

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076482.D
 Acq On : 31 Jan 2023 12:59
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 01 00:48:30 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	481577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	783286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	703272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	302599	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	276172	51.217	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.440%
35) Dibromofluoromethane	8.177	113	239450	48.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	10.571	98	922156	50.961	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.853	95	326437	55.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.520%

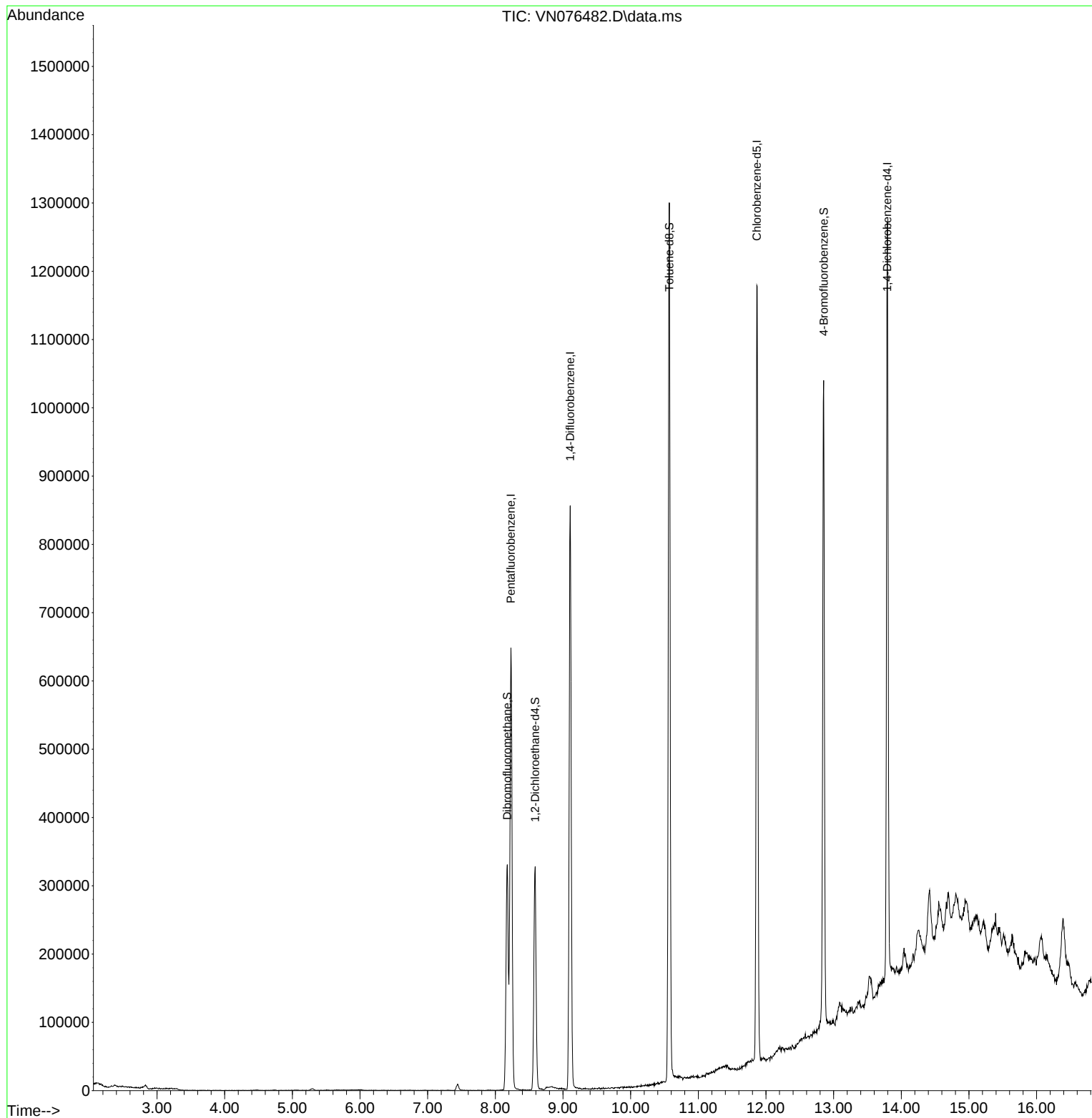
Target Compounds	Qvalue

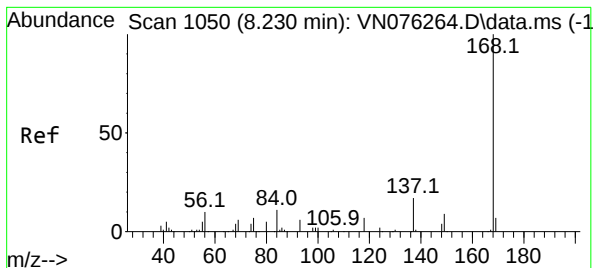
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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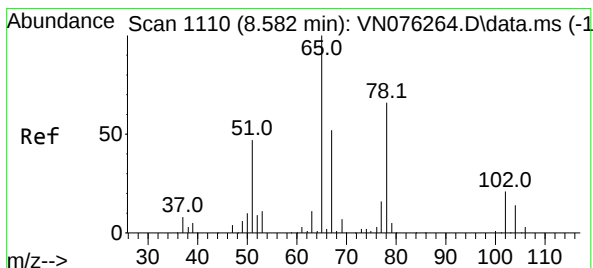
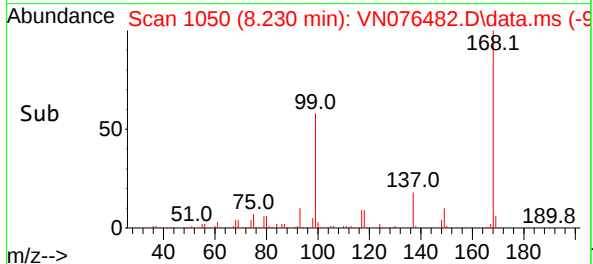
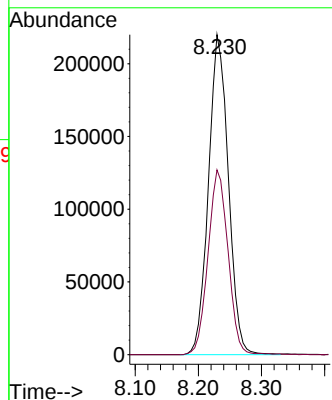
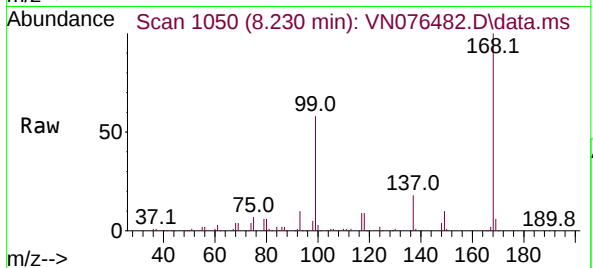




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

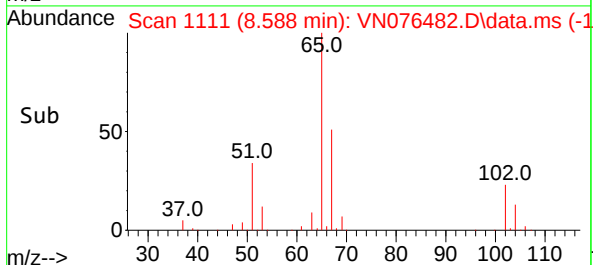
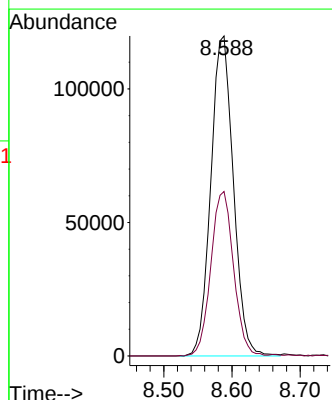
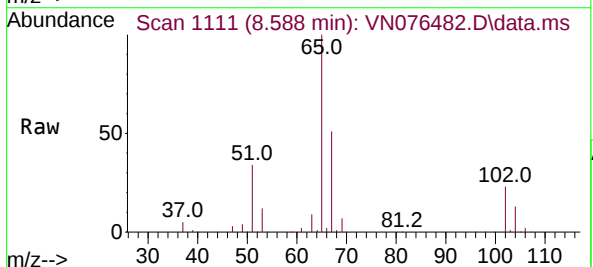
Instrument :
MSVOA_N
ClientSampleId :
IBLK

