

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
 Data File : VN076059.D
 Acq On : 03 Jan 2023 13:26
 Operator : JC\MD
 Sample : VN0103WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBL01

Quant Time: Jan 04 04:16:11 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	341489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	538675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	467270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200298	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	175797	47.320	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.640%
35) Dibromofluoromethane	8.177	113	161224	48.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.660%
50) Toluene-d8	10.571	98	612653	49.120	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.240%
62) 4-Bromofluorobenzene	12.853	95	190972	46.228	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.460%

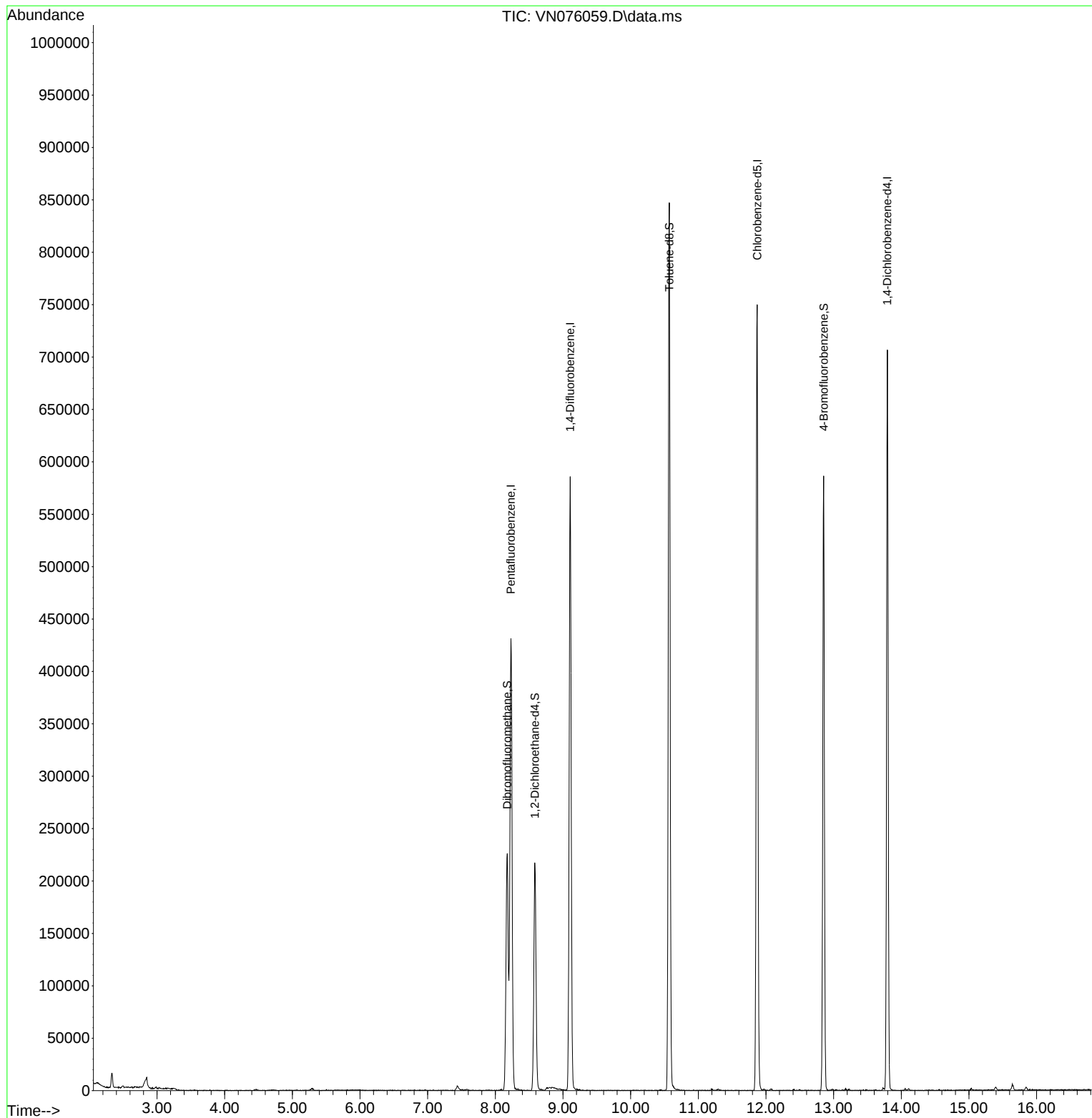
Target Compounds	Qvalue

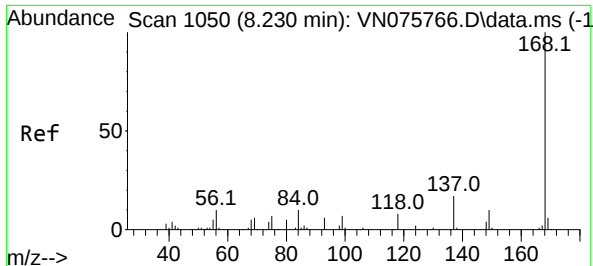
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 14 13:03:41 2022
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN076059.D

Acq: 03 Jan 2023 13:26

Instrument :

MSVOA_N

ClientSampleId :

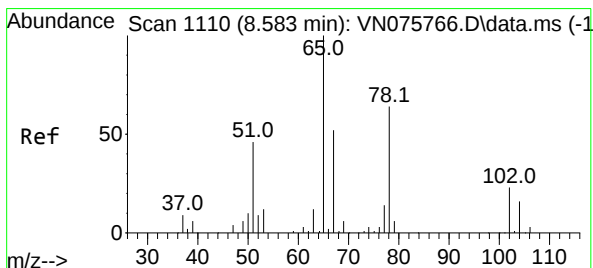
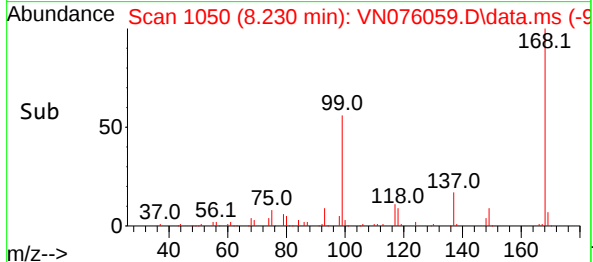
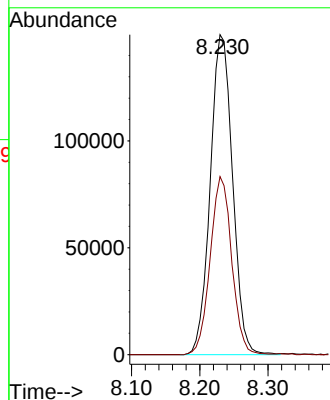
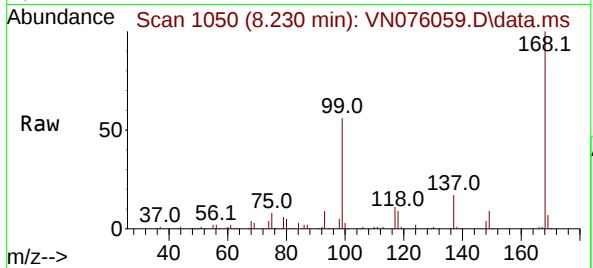
VN0103WBL01

Tgt Ion:168 Resp: 341489

Ion Ratio Lower Upper

168 100

99 55.7 44.2 66.4



#33

1,2-Dichloroethane-d4

Concen: 47.320 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076059.D

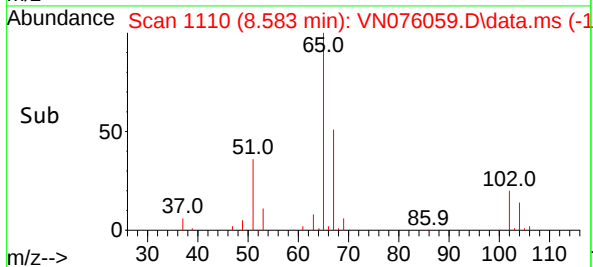
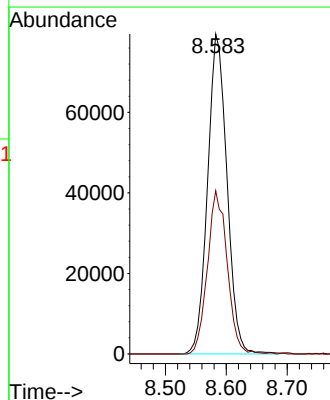
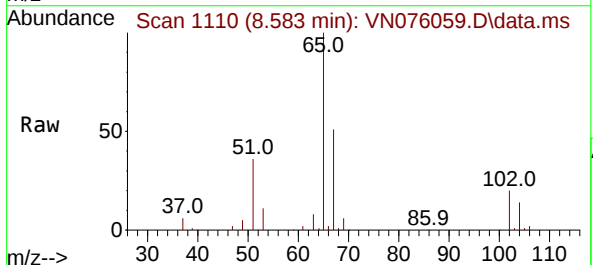
Acq: 03 Jan 2023 13:26

