

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076345.D
 Acq On : 20 Jan 2023 14:01
 Operator : JC\MD
 Sample : 01248-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jan 20 22:15:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	407670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	640480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	551969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216740	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	216261	47.378	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.760%
35) Dibromofluoromethane	8.177	113	190702	47.599	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	10.570	98	735478	49.707	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.853	95	222049	45.970	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.940%

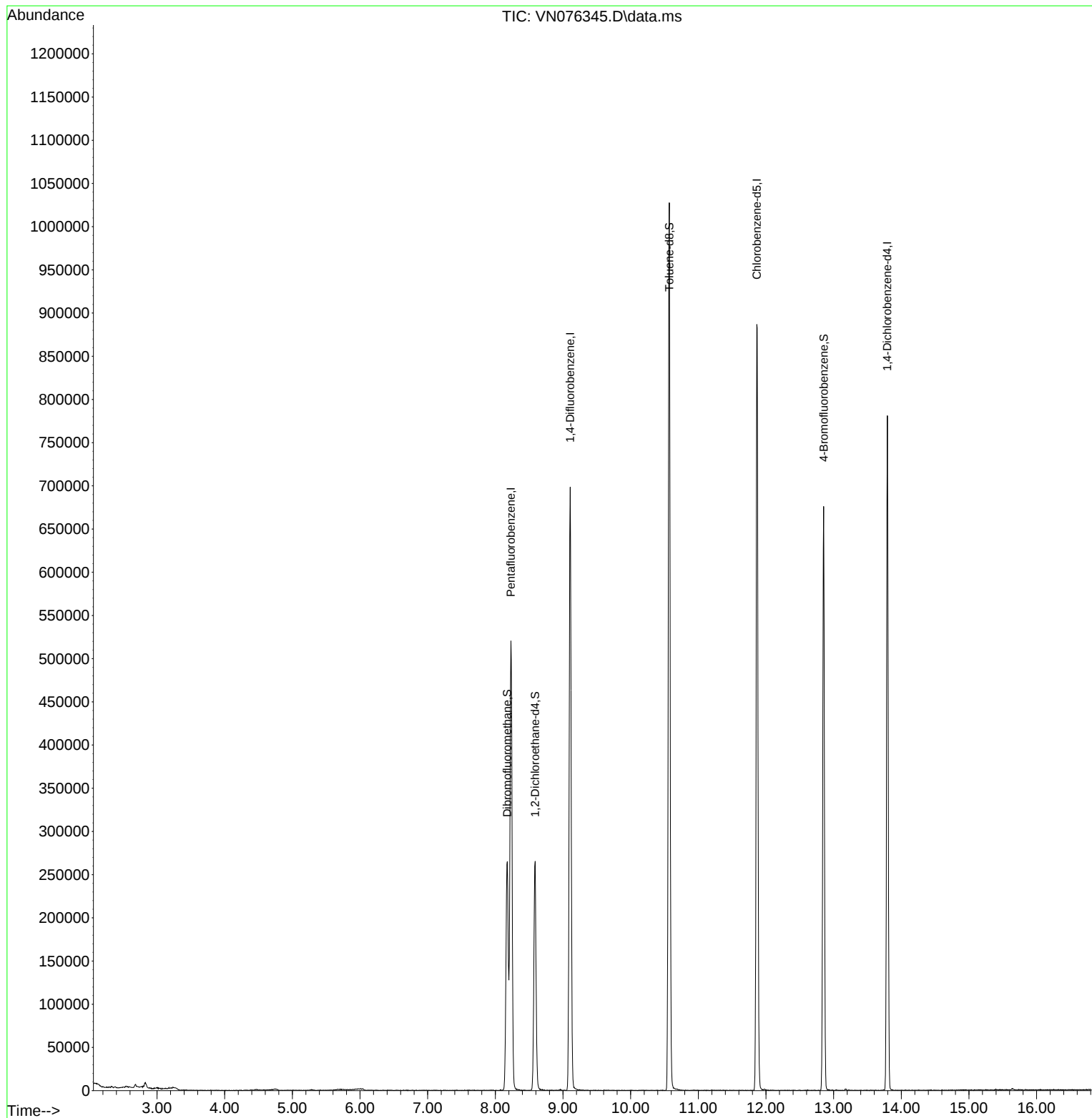
Target Compounds	Qvalue

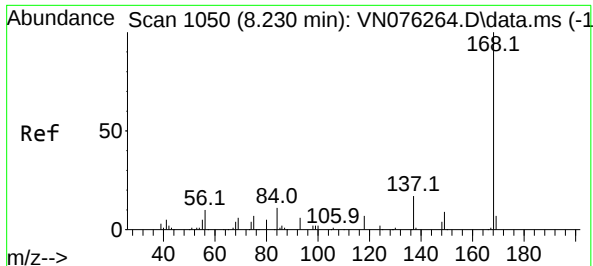
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 11050

Delta R.T. -0.001 min

Lab File: VN076345.D

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Instrument :

MSVOA_N

ClientSampleId :

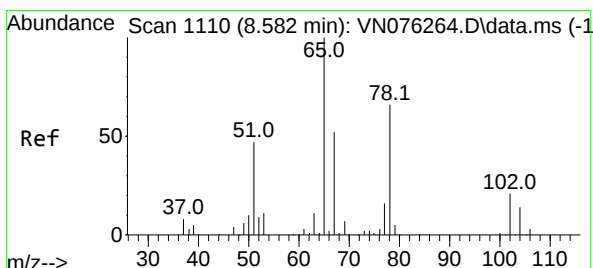
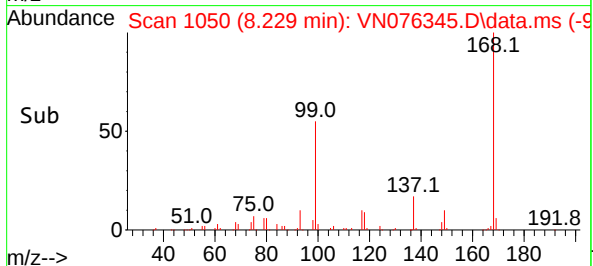
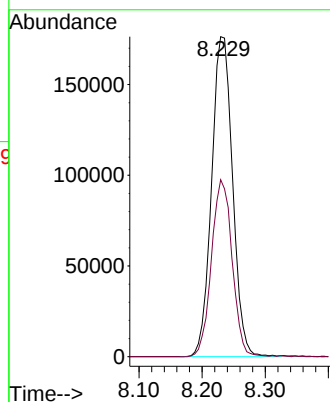
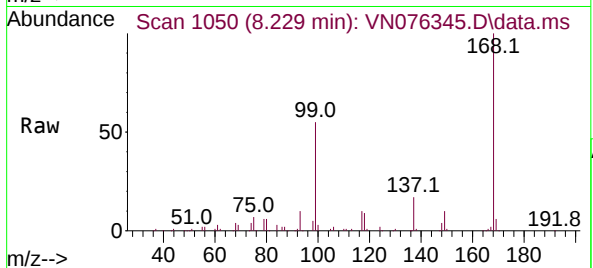
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 407670

Ion Ratio Lower Upper

168 100

99 55.3 41.6 62.4



#33

1,2-Dichloroethane-d4

Concen: 47.378 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076345.D

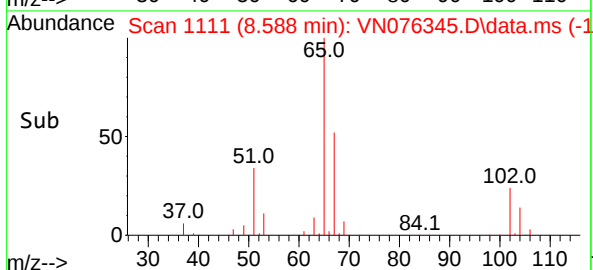
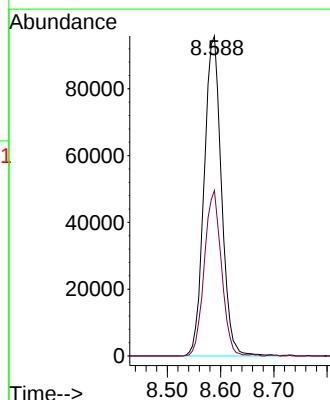
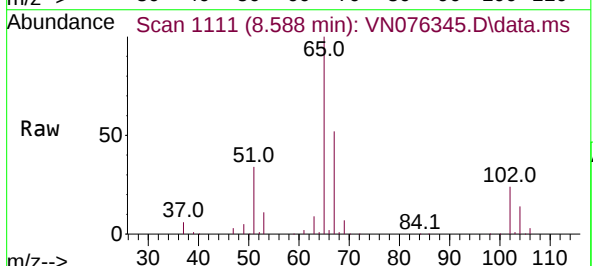
Acq: 20 Jan 2023 14:01

