

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062023\
 Data File : VN078306.D
 Acq On : 20 Jun 2023 13:48
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 21 05:46:13 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	8.236	168	330049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	612335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	537324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	146350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	235711	53.564	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.120%
35) Dibromofluoromethane	8.177	113	209842	54.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.400%
50) Toluene-d8	10.571	98	752781	50.435	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.853	95	204369	44.044	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.080%

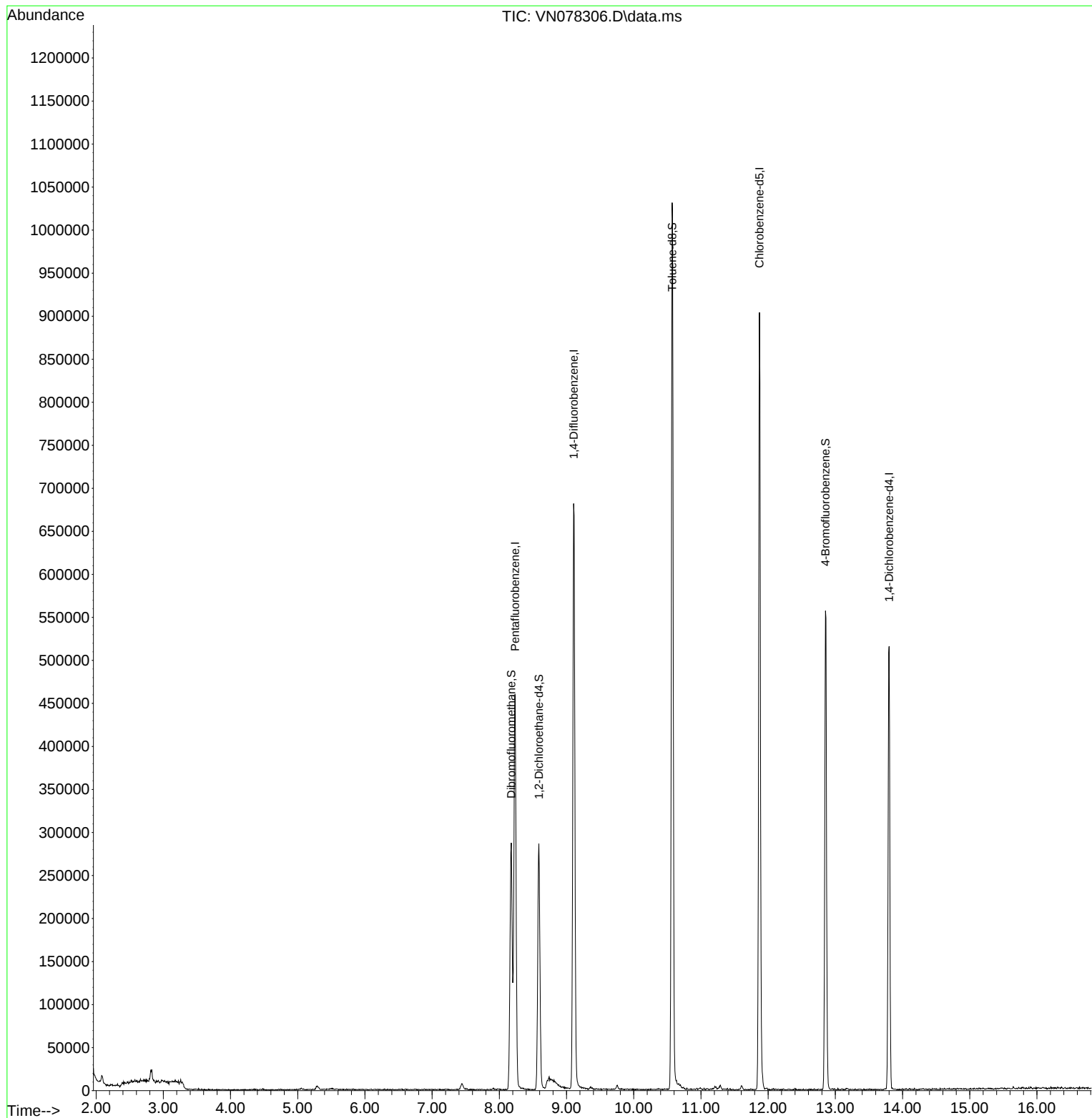
Target Compounds	Qvalue

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

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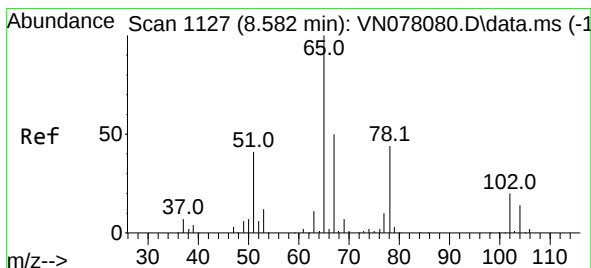
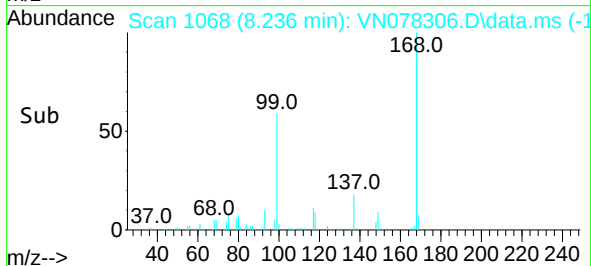
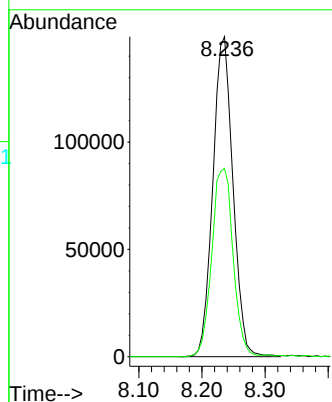
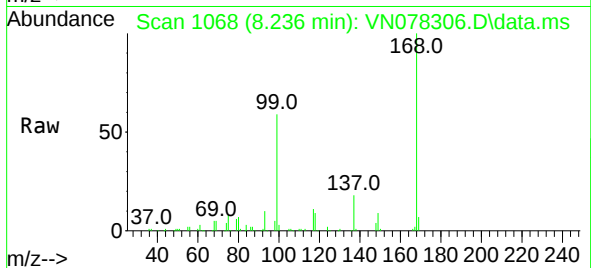




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1107
Delta R.T. 0.001 min
Lab File: VN078306.D
Acq: 20 Jun 2023 13:48

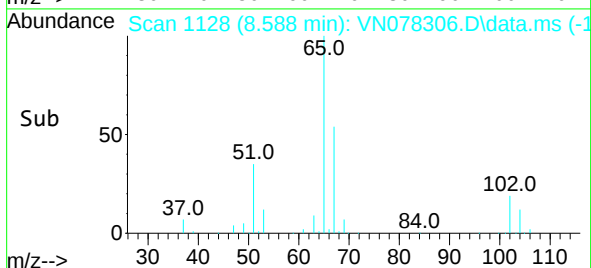
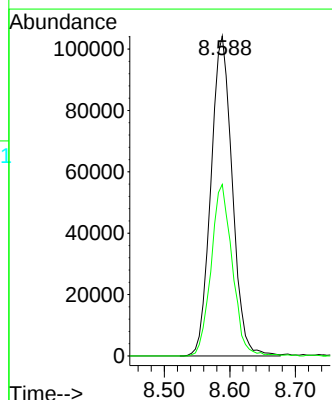
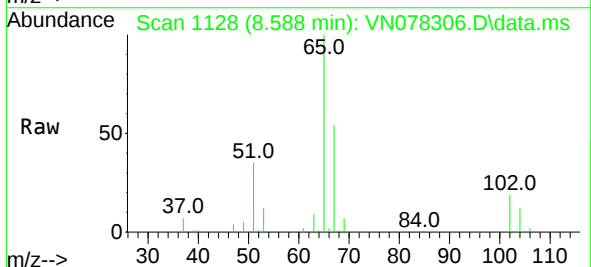
Instrument :
MSVOA_N
ClientSampleId :
IBLK

