

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076214.D
 Acq On : 11 Jan 2023 17:35
 Operator : JC\MD
 Sample : 01125-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2023-1-11

Quant Time: Jan 12 00:39:05 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	8.230	168	367550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	580688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	511146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218908	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	187646	46.928	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.860%
35) Dibromofluoromethane	8.171	113	171736	47.756	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	10.571	98	666103	49.541	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.853	95	210694	47.312	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.620%

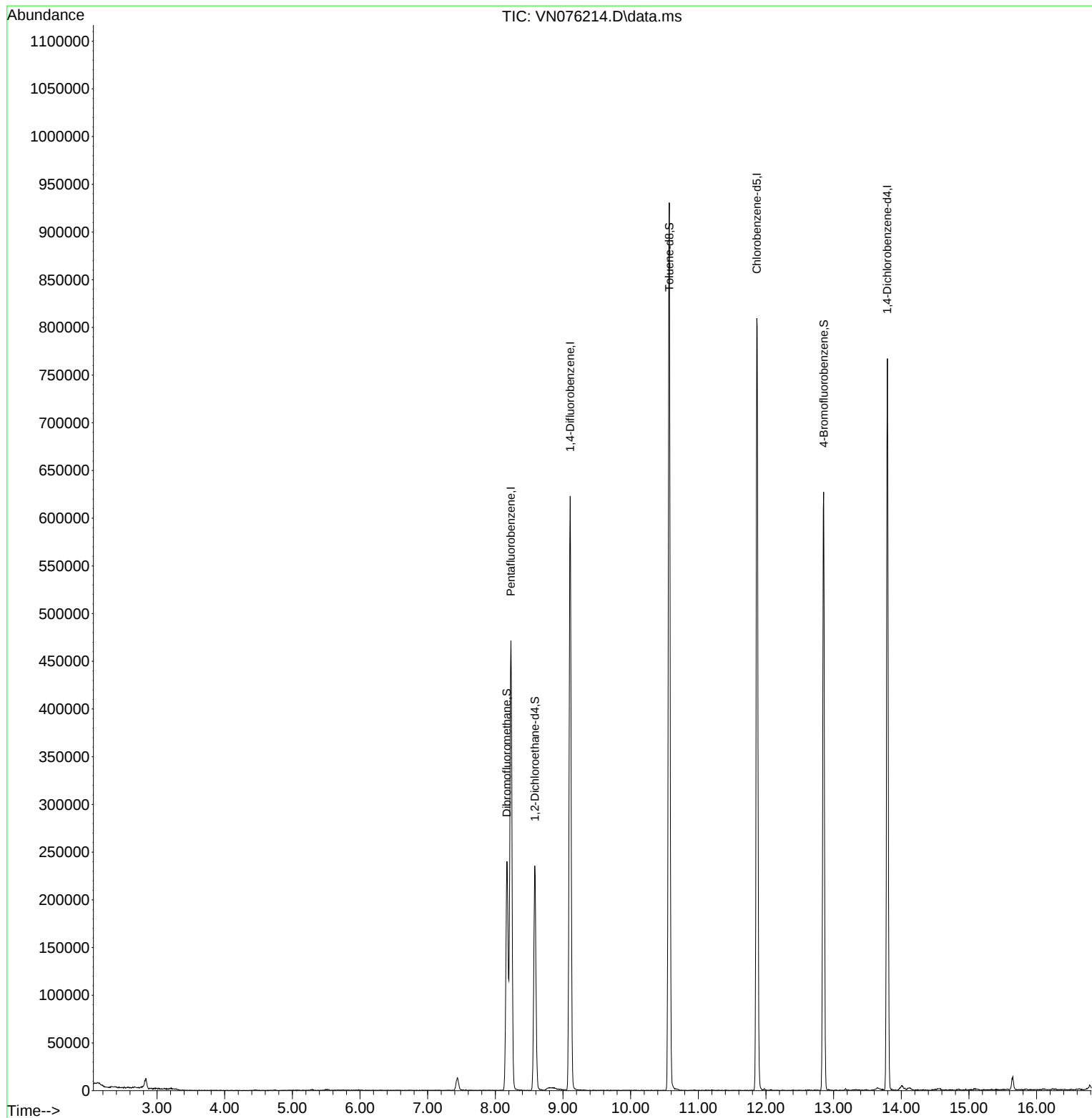
Target Compounds	Qvalue

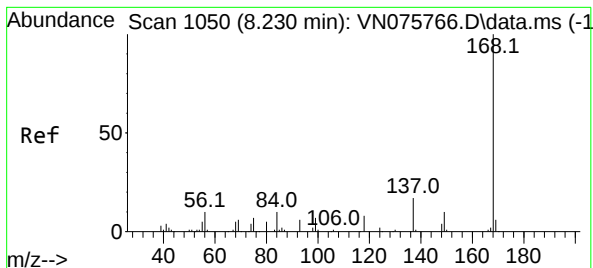
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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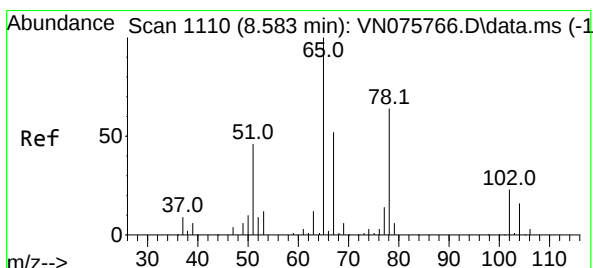
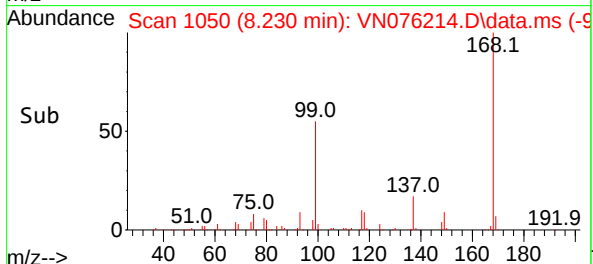
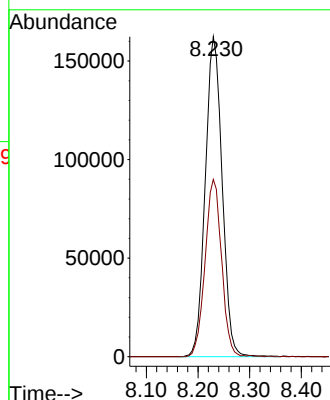
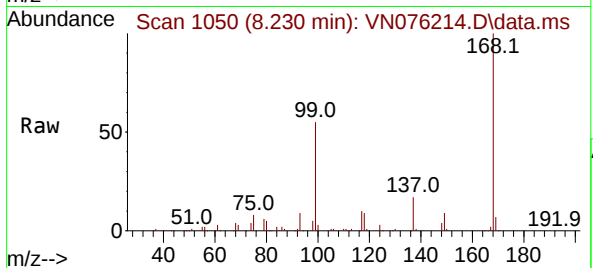




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

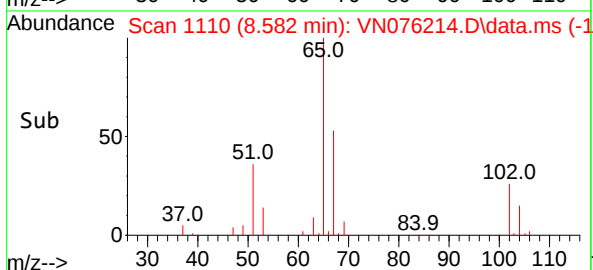
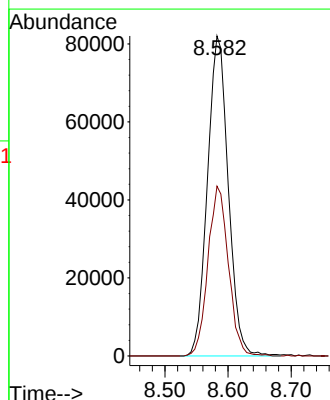
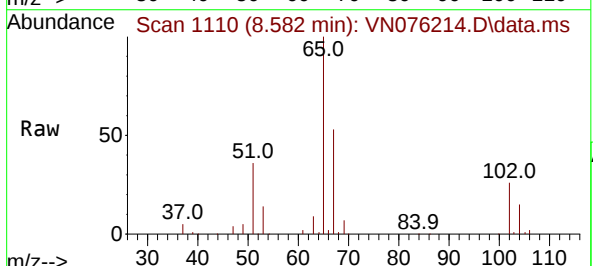
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-11

