

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092023\
 Data File : VN079308.D
 Acq On : 20 Sep 2023 12:51
 Operator : JC\MD
 Sample : VN0920WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBL01

Quant Time: Sep 21 01:55:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	174054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	277250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	77876	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130343	55.475	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.960%
35) Dibromofluoromethane	8.171	113	101469	46.551	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.100%
50) Toluene-d8	10.571	98	346283	43.265	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.540%
62) 4-Bromofluorobenzene	12.853	95	102288	40.066	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.140%#

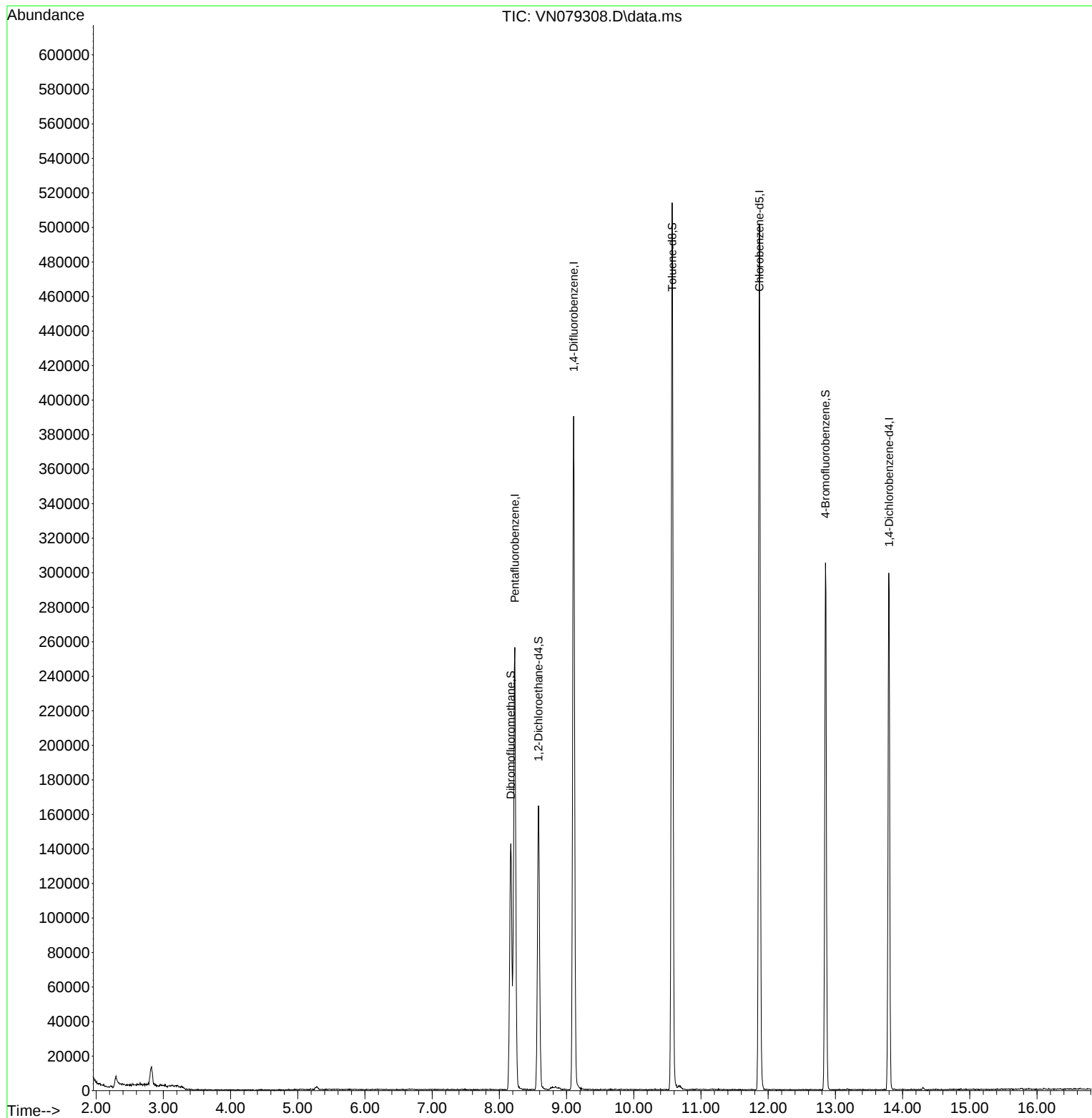
Target Compounds	Qvalue

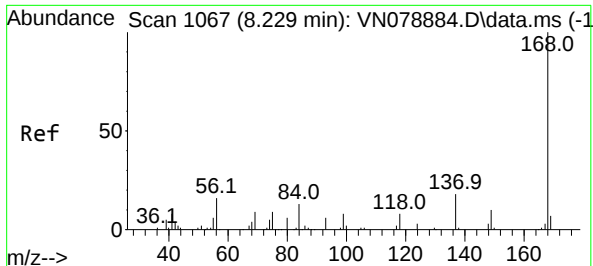
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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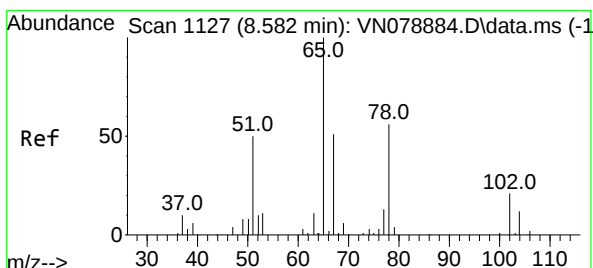
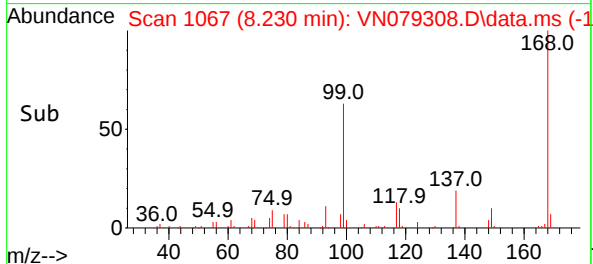
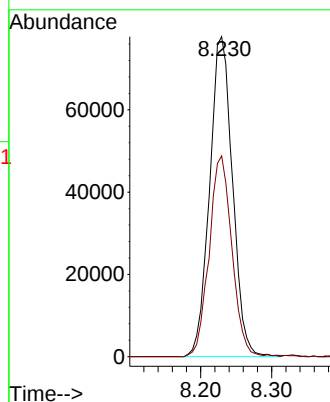
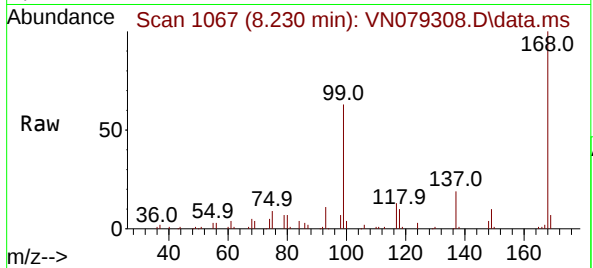




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

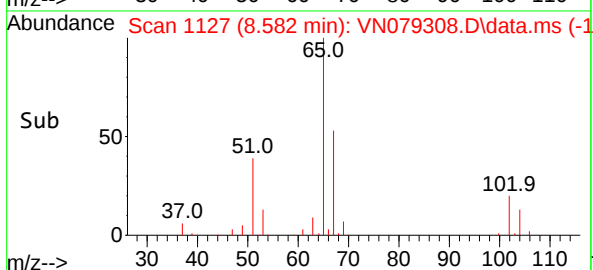
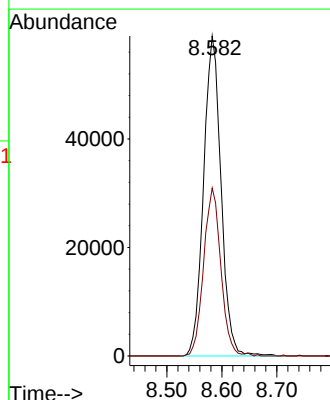
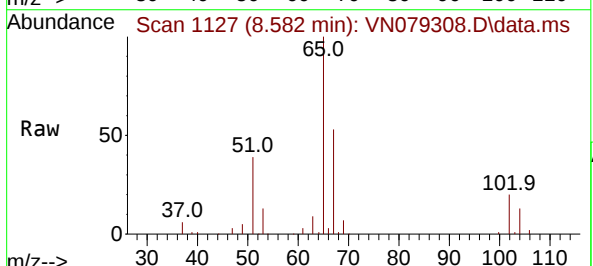
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

