

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076215.D
 Acq On : 11 Jan 2023 17:59
 Operator : JC\MD
 Sample : 01125-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jan 12 00:39:31 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	400526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	627637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	546493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227321	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	205045	47.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.120%
35) Dibromofluoromethane	8.171	113	184793	47.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.080%
50) Toluene-d8	10.571	98	714491	49.165	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.853	95	225015	46.748	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.500%

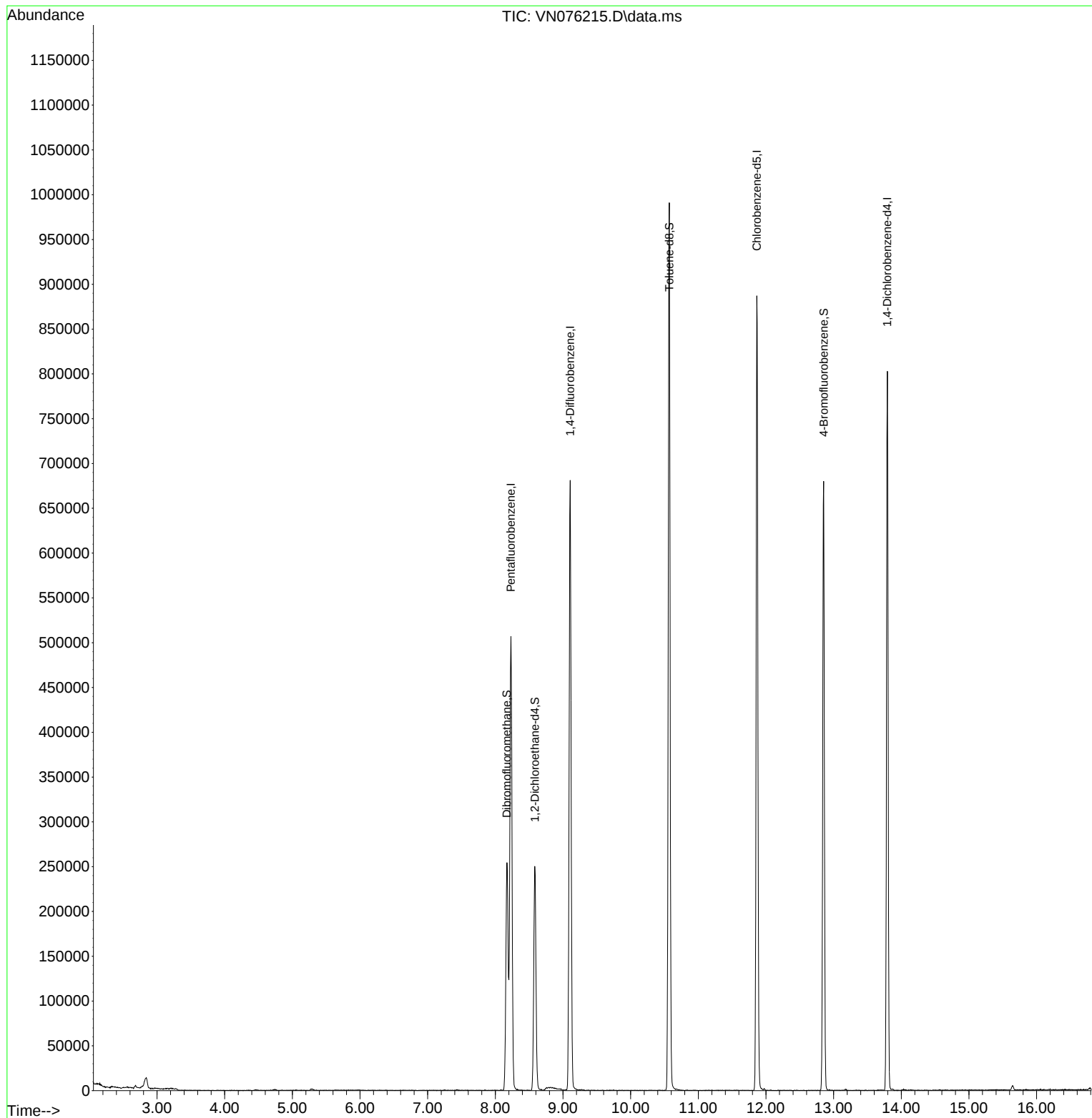
Target Compounds	Qvalue

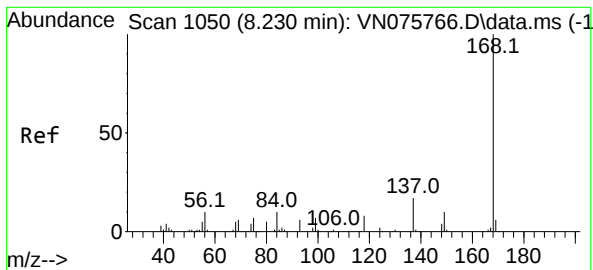
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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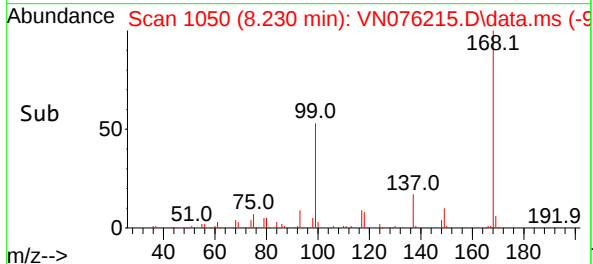
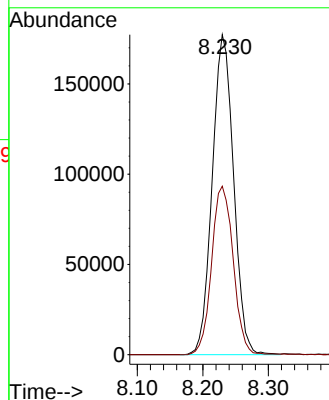
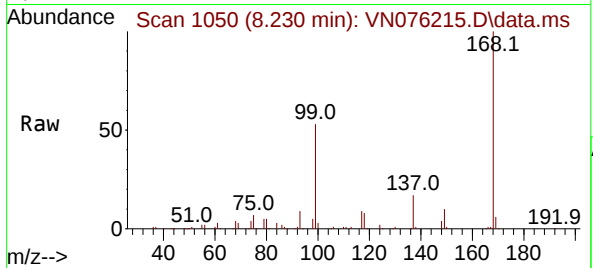




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076215.D
Acq: 11 Jan 2023 17:59

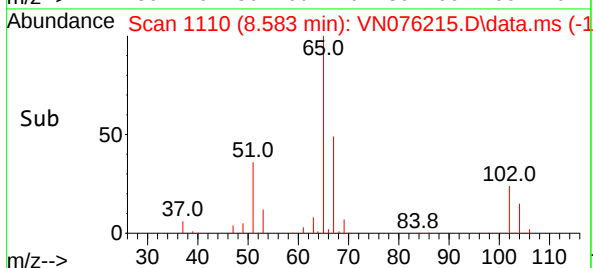
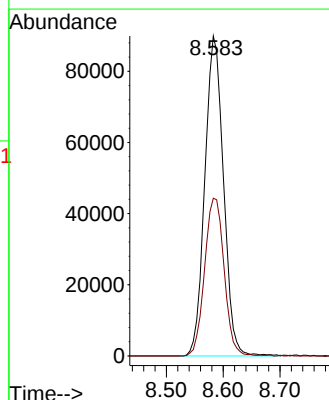
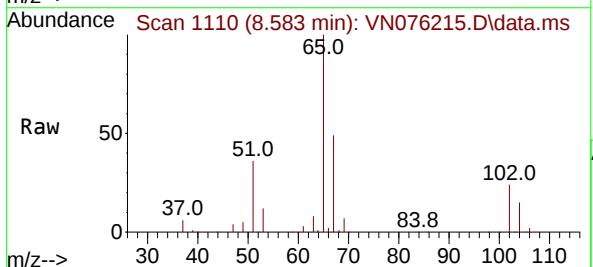
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-1-11

