

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077955.D
 Acq On : 27 May 2023 04:27
 Operator : JC\MD
 Sample : 02970-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: May 29 01:43:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	360155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	668201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	579636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	179427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	256143	47.532	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.060%
35) Dibromofluoromethane	8.177	113	216419	49.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.340%
50) Toluene-d8	10.577	98	829134	49.437	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.859	95	263124	44.422	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.840%

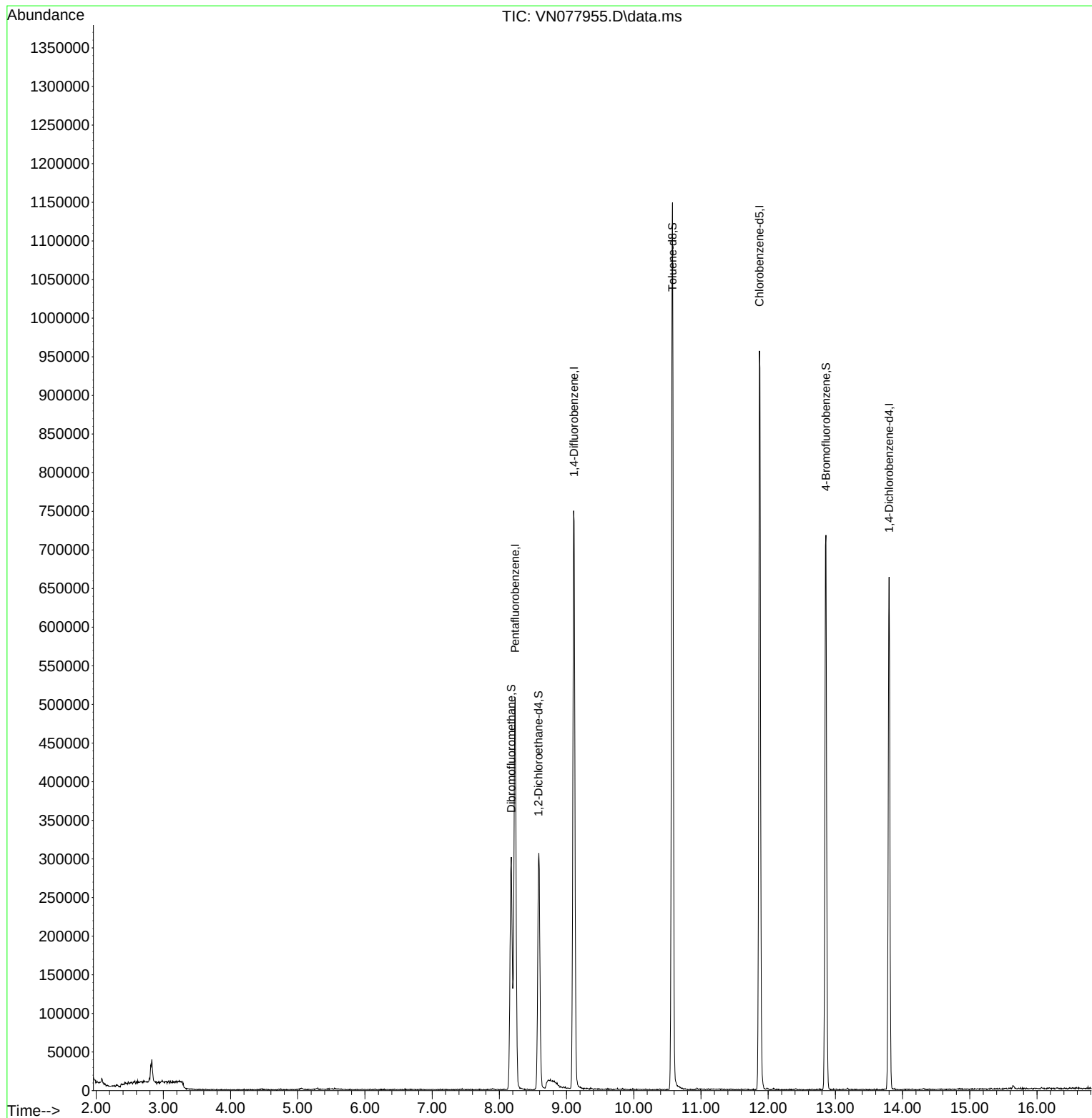
Target Compounds	Qvalue

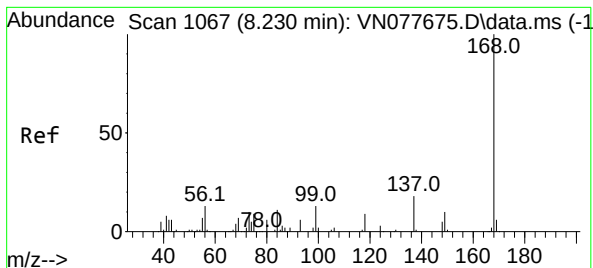
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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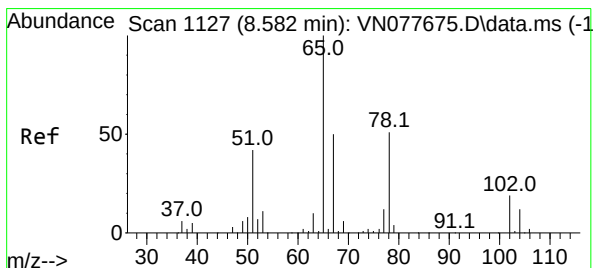
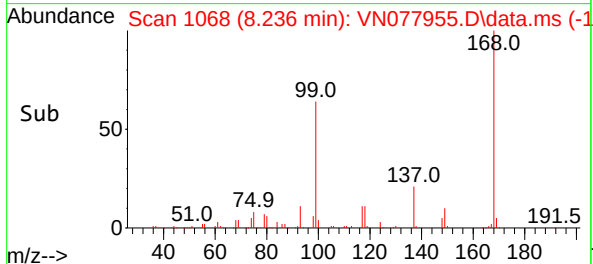
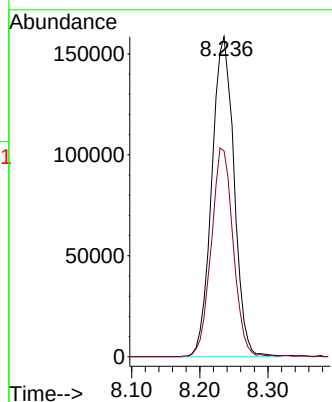
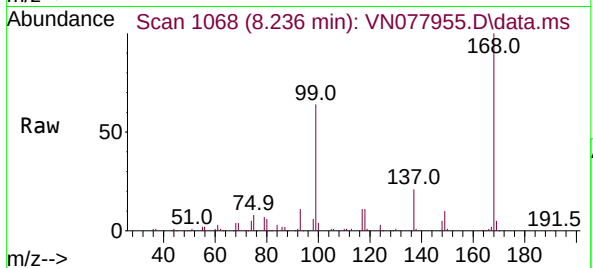




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

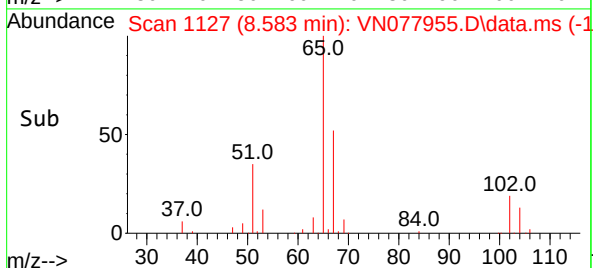
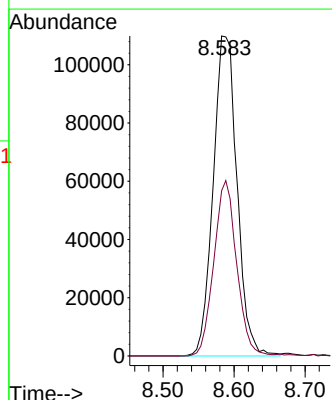
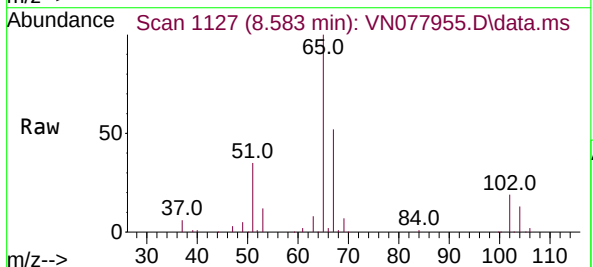
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

