

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078510.D
 Acq On : 14 Jul 2023 10:10
 Operator : JC\MD
 Sample : VN0714WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBL01

Quant Time: Jul 15 03:56:46 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	8.235	168	410410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	730500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	682507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	227070	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	270660	49.193	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.380%
35) Dibromofluoromethane	8.177	113	281037	56.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.340%
50) Toluene-d8	10.576	98	856820	45.738	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.480%
62) 4-Bromofluorobenzene	12.853	95	294449	51.029	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.060%

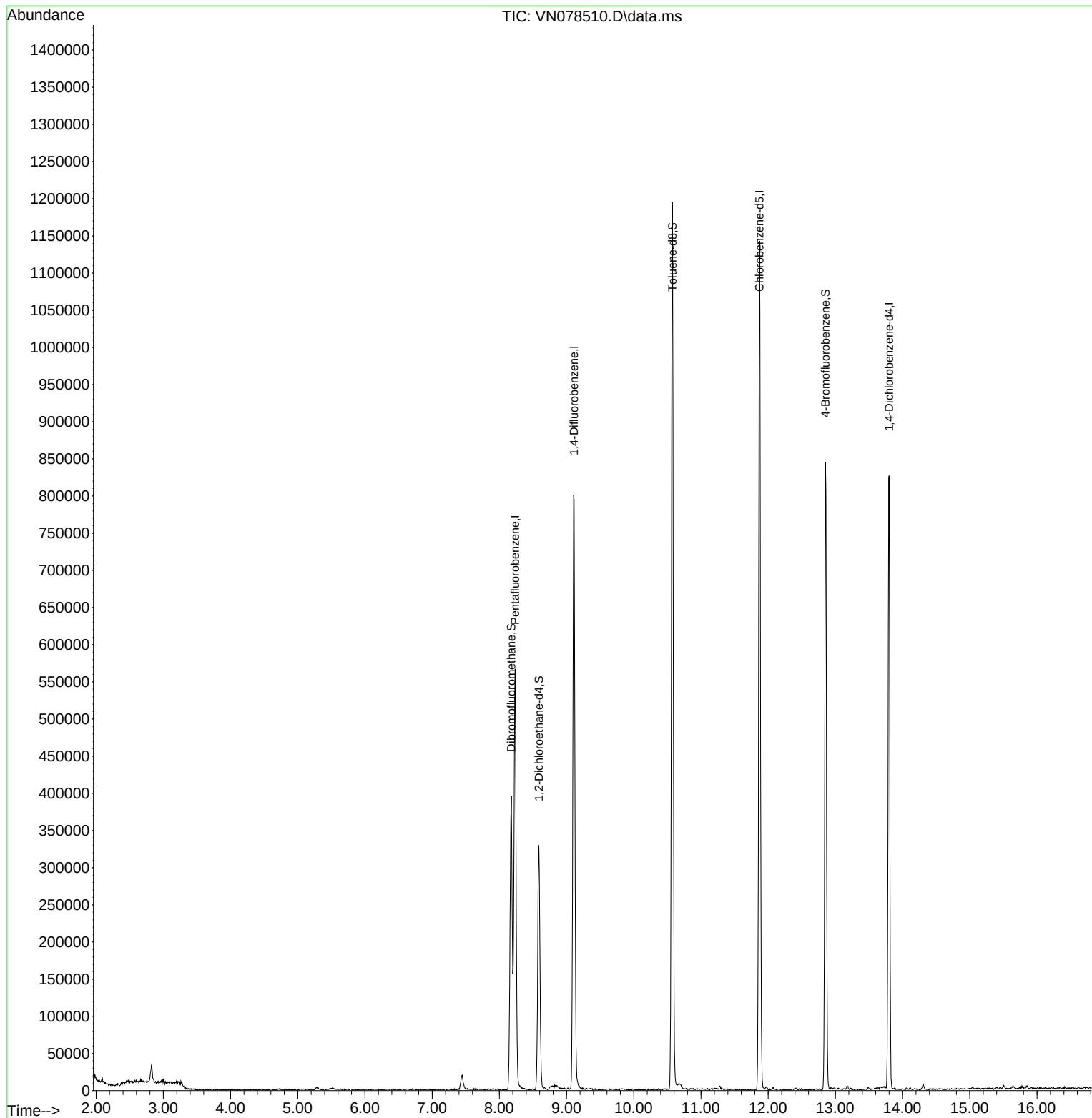
Target Compounds	Qvalue

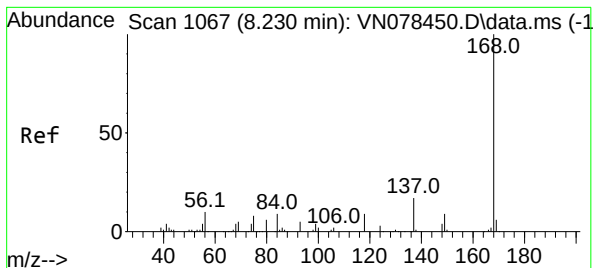
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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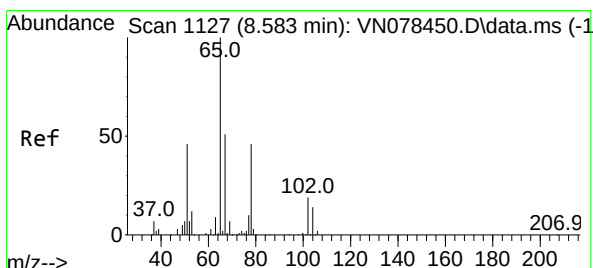
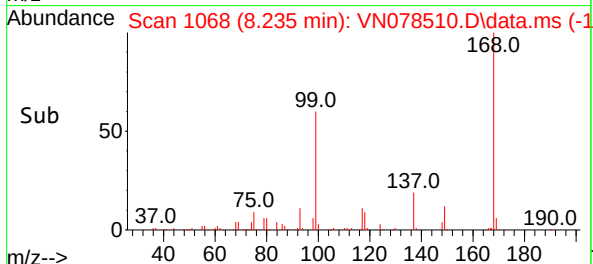
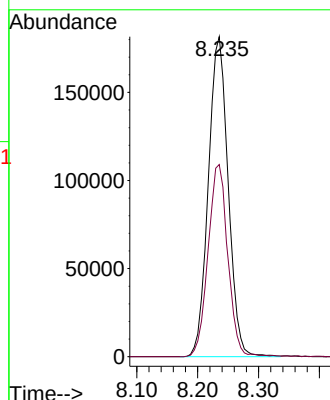
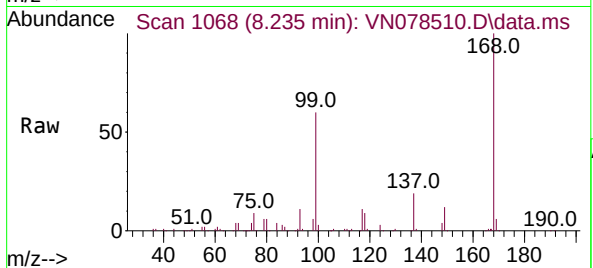




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078510.D
Acq: 14 Jul 2023 10:10

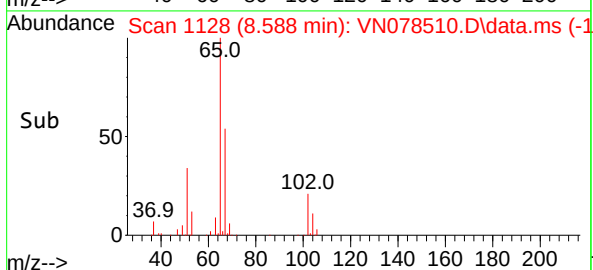
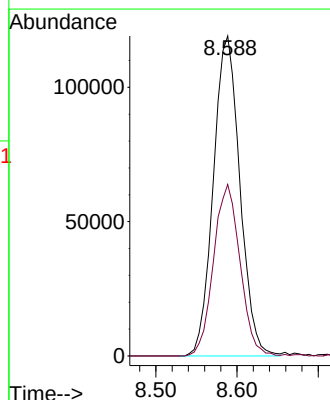
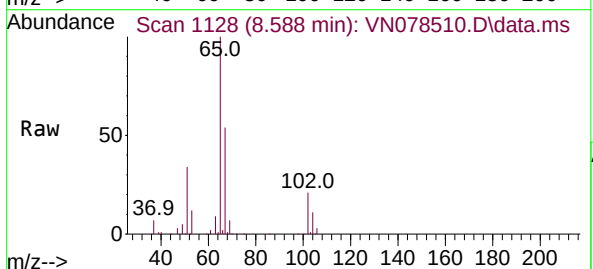
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL01

