

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079796.D
 Acq On : 02 Nov 2023 14:47
 Operator : JC\MD
 Sample : 05224-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Nov 03 04:01:28 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	231901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	453753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	461549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	205861	58.267	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.540%
35) Dibromofluoromethane	8.171	113	172994	53.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.740%
50) Toluene-d8	10.571	98	598548	50.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.853	95	195219	49.788	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.580%

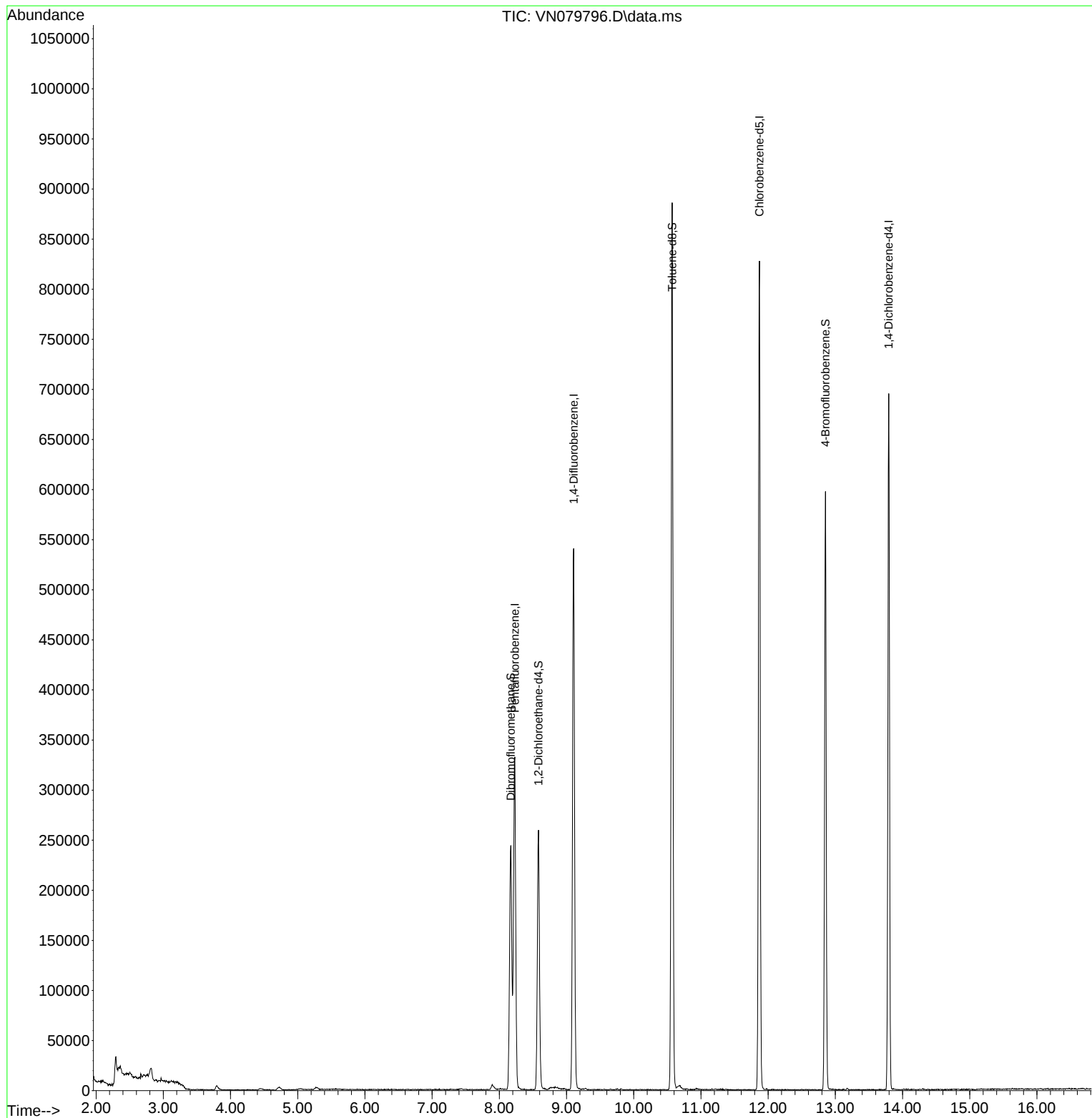
Target Compounds	Qvalue

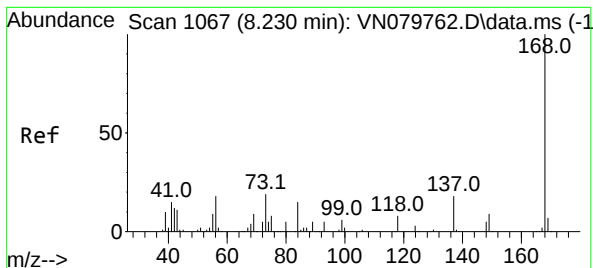
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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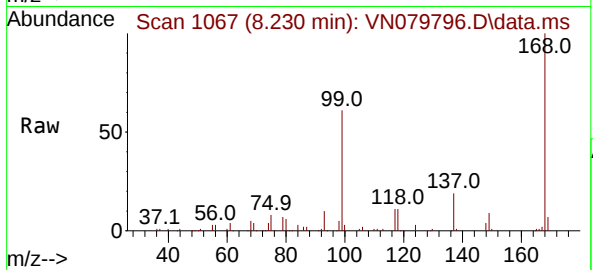
Quant Time: Nov 03 04:01:28 2023
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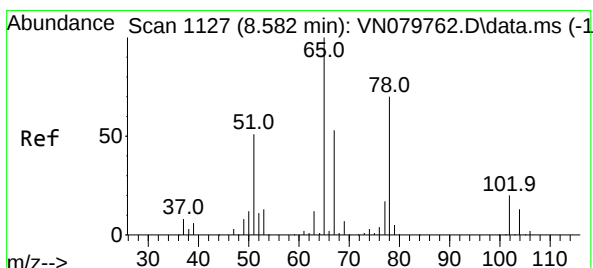
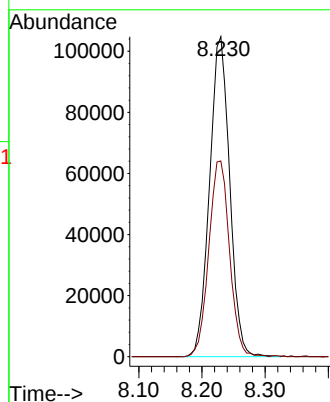
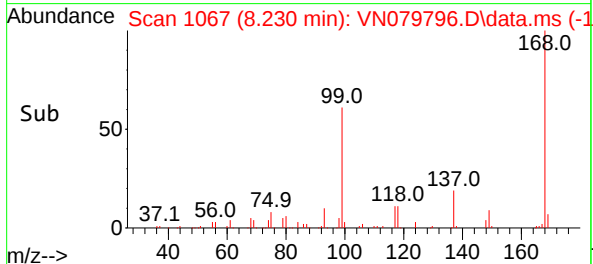


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

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

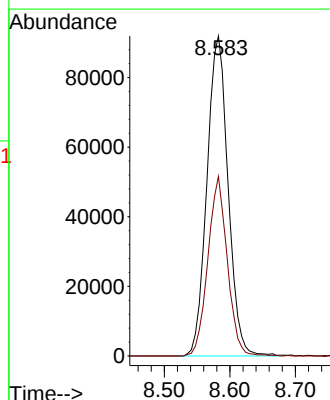
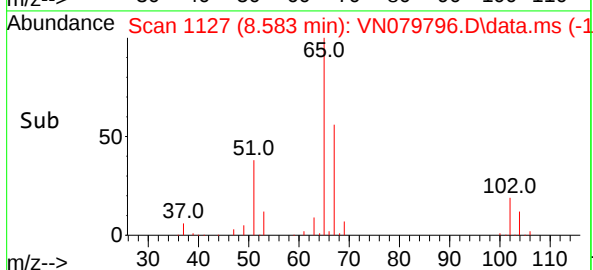
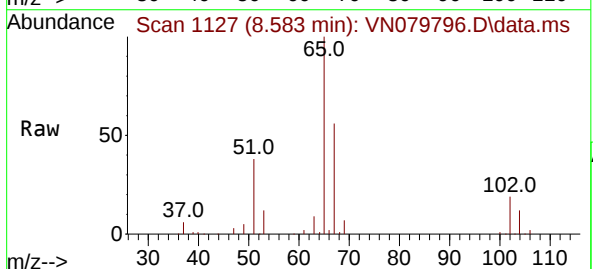


