

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079237.D
 Acq On : 12 Sep 2023 15:53
 Operator : JC\MD
 Sample : 04352-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-090723

Quant Time: Sep 13 01:33:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

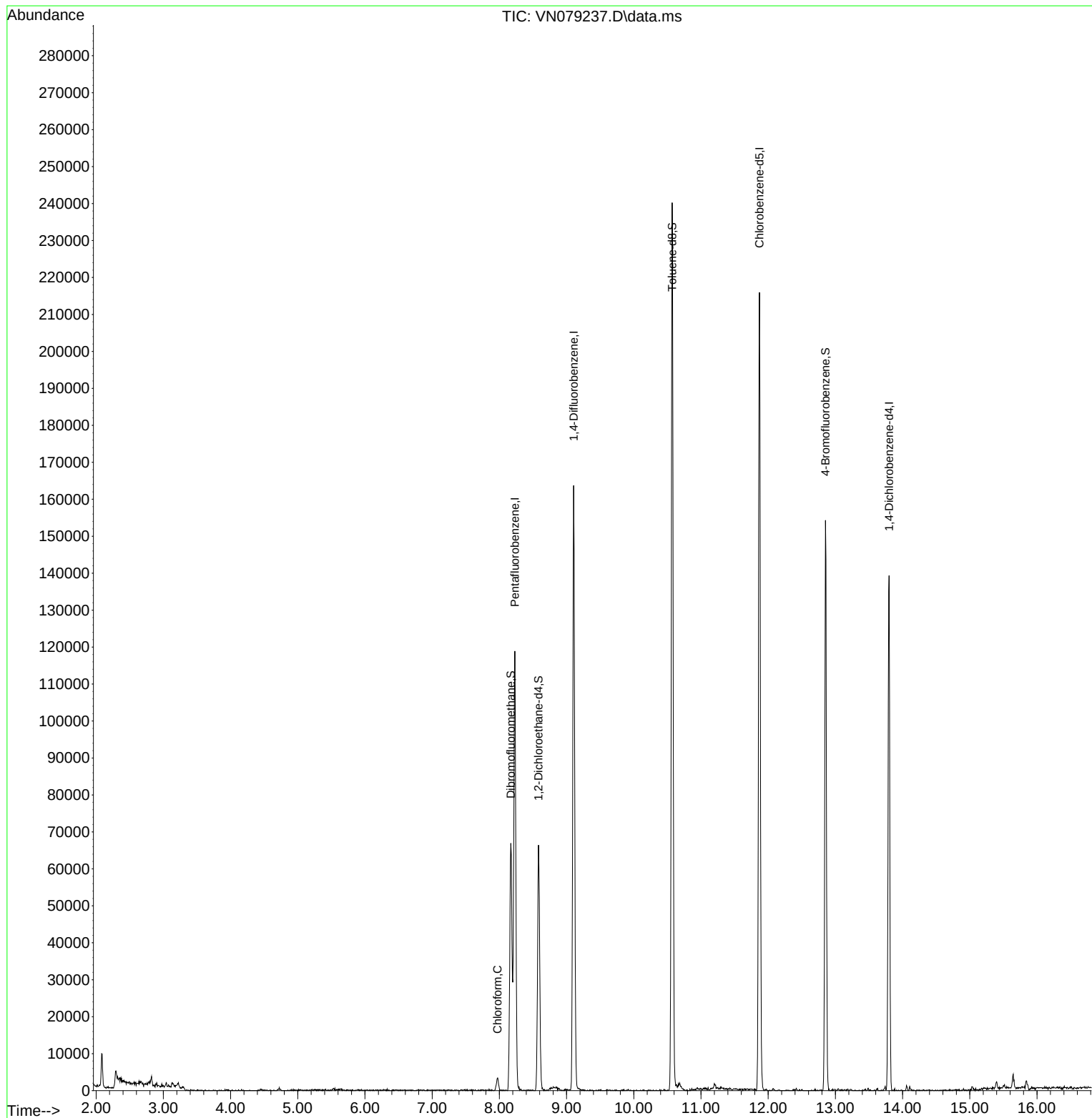
Internal Standards						
1) Pentafluorobenzene	8.230	168	86732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	141521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	137928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	41176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	58809	50.230	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.460%
35) Dibromofluoromethane	8.171	113	49200	52.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.520%
50) Toluene-d8	10.571	98	173412	50.169	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.853	95	54098	49.065	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.140%
Target Compounds						
30) Chloroform	7.971	83	3860	1.857	ug/l	Qvalue 85

