

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078101.D
 Acq On : 07 Jun 2023 14:16
 Operator : JC\MD
 Sample : 03037-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Jun 08 05:28:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	361392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	671537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	590929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	177716	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	245493	50.948	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.900%
35) Dibromofluoromethane	8.177	113	220333	51.891	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.780%
50) Toluene-d8	10.576	98	813334	49.688	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.853	95	232994	45.787	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.580%

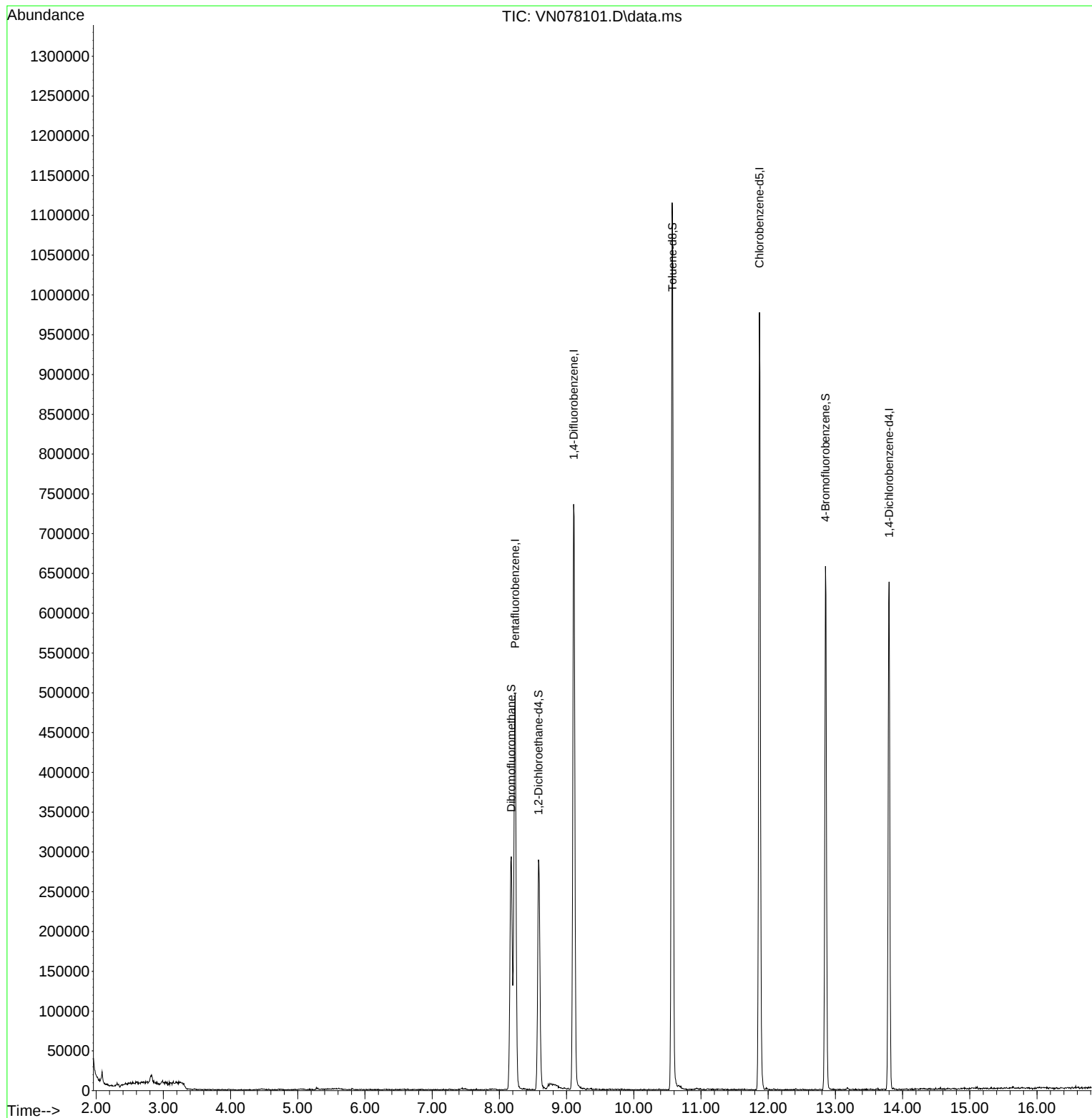
Target Compounds	Qvalue

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

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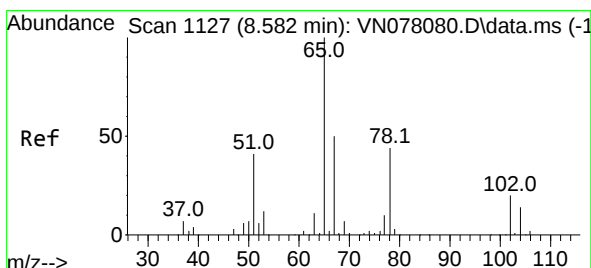
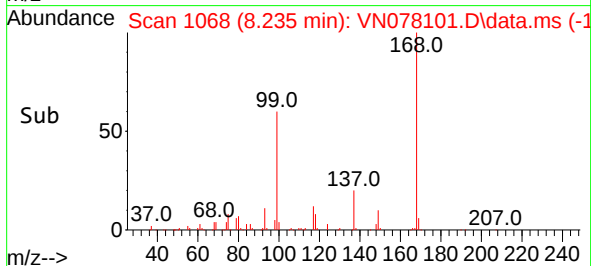
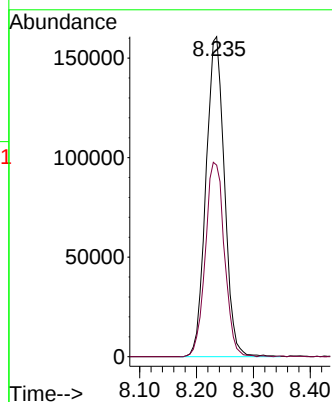
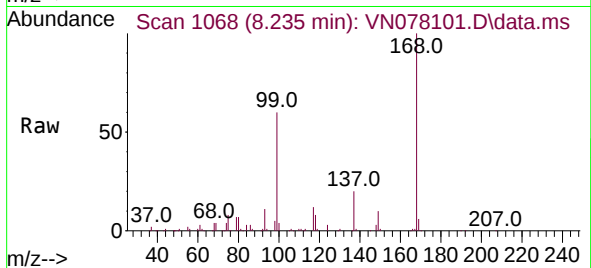




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078101.D
Acq: 07 Jun 2023 14:16

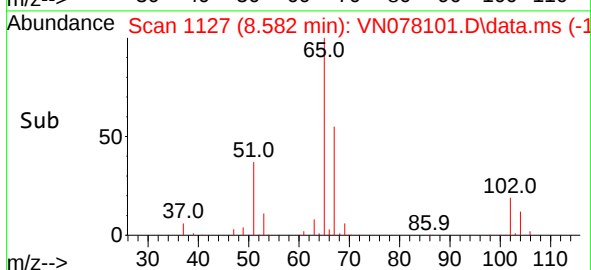
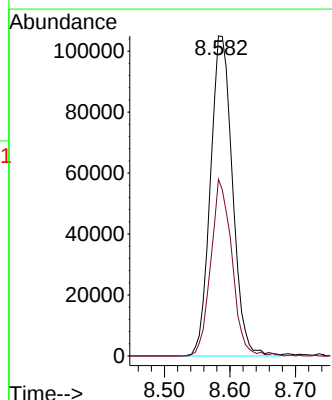
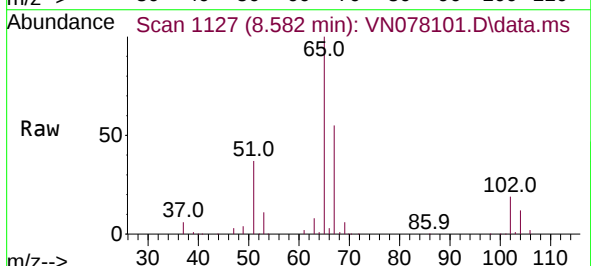
Instrument :
MSVOA_N
ClientSampleId :
MW-3