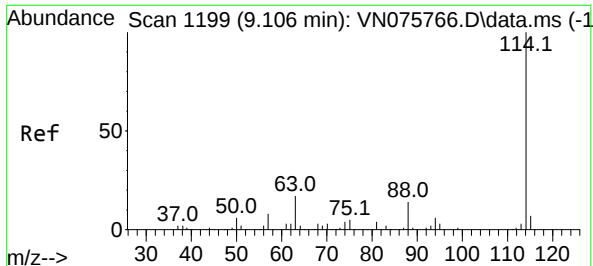
Tgt Ion:168 Resp: 400526
Ion Ratio Lower Upper
168 100
99 52.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.057 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076215.D
Acq: 11 Jan 2023 17:59

Tgt Ion: 65 Resp: 205045
Ion Ratio Lower Upper
65 100
67 51.5 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: VN076215.D

Acq: 11 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

TB-2023-1-11

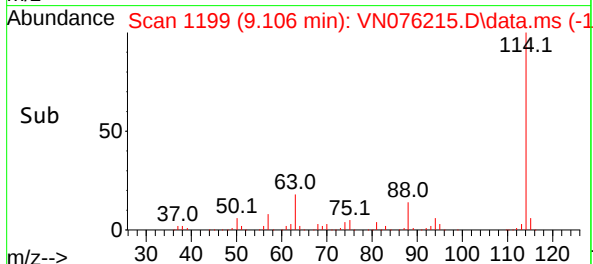
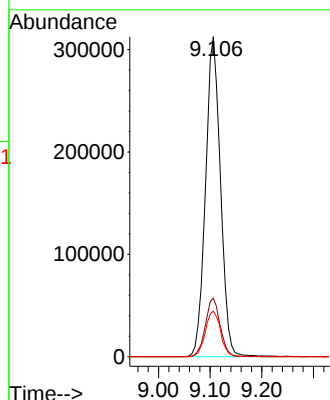
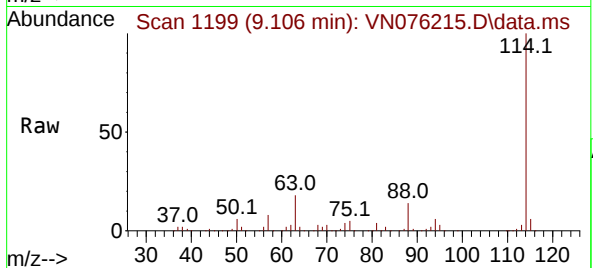
Tgt Ion:114 Resp: 627637

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

88 14.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.543 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076215.D

Acq: 11 Jan 2023 17:59

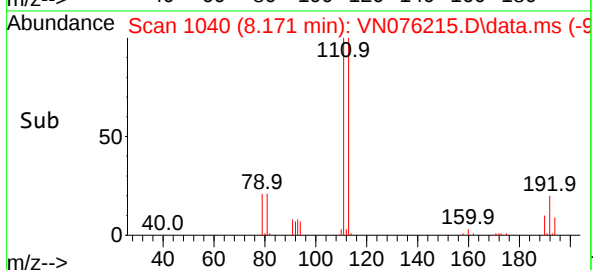
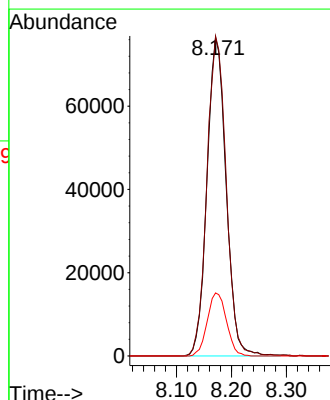
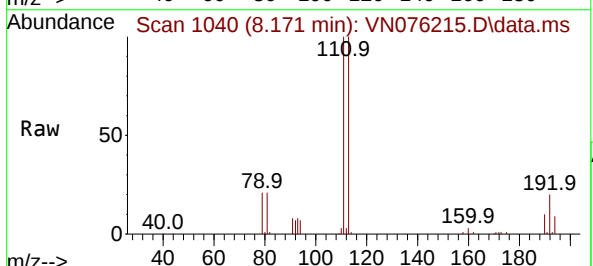
Tgt Ion:113 Resp: 184793

