

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076256.D
 Acq On : 13 Jan 2023 18:15
 Operator : JC\MD
 Sample : 01160-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2023-1-13

Quant Time: Jan 16 01:14:42 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	375448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	594611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	516223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	193876	47.466	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.940%
35) Dibromofluoromethane	8.177	113	176759	48.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	10.571	98	676932	49.168	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.853	95	211401	46.359	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.720%

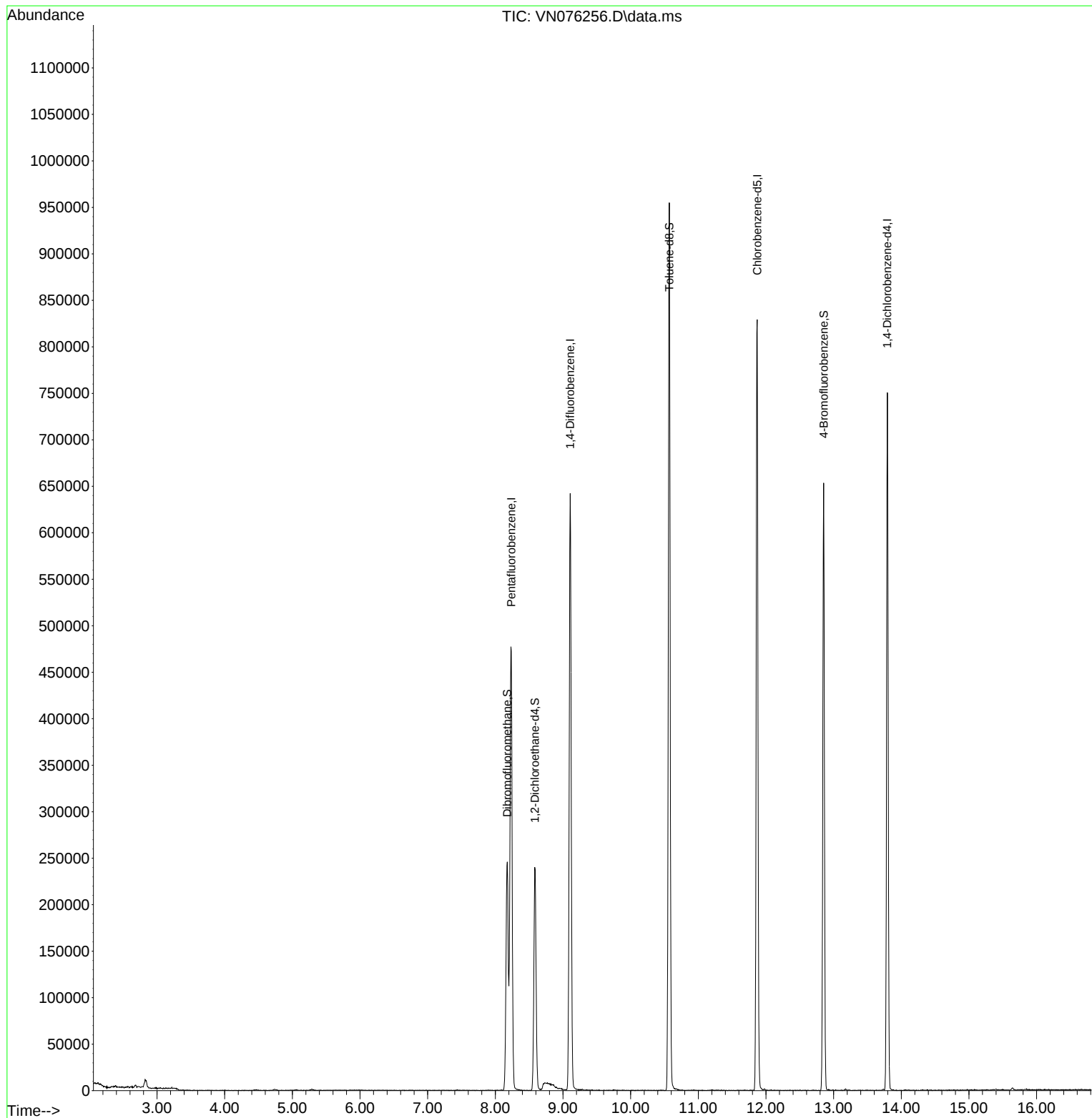
Target Compounds	Qvalue

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

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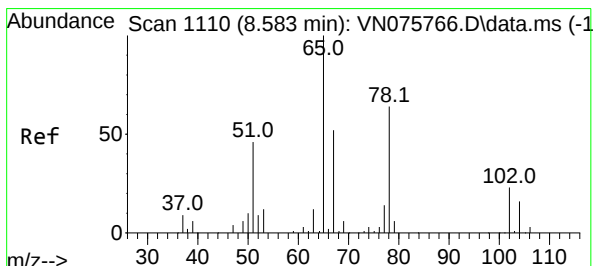
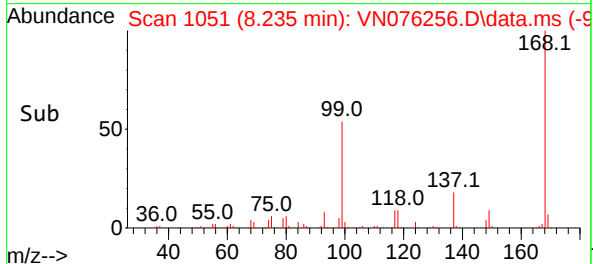
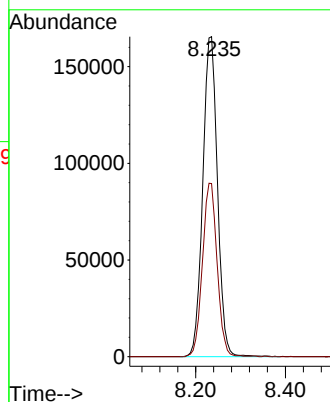
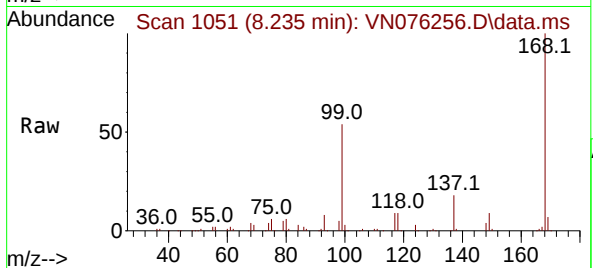




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076256.D
Acq: 13 Jan 2023 18:15

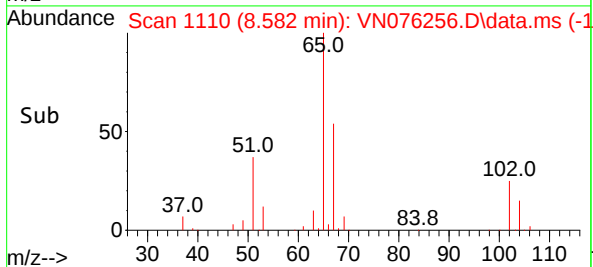
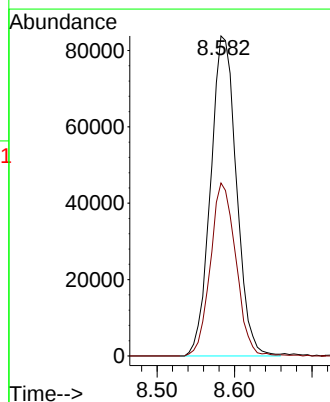
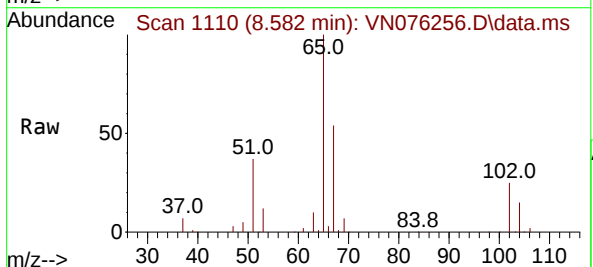
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-1-13

