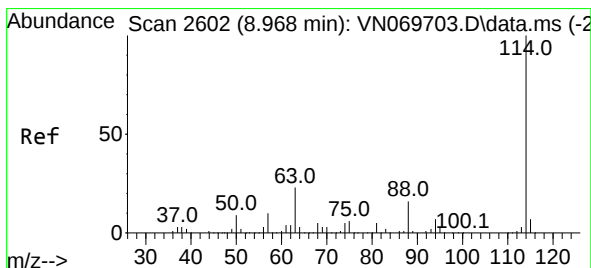
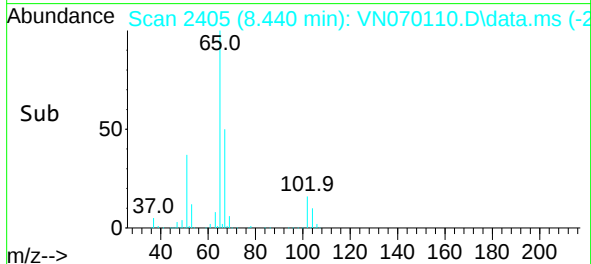
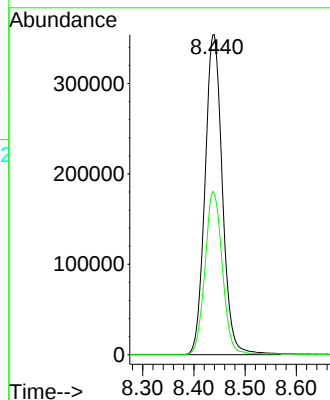
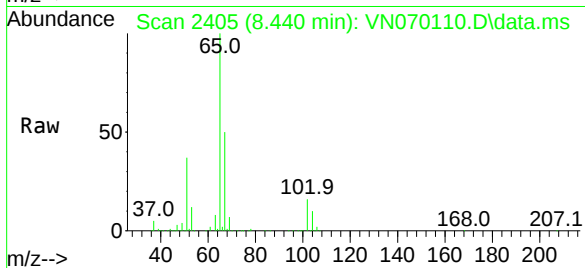
MW-21DL

Tgt Ion: 65 Resp: 835397

Ion Ratio Lower Upper

65 100

67 50.6 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: VN070110.D

Acq: 15 Dec 2021 14:36

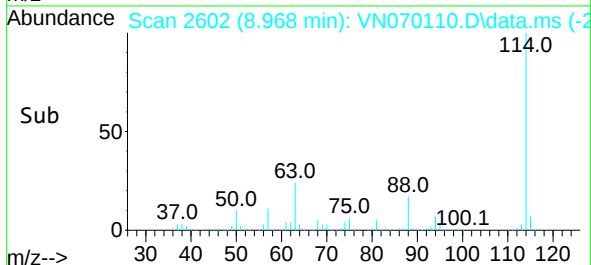
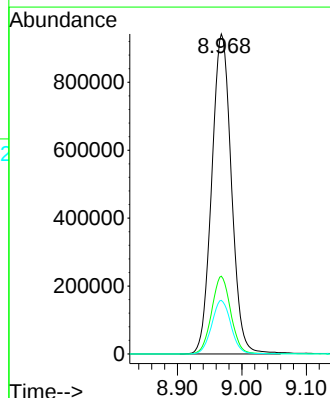
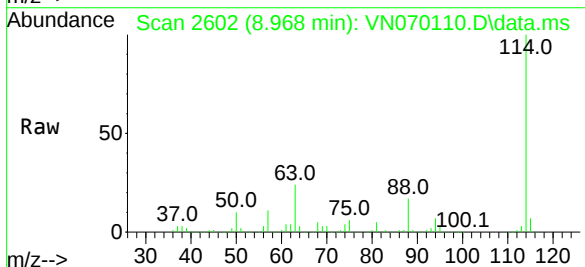
Tgt Ion: 114 Resp: 1992304

