

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079281.D
 Acq On : 15 Sep 2023 18:55
 Operator : JC\MD
 Sample : 04436-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-9-13

Quant Time: Sep 16 01:57:47 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	164401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	330368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	295587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141026	63.547	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 127.100%#	
35) Dibromofluoromethane	8.171	113	113942	51.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.700%	
50) Toluene-d8	10.571	98	397320	49.240	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.480%	
62) 4-Bromofluorobenzene	12.853	95	110111	42.780	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.560%	

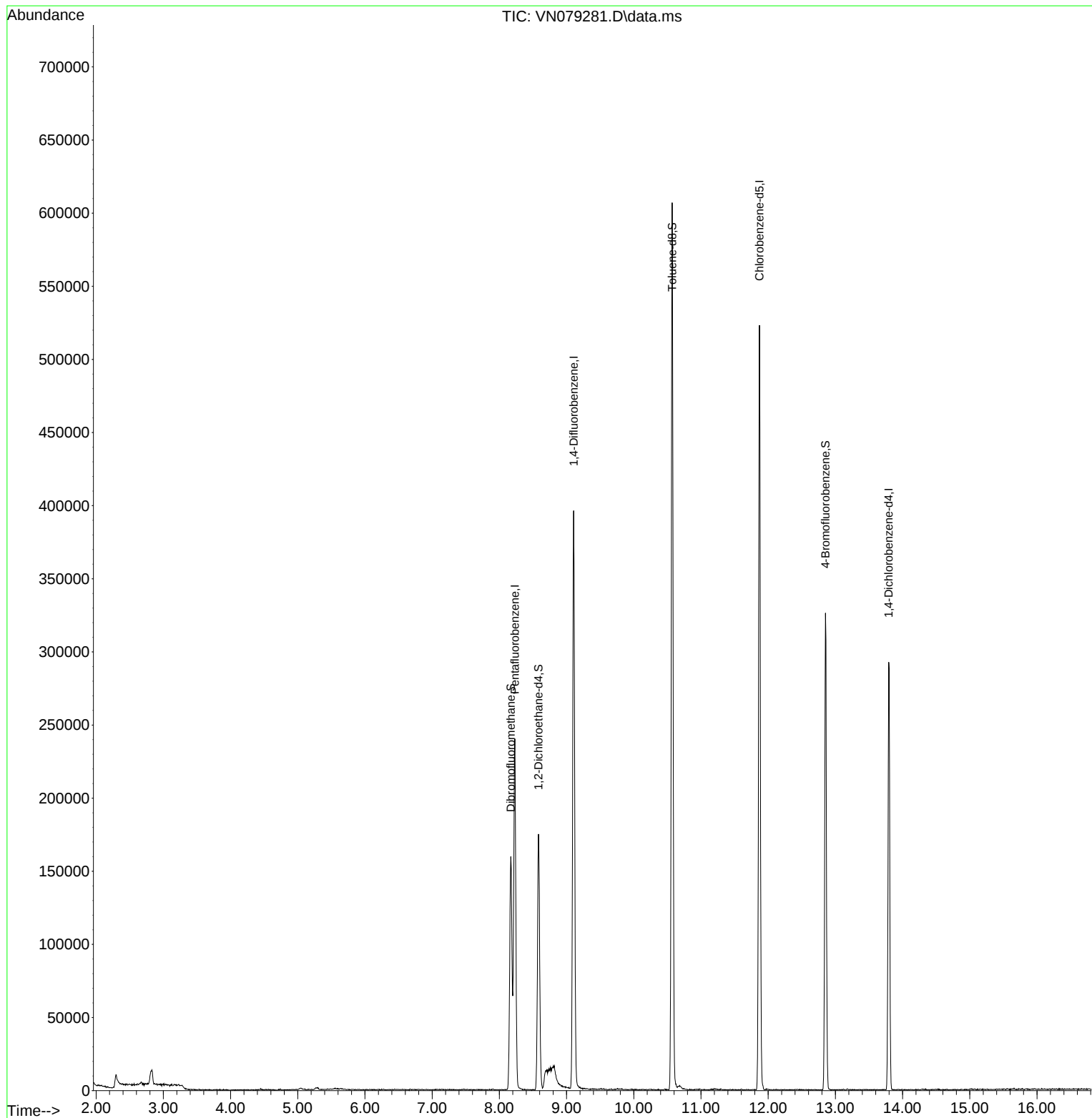
Target Compounds	Qvalue

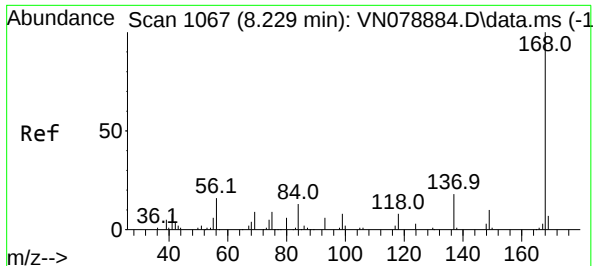
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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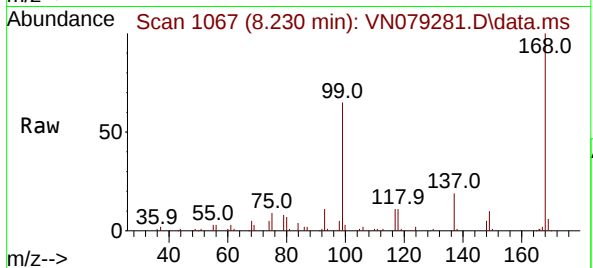
Quant Time: Sep 16 01:57:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
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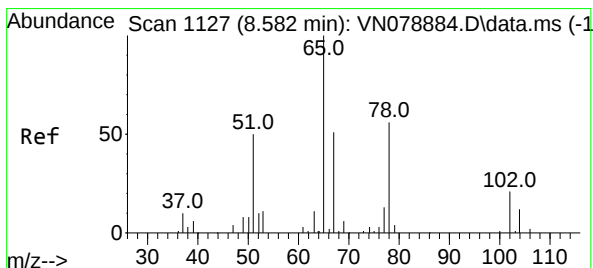
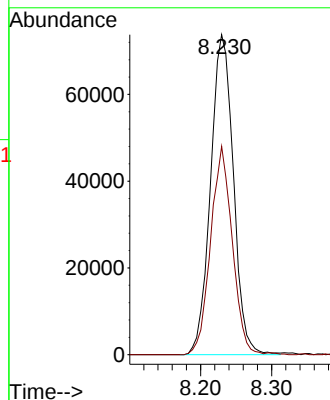
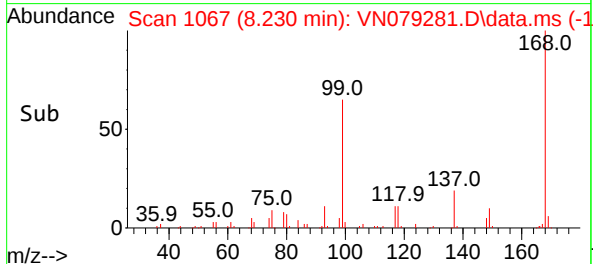


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079281.D
Acq: 15 Sep 2023 18:55

Instrument :
MSVOA_N
ClientSampleId :
TB-9-13

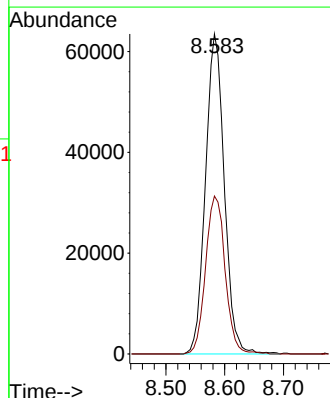
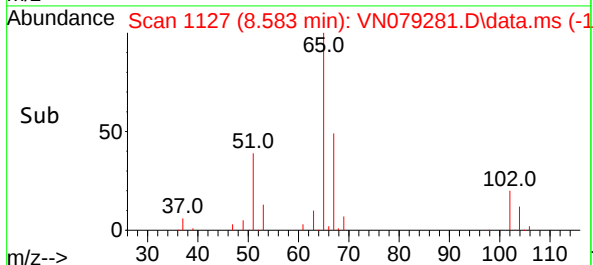
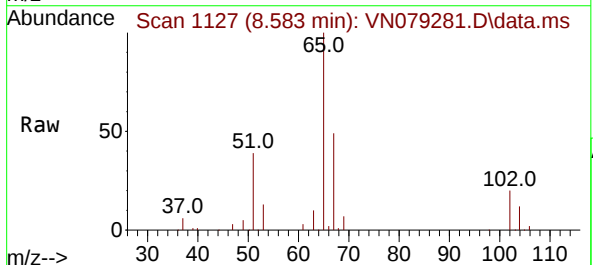