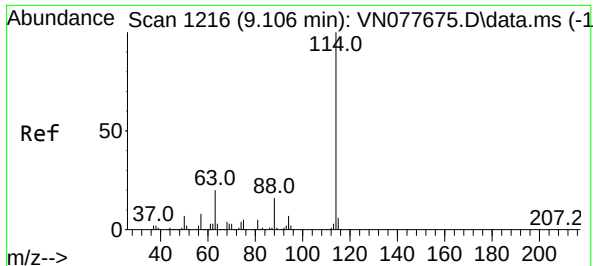
Tgt Ion:168 Resp: 360155
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.532 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

Tgt Ion: 65 Resp: 256143
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077955.D

Acq: 27 May 2023 04:27

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

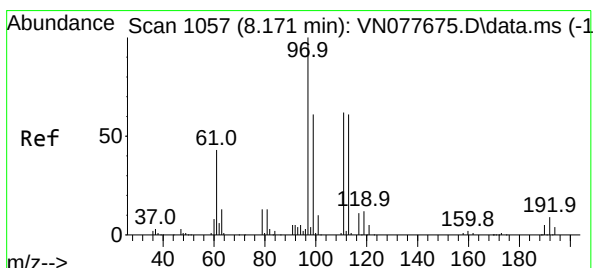
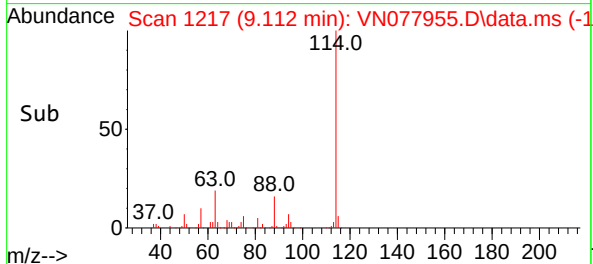
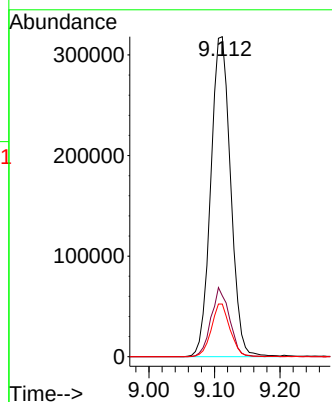
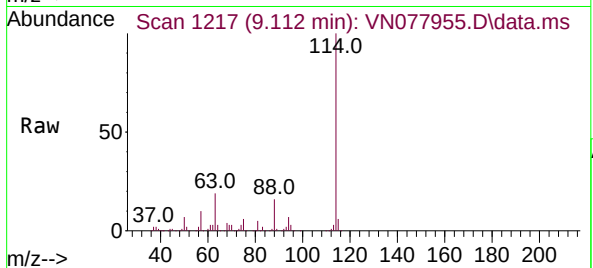
Tgt Ion:114 Resp: 668201

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.669 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077955.D

Acq: 27 May 2023 04:27

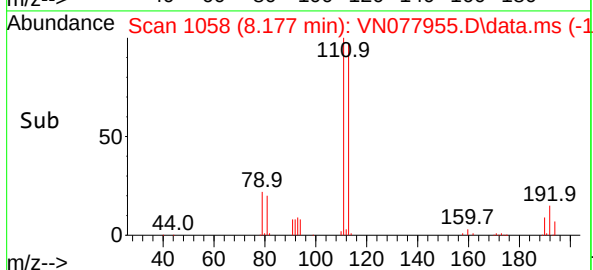
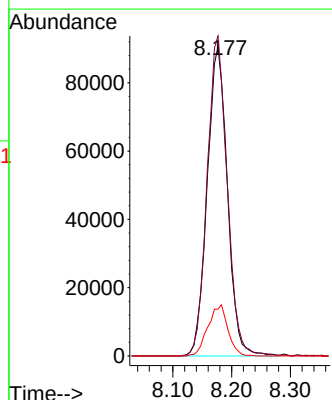
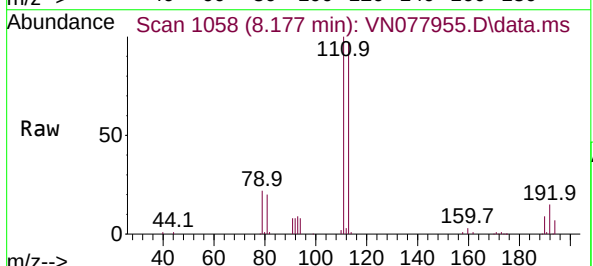
Tgt Ion:113 Resp: 216419

