

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078683.D
 Acq On : 28 Jul 2023 14:26
 Operator : JC\MD
 Sample : 03831-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16-20230727

Quant Time: Jul 29 01:49:50 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)

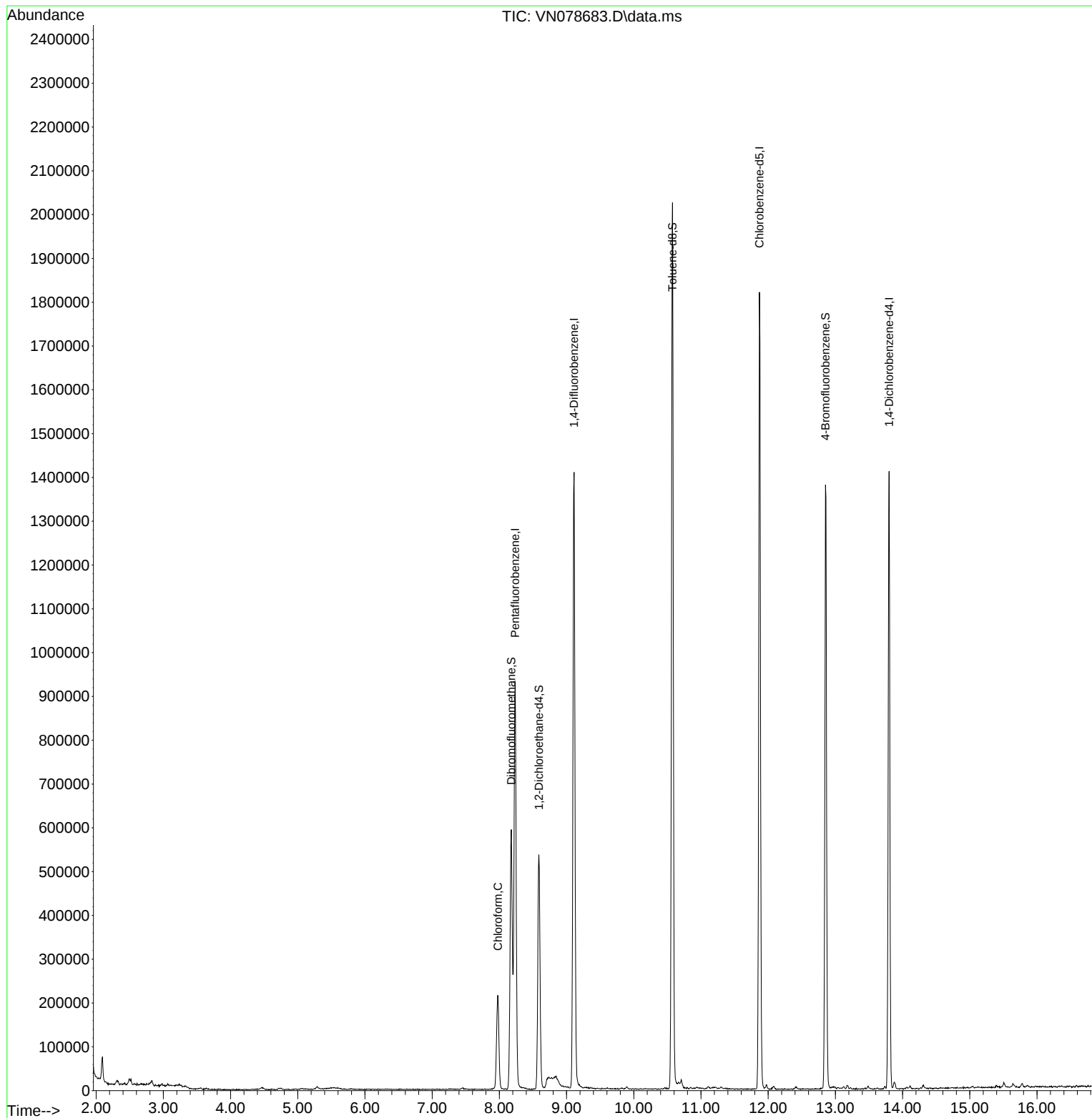
Internal Standards						
1) Pentafluorobenzene	8.235	168	696536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1267062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1131111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	399783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	450452	48.240	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.480%
35) Dibromofluoromethane	8.177	113	440008	51.157	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.320%
50) Toluene-d8	10.576	98	1514754	46.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.240%
62) 4-Bromofluorobenzene	12.853	95	531579	53.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.220%
Target Compounds						
					Qvalue	
30) Chloroform	7.977	83	218596	13.856	ug/l	99

