

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
 Data File : VN078642.D
 Acq On : 25 Jul 2023 12:19
 Operator : JC\MD
 Sample : VN0725WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBL01

Quant Time: Jul 26 04:44:16 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	455885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	790386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	725421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	257999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	284954	46.625	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.240%
35) Dibromofluoromethane	8.171	113	284320	52.992	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.980%
50) Toluene-d8	10.571	98	943485	46.549	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.100%
62) 4-Bromofluorobenzene	12.853	95	318581	51.028	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.060%

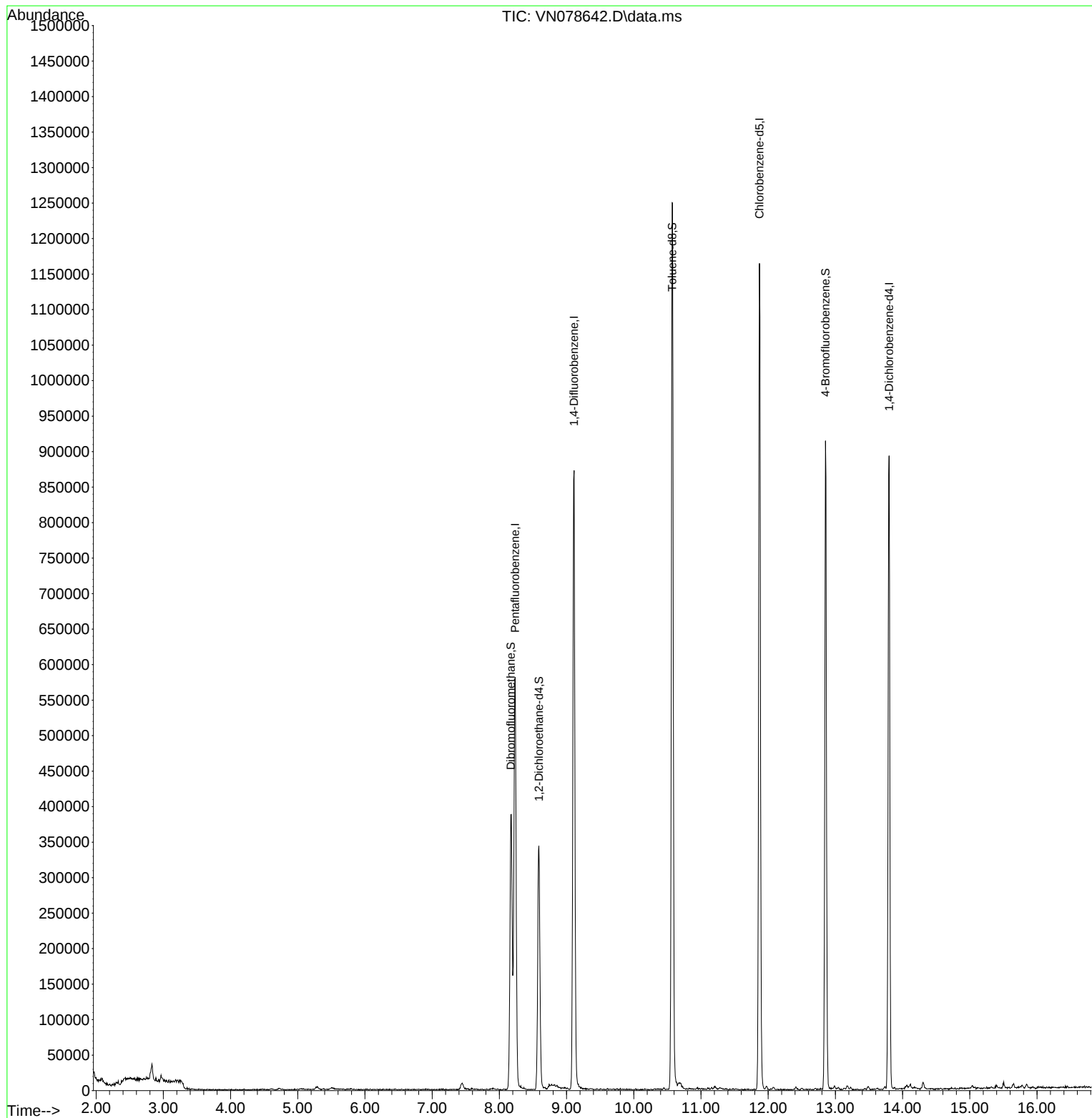
Target Compounds	Qvalue

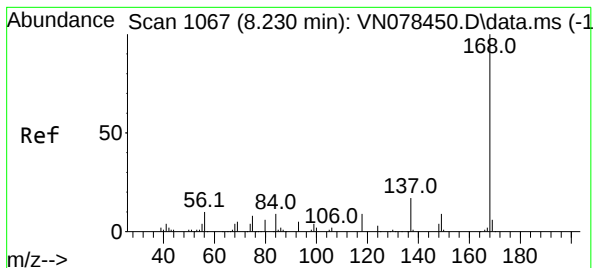
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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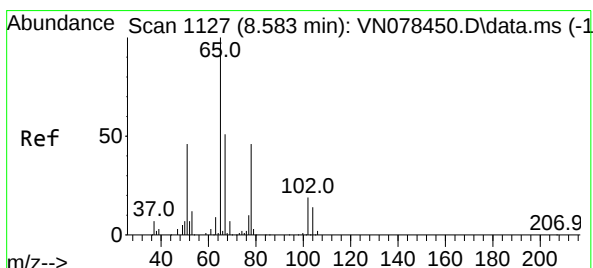
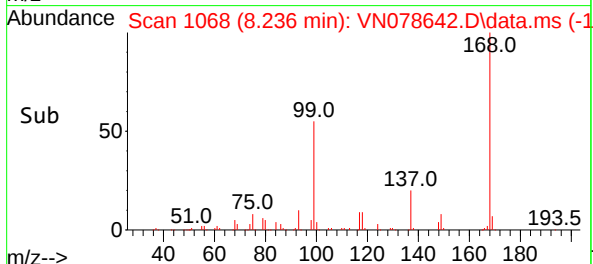
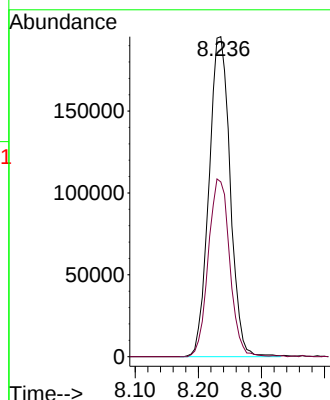
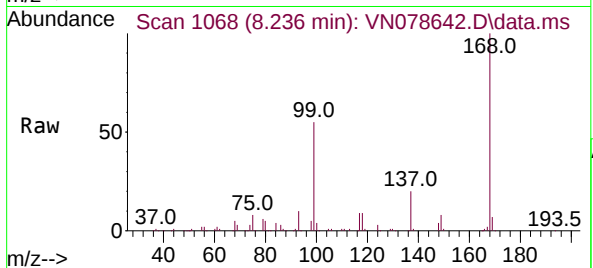




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078642.D
Acq: 25 Jul 2023 12:19

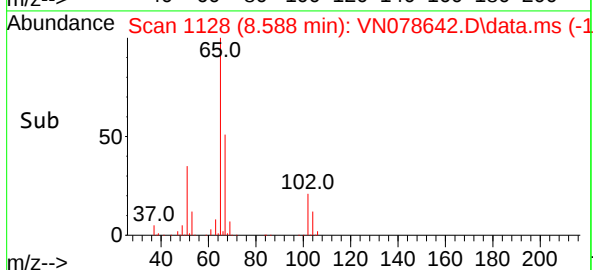
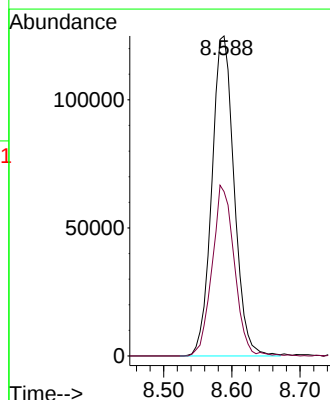
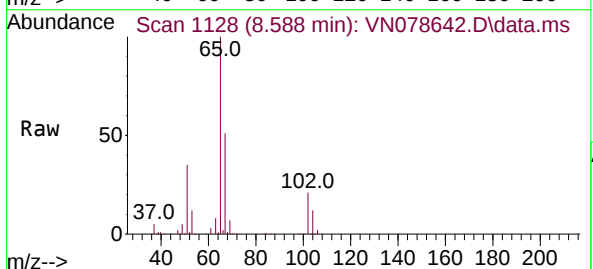
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

