

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076311.D
 Acq On : 19 Jan 2023 10:20
 Operator : JC\MD
 Sample : VN0119MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119MBL01

Quant Time: Jan 20 00:50:19 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	327680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	516852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	435784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178468	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	175146	47.737	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.480%
35) Dibromofluoromethane	8.177	113	158389	48.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	10.570	98	580632	48.628	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.853	95	178484	45.789	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.580%

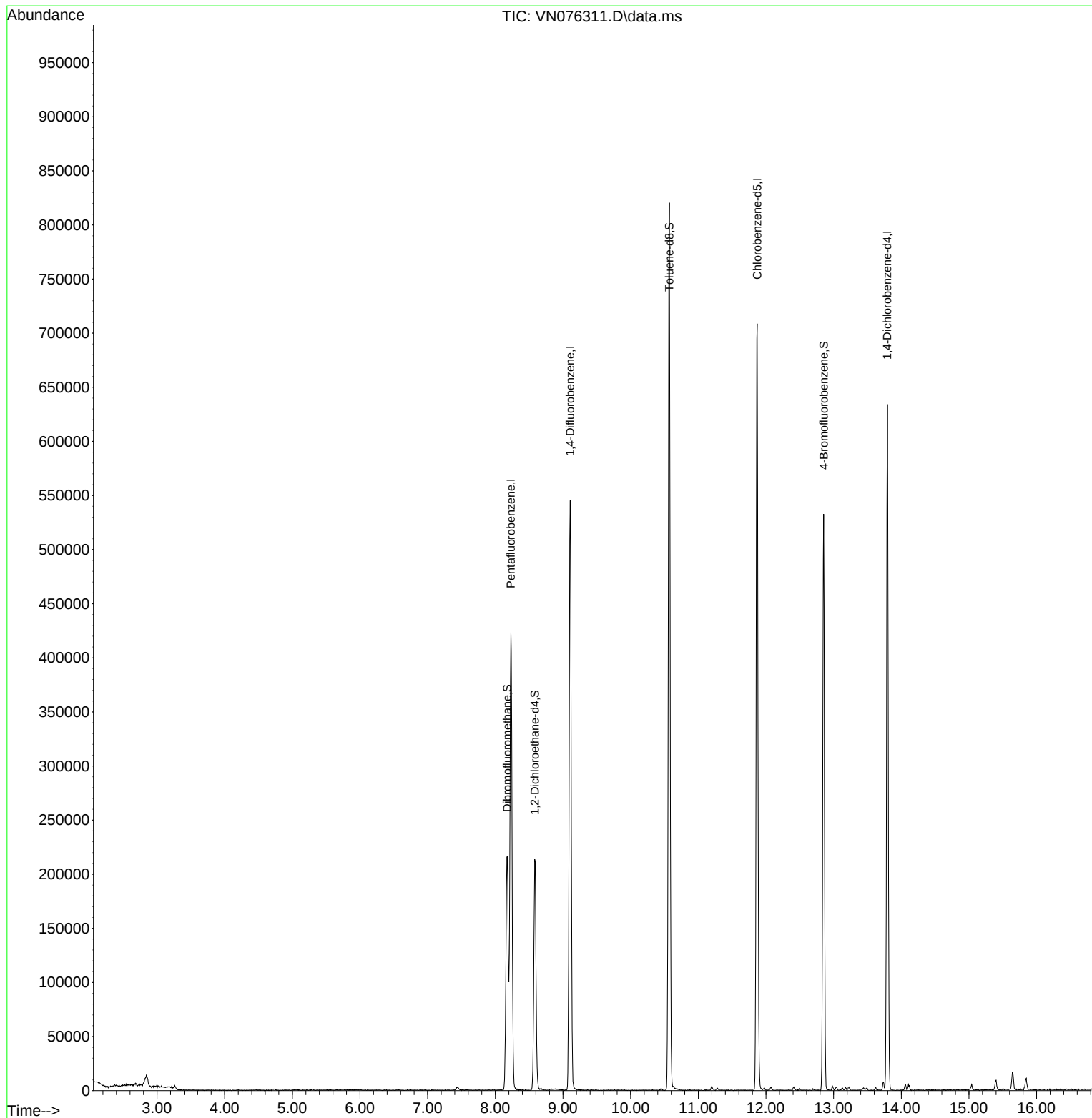
Target Compounds	Qvalue

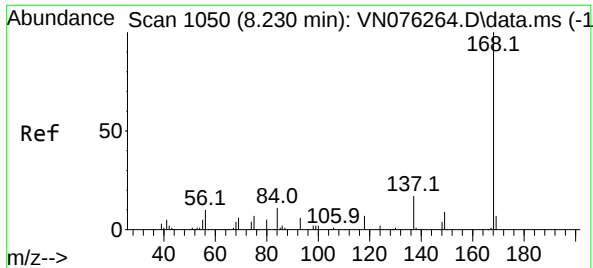
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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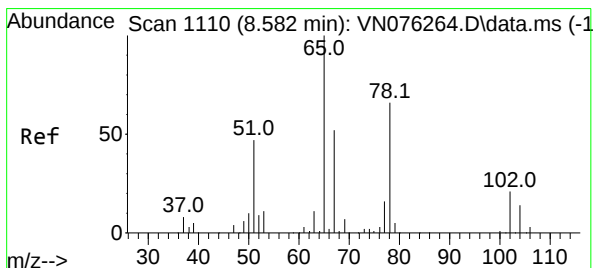
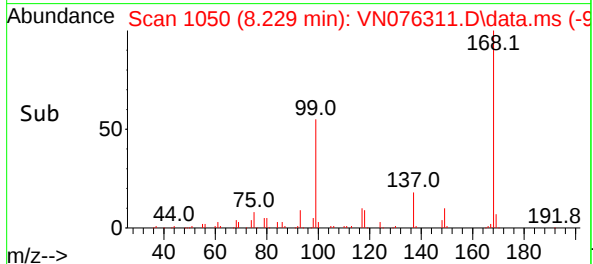
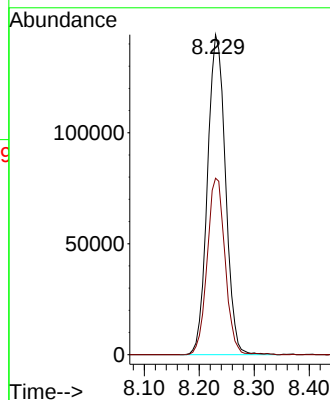
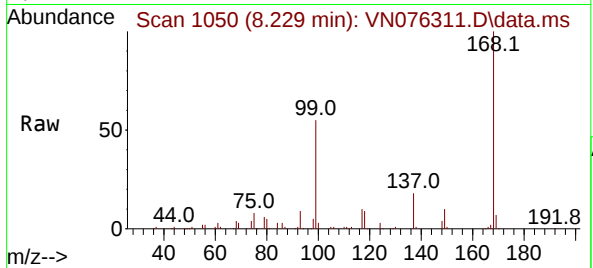




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076311.D
Acq: 19 Jan 2023 10:20

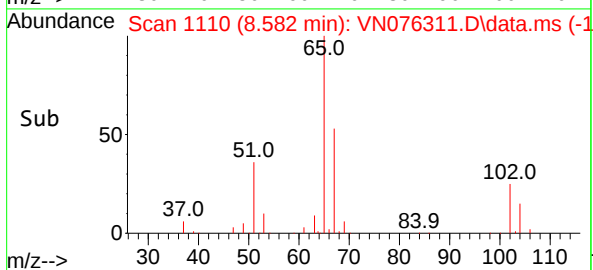
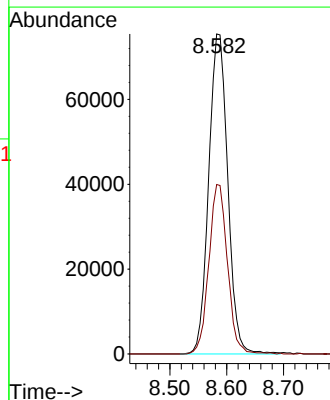
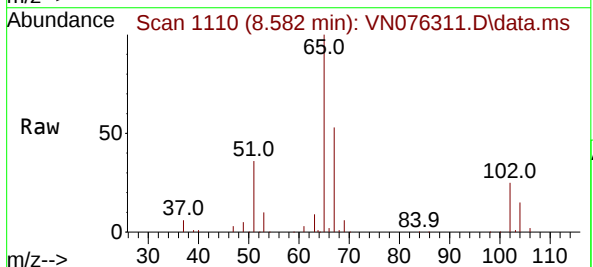
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBL01

