

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079278.D
 Acq On : 15 Sep 2023 17:43
 Operator : JC\MD
 Sample : 04408-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 16 01:56:27 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	182444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	366973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	331360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	95345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	152542	61.938	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 123.880%	
35) Dibromofluoromethane	8.171	113	124589	51.039	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.080%	
50) Toluene-d8	10.571	98	442040	49.318	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.640%	
62) 4-Bromofluorobenzene	12.853	95	129259	45.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.420%	

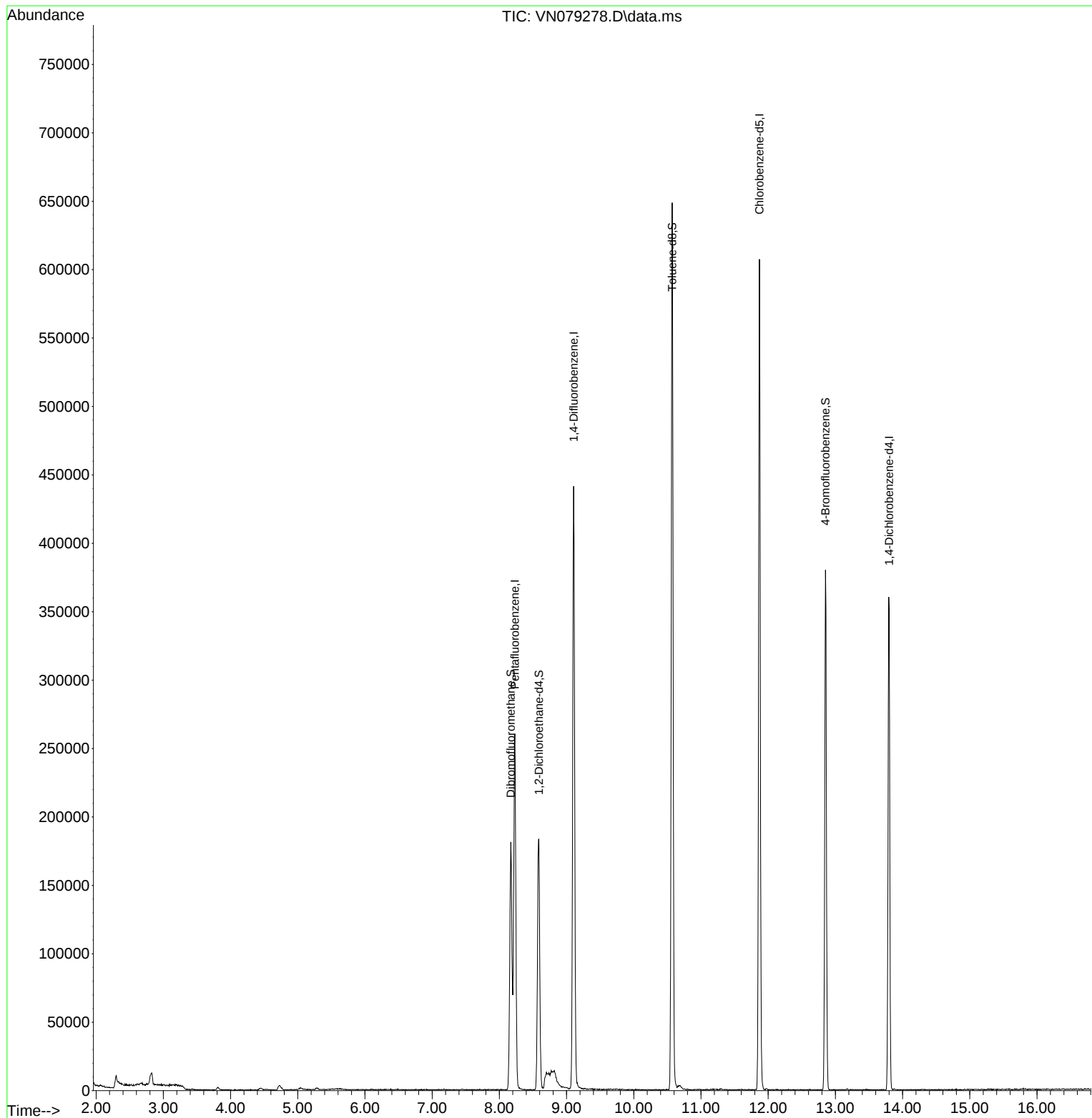
Target Compounds	Qvalue

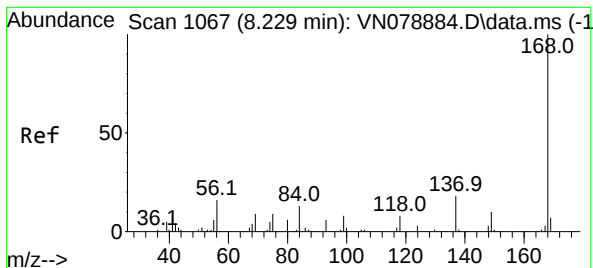
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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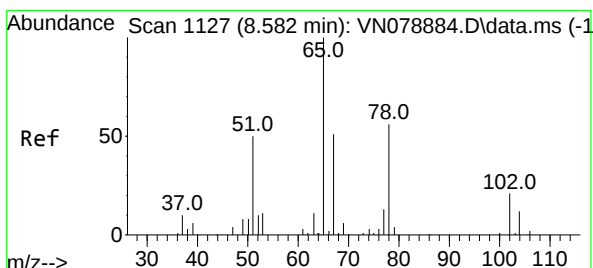
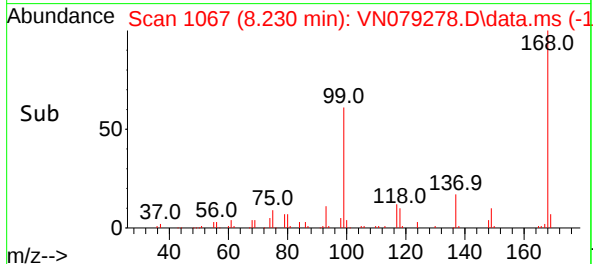
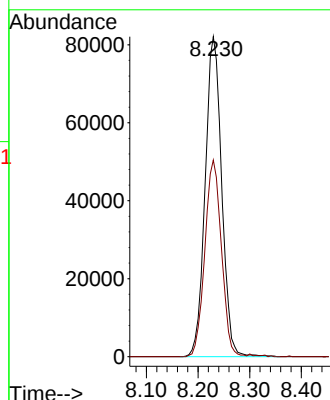
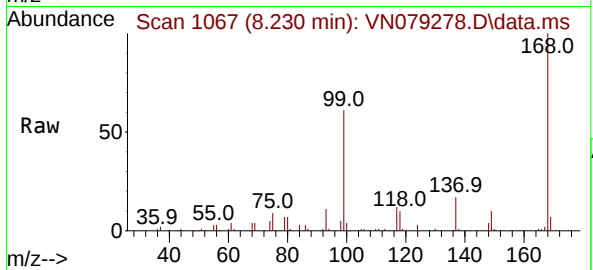




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079278.D
Acq: 15 Sep 2023 17:43

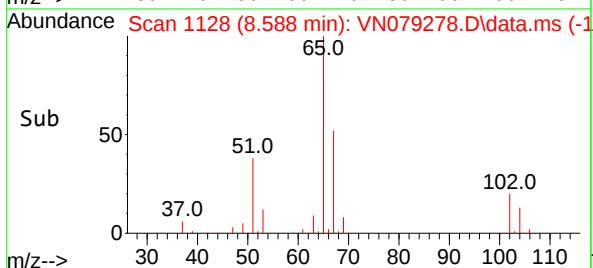
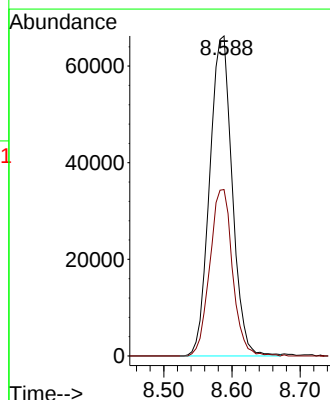
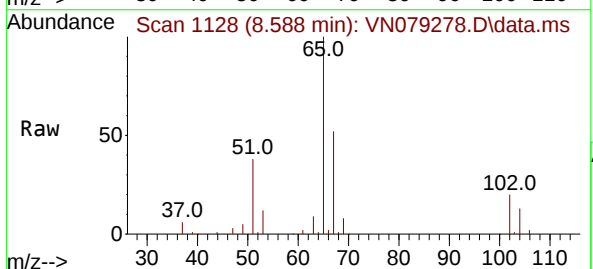
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