Tgt Ion: 65 Resp: 216261

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.6

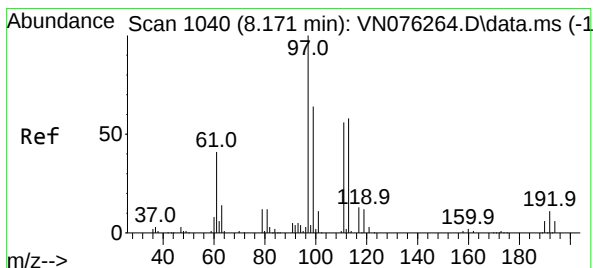
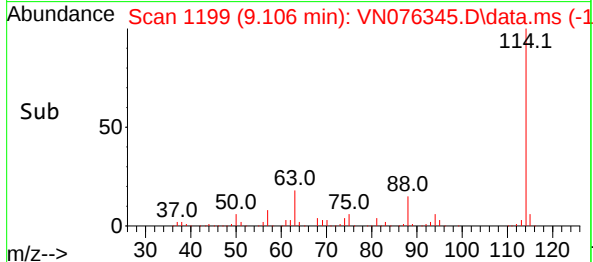
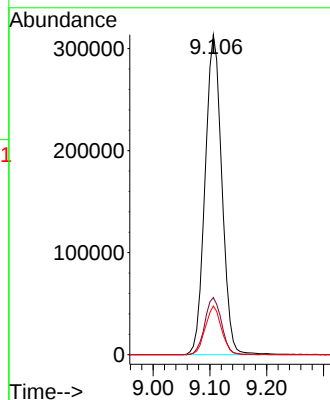
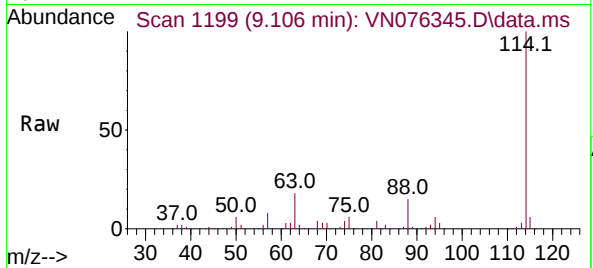




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

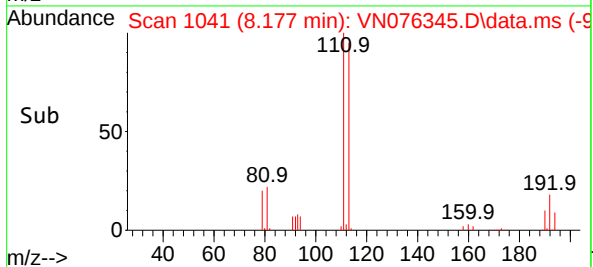
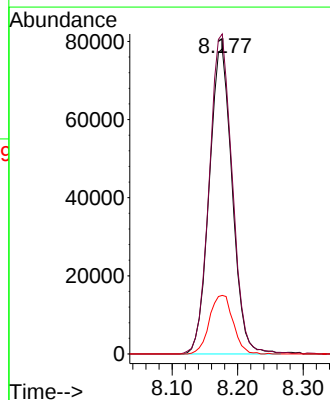
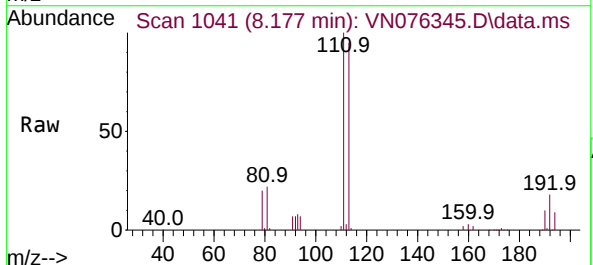
Instrument :
MSVOA_N
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STORAGE-BLANK-WATER-REF-4