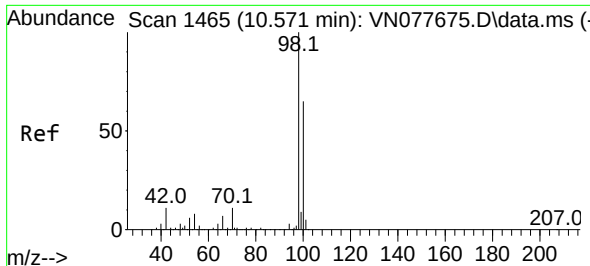
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 16.3 12.7 19.1

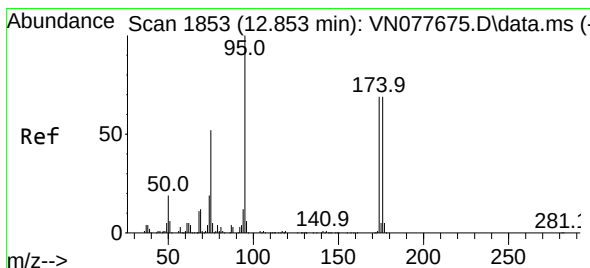
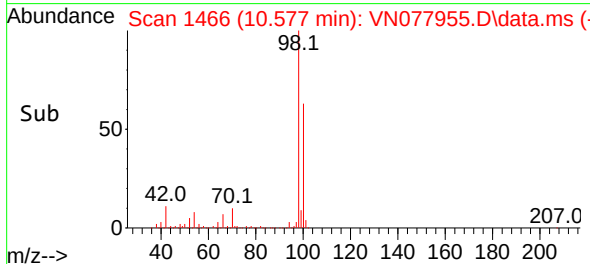
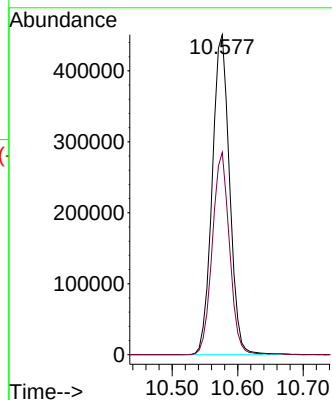
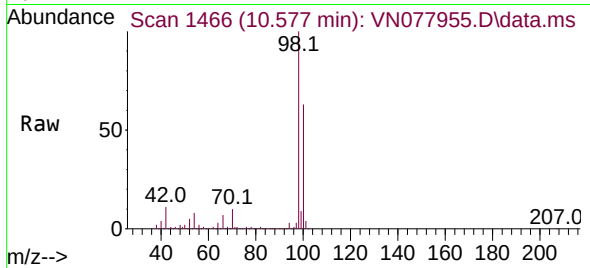




#50
Toluene-d8
Concen: 49.437 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

