

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079797.D
 Acq On : 02 Nov 2023 15:11
 Operator : JC\MD
 Sample : 05224-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-EB-20231030

Quant Time: Nov 03 04:01:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	229118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	459911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	457744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182724	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	202442	57.995	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.980%
35) Dibromofluoromethane	8.171	113	172434	52.974	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.940%
50) Toluene-d8	10.571	98	593542	49.532	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.853	95	194994	49.065	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.140%

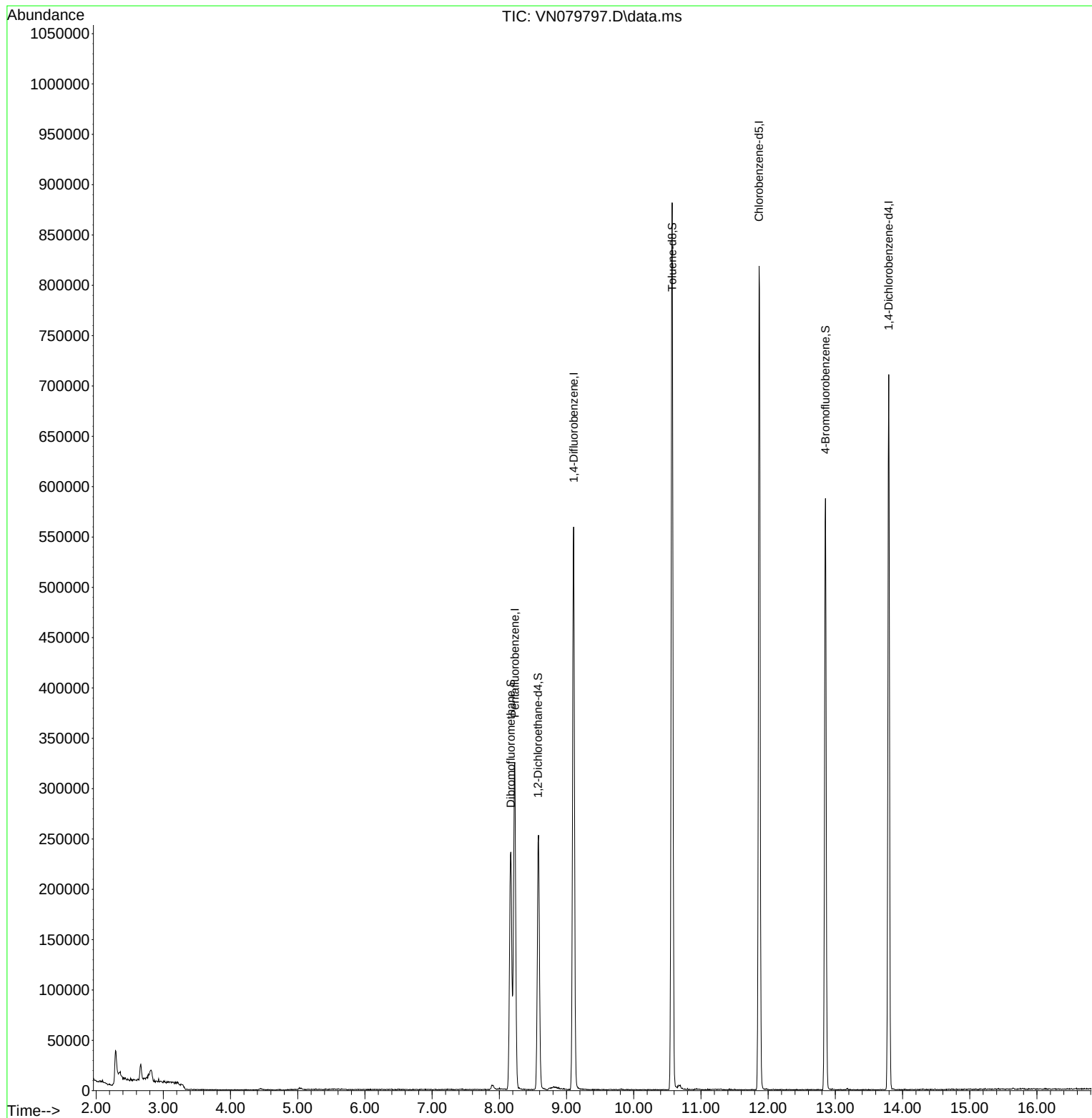
Target Compounds	Qvalue

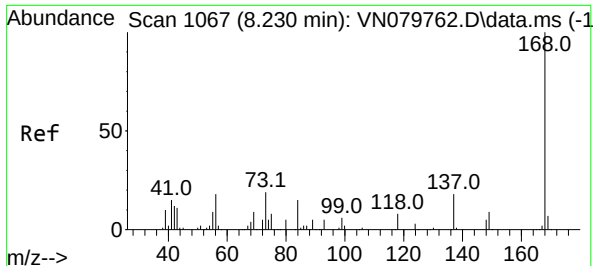
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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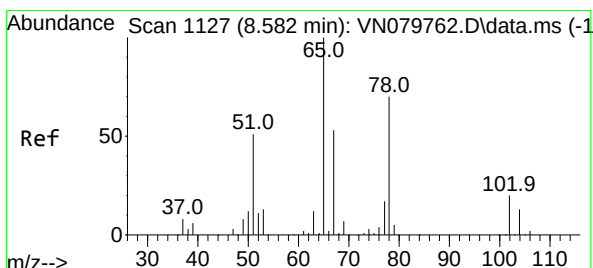
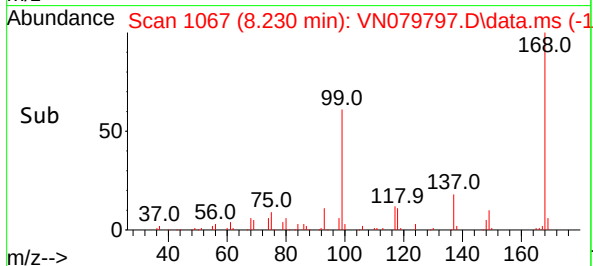
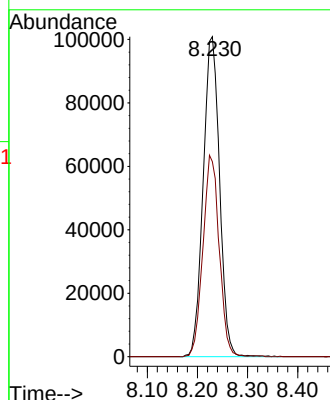
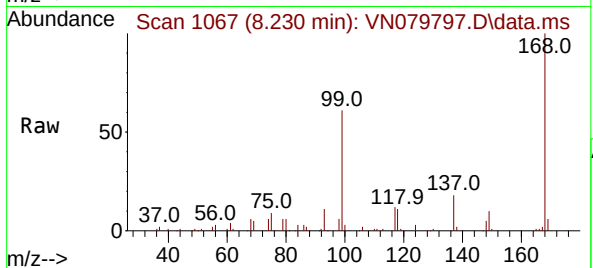




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. 0.001 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

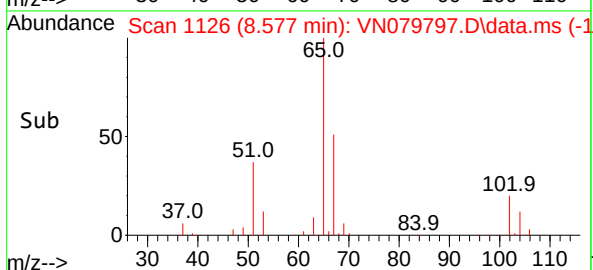
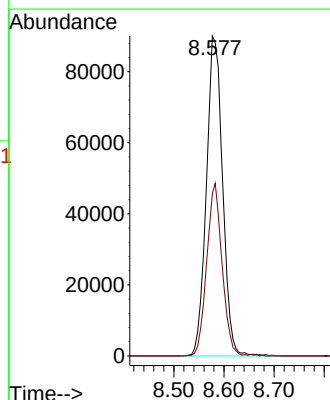
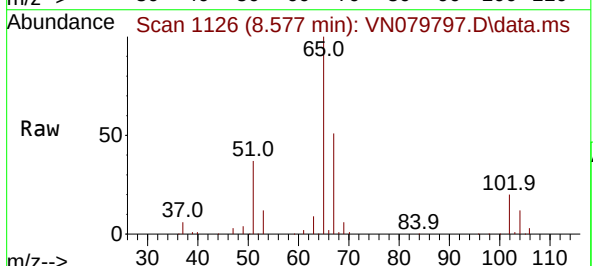
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-EB-20231030