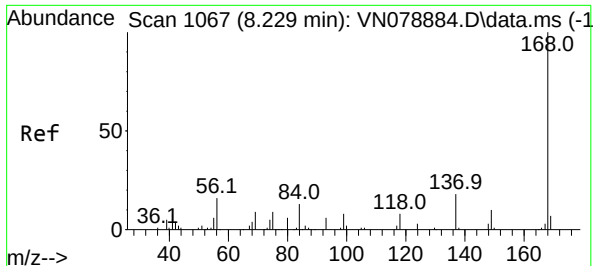
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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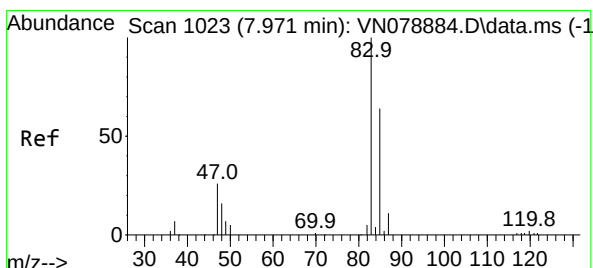
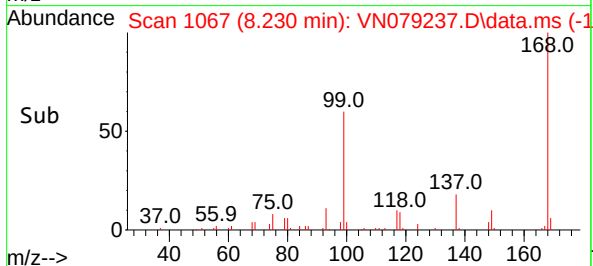
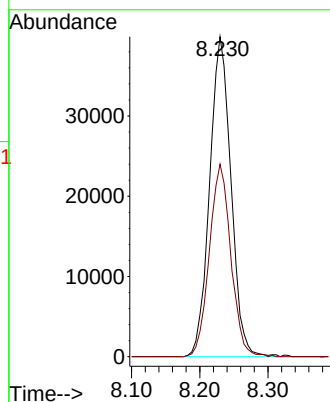
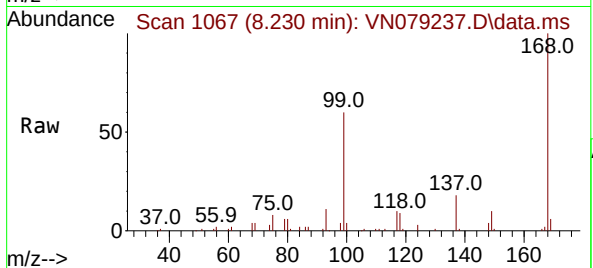




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079237.D
Acq: 12 Sep 2023 15:53

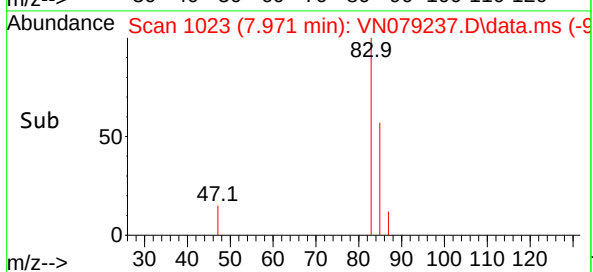
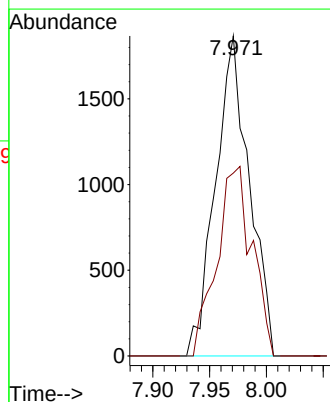
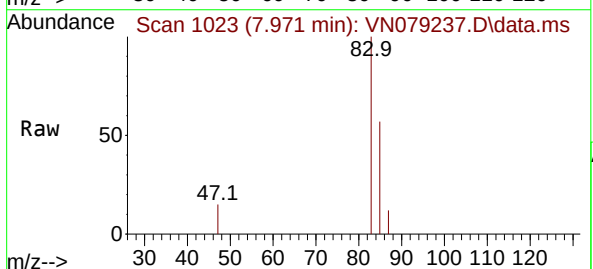
Instrument :
MSVOA_N
ClientSampleId :
TB-02-090723

