

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078095.D
 Acq On : 07 Jun 2023 11:52
 Operator : JC\MD
 Sample : 03039-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 07 16:40:51 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	8.230	168	395454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	721580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	617016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	181261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	264616	50.187	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.380%
35) Dibromofluoromethane	8.171	113	235284	51.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.140%
50) Toluene-d8	10.571	98	873306	49.651	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.853	95	248430	45.434	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.860%

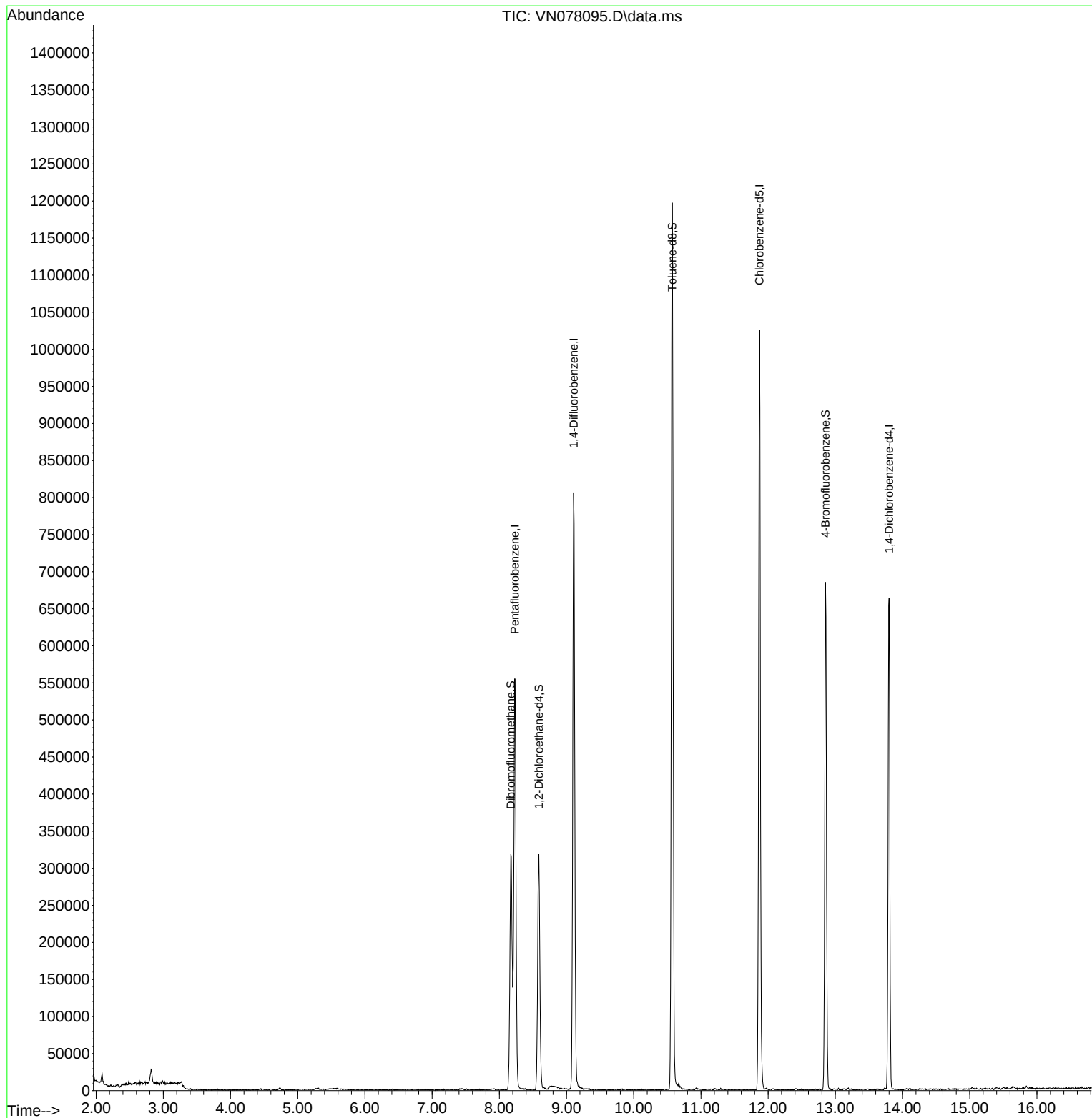
Target Compounds	Qvalue

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

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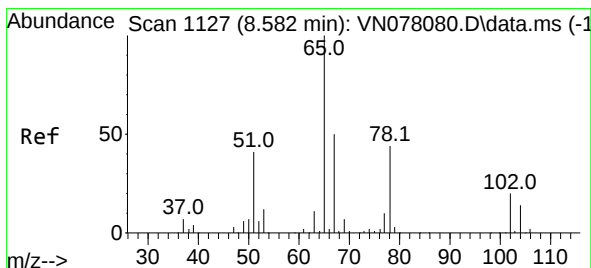
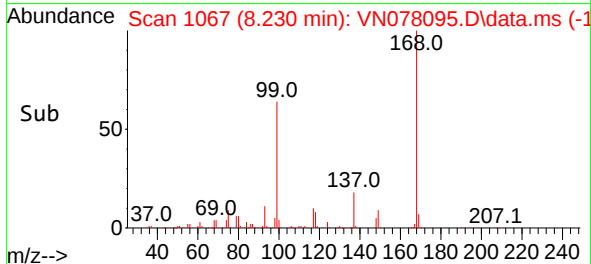
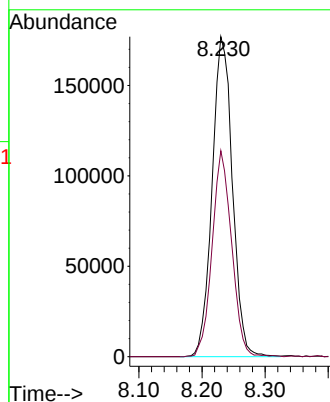
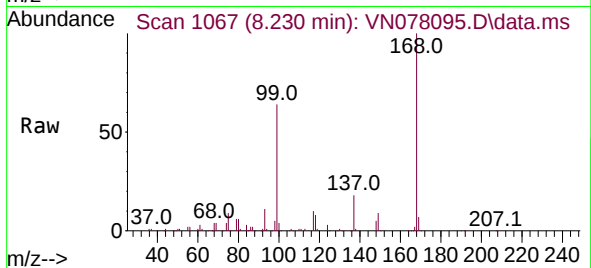




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078095.D
Acq: 07 Jun 2023 11:52

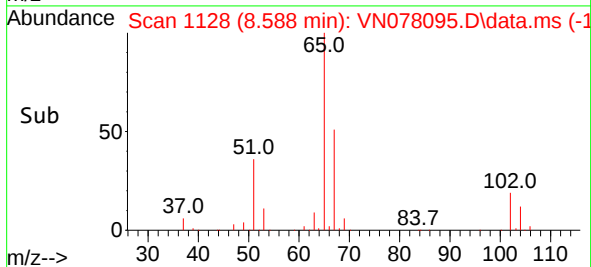
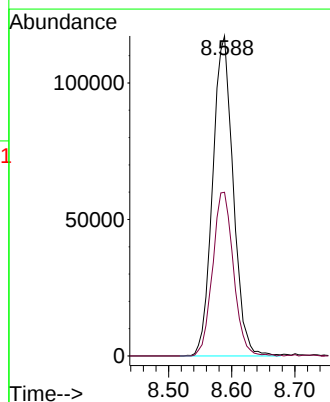
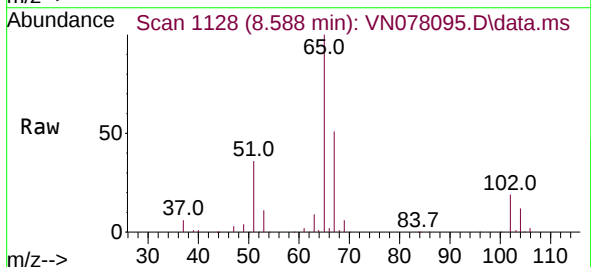
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