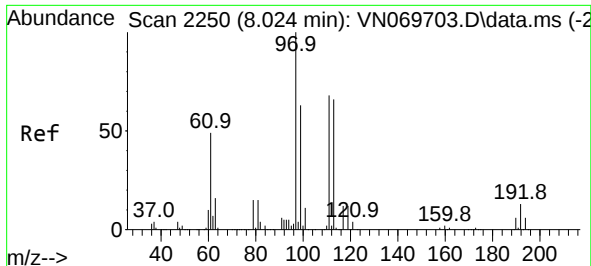
Ion Ratio Lower Upper

114 100

63 24.3 0.0 37.8

88 16.8 0.0 27.4

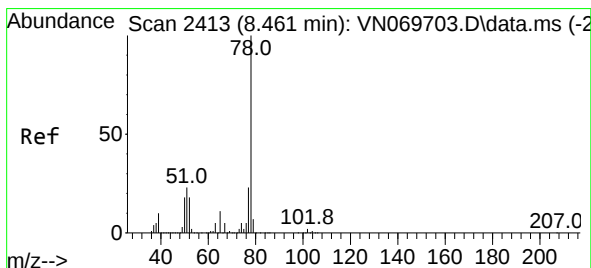
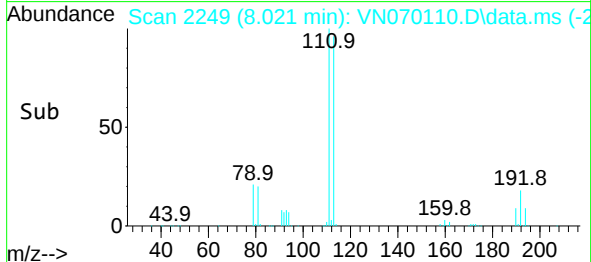
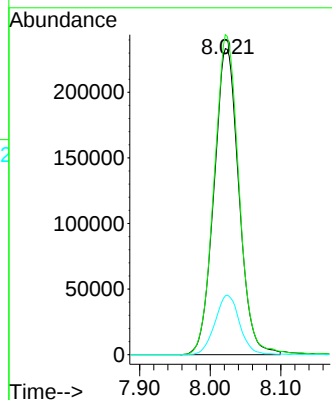
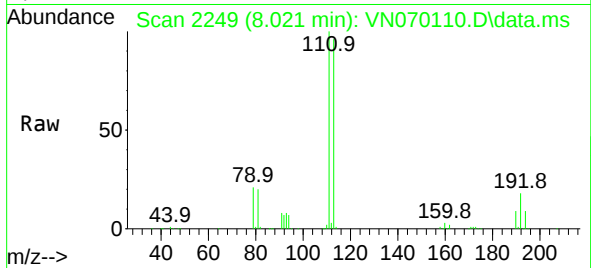




#35
Dibromofluoromethane
Concen: 45.995 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN070110.D
Acq: 15 Dec 2021 14:36

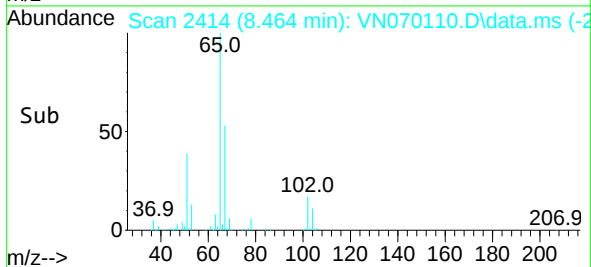
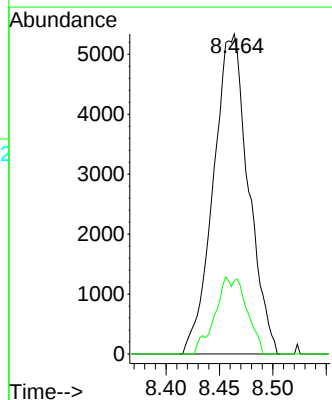
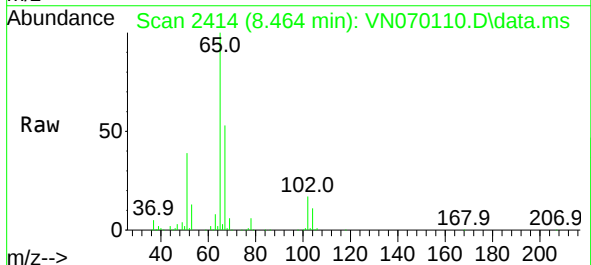
Instrument :
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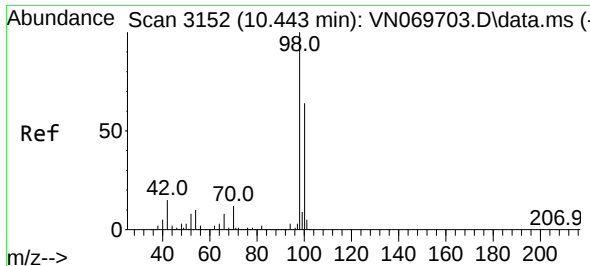
Tgt Ion:113 Resp: 573988
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 19.2 16.9 25.3



