

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079282.D
 Acq On : 15 Sep 2023 19:19
 Operator : JC\MD
 Sample : 04414-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-091223

Quant Time: Sep 16 01:58:07 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	166174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	305467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86107	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	142175	63.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	126.760%#
35) Dibromofluoromethane	8.171	113	117101	52.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.700%
50) Toluene-d8	10.571	98	413415	50.813	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.620%
62) 4-Bromofluorobenzene	12.853	95	117347	45.216	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.440%

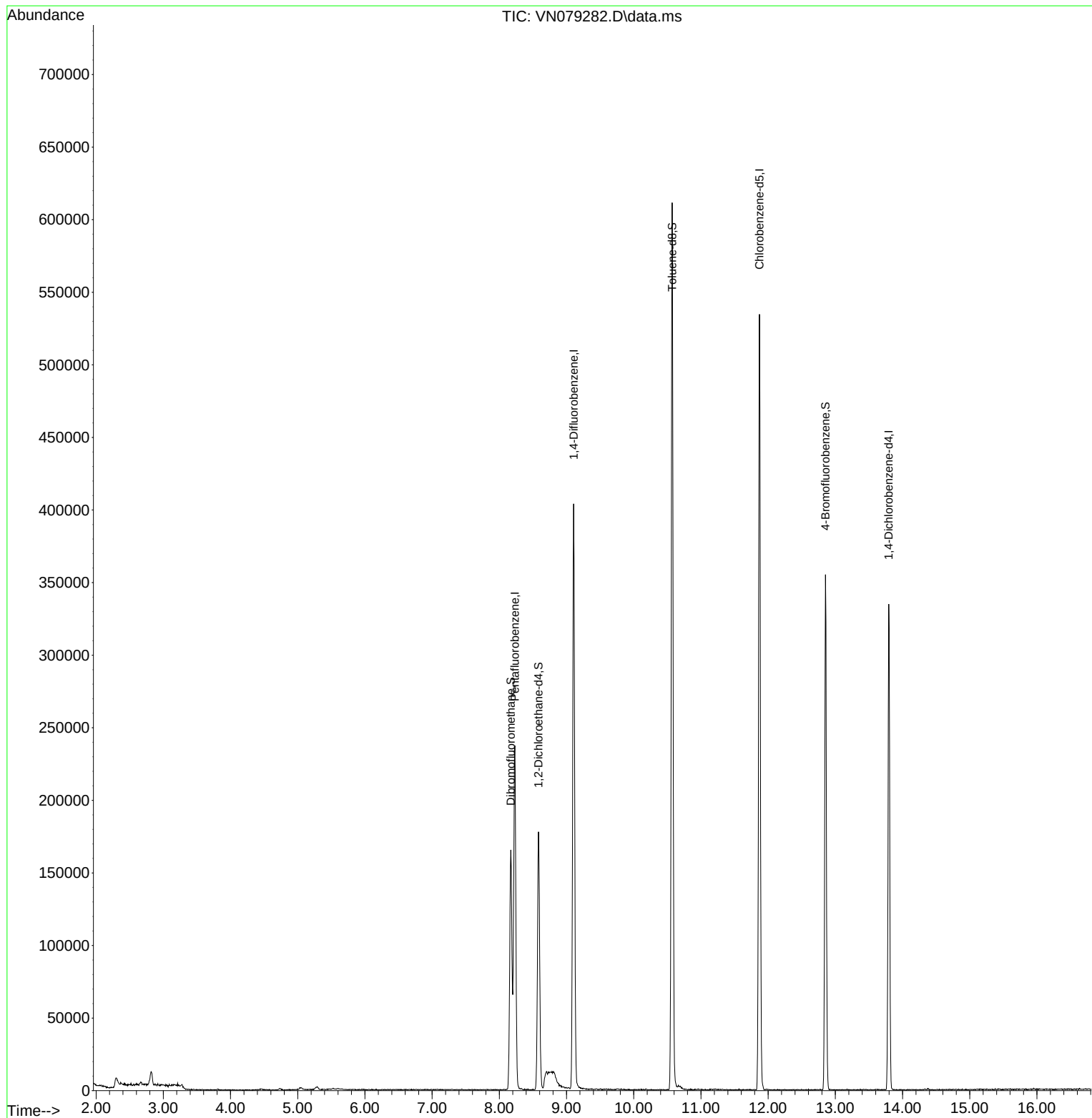
Target Compounds	Qvalue

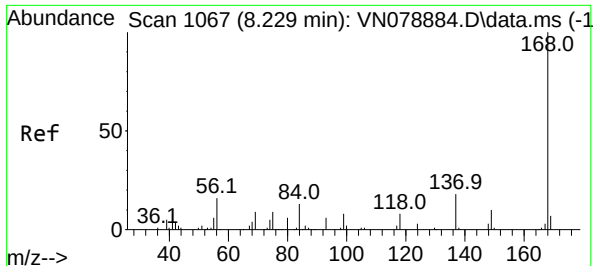
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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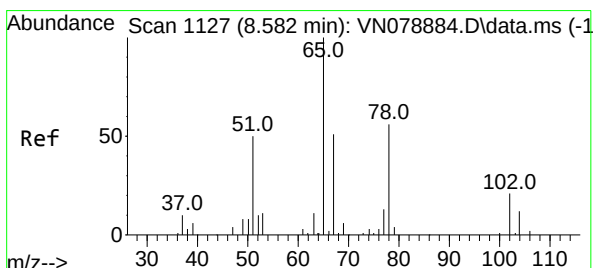
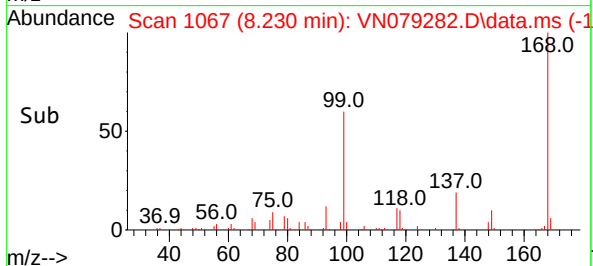
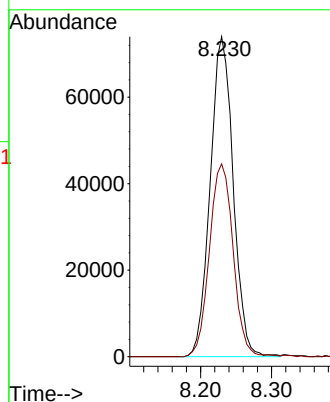
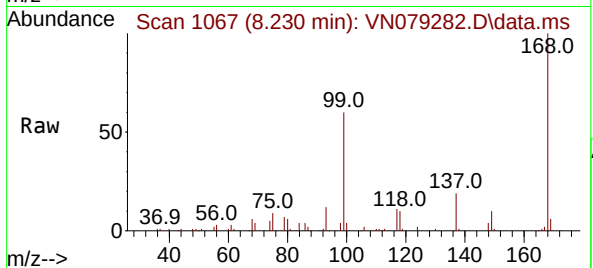




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079282.D
Acq: 15 Sep 2023 19:19

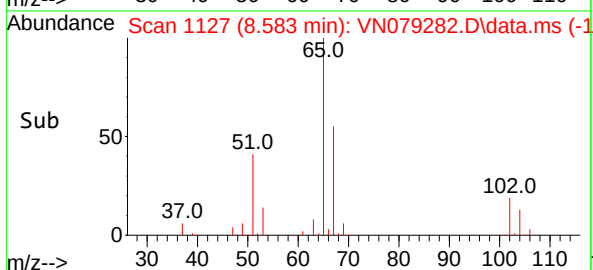
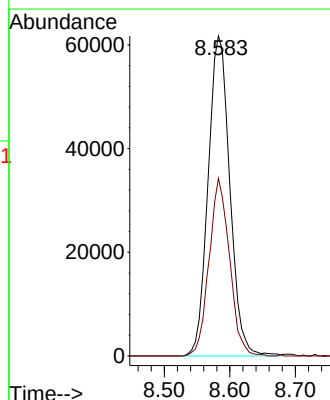
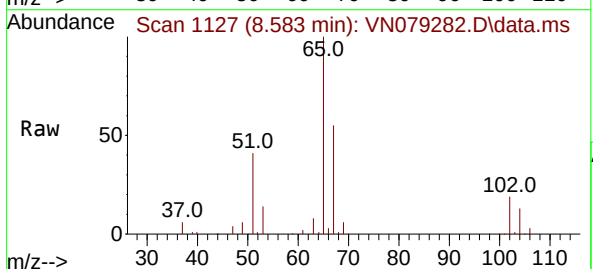
Instrument :
MSVOA_N
ClientSampleId :
TB-01-091223