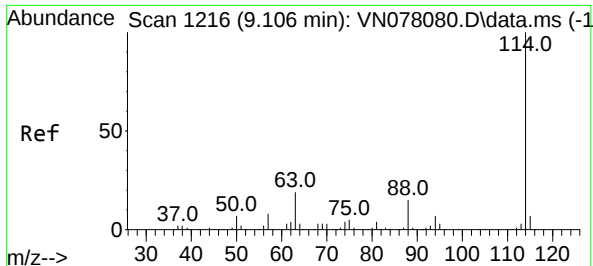
Tgt Ion:168 Resp: 395454
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.187 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078095.D
Acq: 07 Jun 2023 11:52

Tgt Ion: 65 Resp: 264616
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6

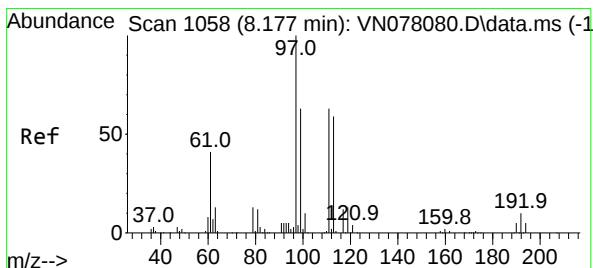
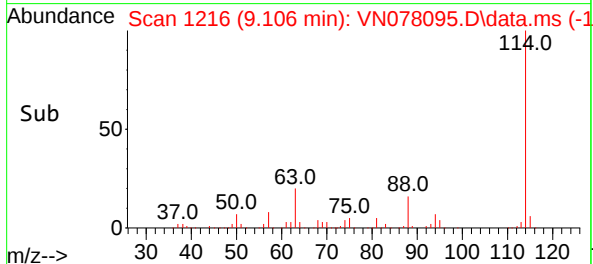
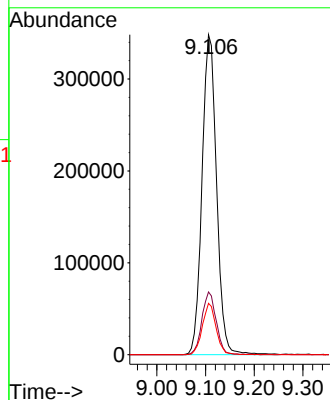
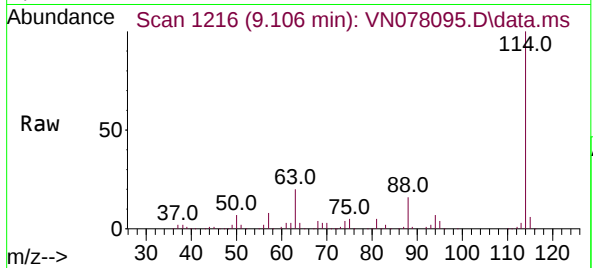




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078095.D
Acq: 07 Jun 2023 11:52

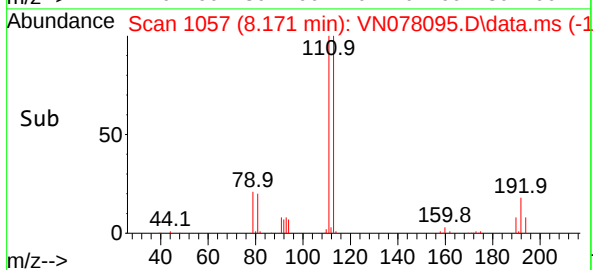
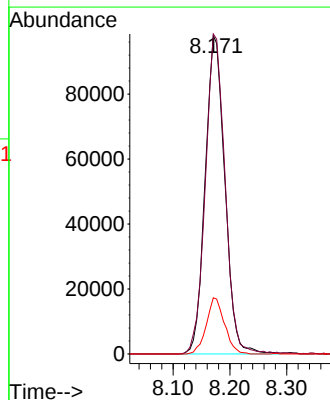
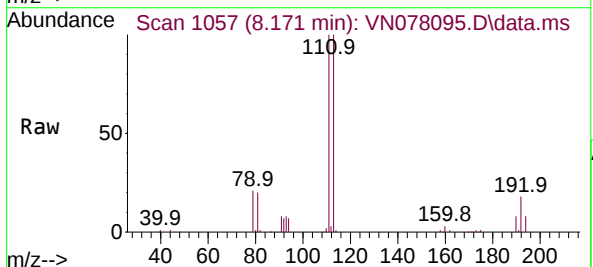
Instrument :
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ClientSampleId :
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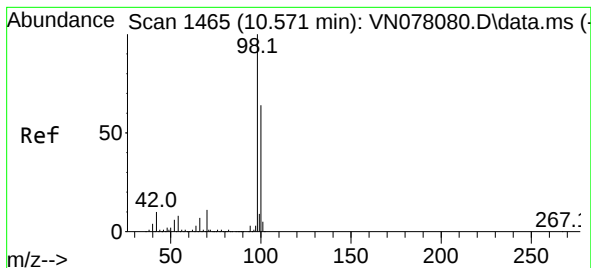
Tgt Ion:114 Resp: 721580
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.570 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078095.D
Acq: 07 Jun 2023 11:52