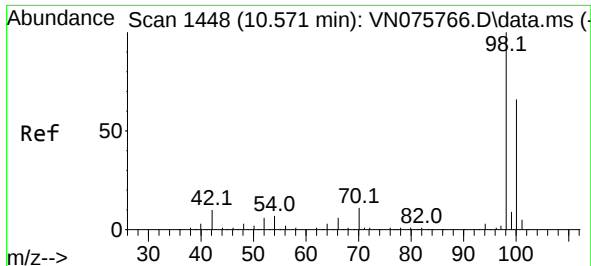
Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

192 19.8 16.1 24.1

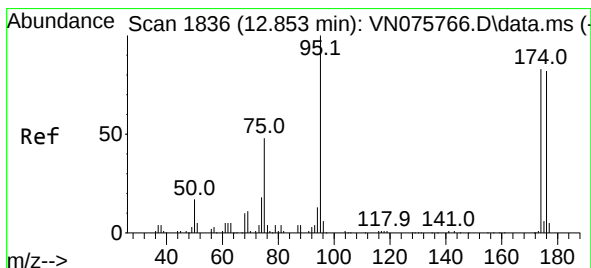
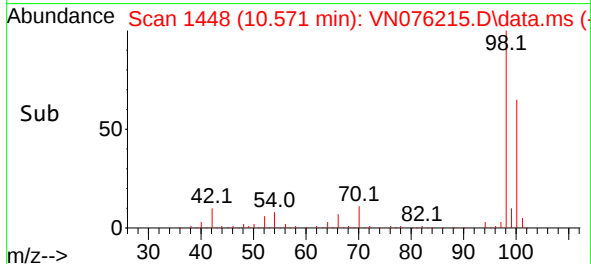
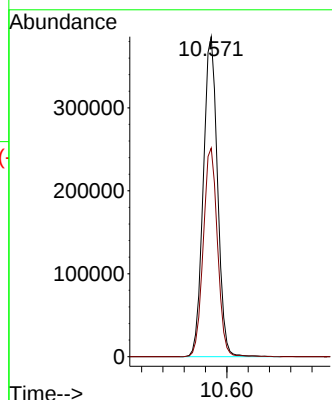
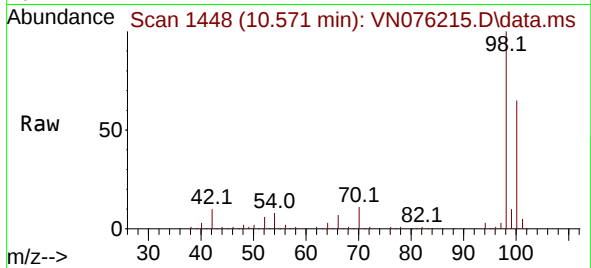




#50
Toluene-d8
Concen: 49.165 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076215.D
Acq: 11 Jan 2023 17:59

