

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078693.D
 Acq On : 28 Jul 2023 18:31
 Operator : JC\MD
 Sample : 03820-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 29 00:53:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	655799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1189468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1063146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	348544	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	418250	47.573	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.140%
35) Dibromofluoromethane	8.177	113	413926	51.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	10.576	98	1425411	46.730	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.460%
62) 4-Bromofluorobenzene	12.853	95	468536	49.868	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.740%

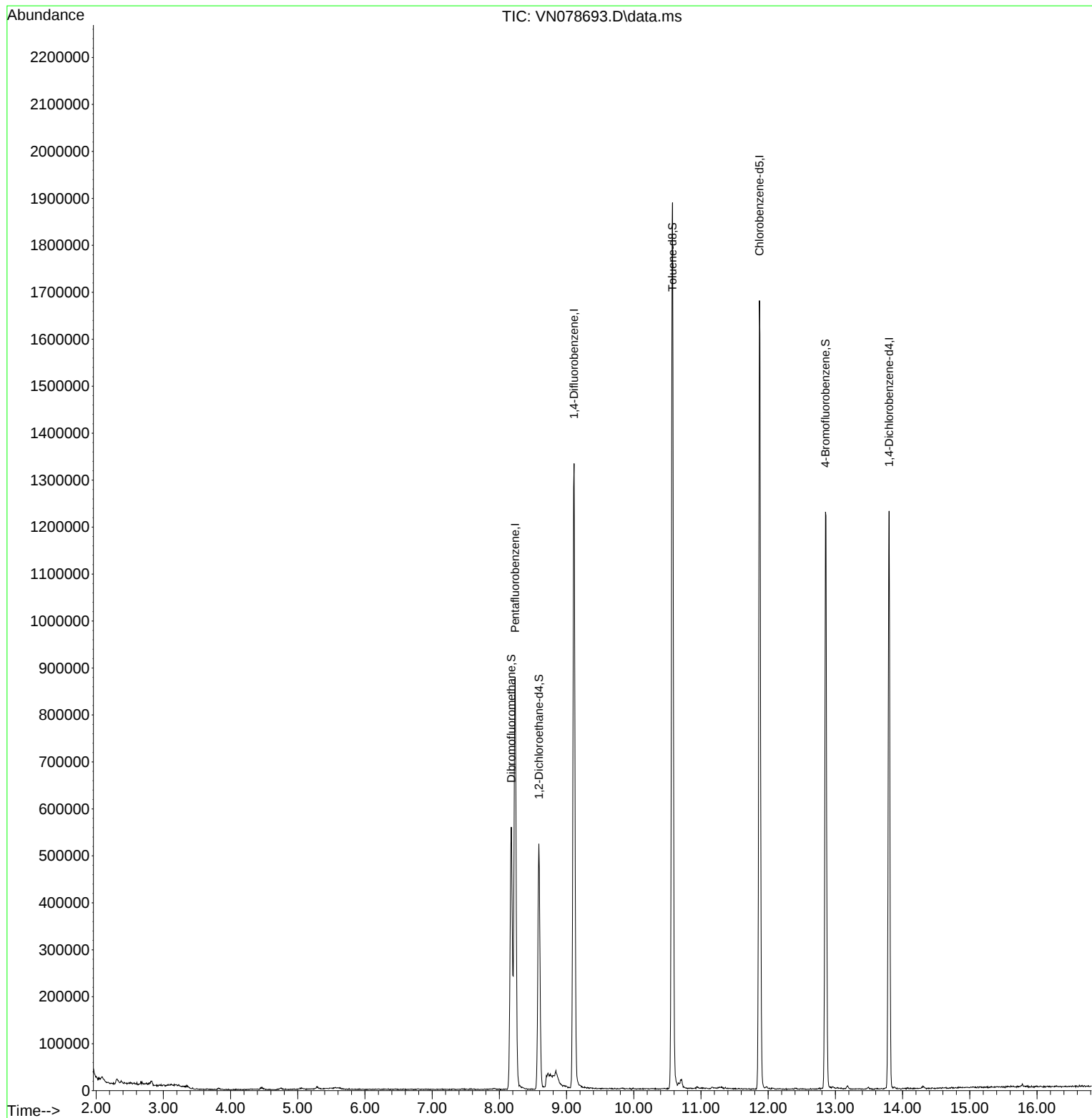
Target Compounds	Qvalue

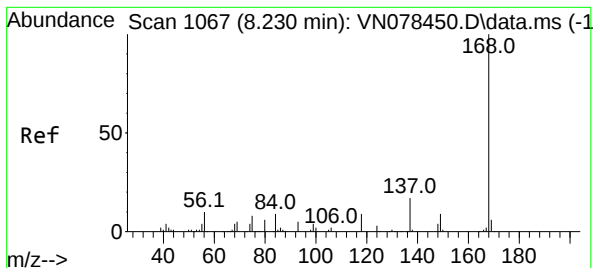
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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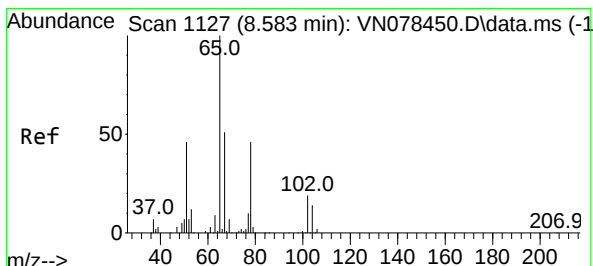
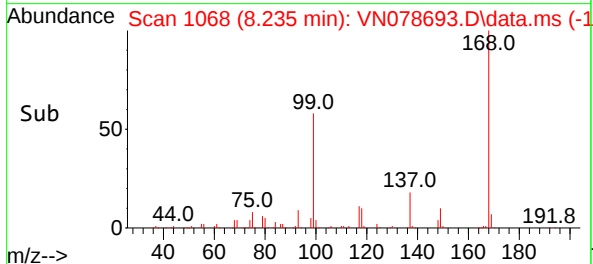
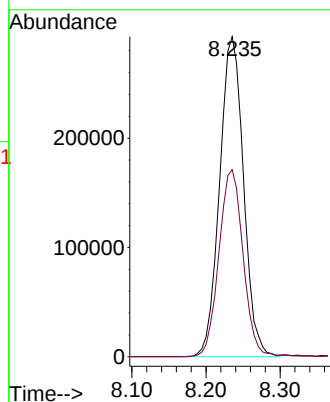
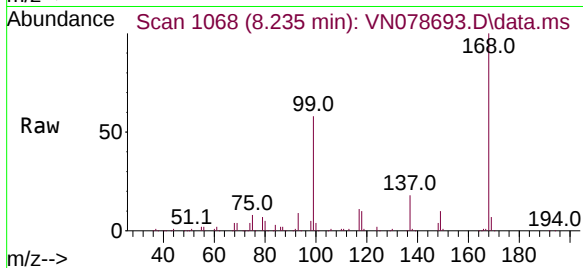




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078693.D
Acq: 28 Jul 2023 18:31

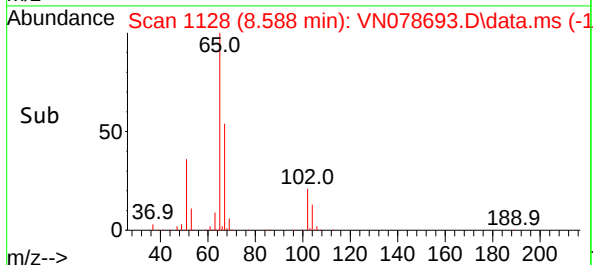
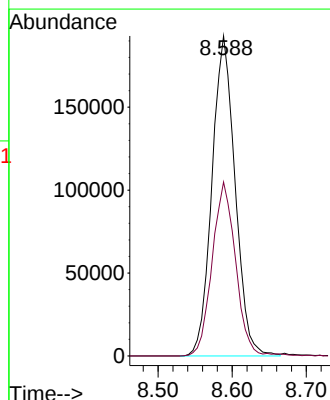
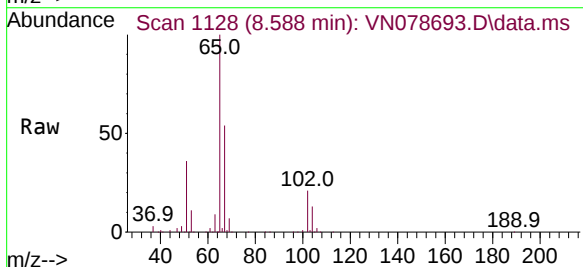
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

