

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080378.D
 Acq On : 06 Dec 2023 11:50
 Operator : JC\MD
 Sample : VN1206WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBL01

Quant Time: Dec 07 00:56:14 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	8.224	168	174815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	337917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145190	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	150397	52.104	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.200%
35) Dibromofluoromethane	8.165	113	121344	52.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	10.571	98	419137	50.001	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.853	95	157339	49.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.380%

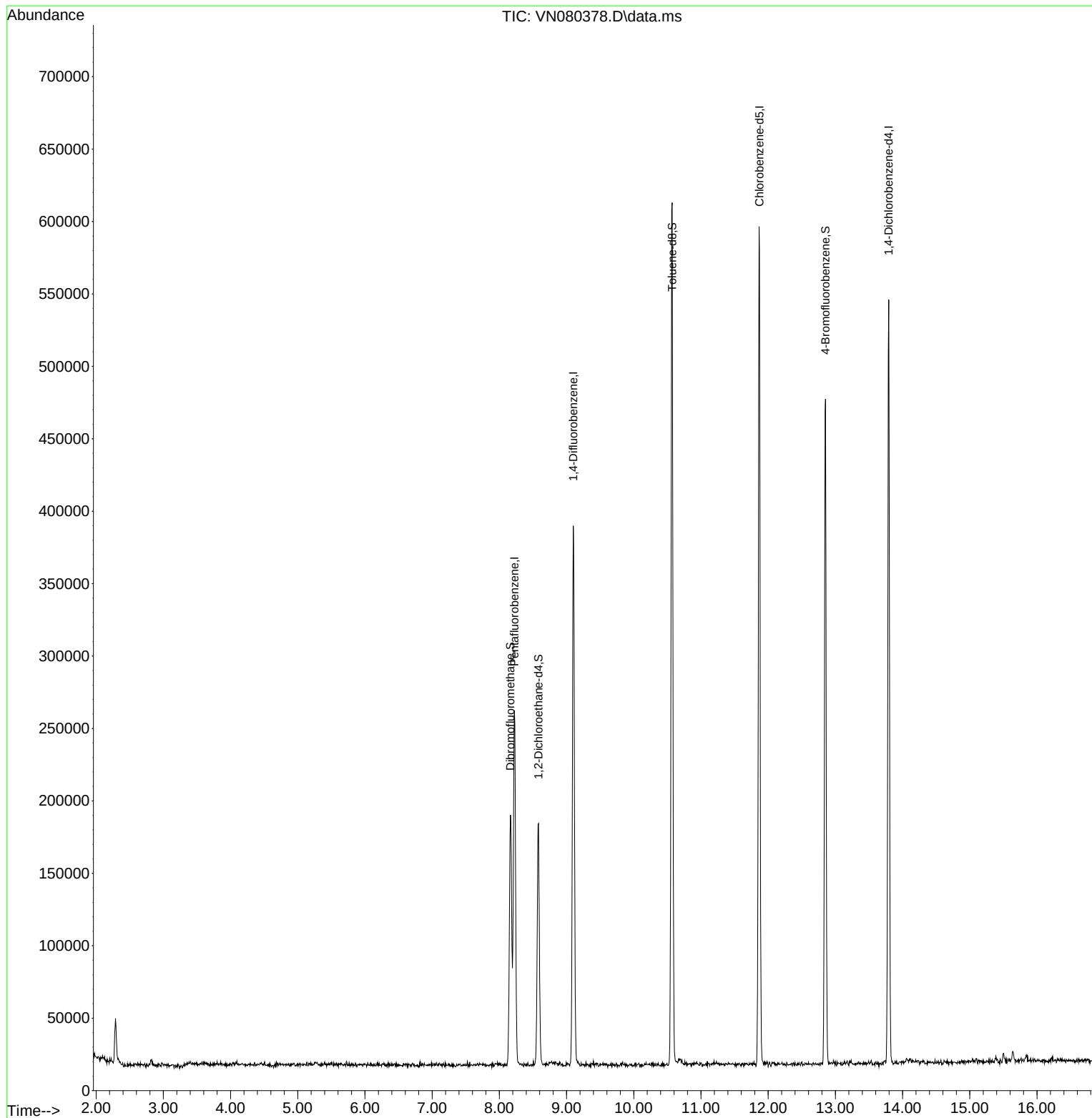
Target Compounds	Qvalue

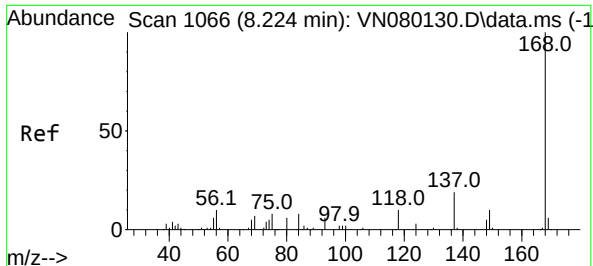
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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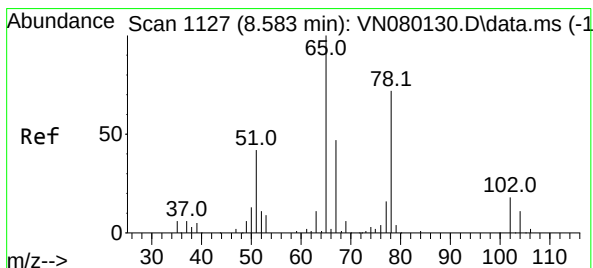
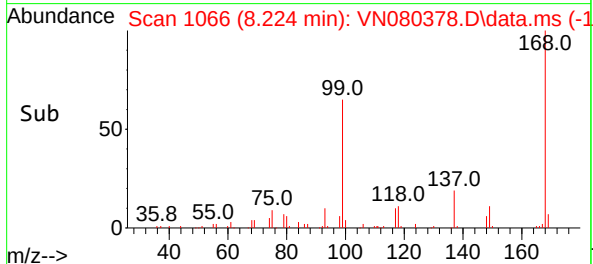
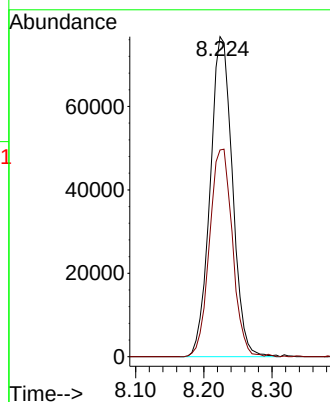
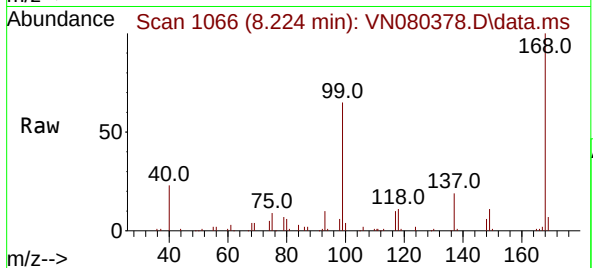




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080378.D
Acq: 06 Dec 2023 11:50

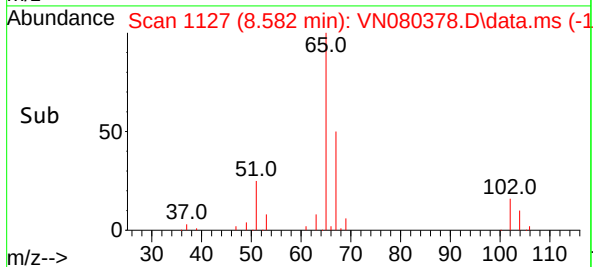
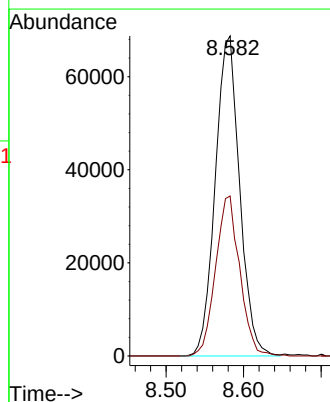
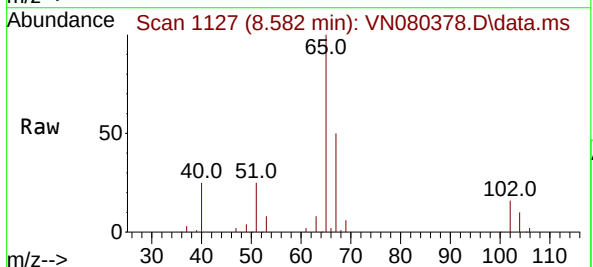
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBL01