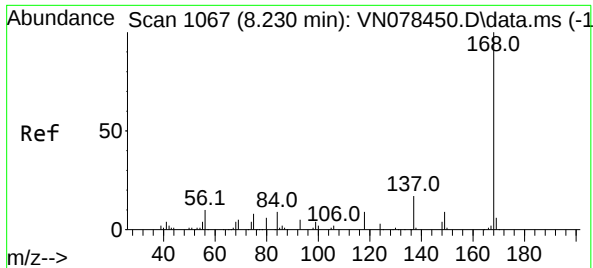
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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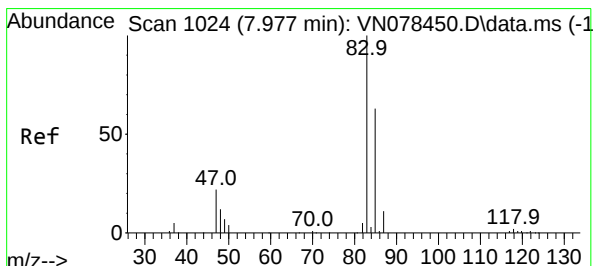
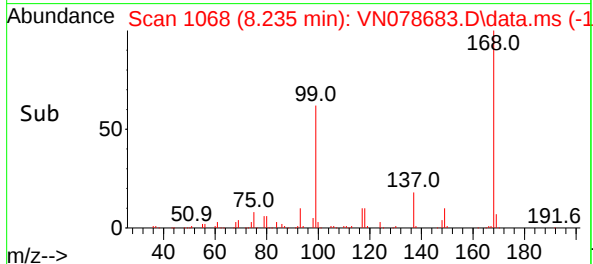
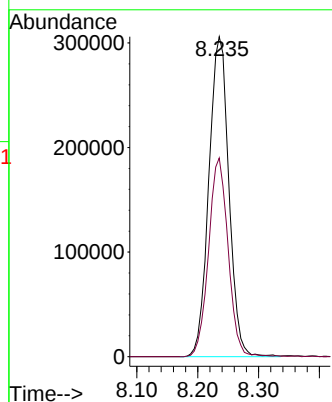
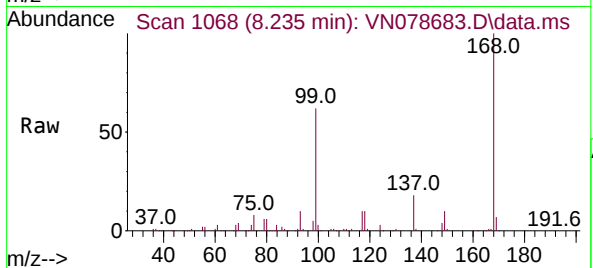




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078683.D
Acq: 28 Jul 2023 14:26

