

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079200.D
 Acq On : 08 Sep 2023 16:17
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 08 23:17:11 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	19325	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	94066	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	81788	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	44421	30.595	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.967%
60) 4-Bromofluorobenzene	12.853	95	26565	22.044	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	73.467%
63) Toluene-d8	10.571	98	113837	29.783	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.267%

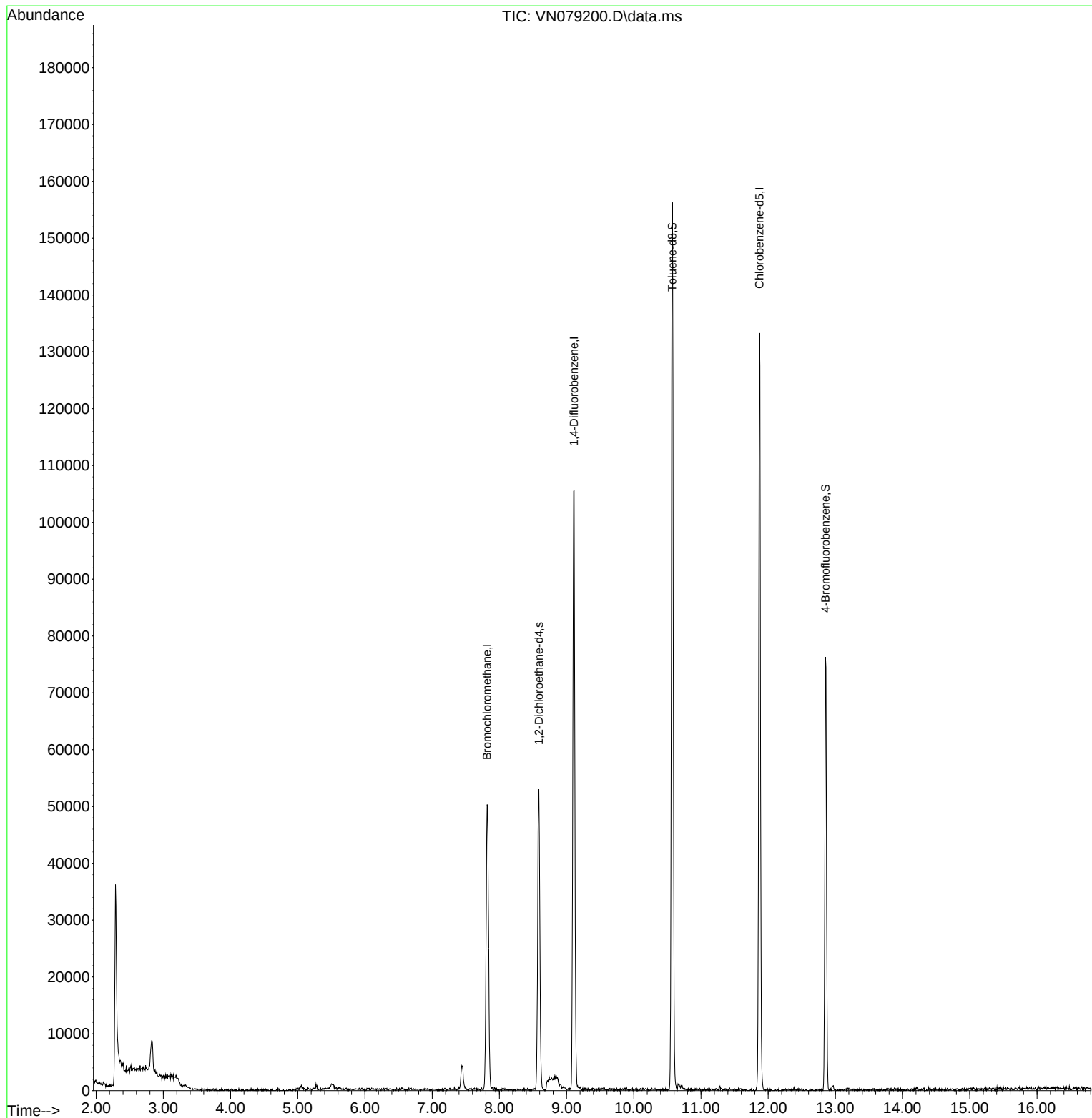
Target Compounds	Qvalue

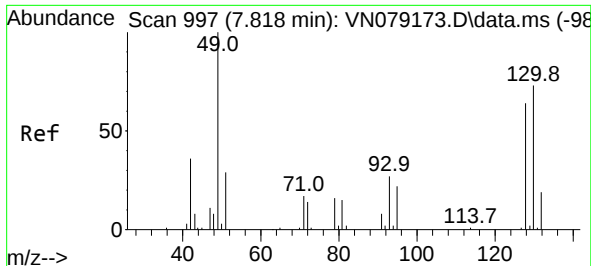
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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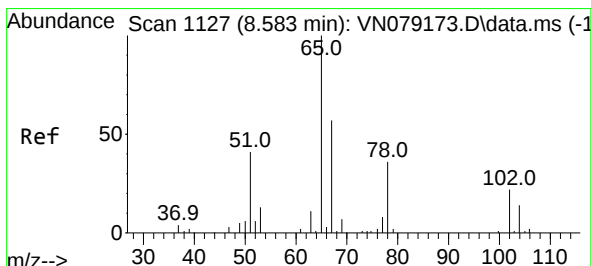
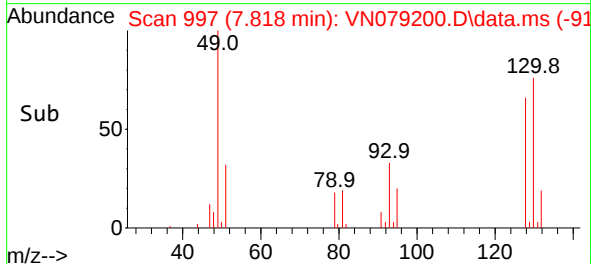
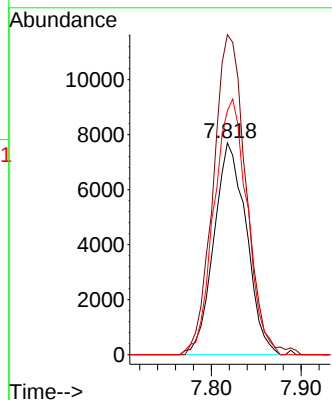
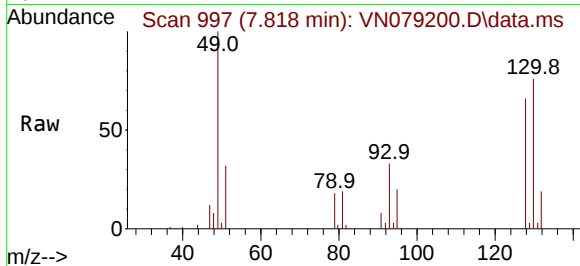




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079200.D
Acq: 08 Sep 2023 16:17

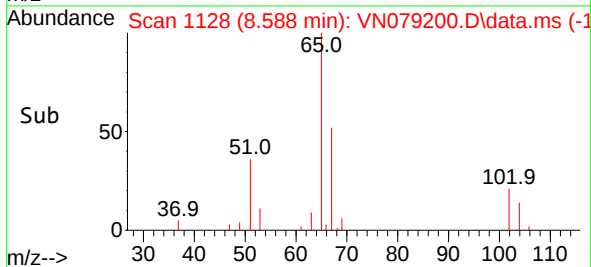
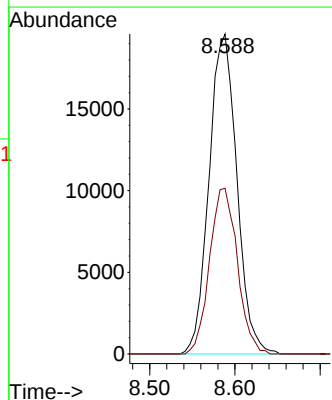
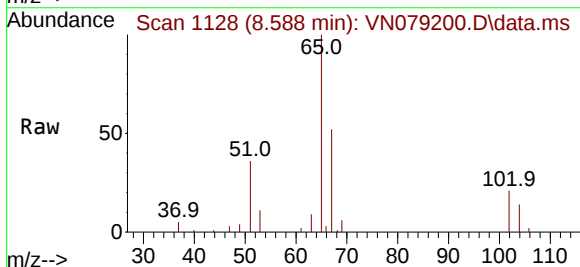
Instrument :
MSVOA_N
ClientSampleId :
IBLK

