

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077906.D
 Acq On : 25 May 2023 16:50
 Operator : JC\MD
 Sample : 02944-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-378-380

Quant Time: May 26 04:34:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	393580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	738488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	655382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	213532	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	273735	46.483	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.960%
35) Dibromofluoromethane	8.171	113	235776	48.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	10.571	98	902650	48.698	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.859	95	298088	45.535	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.060%

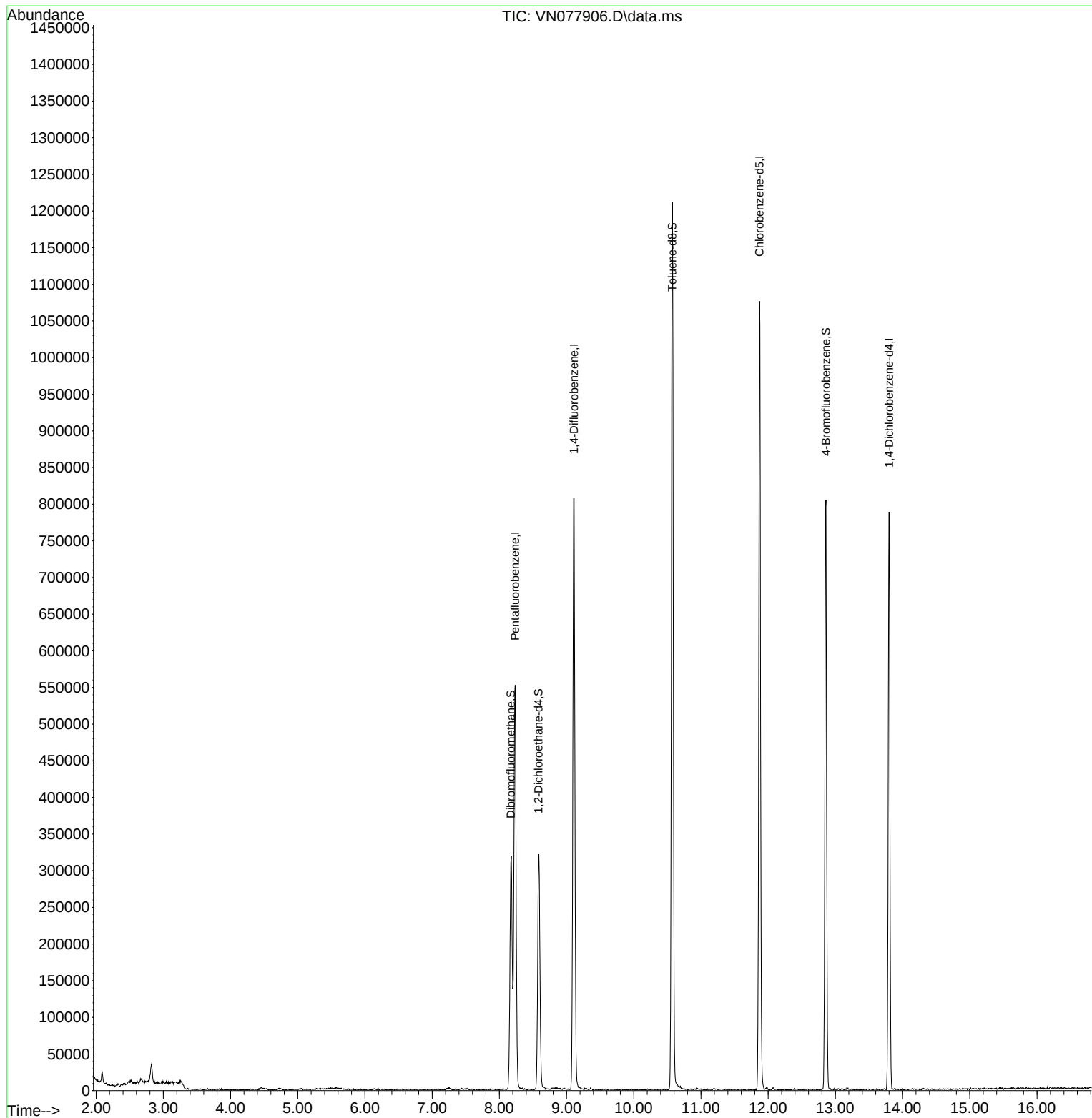
Target Compounds	Qvalue

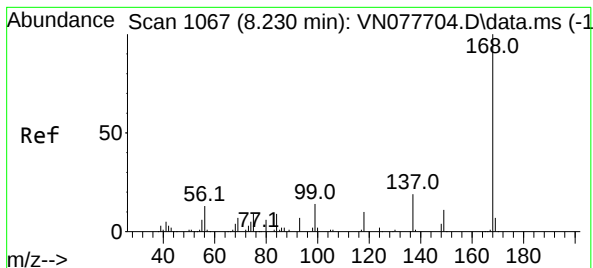
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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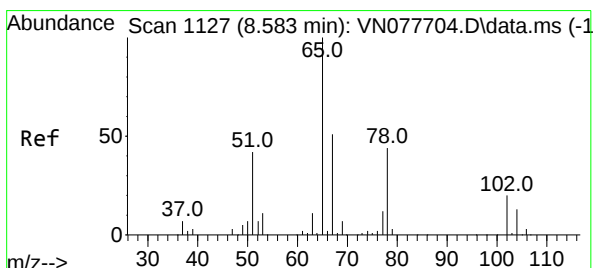
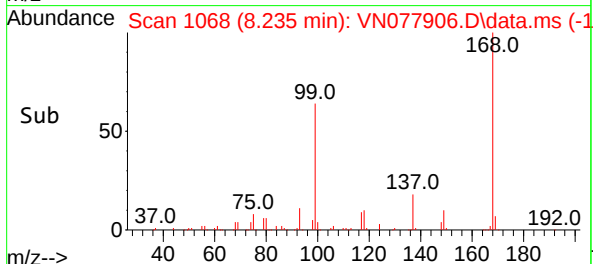
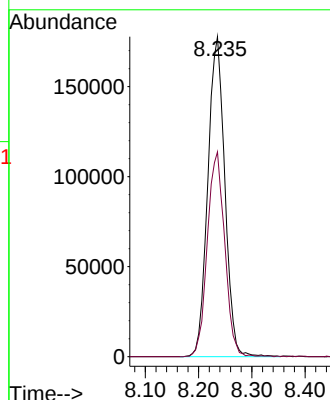
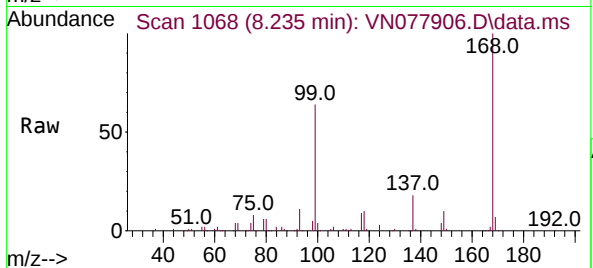




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077906.D
Acq: 25 May 2023 16:50

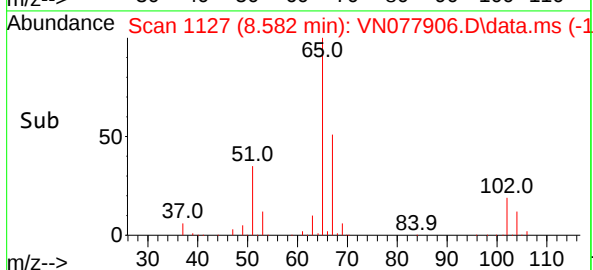
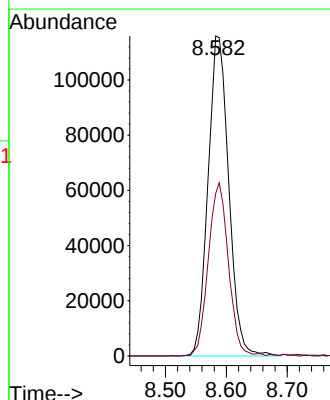
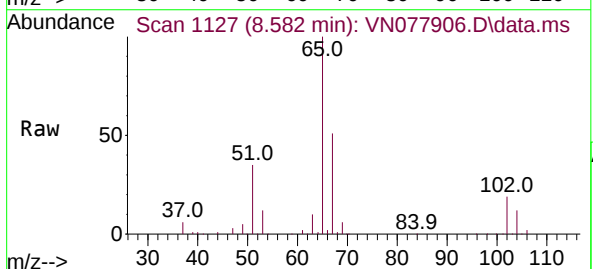
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-378-380

