

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076112.D
 Acq On : 05 Jan 2023 15:39
 Operator : JC\MD
 Sample : 01003-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jan 05 23:50:06 2023
 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	8.235	168	330220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	445858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	170686	47.512	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.020%
35) Dibromofluoromethane	8.177	113	155544	48.942	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	10.571	98	593837	49.975	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.853	95	186636	47.421	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.840%

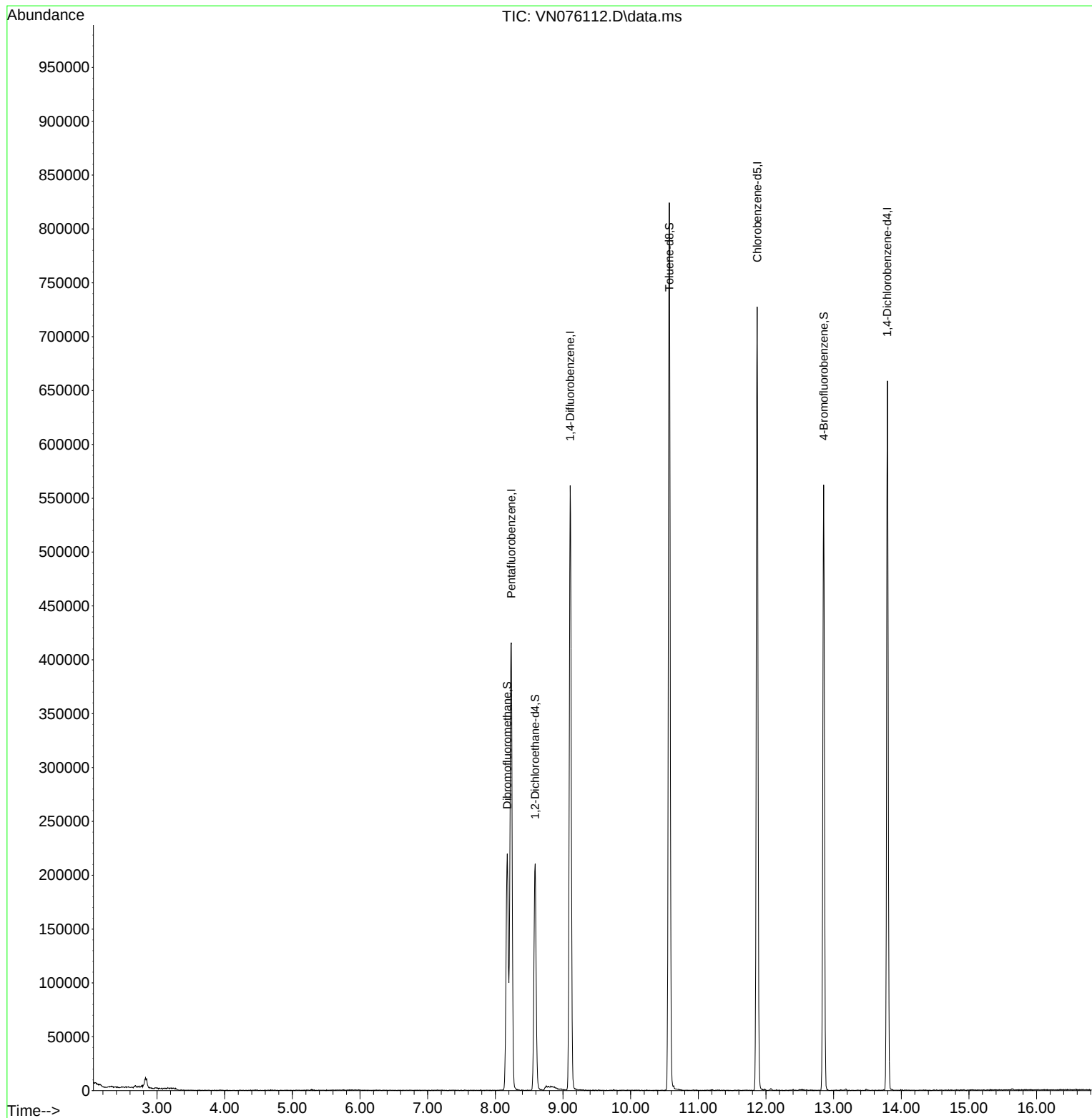
Target Compounds	Qvalue

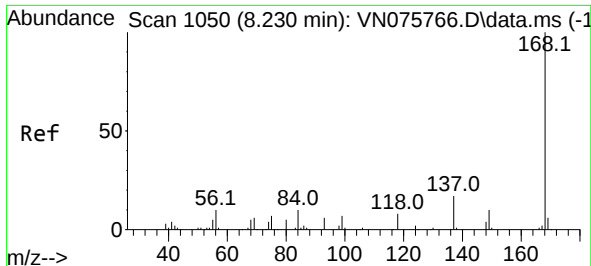
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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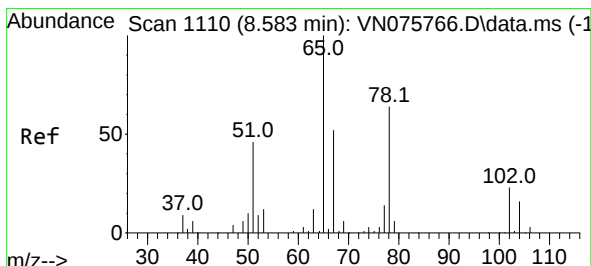
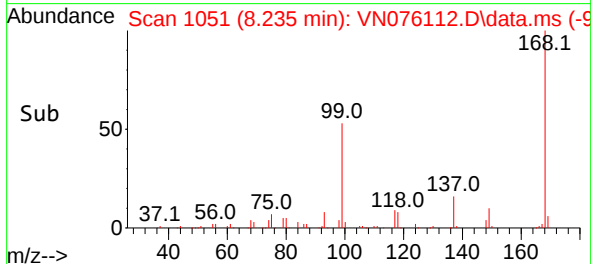
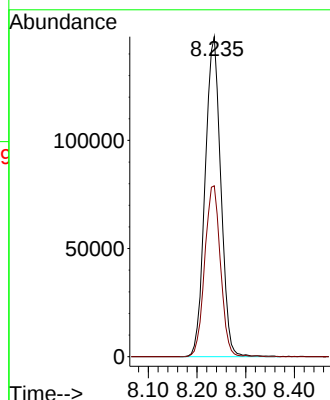
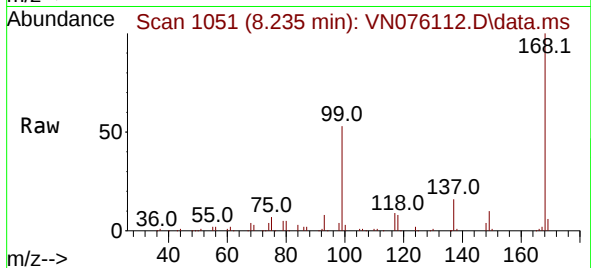




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

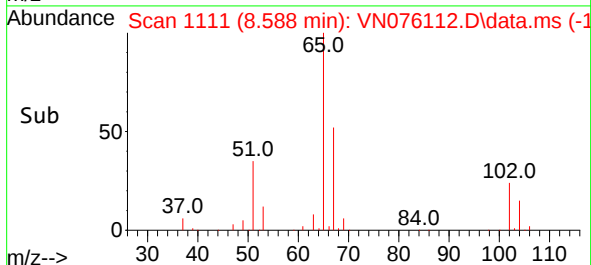
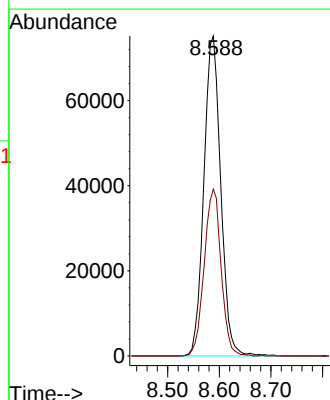
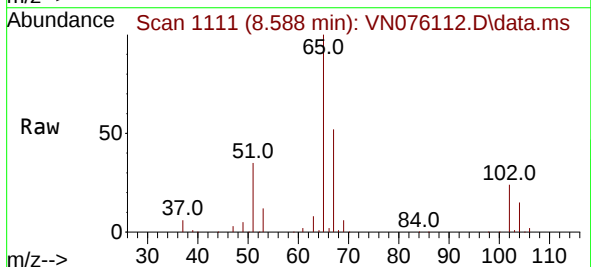
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

