

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076152.D
 Acq On : 09 Jan 2023 13:40
 Operator : JC\MD
 Sample : 01078-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jan 10 01:05:42 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	311718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	490953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	428440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167955	49.527	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.060%
35) Dibromofluoromethane	8.177	113	151036	49.676	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.360%
50) Toluene-d8	10.570	98	572353	50.349	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.853	95	174057	46.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.460%

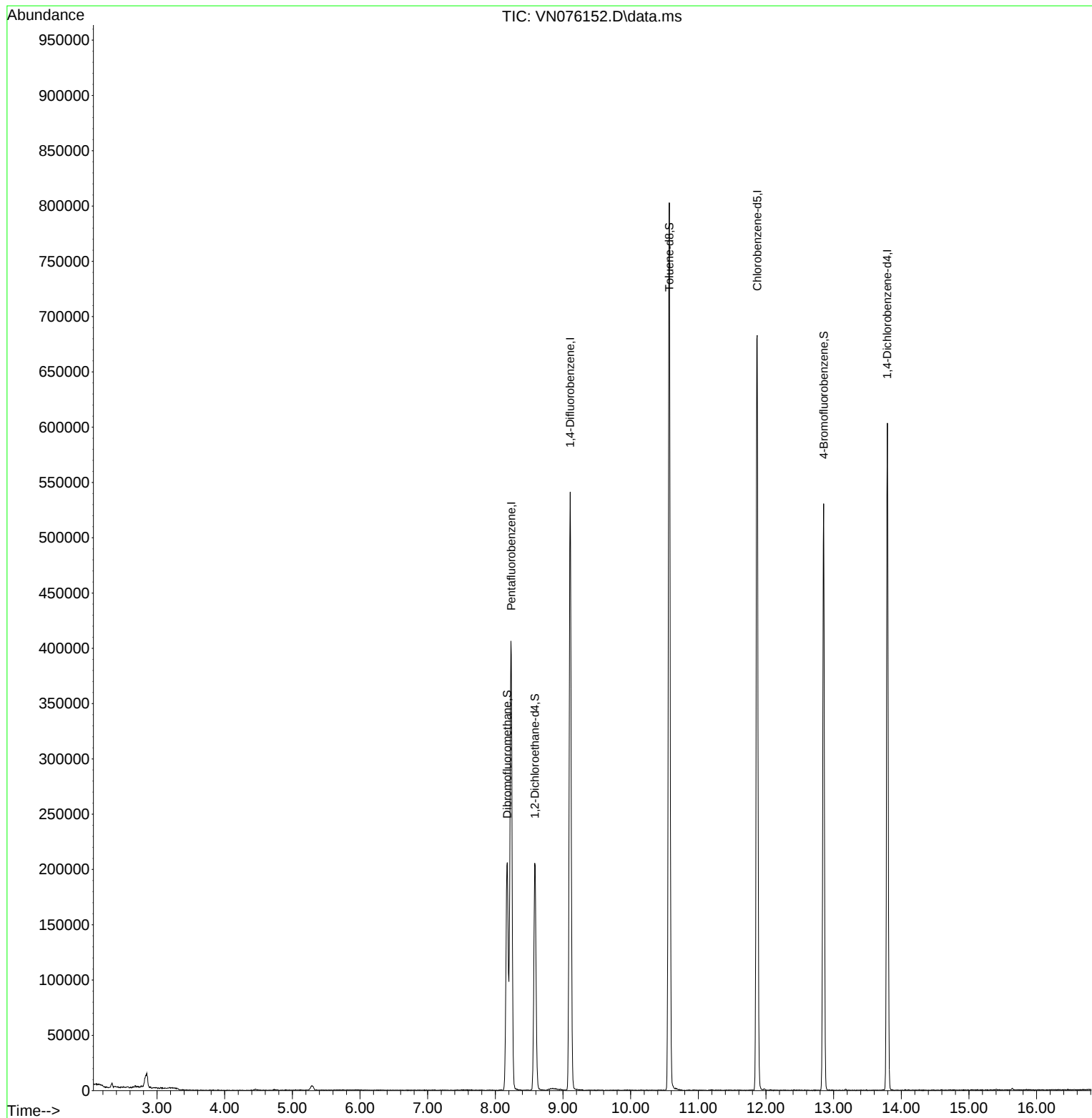
Target Compounds	Qvalue

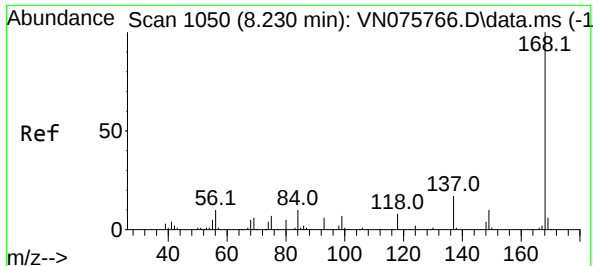
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076152.D

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Instrument :

MSVOA_N

ClientSampleId :

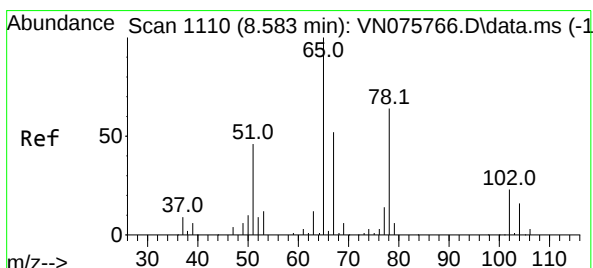
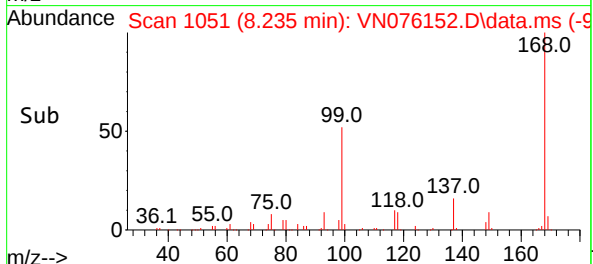
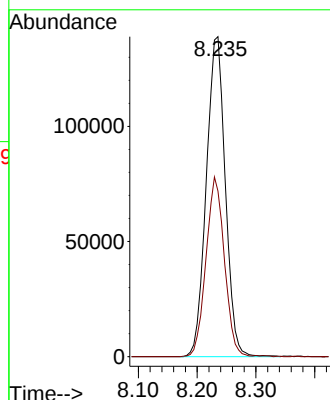
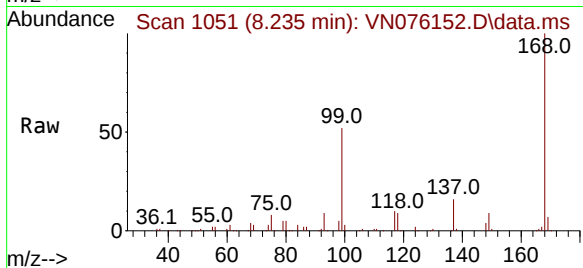
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 311718

Ion Ratio Lower Upper

168 100

99 51.7 44.2 66.4



#33

1,2-Dichloroethane-d4

Concen: 49.527 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076152.D

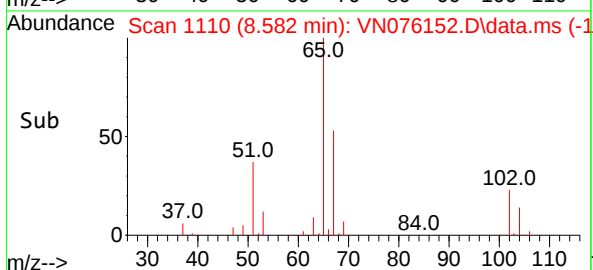
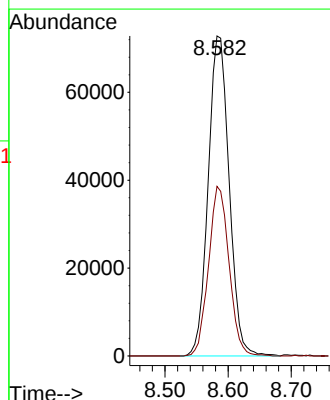
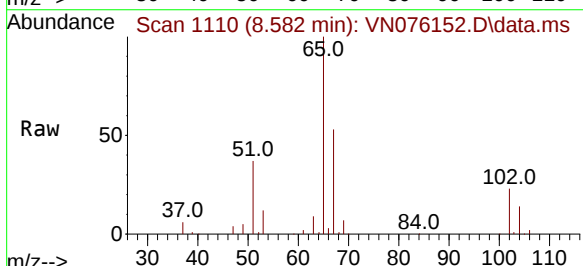
Acq: 09 Jan 2023 13:40