Tgt Ion:168 Resp: 375448
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.466 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076256.D
Acq: 13 Jan 2023 18:15

Tgt Ion: 65 Resp: 193876
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.4

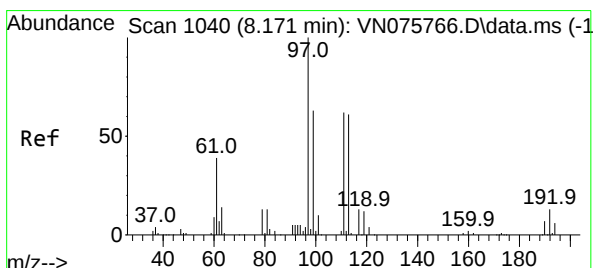
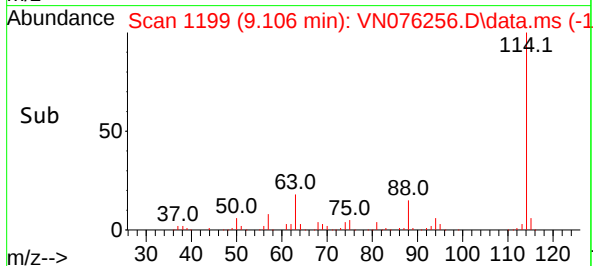
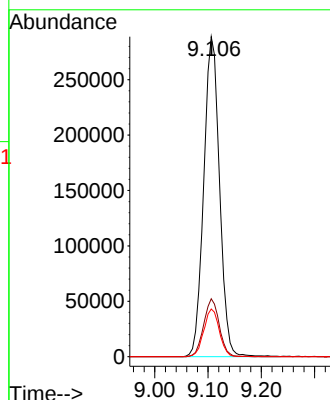
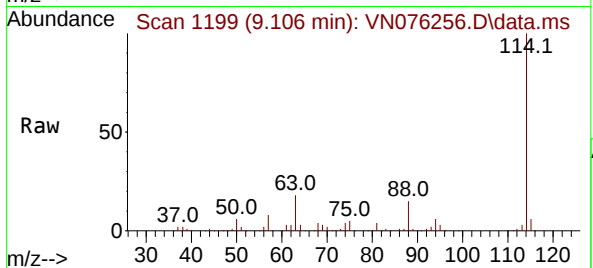




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076256.D
Acq: 13 Jan 2023 18:15

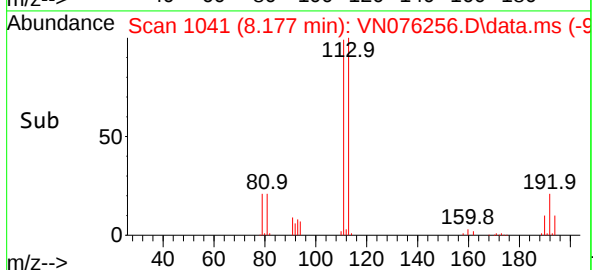
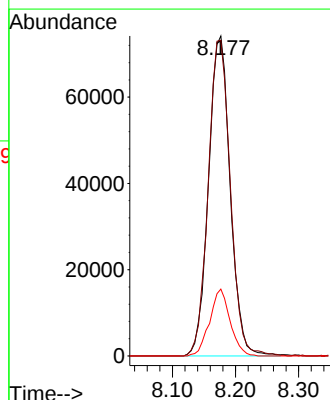
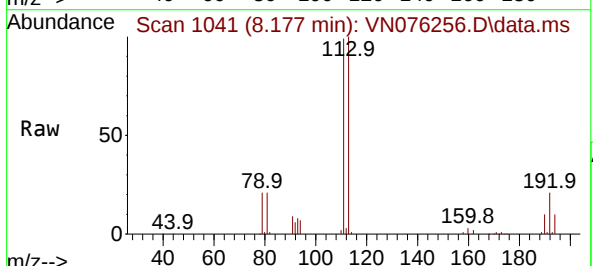
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-1-13

