

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075799.D
 Acq On : 15 Dec 2022 04:51
 Operator : JC\MD
 Sample : N5990-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-44

Quant Time: Dec 15 07:44:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	354484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	558202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	484446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	188008	48.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.500%
35) Dibromofluoromethane	8.177	113	169910	49.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	10.571	98	642008	49.672	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.853	95	197223	46.071	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.140%

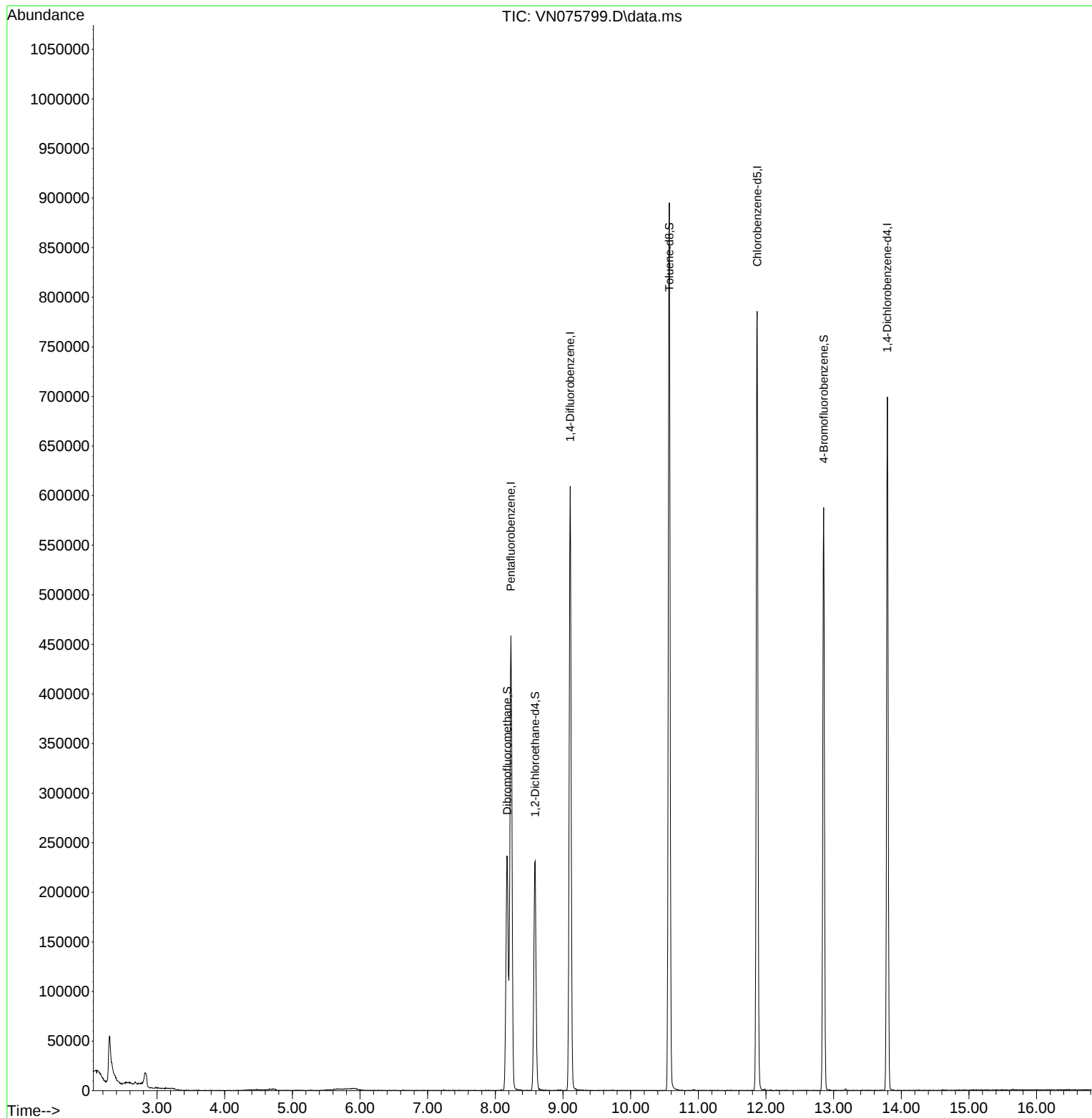
Target Compounds	Qvalue

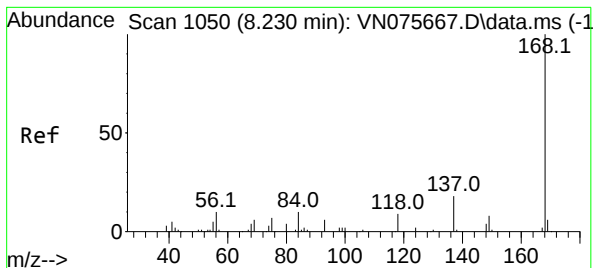
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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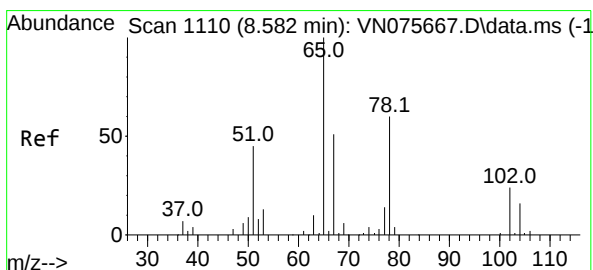
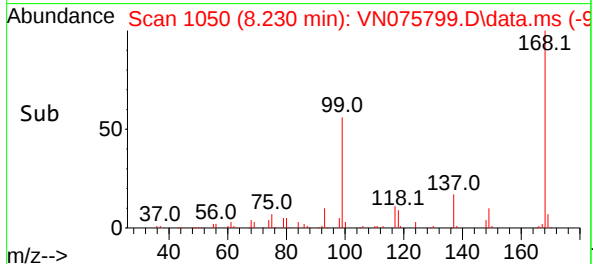
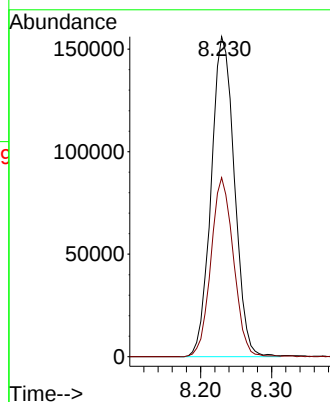
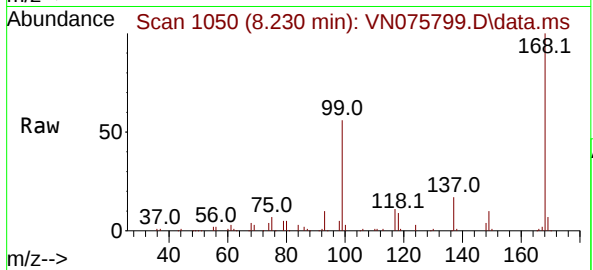




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

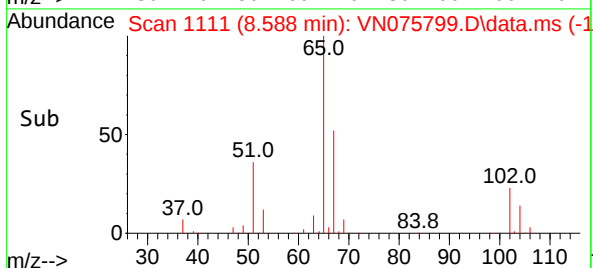
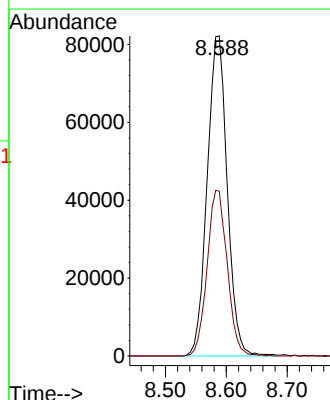
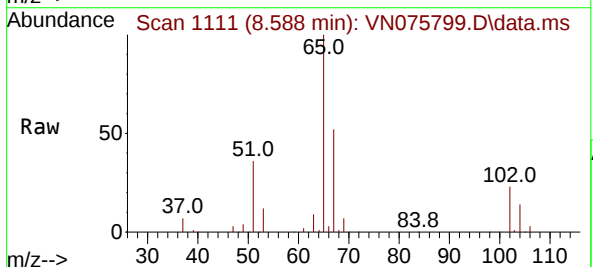
Instrument :
MSVOA_N
ClientSampleId :
MW-44