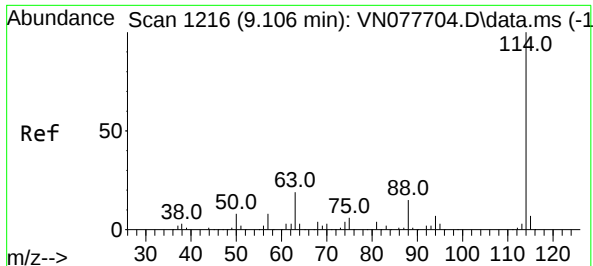
Tgt Ion:168 Resp: 393580
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.483 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077906.D
Acq: 25 May 2023 16:50

Tgt Ion: 65 Resp: 273735
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077906.D

Acq: 25 May 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-378-380

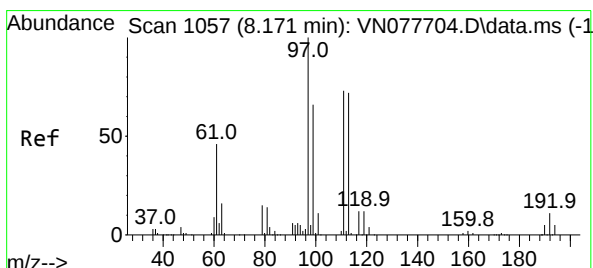
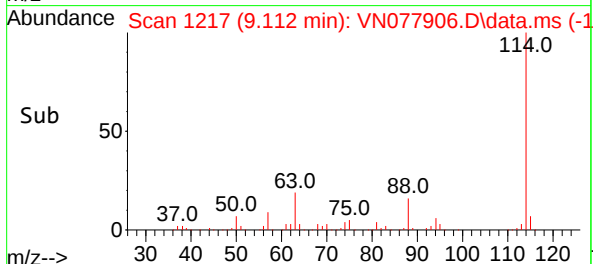
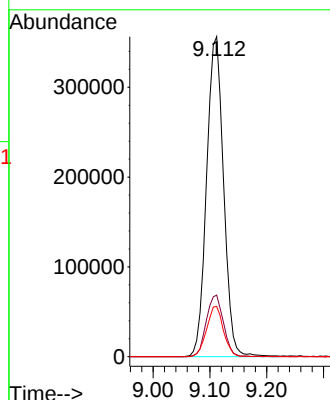
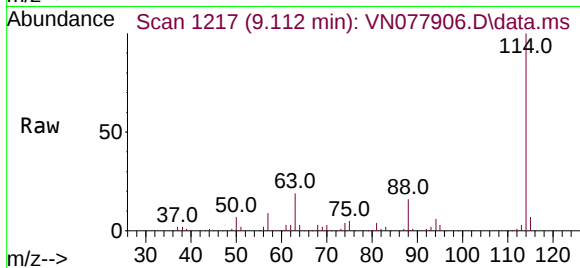
Tgt Ion:114 Resp: 738488

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.961 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077906.D

Acq: 25 May 2023 16:50

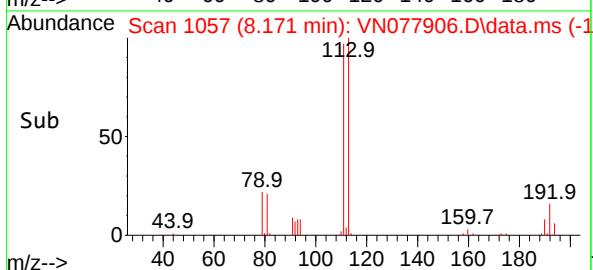
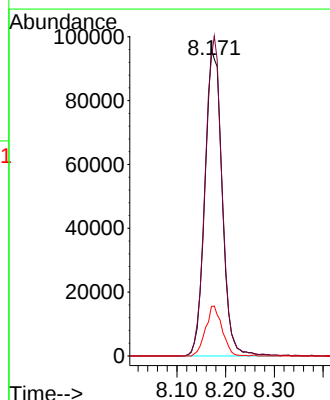
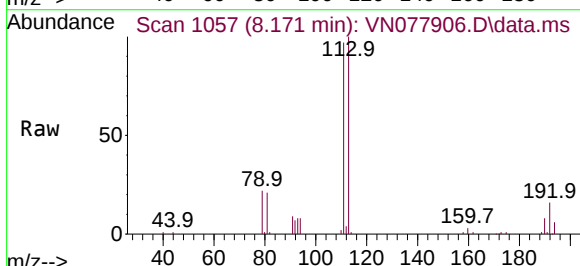
Tgt Ion:113 Resp: 235776