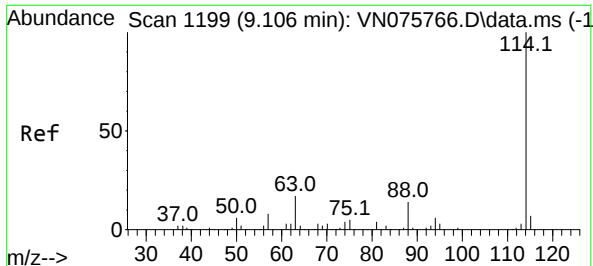
Tgt Ion: 65 Resp: 167955

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: VN076152.D

Acq: 09 Jan 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

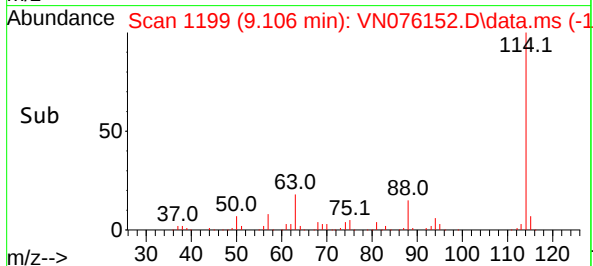
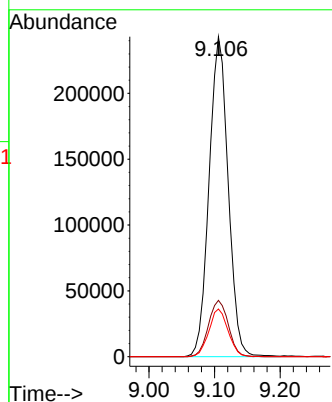
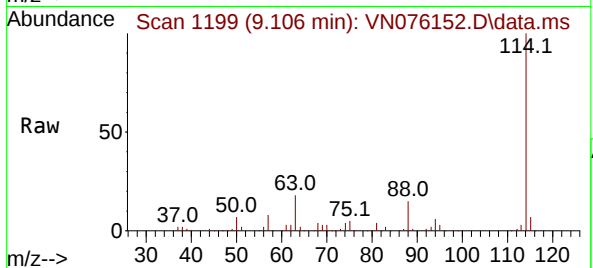
Tgt Ion:114 Resp: 490953

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.676 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076152.D

Acq: 09 Jan 2023 13:40

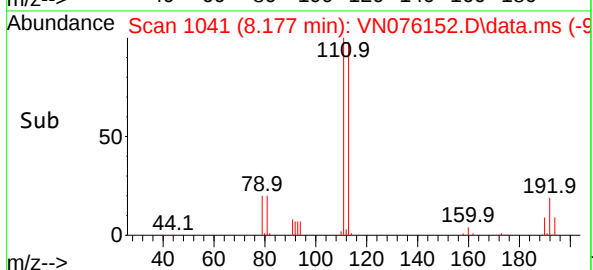
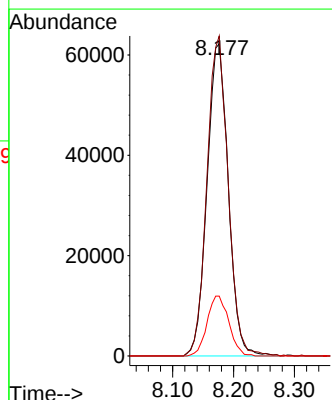
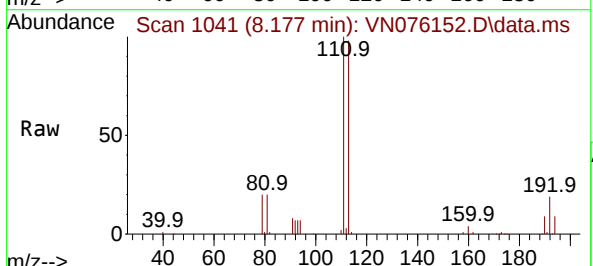
Tgt Ion:113 Resp: 151036

