

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079666.D
 Acq On : 24 Oct 2023 18:49
 Operator : JC\MD
 Sample : 05029-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 231010082-43

Quant Time: Oct 25 02:05:39 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)

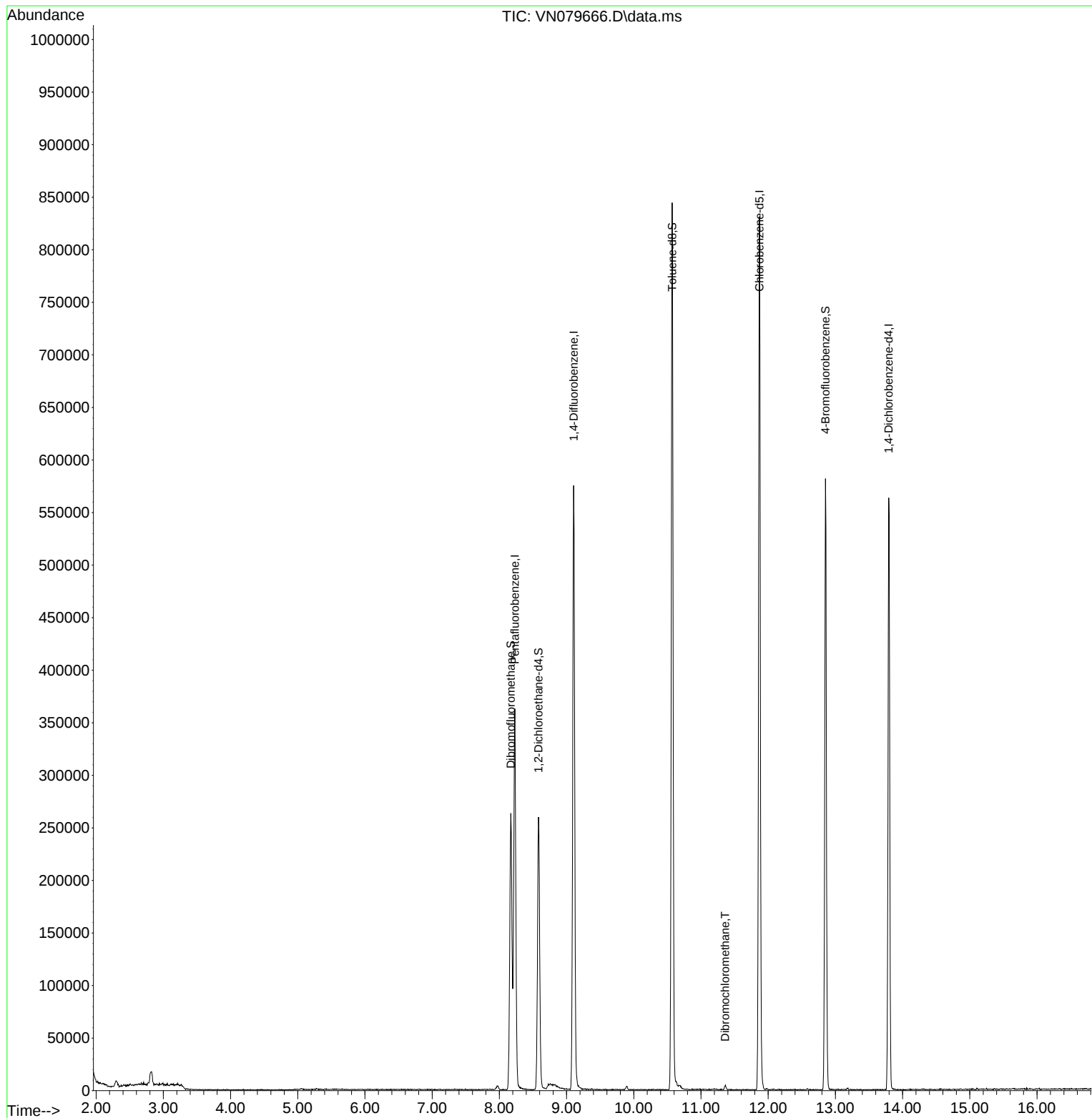
Internal Standards						
1) Pentafluorobenzene	8.229	168	246849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	479603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	470653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	207166	51.760	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.520%			
35) Dibromofluoromethane	8.171	113	185081	53.700	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.400%			
50) Toluene-d8	10.570	98	570182	45.721	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.440%			
62) 4-Bromofluorobenzene	12.853	95	193546	48.361	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.720%			
Target Compounds						Qvalue
60) Dibromochloromethane	11.359	129	2330	0.639	ug/l	99

