

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078700.D
 Acq On : 31 Jul 2023 12:51
 Operator : JC\MD
 Sample : VN0731WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBL01

Quant Time: Aug 01 01:15:34 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	689068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1192284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1070890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	381802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	423426	45.837	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.680%
35) Dibromofluoromethane	8.177	113	419362	51.814	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.620%
50) Toluene-d8	10.571	98	1474976	48.241	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.853	95	495435	52.606	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.220%

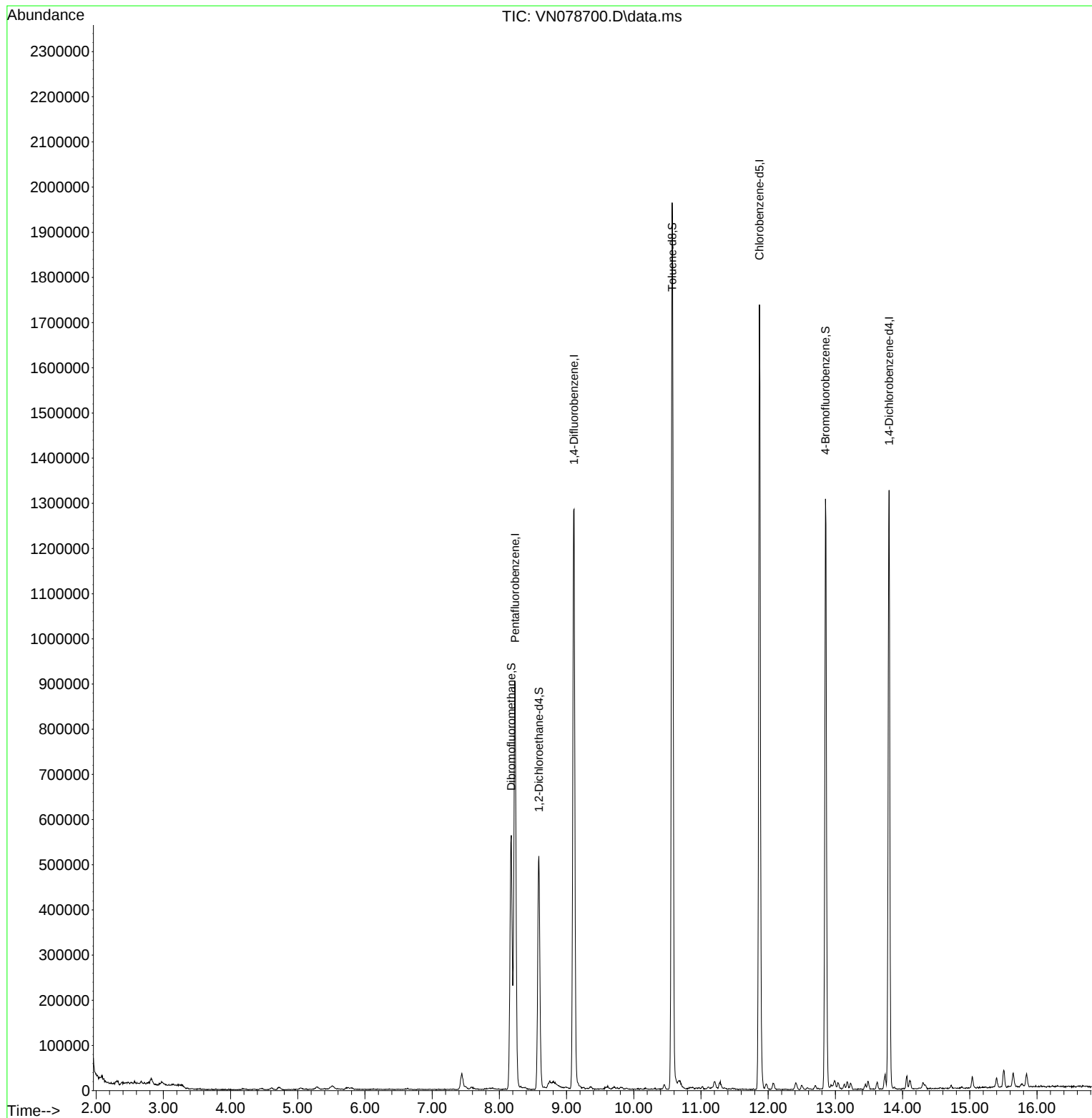
Target Compounds	Qvalue

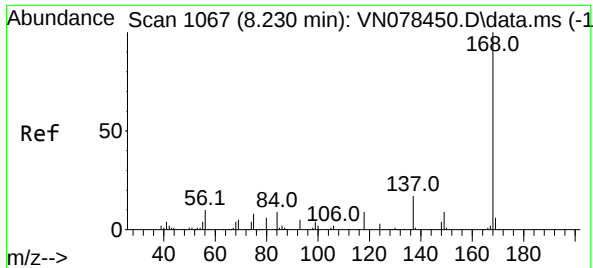
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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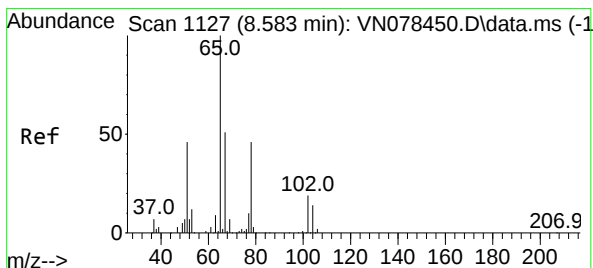
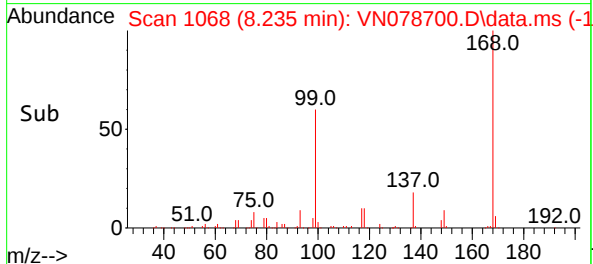
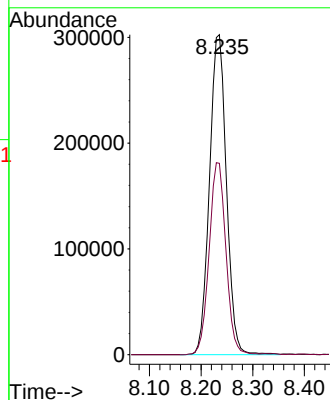
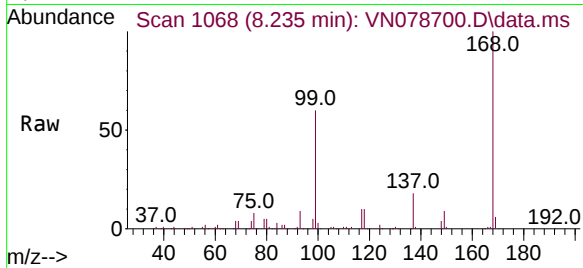




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

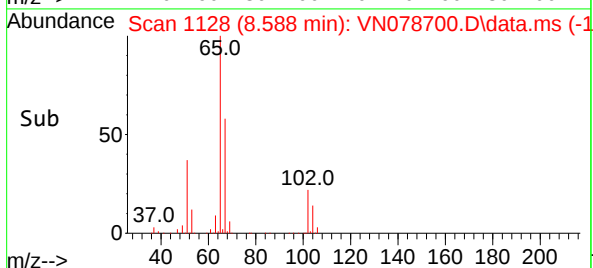
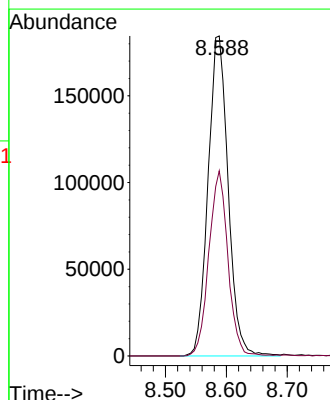
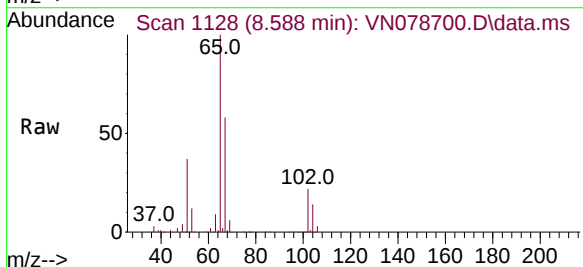
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

