

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076114.D
 Acq On : 05 Jan 2023 16:28
 Operator : JC\MD
 Sample : 01003-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jan 05 23:50:37 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	314738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	437680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	168869	49.318	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.640%
35) Dibromofluoromethane	8.177	113	154641	49.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	10.571	98	580748	49.957	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.853	95	179016	46.494	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.980%

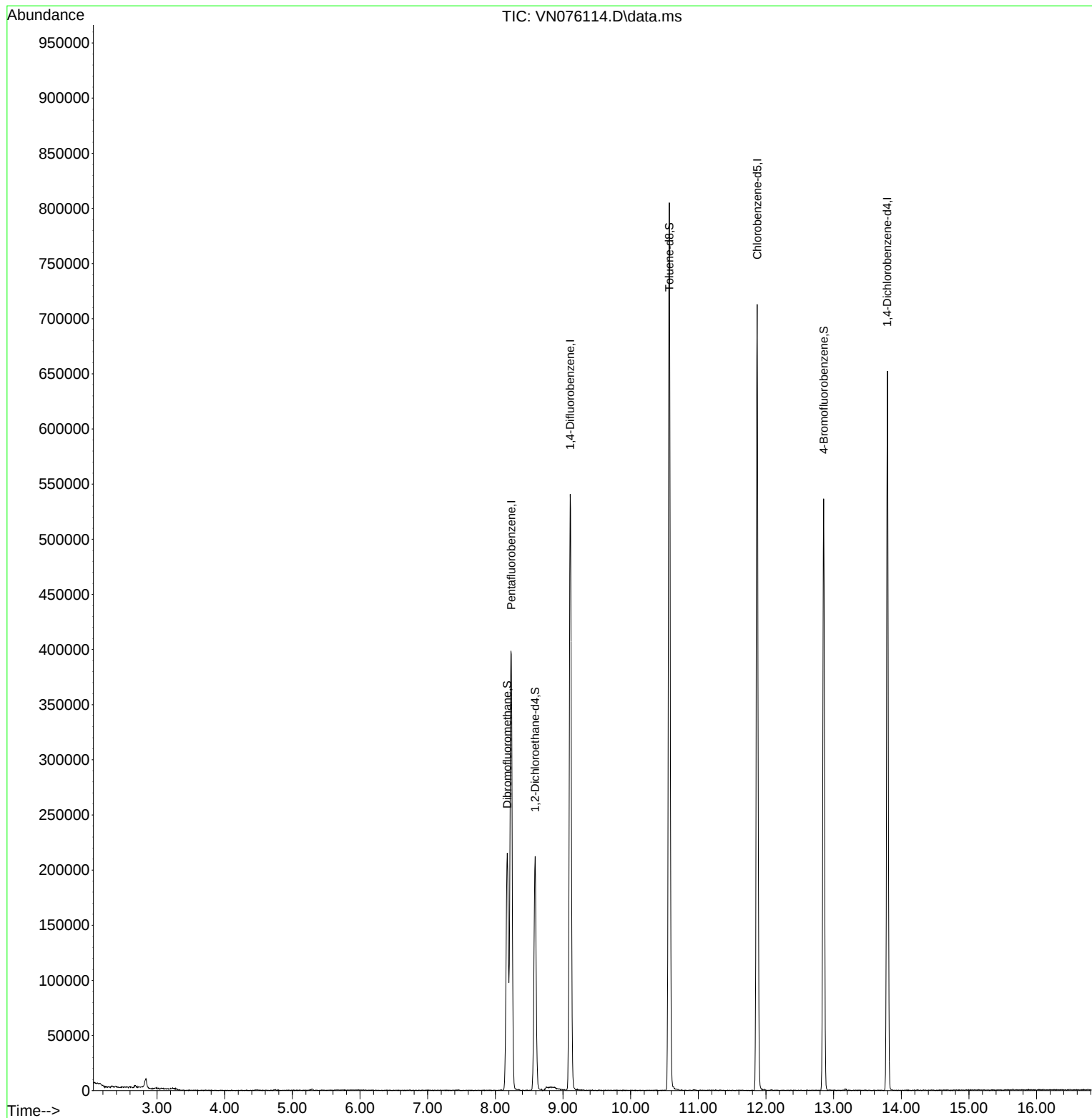
