

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078614.D
 Acq On : 21 Jul 2023 15:23
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 21 23:25:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	413412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	733748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	667176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	204665	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	275552	49.719	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.440%
35) Dibromofluoromethane	8.177	113	267749	53.755	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.520%
50) Toluene-d8	10.571	98	863385	45.885	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.760%
62) 4-Bromofluorobenzene	12.853	95	279274	48.185	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.380%

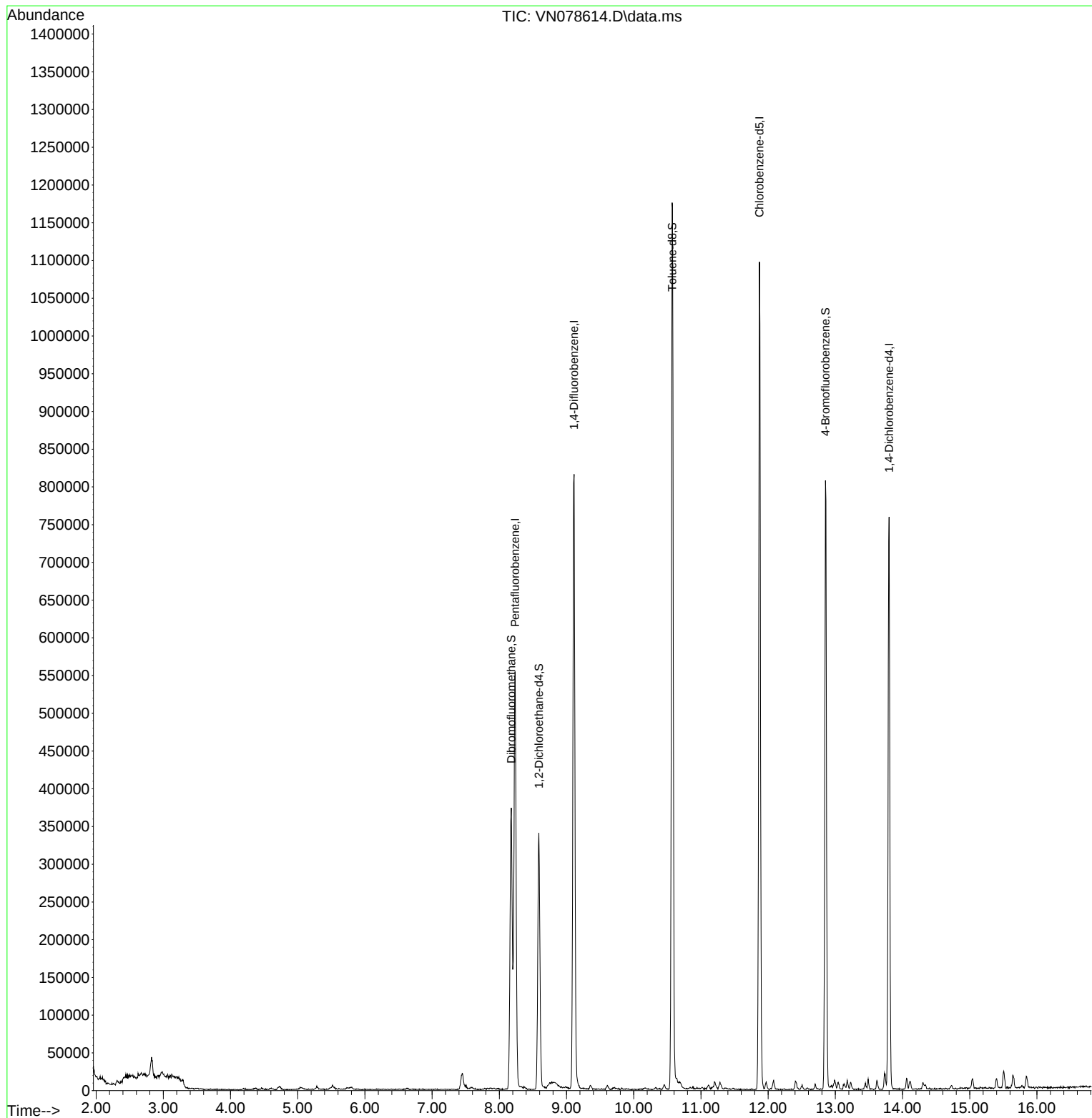
Target Compounds	Qvalue

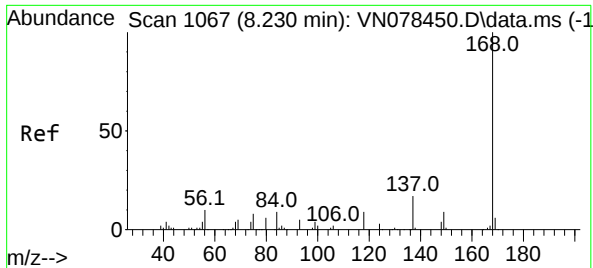
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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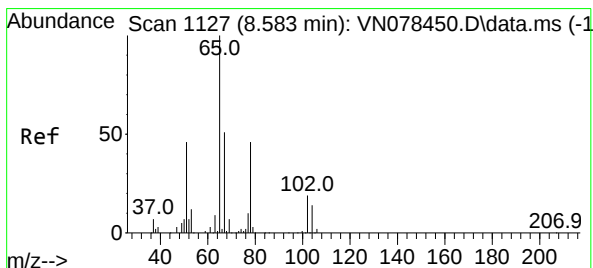
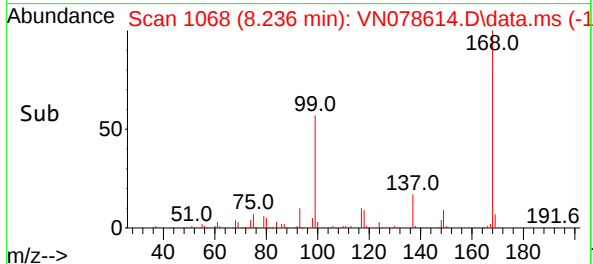
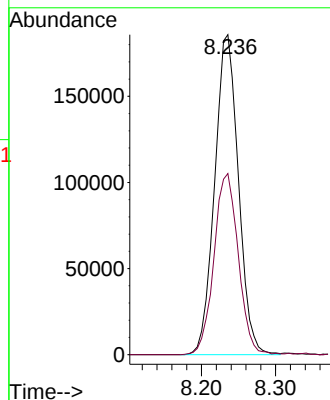
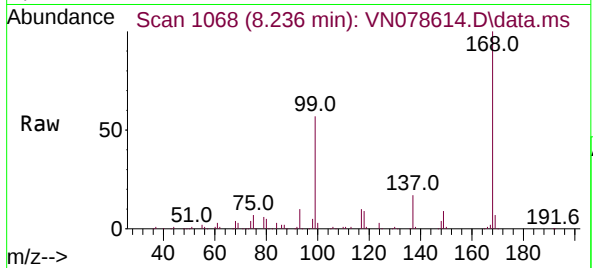




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN078614.D
Acq: 21 Jul 2023 15:23

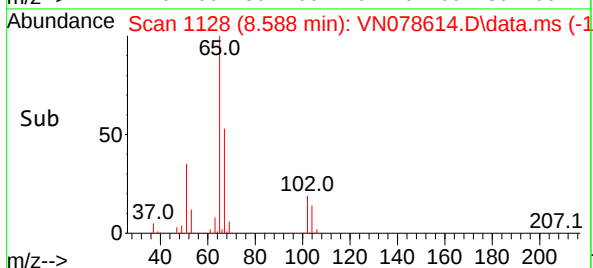
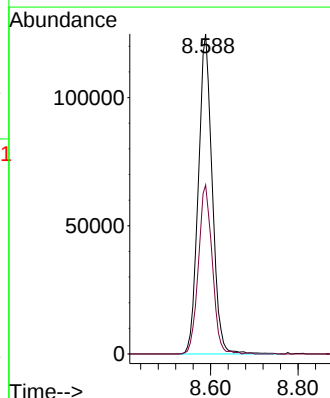
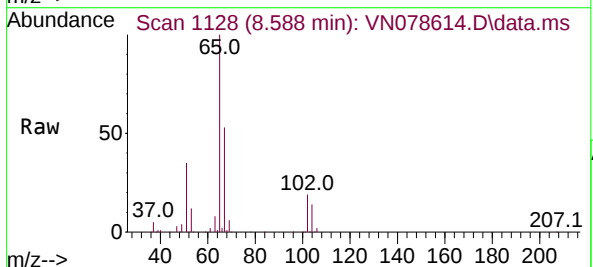
Instrument :
MSVOA_N
ClientSampleId :
IBLK