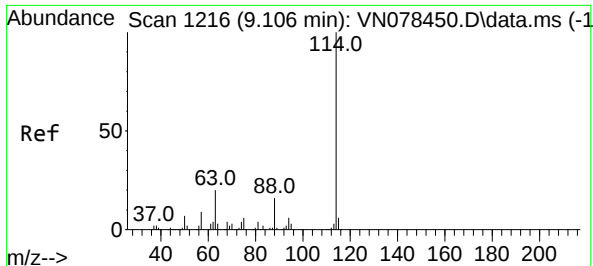
Tgt Ion:168 Resp: 455885
Ion Ratio Lower Upper
168 100
99 54.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.625 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078642.D
Acq: 25 Jul 2023 12:19

Tgt Ion: 65 Resp: 284954
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078642.D

Acq: 25 Jul 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBL01

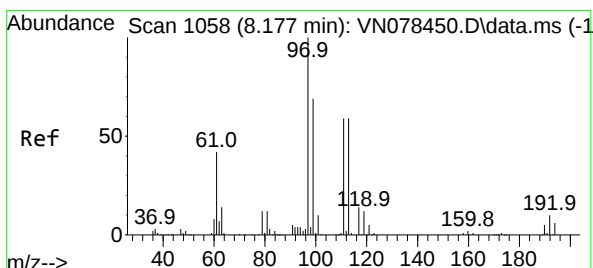
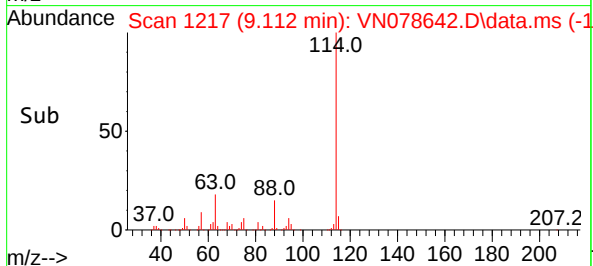
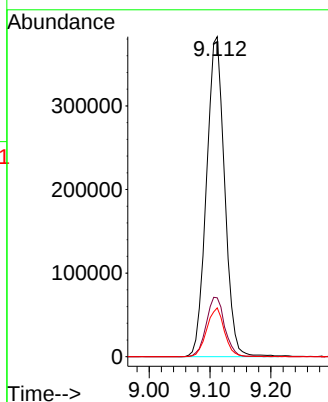
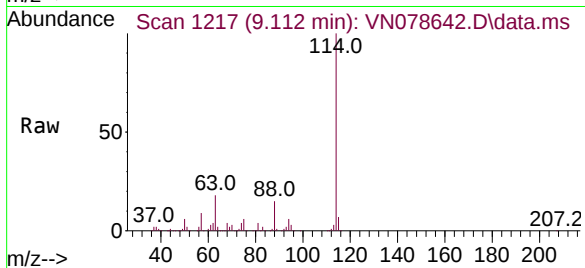
Tgt Ion:114 Resp: 790386

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.992 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078642.D

Acq: 25 Jul 2023 12:19

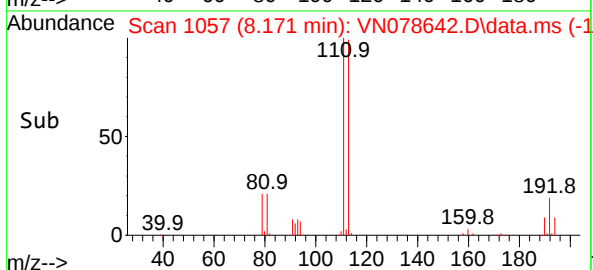
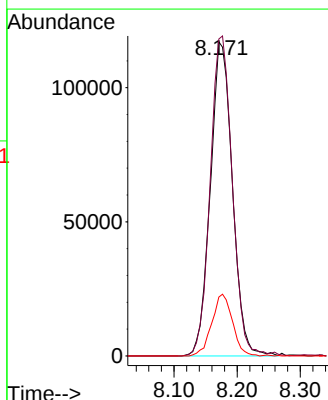
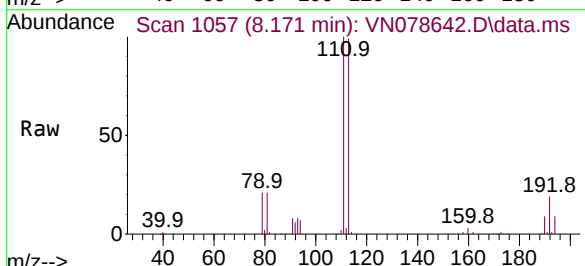
Tgt Ion:113 Resp: 284320