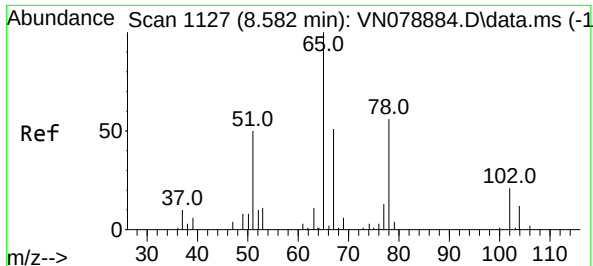
Tgt Ion:168 Resp: 86732
Ion Ratio Lower Upper
168 100
99 60.1 53.0 79.6



#30
Chloroform
Concen: 1.857 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN079237.D
Acq: 12 Sep 2023 15:53

Tgt Ion: 83 Resp: 3860
Ion Ratio Lower Upper
83 100
85 57.2 55.4 83.0

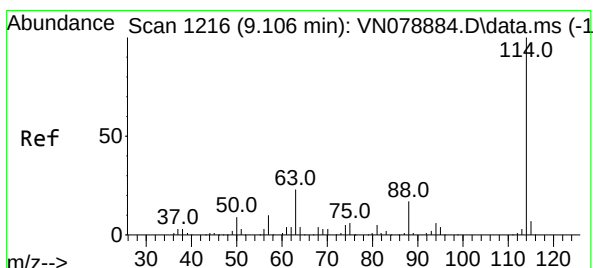
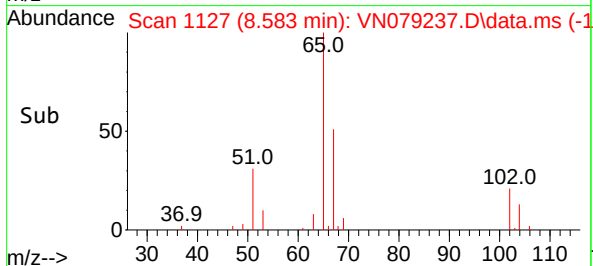
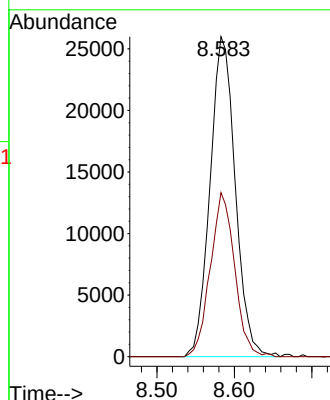
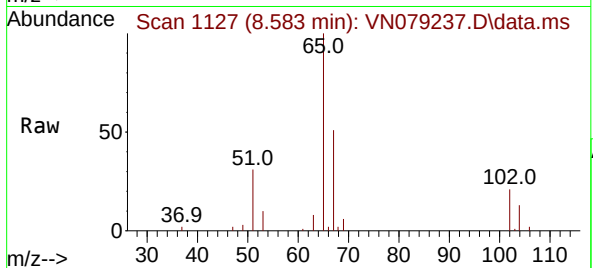




#33
 1,2-Dichloroethane-d4
 Concen: 50.230 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN079237.D
 Acq: 12 Sep 2023 15:53

