

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079193.D
 Acq On : 08 Sep 2023 13:27
 Operator : JC\MD
 Sample : 04329-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230905043-01 TRIP BLANK

Quant Time: Sep 08 17:20:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	25721	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	136596	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	119685	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	60652	31.386	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.633%
60) 4-Bromofluorobenzene	12.859	95	41023	23.262	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.533%
63) Toluene-d8	10.571	98	167069	29.869	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.567%

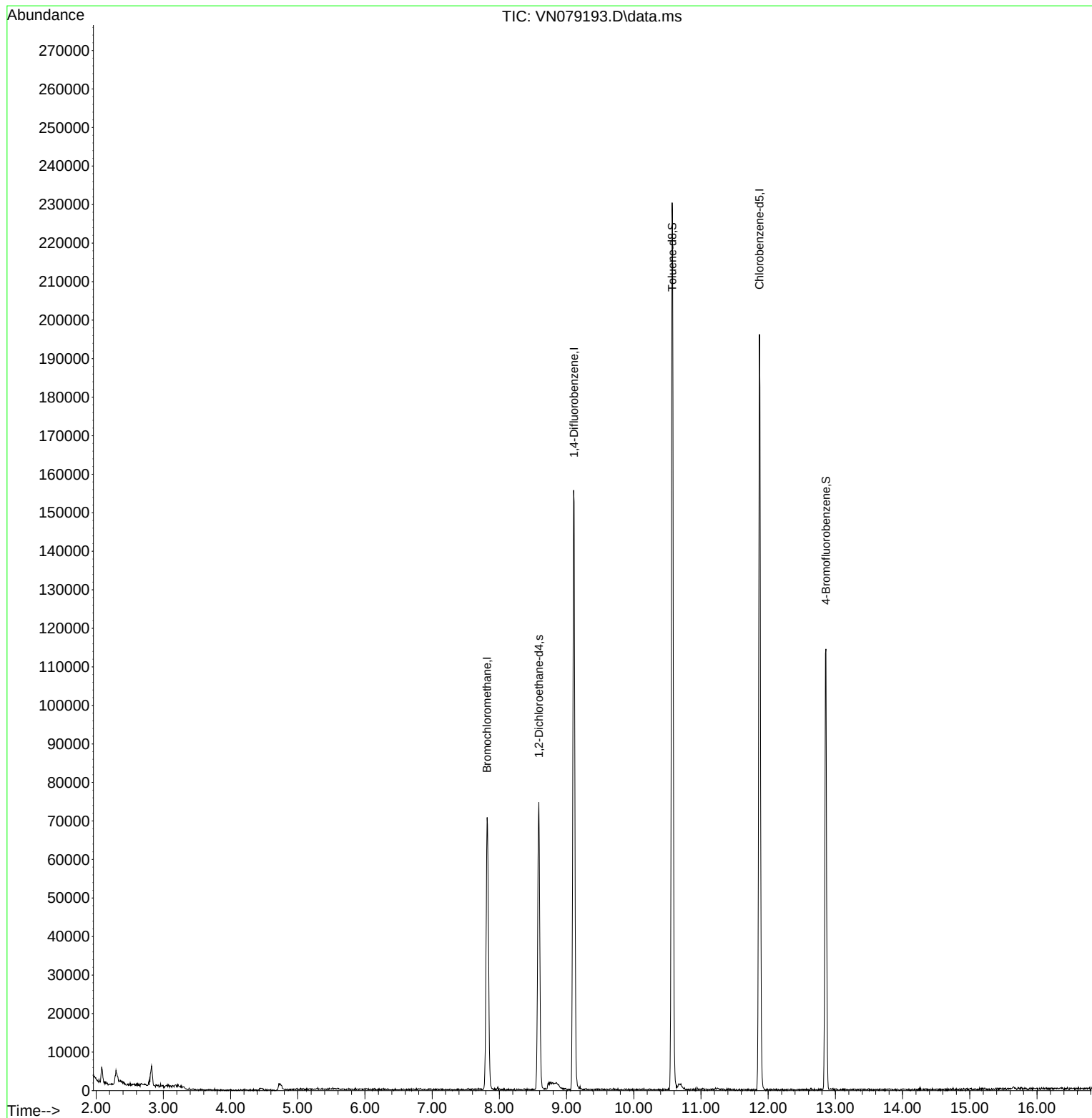
Target Compounds	Qvalue

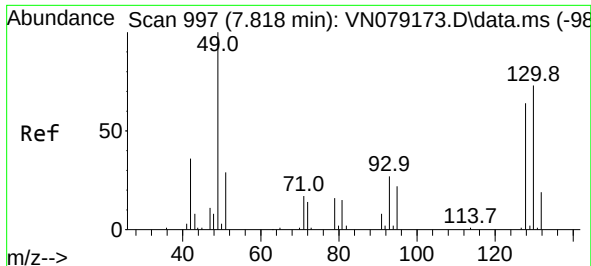
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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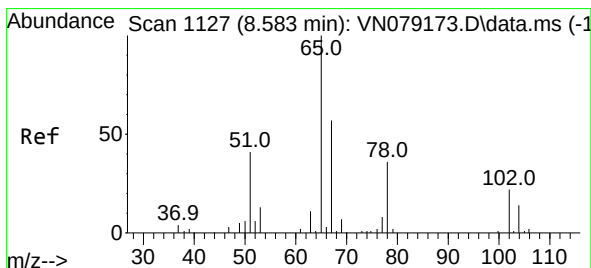
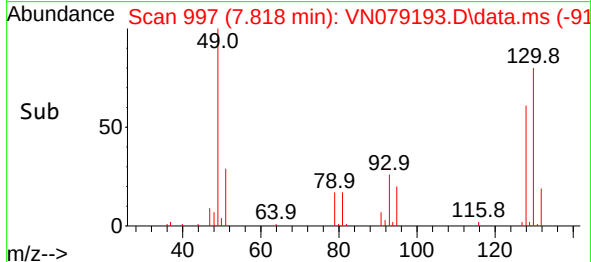
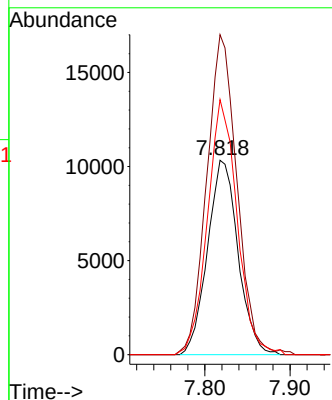
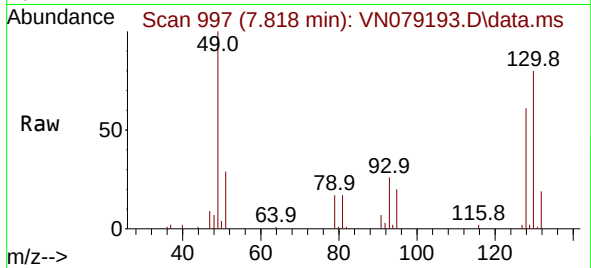




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079193.D
Acq: 08 Sep 2023 13:27

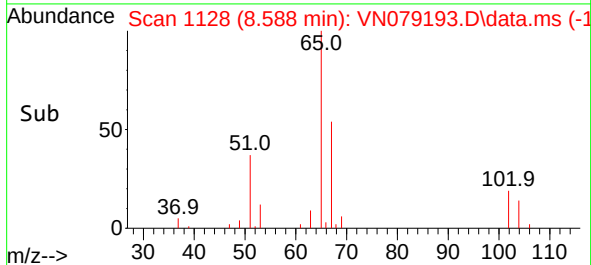
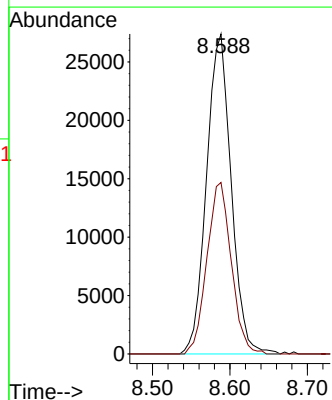
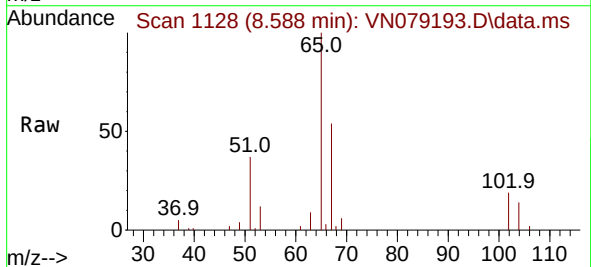
Instrument :
MSVOA_N
ClientSampleId :
230905043-01 TRIP BLANK

