

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077772.D
 Acq On : 19 May 2023 18:22
 Operator : JC\MD
 Sample : 02862-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-238-240

Quant Time: May 19 23:56:54 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	385943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	691941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	602825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	210415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	259643	44.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.920%
35) Dibromofluoromethane	8.177	113	218190	48.357	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.720%
50) Toluene-d8	10.571	98	854242	49.187	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.859	95	272650	44.451	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.900%

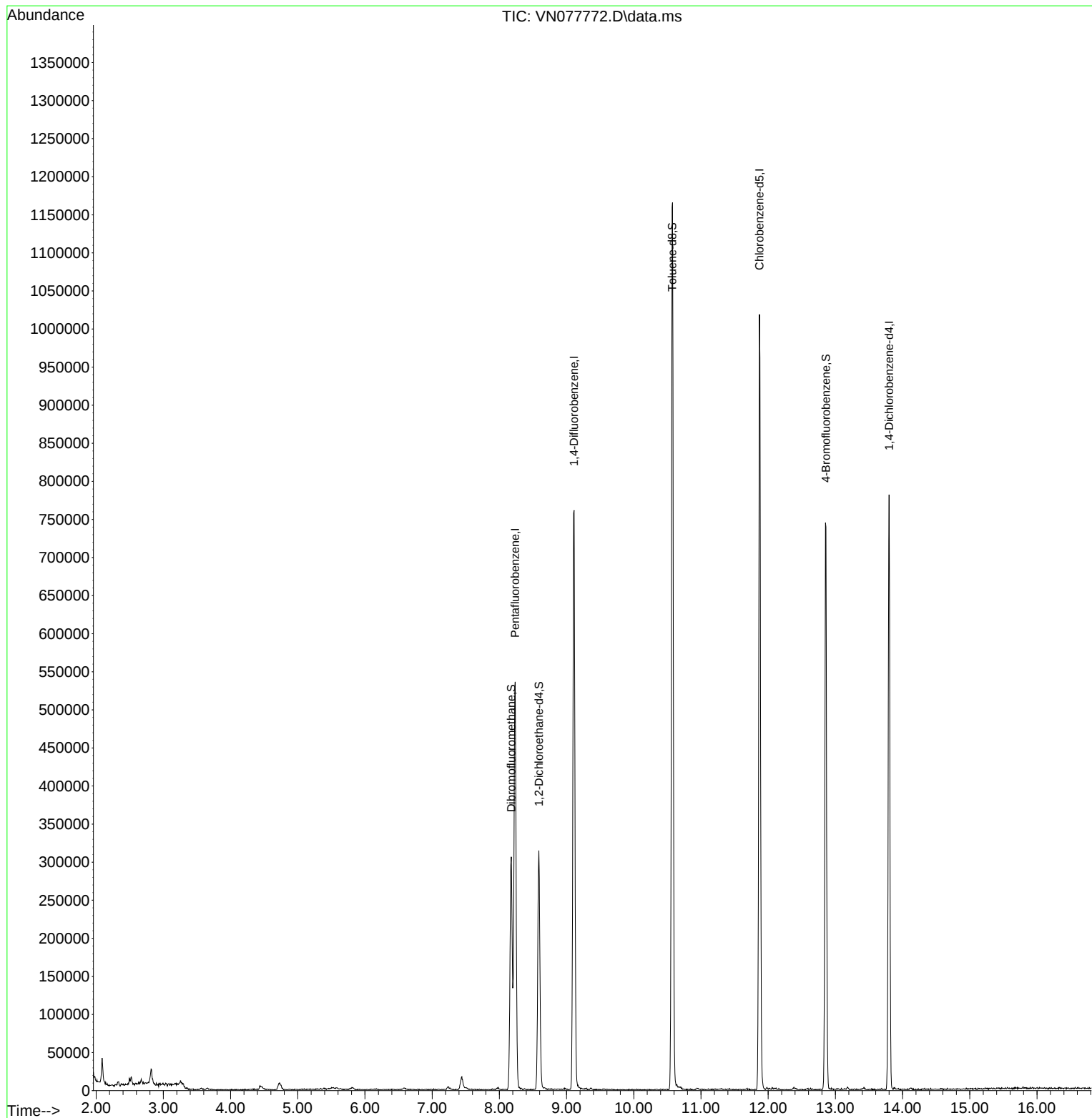
Target Compounds	Qvalue

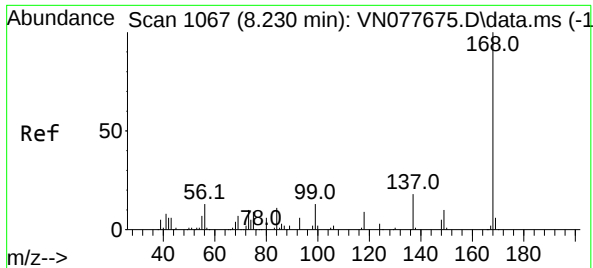
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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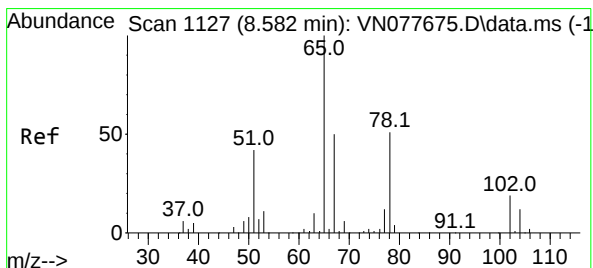
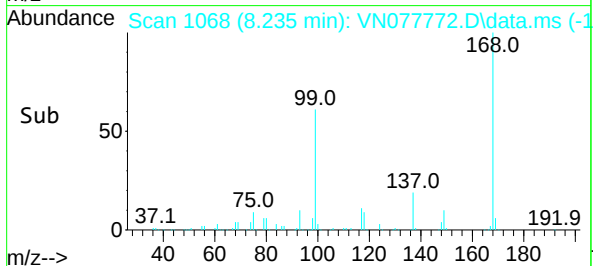
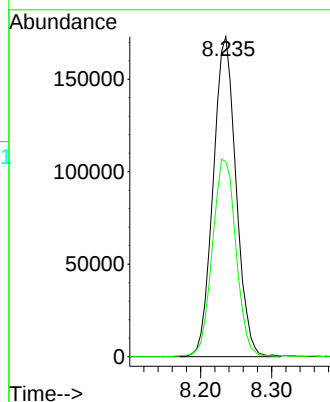
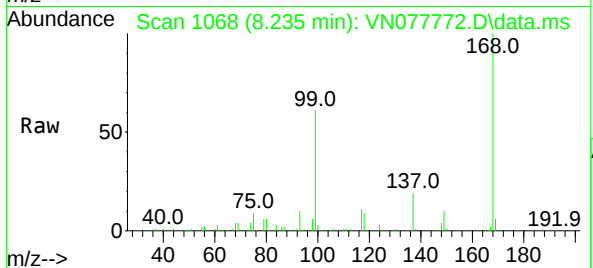




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077772.D
Acq: 19 May 2023 18:22

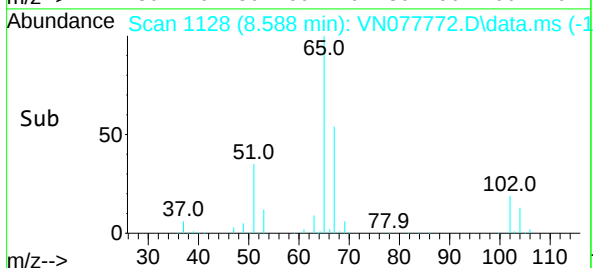
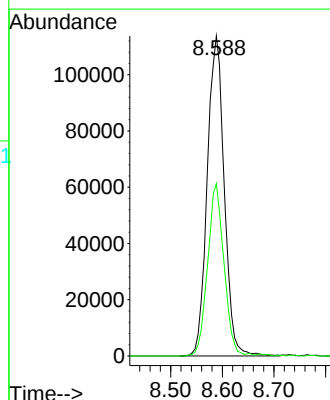
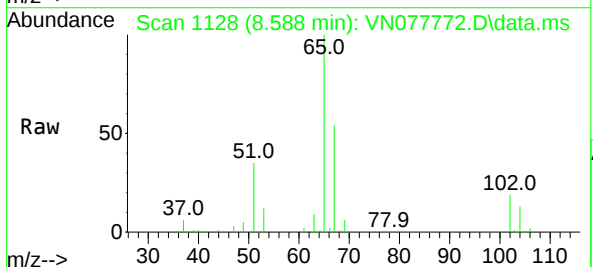
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-238-240