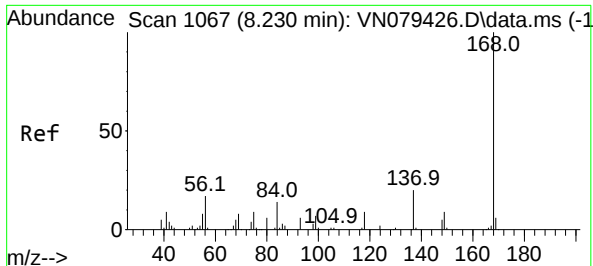
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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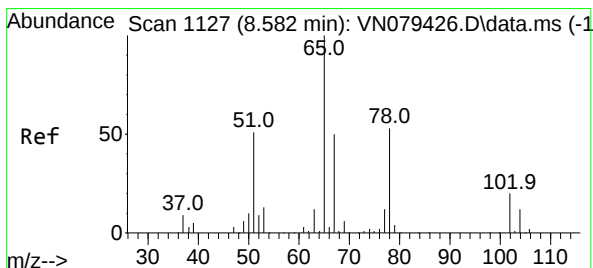
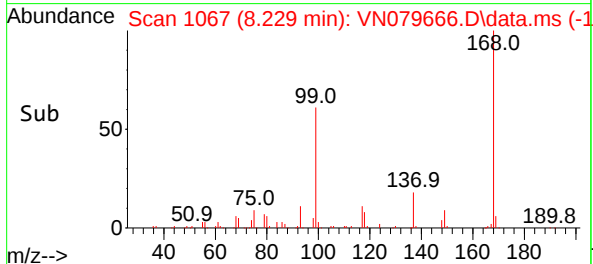
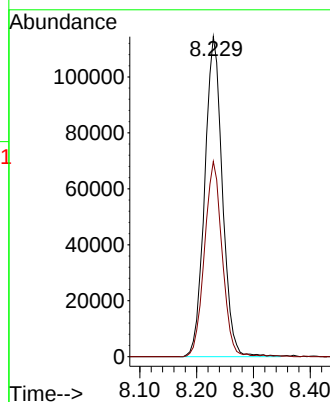
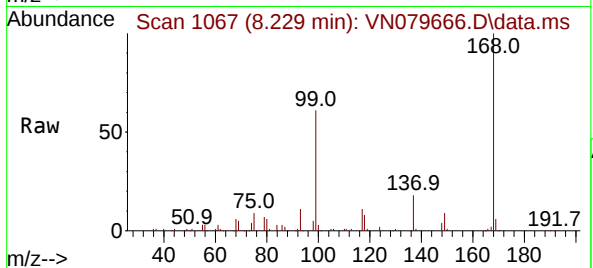