#40
Benzene
Concen: 0.210 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN070110.D
Acq: 15 Dec 2021 14:36

Tgt Ion: 78 Resp: 12162
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8

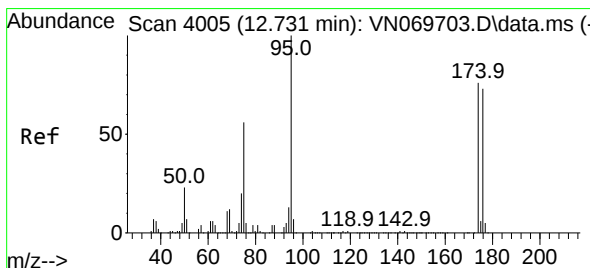
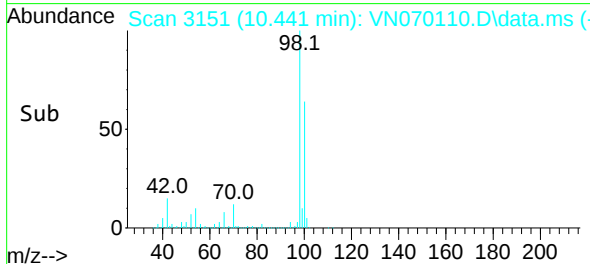
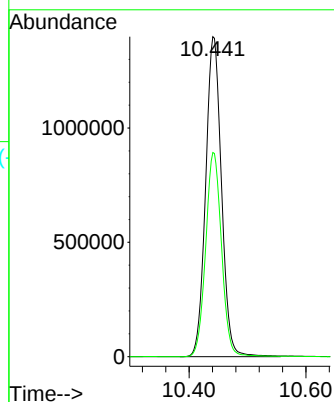
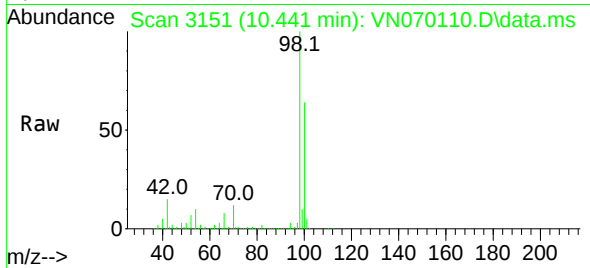




#50
Toluene-d8
Concen: 52.516 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070110.D
Acq: 15 Dec 2021 14:36