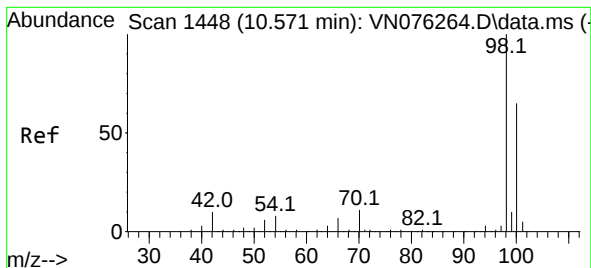
Tgt Ion:114 Resp: 640480
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.8
88 15.2 0.0 28.0



#35
Dibromofluoromethane
Concen: 47.599 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

Tgt Ion:113 Resp: 190702
Ion Ratio Lower Upper
113 100
111 104.9 82.7 124.1
192 19.7 15.6 23.4

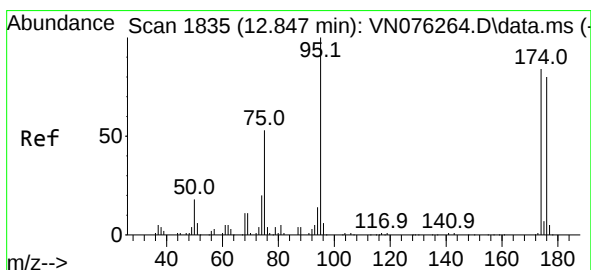
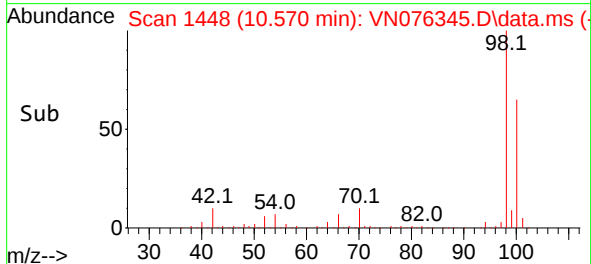
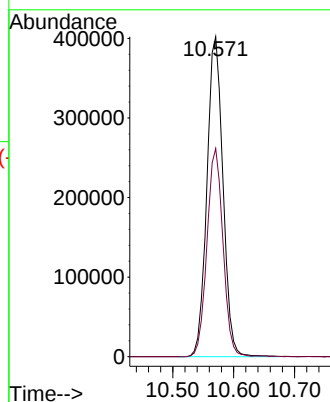
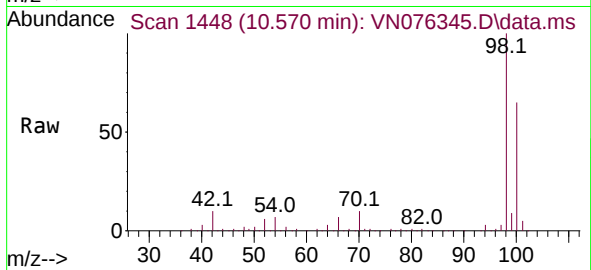




#50
Toluene-d8
Concen: 49.707 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