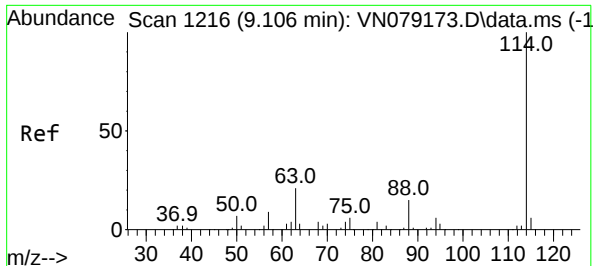
Tgt Ion:	128	Resp:	19325
Ion	Ratio	Lower	Upper
128	100		
49	151.9	0.0	414.3
130	123.5	0.0	311.0



#27
1,2-Dichloroethane-d4
Concen: 30.595 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079200.D
Acq: 08 Sep 2023 16:17

Tgt Ion:	65	Resp:	44421
Ion	Ratio	Lower	Upper
65	100		
67	51.7	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: VN079200.D

Acq: 08 Sep 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

IBLK

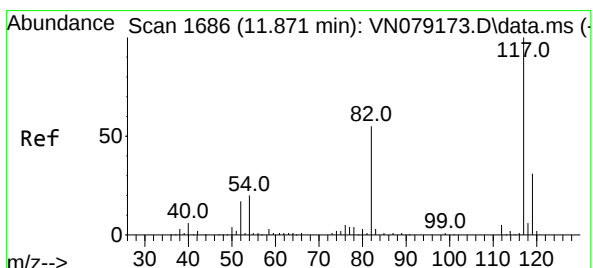
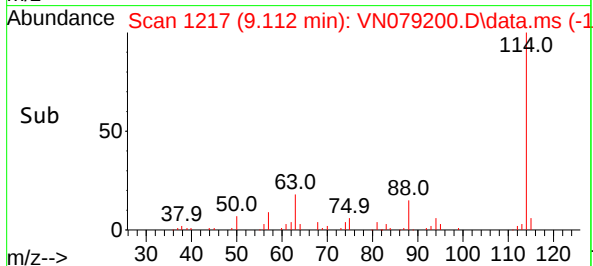
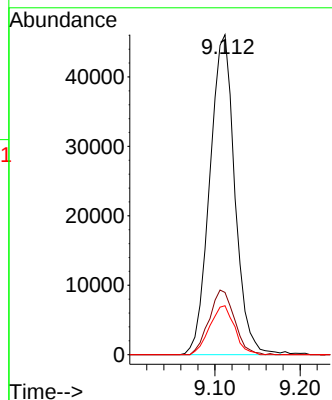
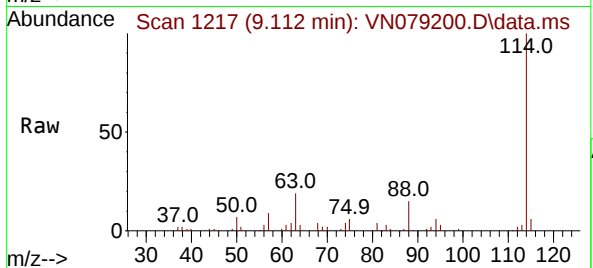
Tgt Ion:114 Resp: 94066