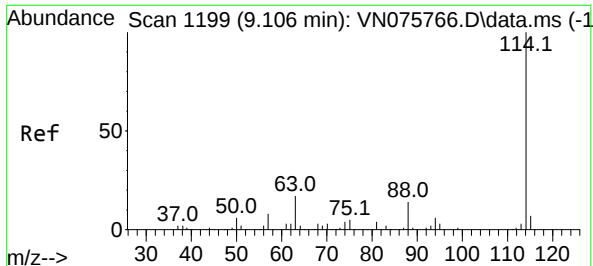
Tgt Ion: 65 Resp: 175797

Ion Ratio Lower Upper

65 100

67 51.9 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: VN076059.D

Acq: 03 Jan 2023 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0103WBL01

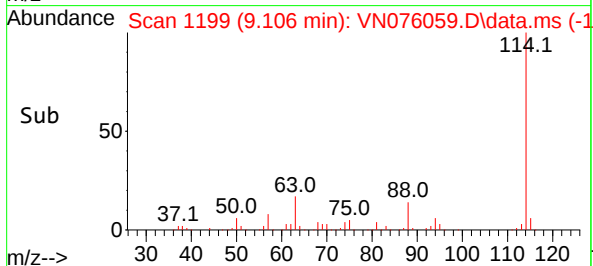
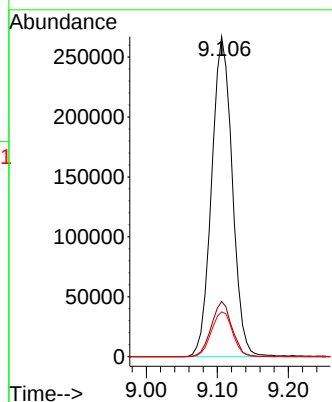
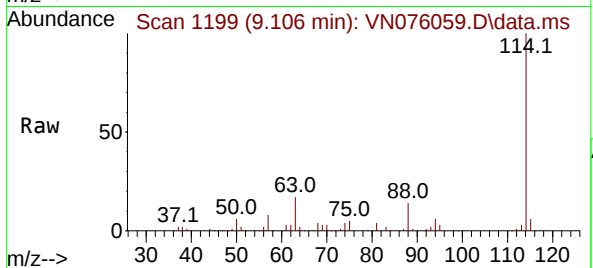
Tgt Ion:114 Resp: 538675

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 14.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.329 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076059.D

Acq: 03 Jan 2023 13:26

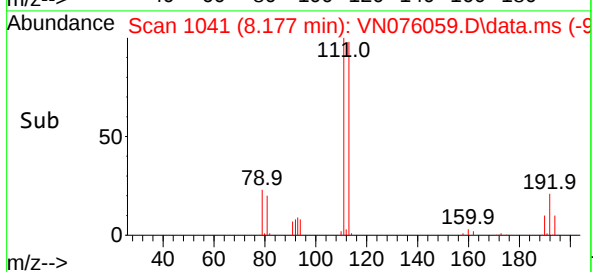
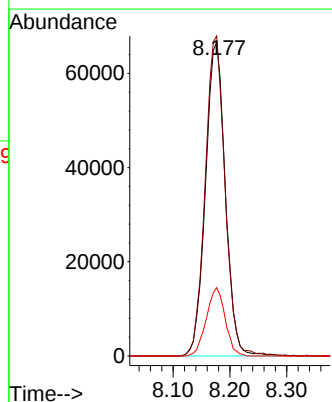
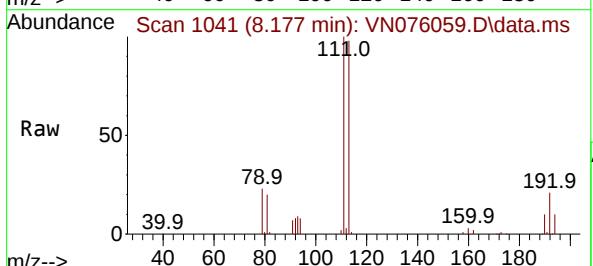
Tgt Ion:113 Resp: 161224