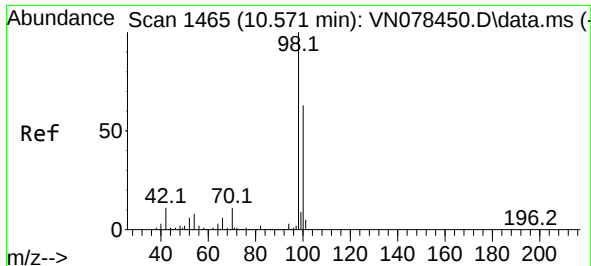
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 18.4 12.7 19.1

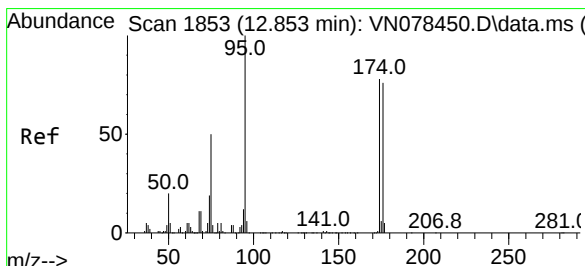
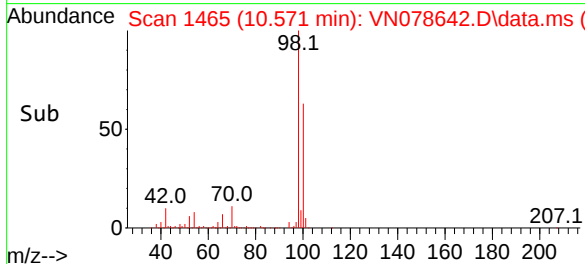
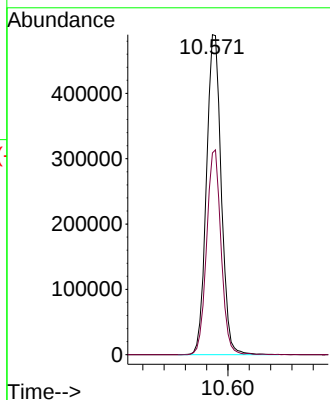
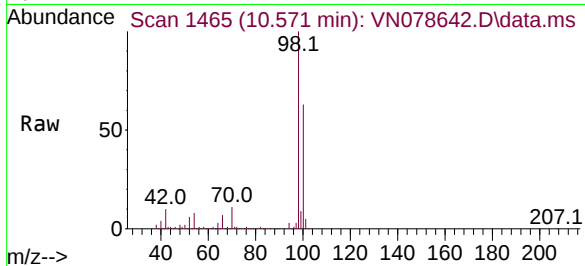




#50
Toluene-d8
Concen: 46.549 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078642.D
Acq: 25 Jul 2023 12:19