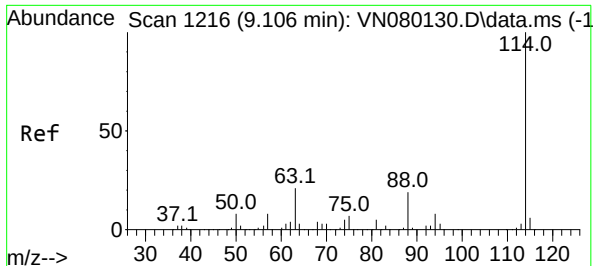
Tgt Ion:168 Resp: 174815
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.104 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080378.D
Acq: 06 Dec 2023 11:50

Tgt Ion: 65 Resp: 150397
Ion Ratio Lower Upper
65 100
67 49.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080378.D

Acq: 06 Dec 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBL01

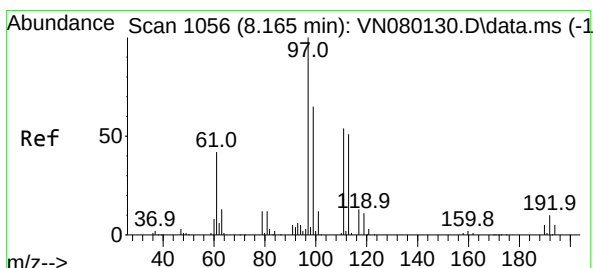
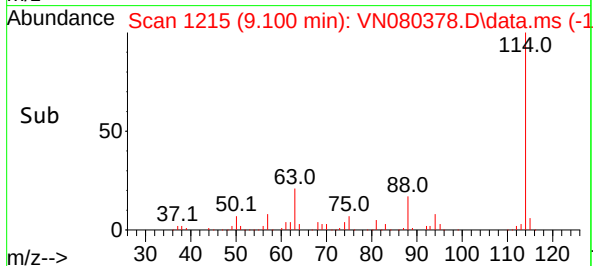
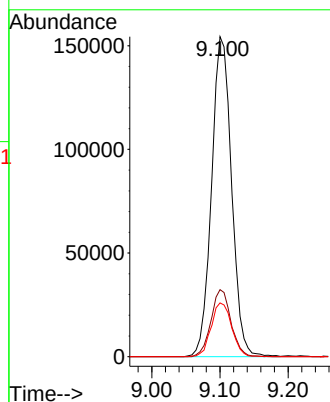
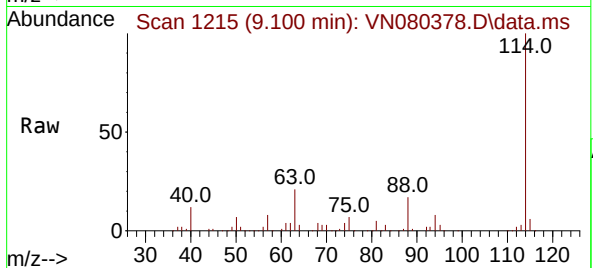
Tgt Ion:114 Resp: 315153

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 16.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.182 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080378.D

Acq: 06 Dec 2023 11:50

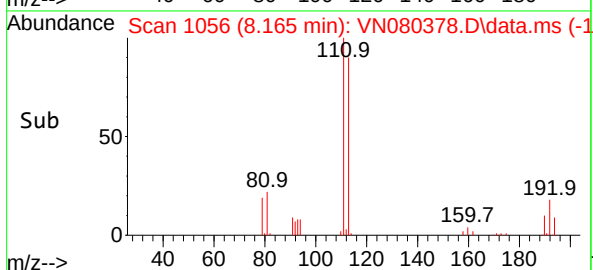
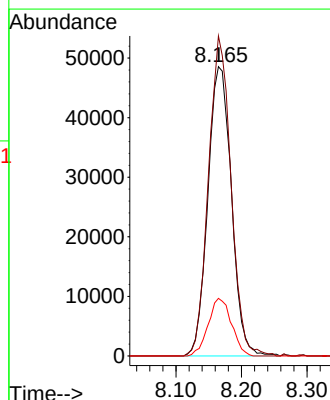
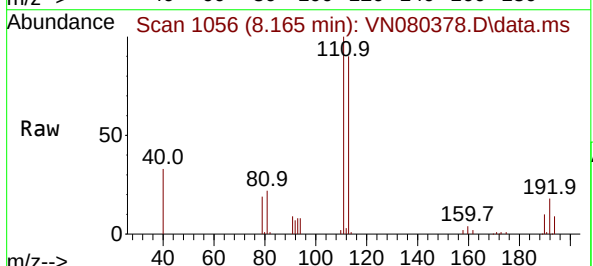
Tgt Ion:113 Resp: 121344

