

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078690.D
 Acq On : 28 Jul 2023 17:17
 Operator : JC\MD
 Sample : 03831-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-18-20230727

Quant Time: Jul 29 00:52:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

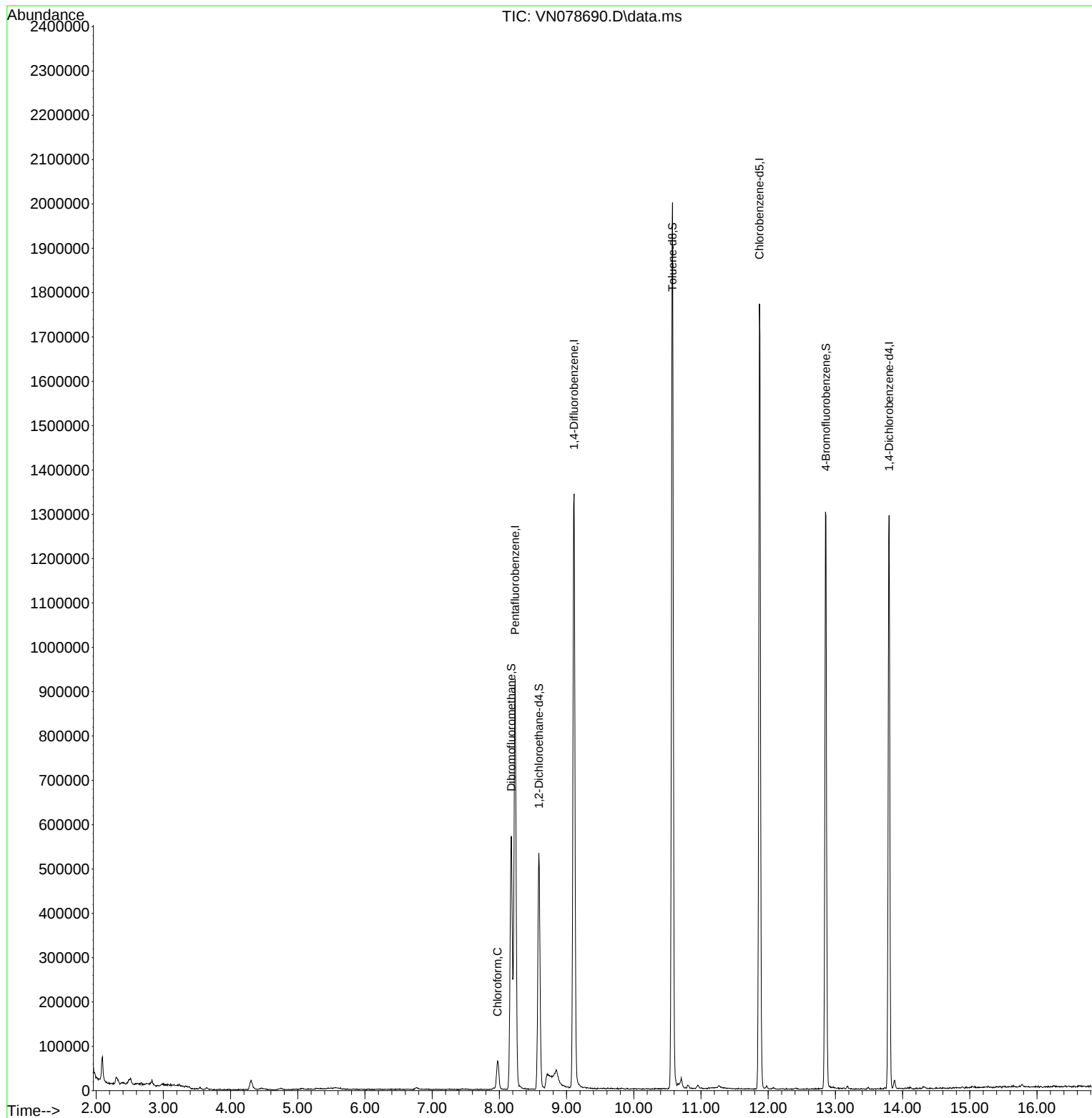
Internal Standards						
1) Pentafluorobenzene	8.235	168	683246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1227338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1104538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	375972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	439107	47.939	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.880%			
35) Dibromofluoromethane	8.177	113	425299	51.047	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.100%			
50) Toluene-d8	10.576	98	1485077	47.184	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.360%			
62) 4-Bromofluorobenzene	12.859	95	493087	50.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.720%			
Target Compounds					Qvalue	
30) Chloroform	7.971	83	67816	4.382	ug/l	91