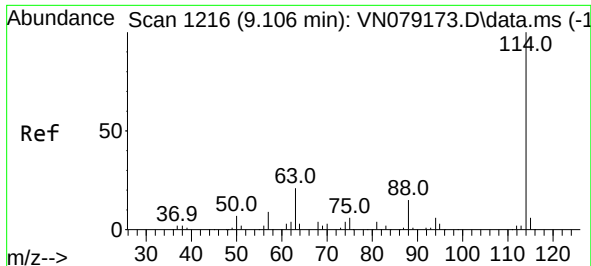
Tgt Ion:128 Resp: 25721
Ion Ratio Lower Upper
128 100
49 162.2 0.0 414.3
130 127.1 0.0 311.0



#27
1,2-Dichloroethane-d4
Concen: 31.386 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079193.D
Acq: 08 Sep 2023 13:27

Tgt Ion: 65 Resp: 60652
Ion Ratio Lower Upper
65 100
67 52.9 44.4 66.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079193.D

Acq: 08 Sep 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

230905043-01 TRIP BLANK

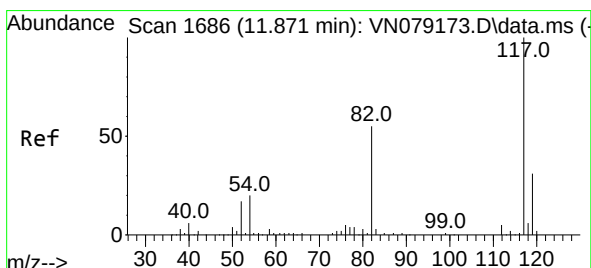
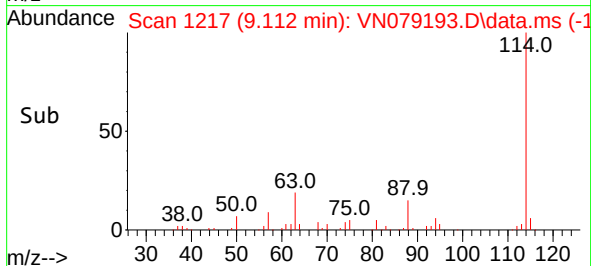
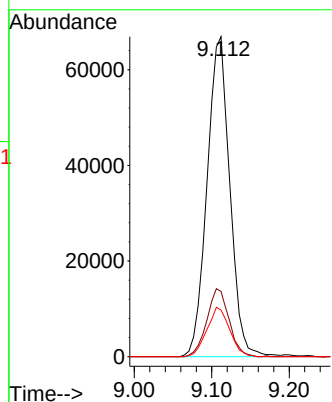
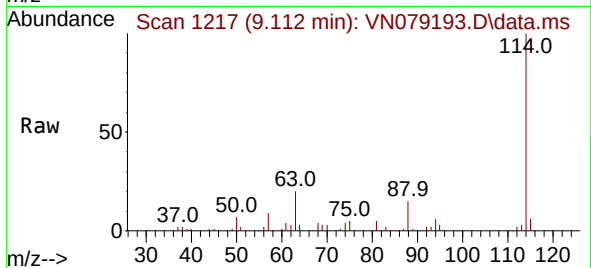
Tgt Ion:114 Resp: 136596