Target Compounds	Qvalue

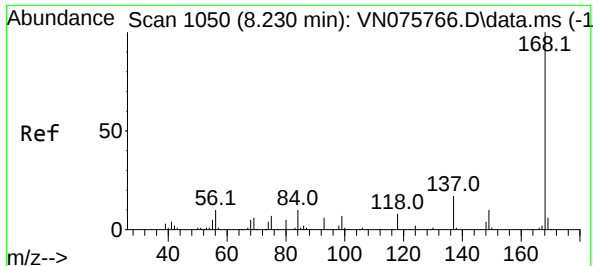
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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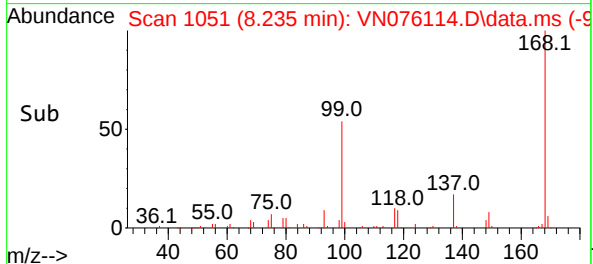
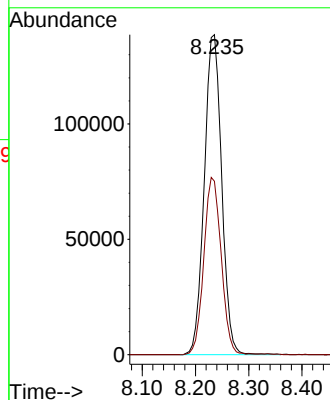
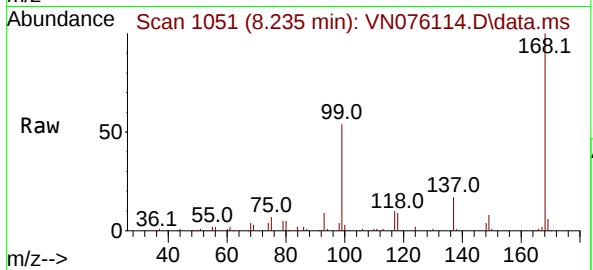




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1105
Delta R.T. 0.005 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

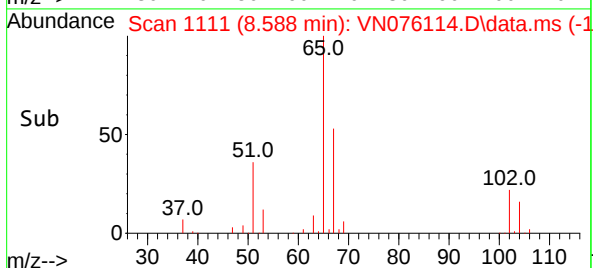
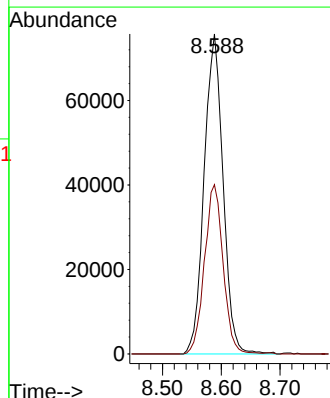
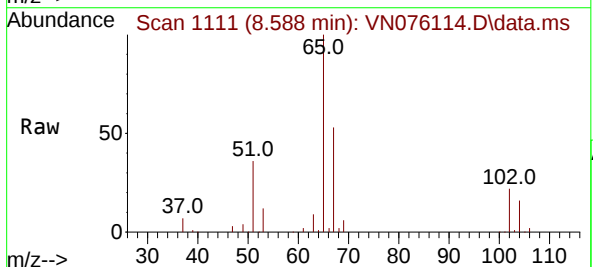
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 314738
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.318 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