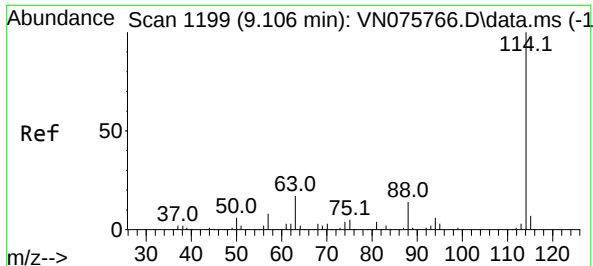
Tgt Ion:168 Resp: 330220
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.512 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

Tgt Ion: 65 Resp: 170686
Ion Ratio Lower Upper
65 100
67 52.2 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: VN076112.D

Acq: 05 Jan 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

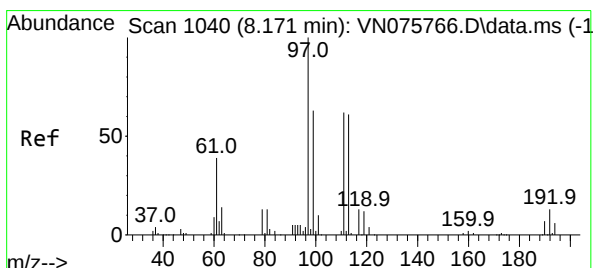
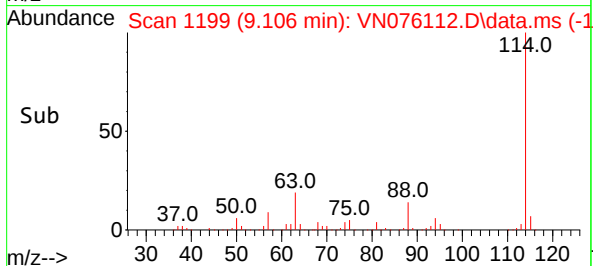
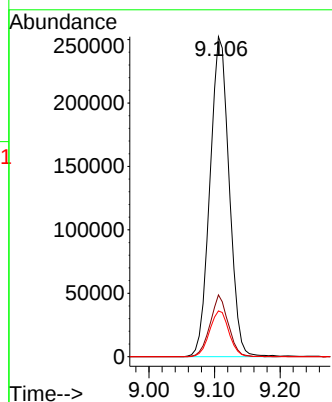
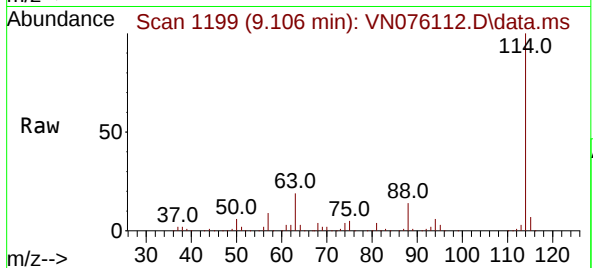
Tgt Ion:114 Resp: 513195

Ion Ratio Lower Upper

114 100

63 19.3 0.0 34.4

88 14.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.942 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076112.D

