

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079436.D
 Acq On : 06 Oct 2023 10:21
 Operator : JC\MD
 Sample : VN1006WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBL01

Quant Time: Oct 06 23:00:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	219838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	408553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	351961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	94388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	204403	57.344	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.680%	
35) Dibromofluoromethane	8.171	113	157364	53.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.200%	
50) Toluene-d8	10.571	98	546261	51.421	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.840%	
62) 4-Bromofluorobenzene	12.853	95	136071	39.912	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 79.820%#	

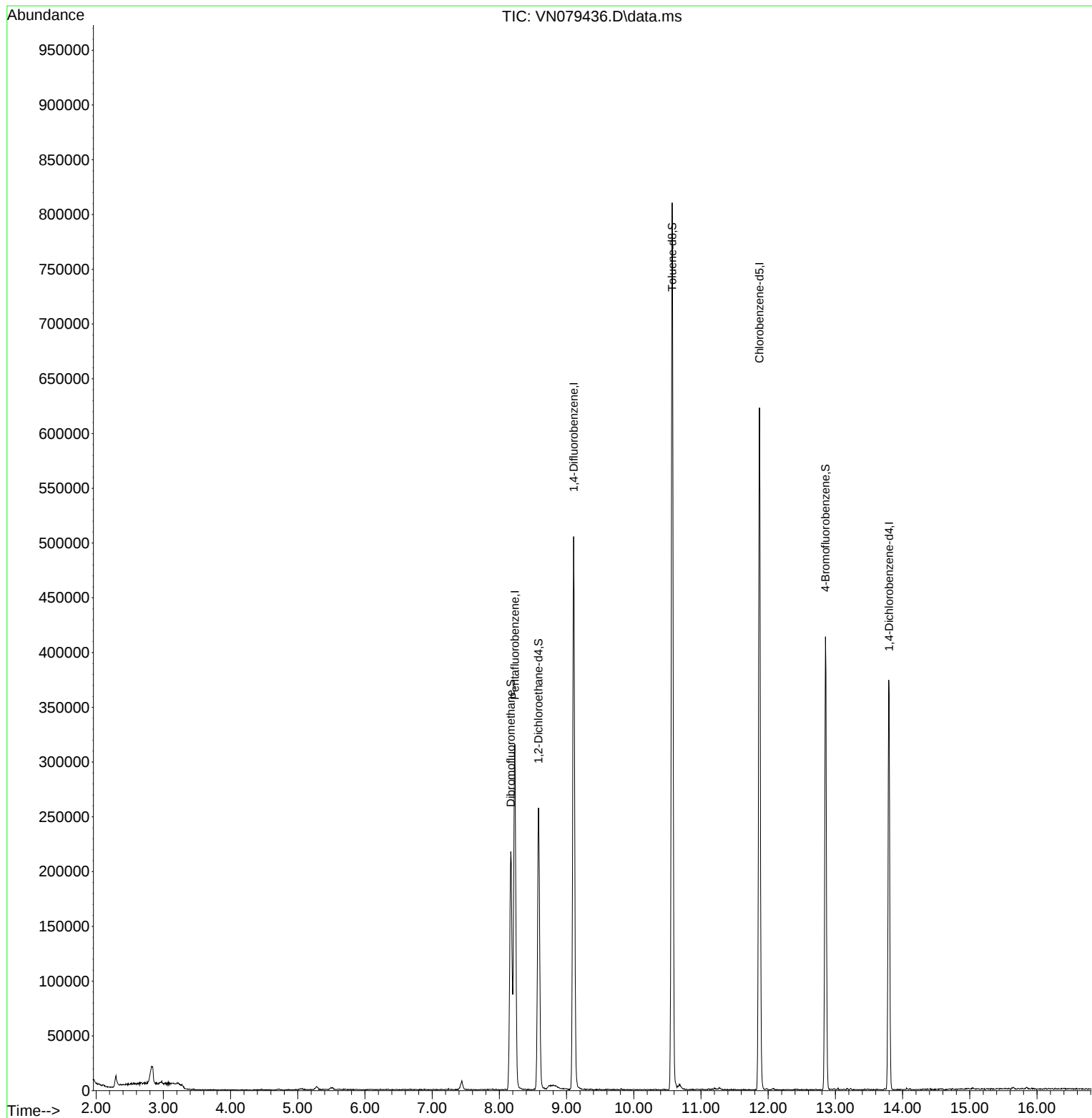
Target Compounds	Qvalue

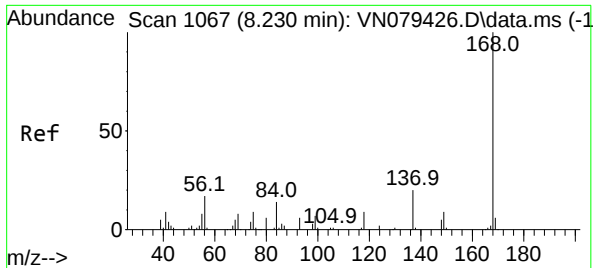
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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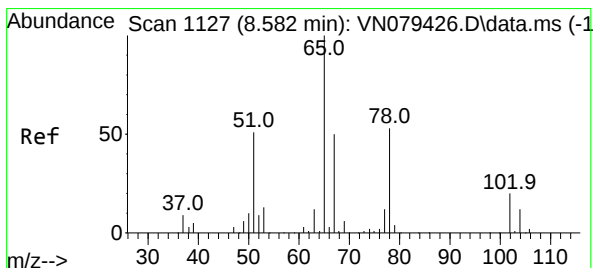
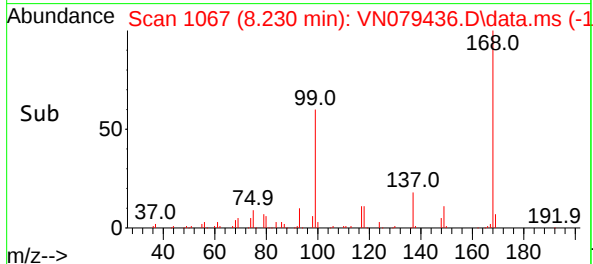
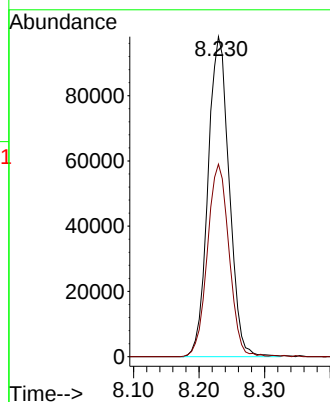
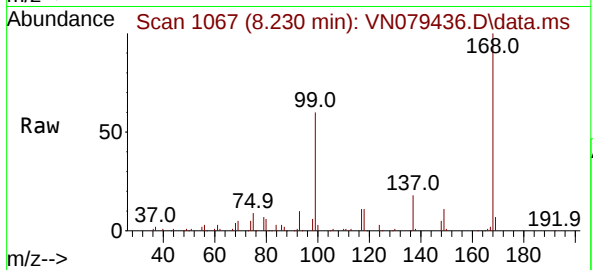




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079436.D
Acq: 06 Oct 2023 10:21

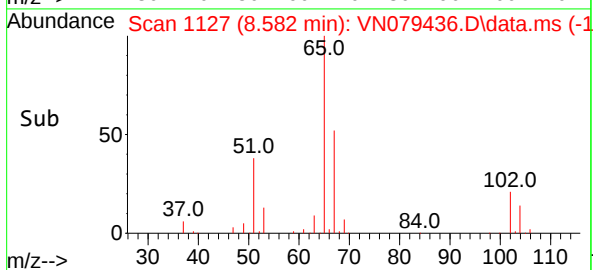
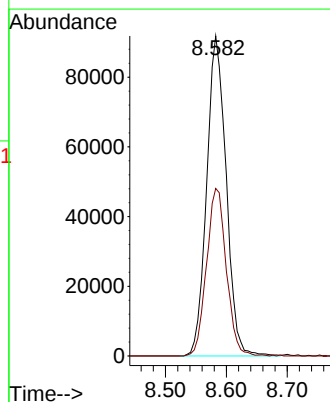
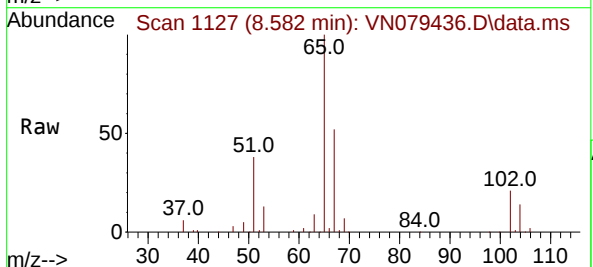
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