Tgt Ion: 65 Resp: 168869
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: VN076114.D

Acq: 05 Jan 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

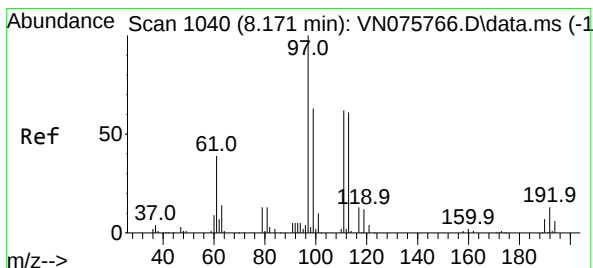
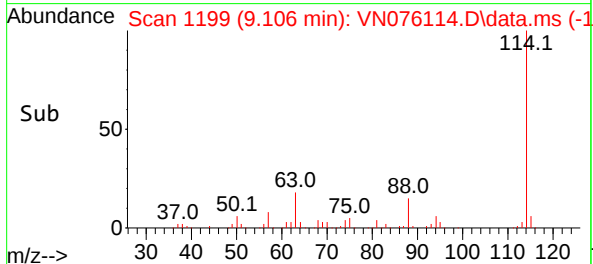
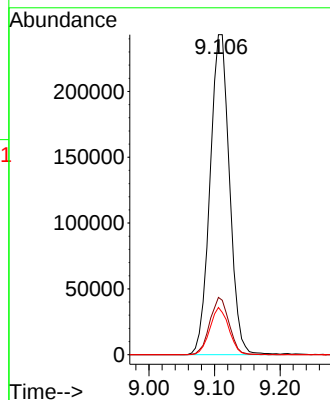
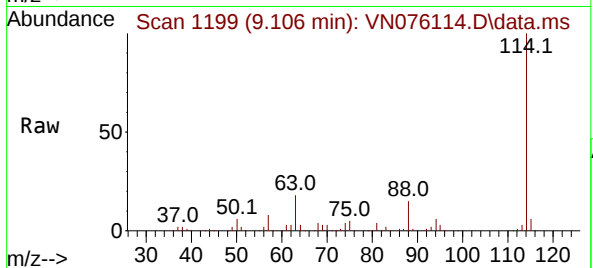
Tgt Ion:114 Resp: 502061

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.737 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076114.D

Acq: 05 Jan 2023 16:28

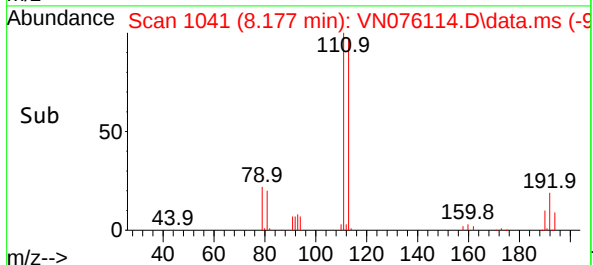
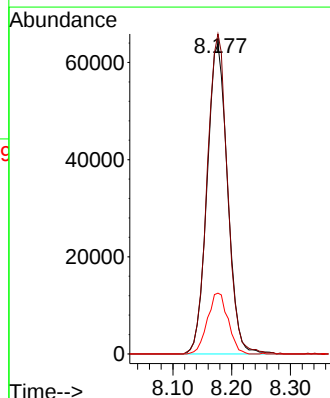
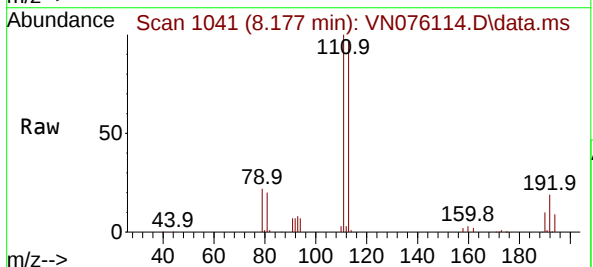
Tgt Ion:113 Resp: 154641