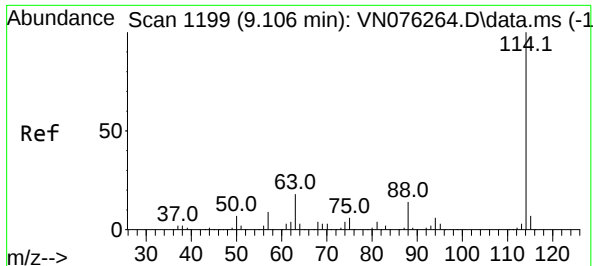
Tgt Ion:168 Resp: 481577
Ion Ratio Lower Upper
168 100
99 57.8 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 51.217 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

Tgt Ion: 65 Resp: 276172
Ion Ratio Lower Upper
65 100
67 51.7 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: VN076482.D

Acq: 31 Jan 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

IBLK

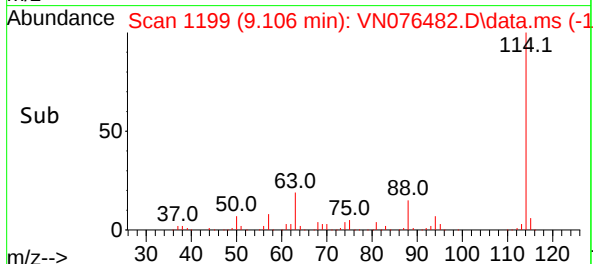
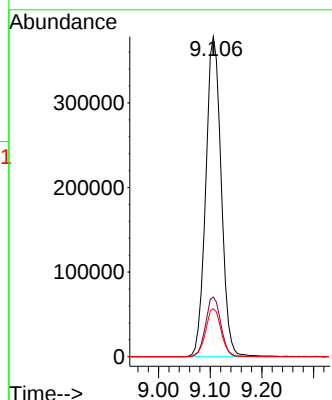
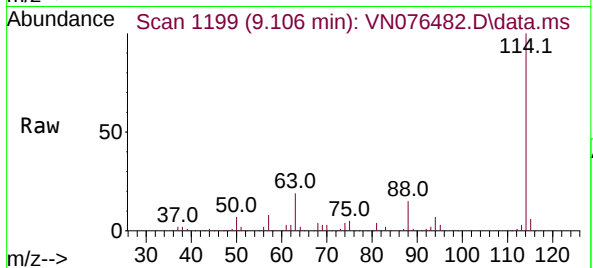
Tgt Ion:114 Resp: 783286

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.8

88 15.0 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.870 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076482.D

Acq: 31 Jan 2023 12:59

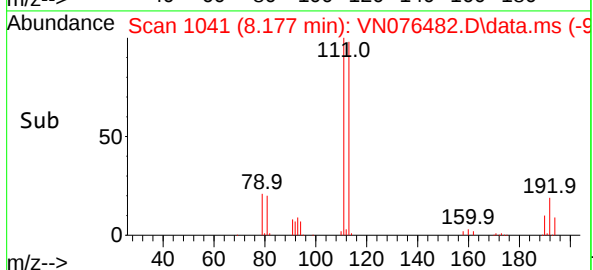
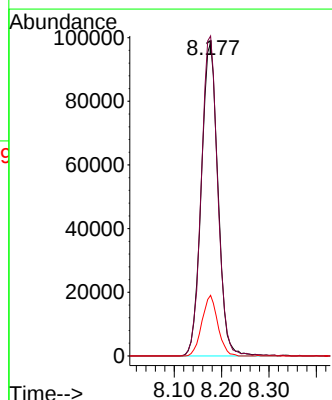
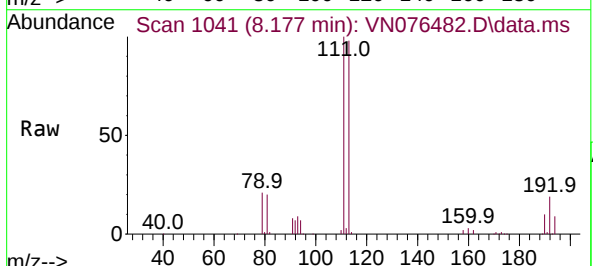
Tgt Ion:113 Resp: 239450

