

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079657.D
 Acq On : 24 Oct 2023 14:24
 Operator : JC\MD
 Sample : VN1024WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBL01

Quant Time: Oct 25 01:46:20 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	8.229	168	339738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	649787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	626565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202670	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	289936	52.633	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.260%
35) Dibromofluoromethane	8.171	113	247541	53.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.020%
50) Toluene-d8	10.570	98	765335	45.297	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.600%
62) 4-Bromofluorobenzene	12.853	95	278346	51.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.660%

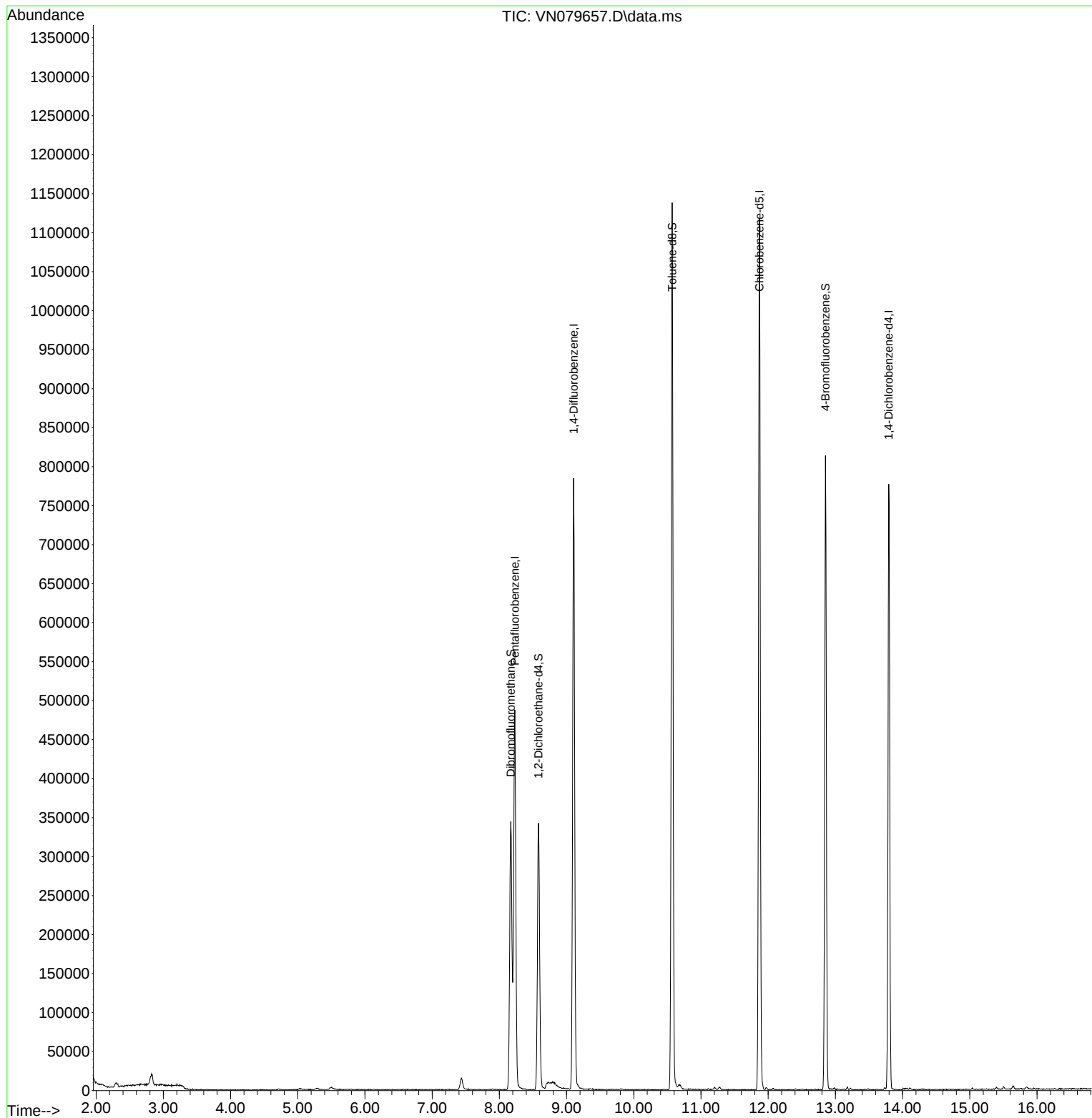
Target Compounds	Qvalue

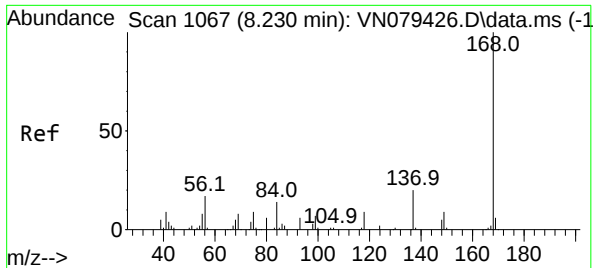
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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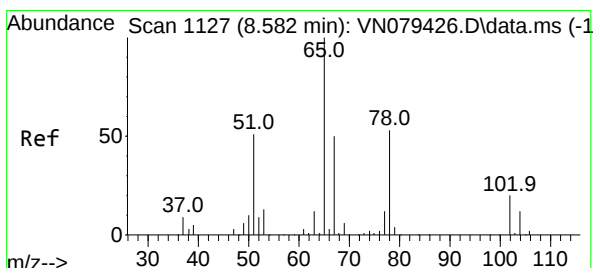
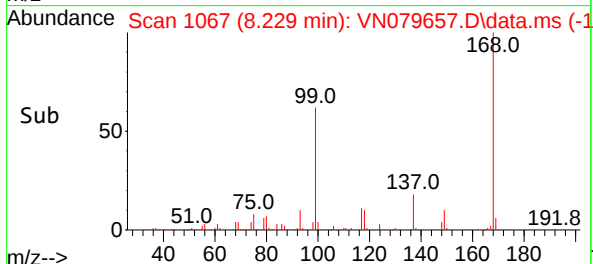
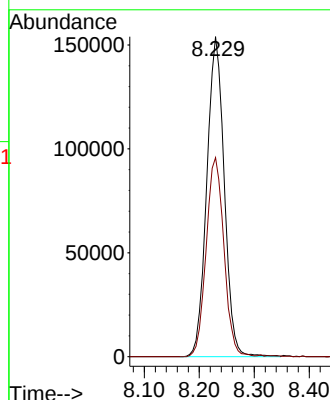
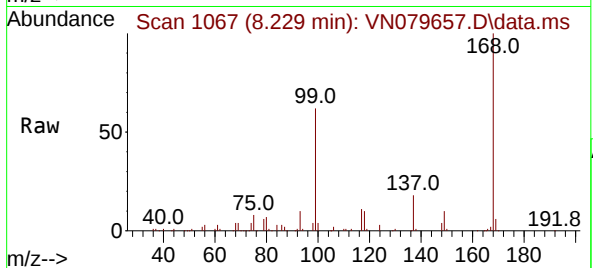




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079657.D
Acq: 24 Oct 2023 14:24

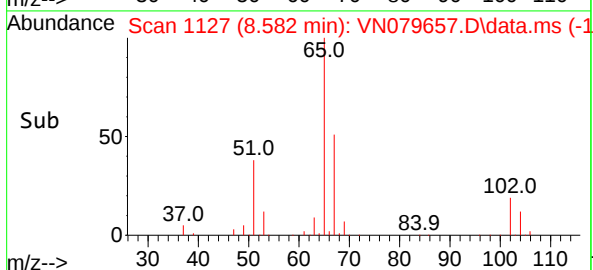
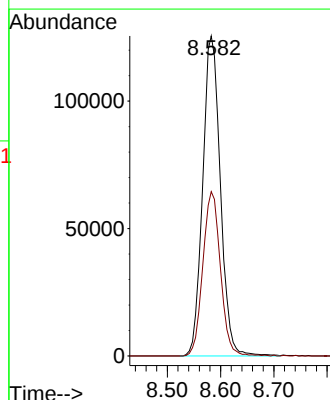
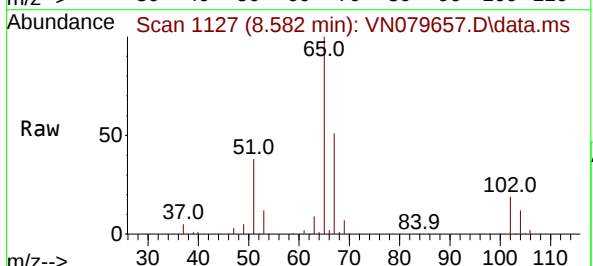
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBL01