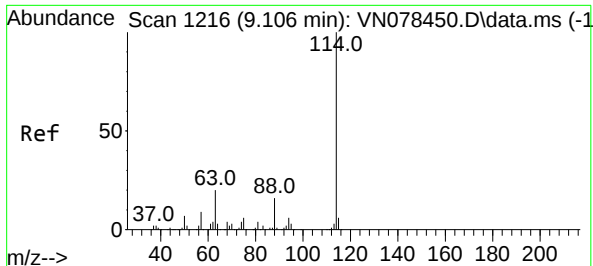
Tgt Ion:168 Resp: 655799
Ion Ratio Lower Upper
168 100
99 58.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.573 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078693.D
Acq: 28 Jul 2023 18:31

Tgt Ion: 65 Resp: 418250
Ion Ratio Lower Upper
65 100
67 55.1 0.0 106.6

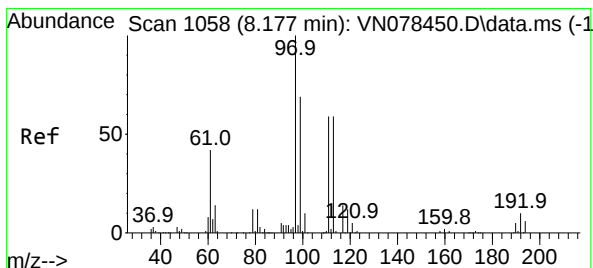
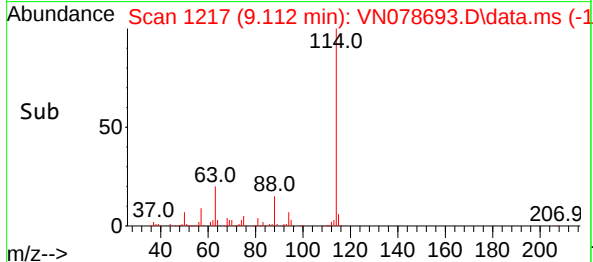
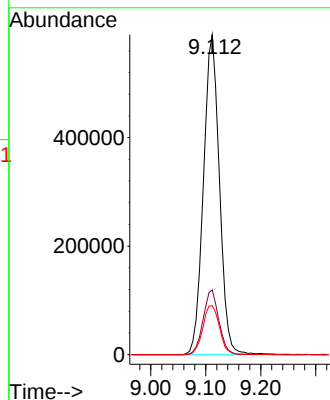
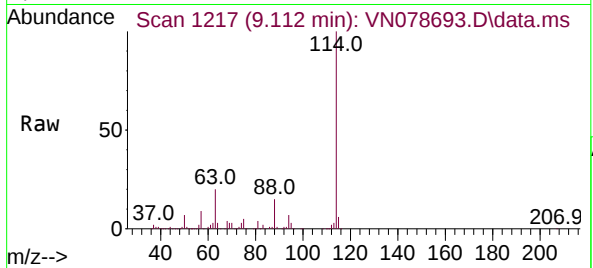




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078693.D
Acq: 28 Jul 2023 18:31

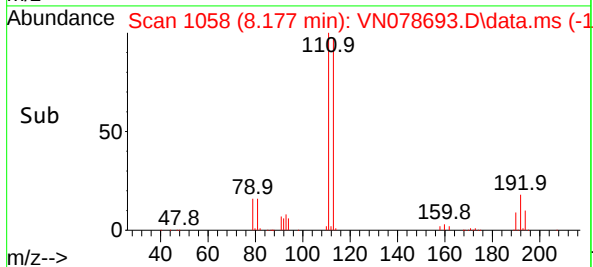
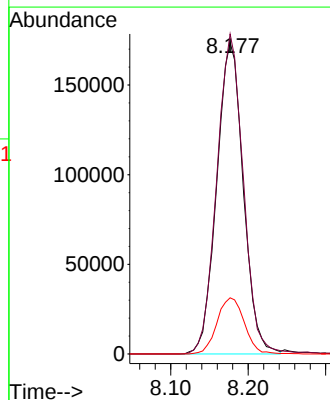
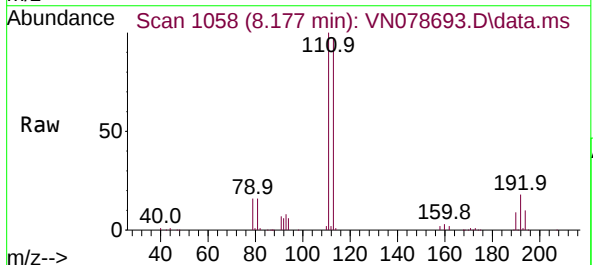
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