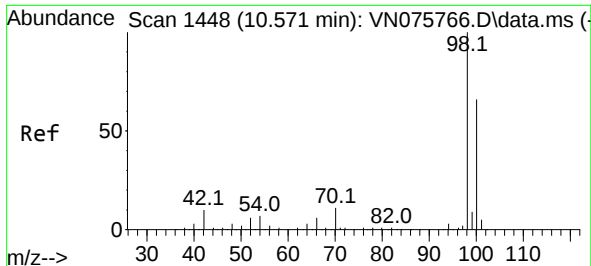
Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

192 19.6 16.1 24.1

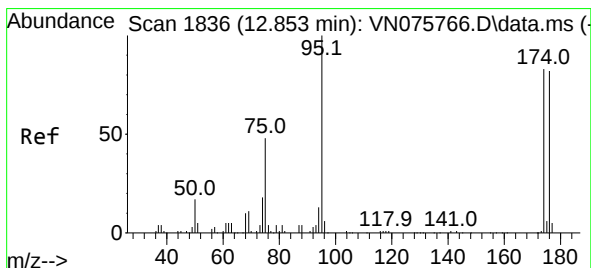
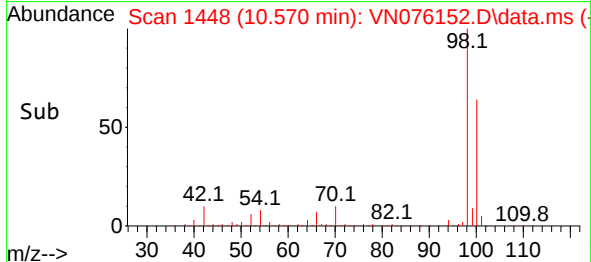
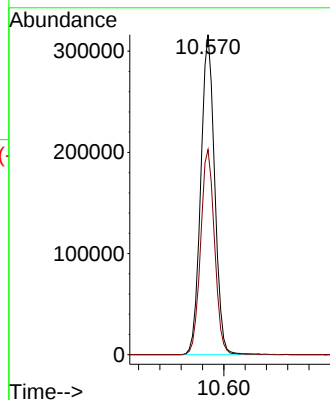
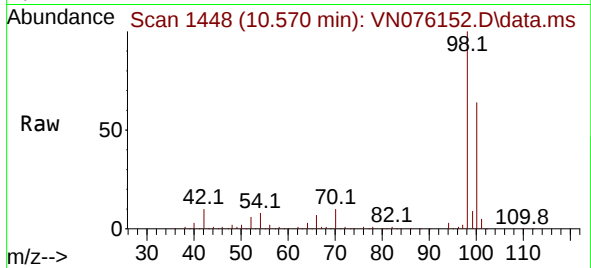




#50
Toluene-d8
Concen: 50.349 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076152.D
Acq: 09 Jan 2023 13:40