Tgt Ion:168 Resp: 327680
Ion Ratio Lower Upper
168 100
99 55.2 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 47.737 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076311.D
Acq: 19 Jan 2023 10:20

Tgt Ion: 65 Resp: 175146
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: VN076311.D

Acq: 19 Jan 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBL01

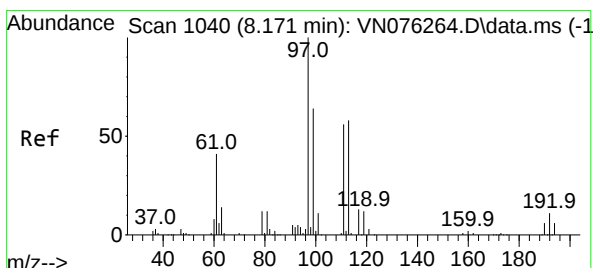
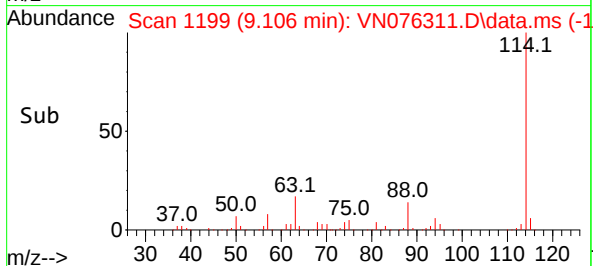
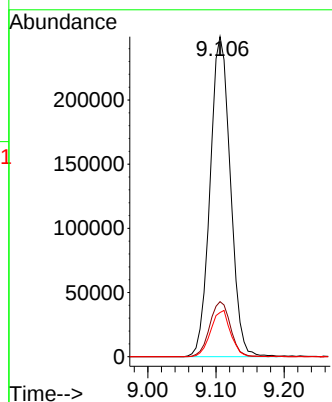
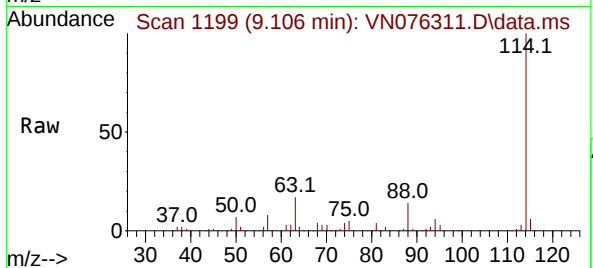
Tgt Ion:114 Resp: 516852

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.8

88 13.8 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.989 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076311.D

Acq: 19 Jan 2023 10:20

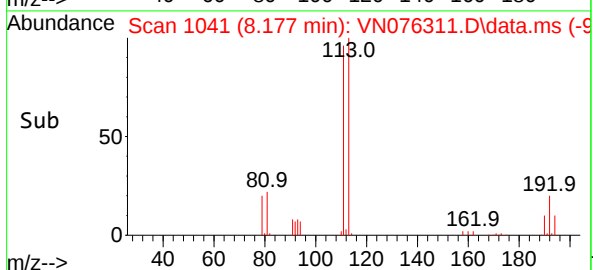
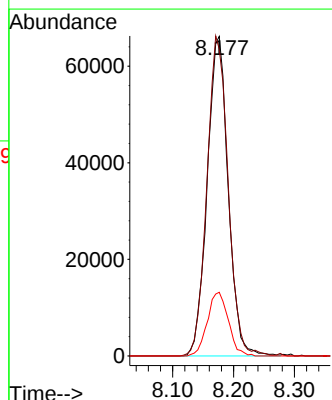
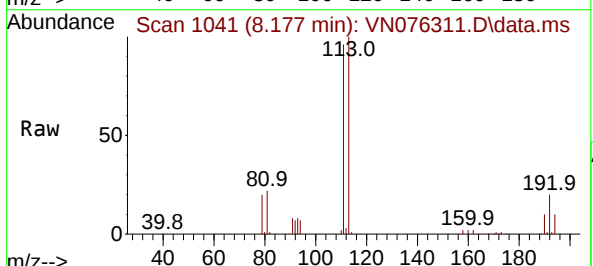
Tgt Ion:113 Resp: 158389