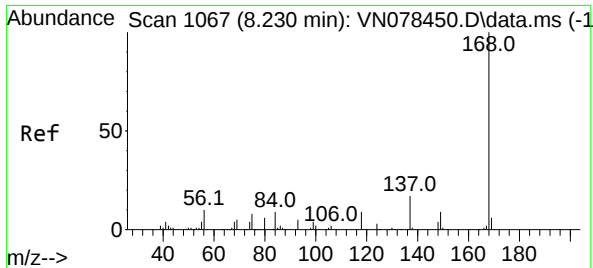
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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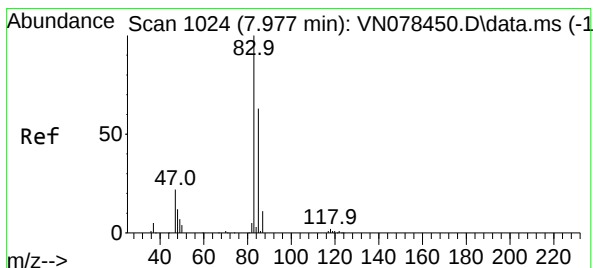
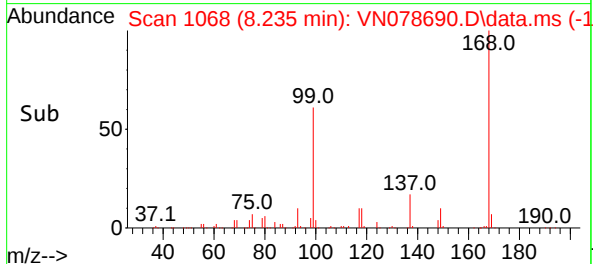
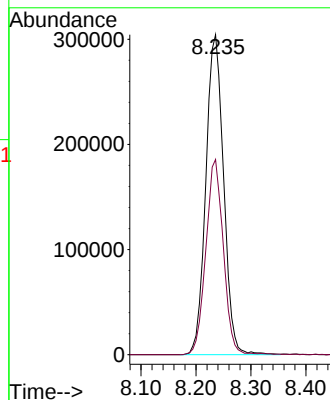
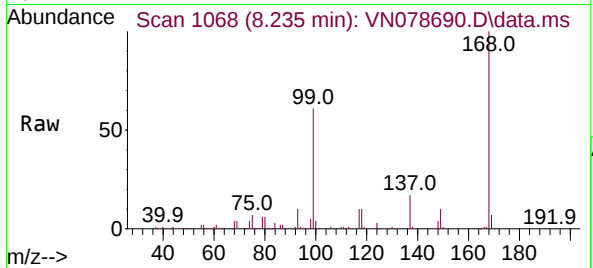




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078690.D
Acq: 28 Jul 2023 17:17