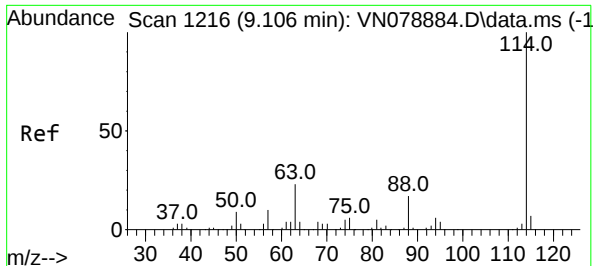
Tgt Ion:168 Resp: 164401
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 63.547 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079281.D
Acq: 15 Sep 2023 18:55

Tgt Ion: 65 Resp: 141026
Ion Ratio Lower Upper
65 100
67 51.3 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: VN079281.D

Acq: 15 Sep 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

TB-9-13

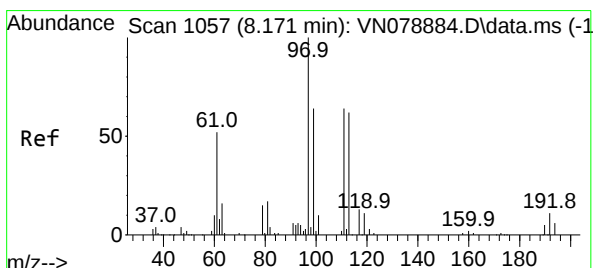
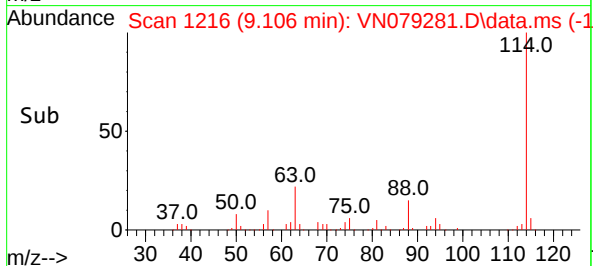
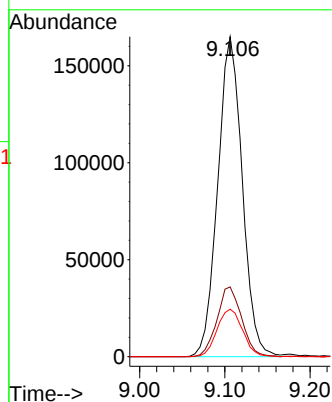
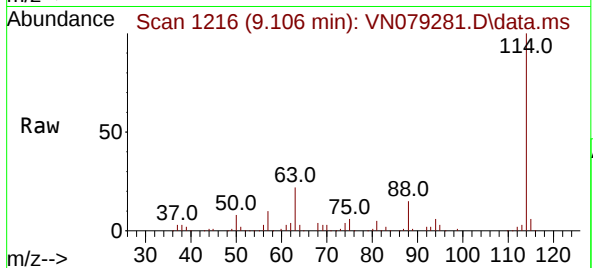
Tgt Ion:114 Resp: 330368

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.850 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079281.D

