

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079667.D
 Acq On : 24 Oct 2023 19:13
 Operator : JC\MD
 Sample : 05029-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 231010082-44

Quant Time: Oct 25 02:07:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

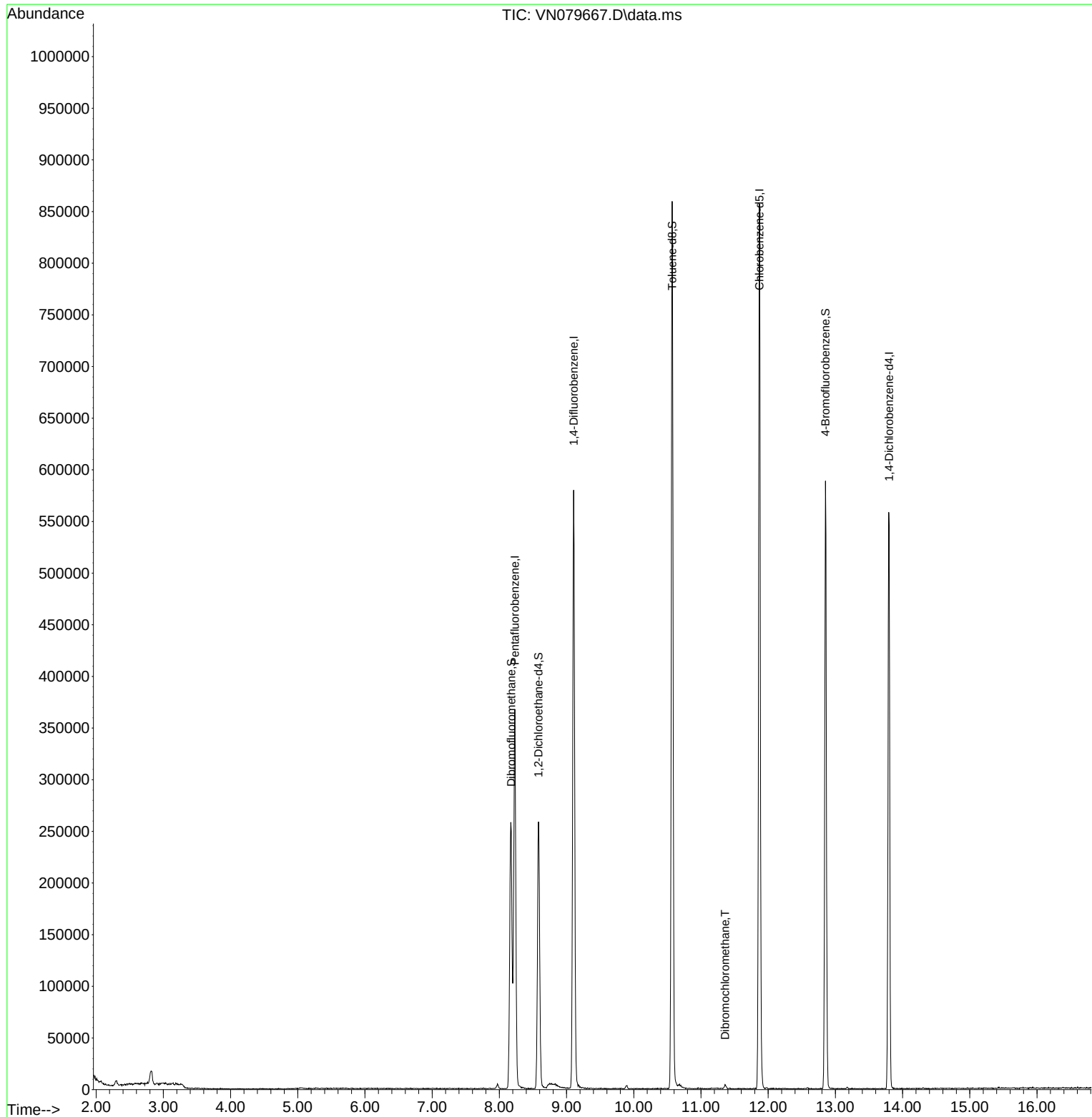
Internal Standards						
1) Pentafluorobenzene	8.230	168	248637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	479215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	478867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	148178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	212595	52.734	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	105.460%	
35) Dibromofluoromethane	8.177	113	186779	54.236	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	108.480%	
50) Toluene-d8	10.571	98	580853	46.615	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.220%	
62) 4-Bromofluorobenzene	12.853	95	194372	48.606	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.220%	
Target Compounds						
60) Dibromochloromethane	11.359	129	2528	0.693	ug/l	Qvalue 95

