

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077905.D
 Acq On : 25 May 2023 16:26
 Operator : JC\MD
 Sample : 02944-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-338-340

Quant Time: May 26 04:34:14 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	8.230	168	422369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	766307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.877	117	656394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	207258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	284373	44.998	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.000%
35) Dibromofluoromethane	8.177	113	244860	49.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	10.577	98	925307	48.108	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.853	95	302266	44.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.000%

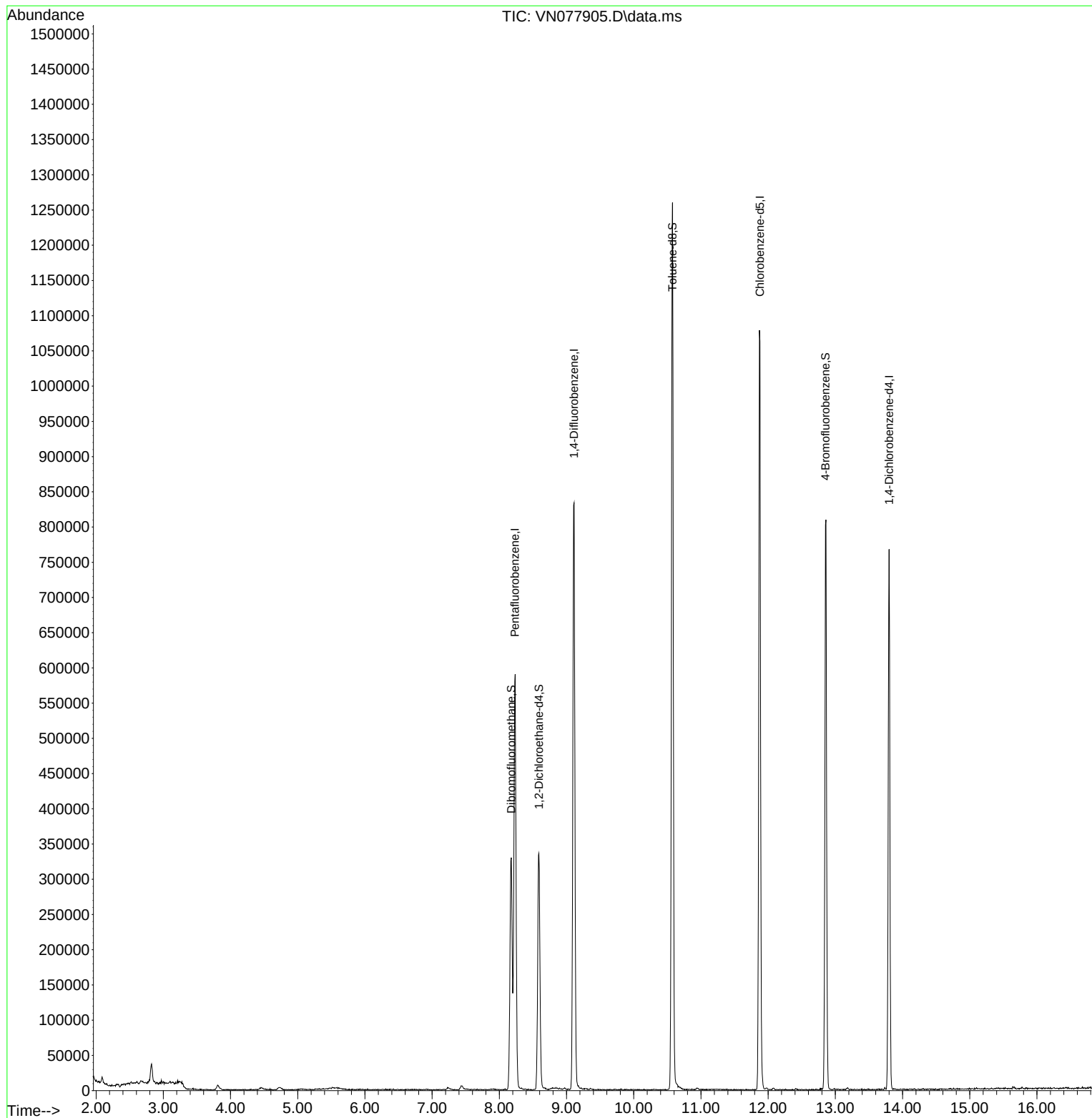
Target Compounds	Qvalue

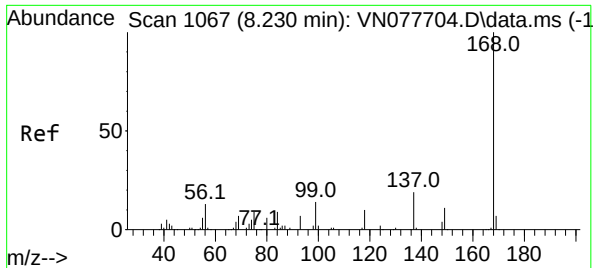
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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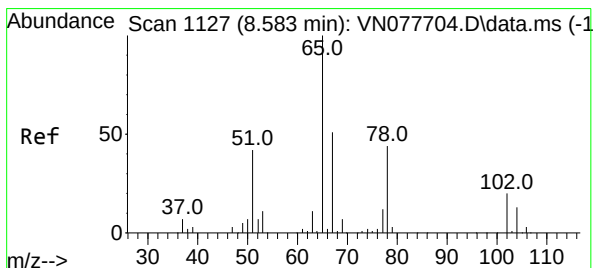
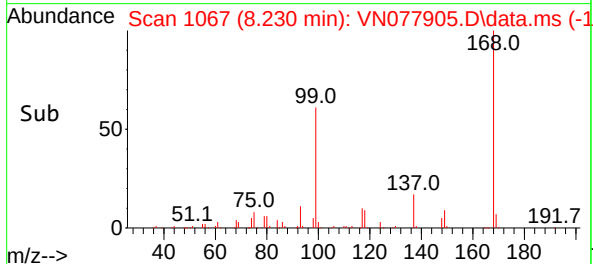
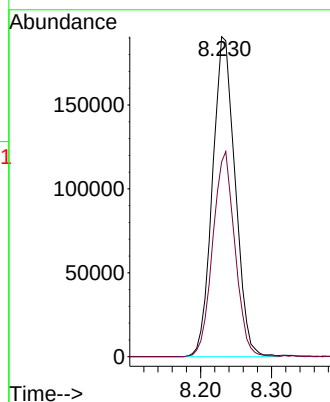
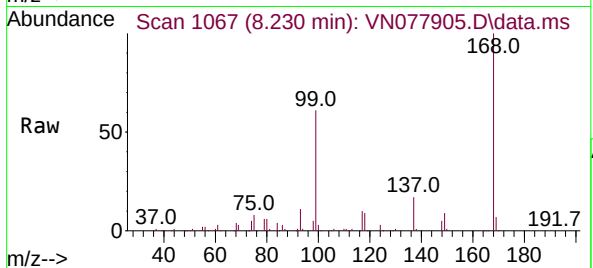




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077905.D
Acq: 25 May 2023 16:26

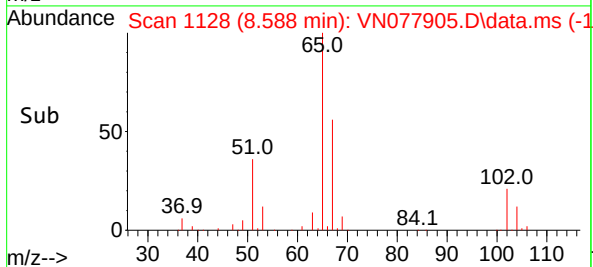
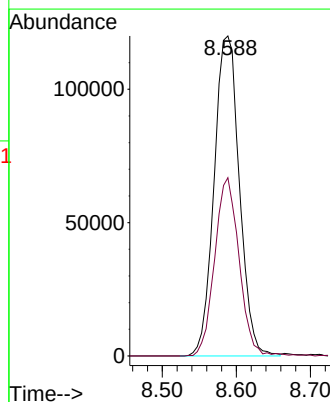
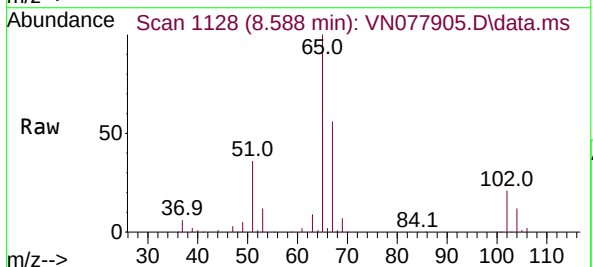
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340