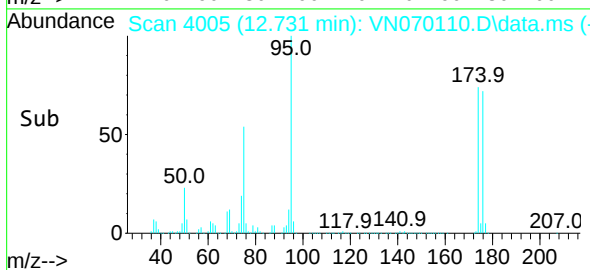
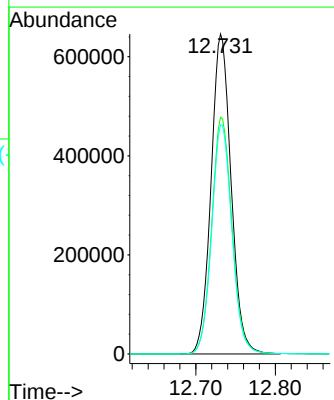
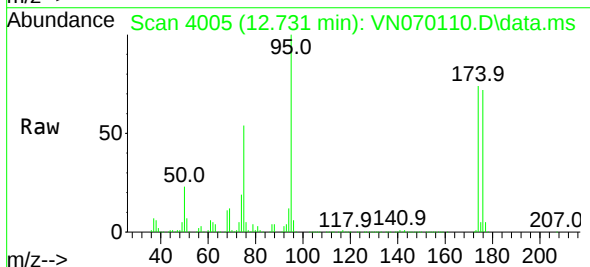
Instrument :
MSVOA_N
ClientSampleId :
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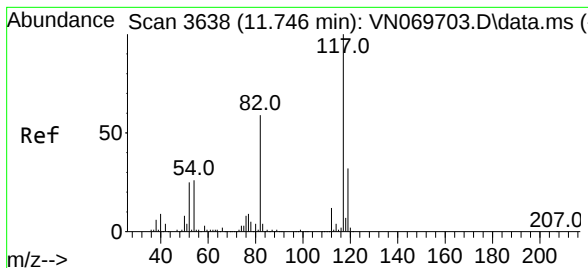
Tgt Ion: 98 Resp: 2631509
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 62.289 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070110.D
Acq: 15 Dec 2021 14:36

Tgt Ion: 95 Resp: 1130744
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.3 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: VN070110.D

Acq: 15 Dec 2021 14:36

Instrument :

MSVOA_N

ClientSampleId :

MW-21DL

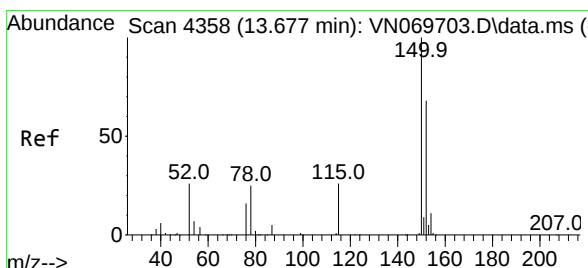
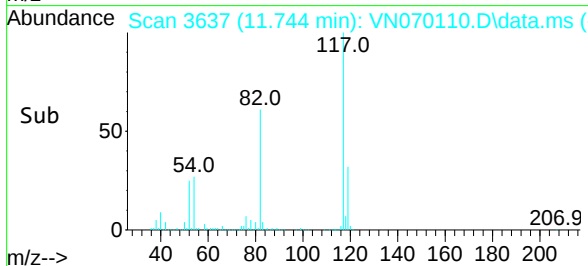
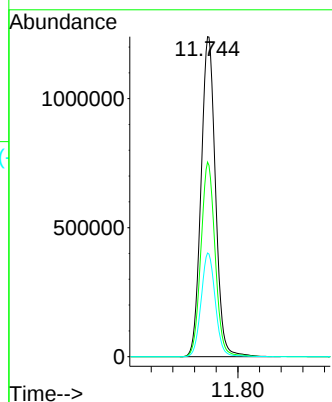
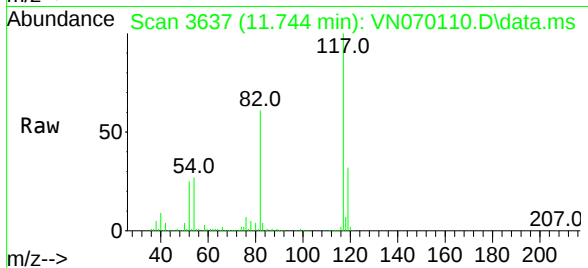
Tgt Ion:117 Resp: 2290844

Ion Ratio Lower Upper

117 100

82 60.8 42.4 63.6

119 32.4 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.002 min

Lab File: VN070110.D

Acq: 15 Dec 2021 14:36

Tgt Ion:152 Resp: 935595

Ion Ratio Lower Upper

152 100

115 61.3 27.5 82.5

150 156.4 0.0 344.4