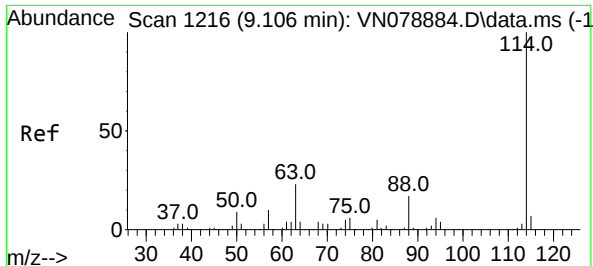
Tgt Ion:168 Resp: 182444
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 61.938 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079278.D
Acq: 15 Sep 2023 17:43

Tgt Ion: 65 Resp: 152542
Ion Ratio Lower Upper
65 100
67 52.5 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: VN079278.D

Acq: 15 Sep 2023 17:43

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

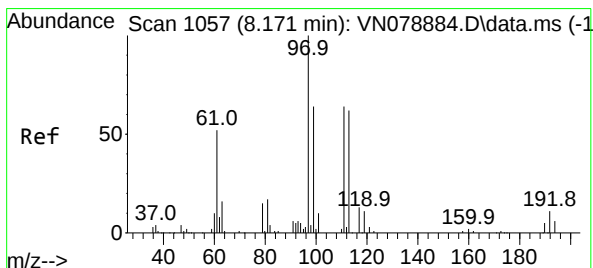
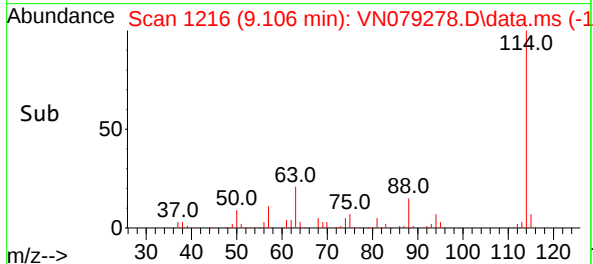
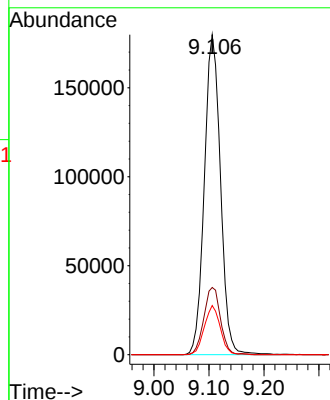
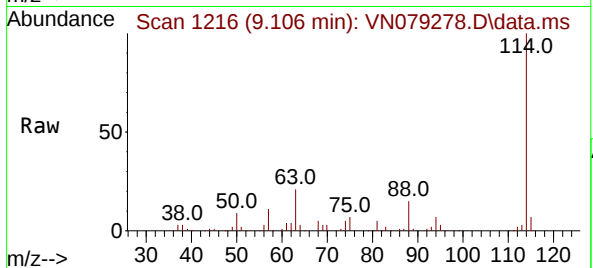
Tgt Ion:114 Resp: 366973

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.039 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079278.D