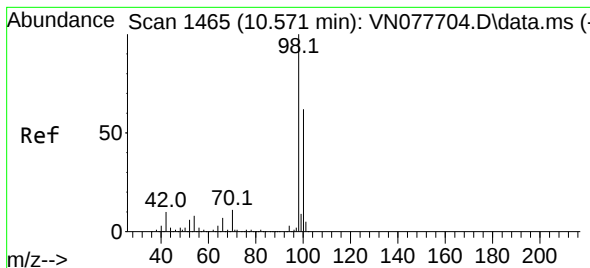
Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 15.6 12.7 19.1





#50

Toluene-d8

Concen: 48.698 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077906.D

Acq: 25 May 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

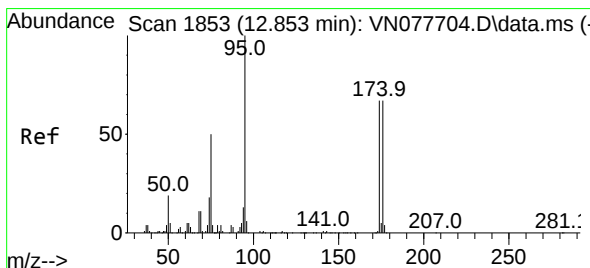
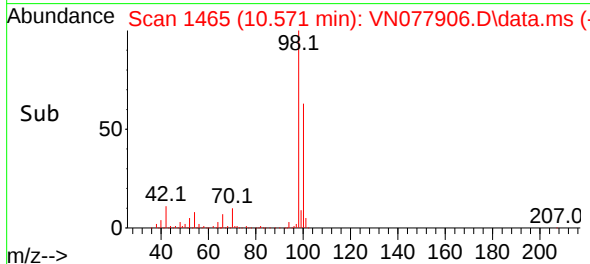
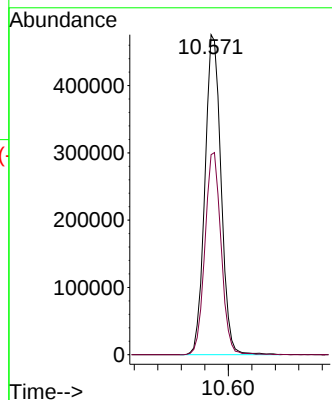
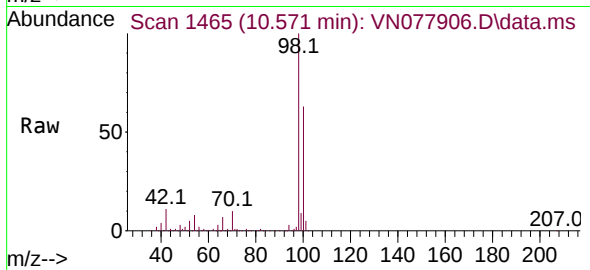
BP-VPB-RW11-GW-378-380

Tgt Ion: 98 Resp: 902650

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.535 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN077906.D