Ion Ratio Lower Upper

113 100

111 101.1 82.7 124.1

192 20.0 15.6 23.4

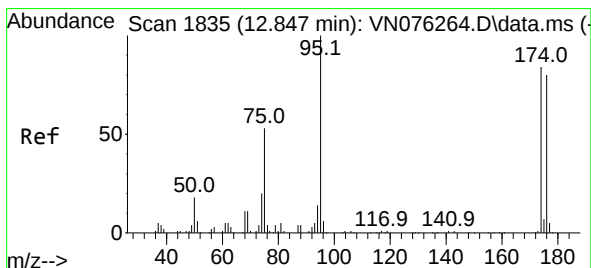
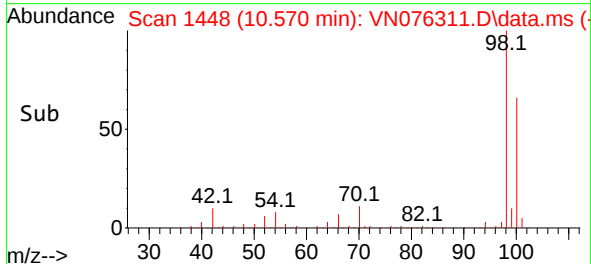
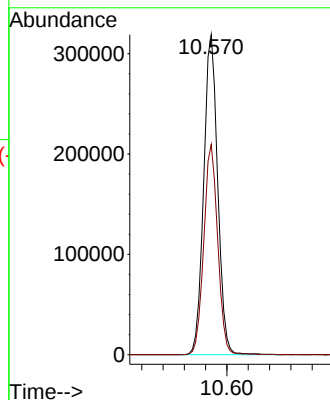
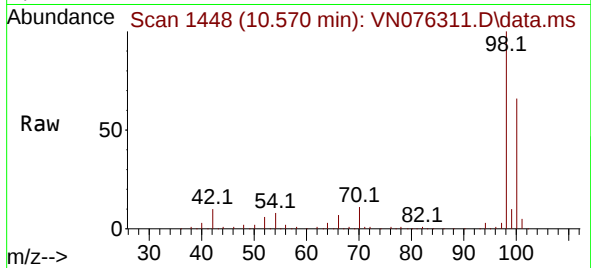




#50
Toluene-d8
Concen: 48.628 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076311.D
Acq: 19 Jan 2023 10:20