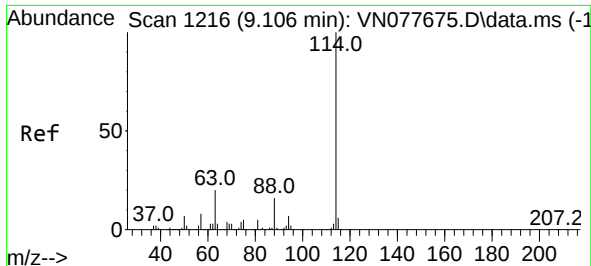
Tgt Ion:168 Resp: 385943
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.962 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077772.D
Acq: 19 May 2023 18:22

Tgt Ion: 65 Resp: 259643
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6

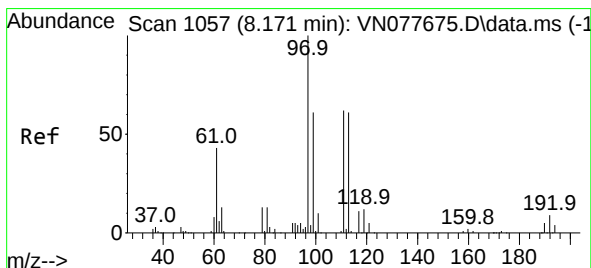
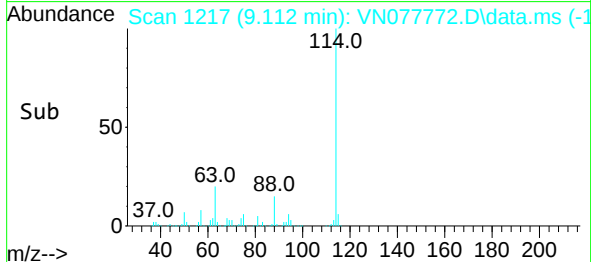
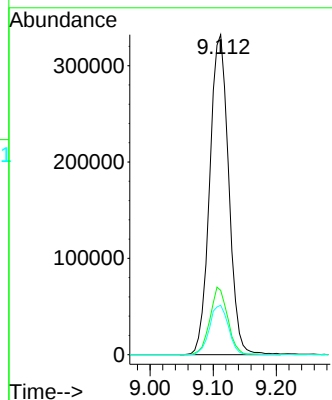
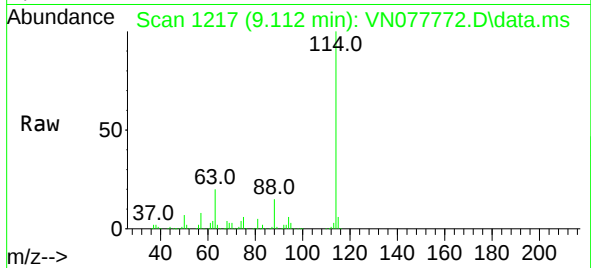




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077772.D
Acq: 19 May 2023 18:22