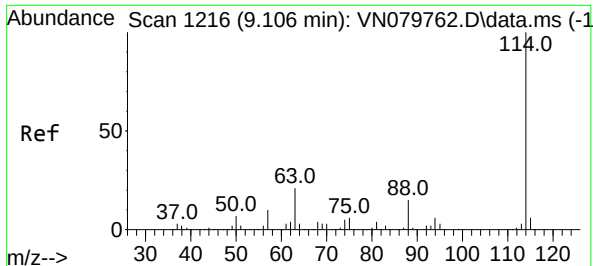
Tgt Ion:168 Resp: 229118
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.995 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

Tgt Ion: 65 Resp: 202442
Ion Ratio Lower Upper
65 100
67 51.1 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: VN079797.D

Acq: 02 Nov 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-EB-20231030

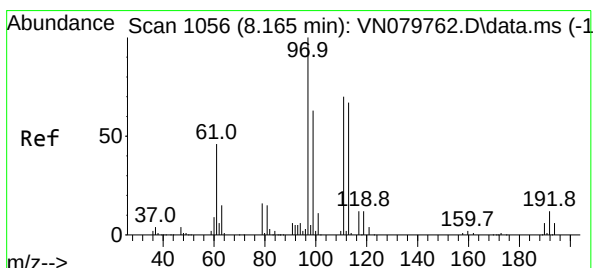
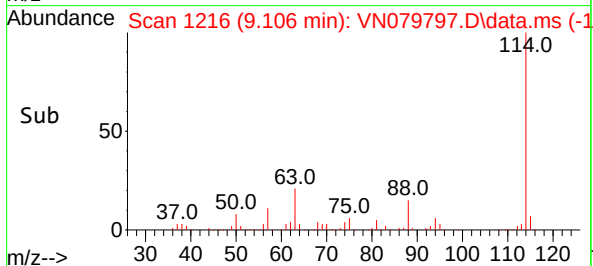
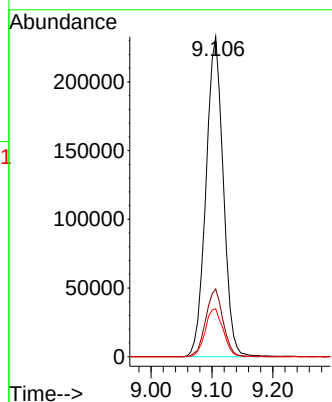
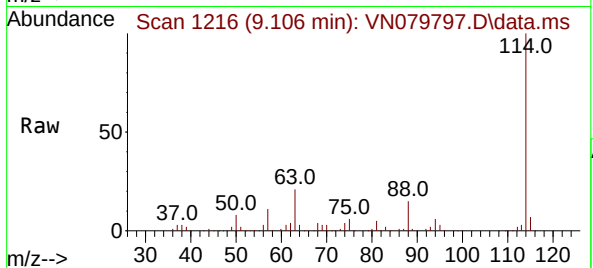
Tgt Ion:114 Resp: 459911

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.974 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079797.D