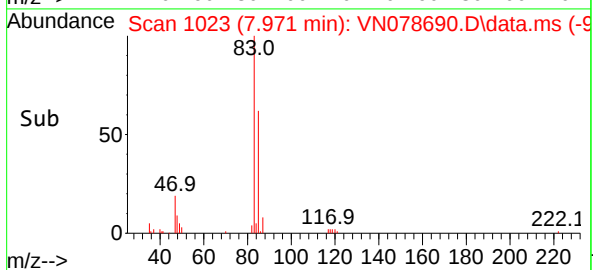
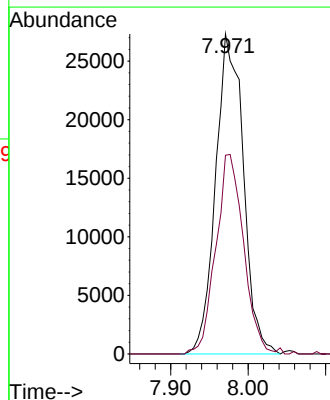
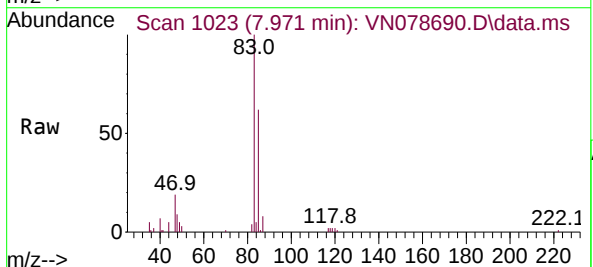
Instrument :
MSVOA_N
ClientSampleId :
MW-18-20230727

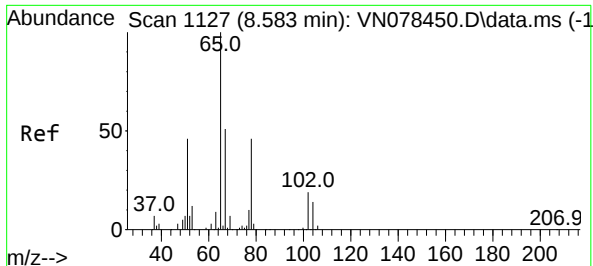
Tgt Ion:168 Resp: 683246
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#30
Chloroform
Concen: 4.382 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078690.D
Acq: 28 Jul 2023 17:17

Tgt Ion: 83 Resp: 67816
Ion Ratio Lower Upper
83 100
85 62.1 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 47.939 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078690.D

Acq: 28 Jul 2023 17:17

Instrument :

MSVOA_N

ClientSampleId :

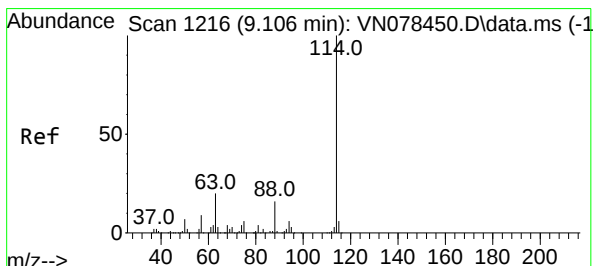
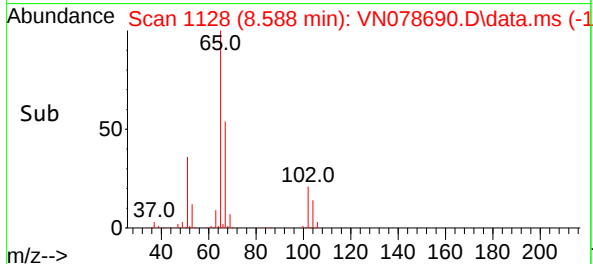
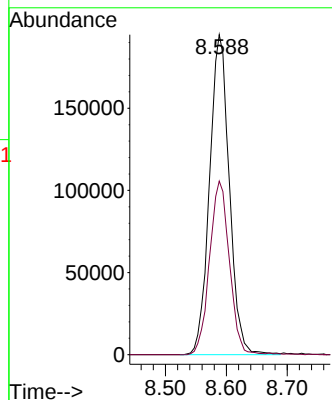
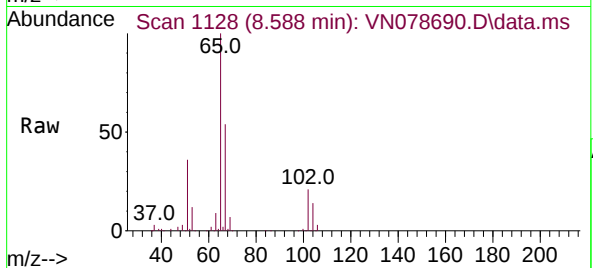
MW-18-20230727