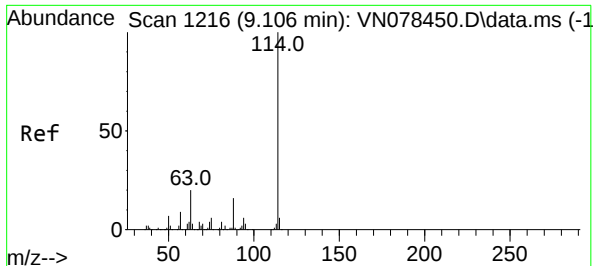
Tgt Ion:168 Resp: 689068
Ion Ratio Lower Upper
168 100
99 59.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.837 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 65 Resp: 423426
Ion Ratio Lower Upper
65 100
67 54.8 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: VN078700.D

Acq: 31 Jul 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBL01

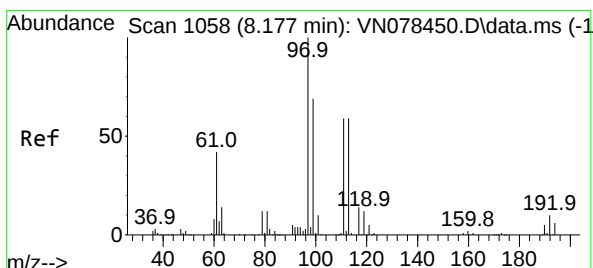
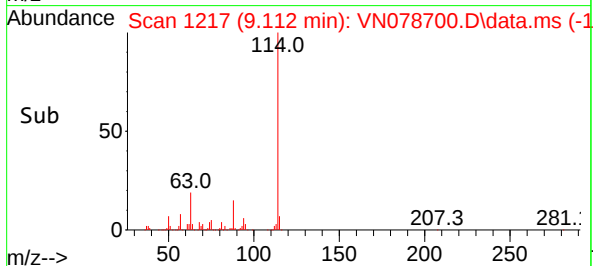
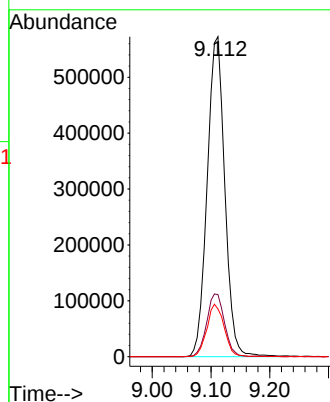
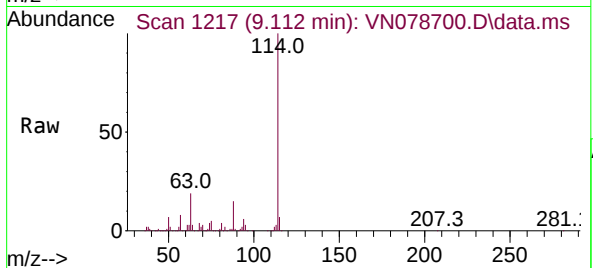
Tgt Ion:114 Resp: 1192284

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.814 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