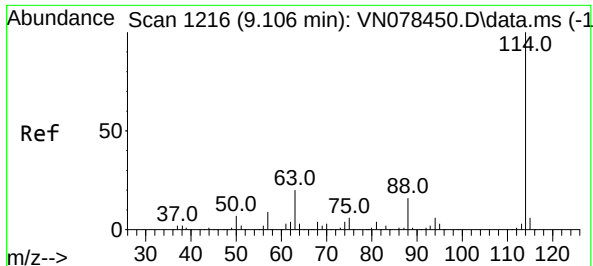
Tgt Ion:168 Resp: 410410
Ion Ratio Lower Upper
168 100
99 60.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.193 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078510.D
Acq: 14 Jul 2023 10:10

Tgt Ion: 65 Resp: 270660
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN078510.D

Acq: 14 Jul 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBL01

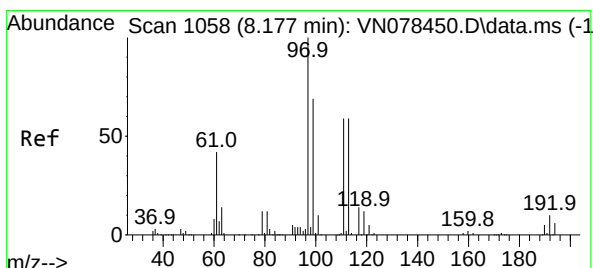
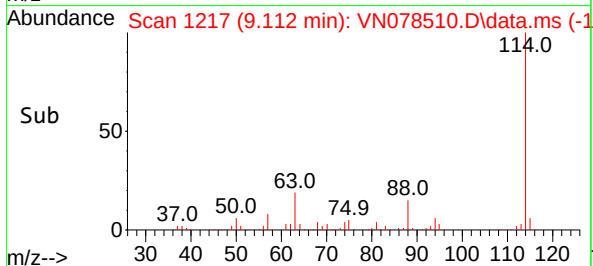
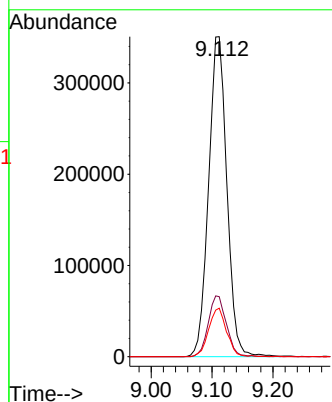
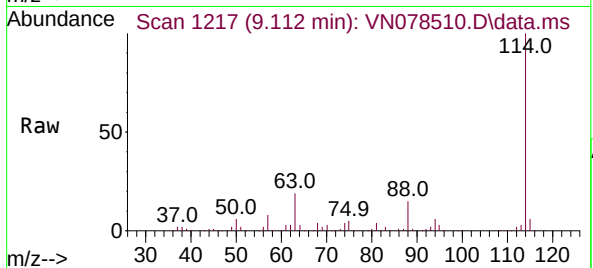
Tgt Ion:114 Resp: 730500

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.674 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078510.D

