

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078552.D
 Acq On : 18 Jul 2023 11:27
 Operator : JC\MD
 Sample : VN0718WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBL01

Quant Time: Jul 19 01:45:11 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	402785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	700602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	679555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	262153	48.549	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.100%
35) Dibromofluoromethane	8.177	113	269631	56.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.380%
50) Toluene-d8	10.571	98	835689	46.514	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.020%
62) 4-Bromofluorobenzene	12.853	95	293471	53.030	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.060%

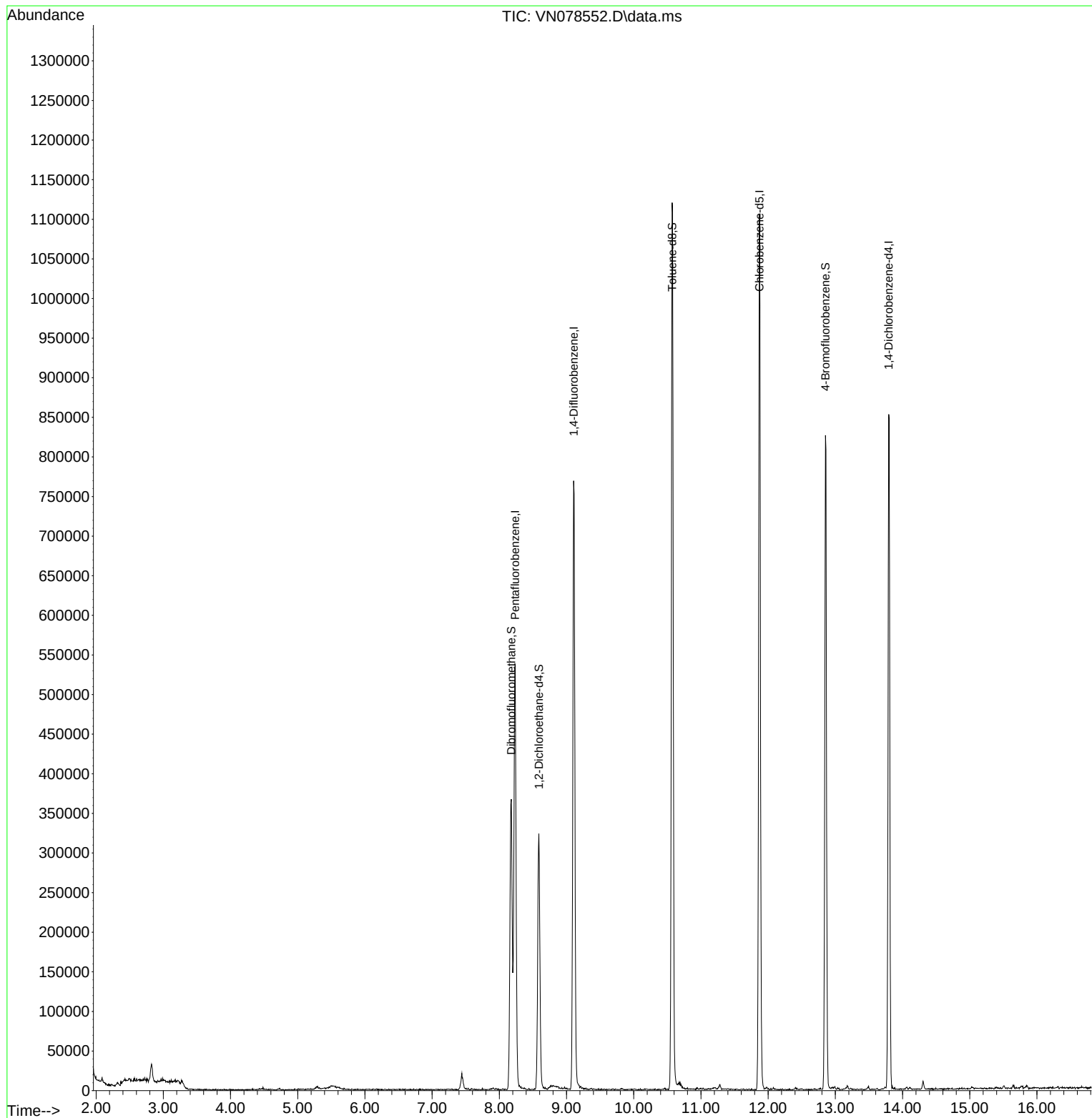
Target Compounds	Qvalue

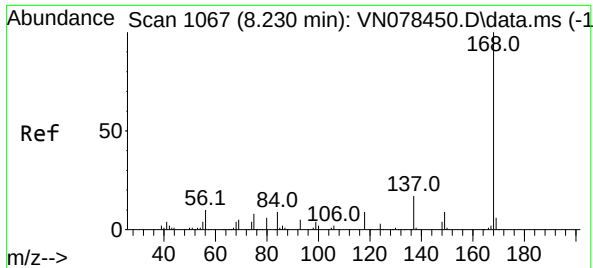
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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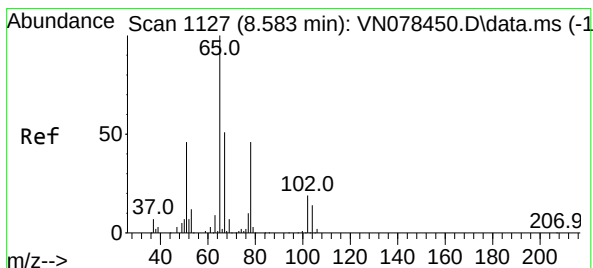
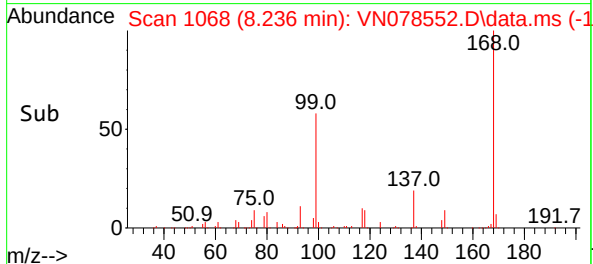
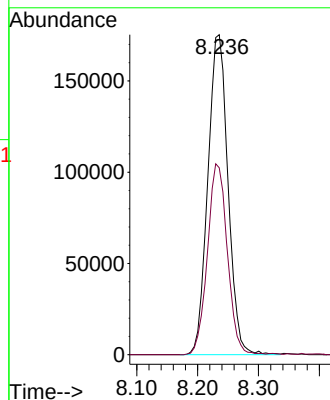
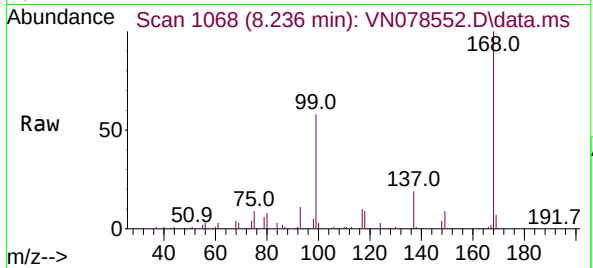




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078552.D
Acq: 18 Jul 2023 11:27

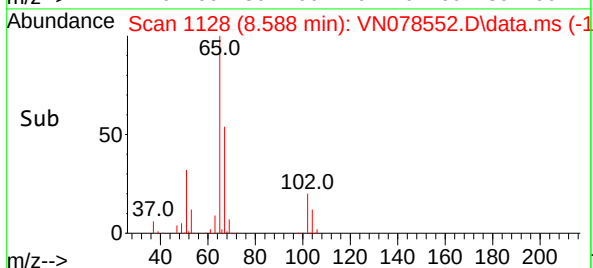
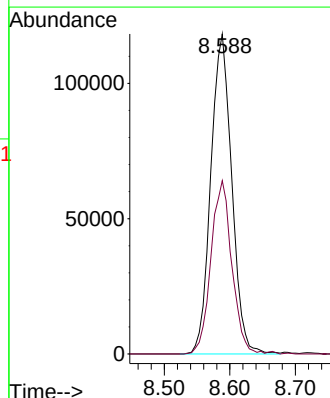
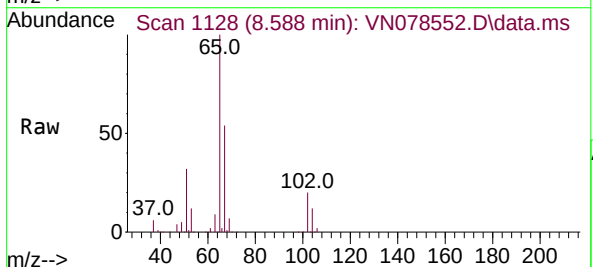
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBL01