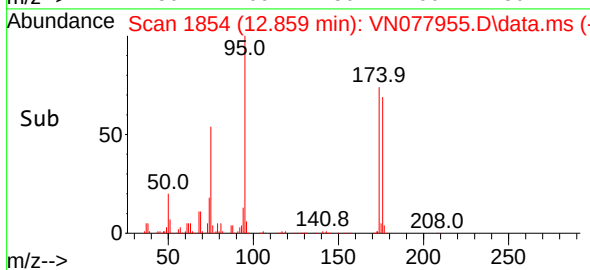
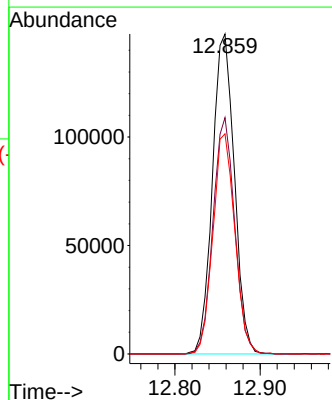
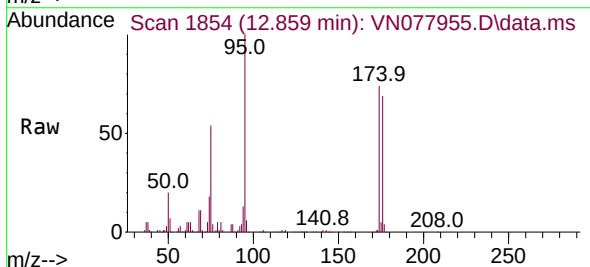
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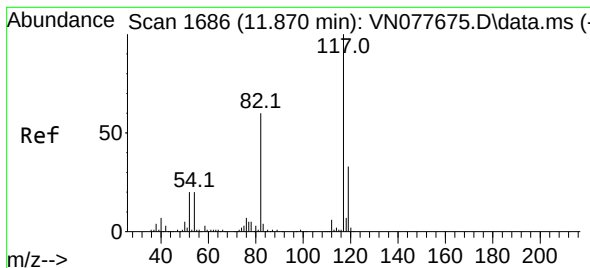
Tgt Ion: 98 Resp: 829134
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.422 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

Tgt Ion: 95 Resp: 263124
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 68.9 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: VN077955.D

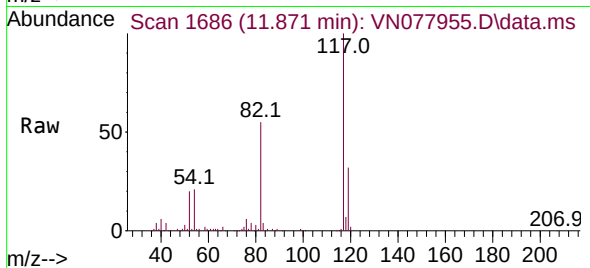
Acq: 27 May 2023 04:27

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



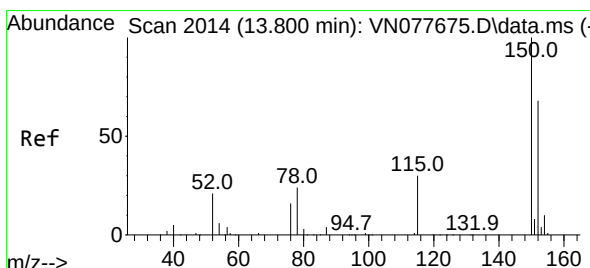
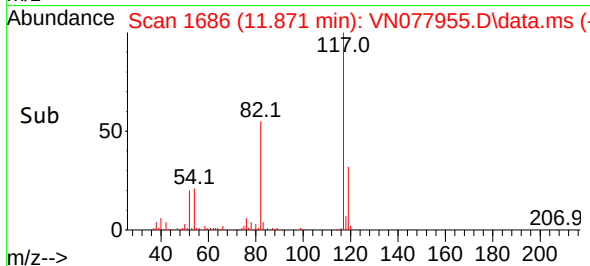
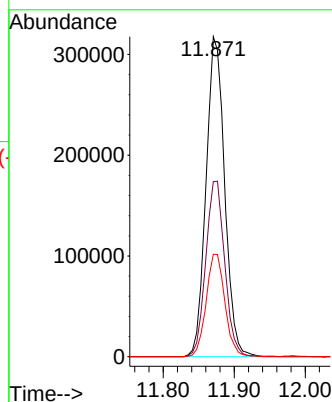
Tgt Ion:117 Resp: 579636

Ion Ratio Lower Upper

117 100

82 54.7 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. -0.000 min

Lab File: VN077955.D

Acq: 27 May 2023 04:27

Tgt Ion:152 Resp: 179427

Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

150 156.7 0.0 355.8