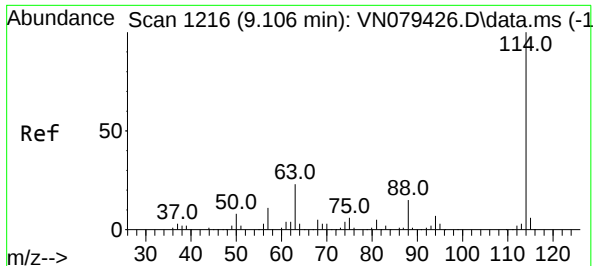
Tgt Ion:168 Resp: 339738
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.633 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079657.D
Acq: 24 Oct 2023 14:24

Tgt Ion: 65 Resp: 289936
Ion Ratio Lower Upper
65 100
67 51.0 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: VN079657.D

Acq: 24 Oct 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBL01

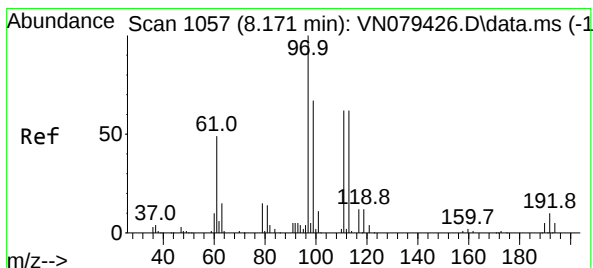
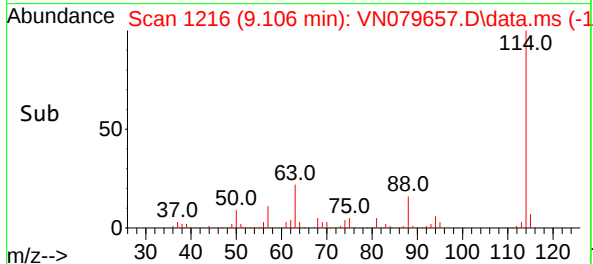
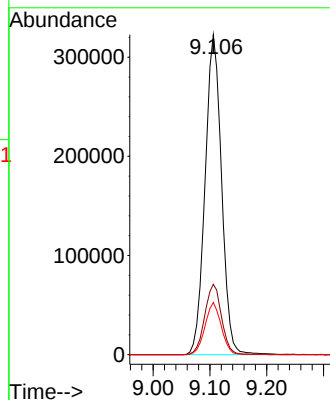
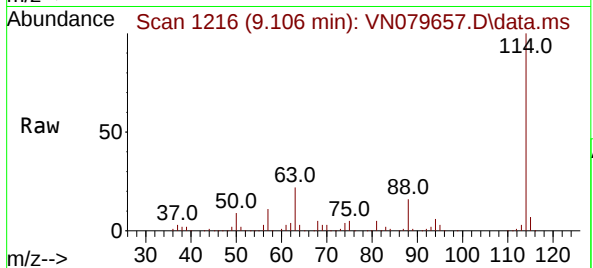
Tgt Ion:114 Resp: 649787

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.011 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079657.D