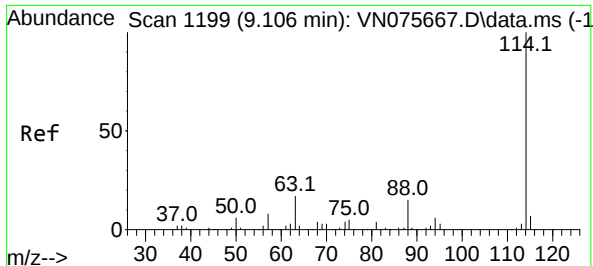
Tgt Ion:168 Resp: 354484
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.752 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

Tgt Ion: 65 Resp: 188008
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075799.D

Acq: 15 Dec 2022 04:51

Instrument :

MSVOA_N

ClientSampleId :

MW-44

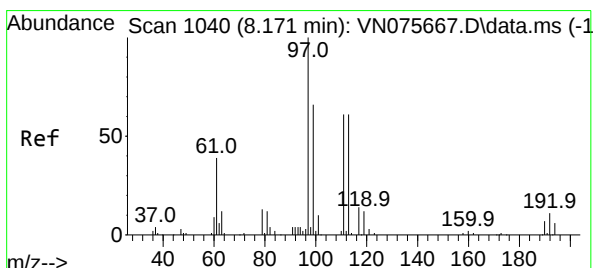
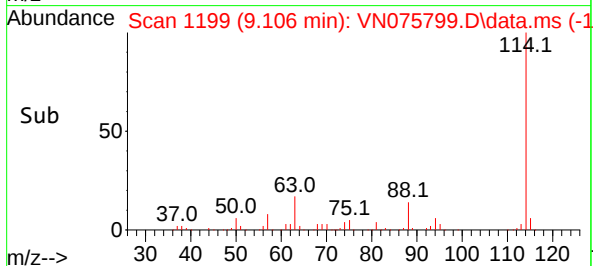
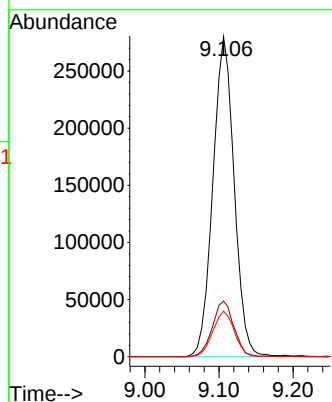
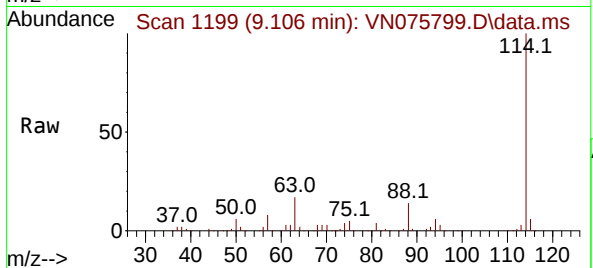
Tgt Ion:114 Resp: 558202

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.151 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075799.D

Acq: 15 Dec 2022 04:51

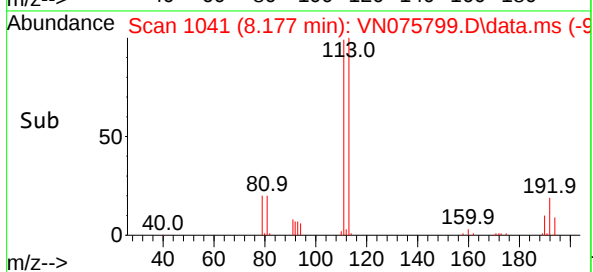
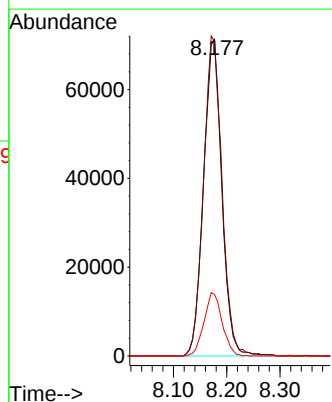
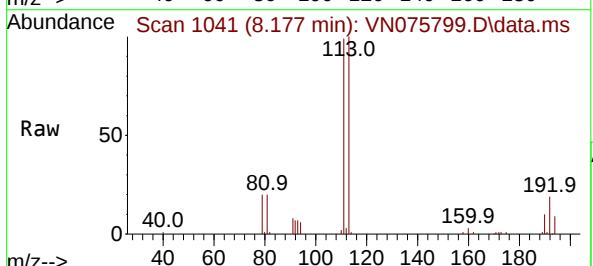
Tgt Ion:113 Resp: 169910