Tgt Ion:168 Resp: 367550
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.928 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

Tgt Ion: 65 Resp: 187646
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: VN076214.D

Acq: 11 Jan 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

EB-2023-1-11

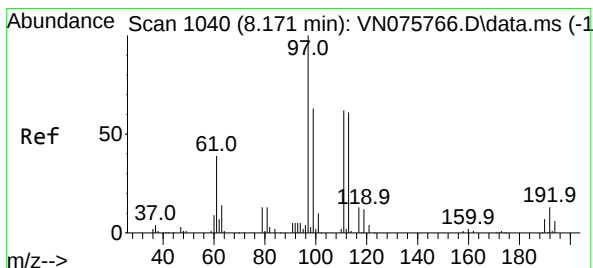
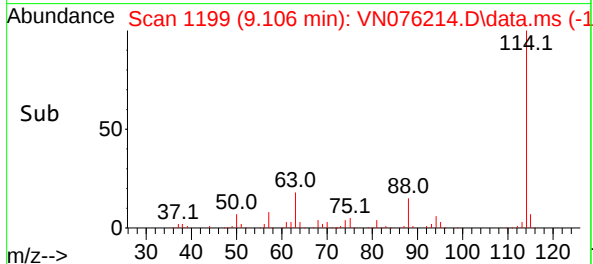
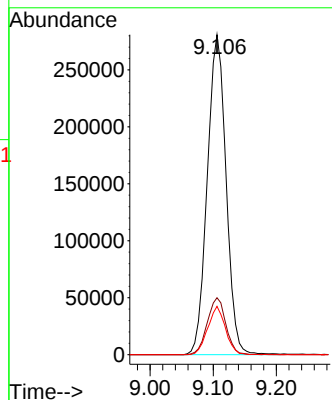
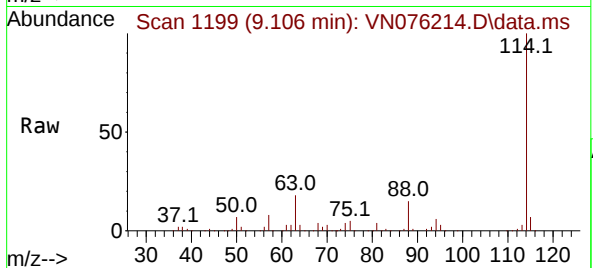
Tgt Ion:114 Resp: 580688

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.756 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076214.D

Acq: 11 Jan 2023 17:35

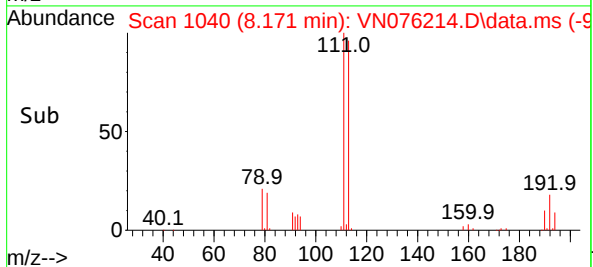
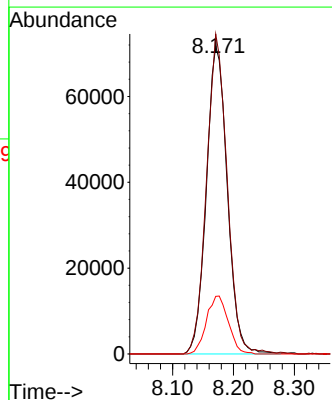
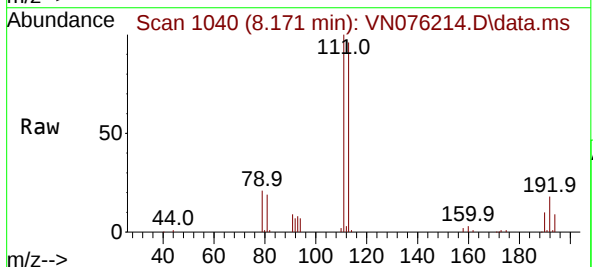
Tgt Ion:113 Resp: 171736