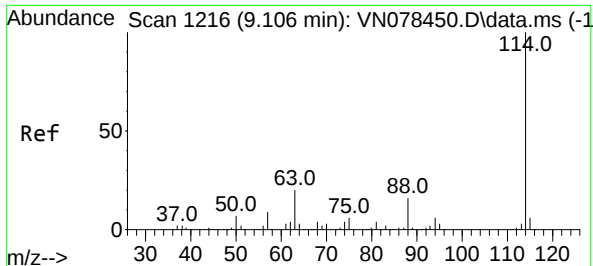
Tgt Ion:168 Resp: 413412
Ion Ratio Lower Upper
168 100
99 56.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.719 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078614.D
Acq: 21 Jul 2023 15:23

Tgt Ion: 65 Resp: 275552
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078614.D

Acq: 21 Jul 2023 15:23

Instrument :

MSVOA_N

ClientSampleId :

IBLK

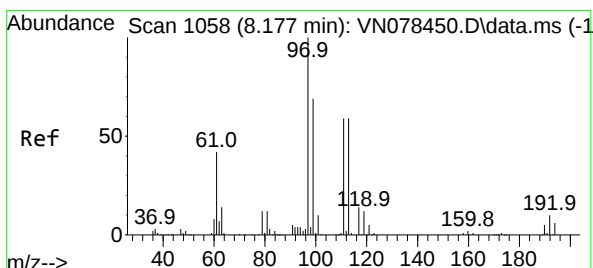
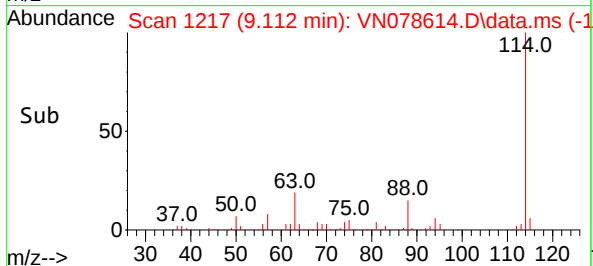
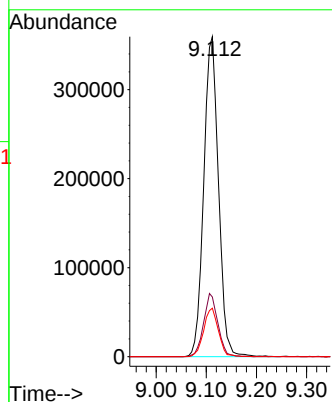
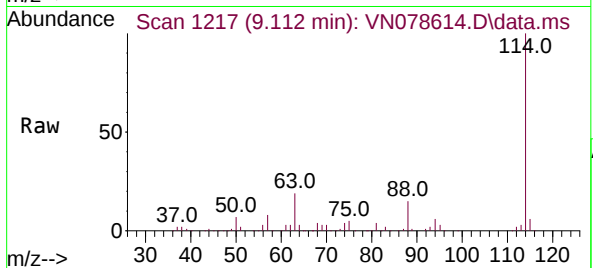
Tgt Ion:114 Resp: 733748

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.755 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078614.D

Acq: 21 Jul 2023 15:23

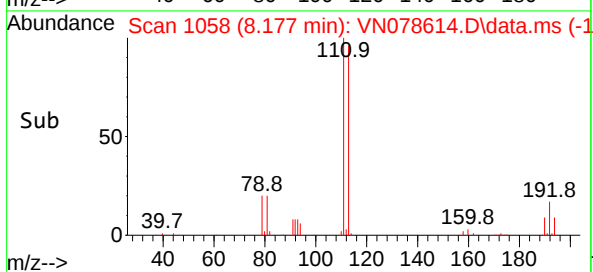
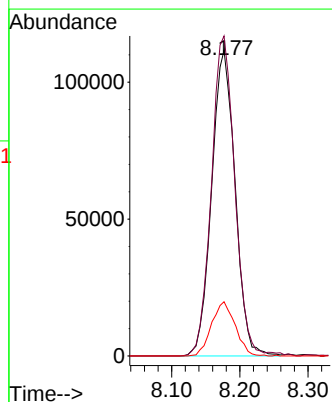
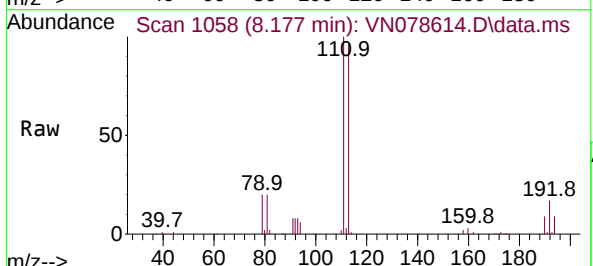
Tgt Ion:113 Resp: 267749