Acq: 14 Jul 2023 10:10

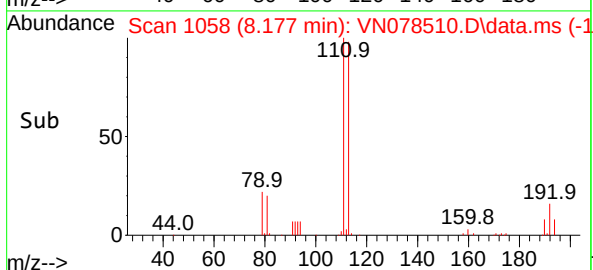
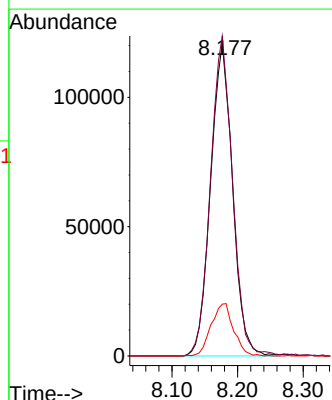
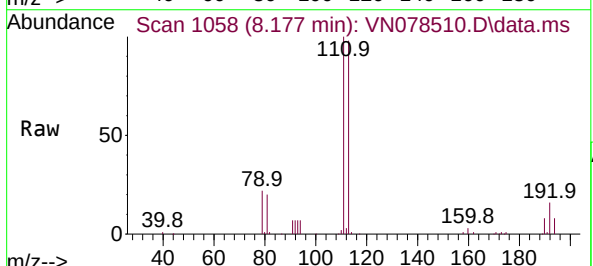
Tgt Ion:113 Resp: 281037

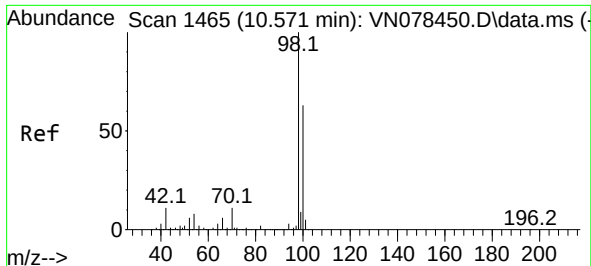
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 17.1 12.7 19.1

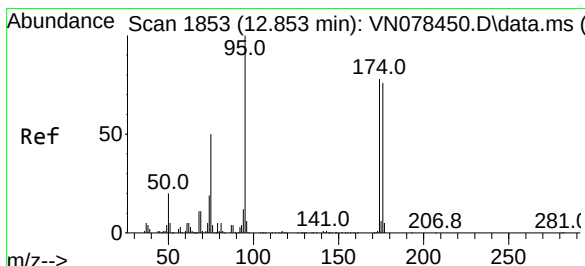
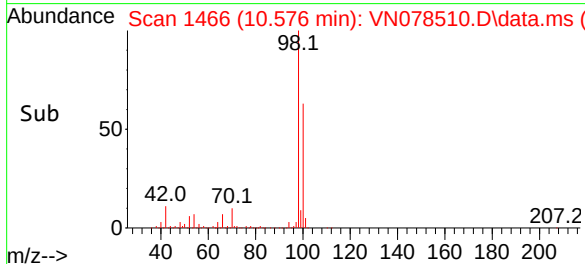
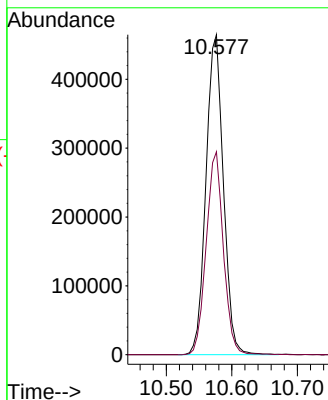
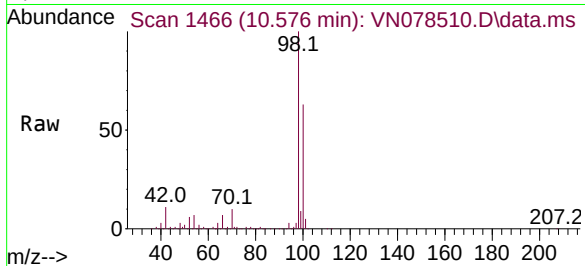




#50
Toluene-d8
Concen: 45.738 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078510.D
Acq: 14 Jul 2023 10:10