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

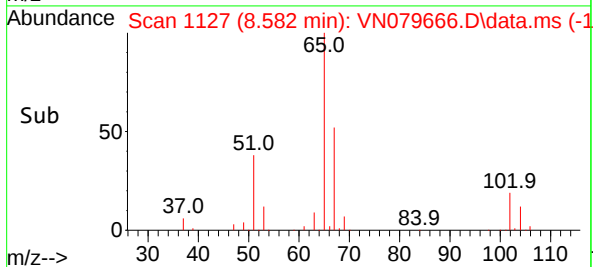
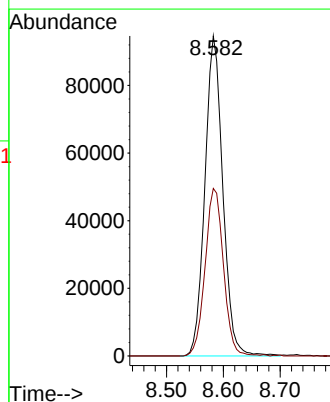
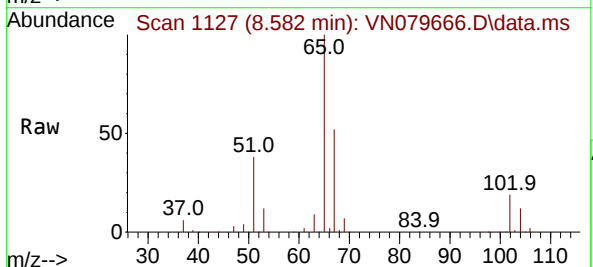
Instrument :
MSVOA_N
ClientSampleId :
231010082-43

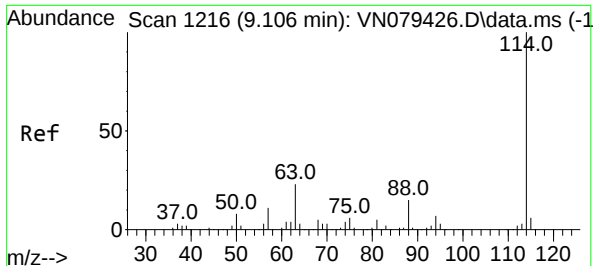
Tgt Ion:168 Resp: 246849
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.760 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

Tgt Ion: 65 Resp: 207166
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079666.D

Acq: 24 Oct 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

231010082-43

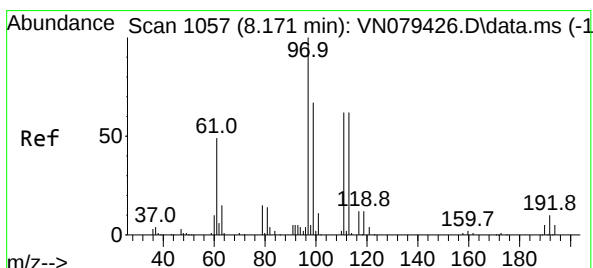
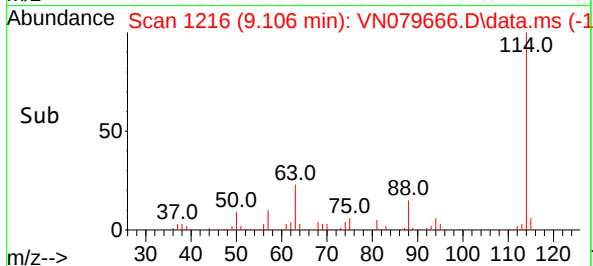
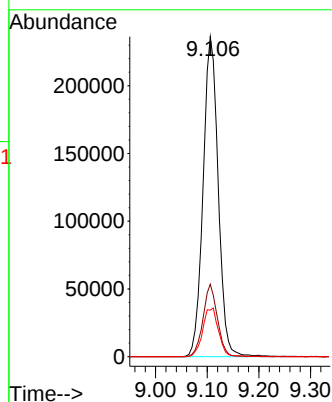
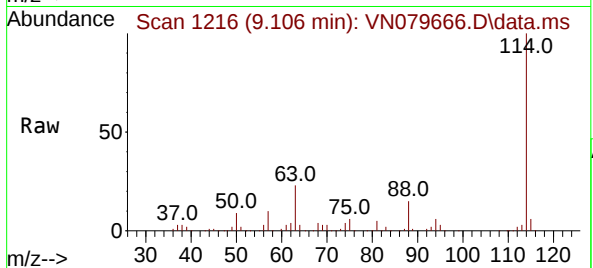
Tgt Ion:114 Resp: 479603