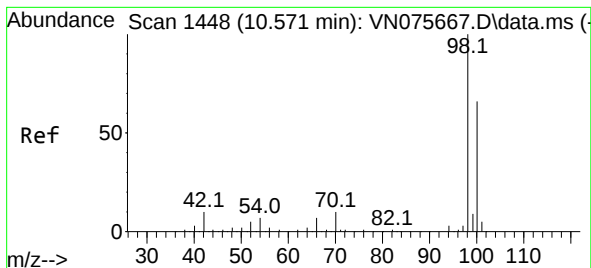
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 19.9 16.1 24.1





#50

Toluene-d8

Concen: 49.672 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075799.D

Acq: 15 Dec 2022 04:51

Instrument :

MSVOA_N

ClientSampleId :

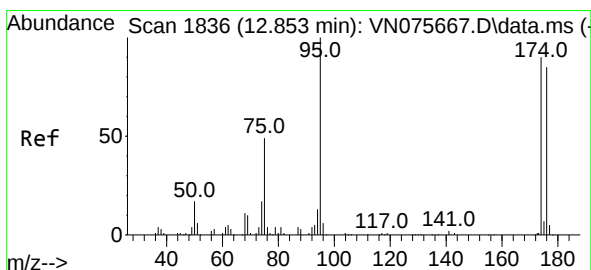
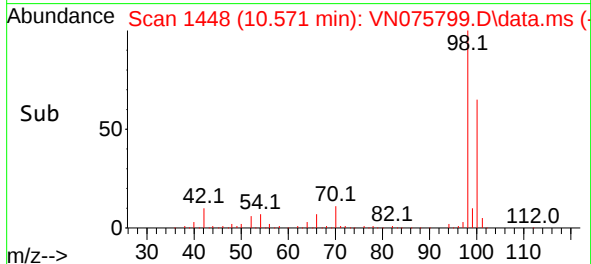
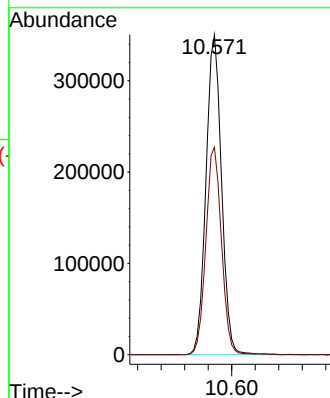
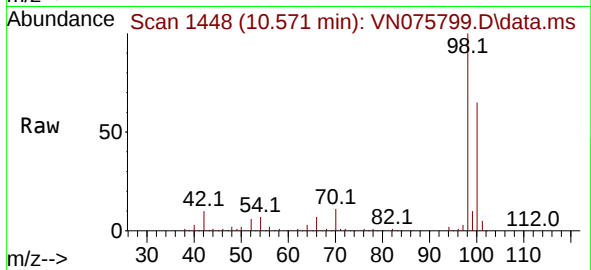
MW-44

Tgt Ion: 98 Resp: 642008

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.071 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN075799.D