Ion Ratio Lower Upper

114 100

63 20.4 17.0 25.4

88 15.2 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: VN079200.D

Acq: 08 Sep 2023 16:17

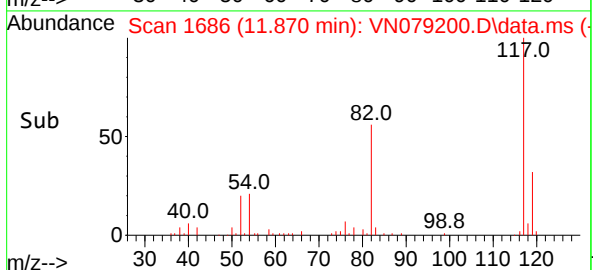
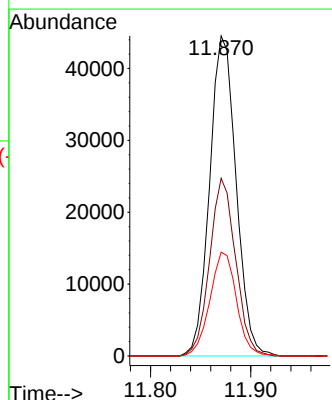
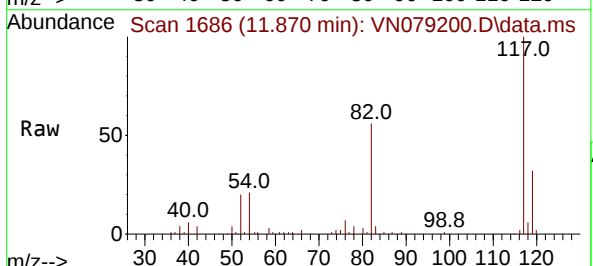
Tgt Ion:117 Resp: 81788

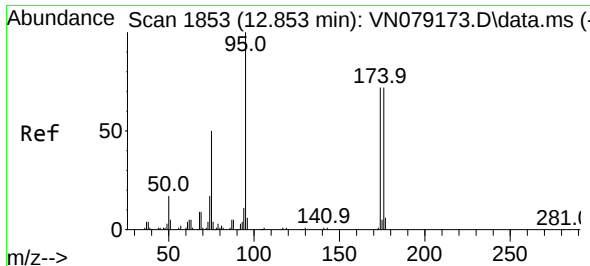
Ion Ratio Lower Upper

117 100

82 54.4 44.7 67.1

119 32.6 24.9 37.3

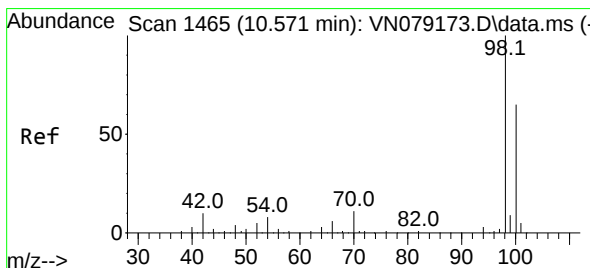
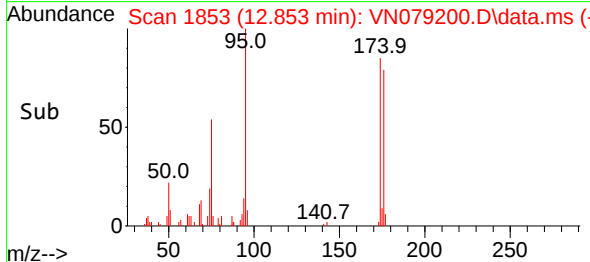
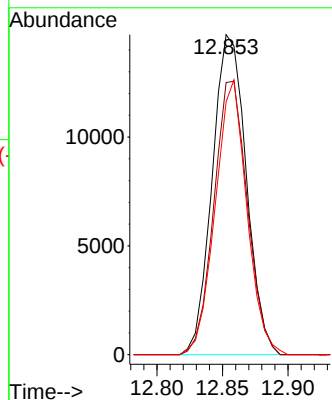
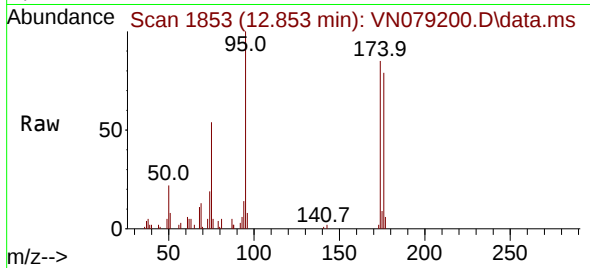




#60
4-Bromofluorobenzene
Concen: 22.044 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079200.D
Acq: 08 Sep 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 26565
Ion Ratio Lower Upper
95 100
174 84.0 59.5 89.3
176 79.5 59.1 88.7



#63
Toluene-d8
Concen: 29.783 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079200.D
Acq: 08 Sep 2023 16:17

Tgt Ion: 98 Resp: 113837
Ion Ratio Lower Upper
98 100
100 63.8 52.5 78.7