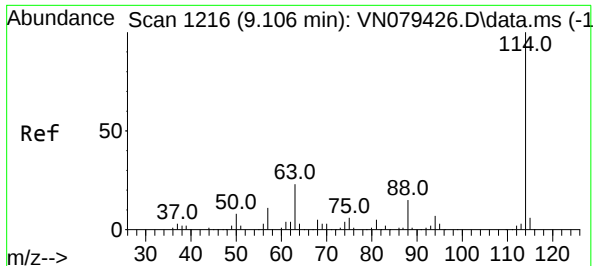
Tgt Ion:168 Resp: 219838
Ion Ratio Lower Upper
168 100
99 60.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.344 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079436.D
Acq: 06 Oct 2023 10:21

Tgt Ion: 65 Resp: 204403
Ion Ratio Lower Upper
65 100
67 53.1 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: VN079436.D

Acq: 06 Oct 2023 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBL01

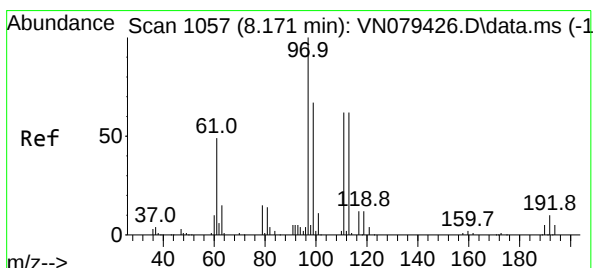
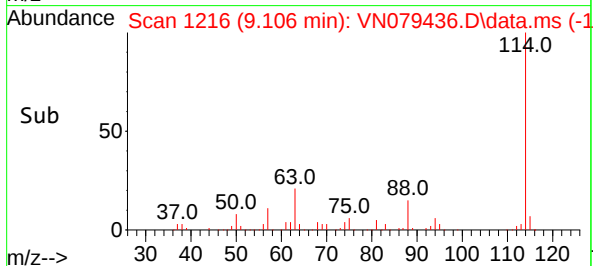
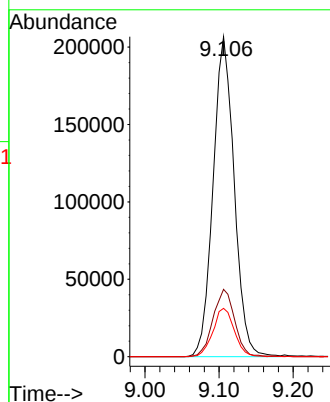
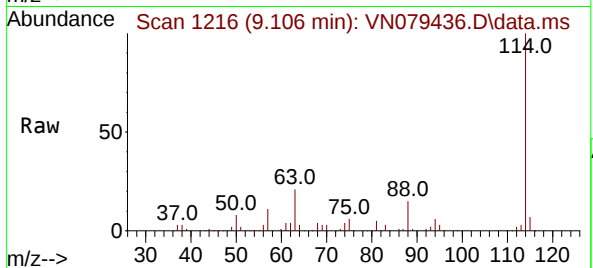
Tgt Ion:114 Resp: 408553

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.598 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079436.D