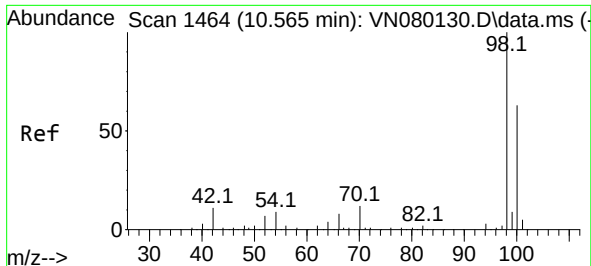
Ion Ratio Lower Upper

113 100

111 105.6 82.6 123.8

192 19.7 12.7 19.1#

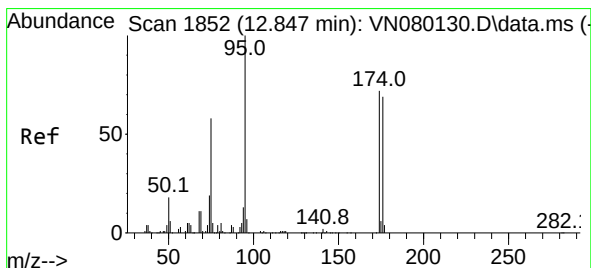
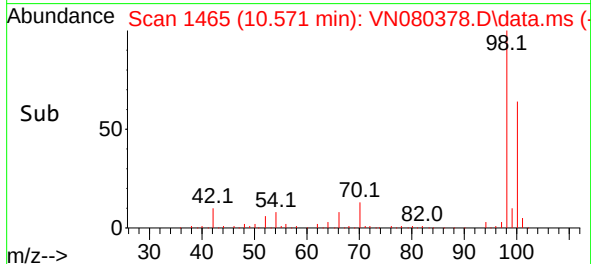
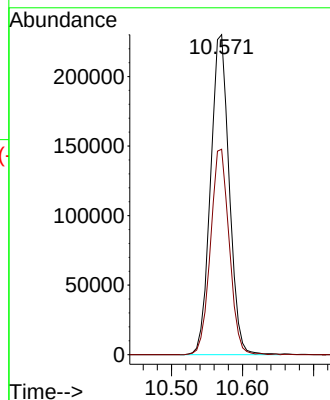
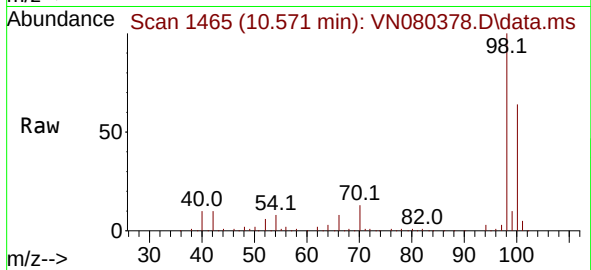




#50
Toluene-d8
Concen: 50.001 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080378.D
Acq: 06 Dec 2023 11:50