Tgt Ion: 65 Resp: 439107

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078690.D

Acq: 28 Jul 2023 17:17

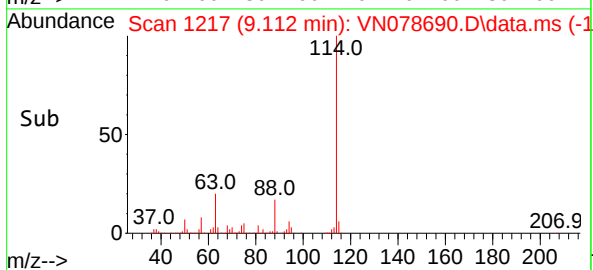
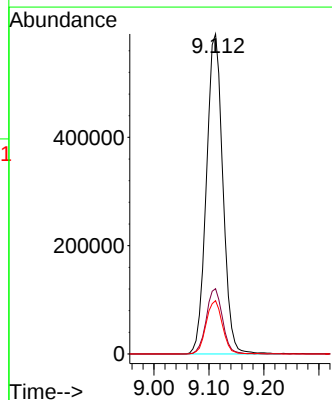
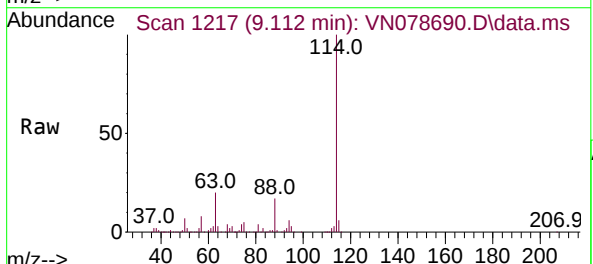
Tgt Ion: 114 Resp: 1227338

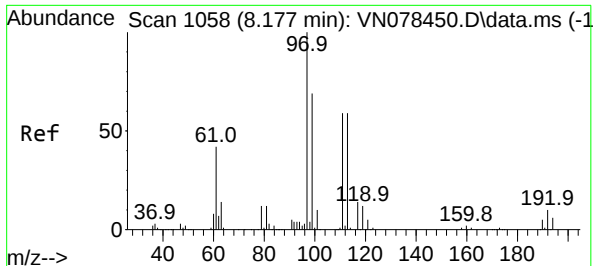
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 16.6 0.0 30.6

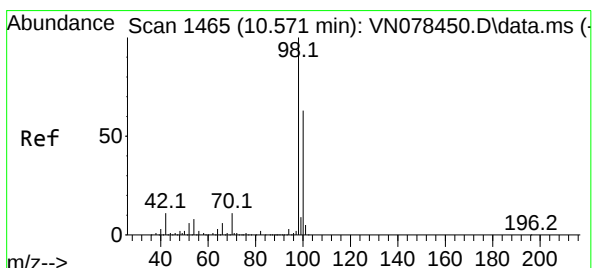
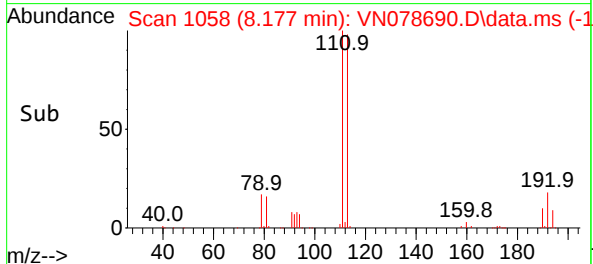
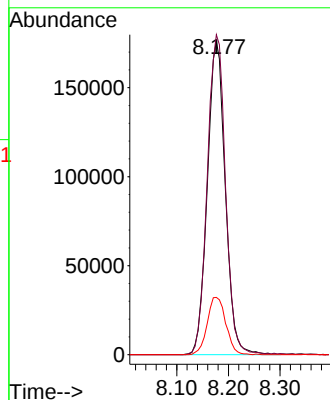
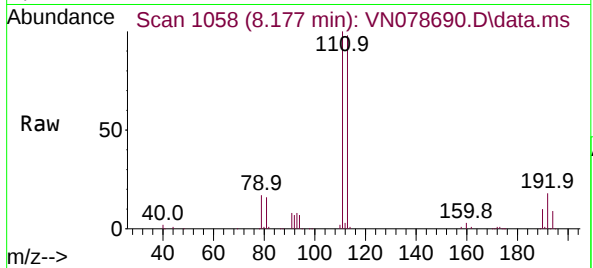