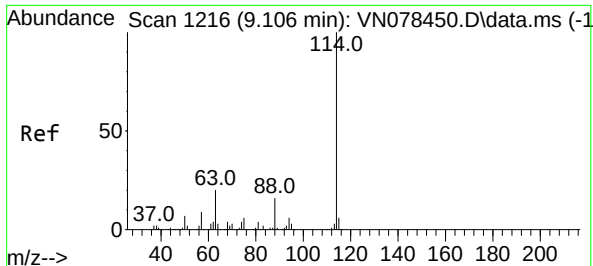
Tgt Ion:168 Resp: 402785
Ion Ratio Lower Upper
168 100
99 58.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.549 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078552.D
Acq: 18 Jul 2023 11:27

Tgt Ion: 65 Resp: 262153
Ion Ratio Lower Upper
65 100
67 53.9 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: VN078552.D

Acq: 18 Jul 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBL01

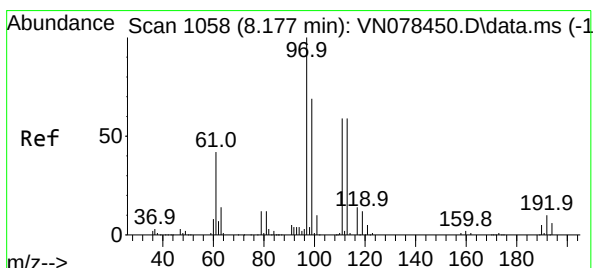
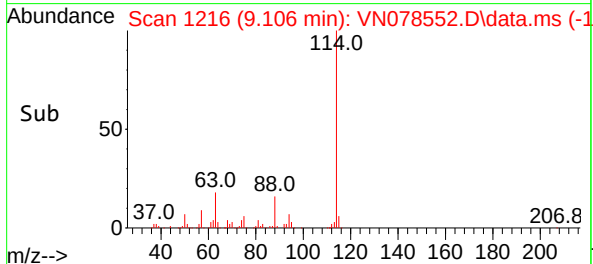
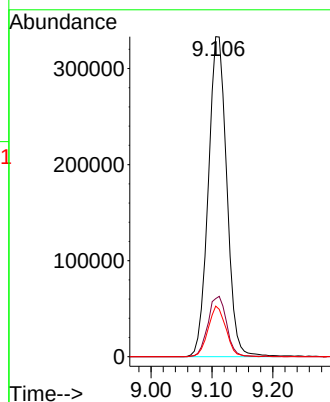
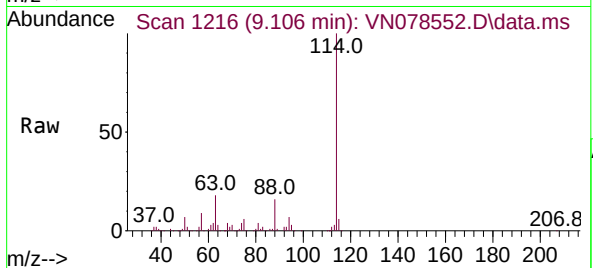
Tgt Ion:114 Resp: 700602

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.694 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078552.D