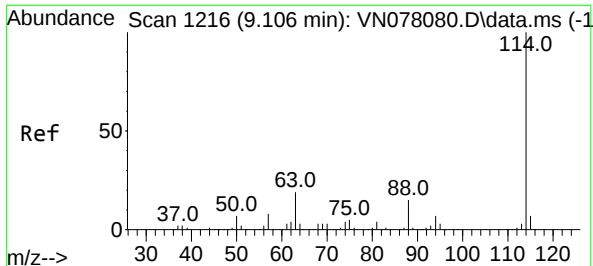
Tgt Ion:168 Resp: 330049
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.564 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078306.D
Acq: 20 Jun 2023 13:48

Tgt Ion: 65 Resp: 235711
Ion Ratio Lower Upper
65 100
67 53.2 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: VN078306.D

Acq: 20 Jun 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

IBLK

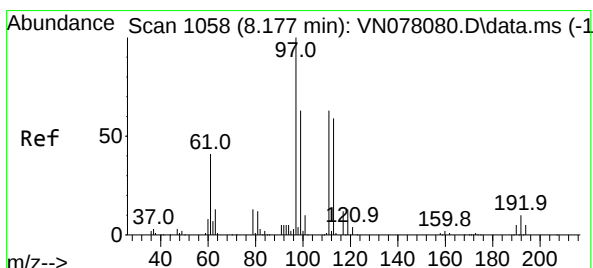
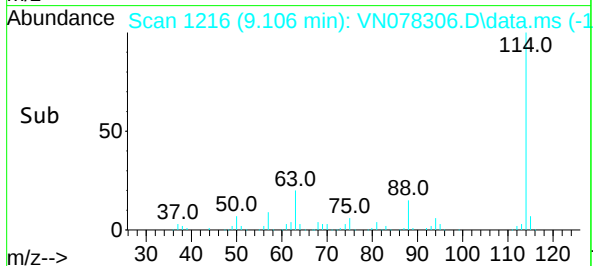
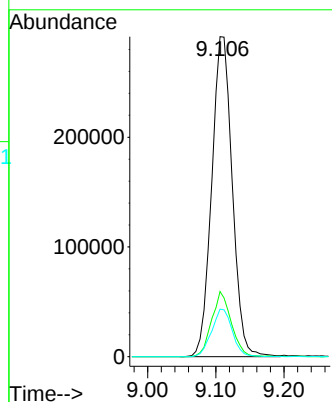
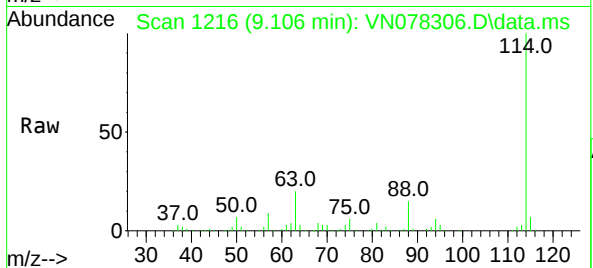
Tgt Ion:114 Resp: 612335

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.199 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078306.D

Acq: 20 Jun 2023 13:48

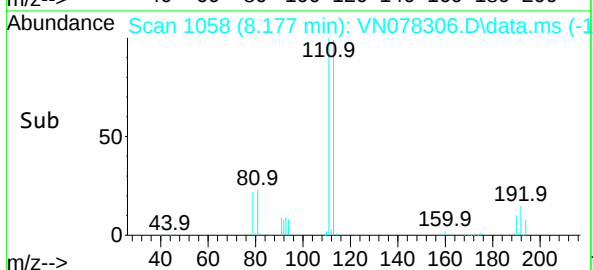
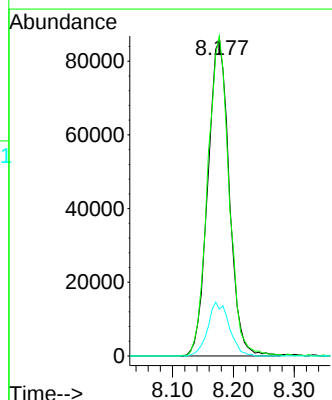
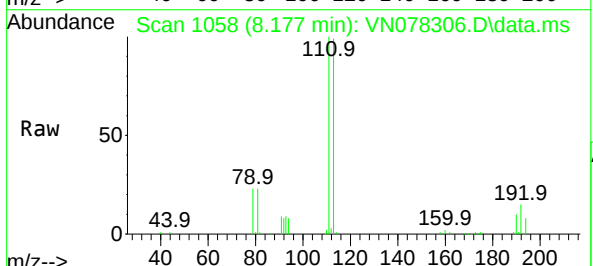
Tgt Ion:113 Resp: 209842

