

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080268.D
 Acq On : 27 Nov 2023 11:40
 Operator : JC\MD
 Sample : VN1127WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBL01

Quant Time: Nov 28 02:06:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	164028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	298542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	317248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147660	54.520	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.040%	
35) Dibromofluoromethane	8.165	113	116604	52.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.860%	
50) Toluene-d8	10.571	98	399292	50.283	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.853	95	153938	51.323	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.640%	

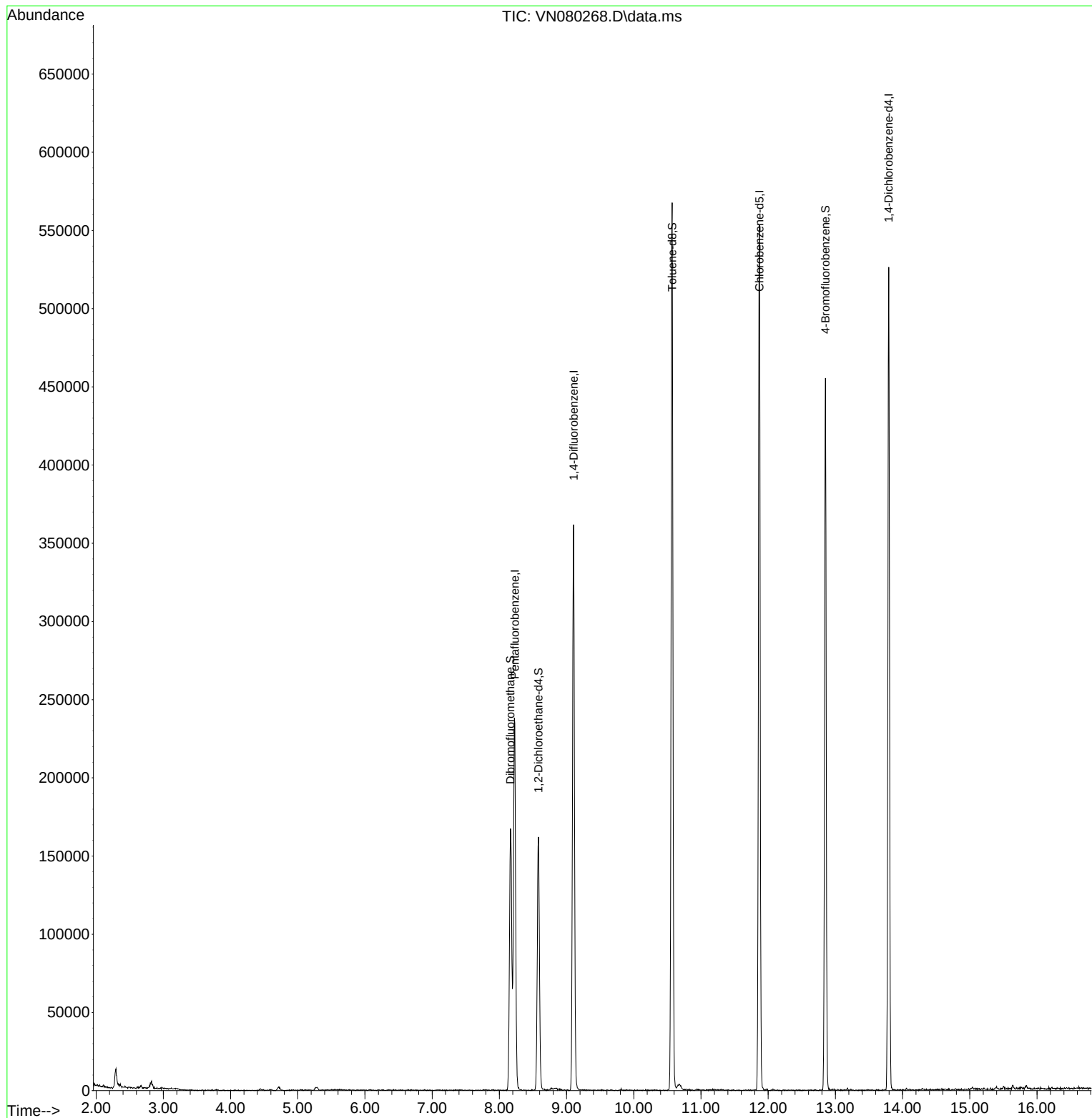
Target Compounds	Qvalue

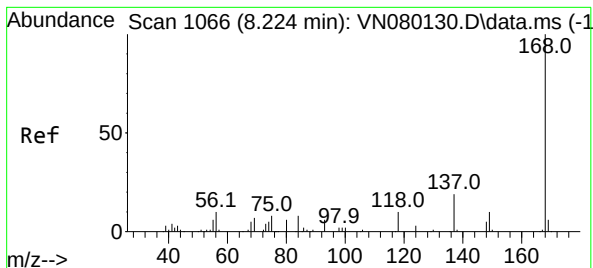
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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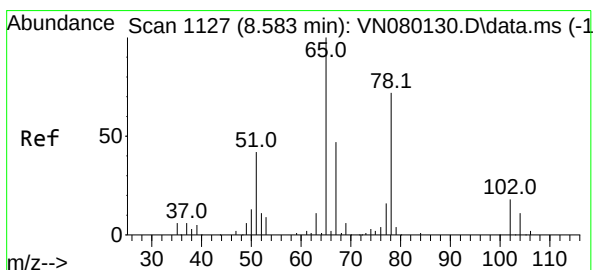
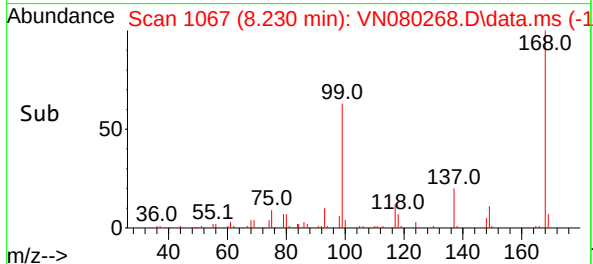
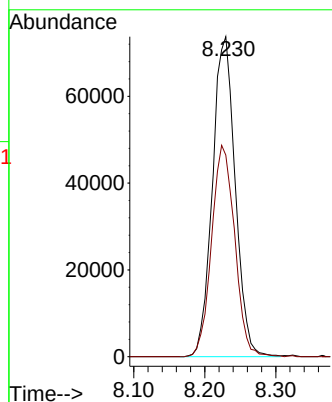
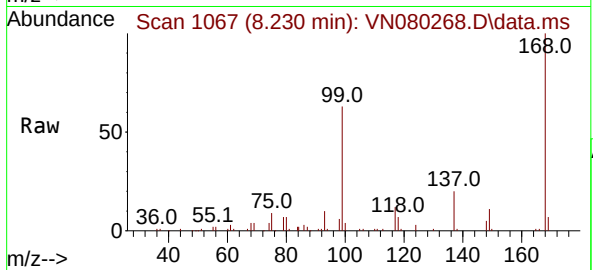




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080268.D
Acq: 27 Nov 2023 11:40

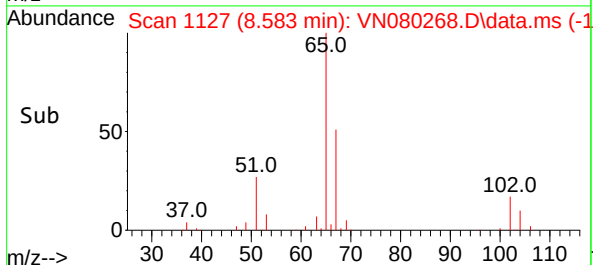
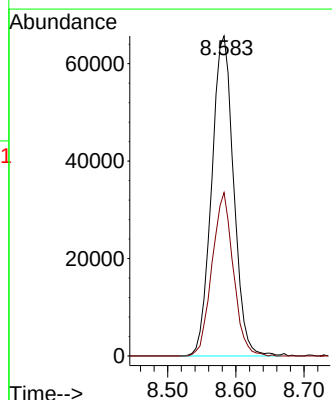
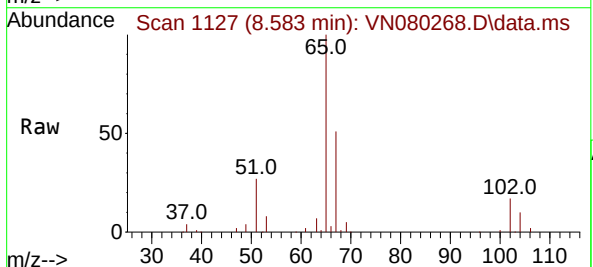
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBL01