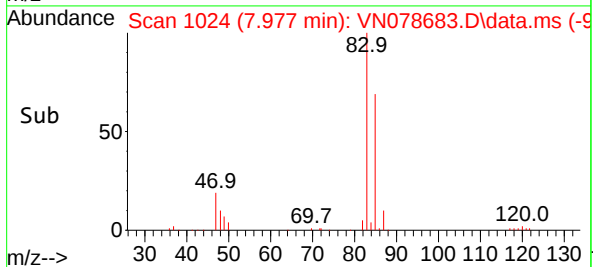
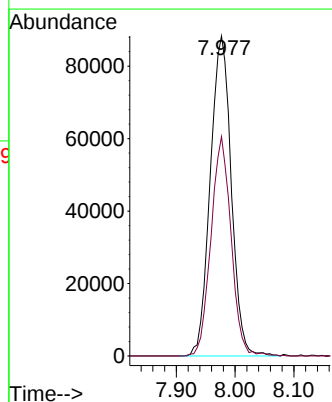
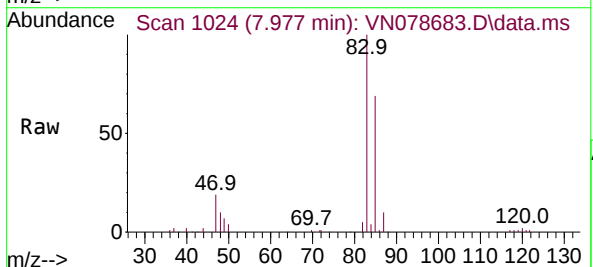
Instrument :
MSVOA_N
ClientSampleId :
MW-16-20230727

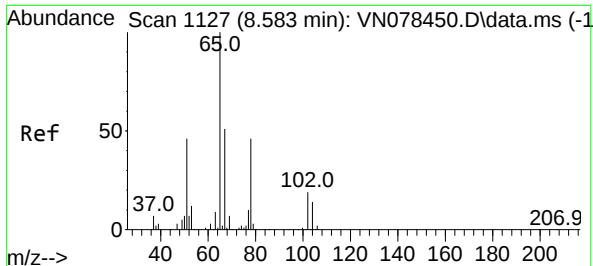
Tgt Ion:168 Resp: 696536
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#30
Chloroform
Concen: 13.856 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN078683.D
Acq: 28 Jul 2023 14:26

Tgt Ion: 83 Resp: 218596
Ion Ratio Lower Upper
83 100
85 68.6 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 48.240 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078683.D

Acq: 28 Jul 2023 14:26

Instrument :

MSVOA_N

ClientSampleId :

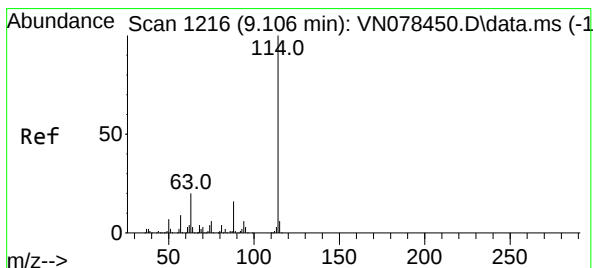
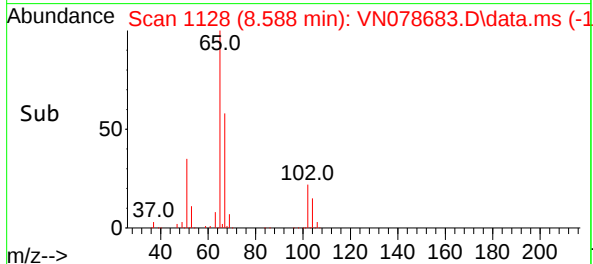
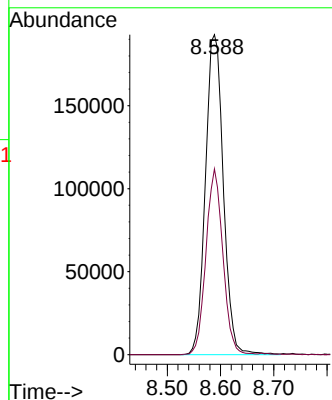
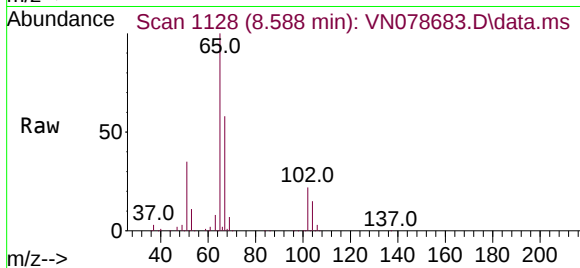
MW-16-20230727