Acq: 15 Sep 2023 17:43

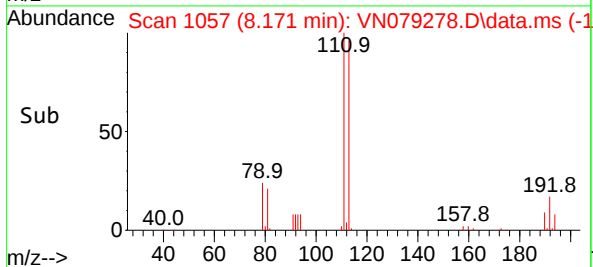
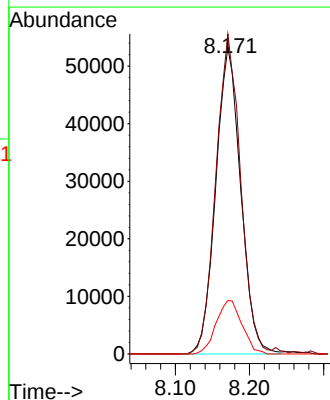
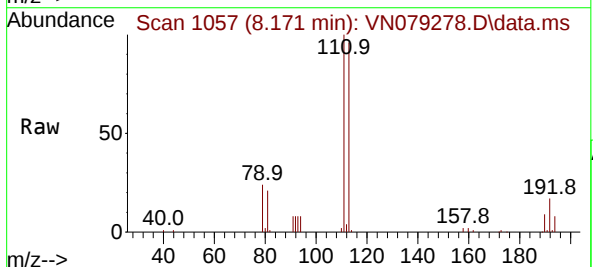
Tgt Ion:113 Resp: 124589

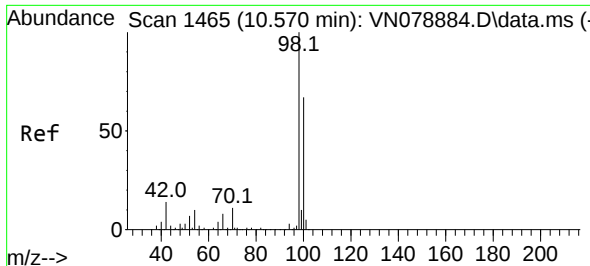
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 18.0 12.7 19.1

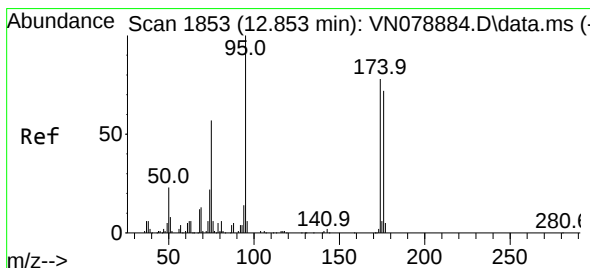
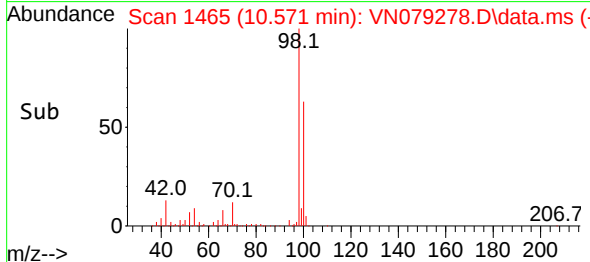
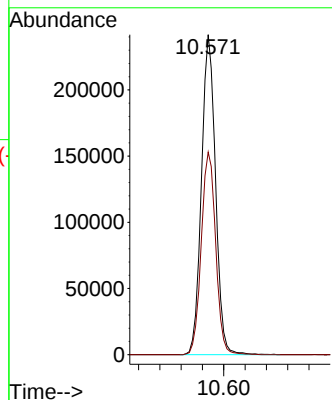
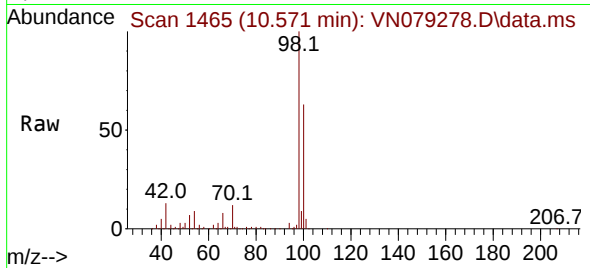




#50
Toluene-d8
Concen: 49.318 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079278.D
Acq: 15 Sep 2023 17:43