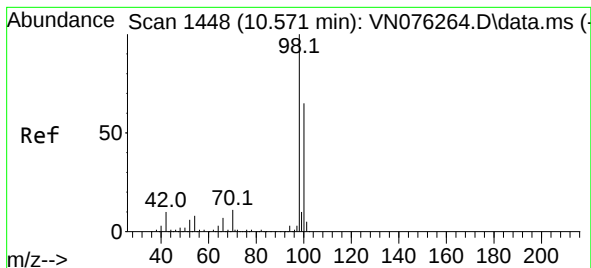
Ion Ratio Lower Upper

113 100

111 100.6 82.7 124.1

192 18.4 15.6 23.4





#50

Toluene-d8

Concen: 50.961 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076482.D

Acq: 31 Jan 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

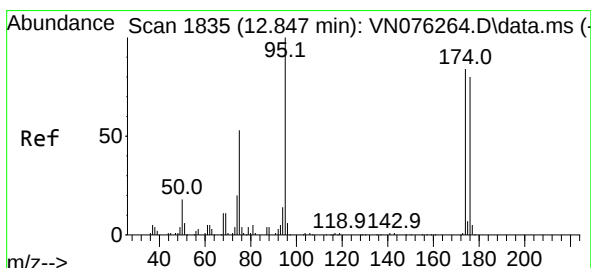
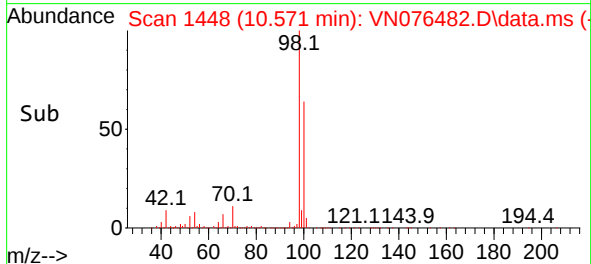
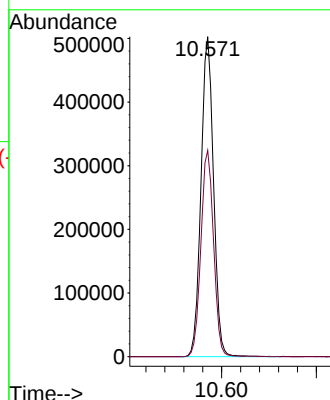
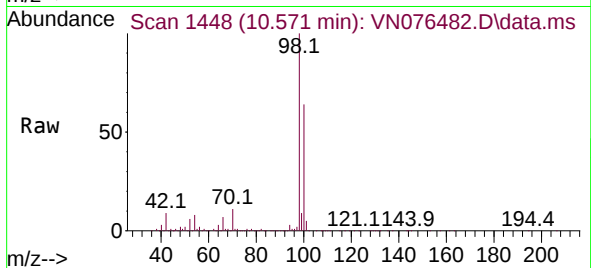
IBLK

Tgt Ion: 98 Resp: 922156

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 55.260 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076482.D