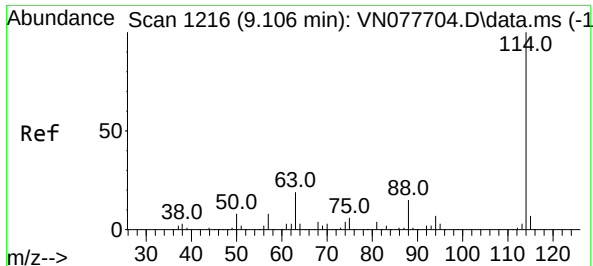
Tgt Ion:168 Resp: 422369
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.998 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077905.D
Acq: 25 May 2023 16:26

Tgt Ion: 65 Resp: 284373
Ion Ratio Lower Upper
65 100
67 54.0 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: VN077905.D

Acq: 25 May 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-338-340

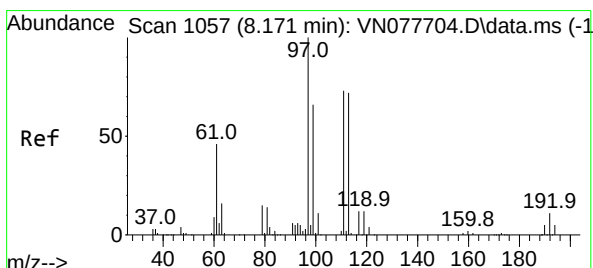
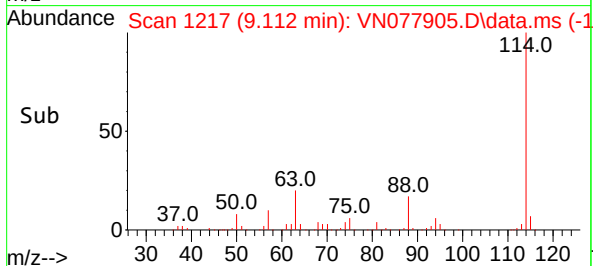
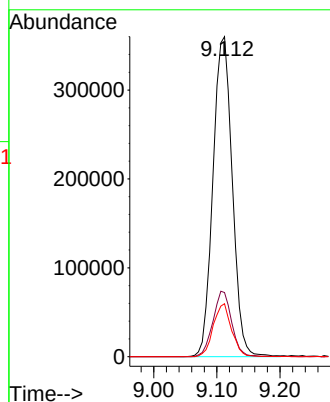
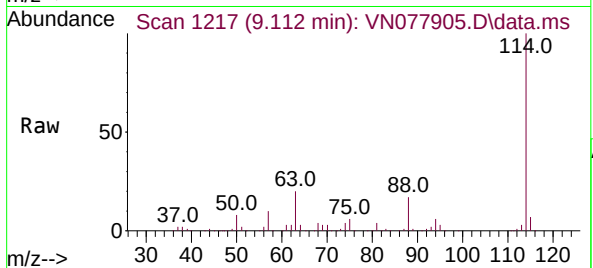
Tgt Ion:114 Resp: 766307

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 16.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.001 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077905.D

Acq: 25 May 2023 16:26

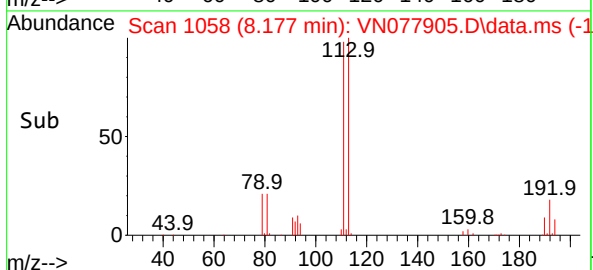
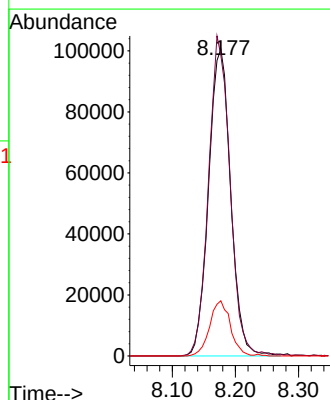
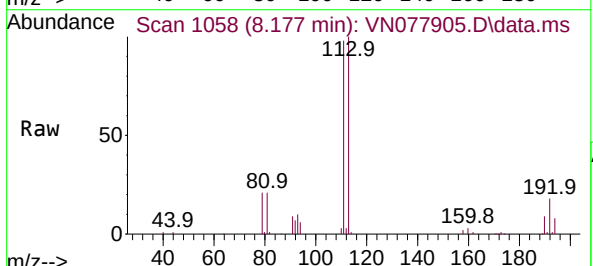
Tgt Ion:113 Resp: 244860