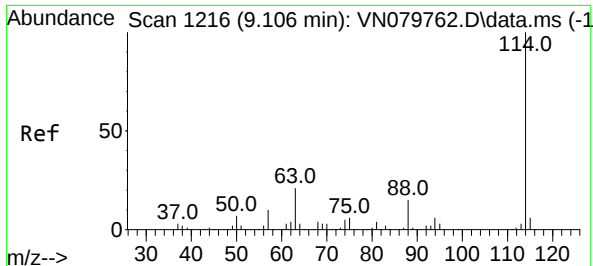
Tgt Ion:168 Resp: 231901
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 58.267 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079796.D
Acq: 02 Nov 2023 14:47

Tgt Ion: 65 Resp: 205861
Ion Ratio Lower Upper
65 100
67 51.6 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: VN079796.D

Acq: 02 Nov 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-TB-20231030

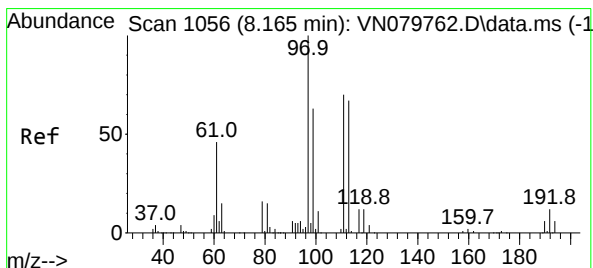
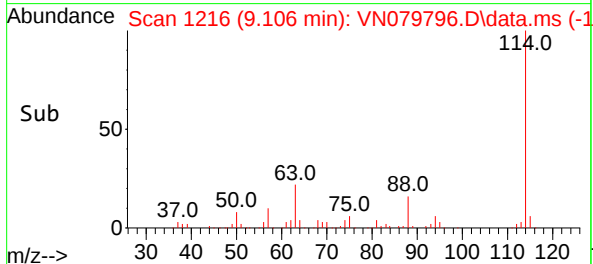
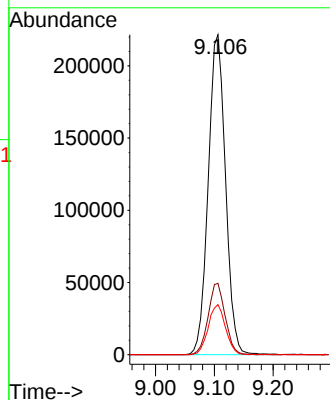
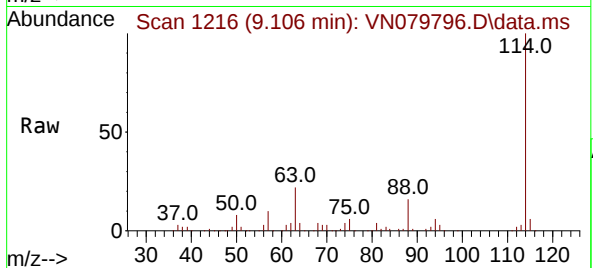
Tgt Ion:114 Resp: 453753

Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.867 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

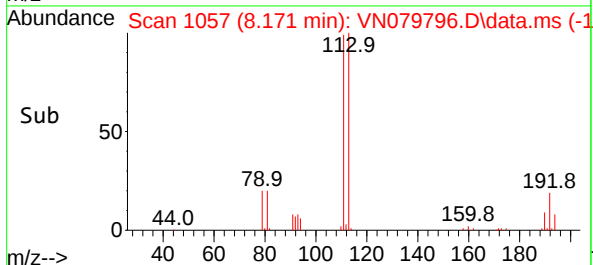
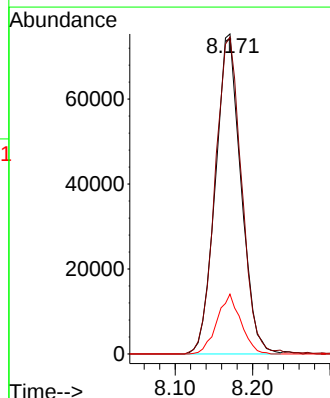
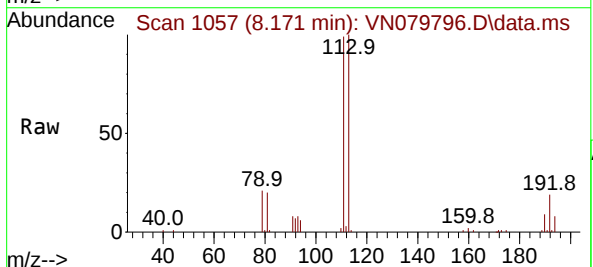
Tgt Ion:113 Resp: 172994