Acq: 24 Oct 2023 14:24

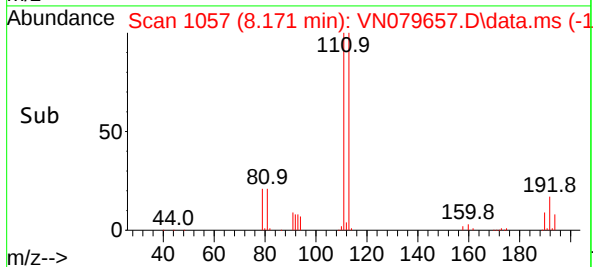
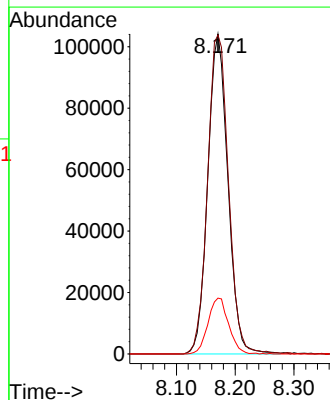
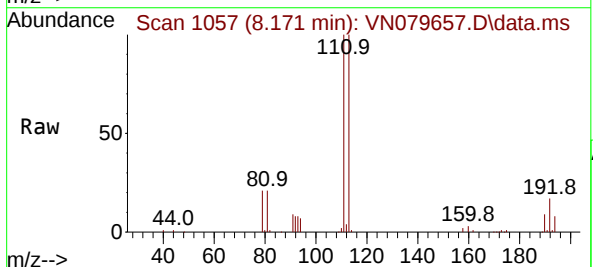
Tgt Ion:113 Resp: 247541

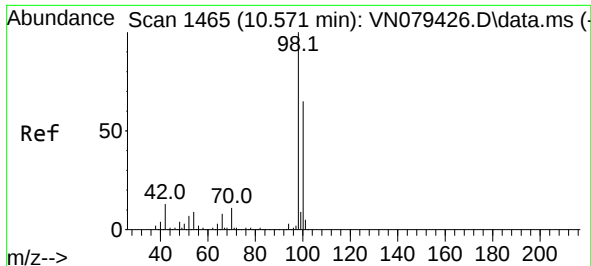
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 17.9 12.7 19.1

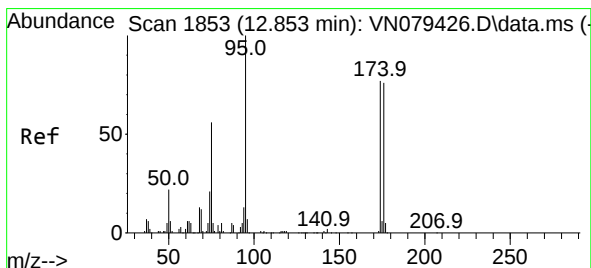
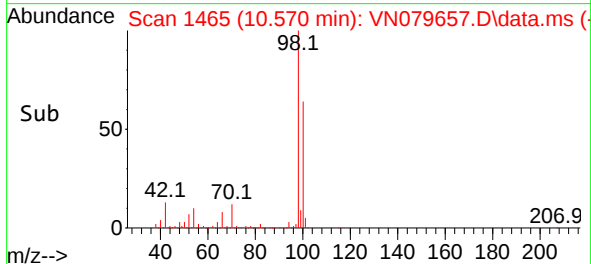
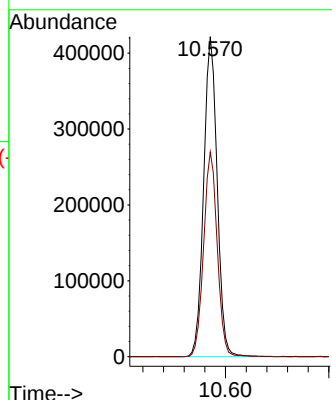
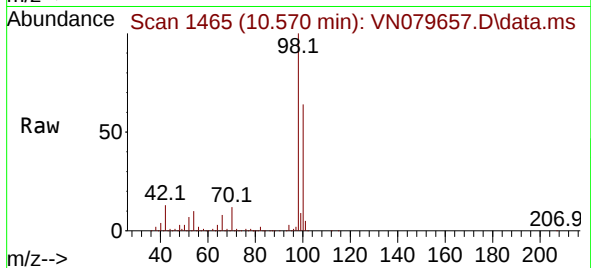




#50
Toluene-d8
Concen: 45.297 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079657.D
Acq: 24 Oct 2023 14:24