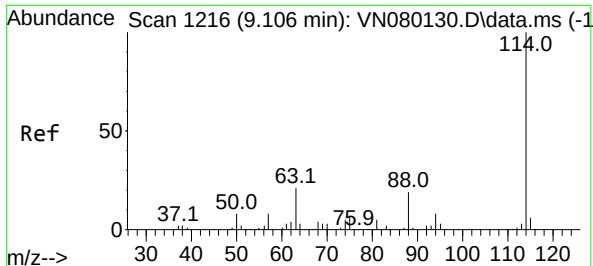
Tgt Ion:168 Resp: 164028
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.520 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080268.D
Acq: 27 Nov 2023 11:40

Tgt Ion: 65 Resp: 147660
Ion Ratio Lower Upper
65 100
67 49.3 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: VN080268.D

Acq: 27 Nov 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBL01

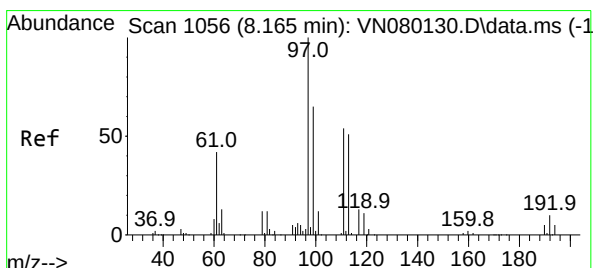
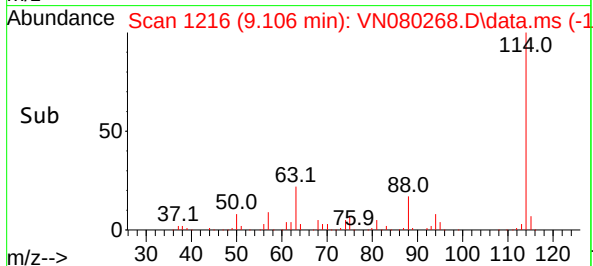
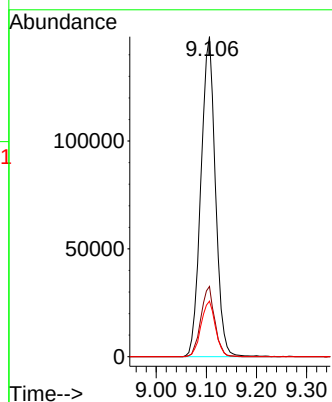
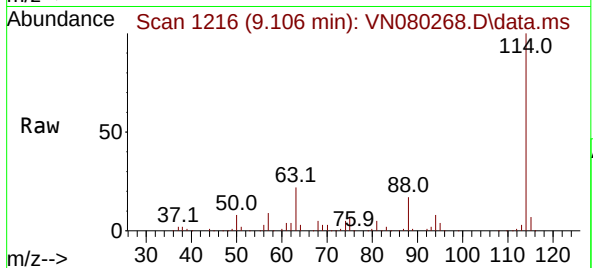
Tgt Ion:114 Resp: 298542

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 17.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.933 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080268.D