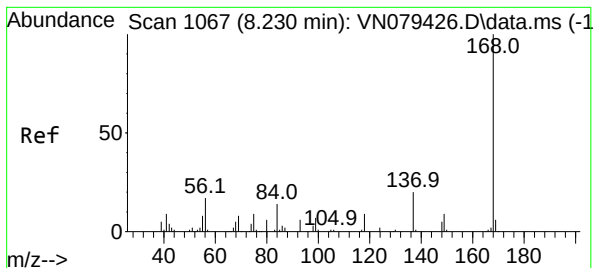
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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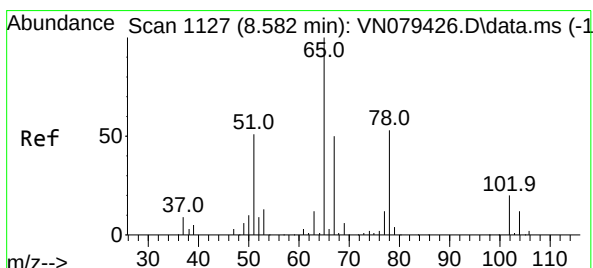
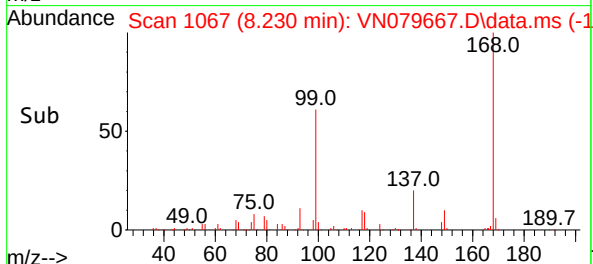
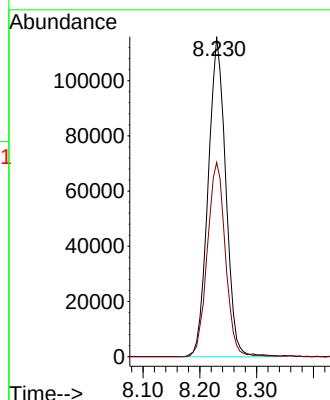
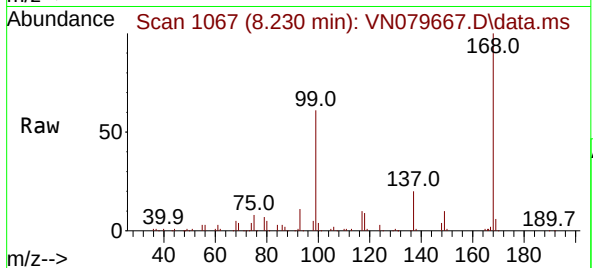




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079667.D
Acq: 24 Oct 2023 19:13