Tgt Ion:113 Resp: 235284
Ion Ratio Lower Upper
113 100
111 100.8 82.6 123.8
192 16.3 12.7 19.1

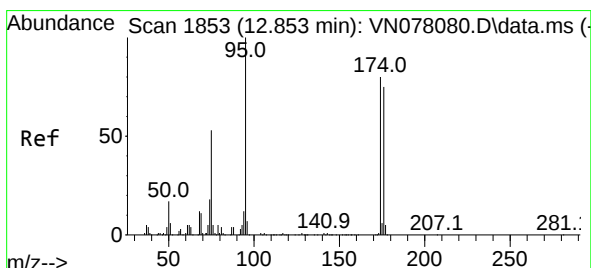
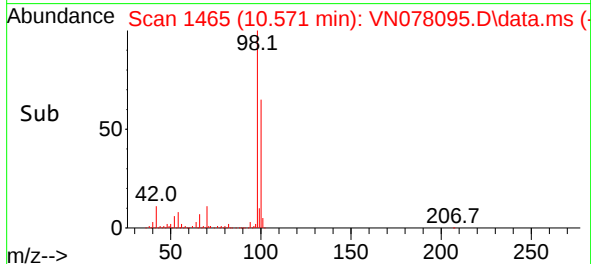
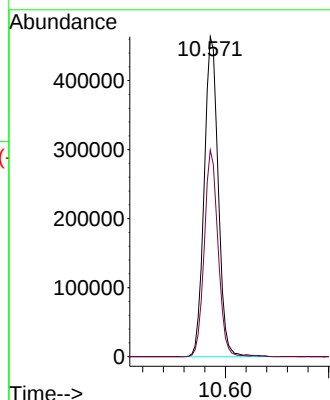
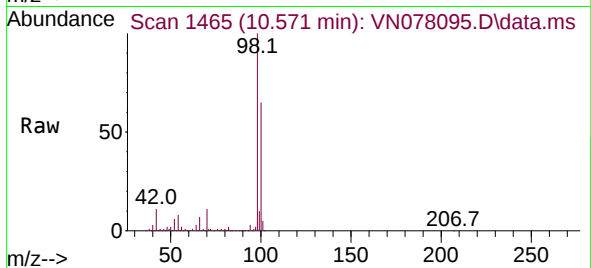




#50
Toluene-d8
Concen: 49.651 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078095.D
Acq: 07 Jun 2023 11:52