#35
Dibromofluoromethane
Concen: 51.047 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078690.D
Acq: 28 Jul 2023 17:17

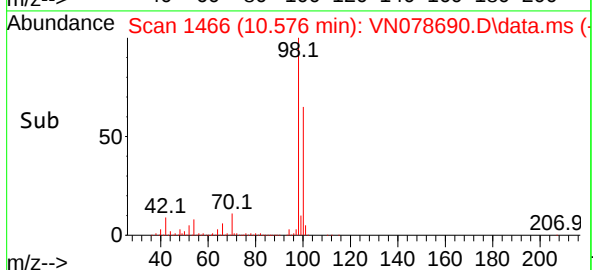
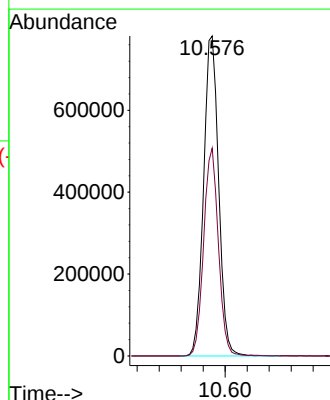
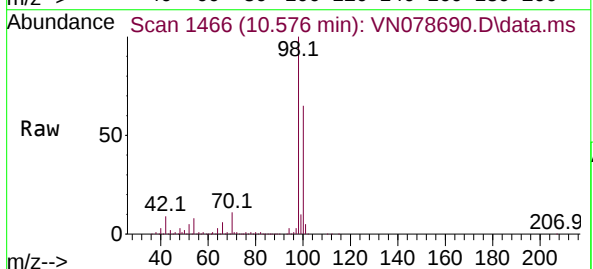
Instrument :
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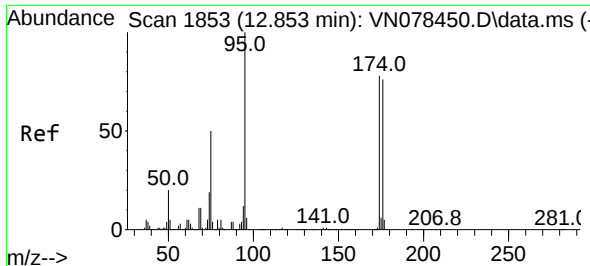
Tgt Ion:113 Resp: 425299
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 18.9 12.7 19.1



#50
Toluene-d8
Concen: 47.184 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078690.D
Acq: 28 Jul 2023 17:17