Ion Ratio Lower Upper

114 100

63 22.6 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.700 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079666.D

Acq: 24 Oct 2023 18:49

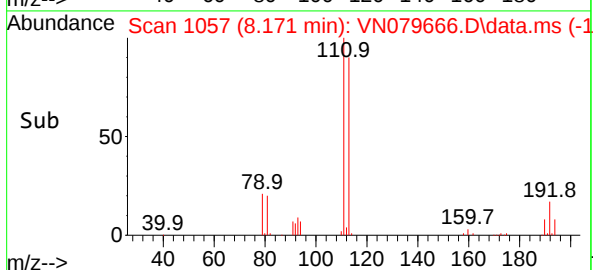
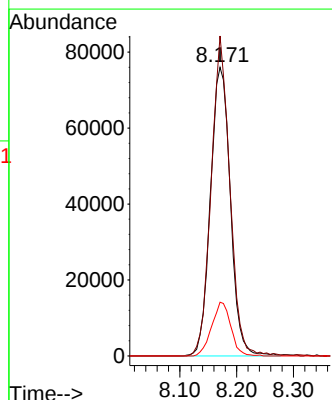
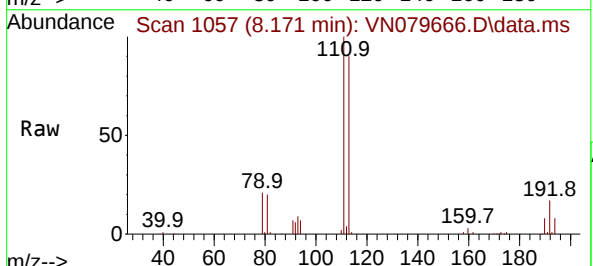
Tgt Ion:113 Resp: 185081

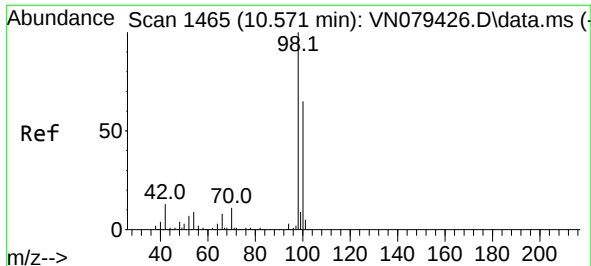
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 17.9 12.7 19.1





#50

Toluene-d8

Concen: 45.721 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079666.D

Acq: 24 Oct 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

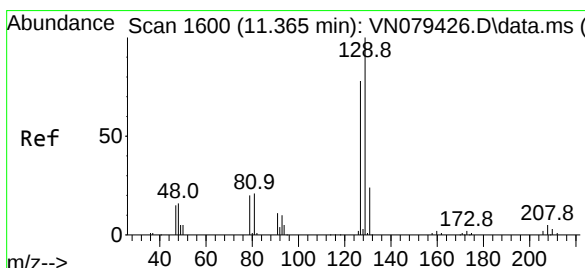
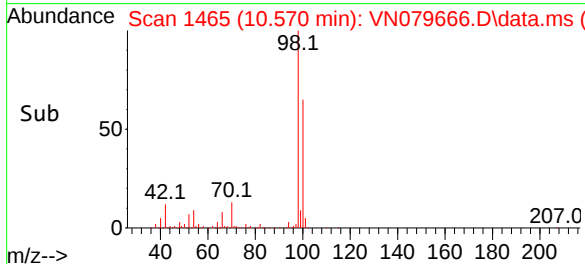
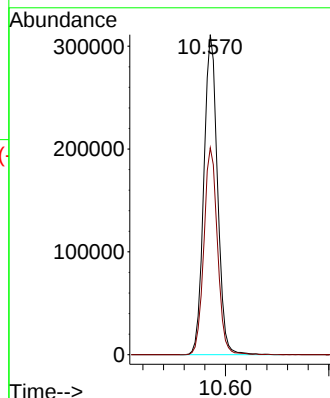
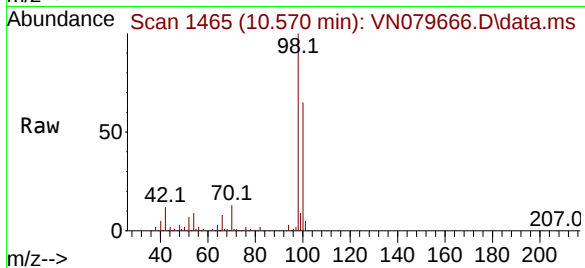
231010082-43