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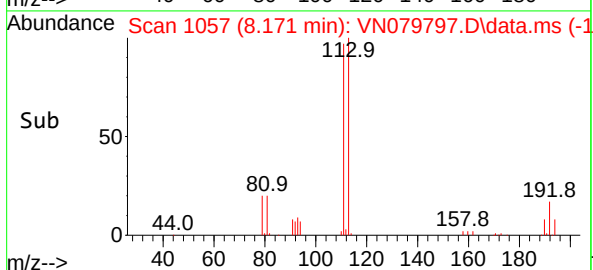
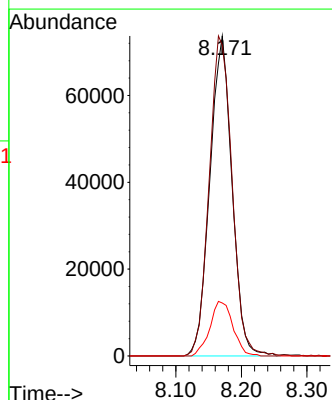
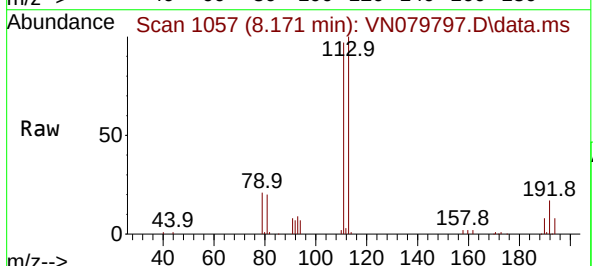
Tgt Ion:113 Resp: 172434

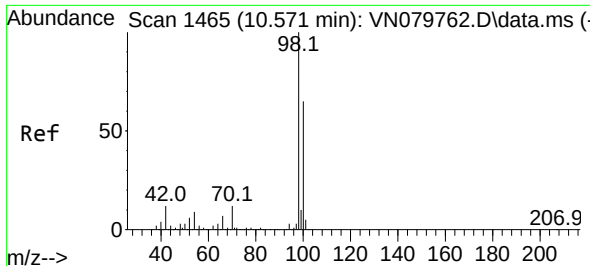
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 17.7 12.7 19.1

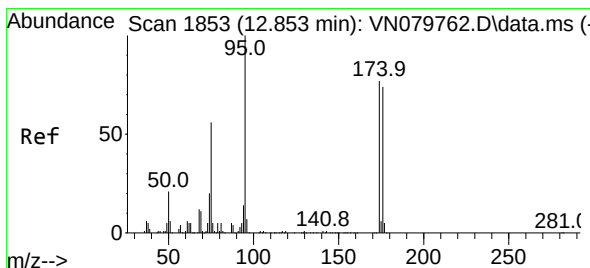
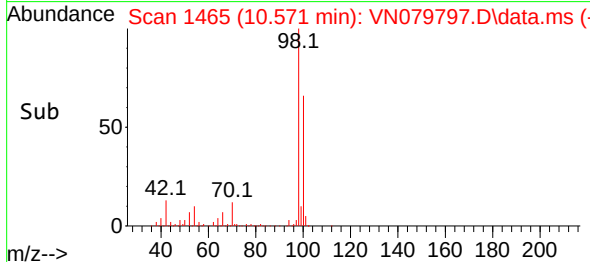
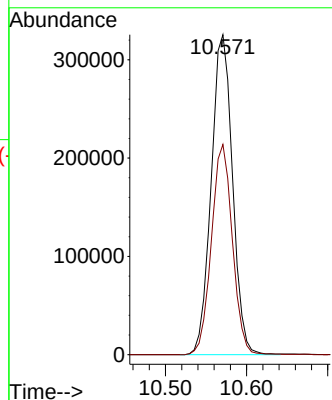
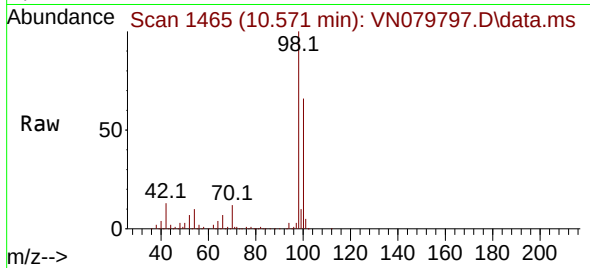




#50
Toluene-d8
Concen: 49.532 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