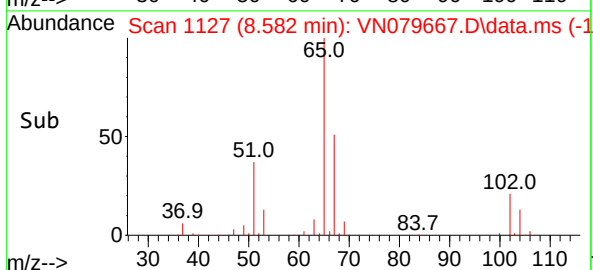
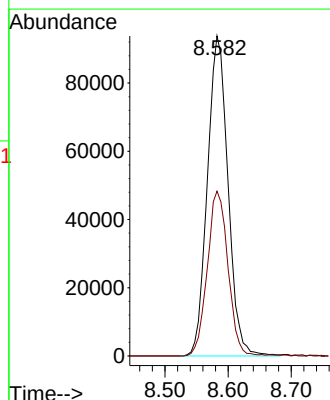
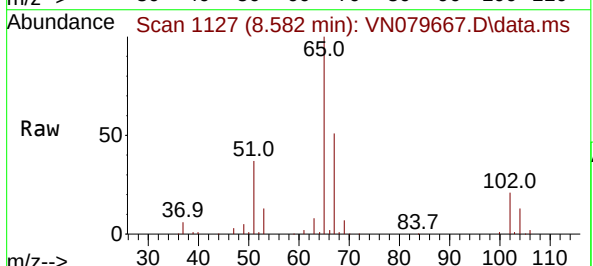
Instrument :
MSVOA_N
ClientSampleId :
231010082-44

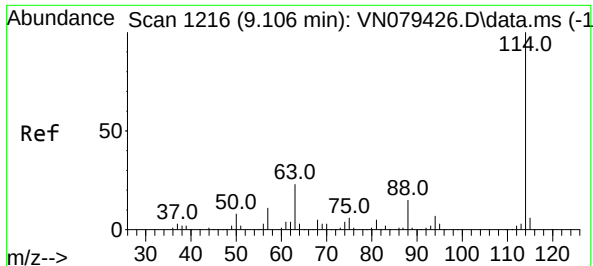
Tgt Ion:168 Resp: 248637
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.734 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079667.D
Acq: 24 Oct 2023 19:13

Tgt Ion: 65 Resp: 212595
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079667.D

Acq: 24 Oct 2023 19:13

Instrument :

MSVOA_N

ClientSampleId :

231010082-44

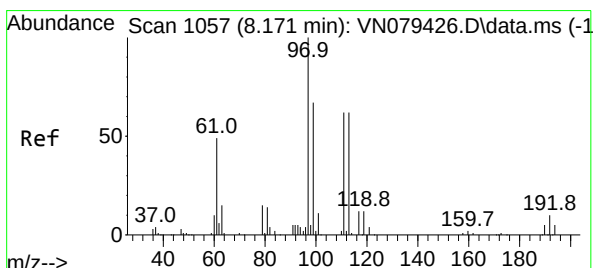
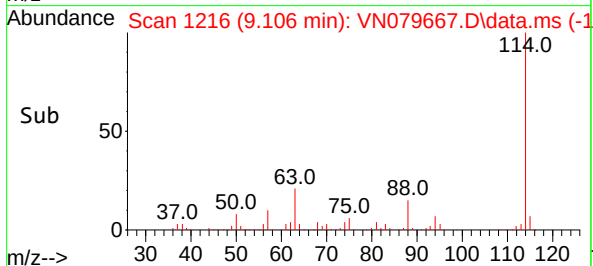
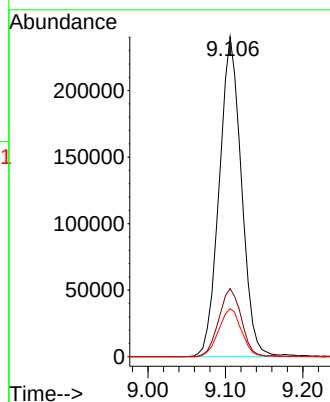
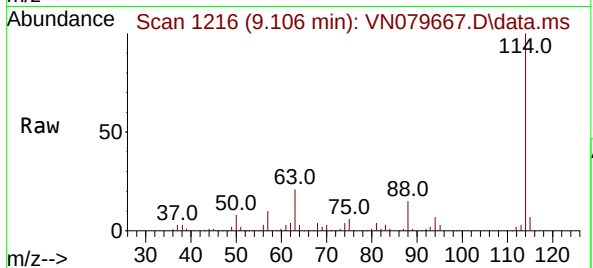
Tgt Ion:114 Resp: 479215

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.236 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079667.D