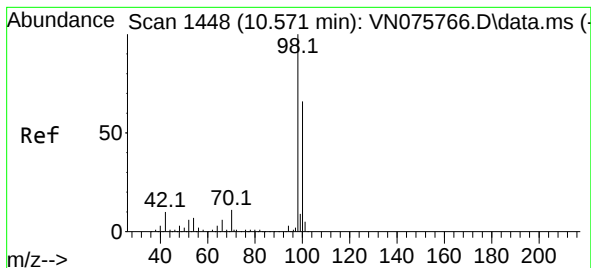
Tgt Ion:114 Resp: 594611
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.4
88 14.9 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.002 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076256.D
Acq: 13 Jan 2023 18:15

Tgt Ion:113 Resp: 176759
Ion Ratio Lower Upper
113 100
111 100.9 83.4 125.2
192 19.7 16.1 24.1





#50

Toluene-d8

Concen: 49.168 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076256.D

Acq: 13 Jan 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

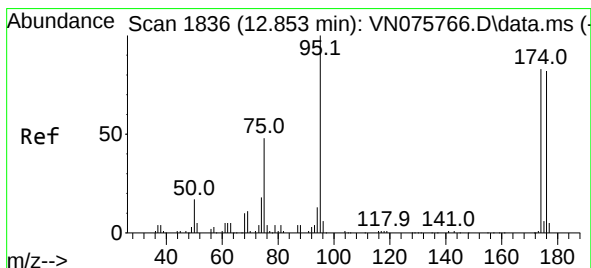
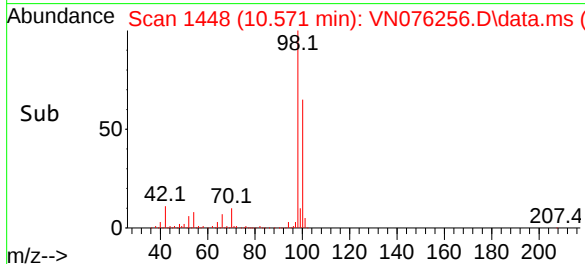
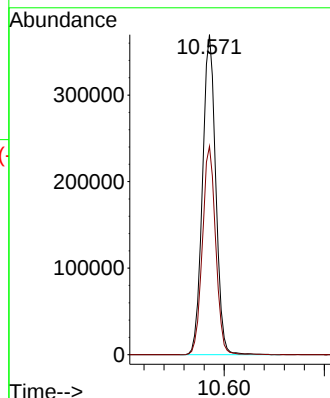
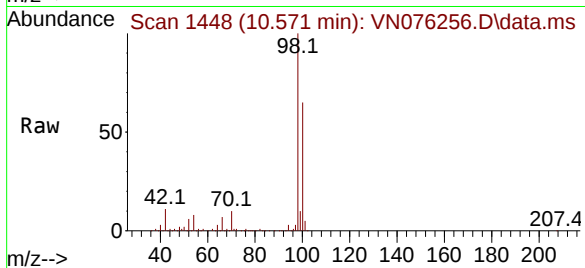
TB-2023-1-13

Tgt Ion: 98 Resp: 676932

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.359 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN076256.D