Acq: 15 Sep 2023 18:55

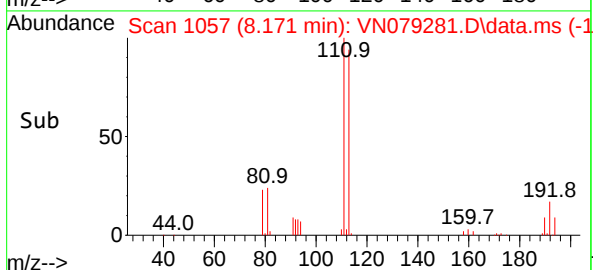
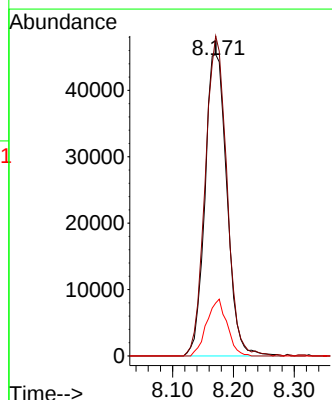
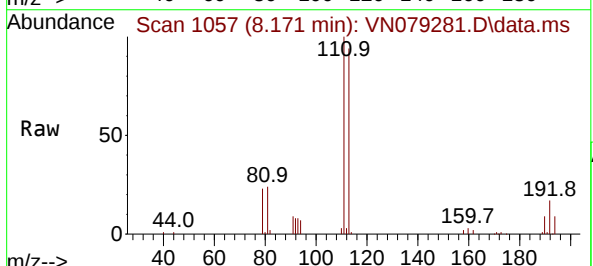
Tgt Ion:113 Resp: 113942

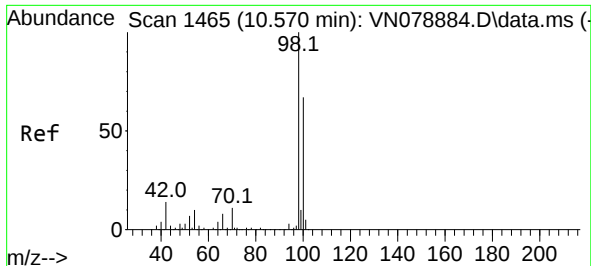
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 17.5 12.7 19.1

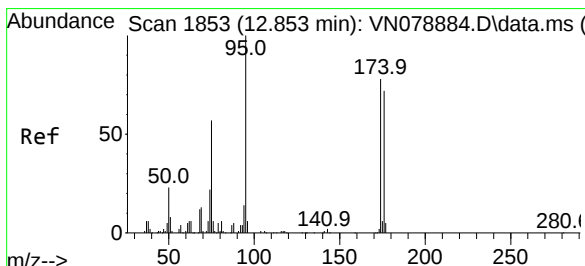
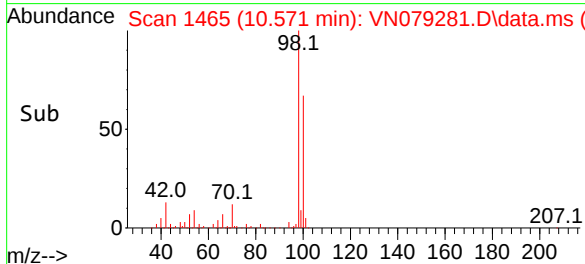
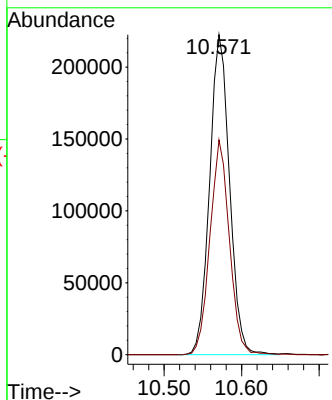
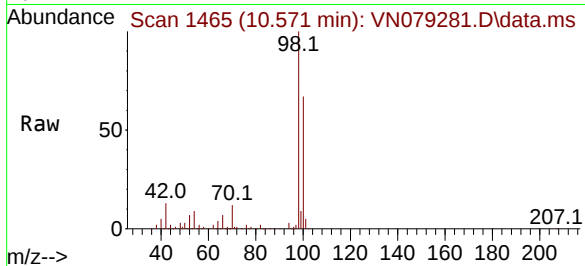




#50
Toluene-d8
Concen: 49.240 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079281.D
Acq: 15 Sep 2023 18:55