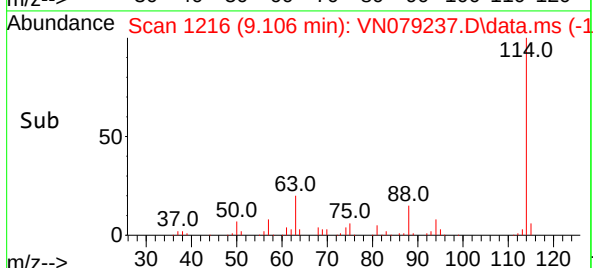
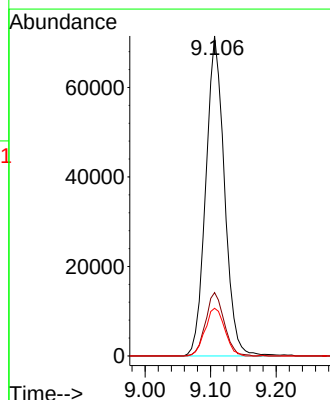
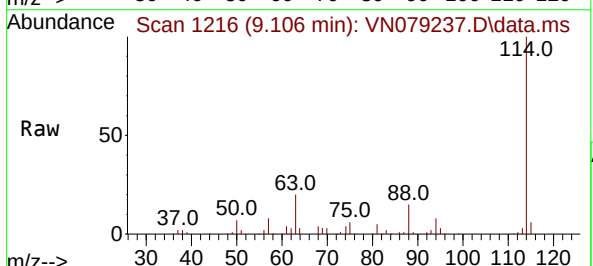
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-090723

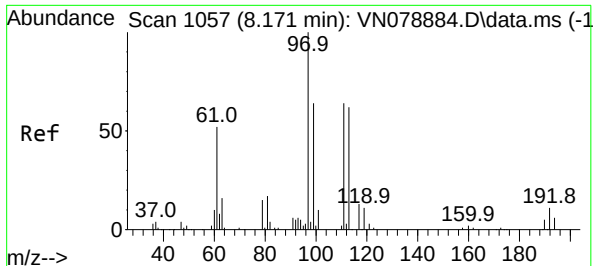
Tgt Ion: 65 Resp: 58809
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN079237.D
 Acq: 12 Sep 2023 15:53

Tgt Ion: 114 Resp: 141521
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 36.4
 88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.264 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079237.D

Acq: 12 Sep 2023 15:53

Instrument :

MSVOA_N

ClientSampleId :

TB-02-090723

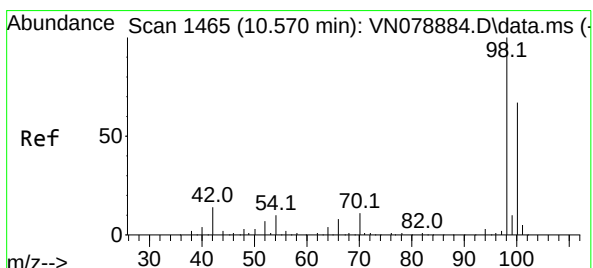
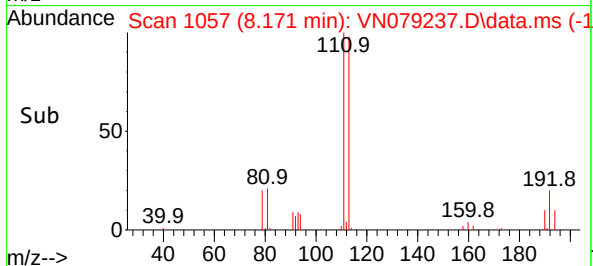
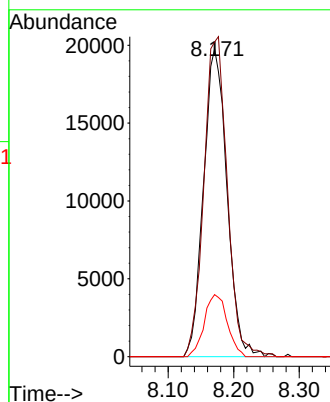
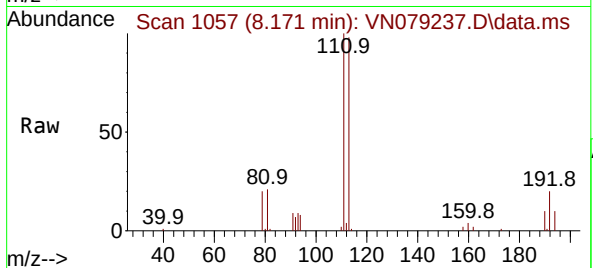
Tgt Ion:113 Resp: 49200