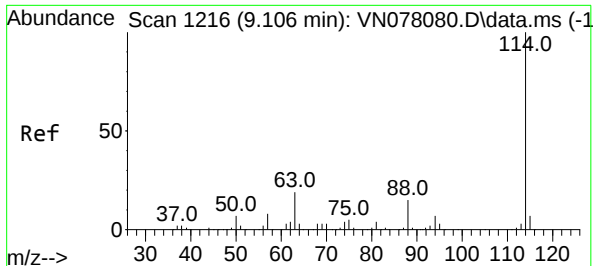
Tgt Ion:168 Resp: 361392
Ion Ratio Lower Upper
168 100
99 59.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.948 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078101.D
Acq: 07 Jun 2023 14:16

Tgt Ion: 65 Resp: 245493
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078101.D

Acq: 07 Jun 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

MW-3

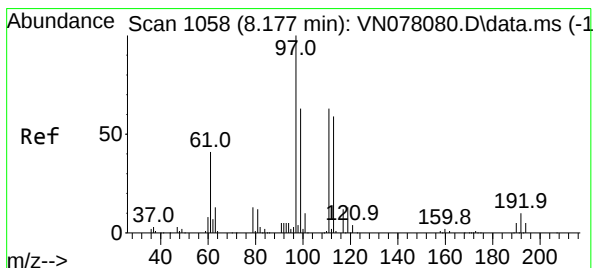
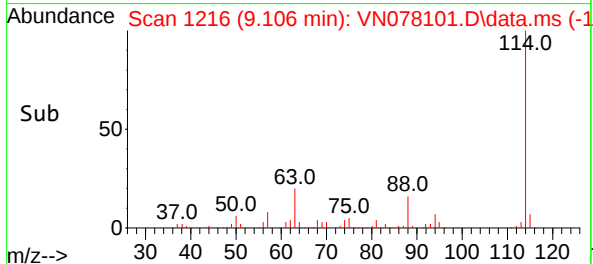
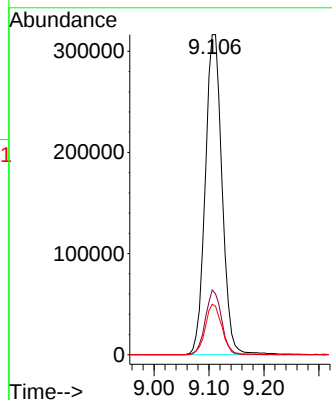
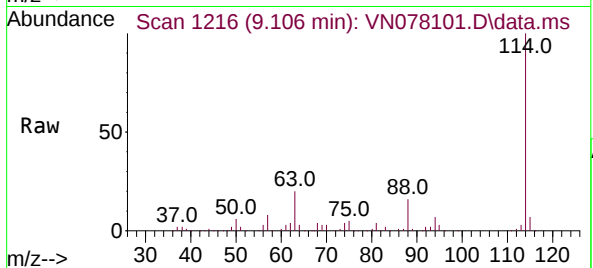
Tgt Ion:114 Resp: 671537

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.891 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078101.D

Acq: 07 Jun 2023 14:16

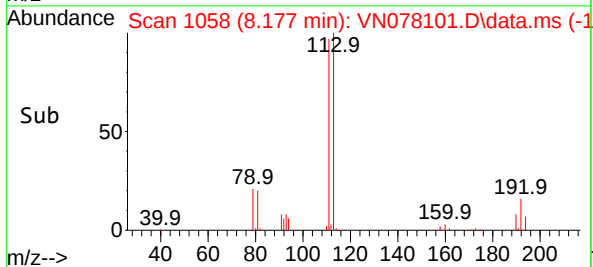
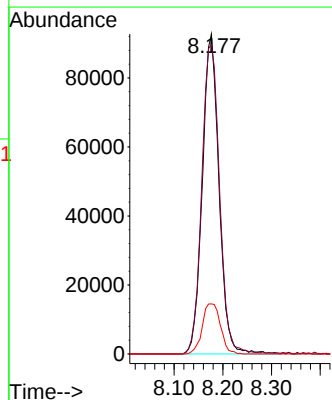
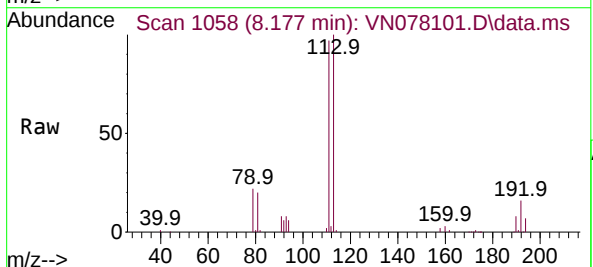
Tgt Ion:113 Resp: 220333