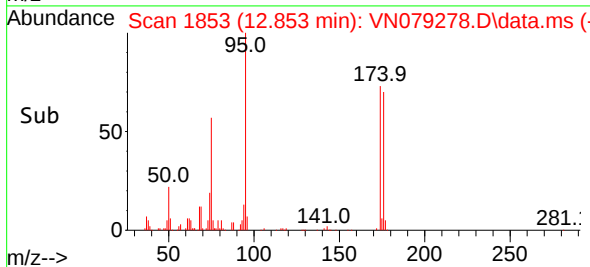
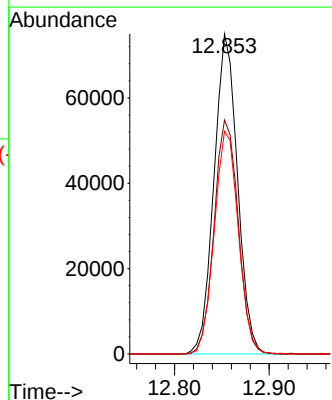
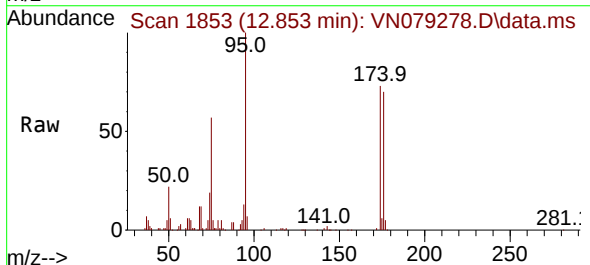
Instrument :
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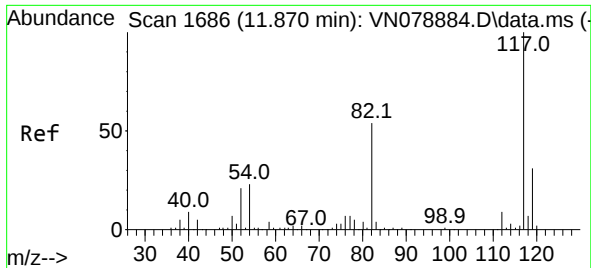
Tgt Ion: 98 Resp: 442040
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.210 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079278.D
Acq: 15 Sep 2023 17:43

Tgt Ion: 95 Resp: 129259
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.4 0.0 135.8

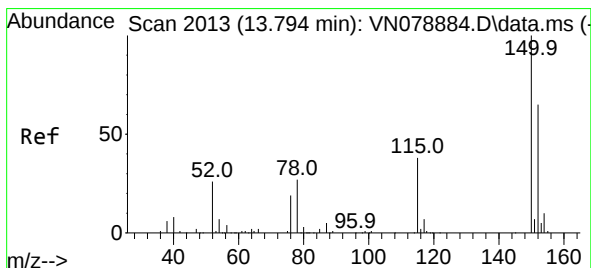
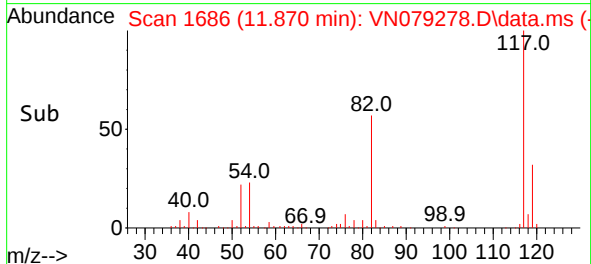
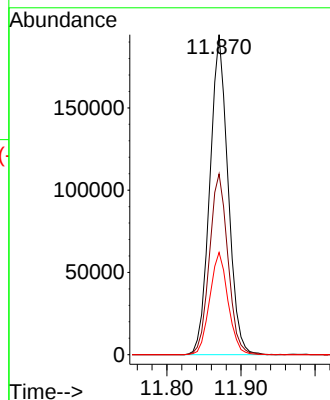
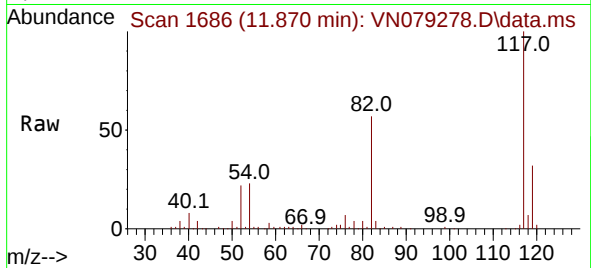




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079278.D
Acq: 15 Sep 2023 17:43

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 331360
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 32.0 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: VN079278.D
Acq: 15 Sep 2023 17:43

Tgt Ion:152 Resp: 95345
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 159.2 0.0 355.8