Tgt Ion: 98 Resp: 570182

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#60

Dibromochloromethane

Concen: 0.639 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VN079666.D

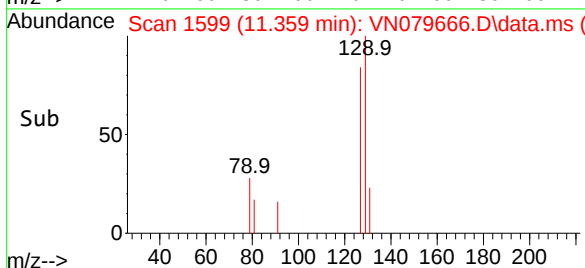
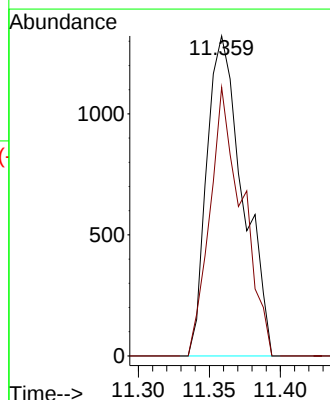
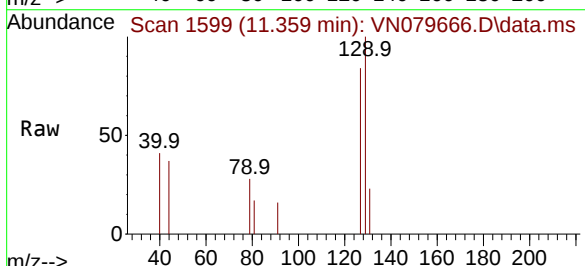
Acq: 24 Oct 2023 18:49