Acq: 24 Oct 2023 19:13

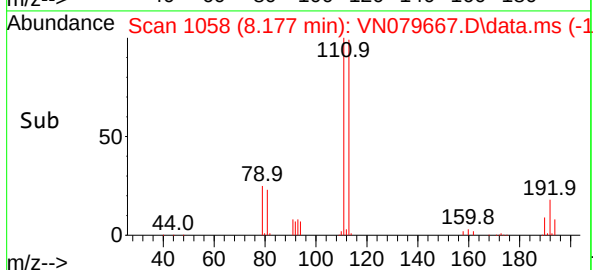
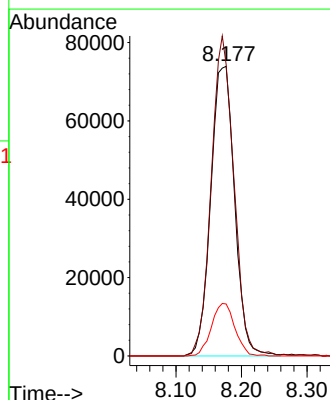
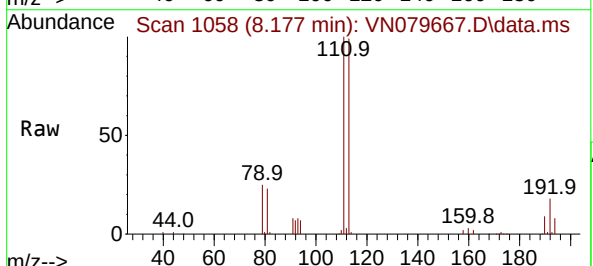
Tgt Ion:113 Resp: 186779

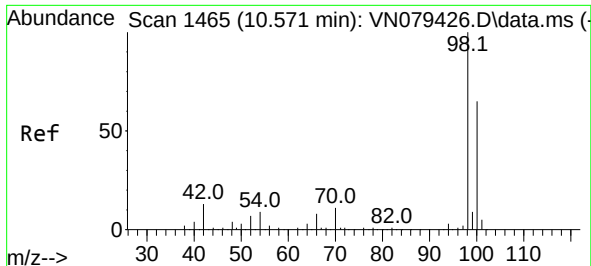
Ion Ratio Lower Upper

113 100

111 104.6 82.6 123.8

192 17.9 12.7 19.1

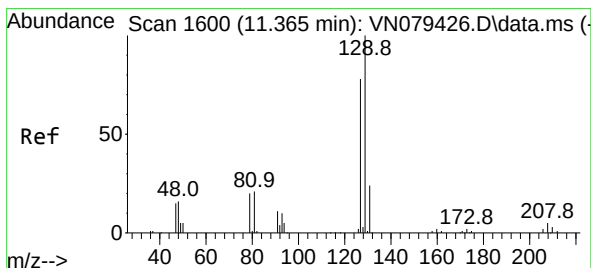
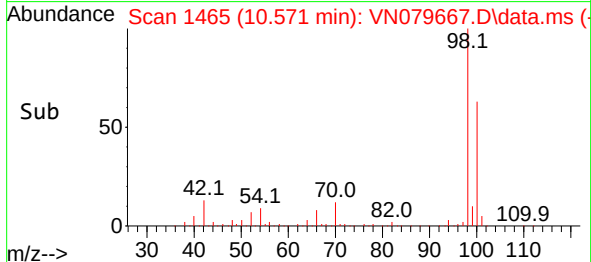
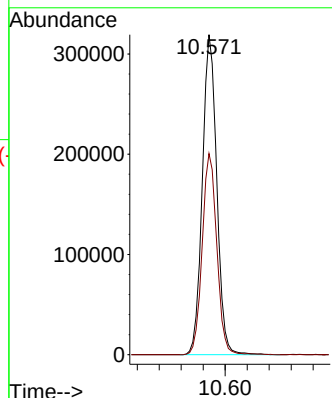
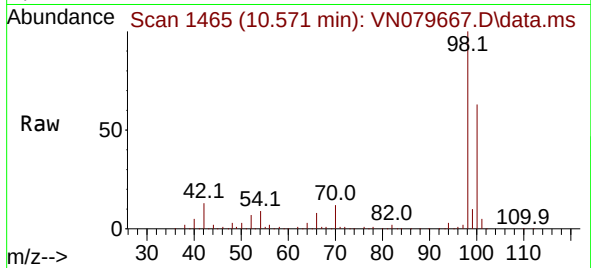