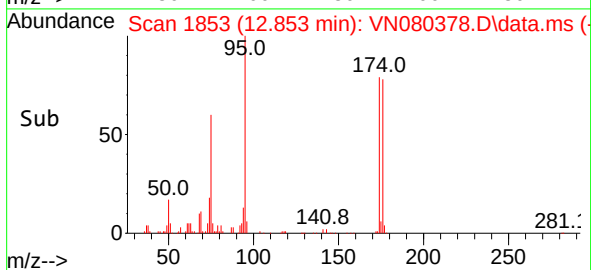
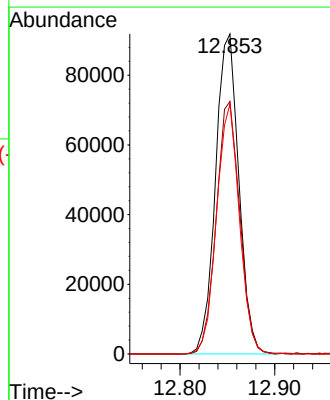
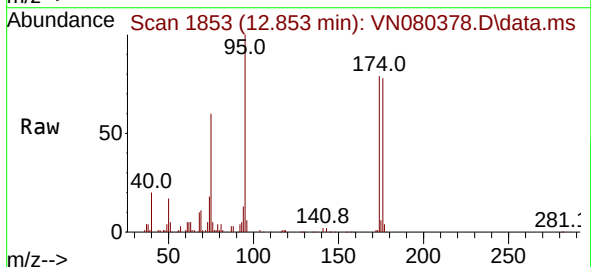
Instrument :
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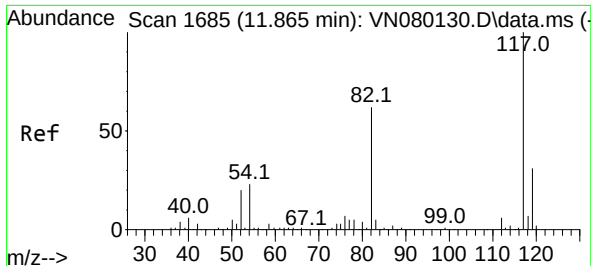
Tgt Ion: 98 Resp: 419137
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.692 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080378.D
Acq: 06 Dec 2023 11:50

Tgt Ion: 95 Resp: 157339
Ion Ratio Lower Upper
95 100
174 79.4 0.0 143.8
176 76.4 0.0 135.8

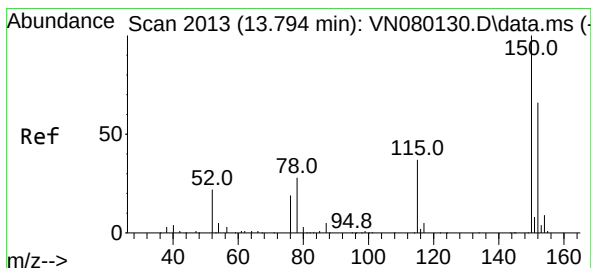
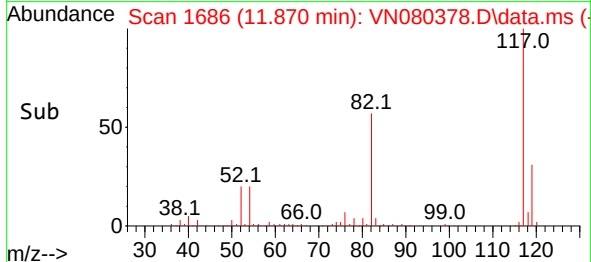
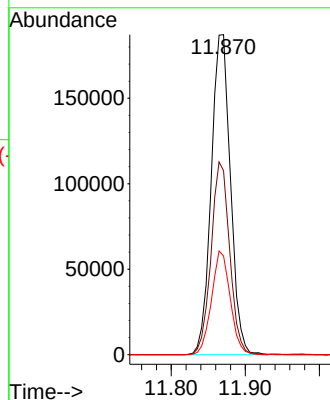
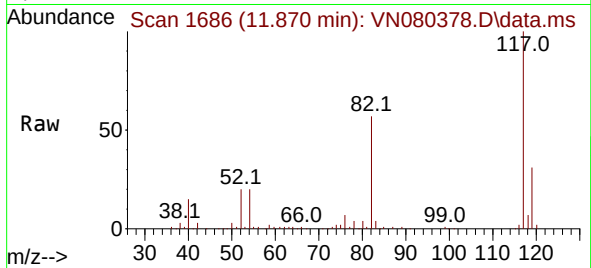




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080378.D
Acq: 06 Dec 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBL01

Tgt Ion:117 Resp: 337917
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 30.8 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: VN080378.D
Acq: 06 Dec 2023 11:50

Tgt Ion:152 Resp: 145190
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 157.6 0.0 355.8