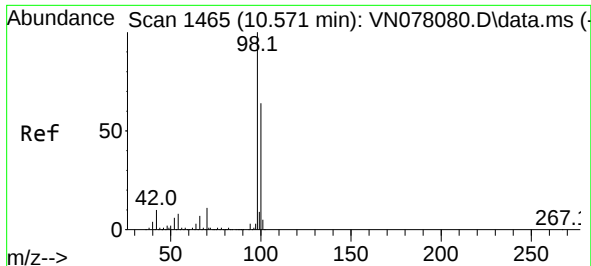
Ion Ratio Lower Upper

113 100

111 100.9 82.6 123.8

192 17.0 12.7 19.1

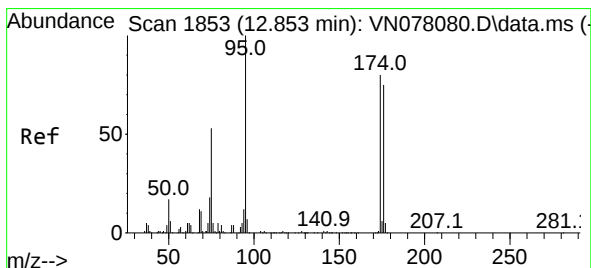
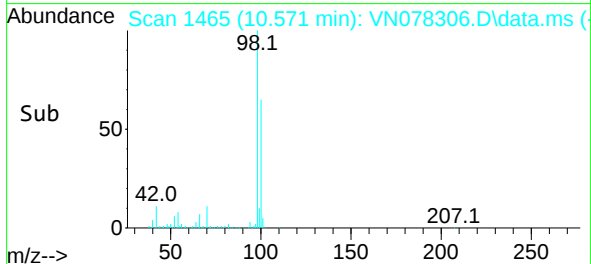
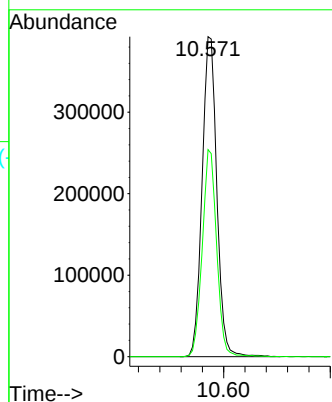
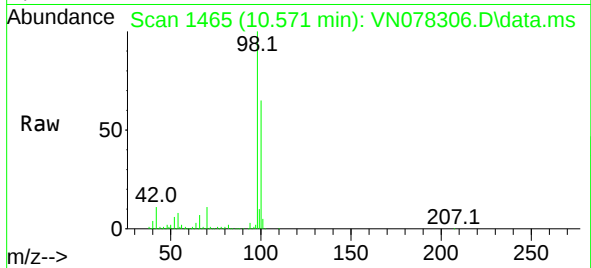




#50
Toluene-d8
Concen: 50.435 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078306.D
Acq: 20 Jun 2023 13:48