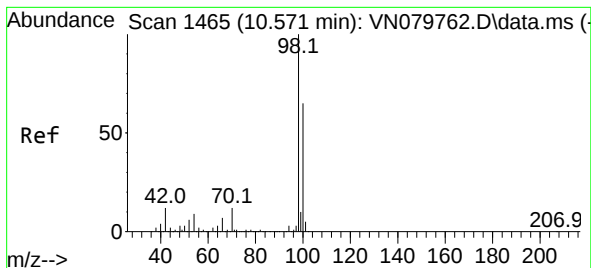
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.5 12.7 19.1





#50

Toluene-d8

Concen: 50.627 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

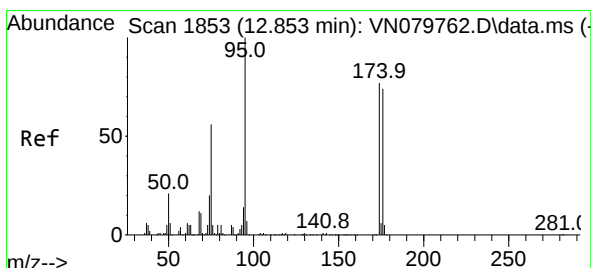
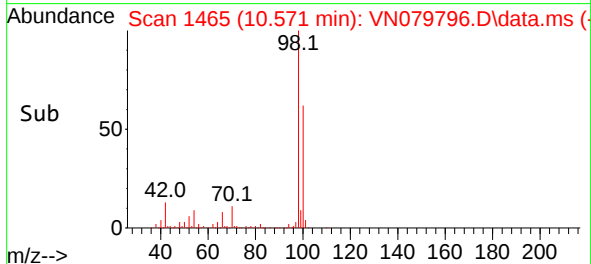
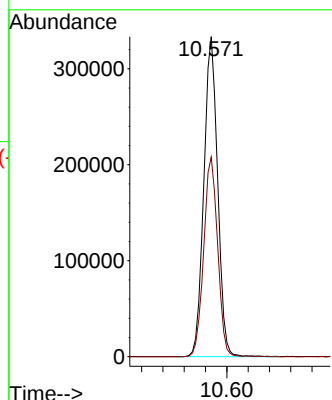
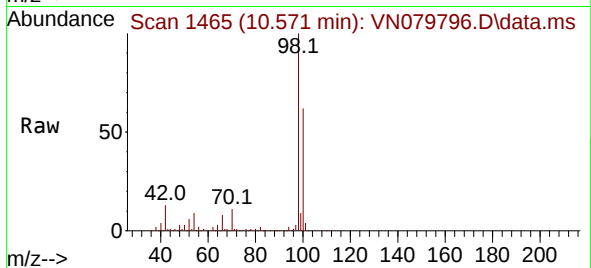
BP-VPB-188-TB-20231030

Tgt Ion: 98 Resp: 598548

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.788 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