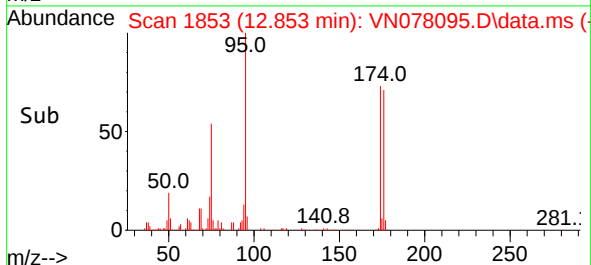
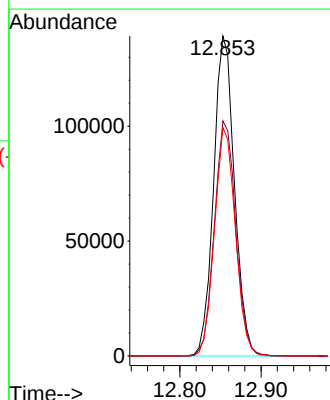
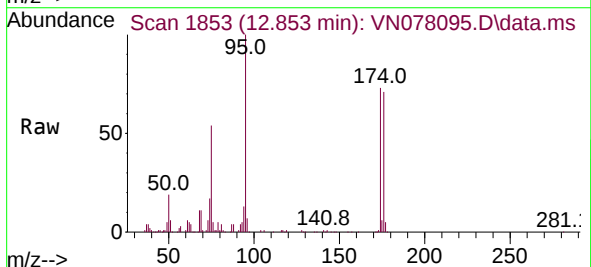
Instrument :
MSVOA_N
ClientSampleId :
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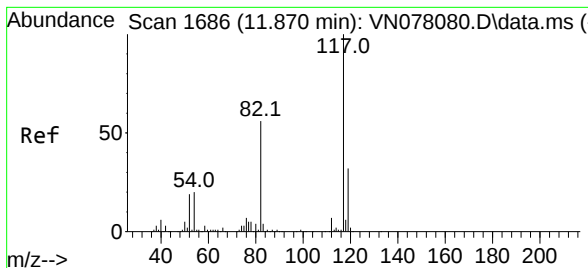
Tgt Ion: 98 Resp: 873306
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.434 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078095.D
Acq: 07 Jun 2023 11:52

Tgt Ion: 95 Resp: 248430
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 71.6 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: VN078095.D

Acq: 07 Jun 2023 11:52

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

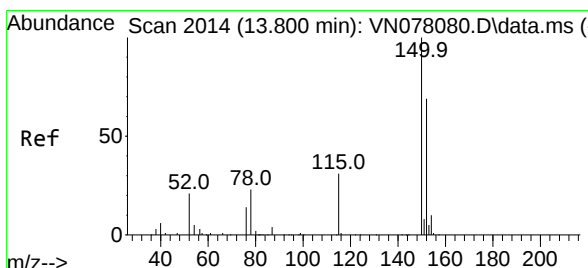
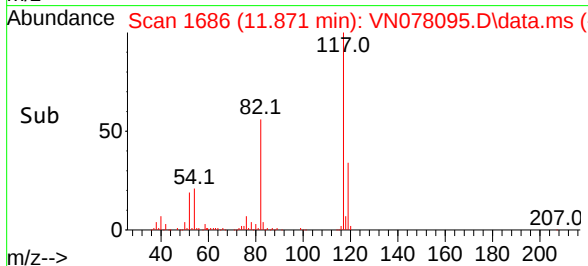
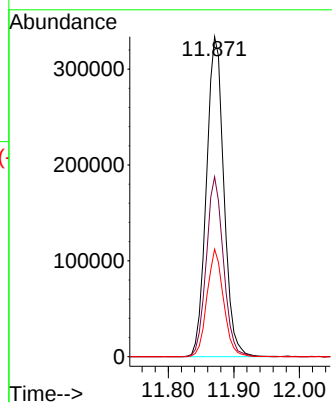
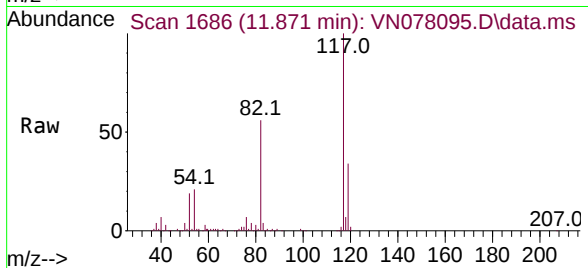
Tgt Ion:117 Resp: 617016

Ion Ratio Lower Upper

117 100

82 56.2 44.0 66.0

119 33.6 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: VN078095.D

Acq: 07 Jun 2023 11:52

Tgt Ion:152 Resp: 181261

Ion Ratio Lower Upper

152 100

115 64.1 32.3 96.8

150 158.5 0.0 355.8