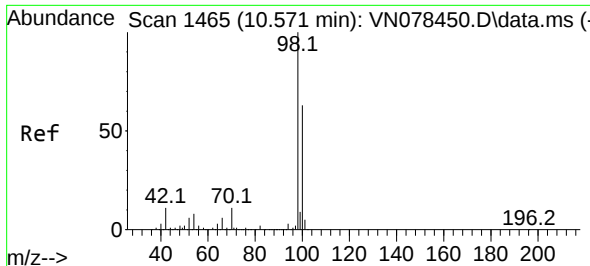
Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 17.9 12.7 19.1

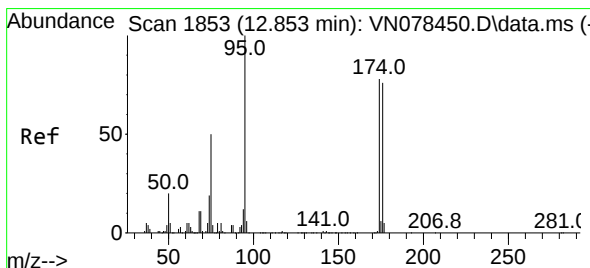
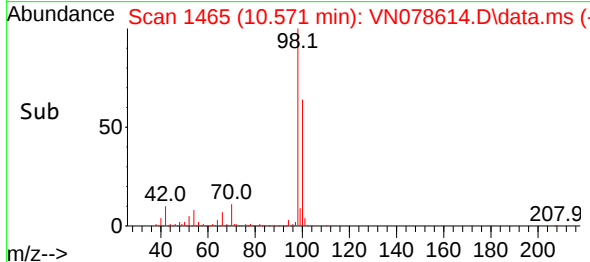
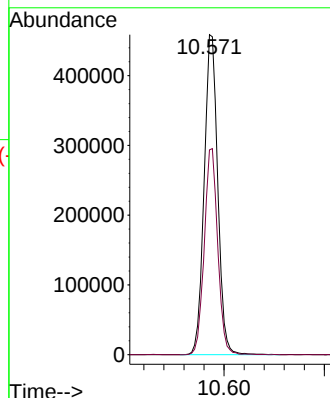
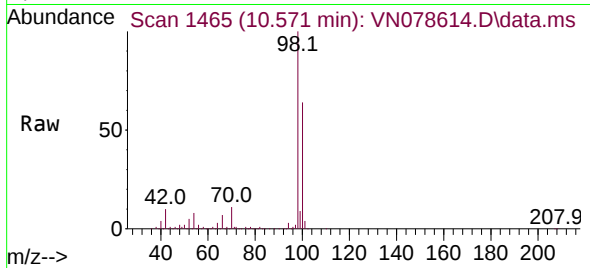




#50
Toluene-d8
Concen: 45.885 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078614.D
Acq: 21 Jul 2023 15:23