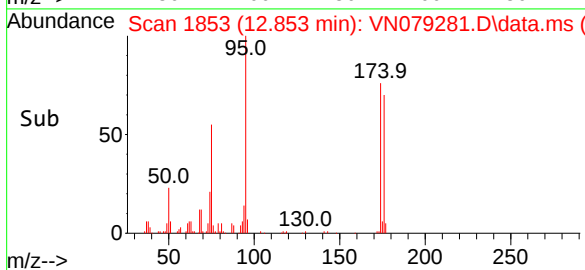
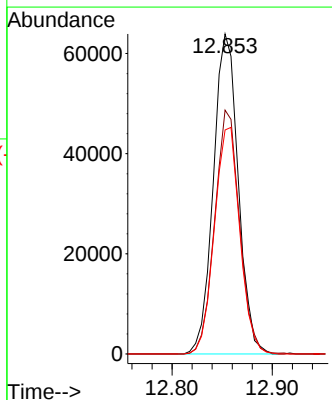
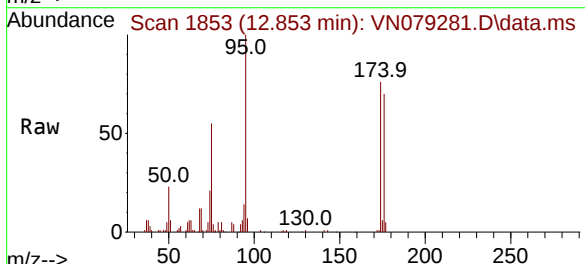
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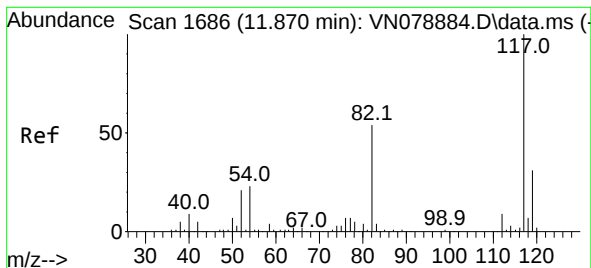
Tgt Ion: 98 Resp: 397320
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.780 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079281.D
Acq: 15 Sep 2023 18:55

Tgt Ion: 95 Resp: 110111
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 72.5 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: VN079281.D

Acq: 15 Sep 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

TB-9-13

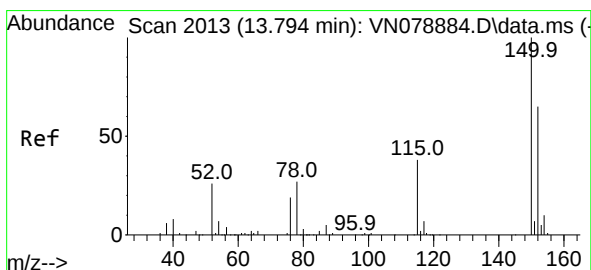
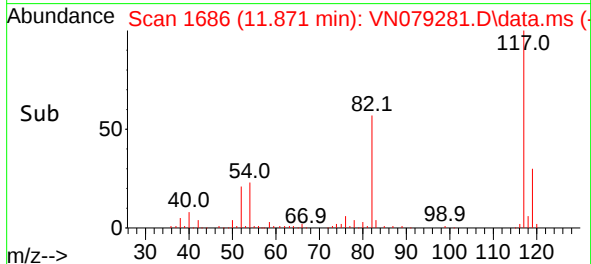
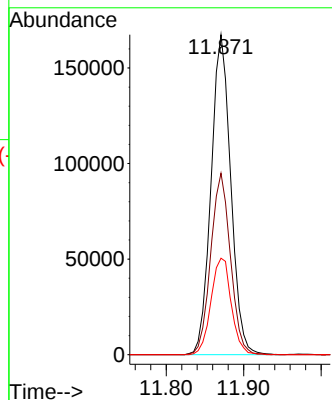
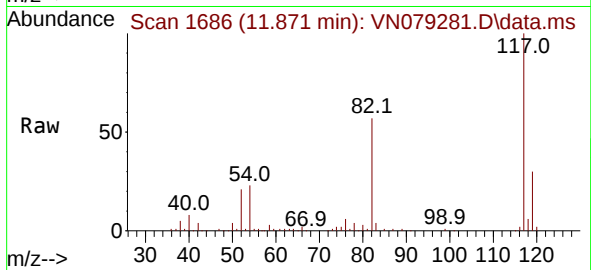
Tgt Ion:117 Resp: 295587

Ion Ratio Lower Upper

117 100

82 56.7 44.0 66.0

119 30.2 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: VN079281.D

Acq: 15 Sep 2023 18:55

Tgt Ion:152 Resp: 77467

Ion Ratio Lower Upper

152 100

115 61.2 32.3 96.8

150 157.4 0.0 355.8