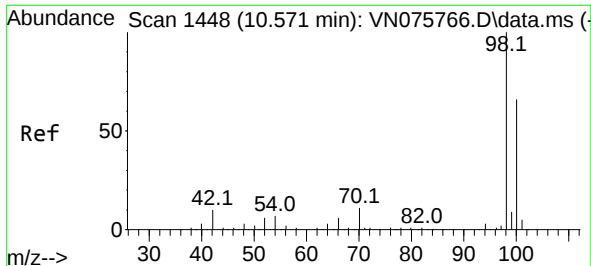
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 19.7 16.1 24.1

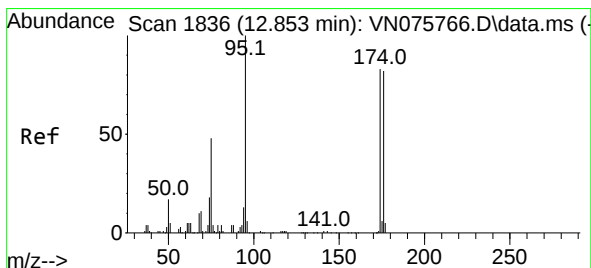
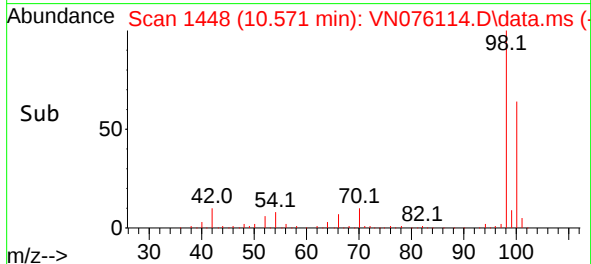
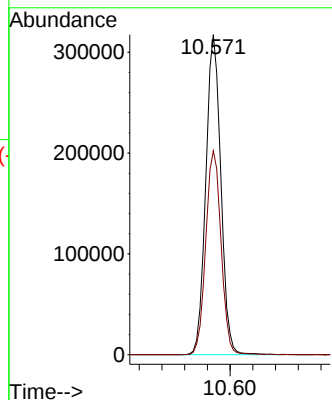
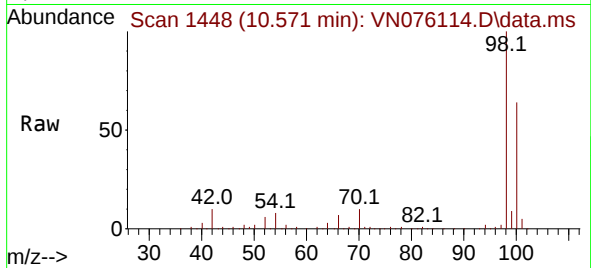




#50
Toluene-d8
Concen: 49.957 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