Acq: 05 Jan 2023 15:39

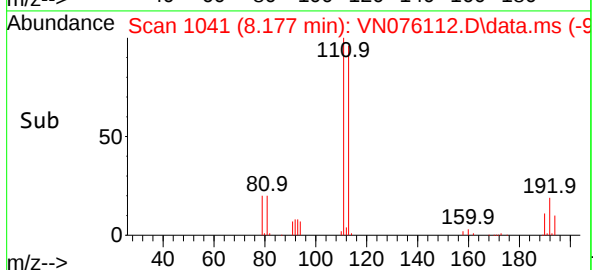
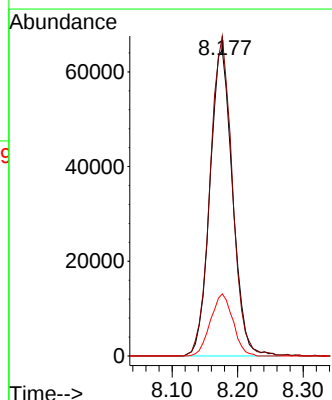
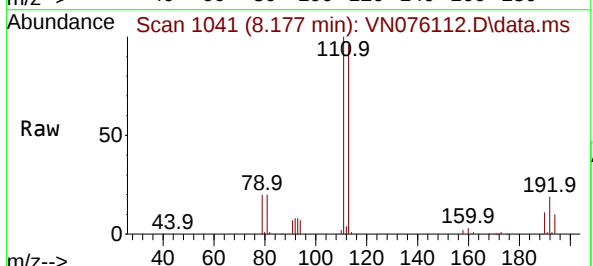
Tgt Ion:113 Resp: 155544

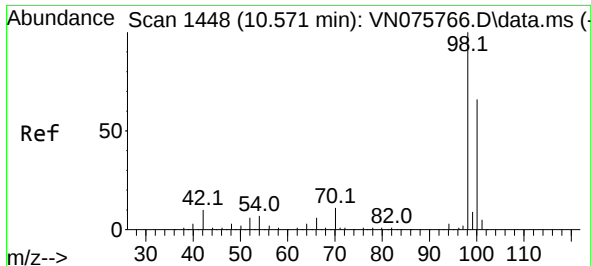
Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 20.0 16.1 24.1

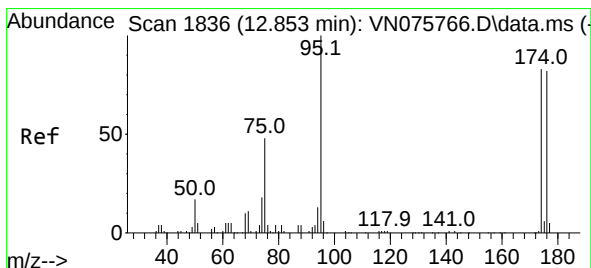
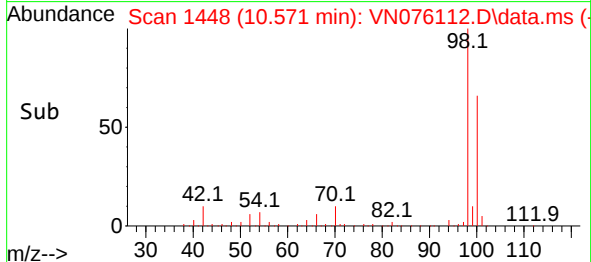
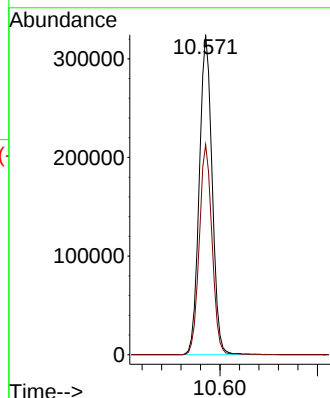
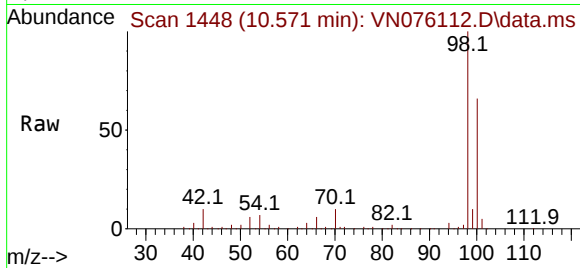




#50
Toluene-d8
Concen: 49.975 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