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 19.7 12.7 19.1#



#50

Toluene-d8

Concen: 50.169 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079237.D

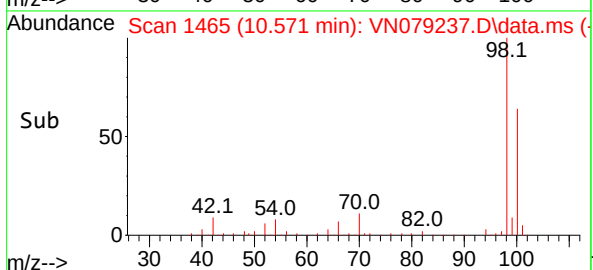
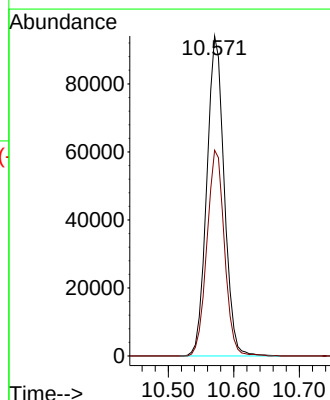
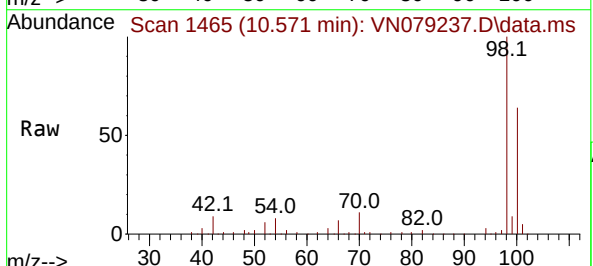
Acq: 12 Sep 2023 15:53

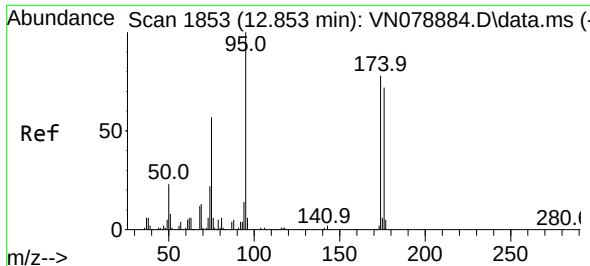
Tgt Ion: 98 Resp: 173412

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

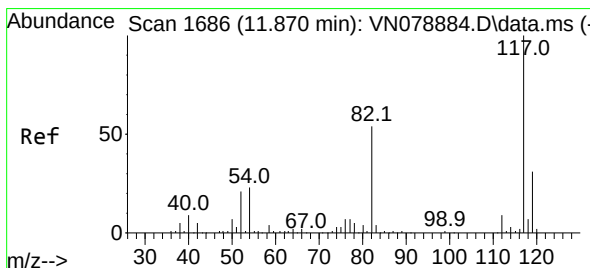
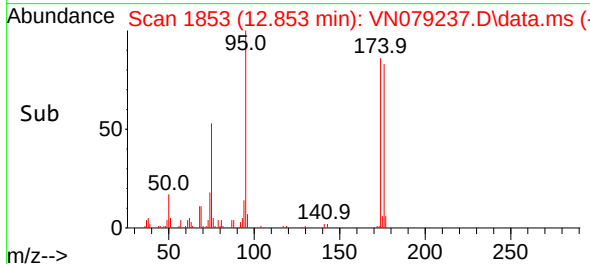
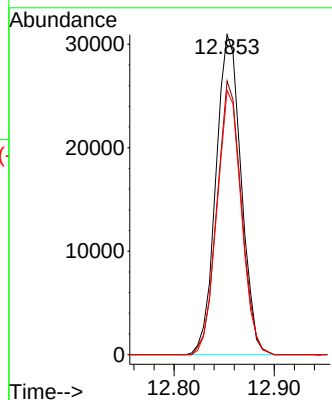
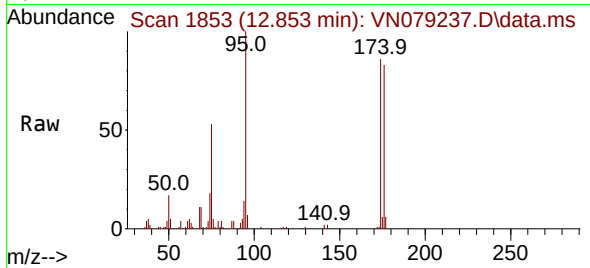