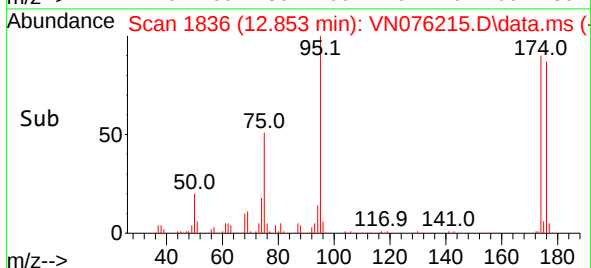
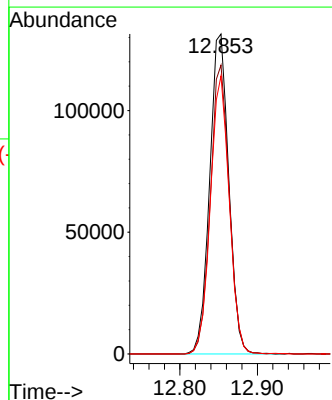
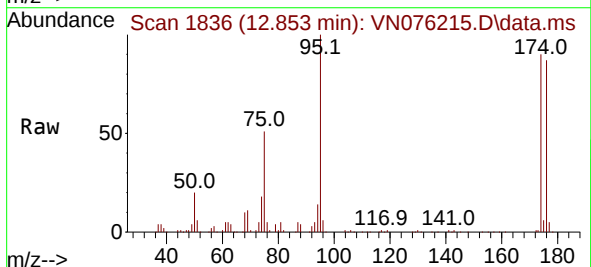
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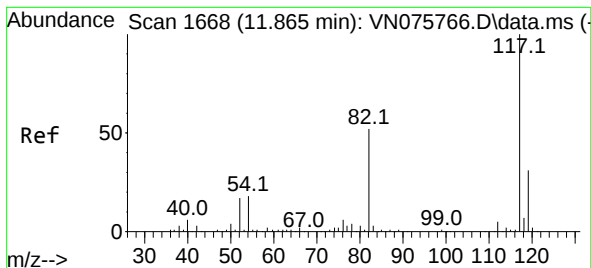
Tgt Ion: 98 Resp: 714491
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.748 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076215.D
Acq: 11 Jan 2023 17:59

Tgt Ion: 95 Resp: 225015
Ion Ratio Lower Upper
95 100
174 89.3 0.0 171.6
176 85.6 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: VN076215.D

Acq: 11 Jan 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

TB-2023-1-11

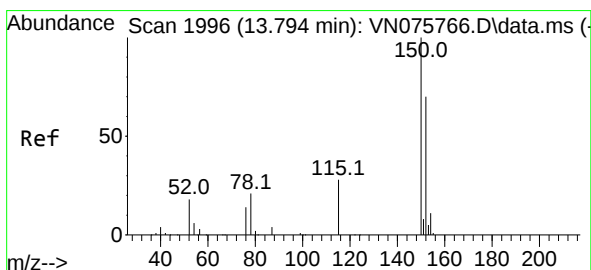
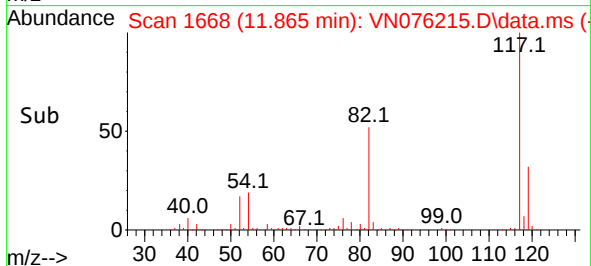
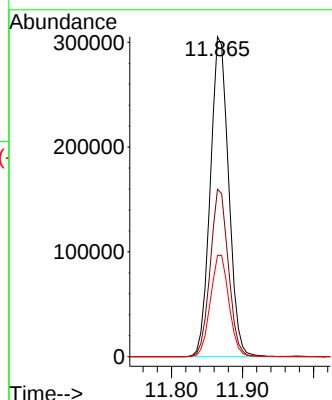
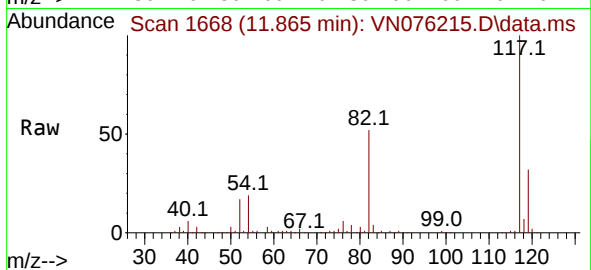
Tgt Ion:117 Resp: 546493

Ion Ratio Lower Upper

117 100

82 52.3 41.3 61.9

119 31.6 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: VN076215.D

Acq: 11 Jan 2023 17:59

Tgt Ion:152 Resp: 227321

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.4

150 159.7 0.0 347.0