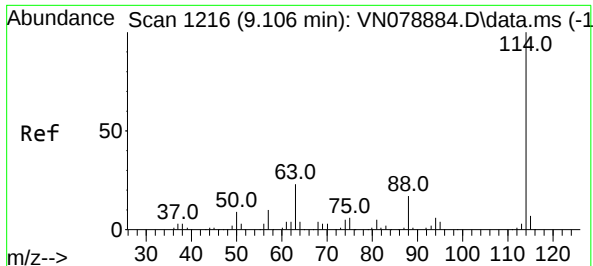
Tgt Ion:168 Resp: 174054
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.475 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

Tgt Ion: 65 Resp: 130343
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079308.D

Acq: 20 Sep 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBL01

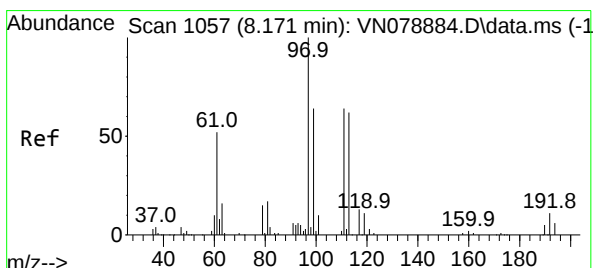
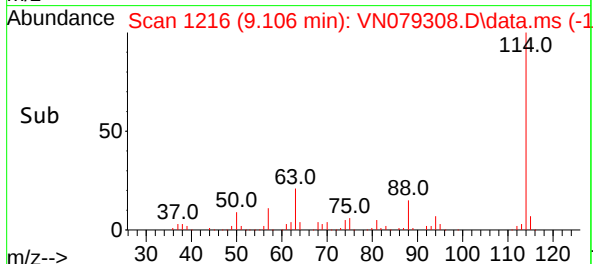
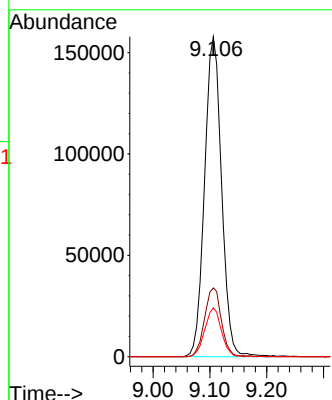
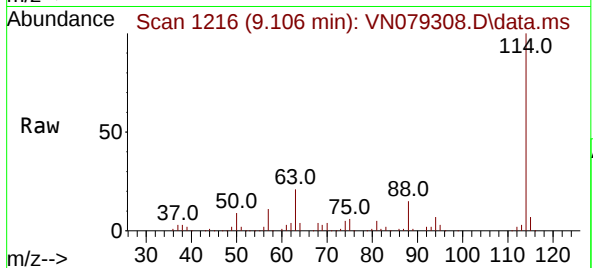
Tgt Ion:114 Resp: 327692

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.551 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079308.D

Acq: 20 Sep 2023 12:51

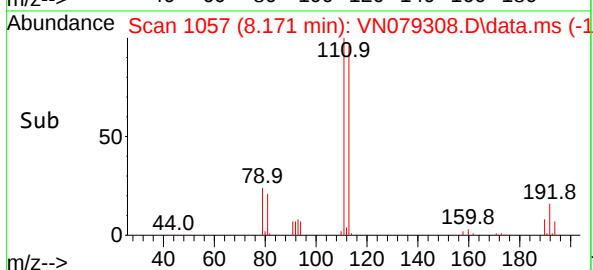
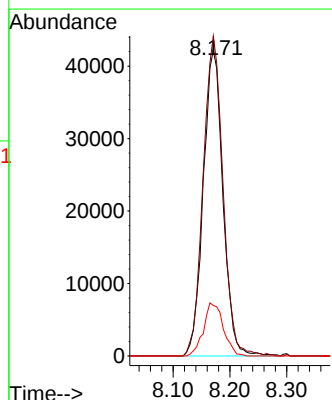
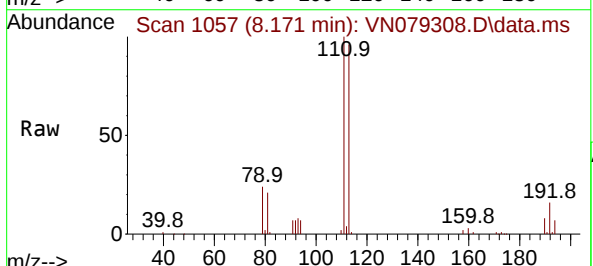
Tgt Ion:113 Resp: 101469

