

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078534.D
 Acq On : 17 Jul 2023 11:08
 Operator : JC\MD
 Sample : VN0717MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBL01

Quant Time: Jul 18 04:19:04 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	411336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	735700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	681994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	244772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	272957	49.499	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.000%
35) Dibromofluoromethane	8.177	113	278635	55.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.580%
50) Toluene-d8	10.576	98	854973	45.317	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.640%
62) 4-Bromofluorobenzene	12.859	95	299603	51.556	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.120%

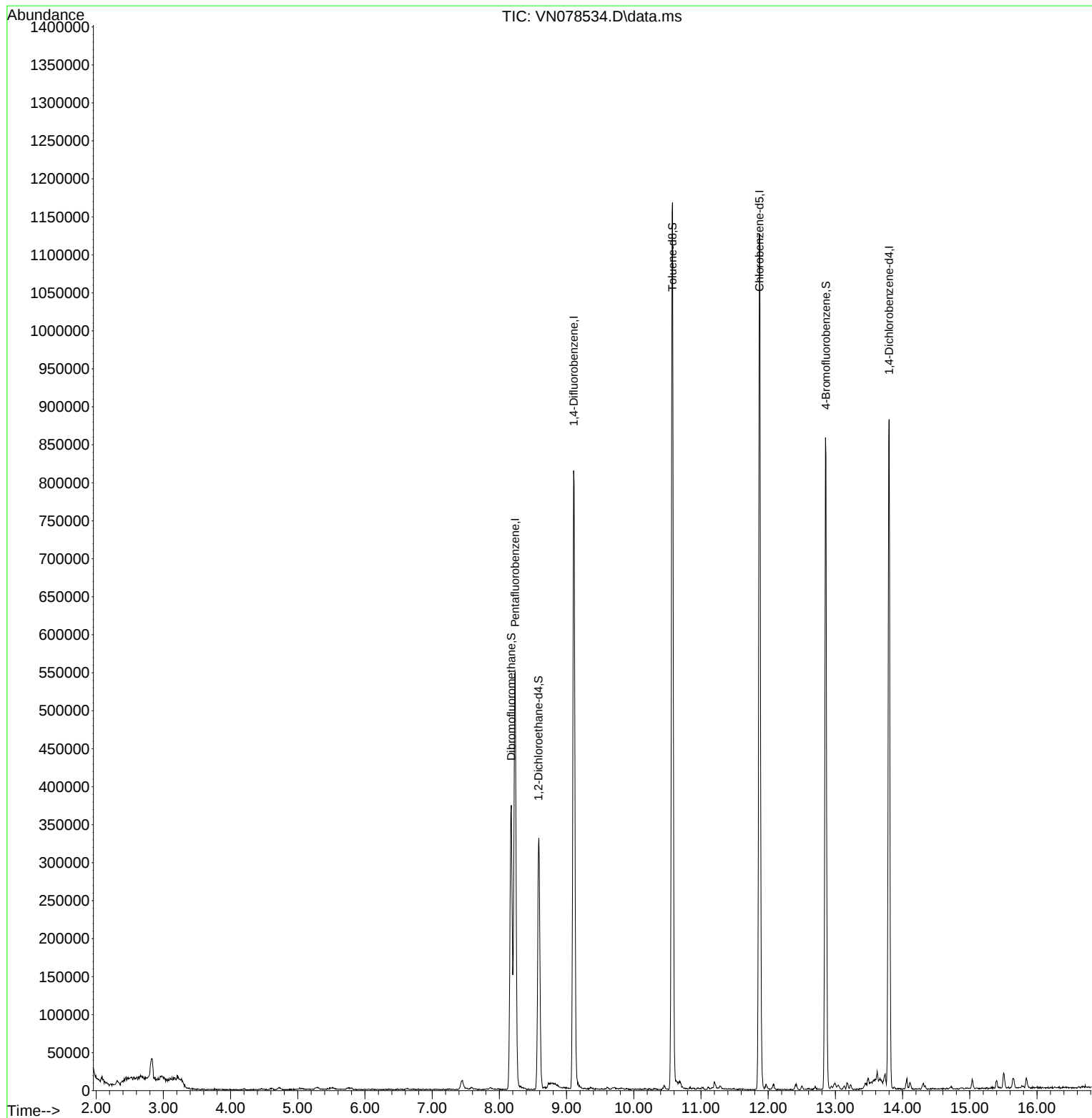
Target Compounds	Qvalue

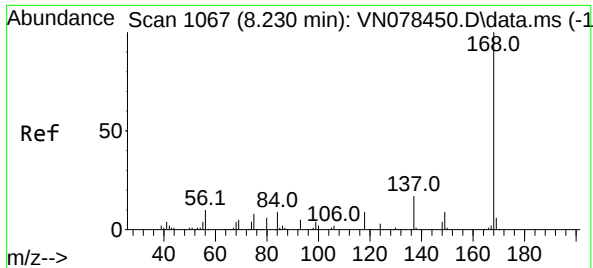
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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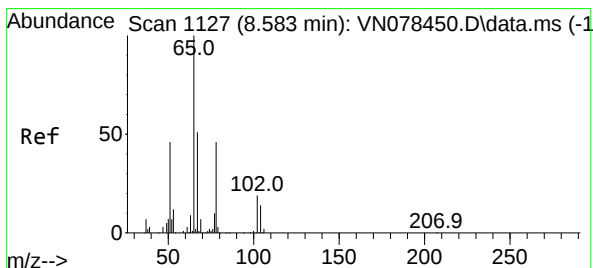
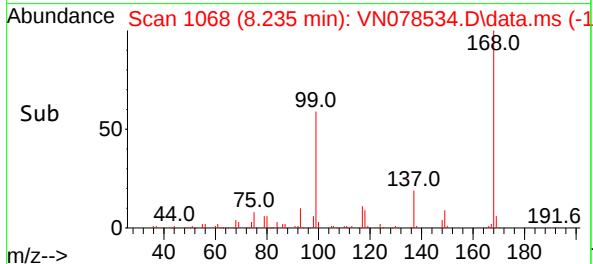
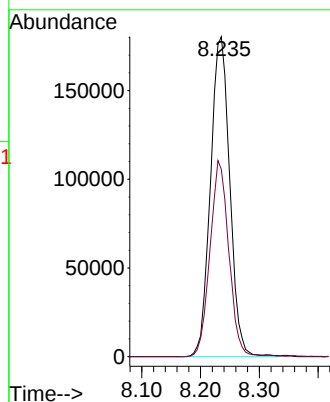
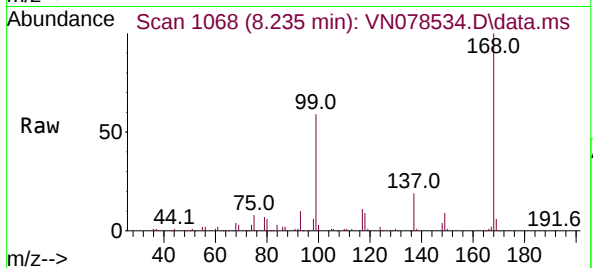




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

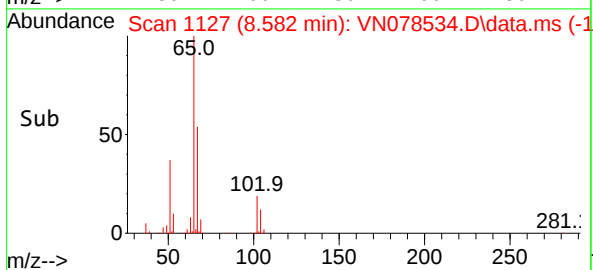
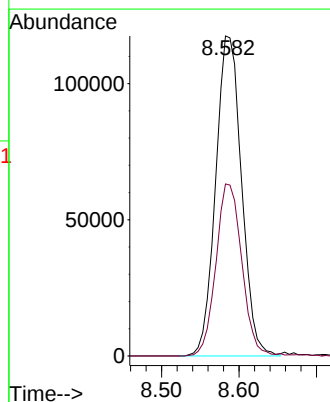
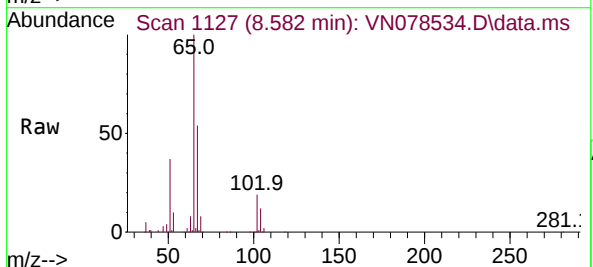
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