Acq: 31 Jan 2023 12:59

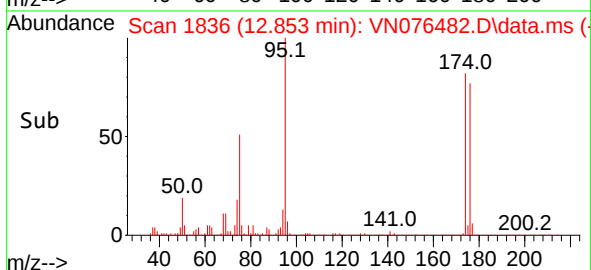
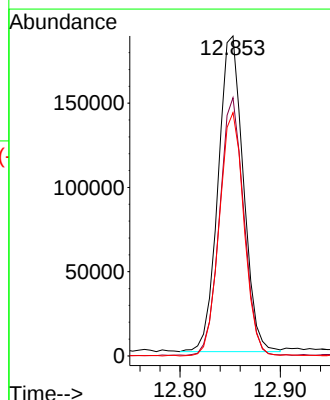
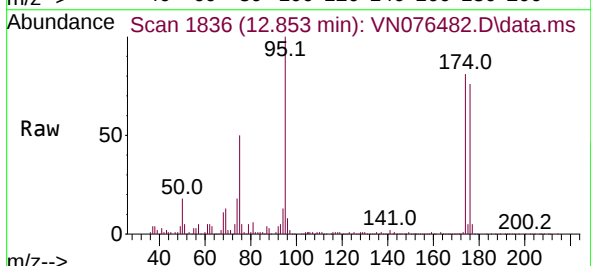
Tgt Ion: 95 Resp: 326437

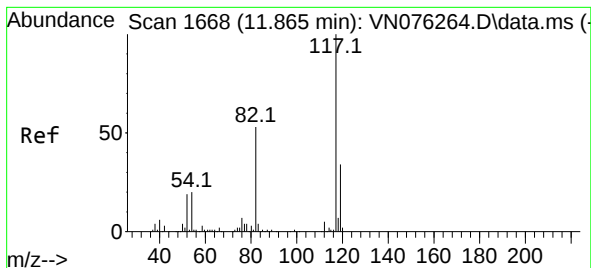
Ion Ratio Lower Upper

95 100

174 78.8 0.0 174.6

176 75.7 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: VN076482.D

Acq: 31 Jan 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

IBLK

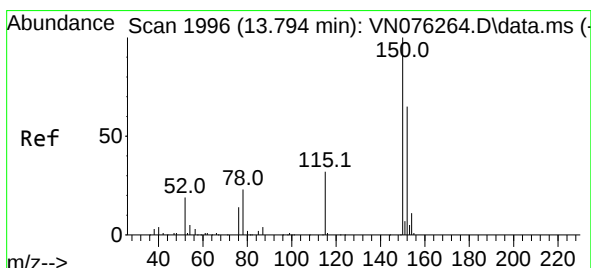
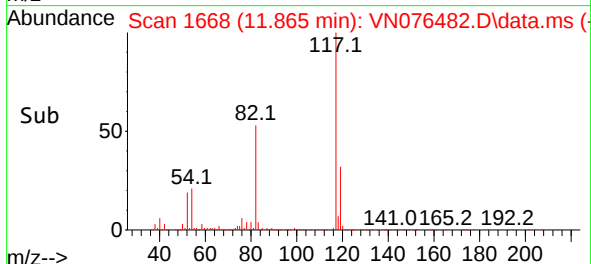
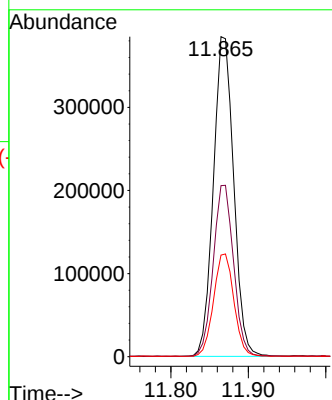
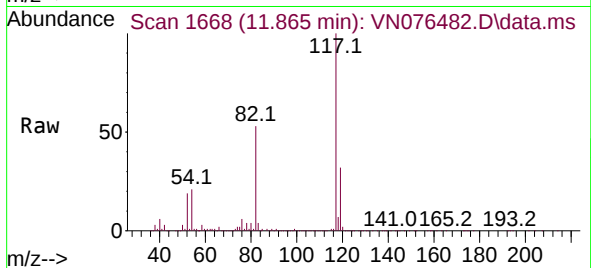
Tgt Ion:117 Resp: 703272

Ion Ratio Lower Upper

117 100

82 53.4 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: VN076482.D

Acq: 31 Jan 2023 12:59

Tgt Ion:152 Resp: 302599

Ion Ratio Lower Upper

152 100

115 59.8 29.6 88.9

150 158.1 0.0 351.4