#62
4-Bromofluorobenzene
Concen: 49.065 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079237.D
Acq: 12 Sep 2023 15:53

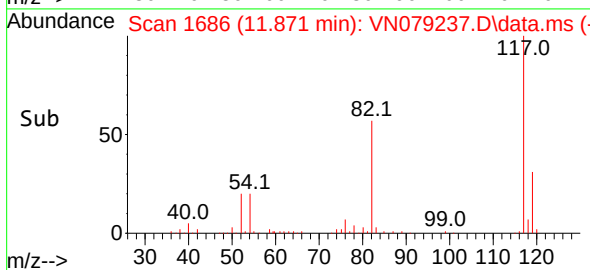
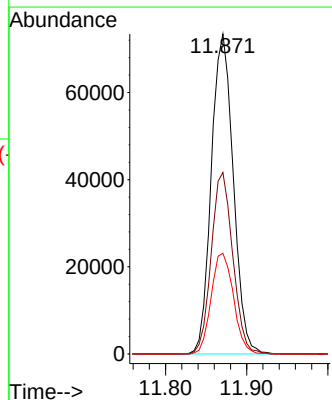
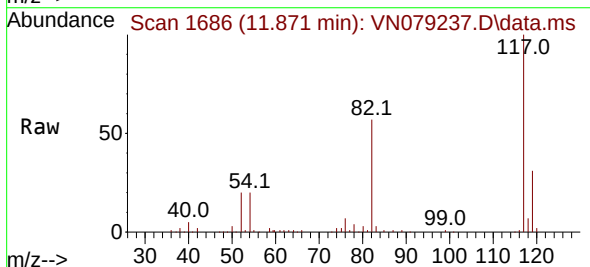
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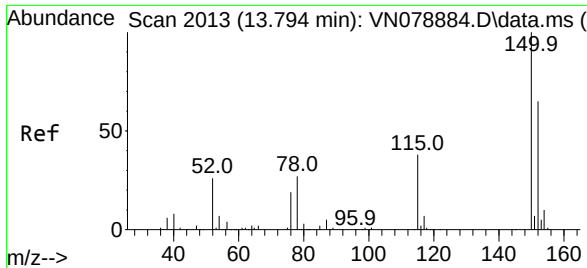
Tgt Ion: 95 Resp: 54098
Ion Ratio Lower Upper
95 100
174 82.7 0.0 143.8
176 80.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079237.D
Acq: 12 Sep 2023 15:53

Tgt Ion: 117 Resp: 137928
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 31.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN079237.D

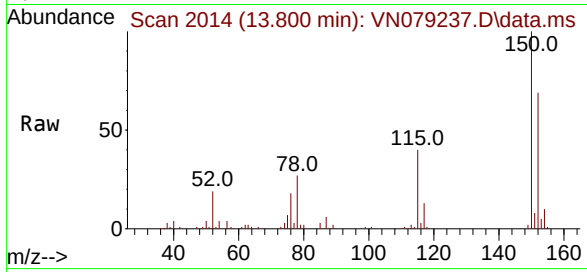
Acq: 12 Sep 2023 15:53

Instrument :

MSVOA_N

ClientSampleId :

TB-02-090723



Tgt Ion:152 Resp: 41176

Ion Ratio Lower Upper

152 100

115 60.9 32.3 96.8

150 156.7 0.0 355.8