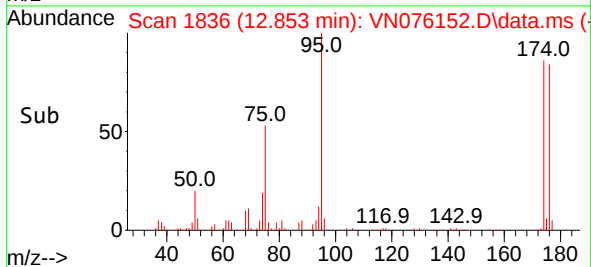
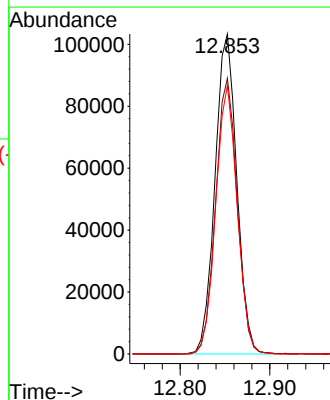
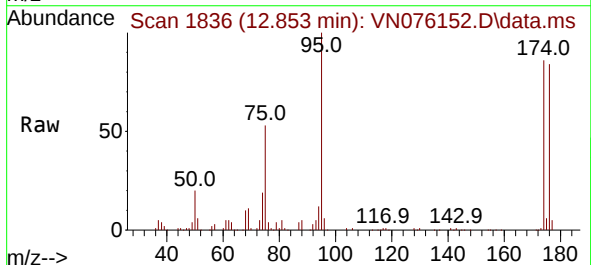
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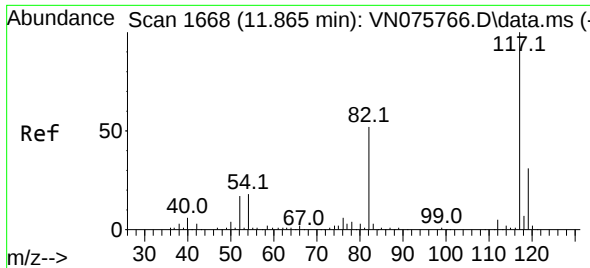
Tgt Ion: 98 Resp: 572353
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.229 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076152.D
Acq: 09 Jan 2023 13:40

Tgt Ion: 95 Resp: 174057
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.6
176 82.4 0.0 169.2

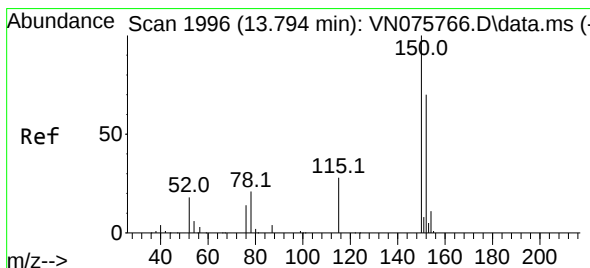
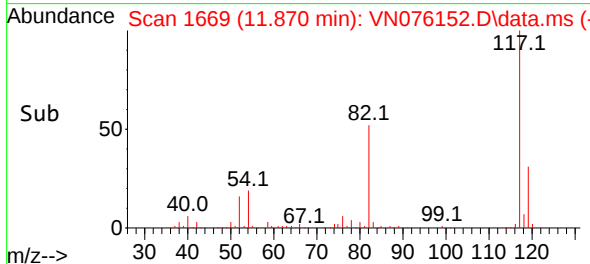
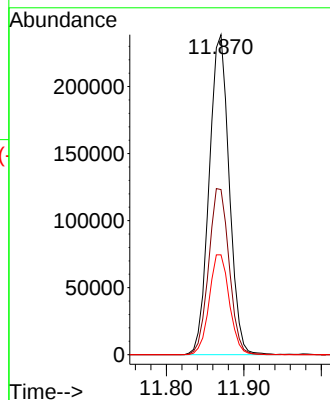
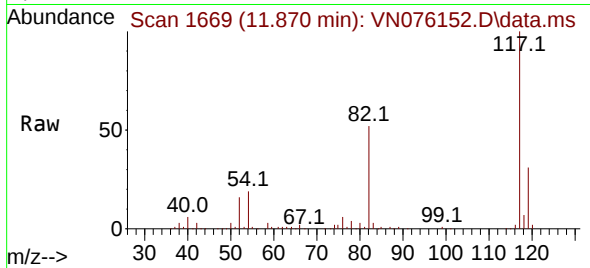




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076152.D
Acq: 09 Jan 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 428440
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 31.2 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: VN076152.D
Acq: 09 Jan 2023 13:40

Tgt Ion:152 Resp: 167799
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.4
150 156.8 0.0 347.0