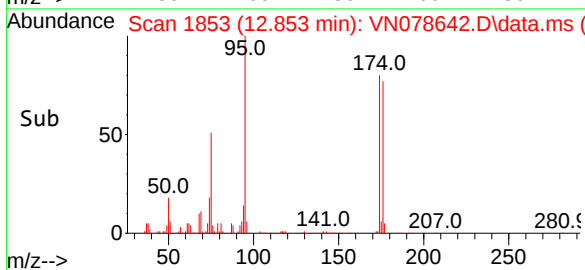
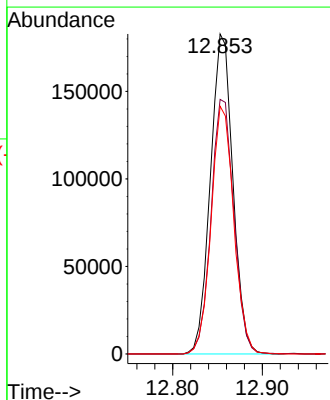
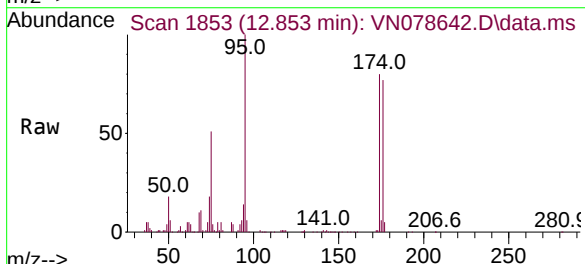
Instrument :
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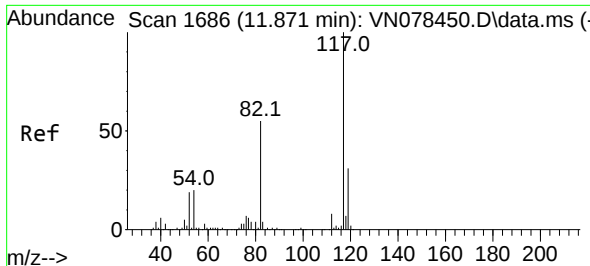
Tgt Ion: 98 Resp: 943485
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.028 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078642.D
Acq: 25 Jul 2023 12:19

Tgt Ion: 95 Resp: 318581
Ion Ratio Lower Upper
95 100
174 80.6 0.0 143.8
176 78.0 0.0 135.8

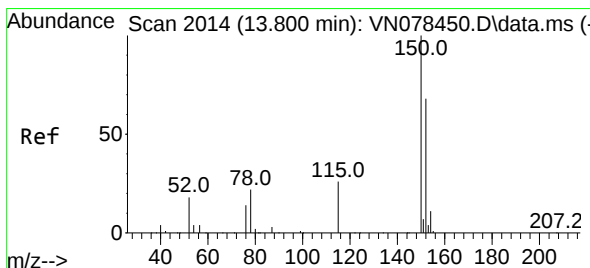
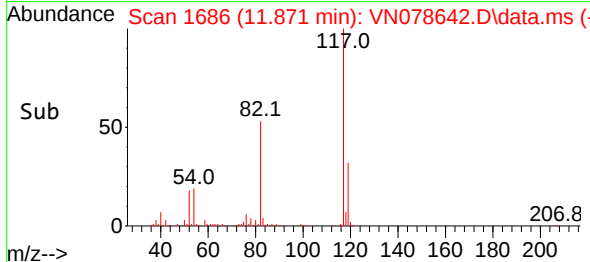
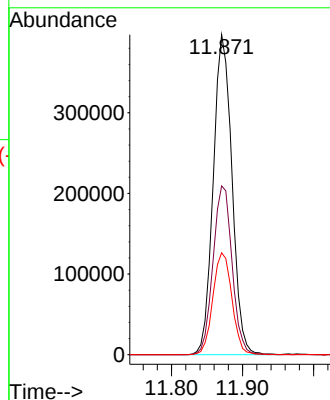
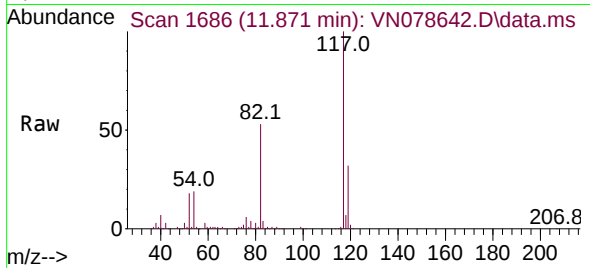




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078642.D
Acq: 25 Jul 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

Tgt Ion:117 Resp: 725421
Ion Ratio Lower Upper
117 100
82 52.7 44.0 66.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VN078642.D
Acq: 25 Jul 2023 12:19

Tgt Ion:152 Resp: 257999
Ion Ratio Lower Upper
152 100
115 58.6 32.3 96.8
150 157.4 0.0 355.8