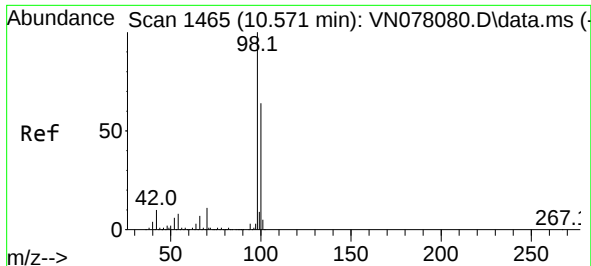
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 17.1 12.7 19.1

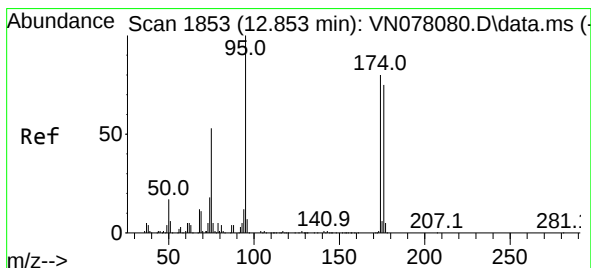
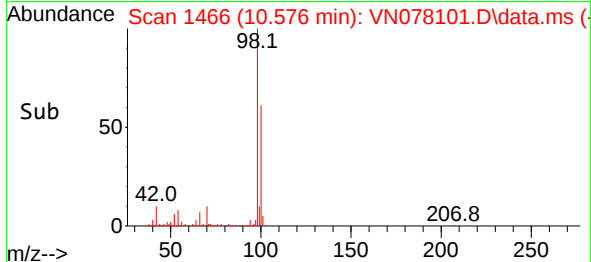
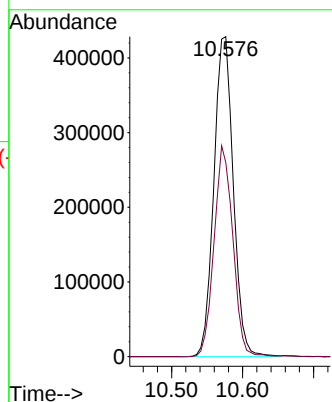
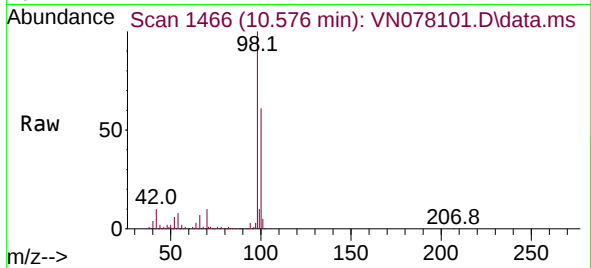




#50
Toluene-d8
Concen: 49.688 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078101.D
Acq: 07 Jun 2023 14:16