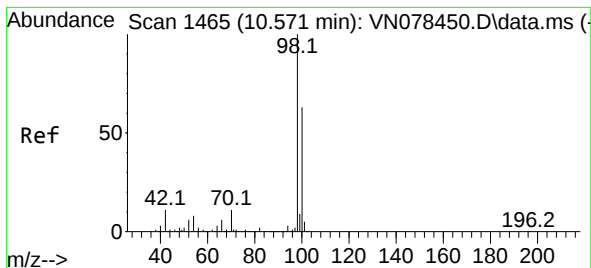
Tgt Ion:114 Resp: 1189468
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.263 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078693.D
Acq: 28 Jul 2023 18:31

Tgt Ion:113 Resp: 413926
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 18.6 12.7 19.1

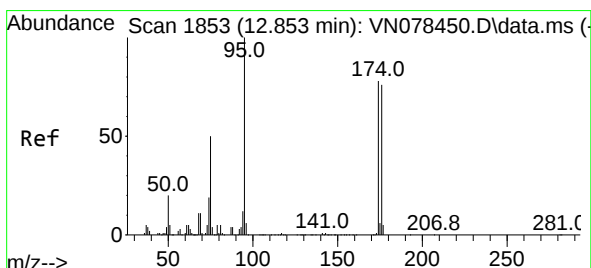
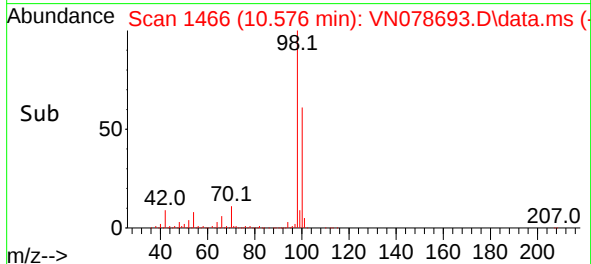
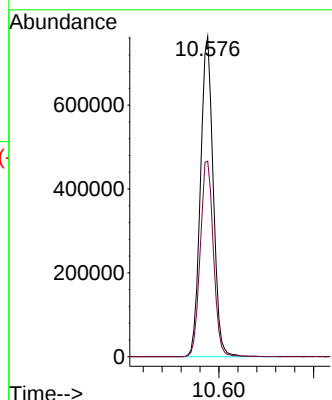
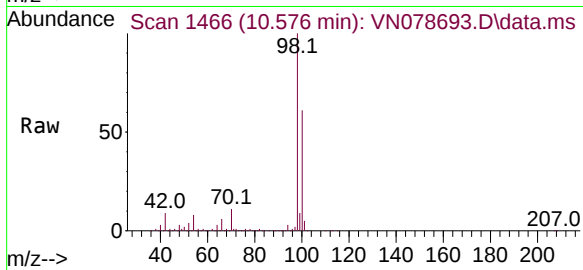




#50
Toluene-d8
Concen: 46.730 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078693.D
Acq: 28 Jul 2023 18:31