Tgt Ion: 65 Resp: 450452

Ion Ratio Lower Upper

65 100

67 54.8 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: VN078683.D

Acq: 28 Jul 2023 14:26

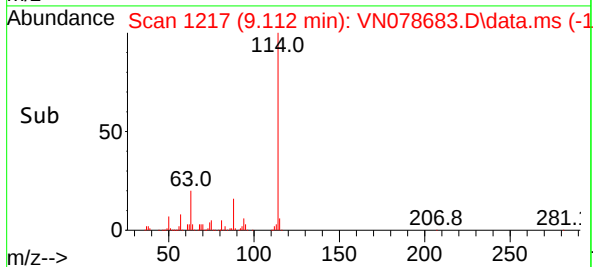
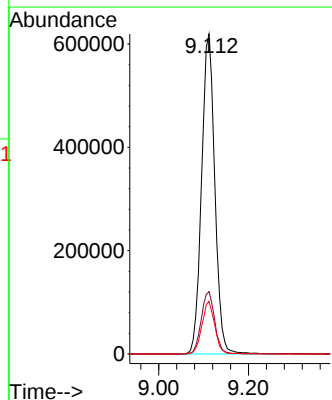
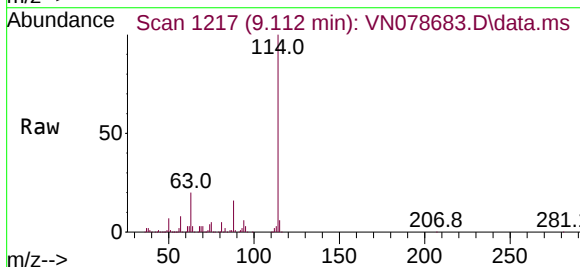
Tgt Ion: 114 Resp: 1267062

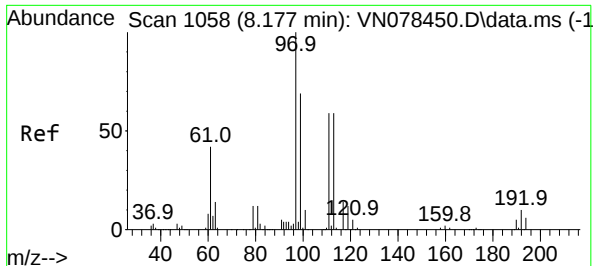
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.157 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078683.D

Acq: 28 Jul 2023 14:26

Instrument :

MSVOA_N

ClientSampleId :

MW-16-20230727

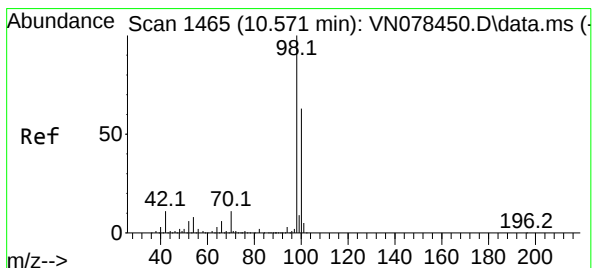
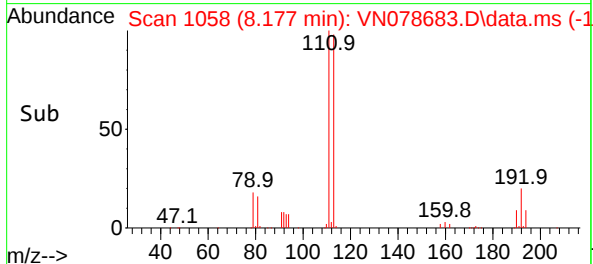
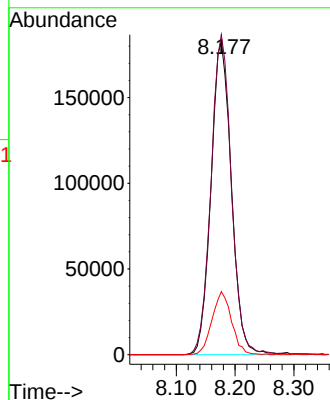
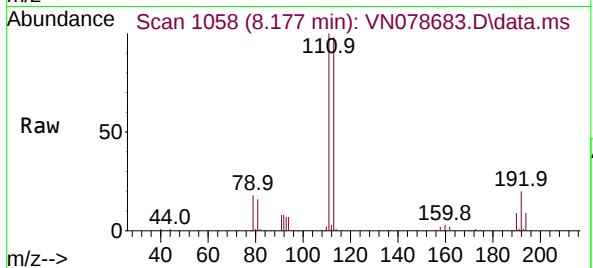
Tgt Ion:113 Resp: 440008