Acq: 13 Jan 2023 18:15

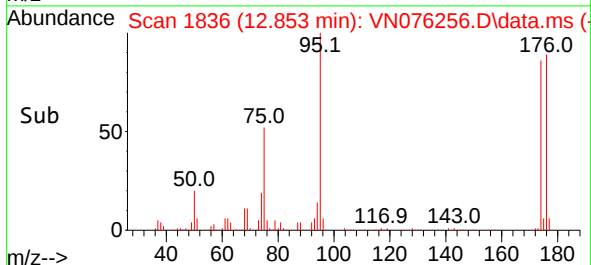
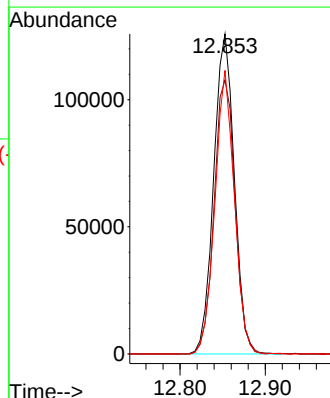
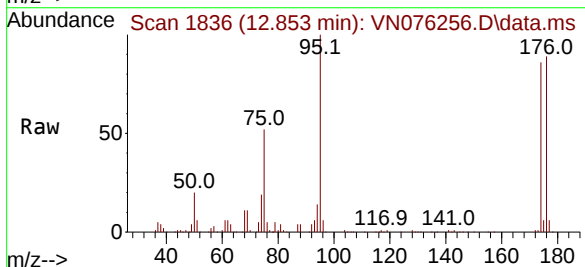
Tgt Ion: 95 Resp: 211401

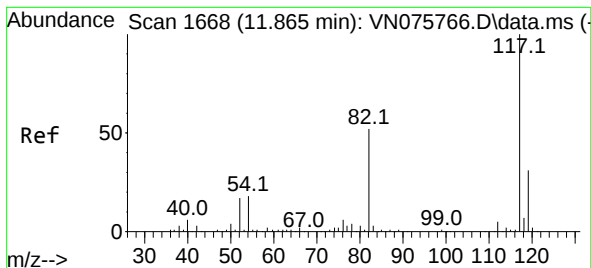
Ion Ratio Lower Upper

95 100

174 87.0 0.0 171.6

176 83.6 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: VN076256.D

Acq: 13 Jan 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

TB-2023-1-13

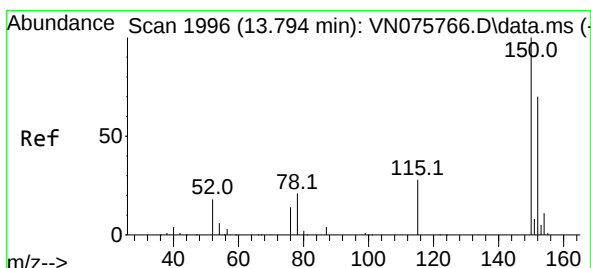
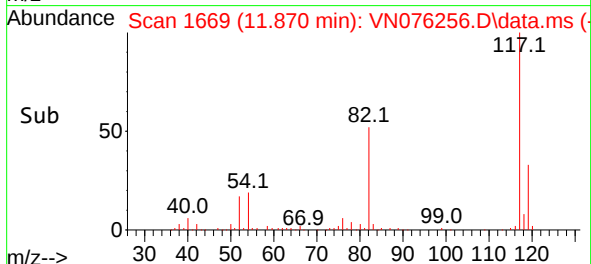
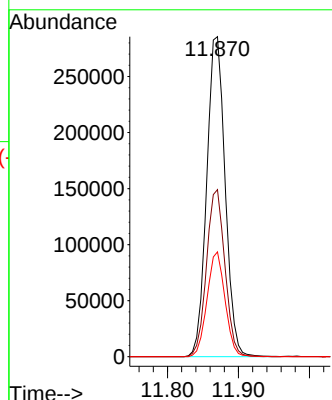
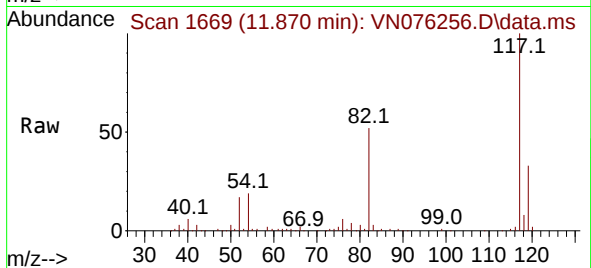
Tgt Ion:117 Resp: 516223

Ion Ratio Lower Upper

117 100

82 52.2 41.3 61.9

119 32.8 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: VN076256.D

Acq: 13 Jan 2023 18:15

Tgt Ion:152 Resp: 211011

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.4

150 156.2 0.0 347.0