Acq: 18 Jul 2023 11:27

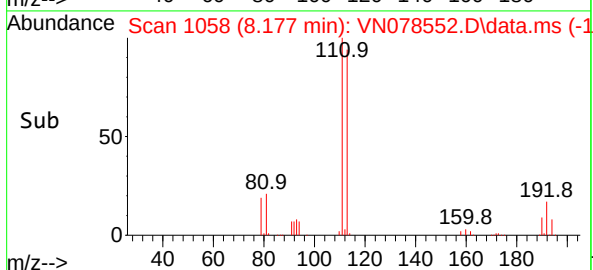
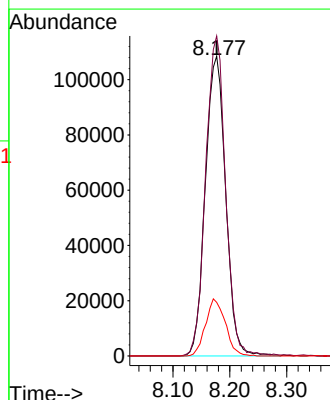
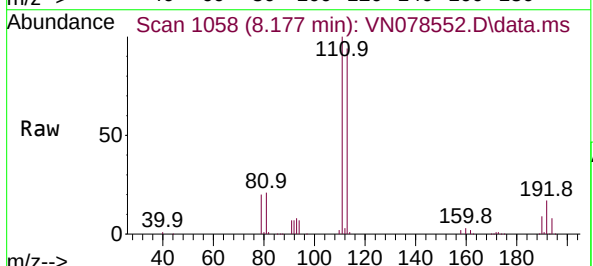
Tgt Ion:113 Resp: 269631

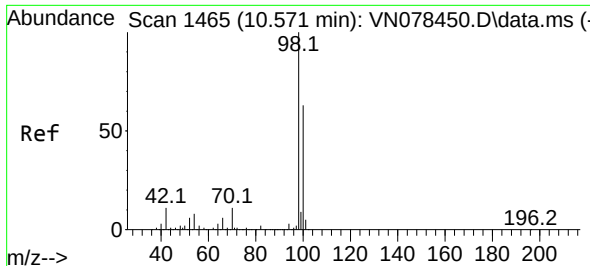
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 18.5 12.7 19.1

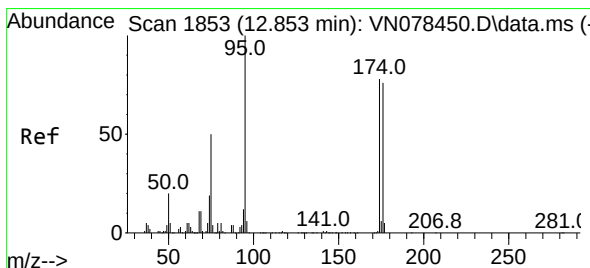
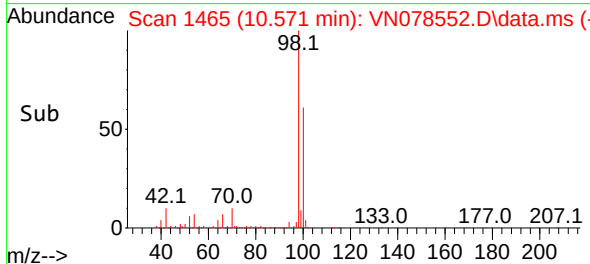
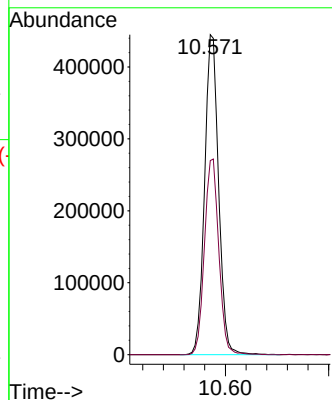
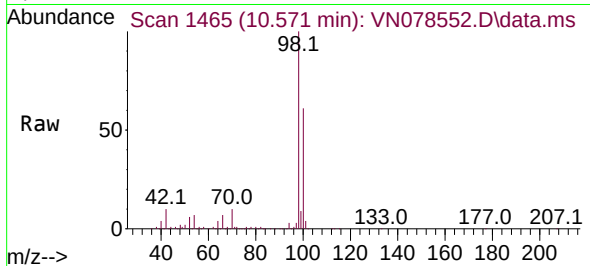




#50
Toluene-d8
Concen: 46.514 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078552.D
Acq: 18 Jul 2023 11:27