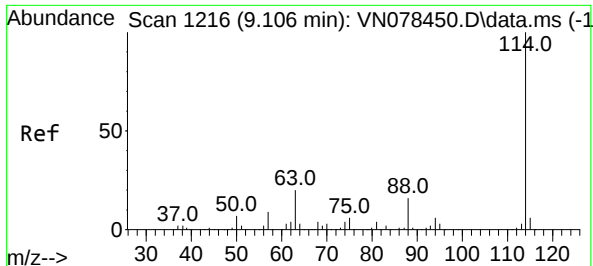
Tgt Ion:168 Resp: 411336
Ion Ratio Lower Upper
168 100
99 58.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.499 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion: 65 Resp: 272957
Ion Ratio Lower Upper
65 100
67 54.0 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: VN078534.D

Acq: 17 Jul 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBL01

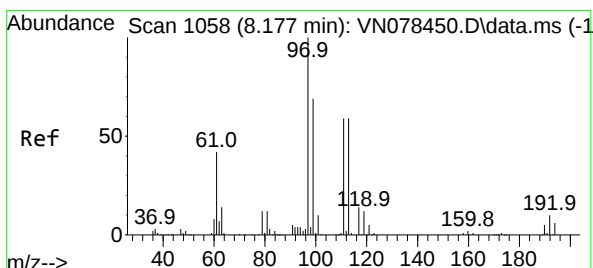
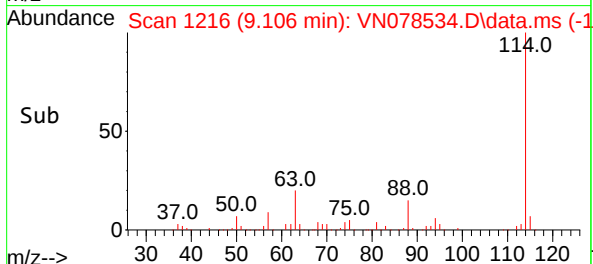
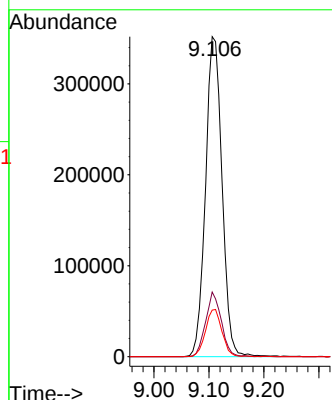
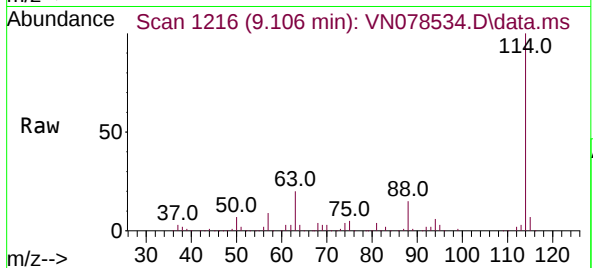
Tgt Ion:114 Resp: 735700

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.792 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078534.D