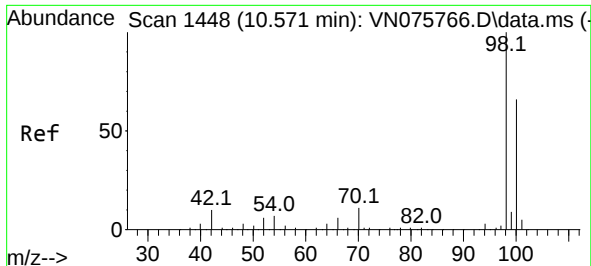
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 19.6 16.1 24.1

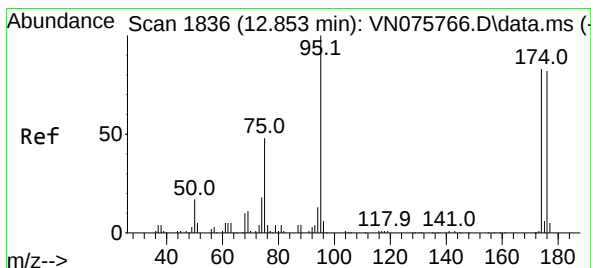
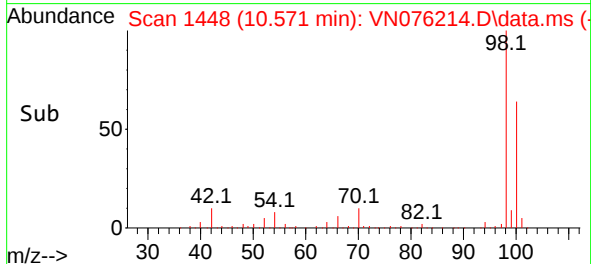
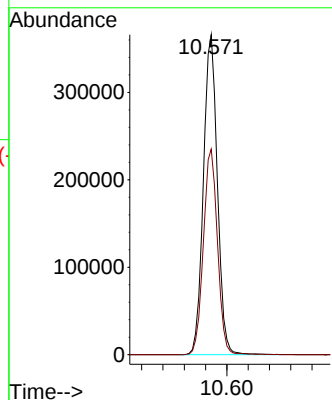
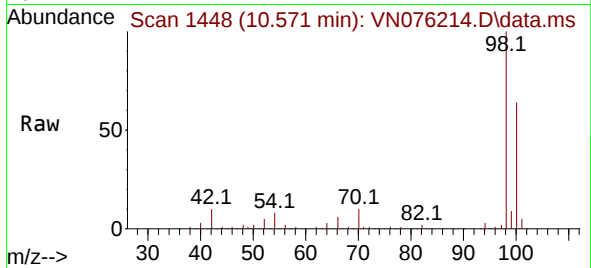




#50
Toluene-d8
Concen: 49.541 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