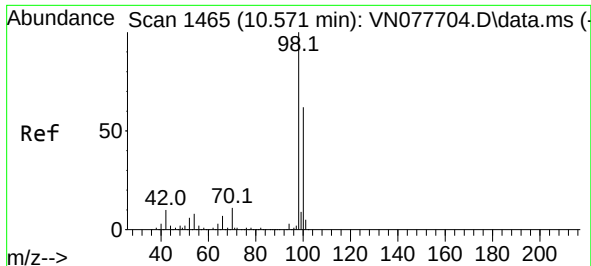
Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 16.9 12.7 19.1

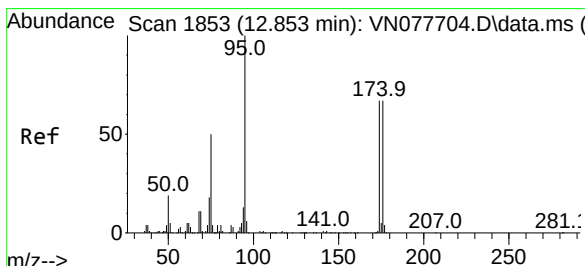
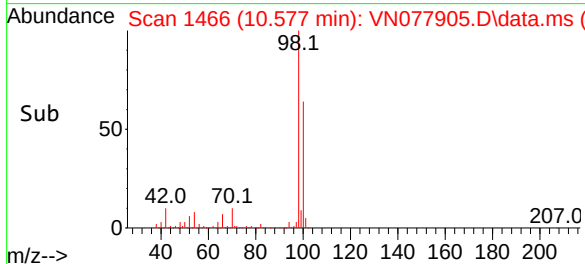
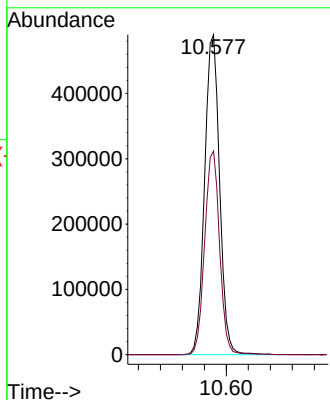
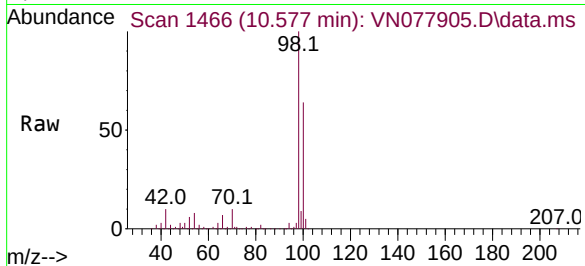




#50
Toluene-d8
Concen: 48.108 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077905.D
Acq: 25 May 2023 16:26