Acq: 17 Jul 2023 11:08

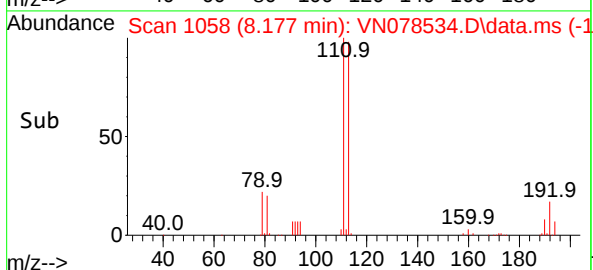
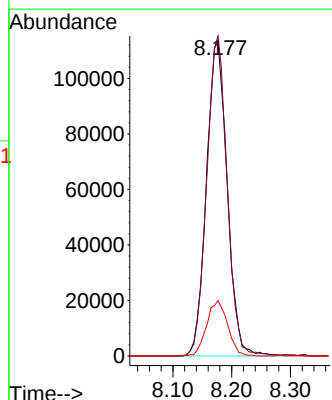
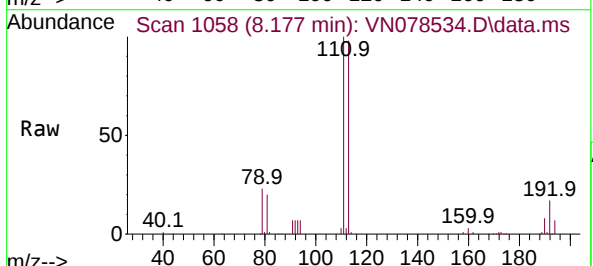
Tgt Ion:113 Resp: 278635

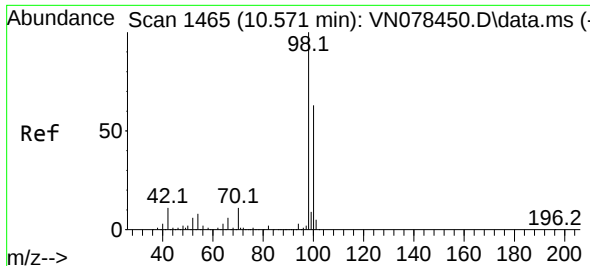
Ion Ratio Lower Upper

113 100

111 100.1 82.6 123.8

192 17.7 12.7 19.1

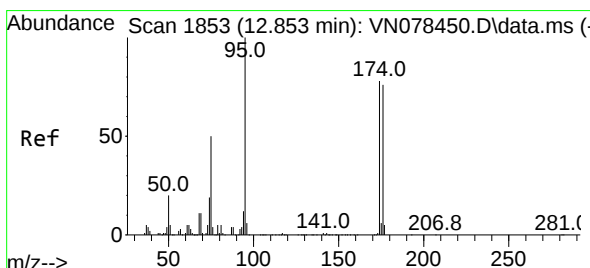
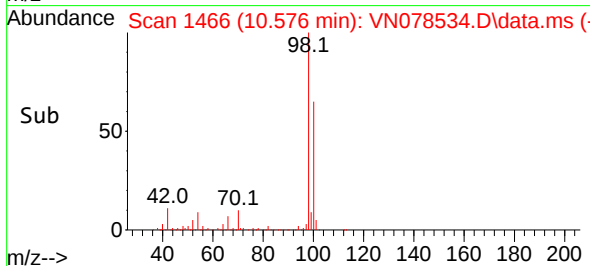
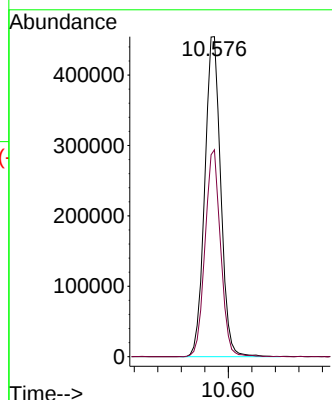
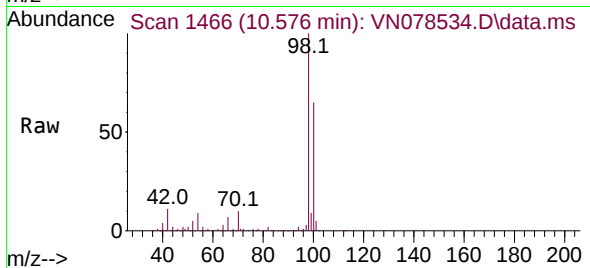




#50
Toluene-d8
Concen: 45.317 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