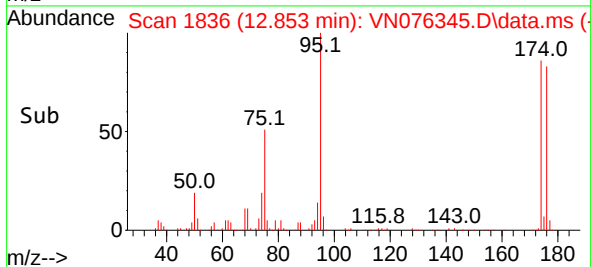
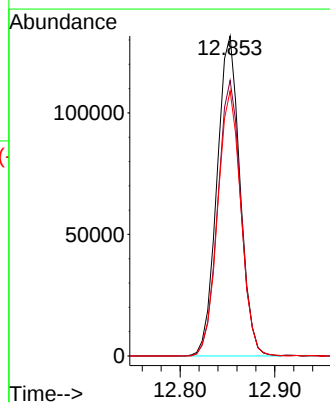
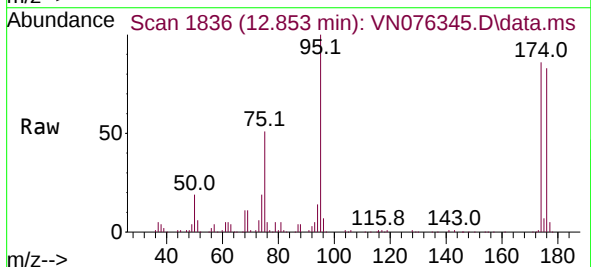
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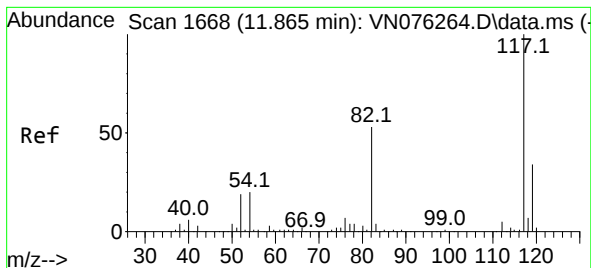
Tgt Ion: 98 Resp: 735478
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.970 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

Tgt Ion: 95 Resp: 222049
Ion Ratio Lower Upper
95 100
174 86.2 0.0 174.6
176 83.6 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076345.D

Acq: 20 Jan 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

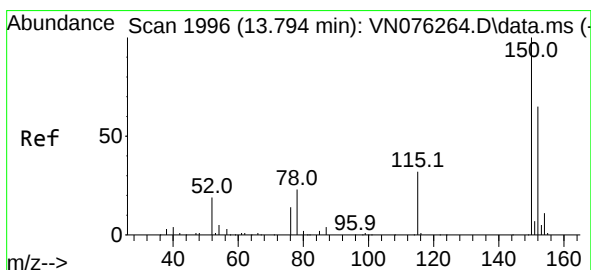
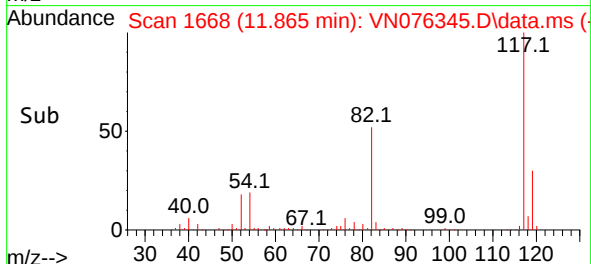
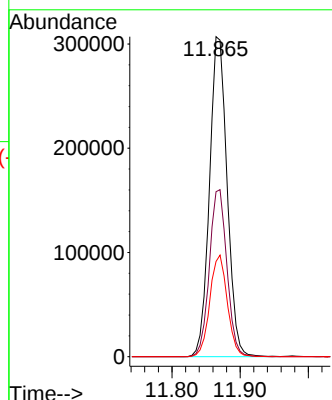
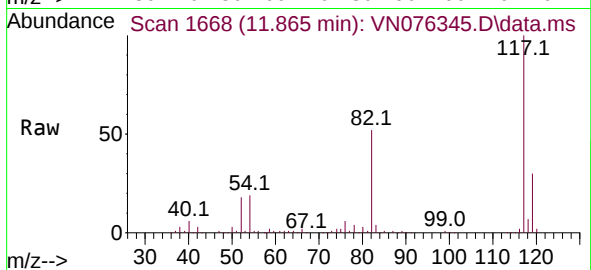
Tgt Ion:117 Resp: 551969

Ion Ratio Lower Upper

117 100

82 51.6 42.2 63.2

119 29.8 26.9 40.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076345.D

Acq: 20 Jan 2023 14:01

Tgt Ion:152 Resp: 216740

Ion Ratio Lower Upper

152 100

115 58.3 29.6 88.9

150 156.8 0.0 351.4

