

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076386.D
 Acq On : 24 Jan 2023 17:34
 Operator : JC\MD
 Sample : 01285-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2023-1-24

Quant Time: Jan 25 00:41:18 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	8.230	168	361925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	582438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	510836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211708	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	205368	50.678	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.360%
35) Dibromofluoromethane	8.171	113	174550	47.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.820%
50) Toluene-d8	10.571	98	679198	50.477	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.853	95	216737	49.342	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.680%

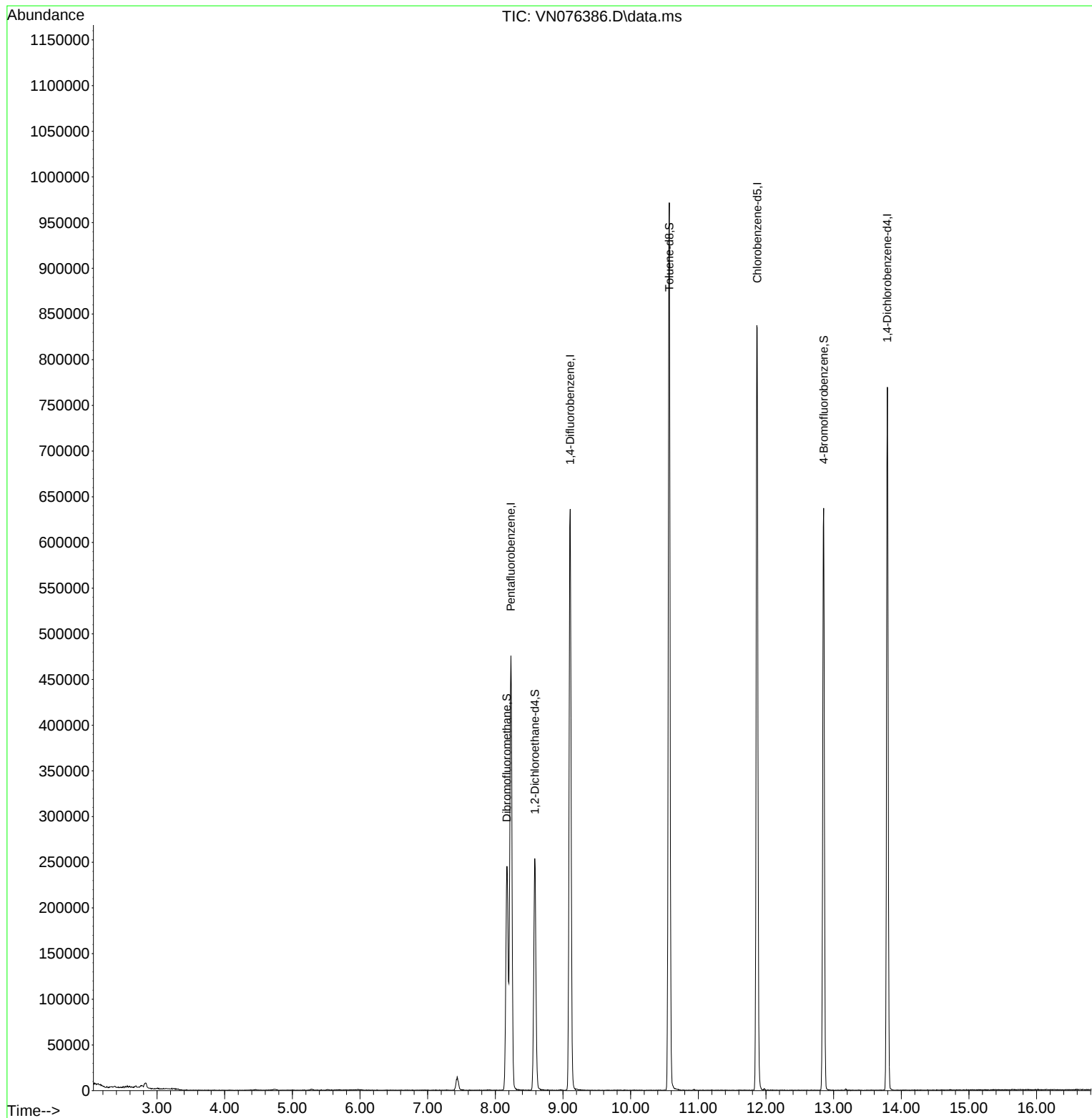
Target Compounds	Qvalue

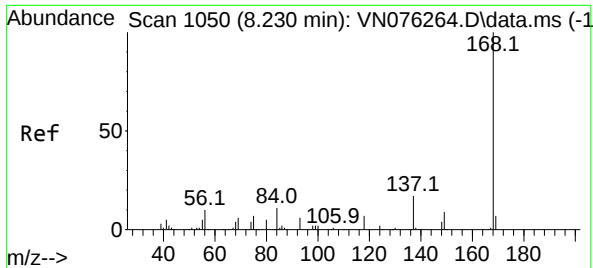
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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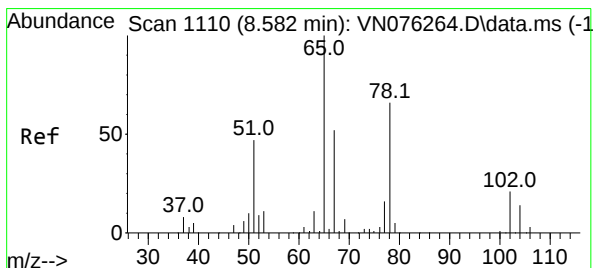
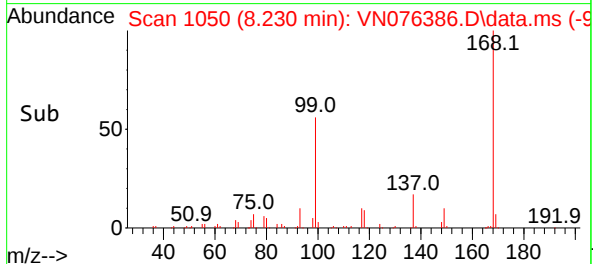
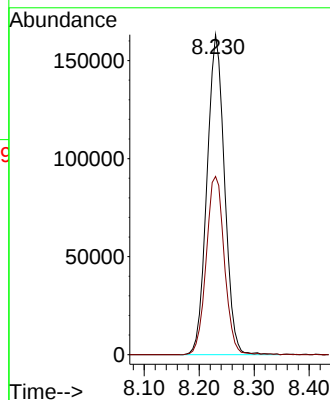
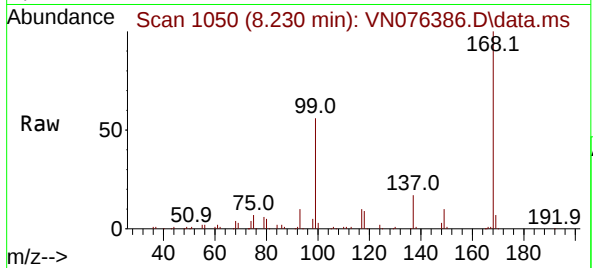




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

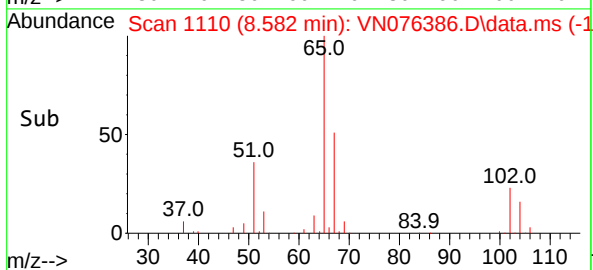
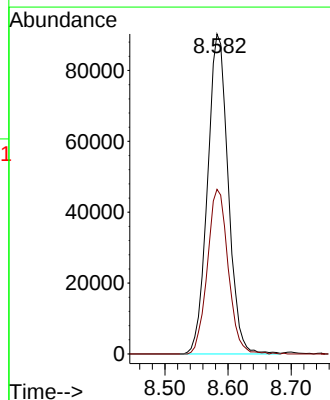
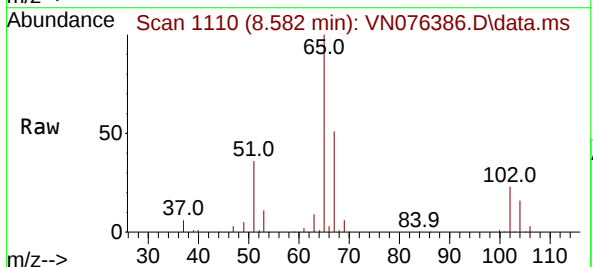
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-24