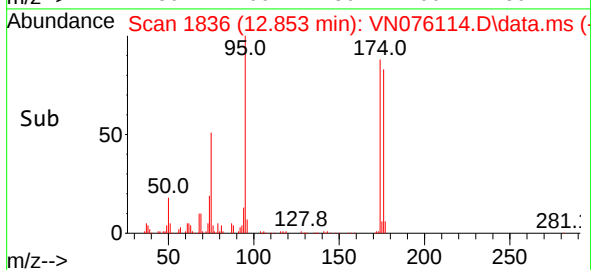
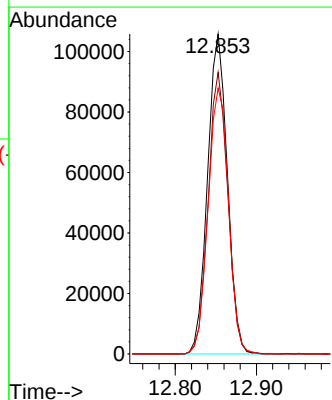
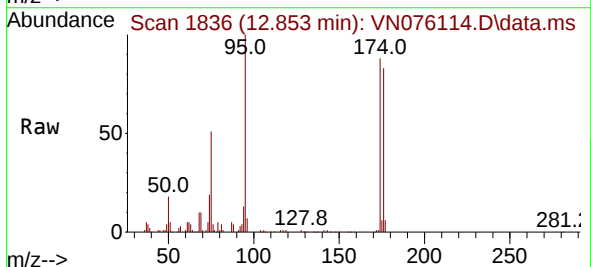
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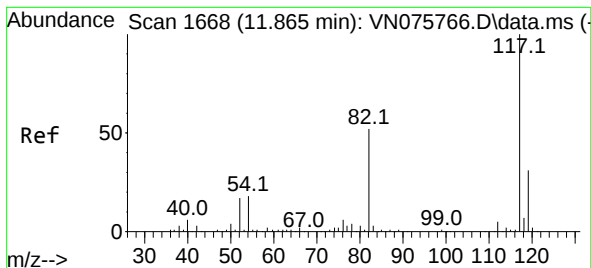
Tgt Ion: 98 Resp: 580748
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.494 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076114.D
Acq: 05 Jan 2023 16:28

Tgt Ion: 95 Resp: 179016
Ion Ratio Lower Upper
95 100
174 87.2 0.0 171.6
176 85.6 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: VN076114.D

Acq: 05 Jan 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

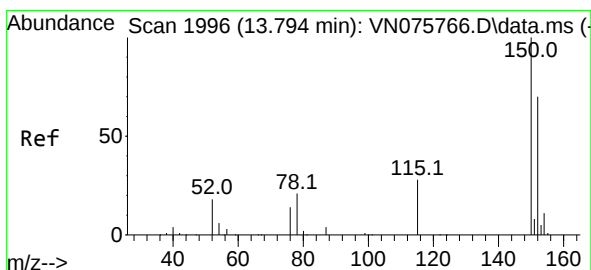
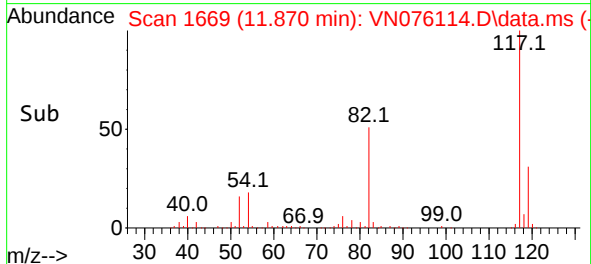
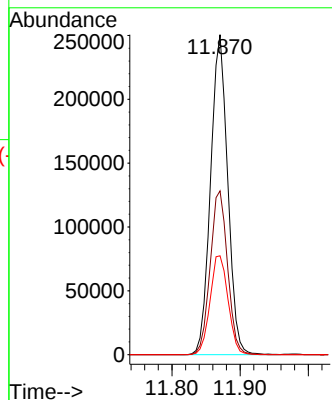
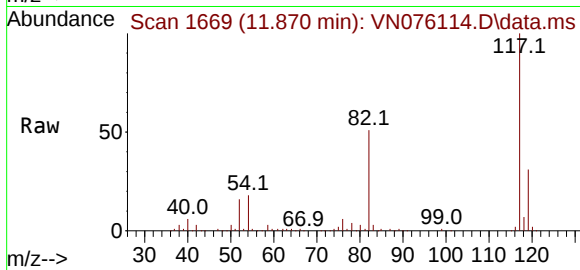
Tgt Ion:117 Resp: 437680

Ion Ratio Lower Upper

117 100

82 51.2 41.3 61.9

119 30.9 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: VN076114.D

Acq: 05 Jan 2023 16:28

Tgt Ion:152 Resp: 184673

Ion Ratio Lower Upper

152 100

115 57.0 29.1 87.4

150 154.8 0.0 347.0