Acq: 06 Oct 2023 10:21

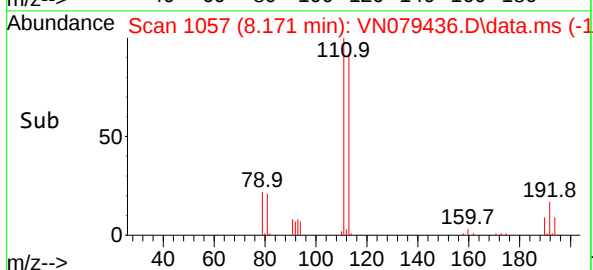
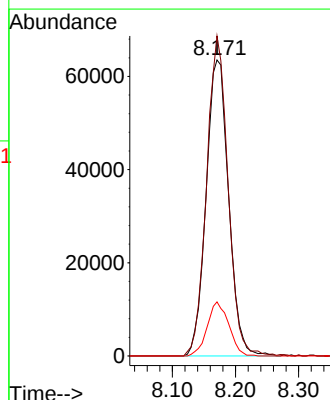
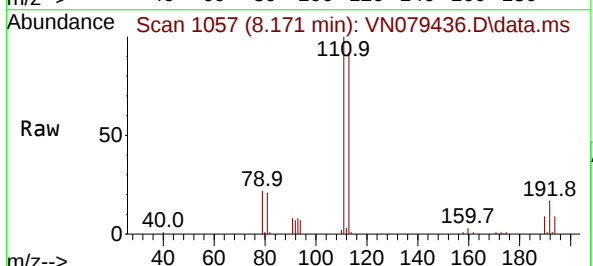
Tgt Ion:113 Resp: 157364

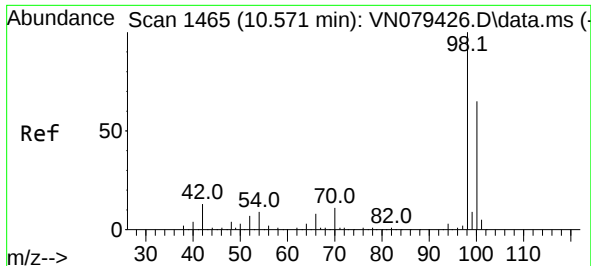
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 17.5 12.7 19.1

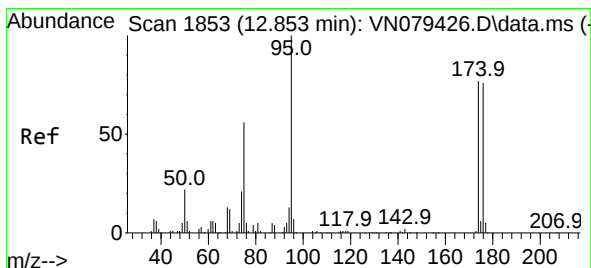
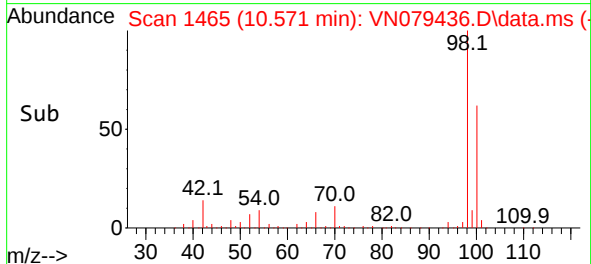
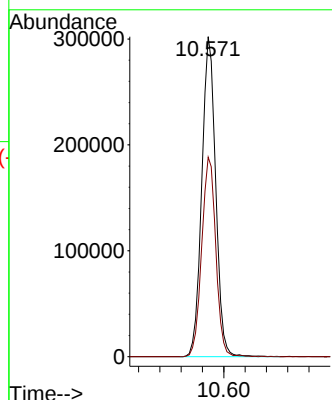
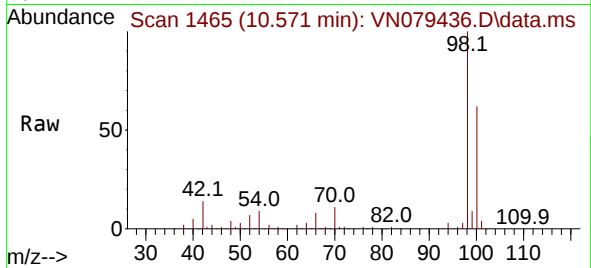




#50
Toluene-d8
Concen: 51.421 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079436.D
Acq: 06 Oct 2023 10:21