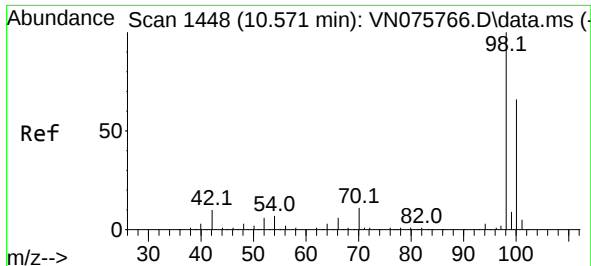
Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

192 20.7 16.1 24.1

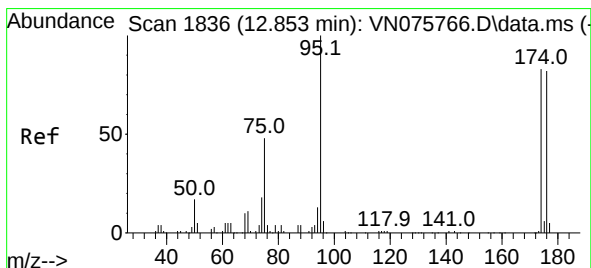
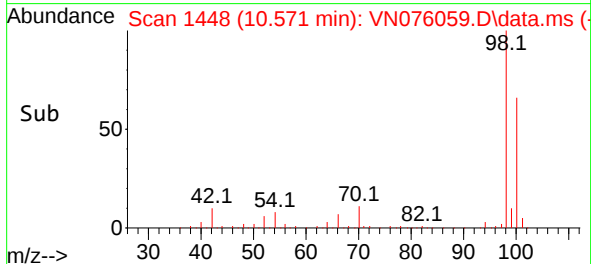
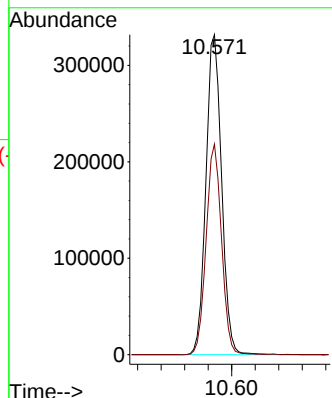
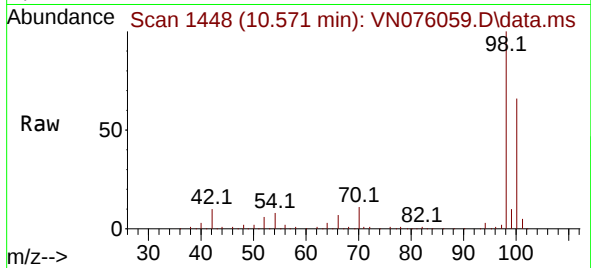




#50
Toluene-d8
Concen: 49.120 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076059.D
Acq: 03 Jan 2023 13:26