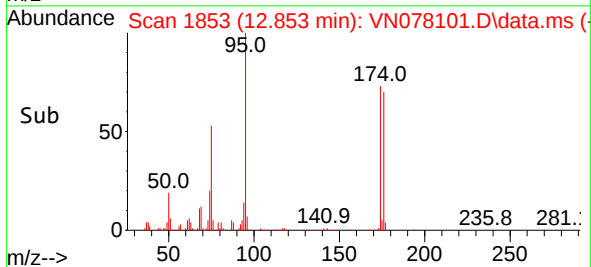
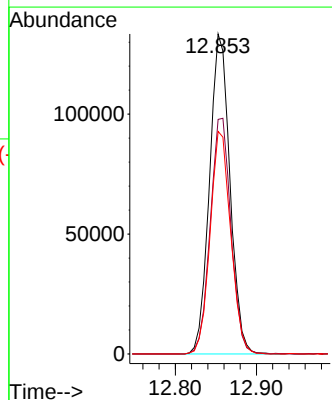
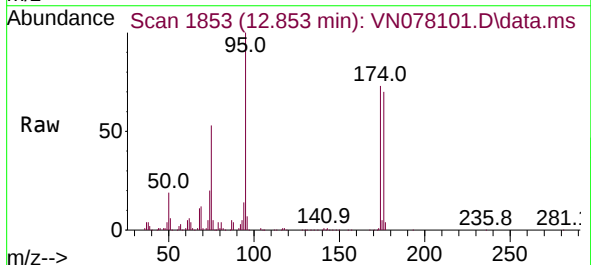
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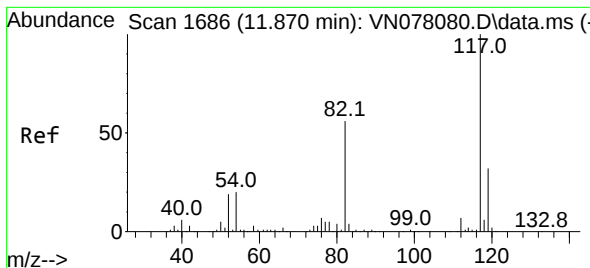
Tgt Ion: 98 Resp: 813334
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.787 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078101.D
Acq: 07 Jun 2023 14:16

Tgt Ion: 95 Resp: 232994
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 70.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078101.D

Acq: 07 Jun 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

MW-3

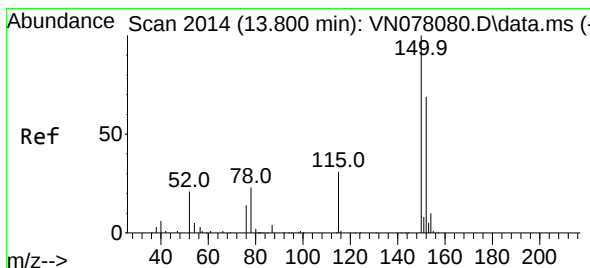
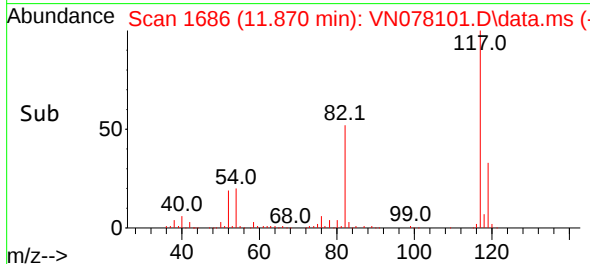
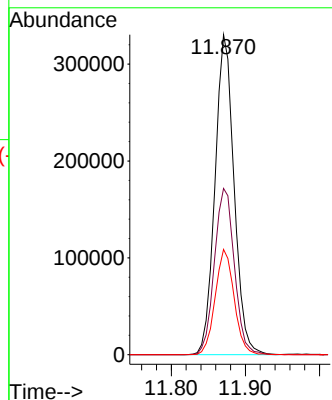
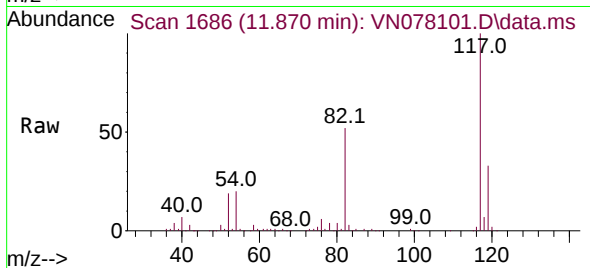
Tgt Ion:117 Resp: 590929

Ion Ratio Lower Upper

117 100

82 52.0 44.0 66.0

119 32.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078101.D

Acq: 07 Jun 2023 14:16

Tgt Ion:152 Resp: 177716

Ion Ratio Lower Upper

152 100

115 60.6 32.3 96.8

150 152.2 0.0 355.8