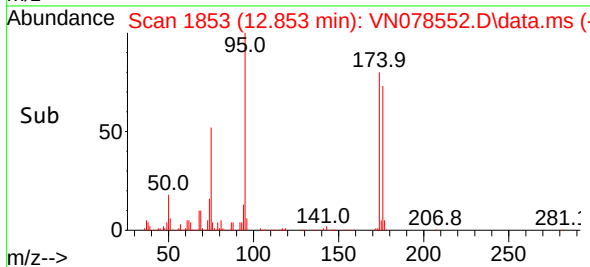
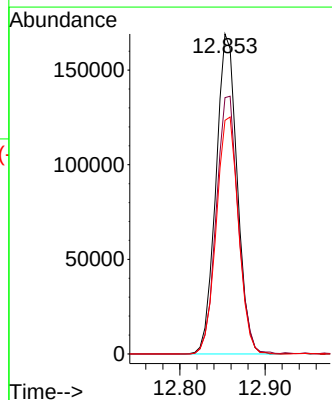
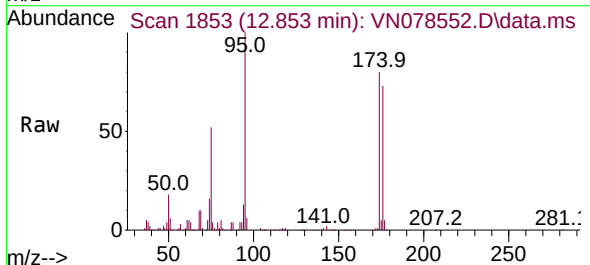
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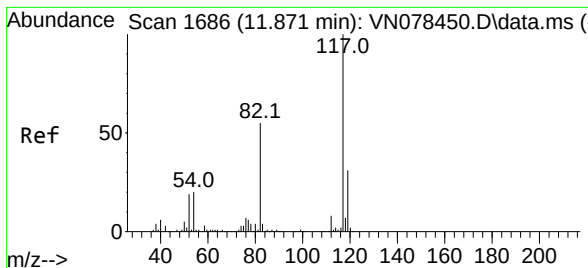
Tgt Ion: 98 Resp: 835689
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.030 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078552.D
Acq: 18 Jul 2023 11:27

Tgt Ion: 95 Resp: 293471
Ion Ratio Lower Upper
95 100
174 82.9 0.0 143.8
176 77.0 0.0 135.8

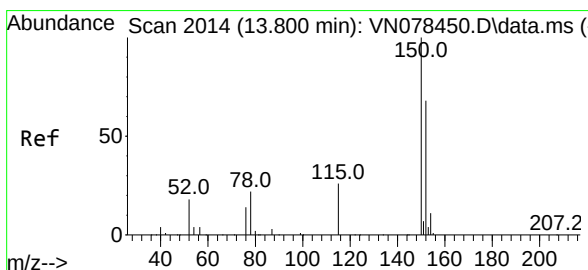
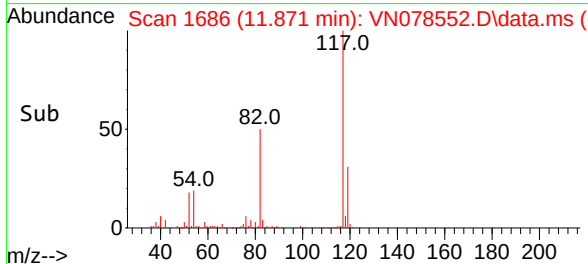
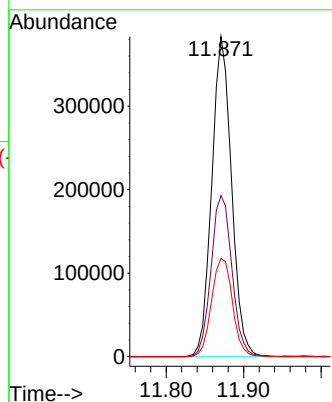
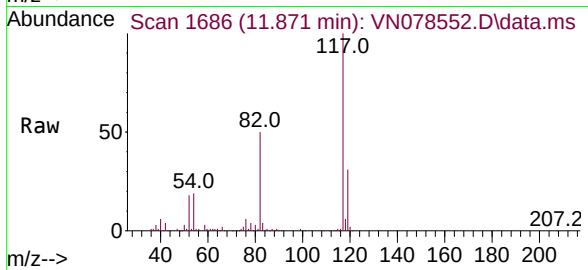




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078552.D
Acq: 18 Jul 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBL01

Tgt Ion:117 Resp: 679555
Ion Ratio Lower Upper
117 100
82 50.4 44.0 66.0
119 30.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078552.D
Acq: 18 Jul 2023 11:27

Tgt Ion:152 Resp: 243985
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 158.7 0.0 355.8