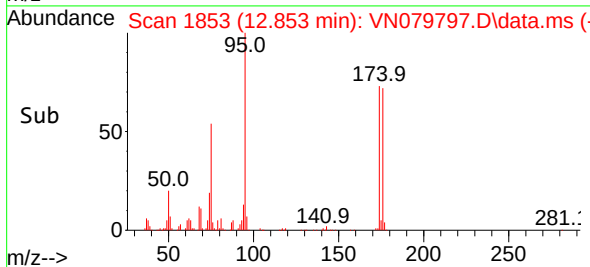
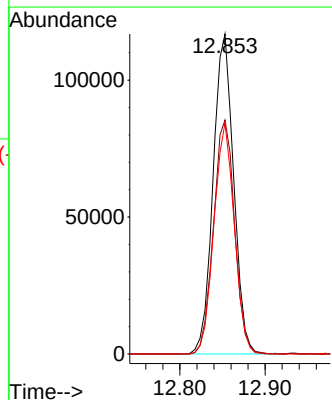
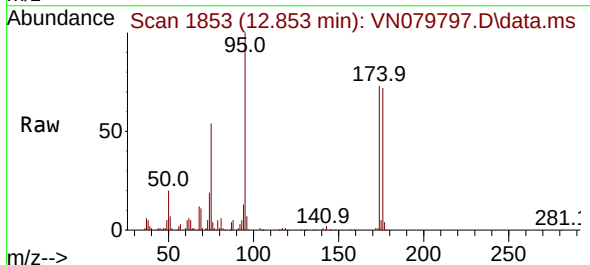
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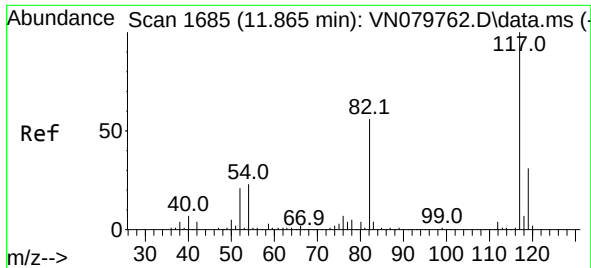
Tgt Ion: 98 Resp: 593542
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.065 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

Tgt Ion: 95 Resp: 194994
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 71.5 0.0 135.8

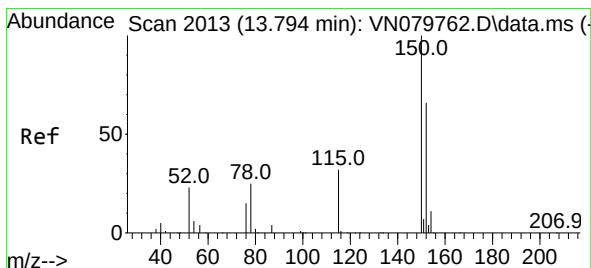
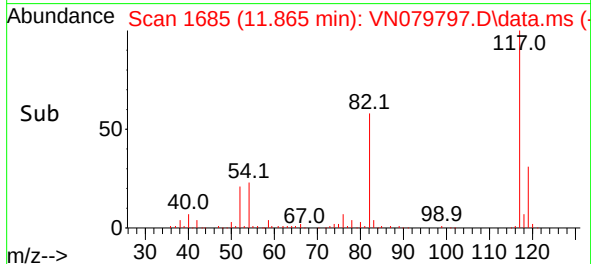
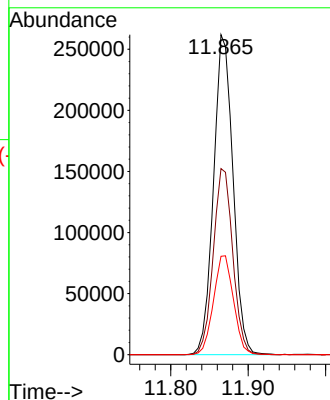
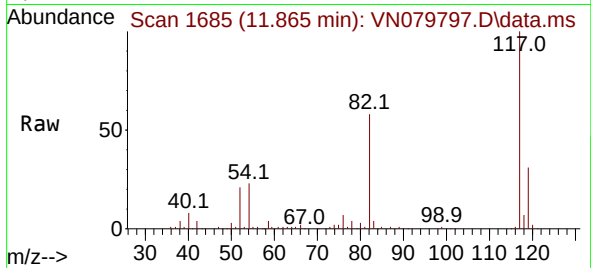




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-EB-20231030

Tgt Ion:117 Resp: 457744
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 30.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079797.D
Acq: 02 Nov 2023 15:11

Tgt Ion:152 Resp: 182724
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 156.8 0.0 355.8