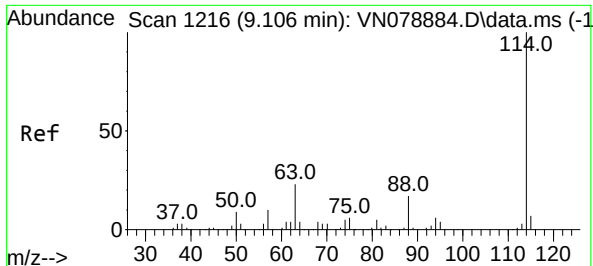
Tgt Ion:168 Resp: 166174
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 63.381 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079282.D
Acq: 15 Sep 2023 19:19

Tgt Ion: 65 Resp: 142175
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079282.D

Acq: 15 Sep 2023 19:19

Instrument :

MSVOA_N

ClientSampleId :

TB-01-091223

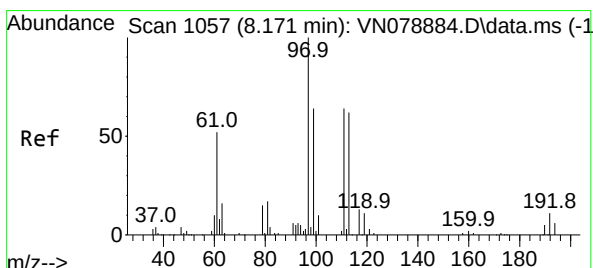
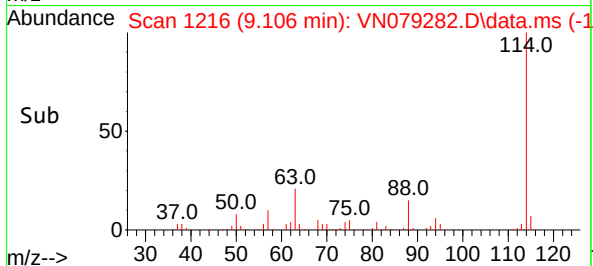
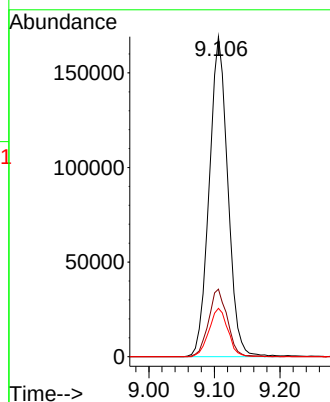
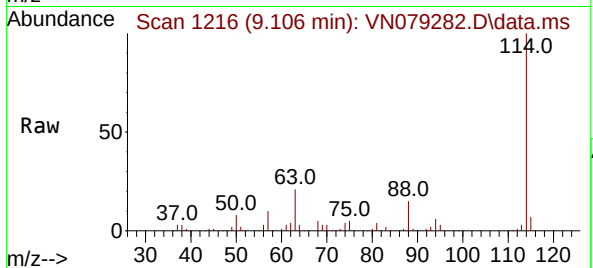
Tgt Ion:114 Resp: 333111

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.848 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079282.D

Acq: 15 Sep 2023 19:19

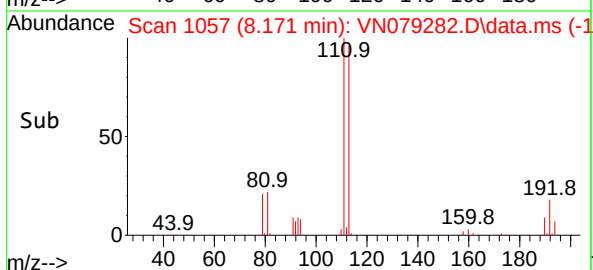
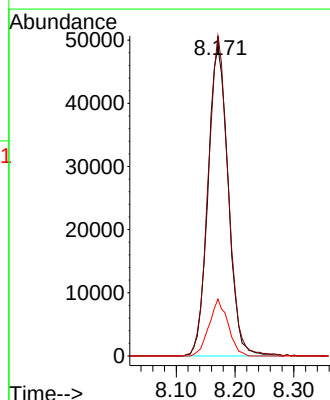
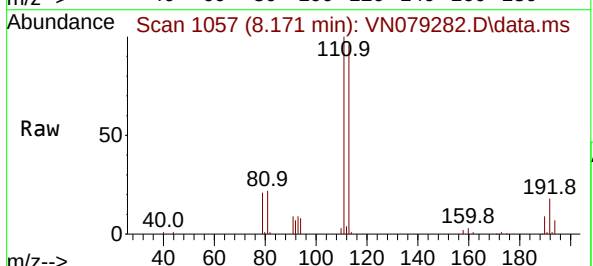
Tgt Ion:113 Resp: 117101