Tgt Ion:168 Resp: 361925
Ion Ratio Lower Upper
168 100
99 55.7 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 50.678 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

Tgt Ion: 65 Resp: 205368
Ion Ratio Lower Upper
65 100
67 51.8 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: VN076386.D

Acq: 24 Jan 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

EB-2023-1-24

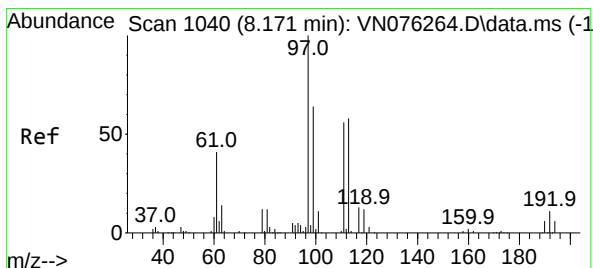
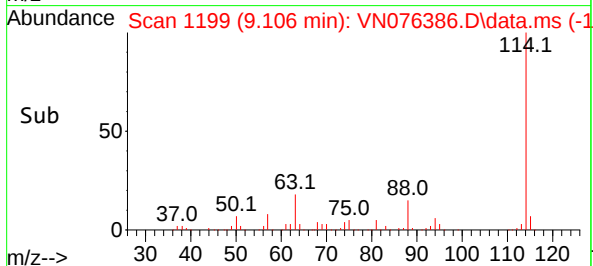
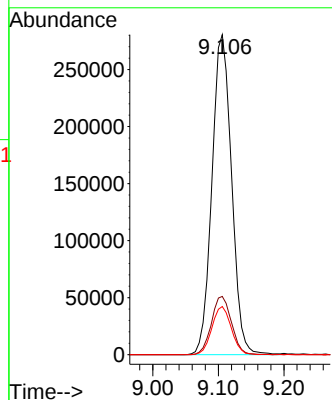
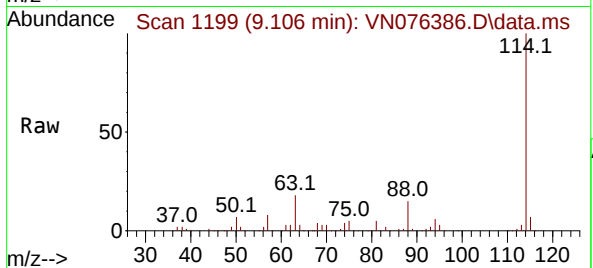
Tgt Ion:114 Resp: 582438

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.8

88 15.1 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.909 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076386.D