#50
Toluene-d8
Concen: 46.615 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079667.D
Acq: 24 Oct 2023 19:13

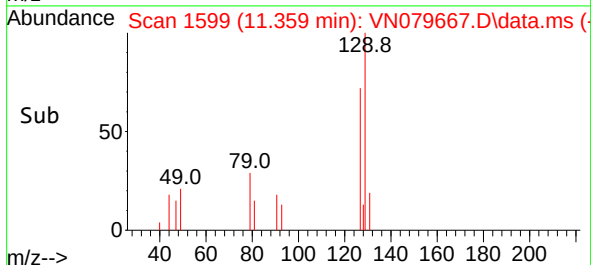
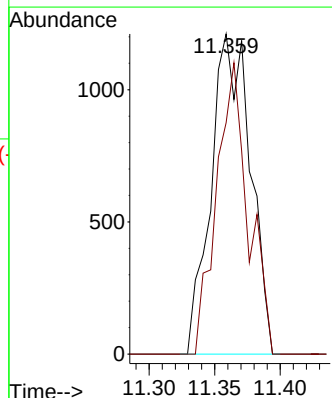
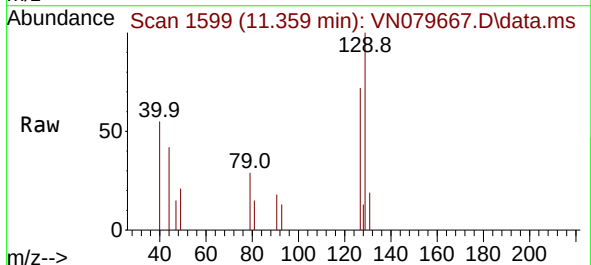
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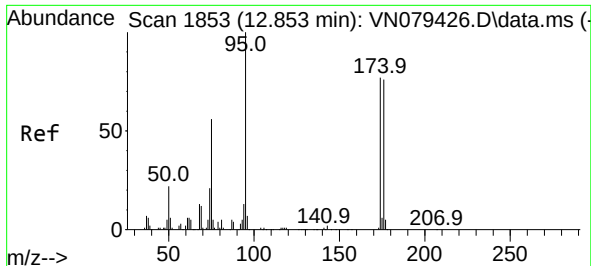
Tgt Ion: 98 Resp: 580853
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#60
Dibromochloromethane
Concen: 0.693 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079667.D
Acq: 24 Oct 2023 19:13

Tgt Ion:129 Resp: 2528
Ion Ratio Lower Upper
129 100
127 73.3 38.6 116.0

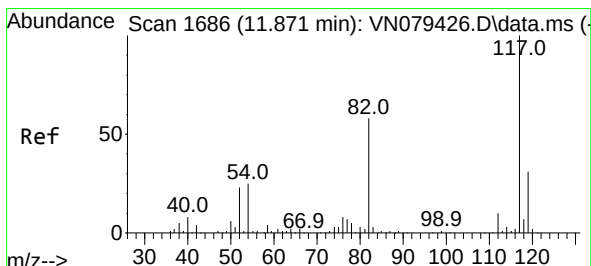
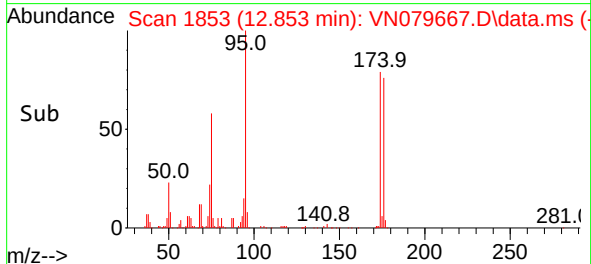
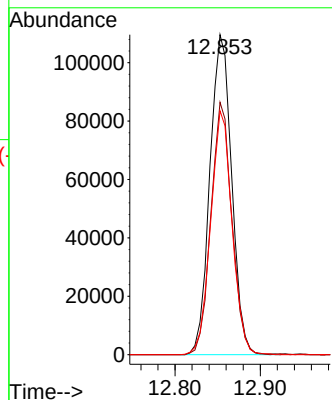
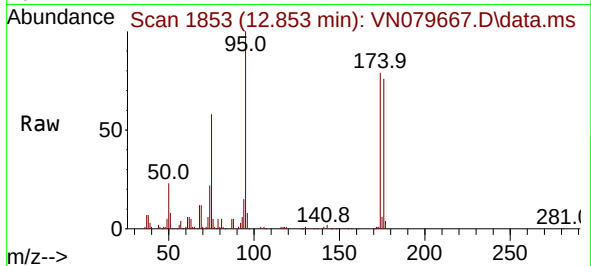