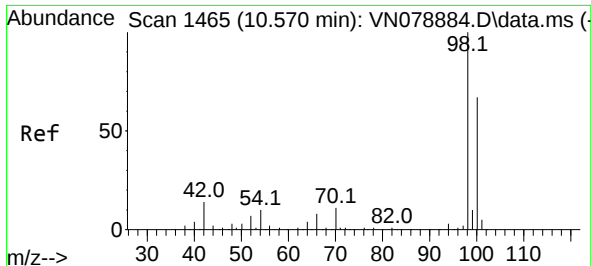
Ion Ratio Lower Upper

113 100

111 105.4 82.6 123.8

192 17.4 12.7 19.1

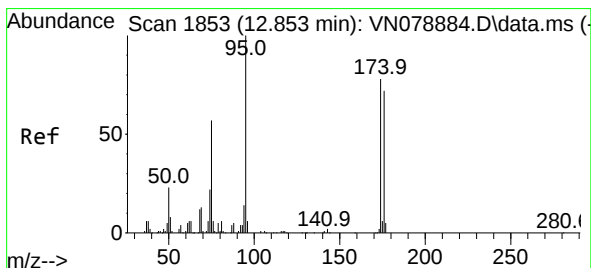
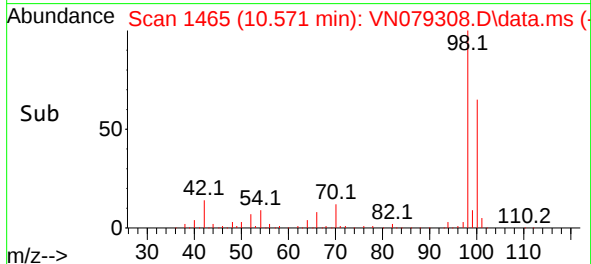
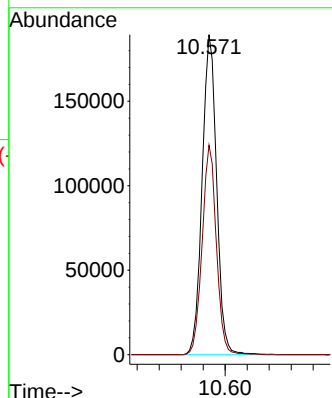
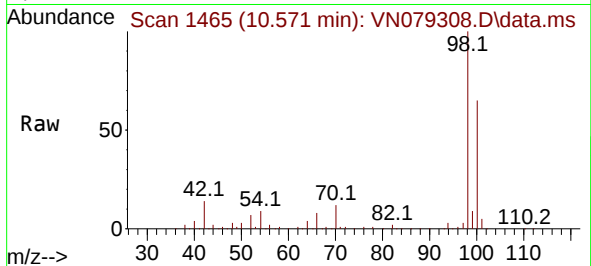




#50
Toluene-d8
Concen: 43.265 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