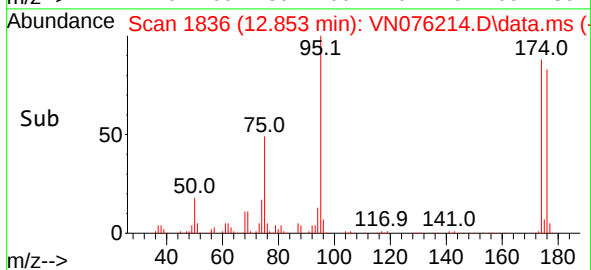
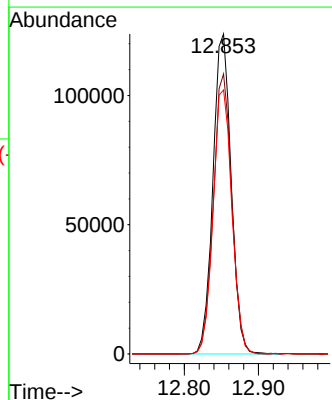
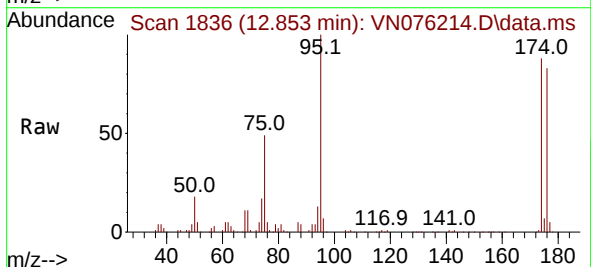
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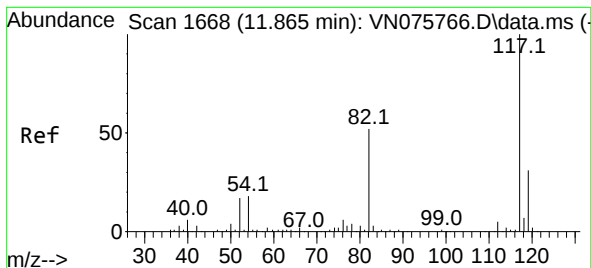
Tgt Ion: 98 Resp: 666103
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.312 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076214.D
Acq: 11 Jan 2023 17:35

Tgt Ion: 95 Resp: 210694
Ion Ratio Lower Upper
95 100
174 88.9 0.0 171.6
176 85.3 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076214.D

Acq: 11 Jan 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

EB-2023-1-11

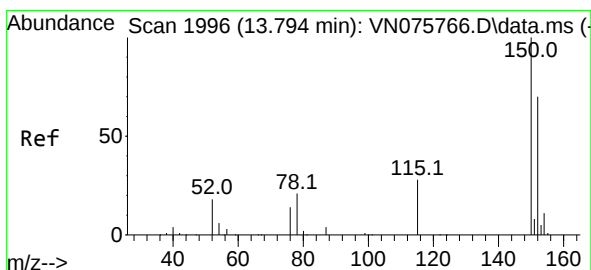
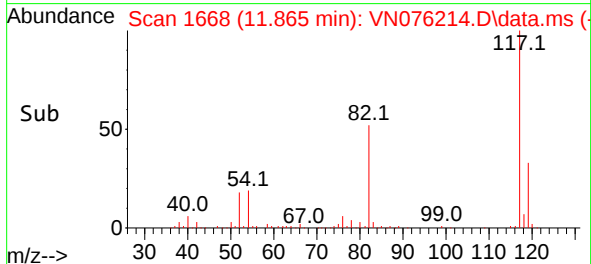
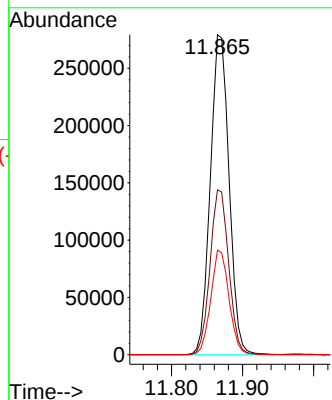
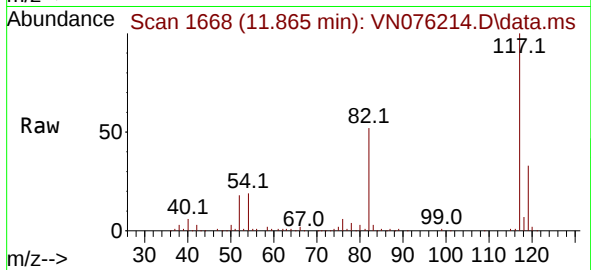
Tgt Ion:117 Resp: 511146

Ion Ratio Lower Upper

117 100

82 51.5 41.3 61.9

119 32.7 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: VN076214.D

Acq: 11 Jan 2023 17:35

Tgt Ion:152 Resp: 218908

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.4

150 156.7 0.0 347.0