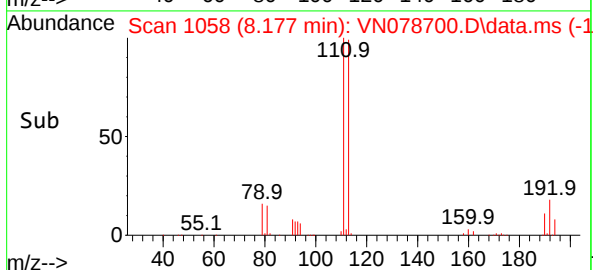
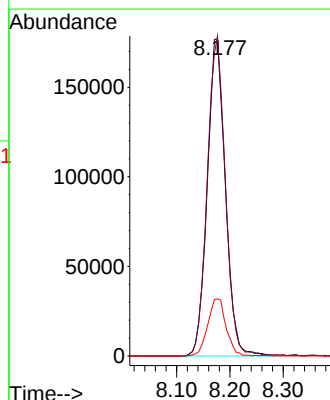
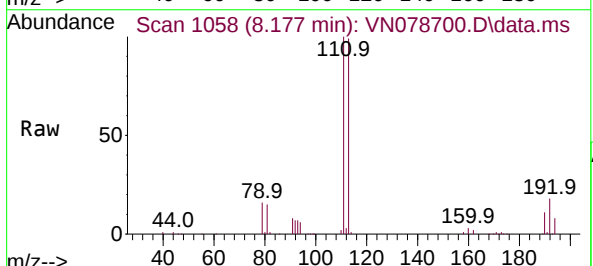
Tgt Ion:113 Resp: 419362

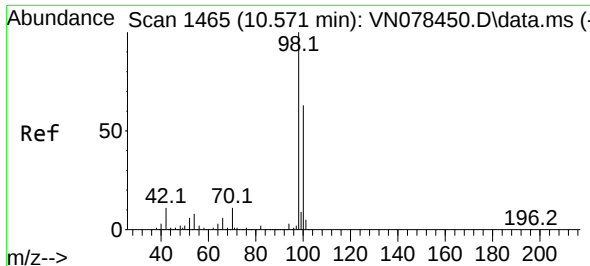
Ion Ratio Lower Upper

113 100

111 100.8 82.6 123.8

192 18.2 12.7 19.1

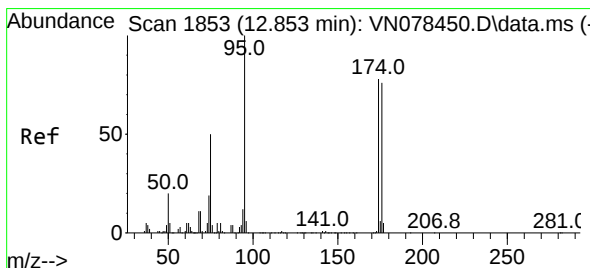
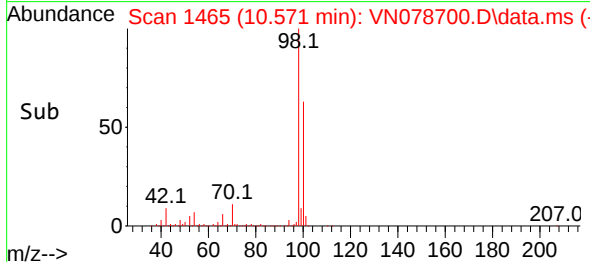
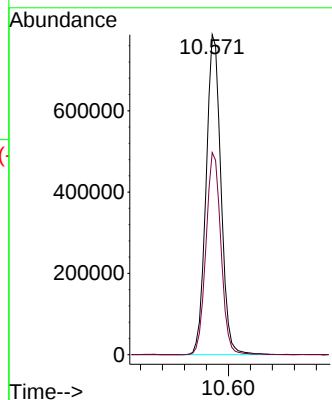
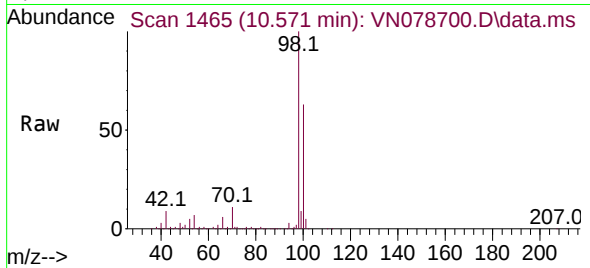




#50
Toluene-d8
Concen: 48.241 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