#62
4-Bromofluorobenzene
Concen: 48.606 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079667.D
Acq: 24 Oct 2023 19:13

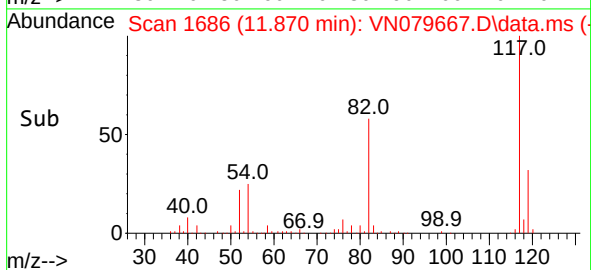
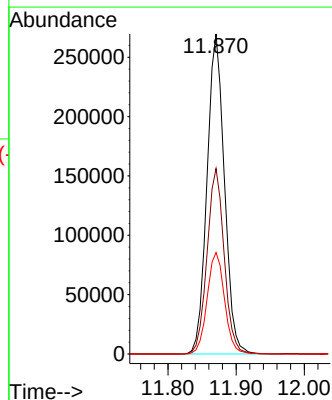
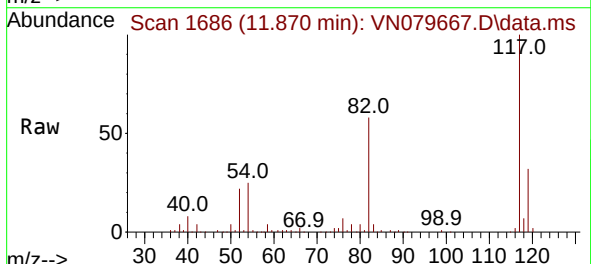
Instrument :
MSVOA_N
ClientSampleId :
231010082-44

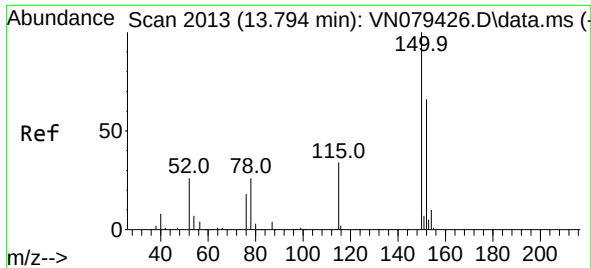
Tgt Ion: 95 Resp: 194372
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 74.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079667.D
Acq: 24 Oct 2023 19:13

Tgt Ion: 117 Resp: 478867
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 31.7 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: VN079667.D

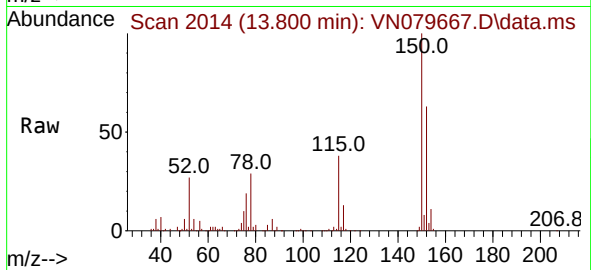
Acq: 24 Oct 2023 19:13

Instrument :

MSVOA_N

ClientSampleId :

231010082-44



Tgt Ion:152 Resp: 148178

Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 158.8 0.0 355.8