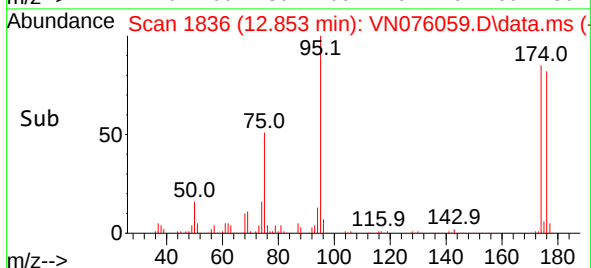
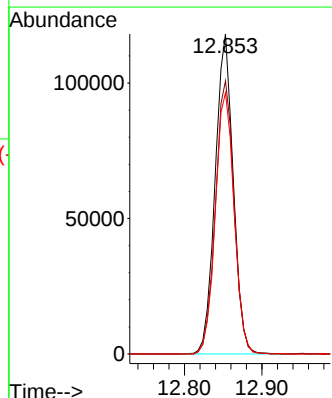
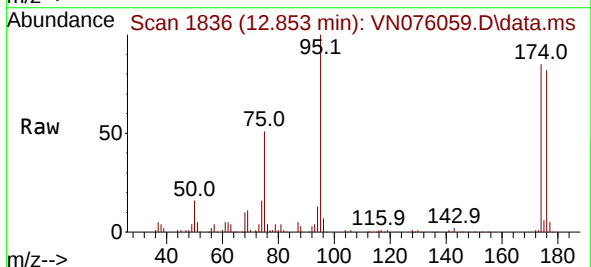
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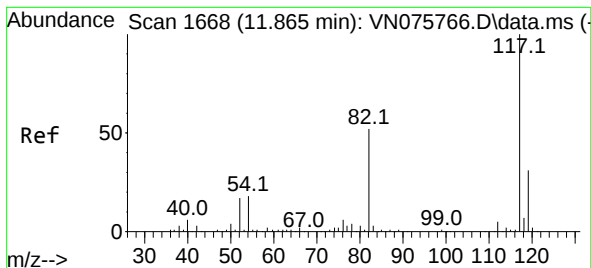
Tgt Ion: 98 Resp: 612653
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.228 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076059.D
Acq: 03 Jan 2023 13:26

Tgt Ion: 95 Resp: 190972
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 84.6 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076059.D

Acq: 03 Jan 2023 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0103WBL01

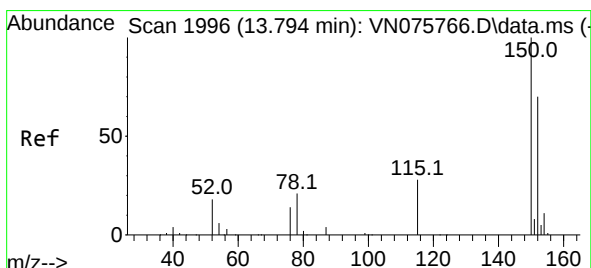
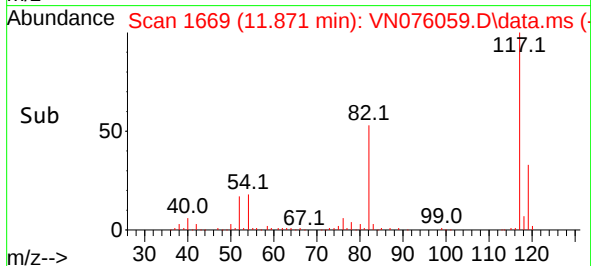
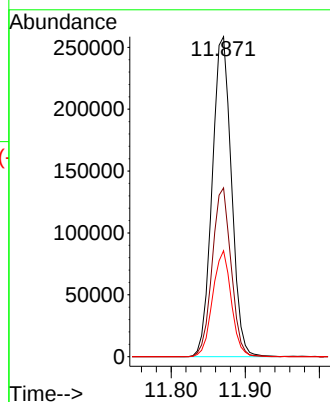
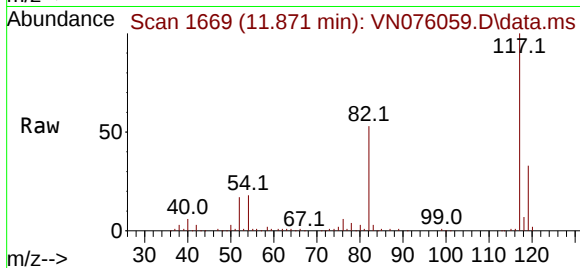
Tgt Ion:117 Resp: 467270

Ion Ratio Lower Upper

117 100

82 52.7 41.3 61.9

119 33.1 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: VN076059.D

Acq: 03 Jan 2023 13:26

Tgt Ion:152 Resp: 200298

Ion Ratio Lower Upper

152 100

115 55.2 29.1 87.4

150 154.5 0.0 347.0