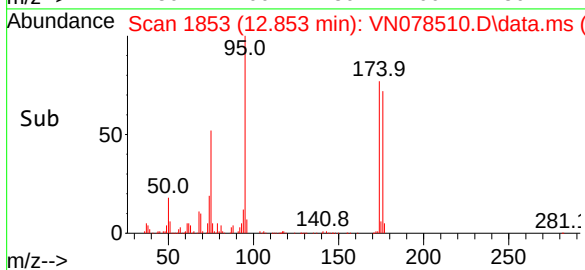
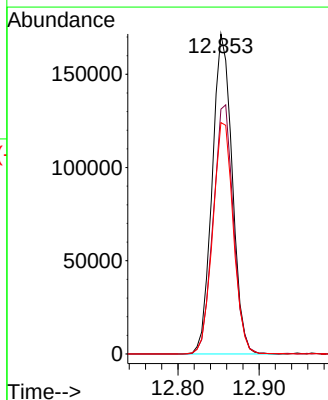
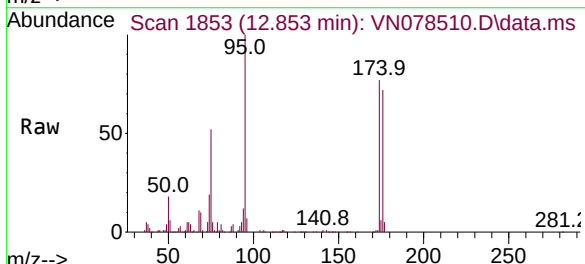
Instrument :
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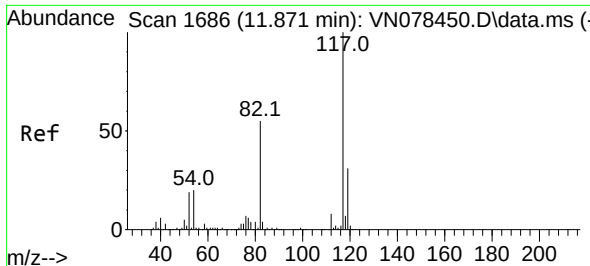
Tgt Ion: 98 Resp: 856820
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.029 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078510.D
Acq: 14 Jul 2023 10:10

Tgt Ion: 95 Resp: 294449
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.8
176 74.3 0.0 135.8

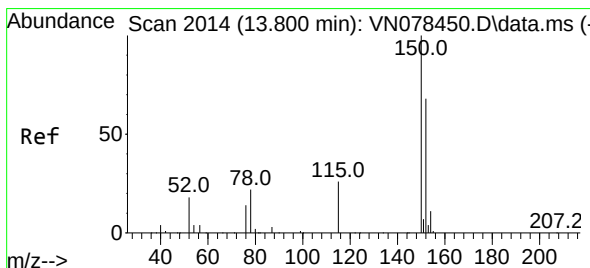
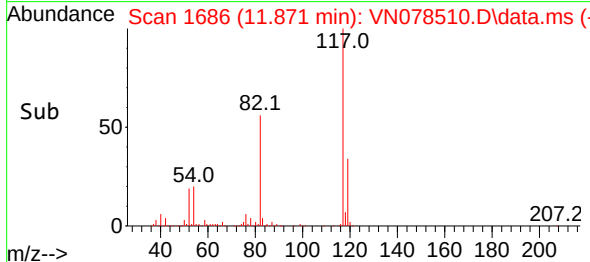
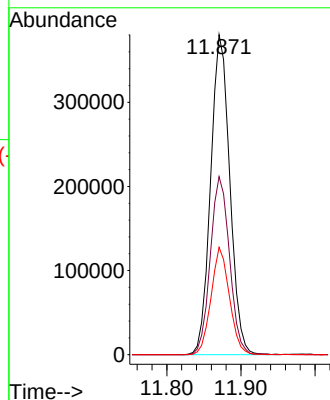
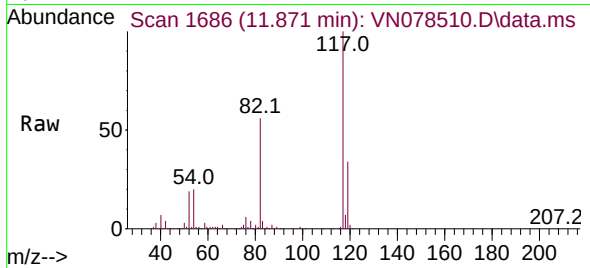




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078510.D
Acq: 14 Jul 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL01

Tgt Ion:117 Resp: 682507
Ion Ratio Lower Upper
117 100
82 55.7 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: VN078510.D
Acq: 14 Jul 2023 10:10

Tgt Ion:152 Resp: 227070
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 159.7 0.0 355.8