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 19.3 12.7 19.1#



#50

Toluene-d8

Concen: 46.618 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078683.D

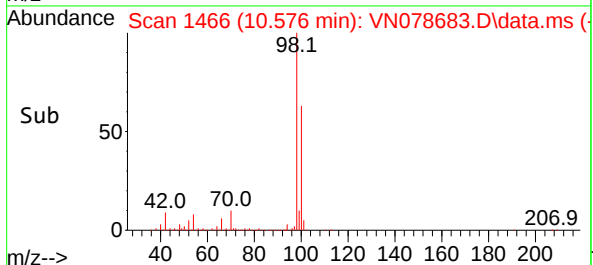
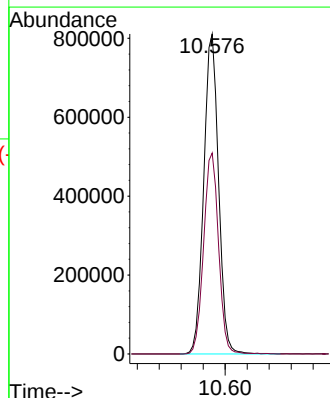
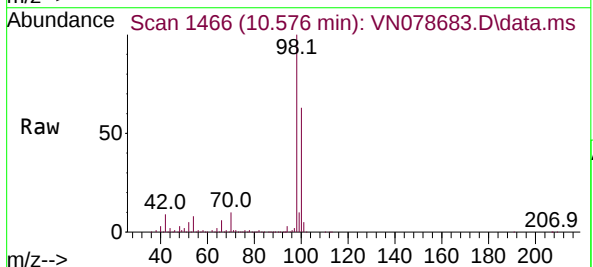
Acq: 28 Jul 2023 14:26

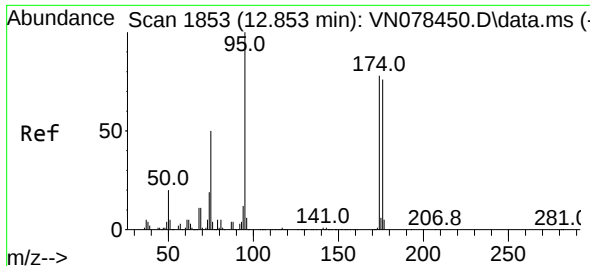
Tgt Ion: 98 Resp: 1514754

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

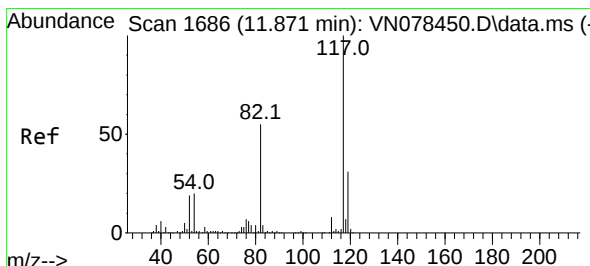
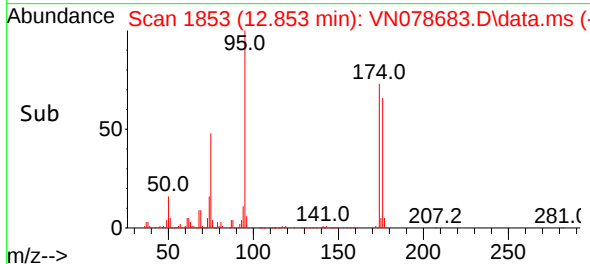
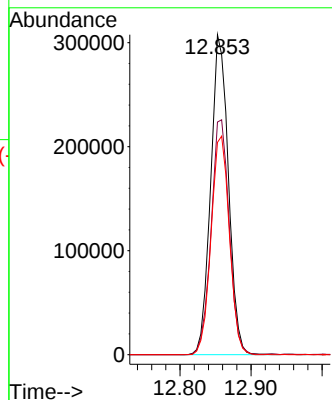
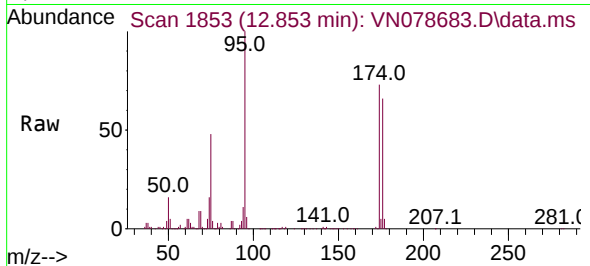