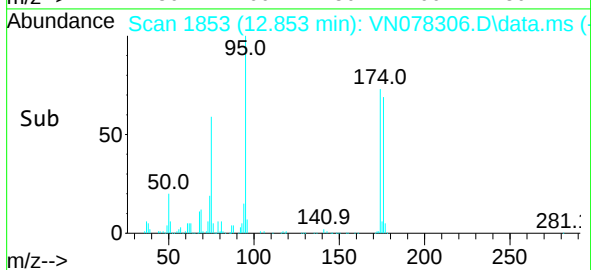
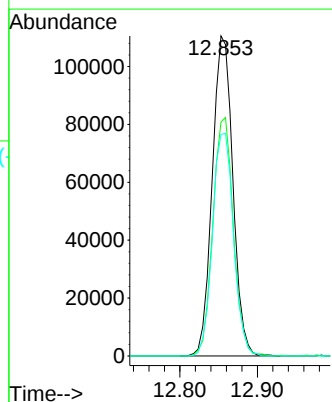
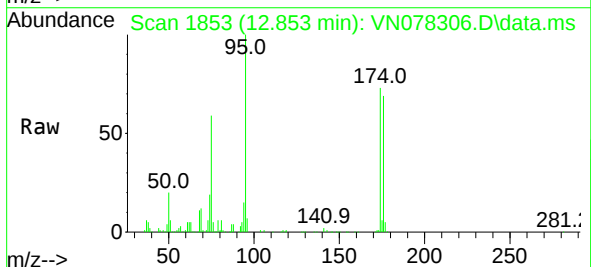
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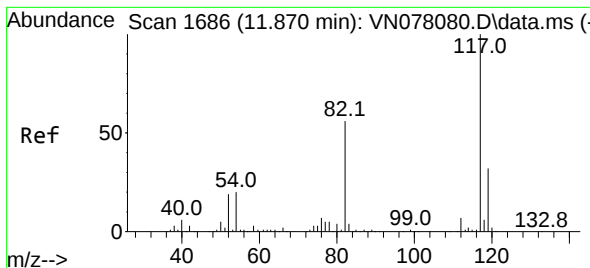
Tgt Ion: 98 Resp: 752781
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.044 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078306.D
Acq: 20 Jun 2023 13:48

Tgt Ion: 95 Resp: 204369
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 70.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078306.D

Acq: 20 Jun 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

IBLK

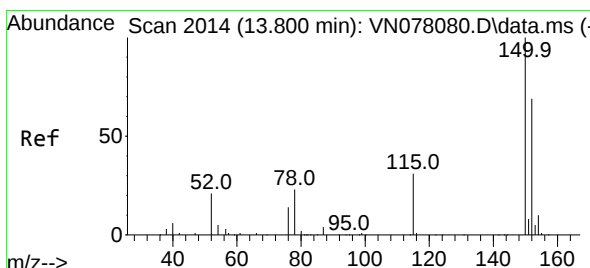
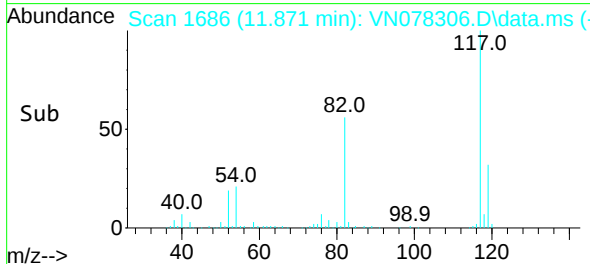
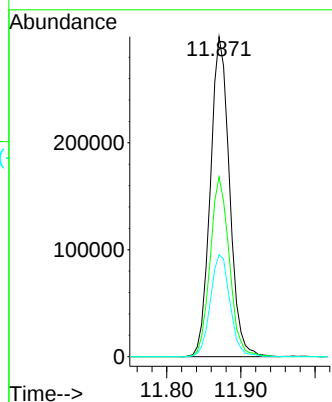
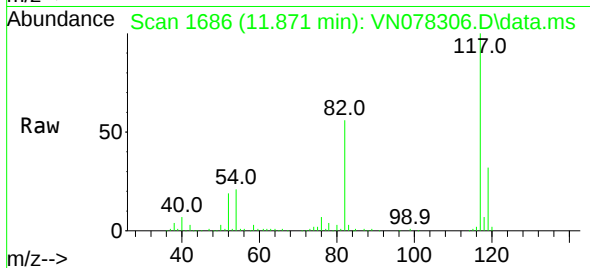
Tgt Ion:117 Resp: 537324

Ion Ratio Lower Upper

117 100

82 56.2 44.0 66.0

119 31.9 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: VN078306.D

Acq: 20 Jun 2023 13:48

Tgt Ion:152 Resp: 146350

Ion Ratio Lower Upper

152 100

115 60.5 32.3 96.8

150 157.1 0.0 355.8