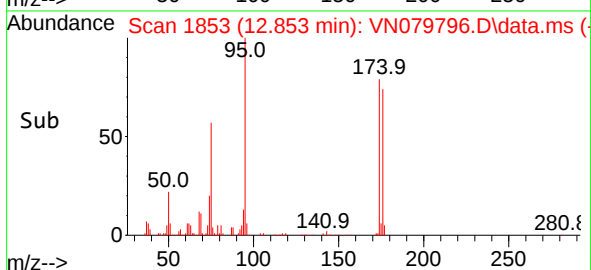
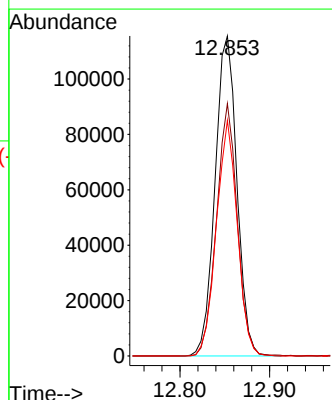
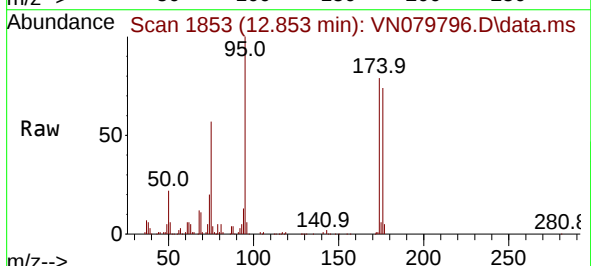
Tgt Ion: 95 Resp: 195219

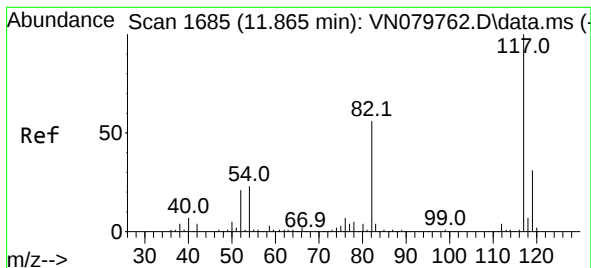
Ion Ratio Lower Upper

95 100

174 75.2 0.0 143.8

176 70.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079796.D

Acq: 02 Nov 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-TB-20231030

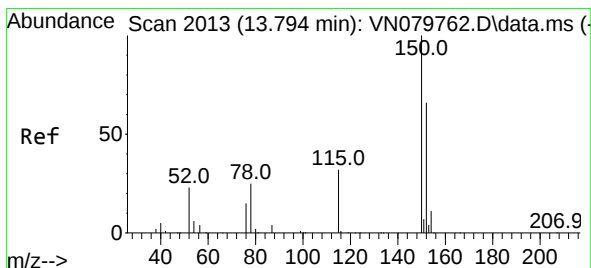
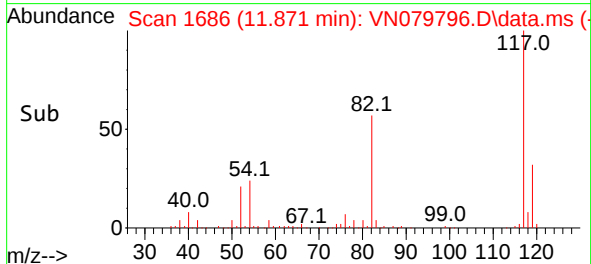
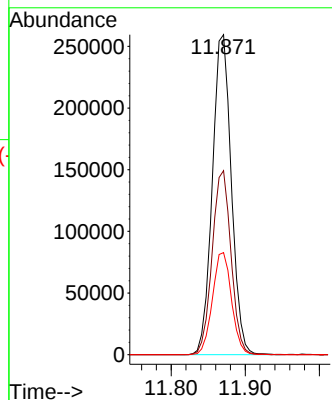
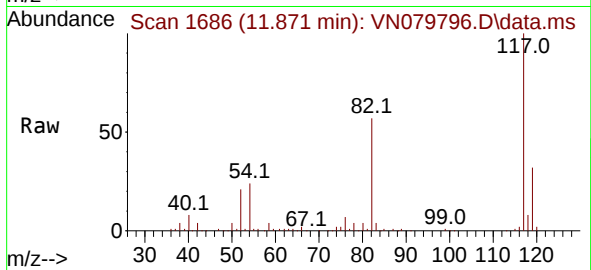
Tgt Ion:117 Resp: 461549

Ion Ratio Lower Upper

117 100

82 57.5 44.0 66.0

119 31.9 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: VN079796.D

Acq: 02 Nov 2023 14:47

Tgt Ion:152 Resp: 177810

Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 158.2 0.0 355.8