Acq: 25 May 2023 16:50

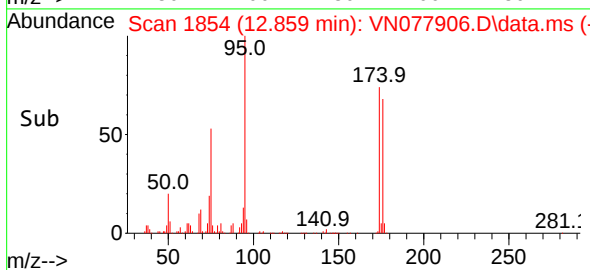
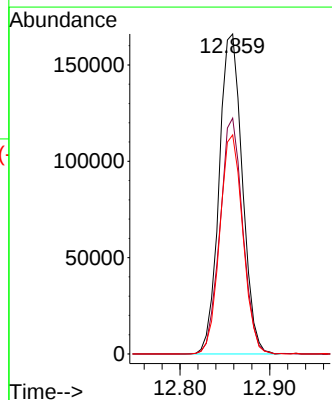
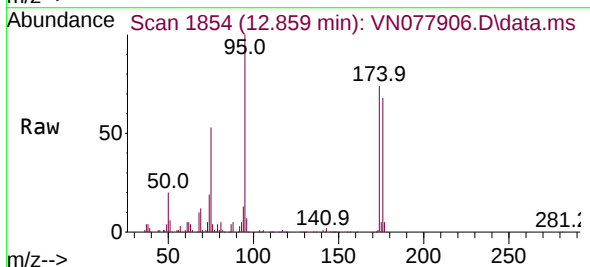
Tgt Ion: 95 Resp: 298088

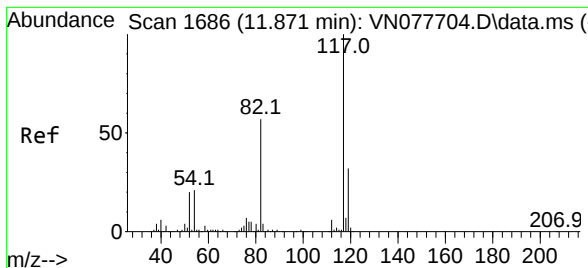
Ion Ratio Lower Upper

95 100

174 72.4 0.0 143.8

176 68.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077906.D

Acq: 25 May 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-378-380

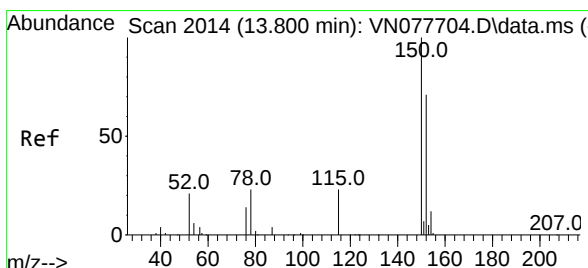
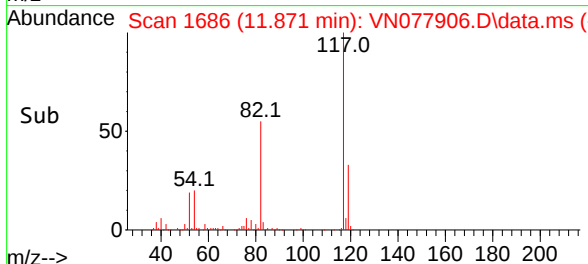
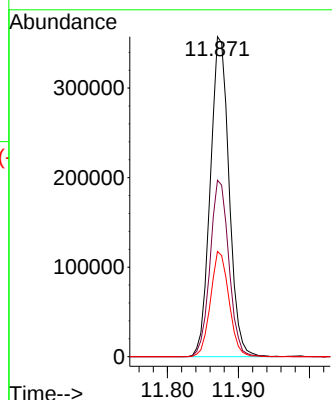
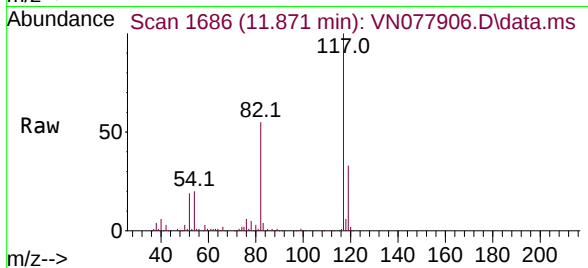
Tgt Ion:117 Resp: 655382

Ion Ratio Lower Upper

117 100

82 55.1 44.0 66.0

119 32.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077906.D

Acq: 25 May 2023 16:50

Tgt Ion:152 Resp: 213532

Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

150 156.5 0.0 355.8