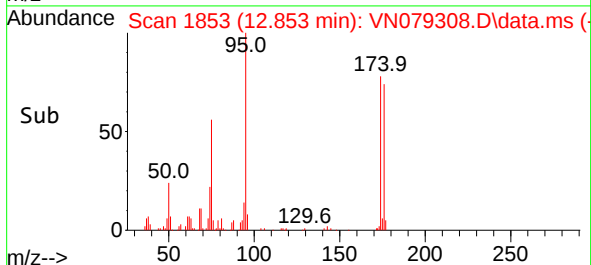
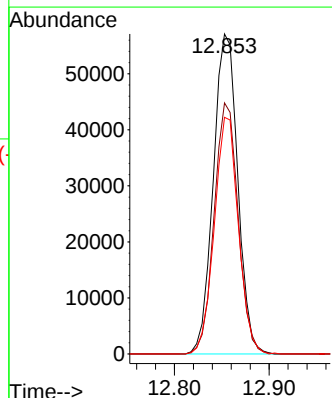
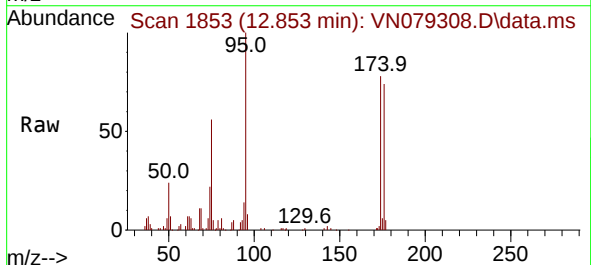
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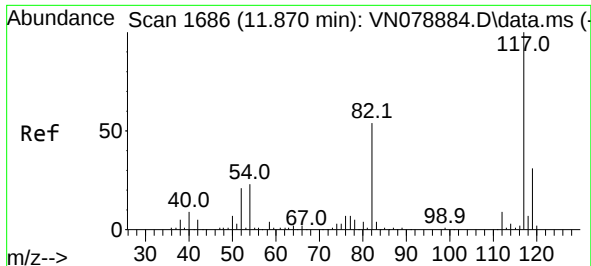
Tgt Ion: 98 Resp: 346283
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.066 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

Tgt Ion: 95 Resp: 102288
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 73.0 0.0 135.8

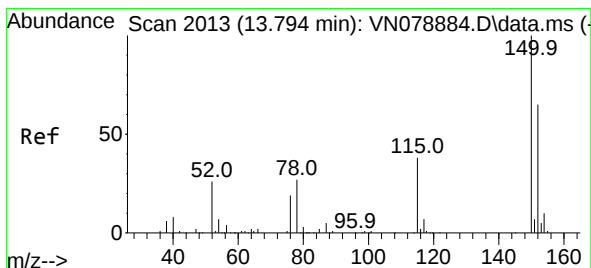
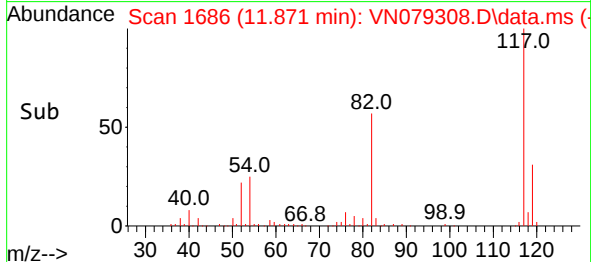
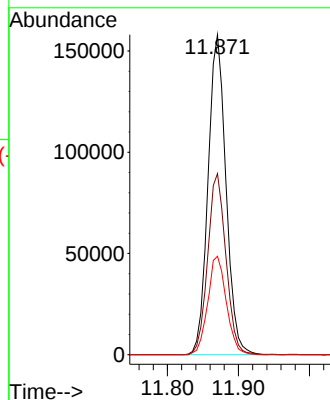
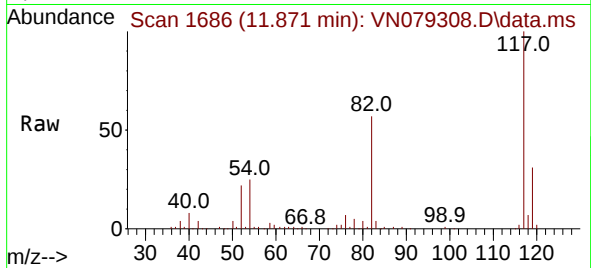




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN079308.D
Acq: 20 Sep 2023 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

Tgt Ion:117 Resp: 277250
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 30.7 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: VN079308.D
Acq: 20 Sep 2023 12:51

Tgt Ion:152 Resp: 77876
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 155.2 0.0 355.8