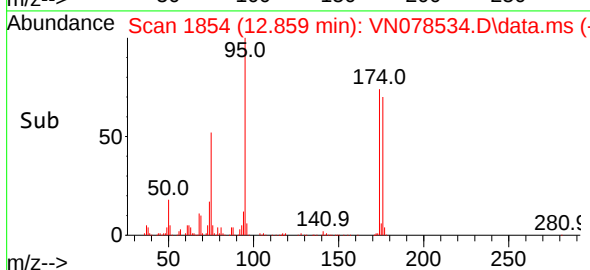
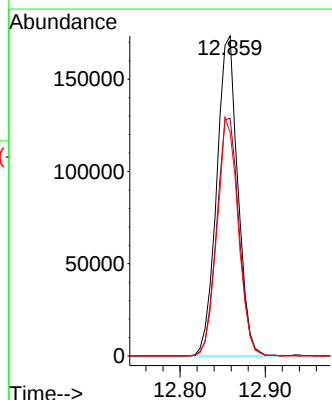
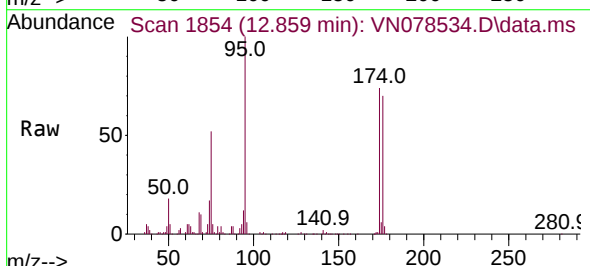
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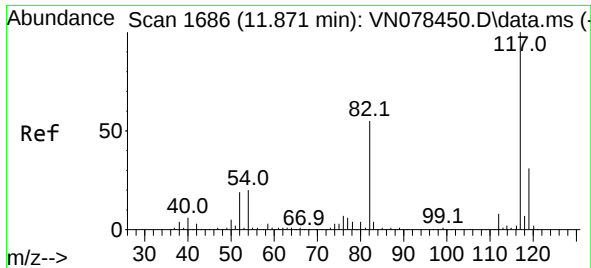
Tgt Ion: 98 Resp: 854973
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.556 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion: 95 Resp: 299603
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 74.4 0.0 135.8

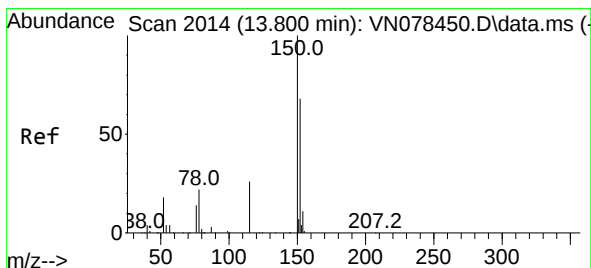
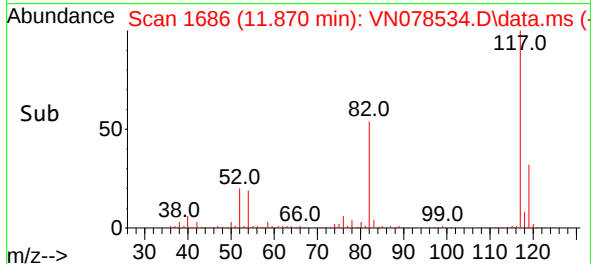
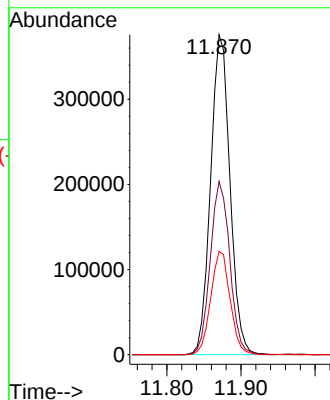
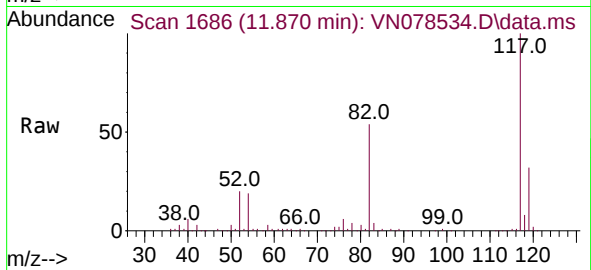




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

Tgt Ion:117 Resp: 681994
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 32.3 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: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion:152 Resp: 244772
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 157.4 0.0 355.8