Acq: 24 Jan 2023 17:34

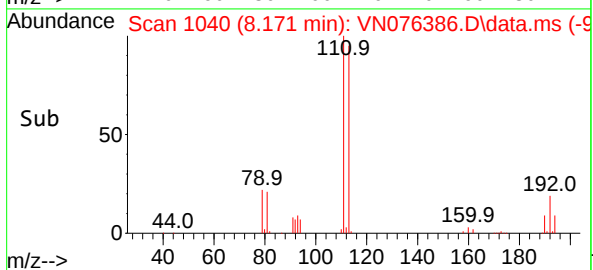
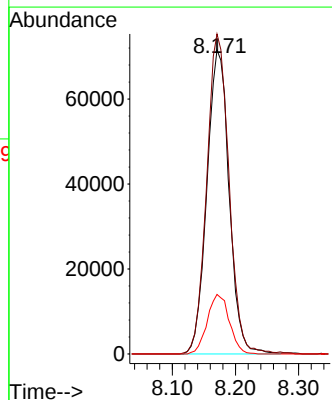
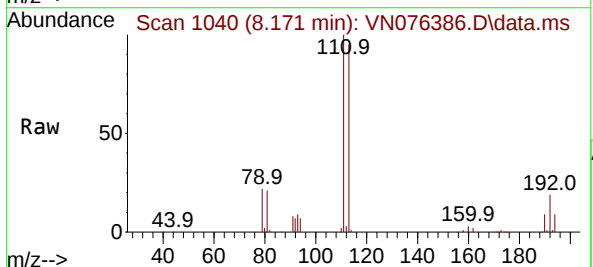
Tgt Ion:113 Resp: 174550

Ion Ratio Lower Upper

113 100

111 105.6 82.7 124.1

192 19.4 15.6 23.4

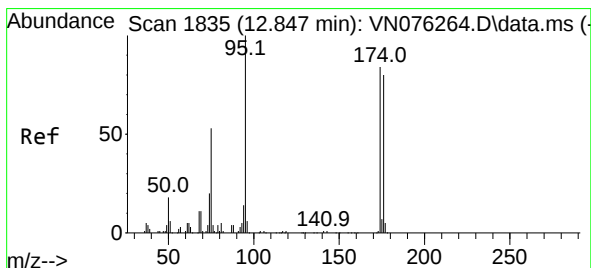
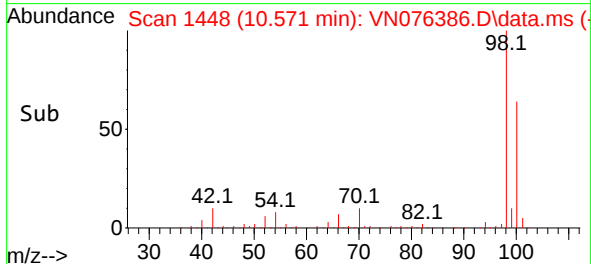
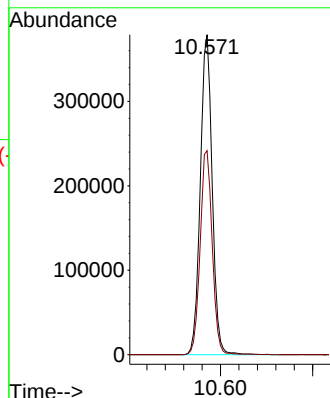
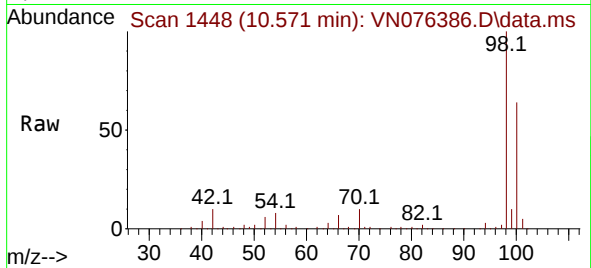




#50
Toluene-d8
Concen: 50.477 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