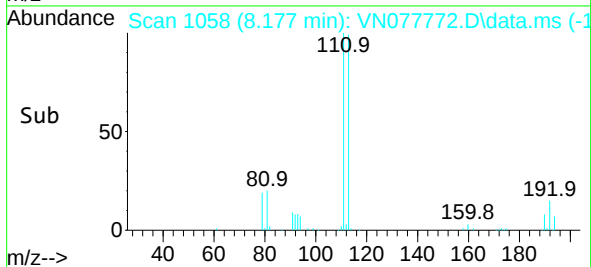
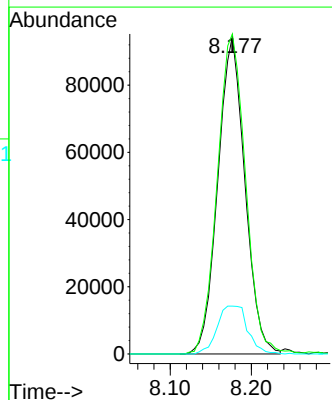
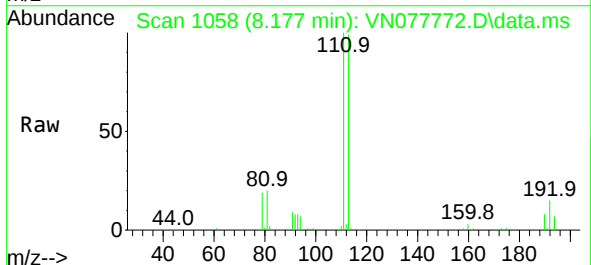
Instrument :
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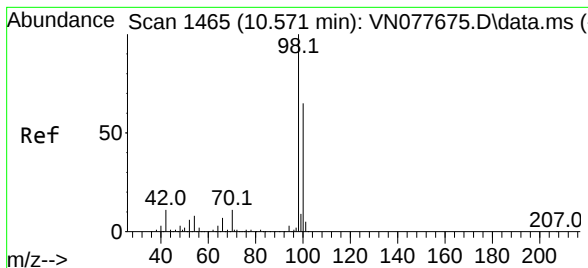
Tgt Ion:114 Resp: 691941
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.357 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077772.D
Acq: 19 May 2023 18:22

Tgt Ion:113 Resp: 218190
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 17.0 12.7 19.1





#50

Toluene-d8

Concen: 49.187 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077772.D

Acq: 19 May 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

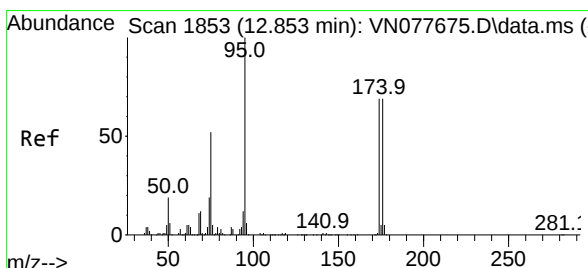
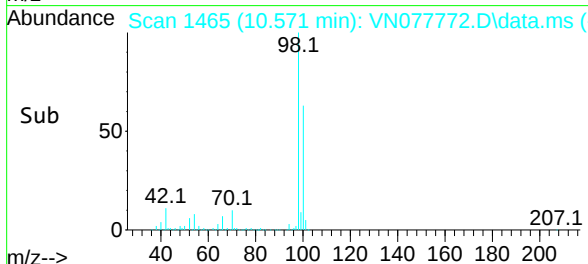
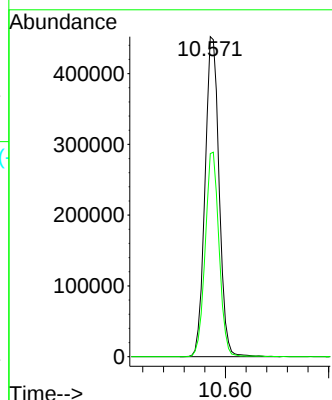
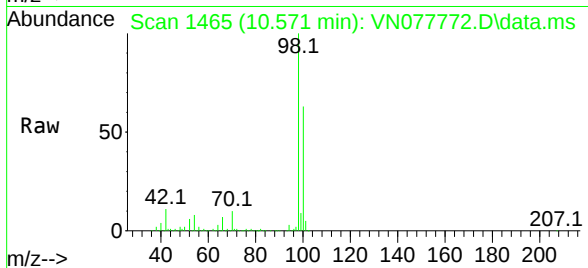
BP-VPB-RW11-GW-238-240

Tgt Ion: 98 Resp: 854242

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.451 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN077772.D