Tgt Ion: 98 Resp: 1485077
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

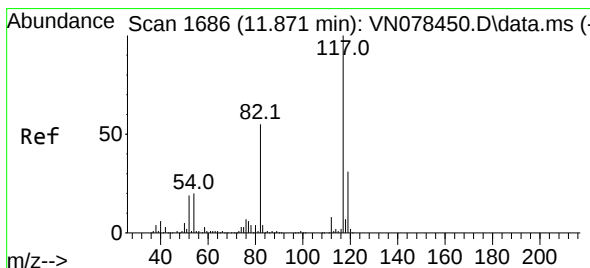
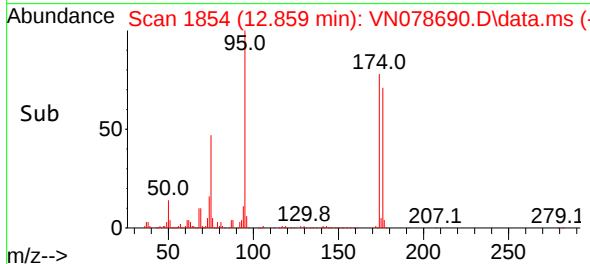
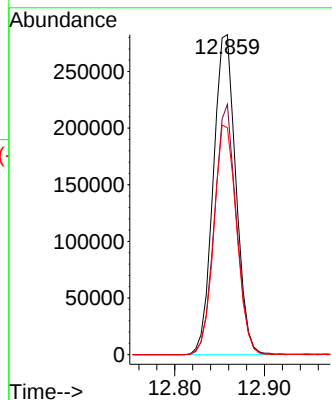
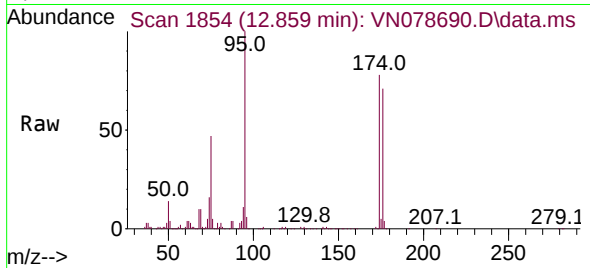




#62
4-Bromofluorobenzene
Concen: 50.862 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078690.D
Acq: 28 Jul 2023 17:17

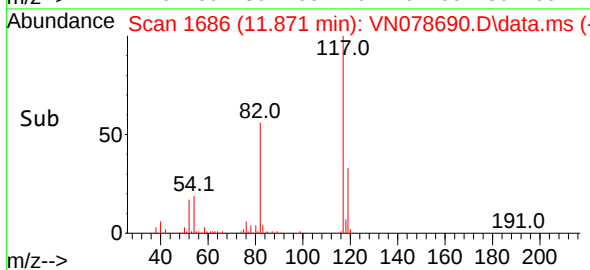
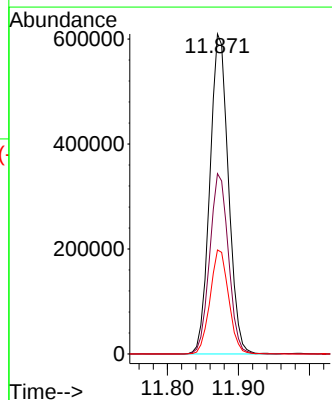
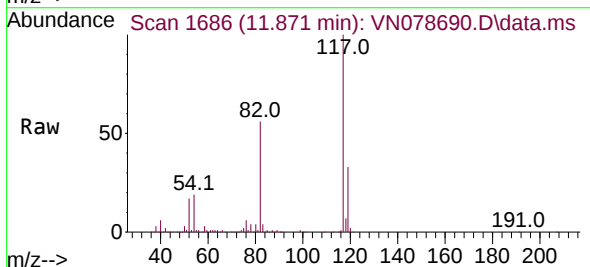
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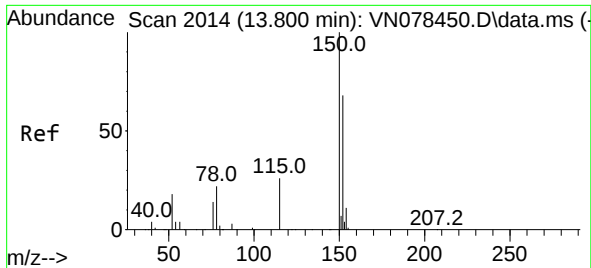
Tgt Ion: 95 Resp: 493087
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 72.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078690.D
Acq: 28 Jul 2023 17:17

Tgt Ion: 117 Resp: 1104538
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 32.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078690.D
 Acq: 28 Jul 2023 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-18-20230727

Tgt Ion:152 Resp: 375972
 Ion Ratio Lower Upper
 152 100
 115 61.2 32.3 96.8
 150 153.4 0.0 355.8