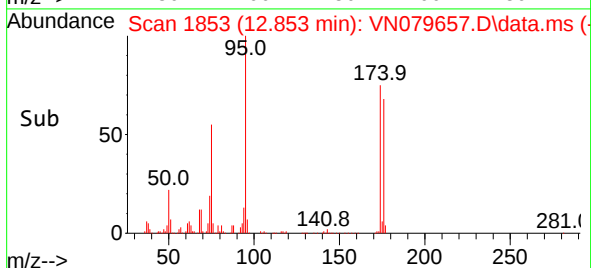
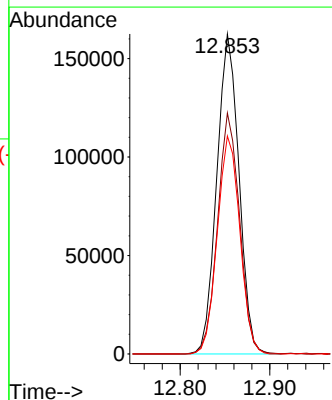
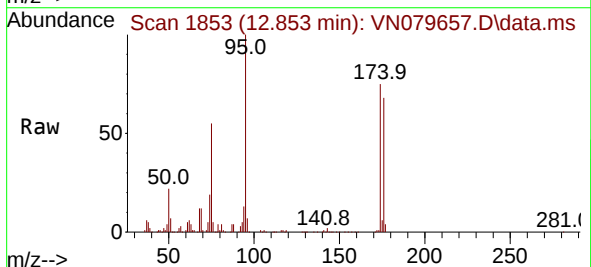
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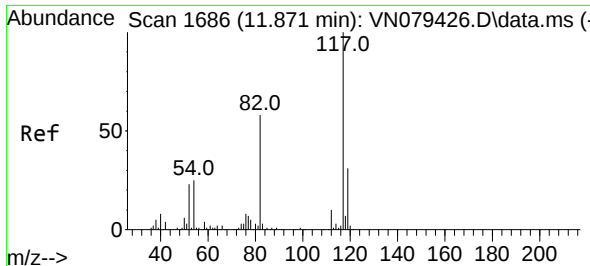
Tgt Ion: 98 Resp: 765335
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.334 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079657.D
Acq: 24 Oct 2023 14:24

Tgt Ion: 95 Resp: 278346
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 69.4 0.0 135.8

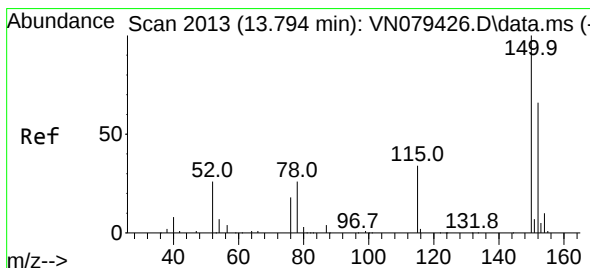
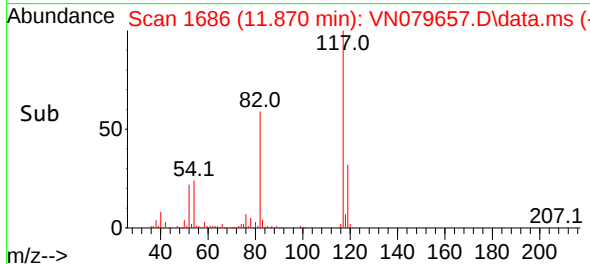
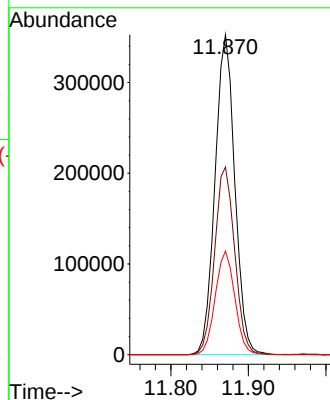
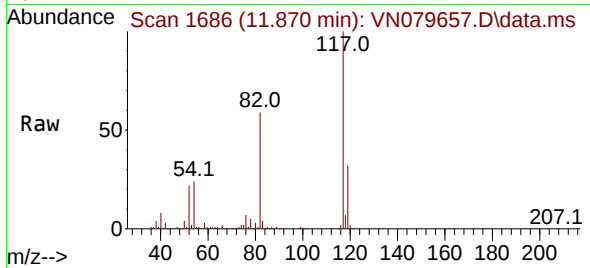




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079657.D
Acq: 24 Oct 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBL01

Tgt Ion:117 Resp: 626565
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.4 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: VN079657.D
Acq: 24 Oct 2023 14:24

Tgt Ion:152 Resp: 202670
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 160.7 0.0 355.8