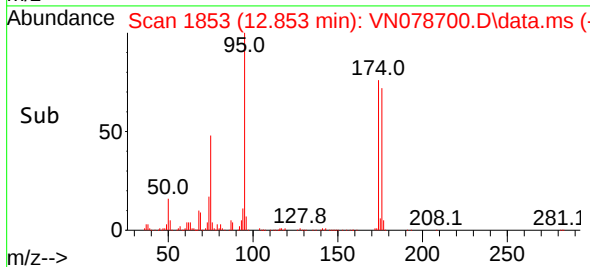
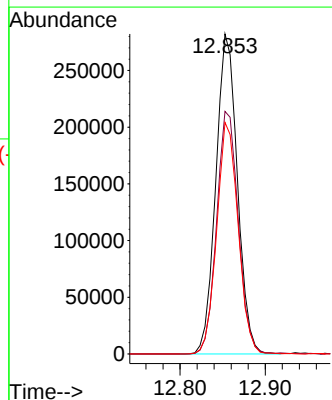
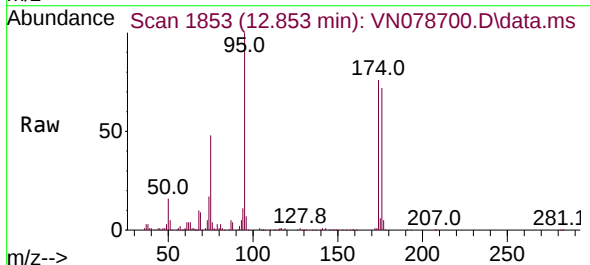
Instrument :
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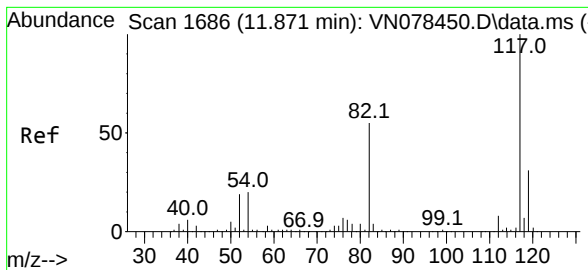
Tgt Ion: 98 Resp: 1474976
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.606 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 95 Resp: 495435
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 72.0 0.0 135.8

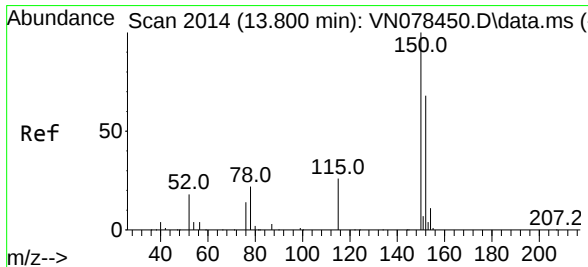
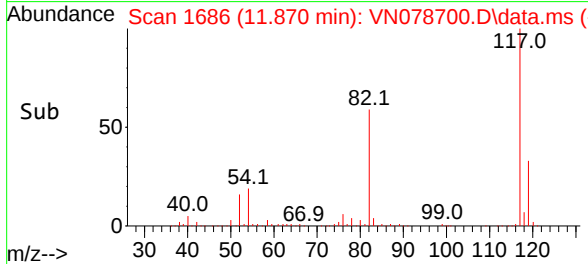
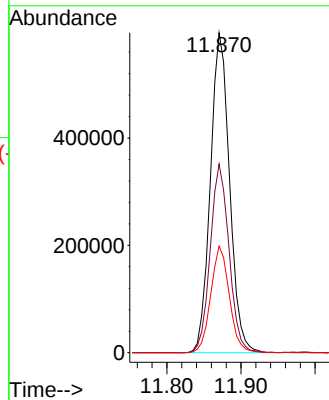
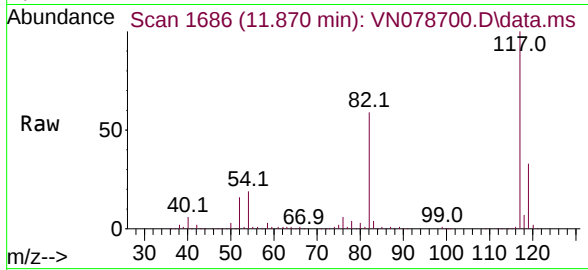




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

Tgt Ion:117 Resp: 1070890
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 33.3 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: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion:152 Resp: 381802
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 155.5 0.0 355.8