Acq: 15 Dec 2022 04:51

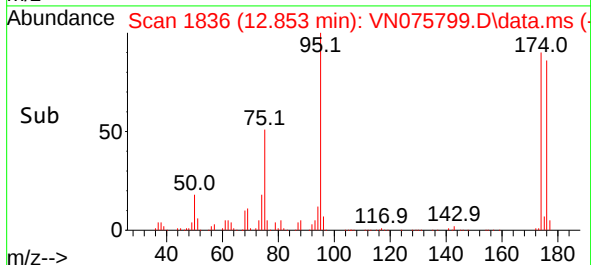
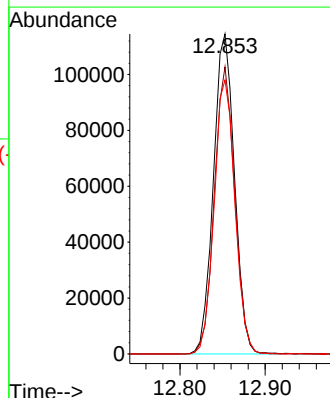
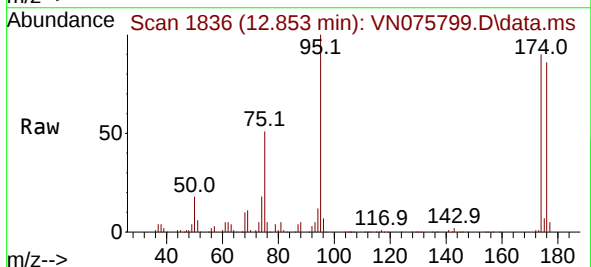
Tgt Ion: 95 Resp: 197223

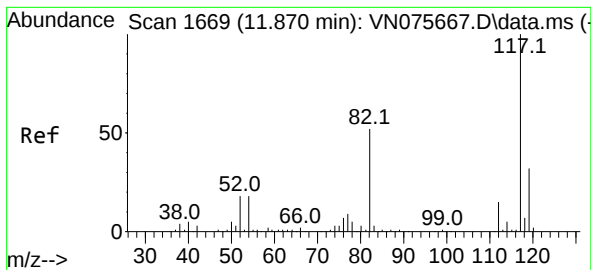
Ion Ratio Lower Upper

95 100

174 87.1 0.0 171.6

176 84.4 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075799.D

Acq: 15 Dec 2022 04:51

Instrument :

MSVOA_N

ClientSampleId :

MW-44

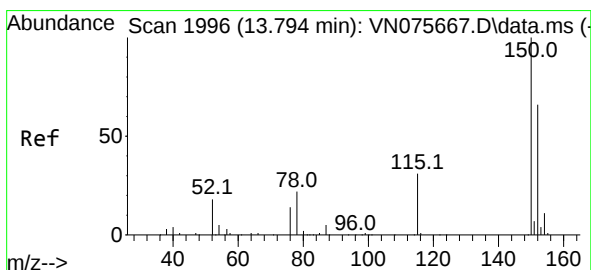
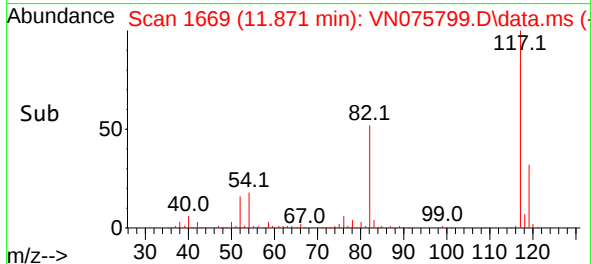
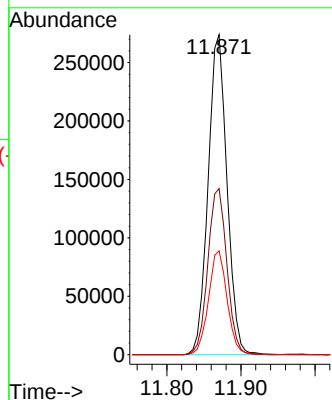
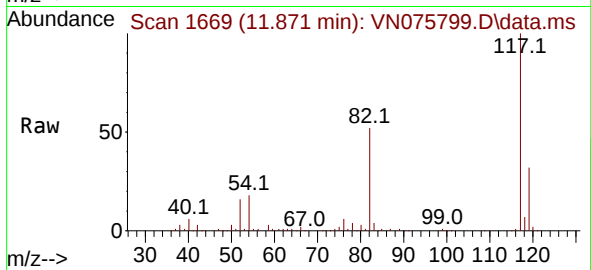
Tgt Ion:117 Resp: 484446

Ion Ratio Lower Upper

117 100

82 51.9 41.3 61.9

119 32.4 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075799.D

Acq: 15 Dec 2022 04:51

Tgt Ion:152 Resp: 198527

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.4

150 156.4 0.0 347.0