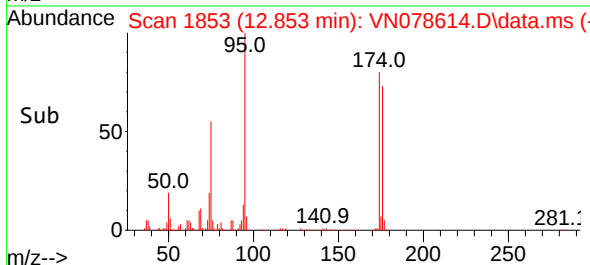
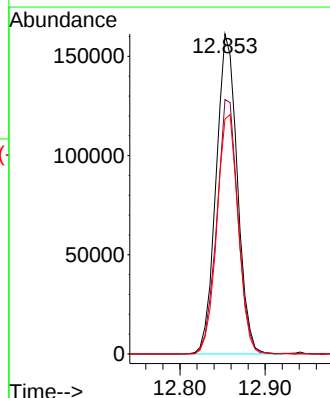
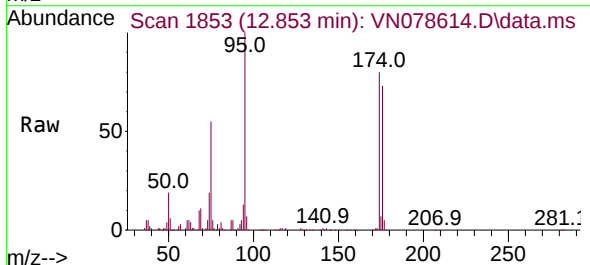
Instrument :
MSVOA_N
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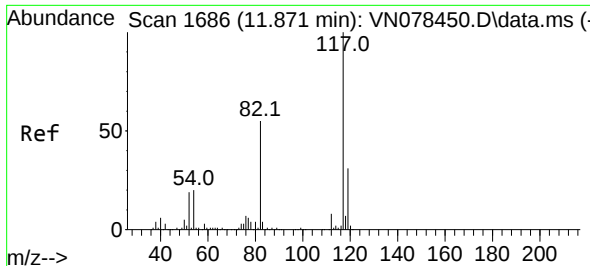
Tgt Ion: 98 Resp: 863385
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.185 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078614.D
Acq: 21 Jul 2023 15:23

Tgt Ion: 95 Resp: 279274
Ion Ratio Lower Upper
95 100
174 79.7 0.0 143.8
176 75.0 0.0 135.8

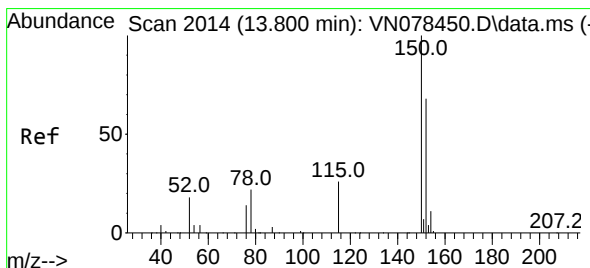
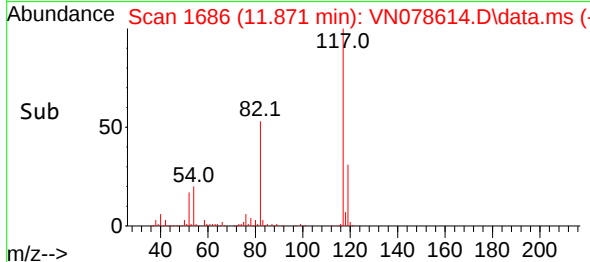
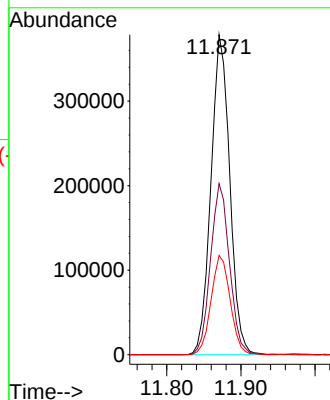
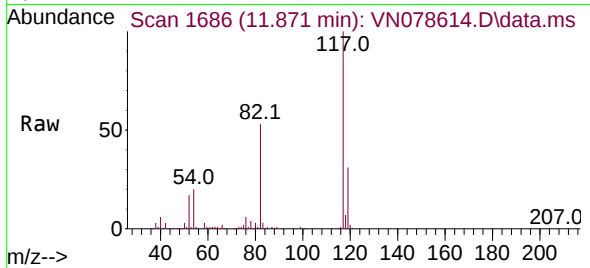




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078614.D
Acq: 21 Jul 2023 15:23

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 667176
Ion Ratio Lower Upper
117 100
82 53.4 44.0 66.0
119 31.0 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: VN078614.D
Acq: 21 Jul 2023 15:23

Tgt Ion:152 Resp: 204665
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 162.4 0.0 355.8