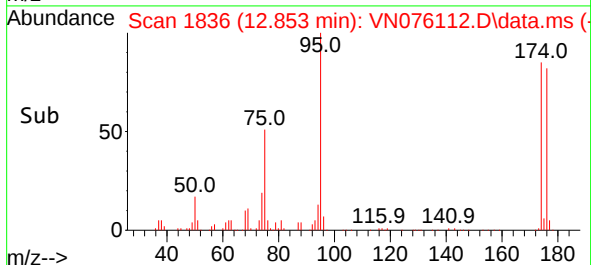
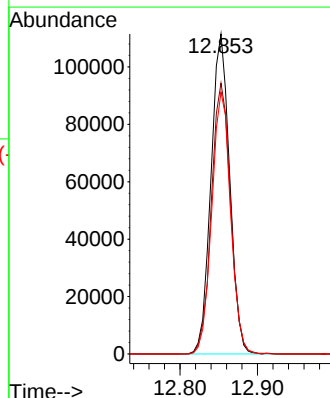
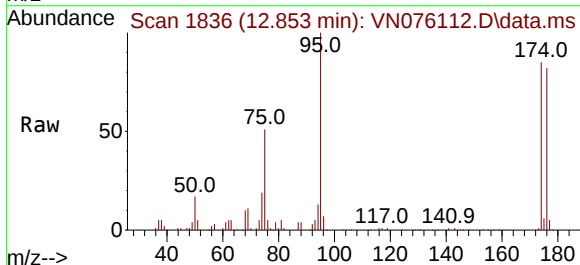
Instrument : MSVOA_N
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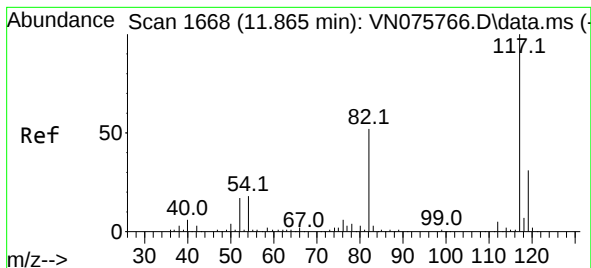
Tgt Ion: 98 Resp: 593837
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.421 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

Tgt Ion: 95 Resp: 186636
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 82.4 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076112.D

Acq: 05 Jan 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

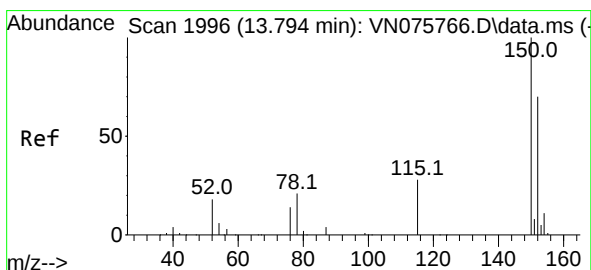
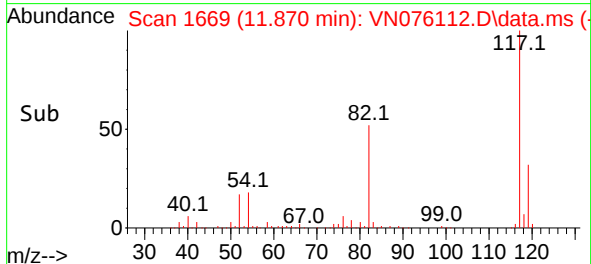
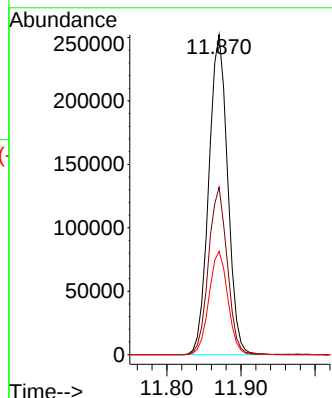
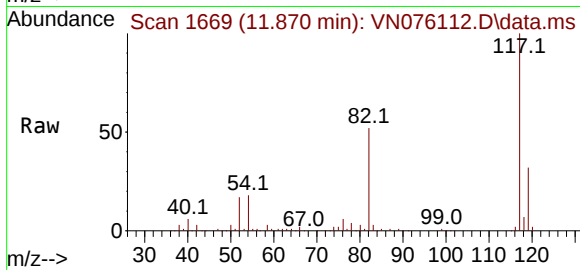
Tgt Ion:117 Resp: 445858

Ion Ratio Lower Upper

117 100

82 52.4 41.3 61.9

119 32.3 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: VN076112.D

Acq: 05 Jan 2023 15:39

Tgt Ion:152 Resp: 182525

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.4

150 158.5 0.0 347.0