Acq: 19 May 2023 18:22

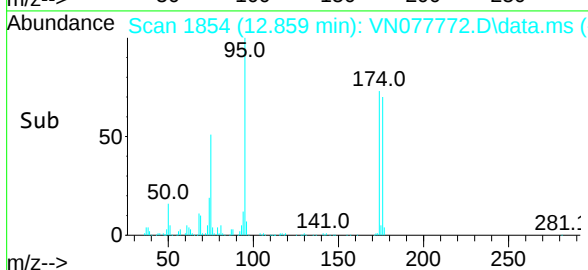
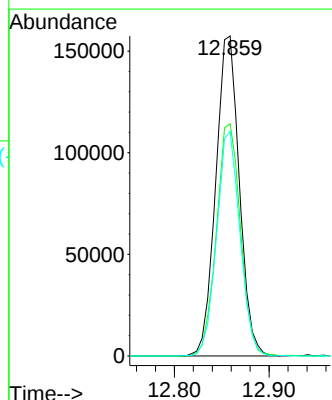
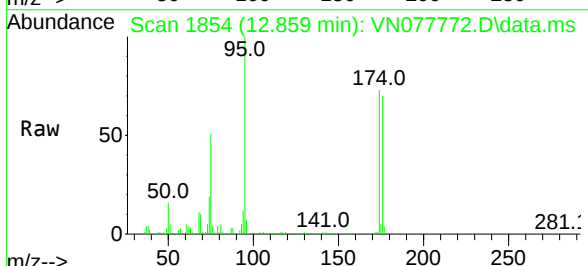
Tgt Ion: 95 Resp: 272650

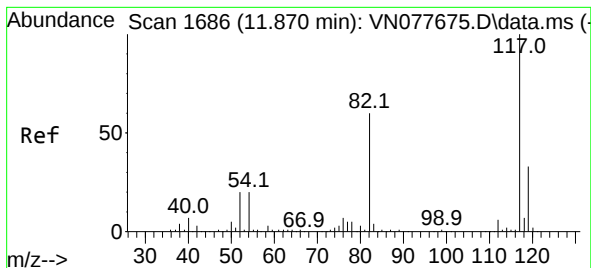
Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.8

176 69.3 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: VN077772.D

Acq: 19 May 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-238-240

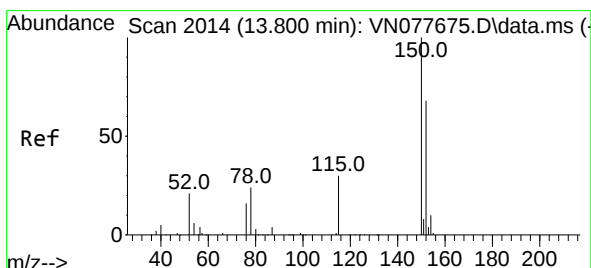
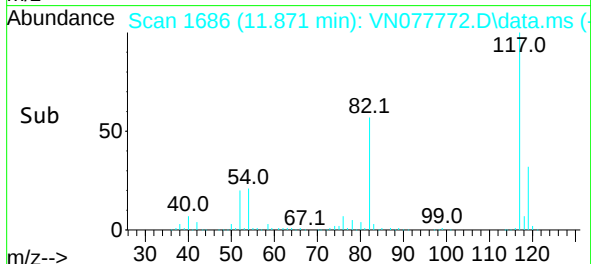
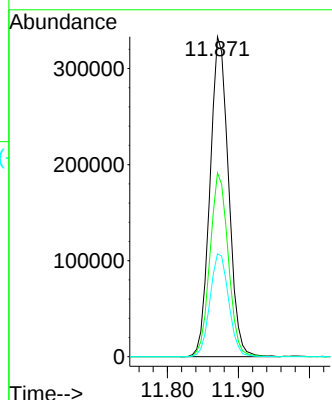
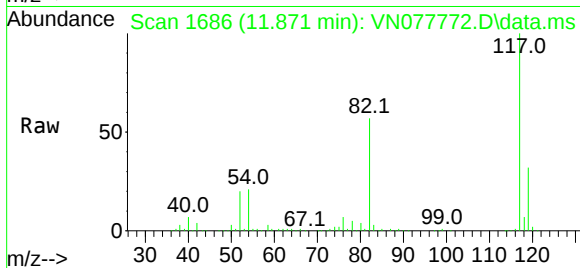
Tgt Ion:117 Resp: 602825

Ion Ratio Lower Upper

117 100

82 57.5 44.0 66.0

119 32.2 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: VN077772.D

Acq: 19 May 2023 18:22

Tgt Ion:152 Resp: 210415

Ion Ratio Lower Upper

152 100

115 61.2 32.3 96.8

150 160.9 0.0 355.8