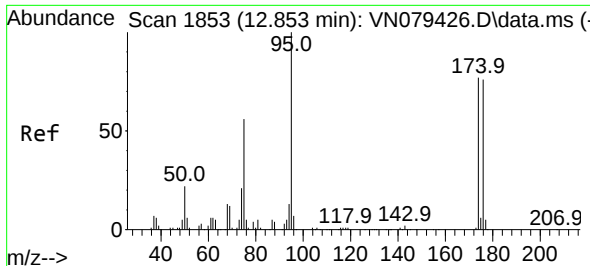
Tgt Ion:129 Resp: 2330

Ion Ratio Lower Upper

129 100

127 76.1 38.6 116.0

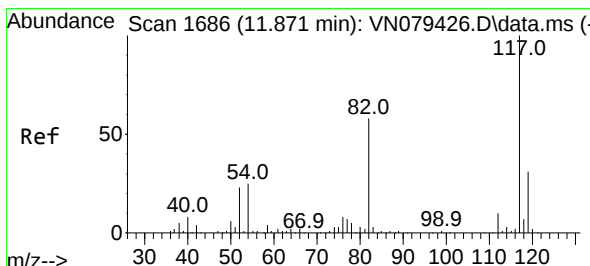
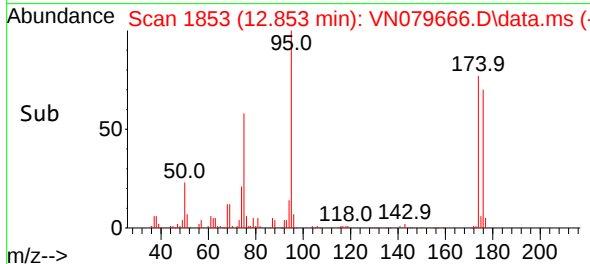
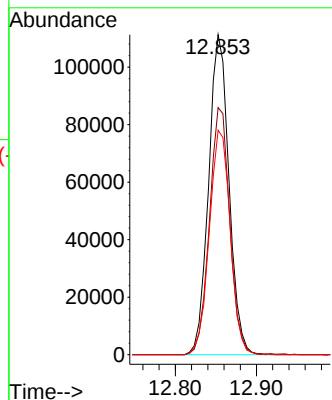
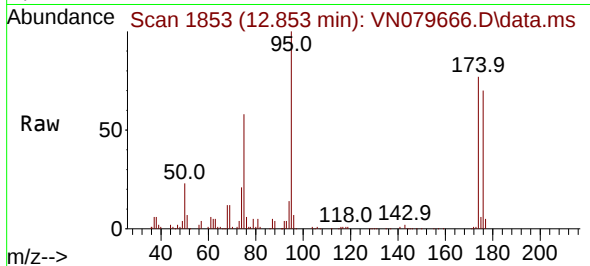




#62
4-Bromofluorobenzene
Concen: 48.361 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

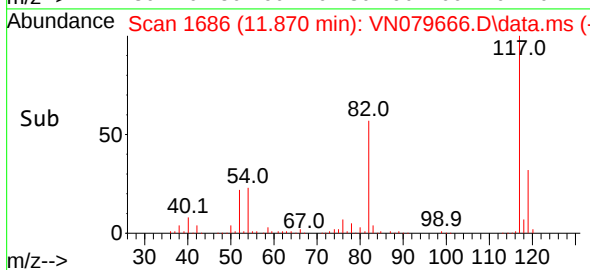
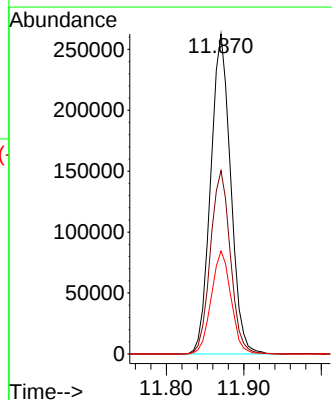
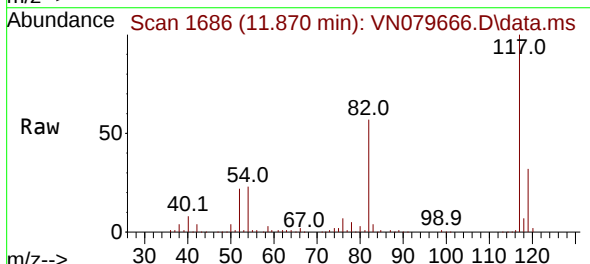
Instrument :
MSVOA_N
ClientSampleId :
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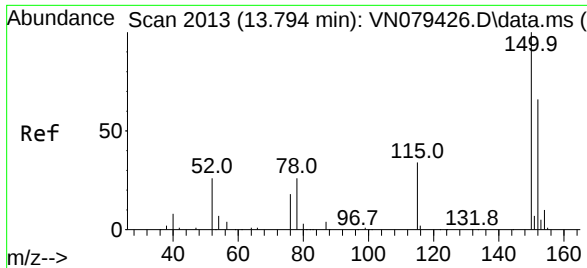
Tgt Ion: 95 Resp: 193546
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 71.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079666.D
Acq: 24 Oct 2023 18:49

Tgt Ion: 117 Resp: 470653
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 32.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079666.D
 Acq: 24 Oct 2023 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 231010082-43

Tgt Ion:152 Resp: 150014
 Ion Ratio Lower Upper
 152 100
 115 62.4 32.3 96.8
 150 153.0 0.0 355.8