#62
4-Bromofluorobenzene
Concen: 53.113 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078683.D
Acq: 28 Jul 2023 14:26

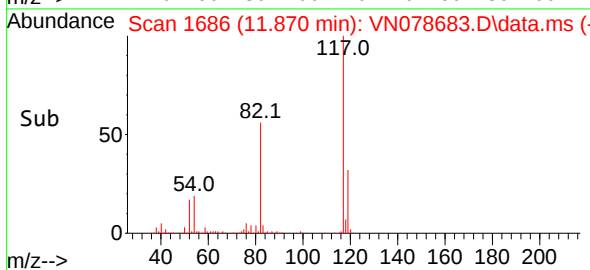
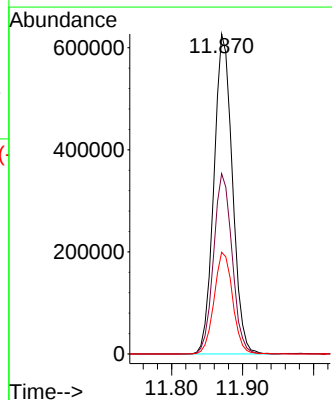
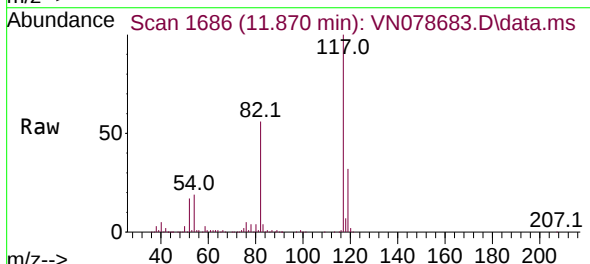
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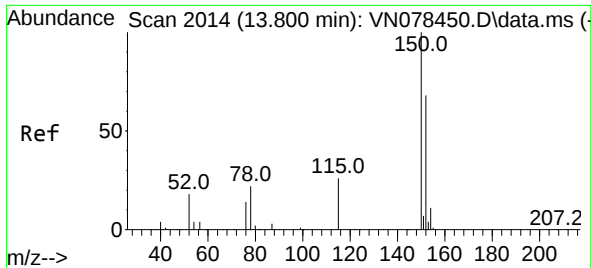
Tgt Ion: 95 Resp: 531579
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 70.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078683.D
Acq: 28 Jul 2023 14:26

Tgt Ion: 117 Resp: 1131111
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 31.8 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: VN078683.D

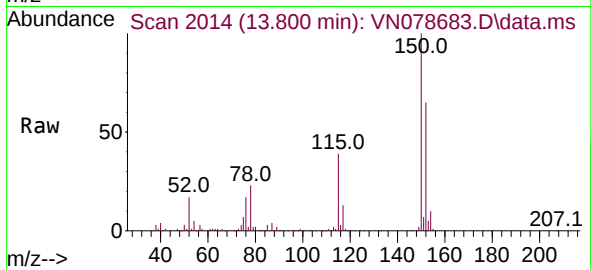
Acq: 28 Jul 2023 14:26

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:152 Resp: 399783

Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 156.9 0.0 355.8