Acq: 27 Nov 2023 11:40

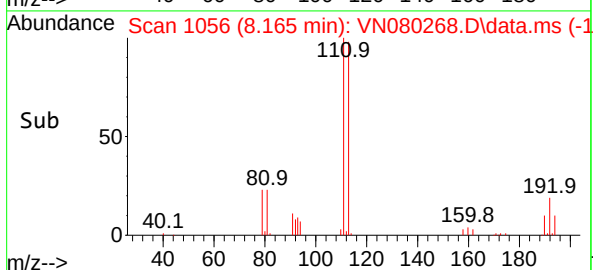
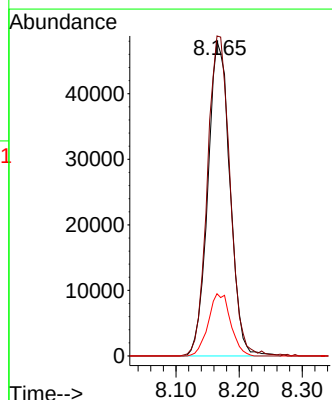
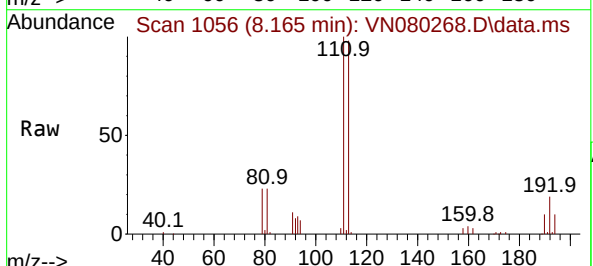
Tgt Ion:113 Resp: 116604

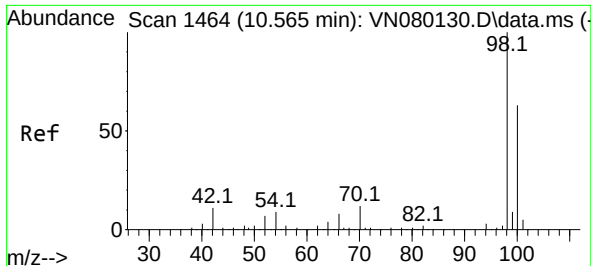
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 20.0 12.7 19.1#

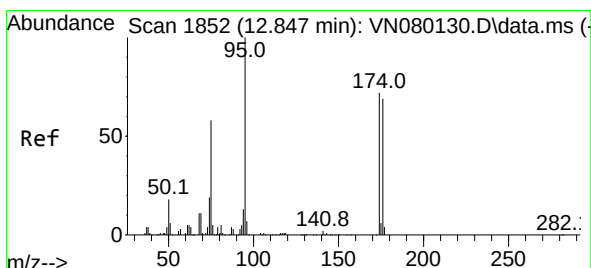
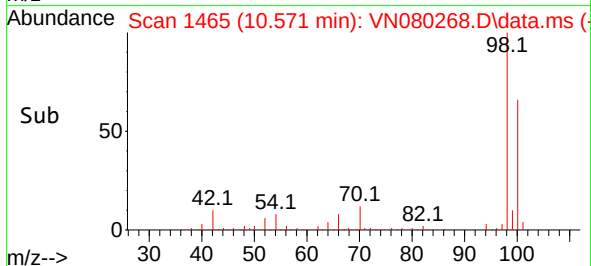
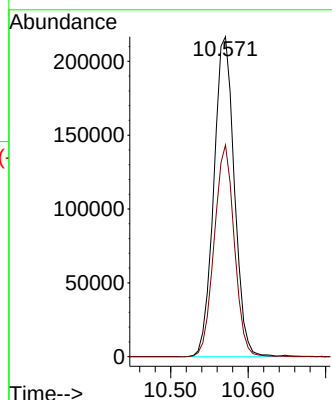
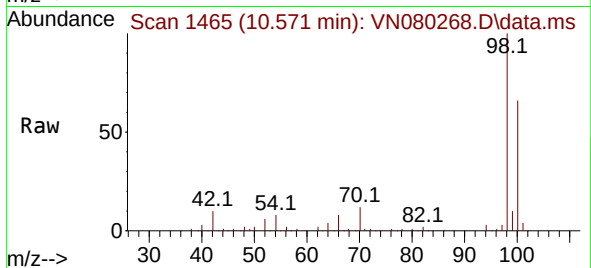




#50
Toluene-d8
Concen: 50.283 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080268.D
Acq: 27 Nov 2023 11:40