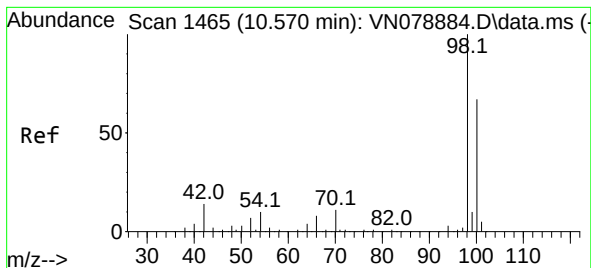
Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 17.1 12.7 19.1

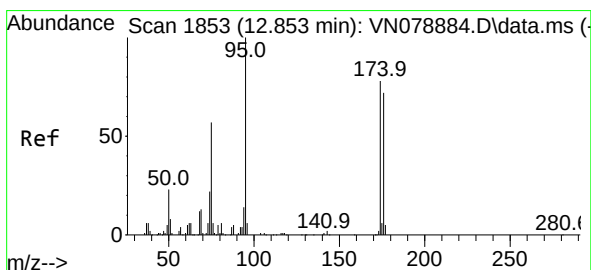
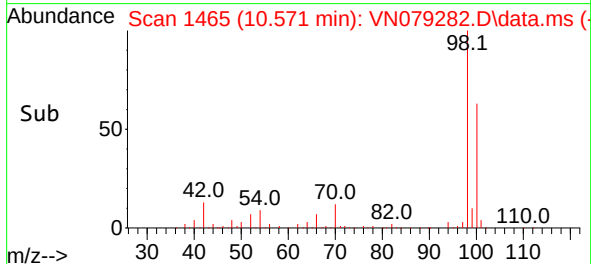
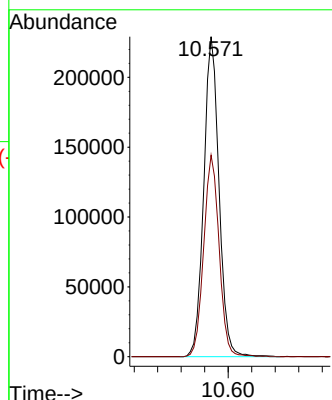
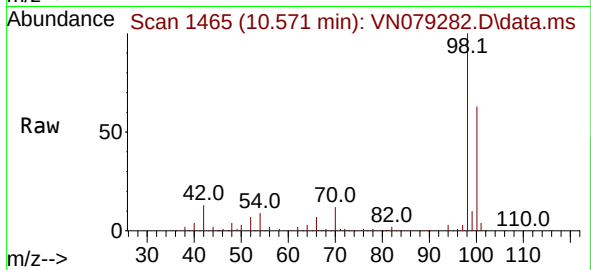




#50
Toluene-d8
Concen: 50.813 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079282.D
Acq: 15 Sep 2023 19:19