Ion Ratio Lower Upper

114 100

63 20.7 17.0 25.4

88 15.4 12.8 19.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.001 min

Lab File: VN079193.D

Acq: 08 Sep 2023 13:27

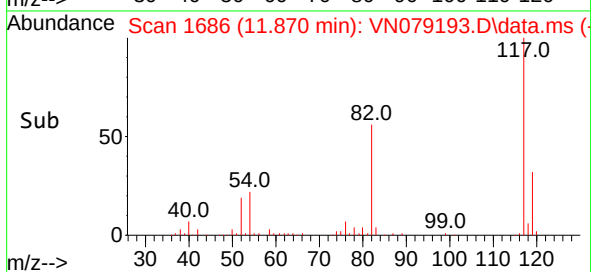
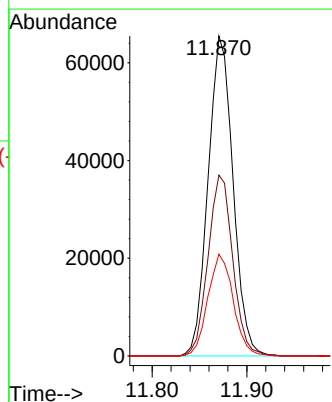
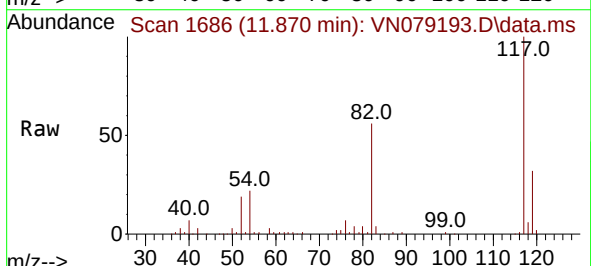
Tgt Ion:117 Resp: 119685

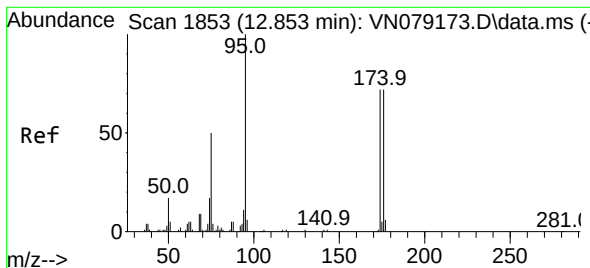
Ion Ratio Lower Upper

117 100

82 56.2 44.7 67.1

119 32.4 24.9 37.3

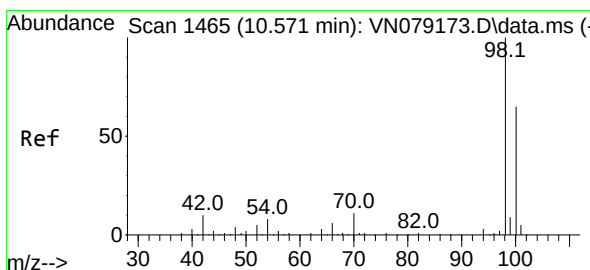
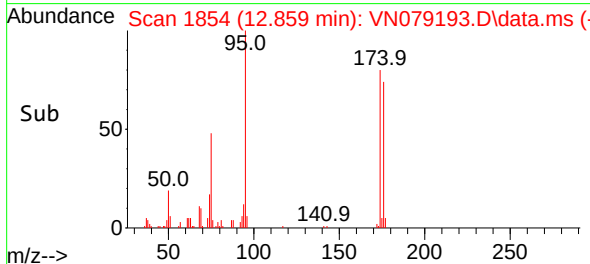
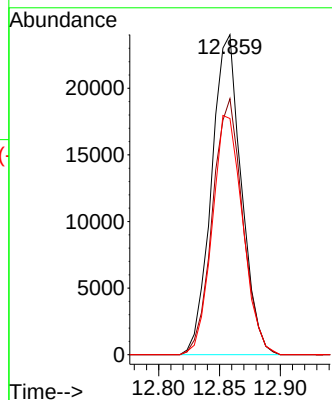
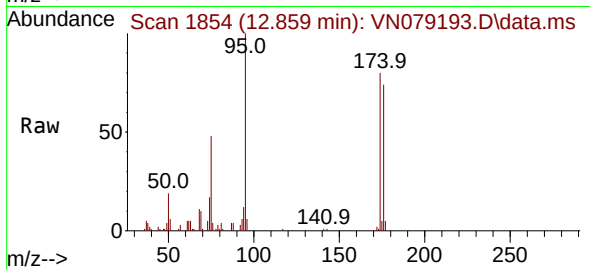




#60
4-Bromofluorobenzene
Concen: 23.262 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079193.D
Acq: 08 Sep 2023 13:27

Instrument :
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230905043-01 TRIP BLANK

Tgt Ion: 95 Resp: 41023
Ion Ratio Lower Upper
95 100
174 80.7 59.5 89.3
176 76.4 59.1 88.7



#63
Toluene-d8
Concen: 29.869 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079193.D
Acq: 08 Sep 2023 13:27

Tgt Ion: 98 Resp: 167069
Ion Ratio Lower Upper
98 100
100 63.7 52.5 78.7