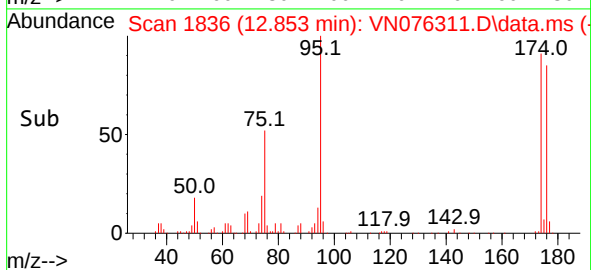
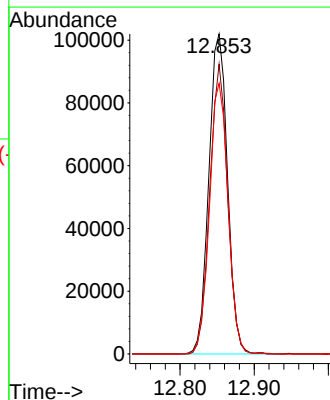
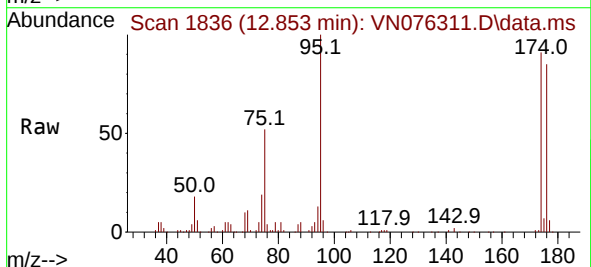
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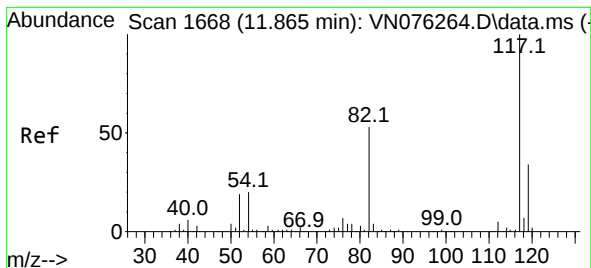
Tgt Ion: 98 Resp: 580632
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.789 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076311.D
Acq: 19 Jan 2023 10:20

Tgt Ion: 95 Resp: 178484
Ion Ratio Lower Upper
95 100
174 86.5 0.0 174.6
176 84.4 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: VN076311.D

Acq: 19 Jan 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBL01

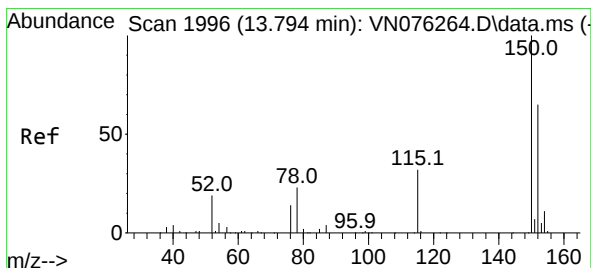
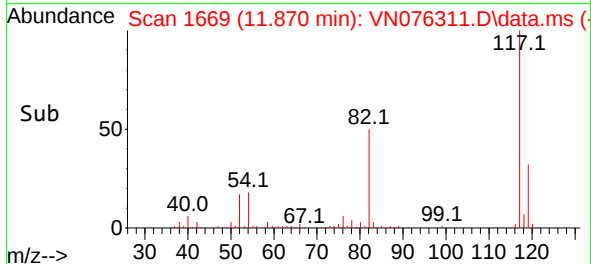
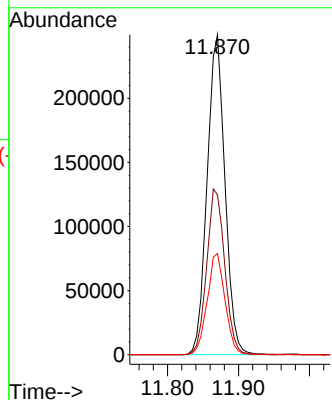
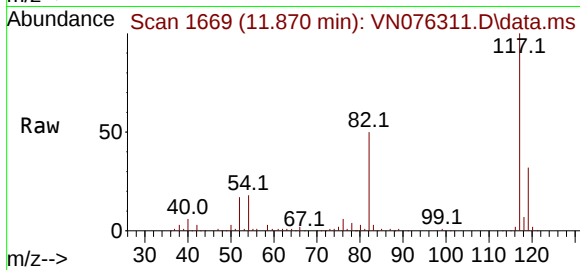
Tgt Ion:117 Resp: 435784

Ion Ratio Lower Upper

117 100

82 49.9 42.2 63.2

119 31.6 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: VN076311.D

Acq: 19 Jan 2023 10:20

Tgt Ion:152 Resp: 178468

Ion Ratio Lower Upper

152 100

115 57.6 29.6 88.9

150 158.8 0.0 351.4