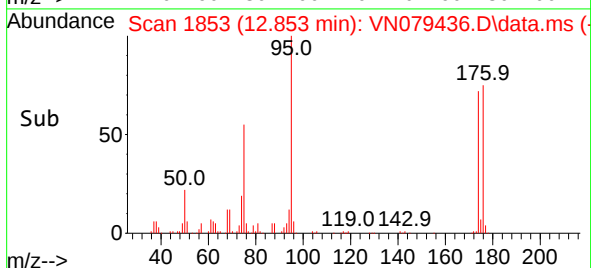
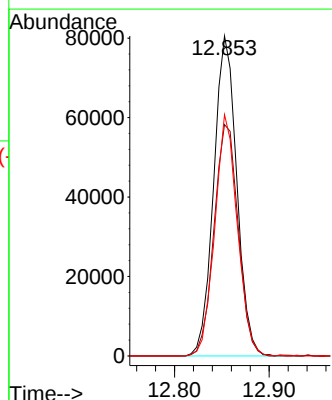
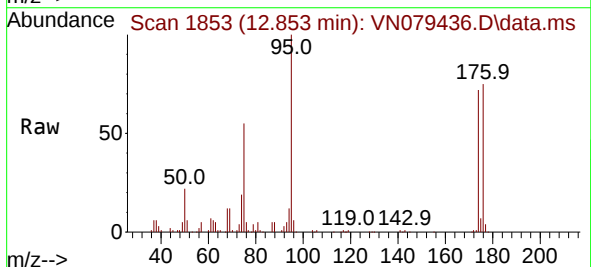
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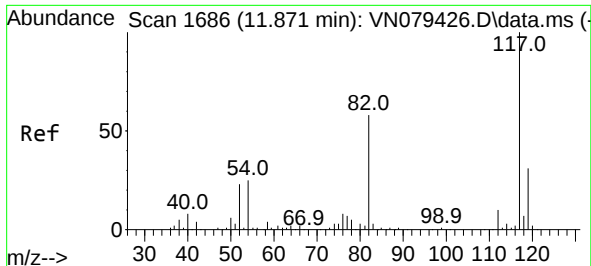
Tgt Ion: 98 Resp: 546261
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.912 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079436.D
Acq: 06 Oct 2023 10:21

Tgt Ion: 95 Resp: 136071
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 74.0 0.0 135.8

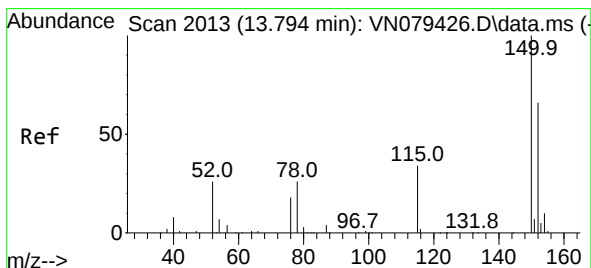
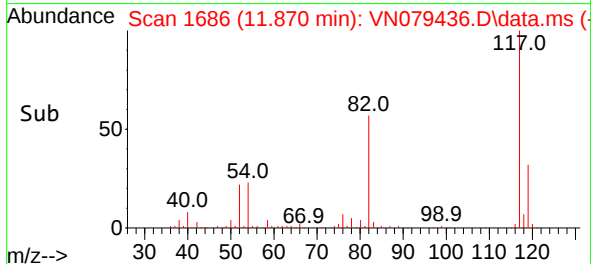
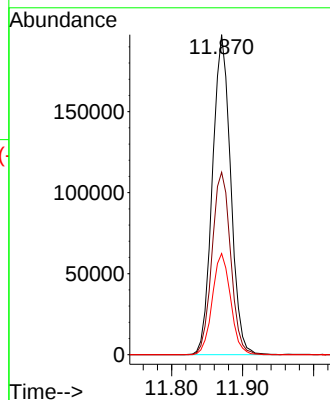
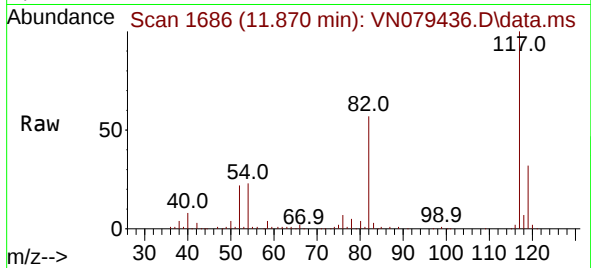




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079436.D
Acq: 06 Oct 2023 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

Tgt Ion:117 Resp: 351961
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079436.D
Acq: 06 Oct 2023 10:21

Tgt Ion:152 Resp: 94388
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 160.7 0.0 355.8