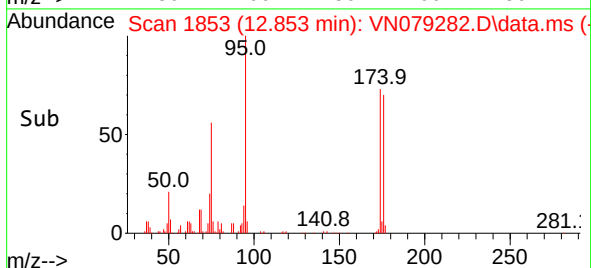
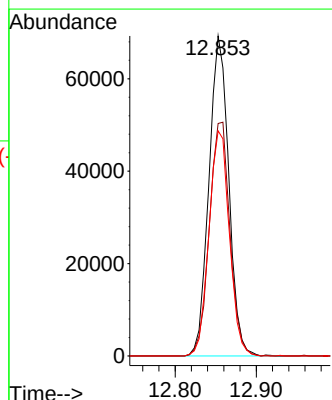
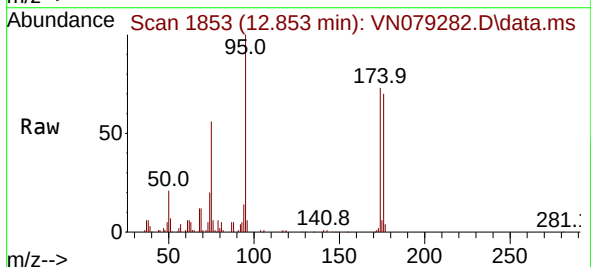
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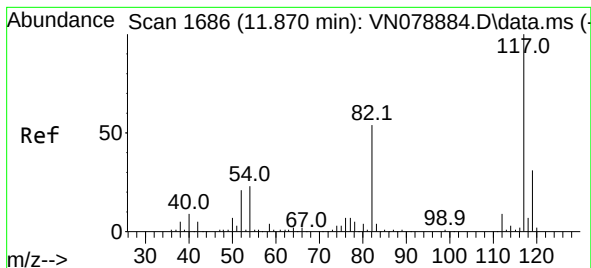
Tgt Ion: 98 Resp: 413415
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.216 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079282.D
Acq: 15 Sep 2023 19:19

Tgt Ion: 95 Resp: 117347
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 72.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079282.D

Acq: 15 Sep 2023 19:19

Instrument :

MSVOA_N

ClientSampleId :

TB-01-091223

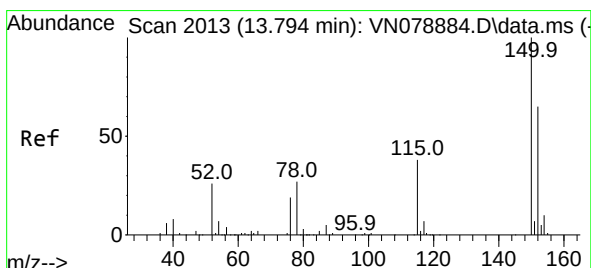
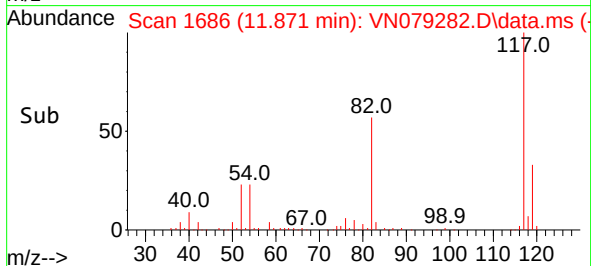
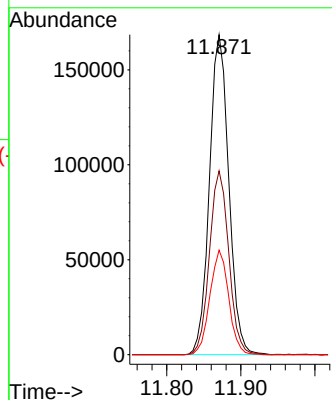
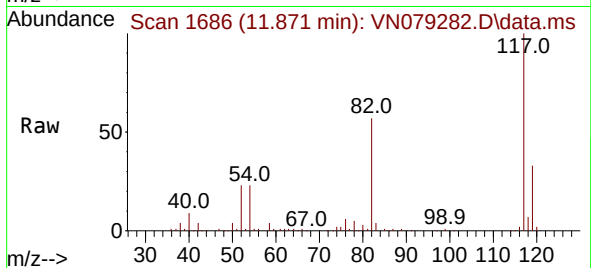
Tgt Ion:117 Resp: 305467

Ion Ratio Lower Upper

117 100

82 57.5 44.0 66.0

119 32.6 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: VN079282.D

Acq: 15 Sep 2023 19:19

Tgt Ion:152 Resp: 86107

Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 157.1 0.0 355.8