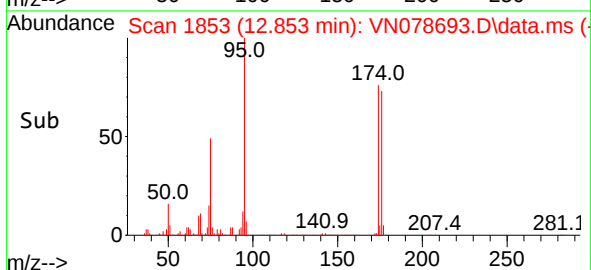
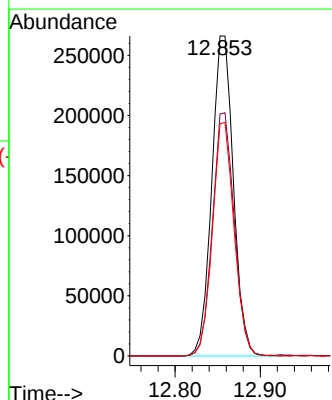
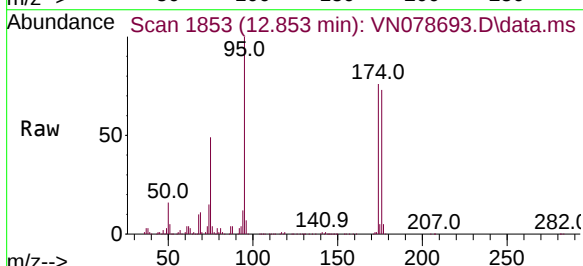
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

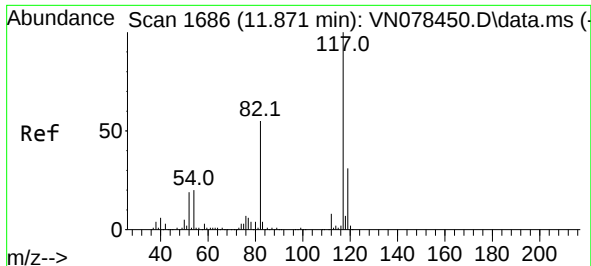
Tgt Ion: 98 Resp: 1425411
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.868 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078693.D
Acq: 28 Jul 2023 18:31

Tgt Ion: 95 Resp: 468536
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 73.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078693.D

Acq: 28 Jul 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

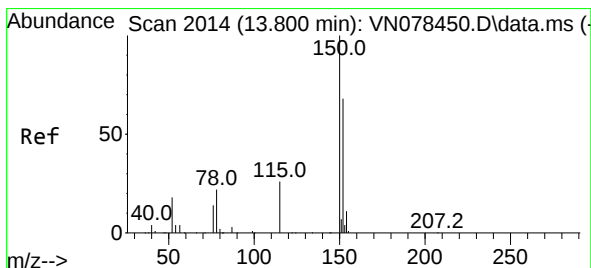
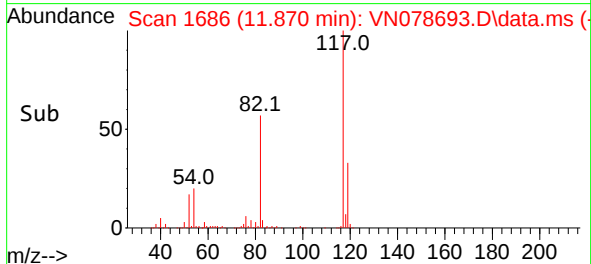
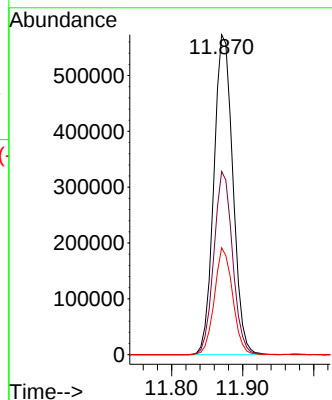
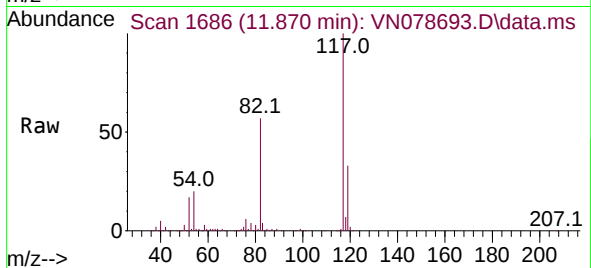
Tgt Ion:117 Resp: 1063146

Ion Ratio Lower Upper

117 100

82 57.3 44.0 66.0

119 33.4 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: VN078693.D

Acq: 28 Jul 2023 18:31

Tgt Ion:152 Resp: 348544

Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 157.4 0.0 355.8