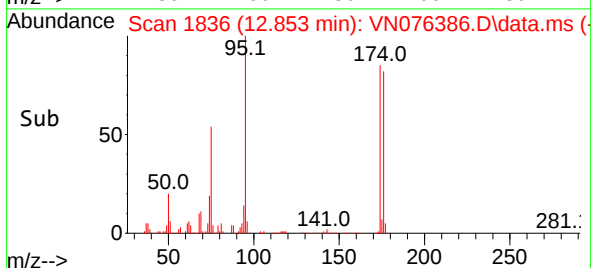
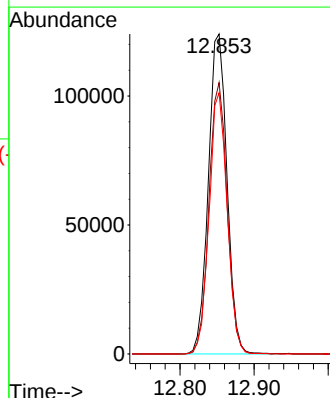
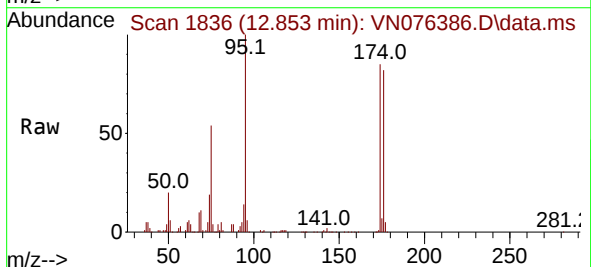
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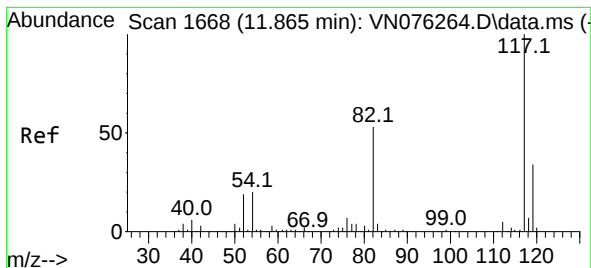
Tgt Ion: 98 Resp: 679198
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.342 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

Tgt Ion: 95 Resp: 216737
Ion Ratio Lower Upper
95 100
174 82.8 0.0 174.6
176 79.1 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076386.D

Acq: 24 Jan 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

EB-2023-1-24

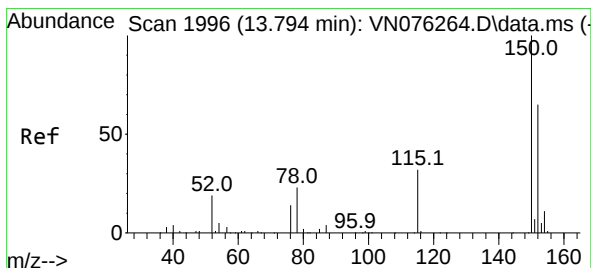
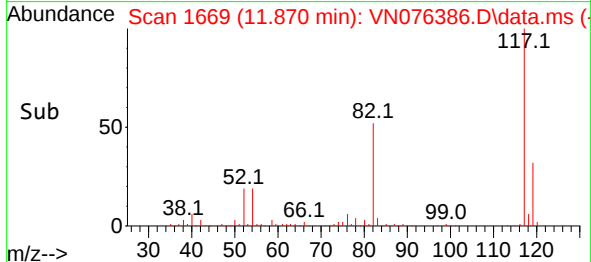
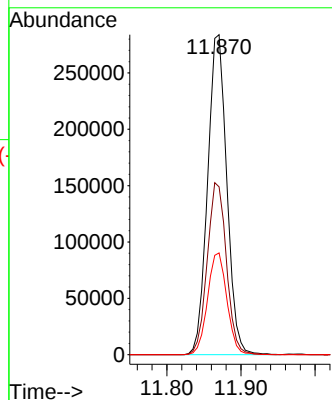
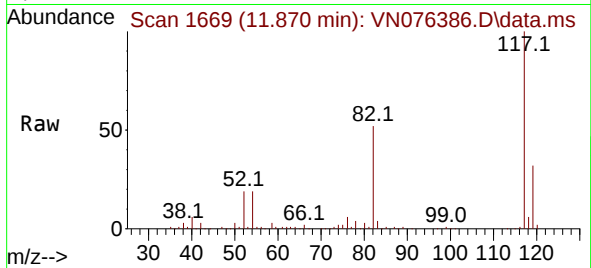
Tgt Ion:117 Resp: 510836

Ion Ratio Lower Upper

117 100

82 52.5 42.2 63.2

119 31.8 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: VN076386.D

Acq: 24 Jan 2023 17:34

Tgt Ion:152 Resp: 211708

Ion Ratio Lower Upper

152 100

115 58.4 29.6 88.9

150 159.3 0.0 351.4