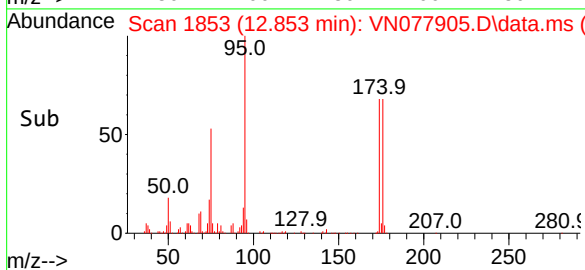
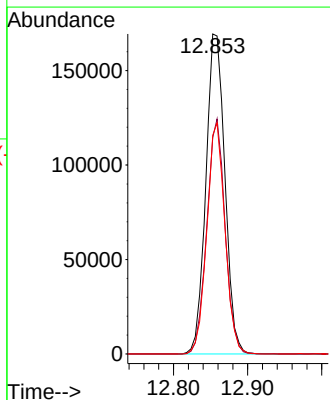
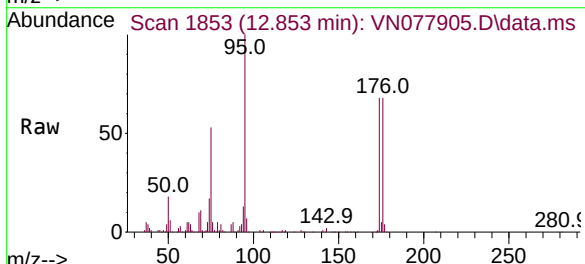
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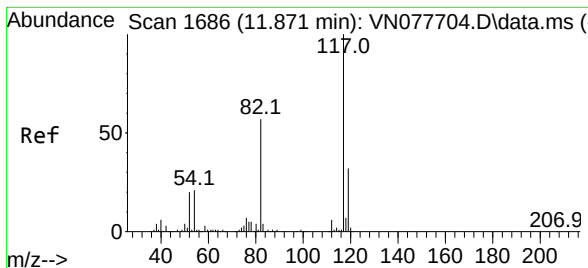
Tgt Ion: 98 Resp: 925307
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.497 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077905.D
Acq: 25 May 2023 16:26

Tgt Ion: 95 Resp: 302266
Ion Ratio Lower Upper
95 100
174 70.3 0.0 143.8
176 68.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.877 min Scan# 1

Delta R.T. 0.007 min

Lab File: VN077905.D

Acq: 25 May 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-338-340

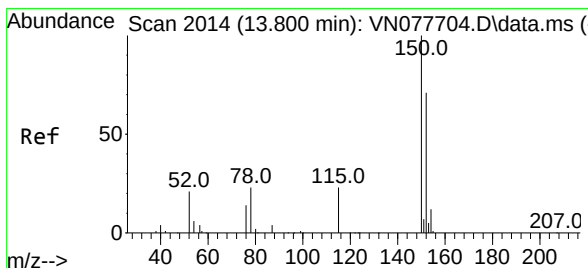
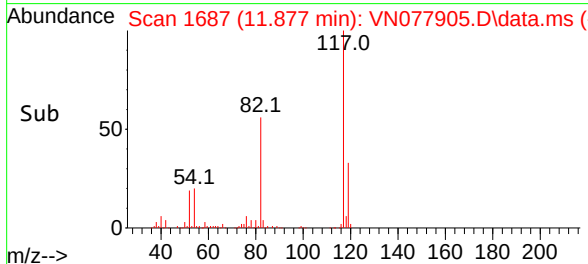
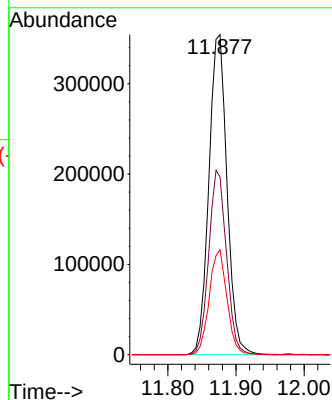
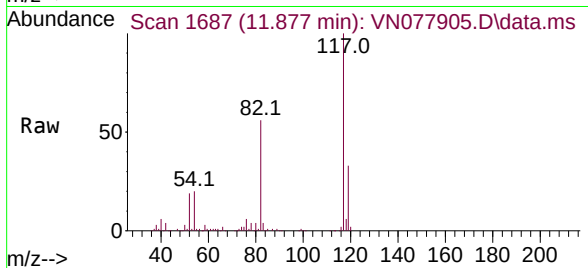
Tgt Ion:117 Resp: 656394

Ion Ratio Lower Upper

117 100

82 55.5 44.0 66.0

119 32.8 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: VN077905.D

Acq: 25 May 2023 16:26

Tgt Ion:152 Resp: 207258

Ion Ratio Lower Upper

152 100

115 61.2 32.3 96.8

150 156.1 0.0 355.8