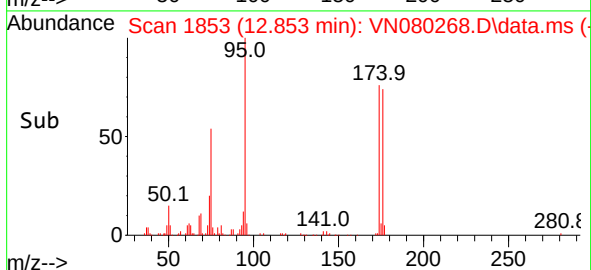
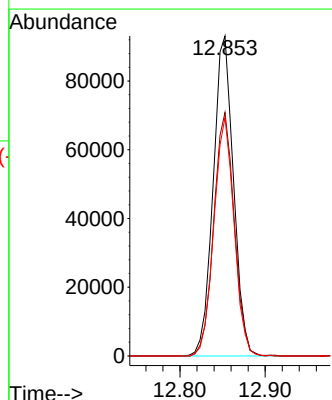
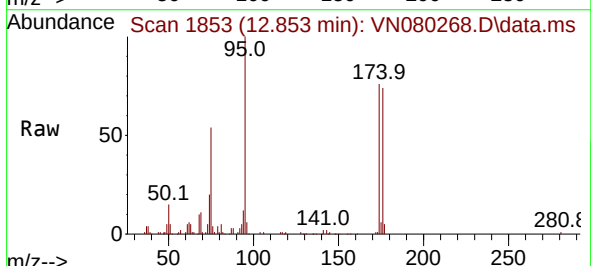
Instrument :
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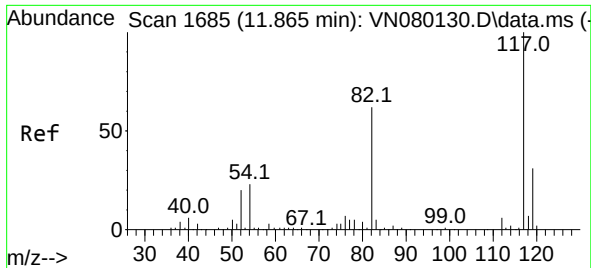
Tgt Ion: 98 Resp: 399292
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.323 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080268.D
Acq: 27 Nov 2023 11:40

Tgt Ion: 95 Resp: 153938
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 74.0 0.0 135.8

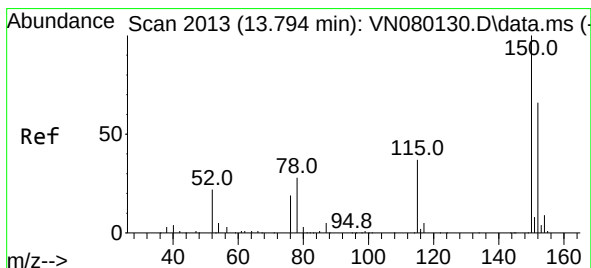
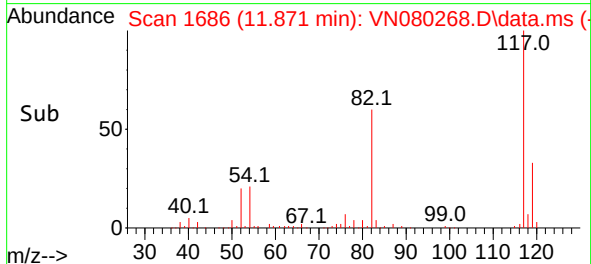
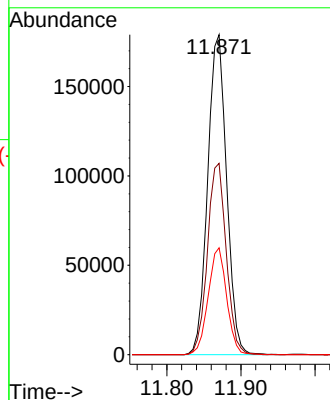
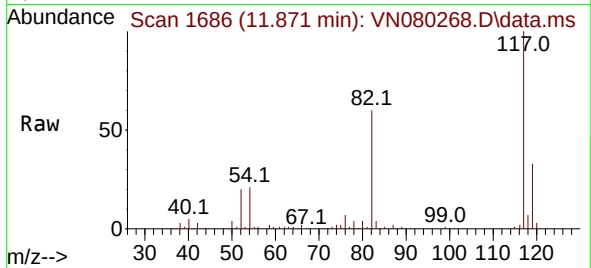




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080268.D
Acq: 27 Nov 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBL01

Tgt Ion:117 Resp: 317248
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 33.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080268.D
Acq: 27 Nov 2023 11:40

Tgt Ion:152 Resp: 140364
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 157.1 0.0 355.8

