

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078372.D
 Acq On : 23 Jun 2023 12:21
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 24 01:04:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:59:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	73668	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	419200	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	326235	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	173257	31.232	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.100%	
60) 4-Bromofluorobenzene	12.853	95	107723	23.437	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 78.133%	
63) Toluene-d8	10.571	98	501335	31.716	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 105.733%	

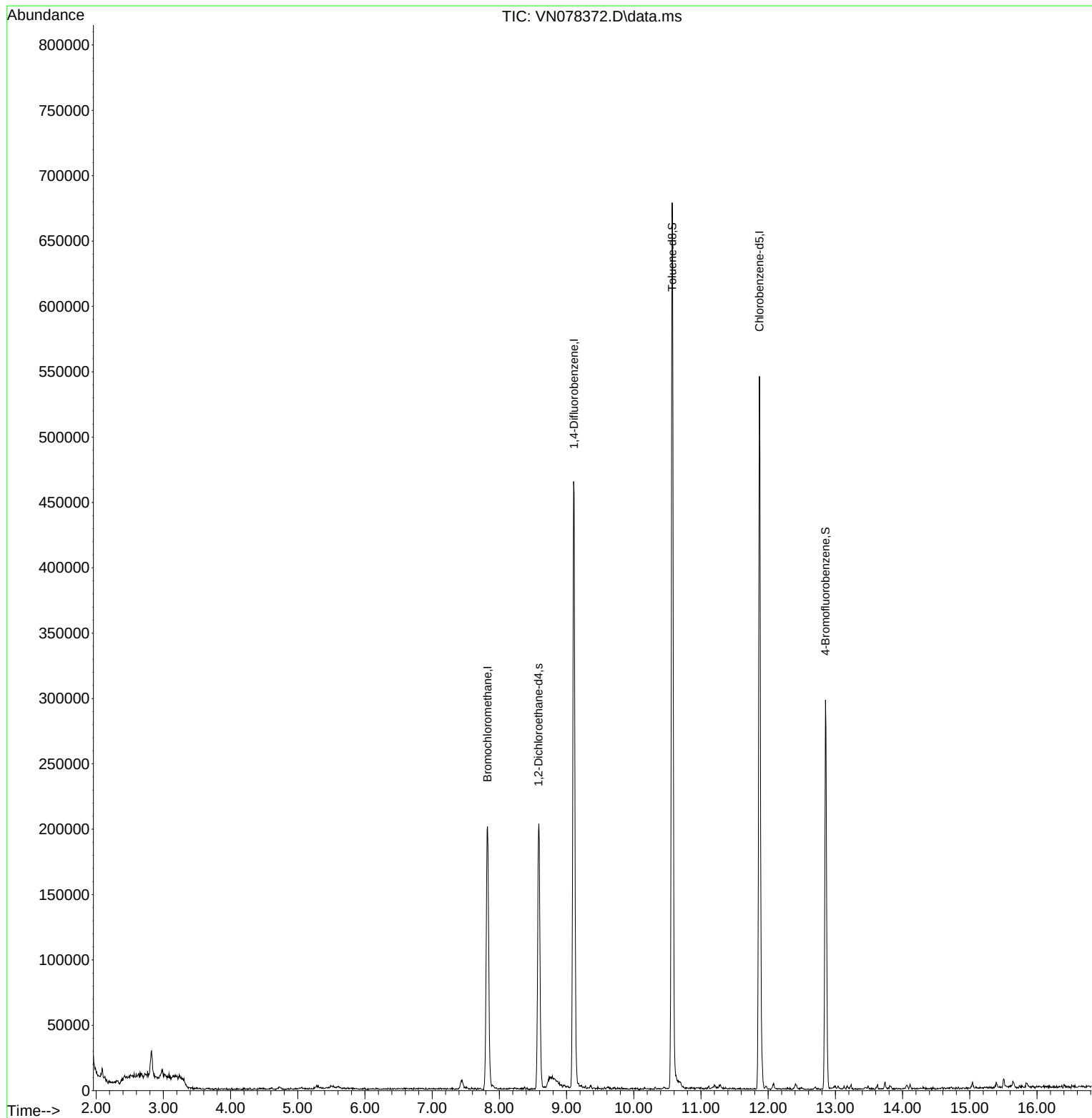
Target Compounds	Qvalue

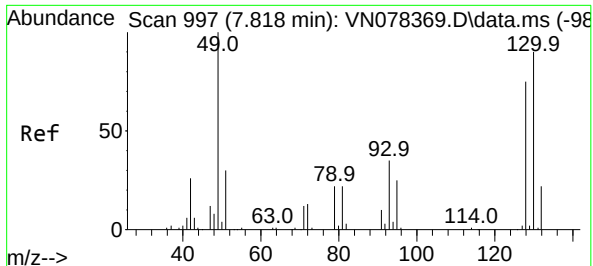
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
Data File : VN078372.D
Acq On : 23 Jun 2023 12:21
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jun 24 01:04:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 24 00:59:50 2023
Response via : Initial Calibration

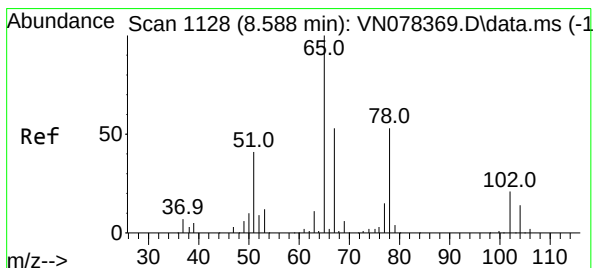
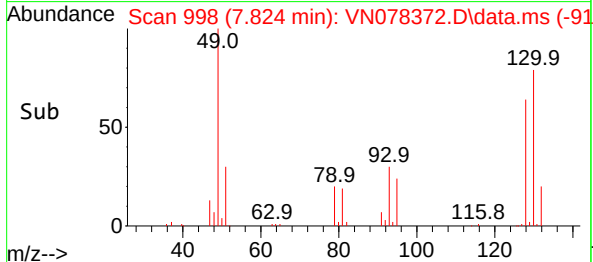
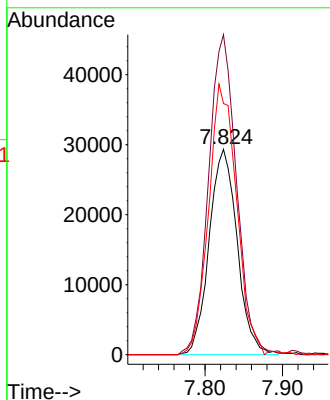
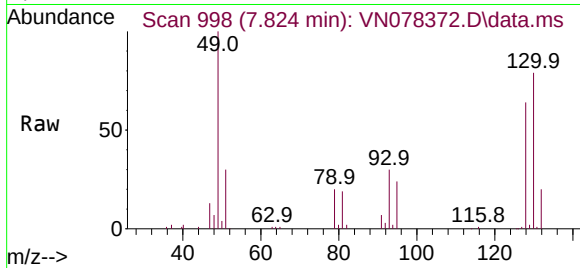




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078372.D
Acq: 23 Jun 2023 12:21

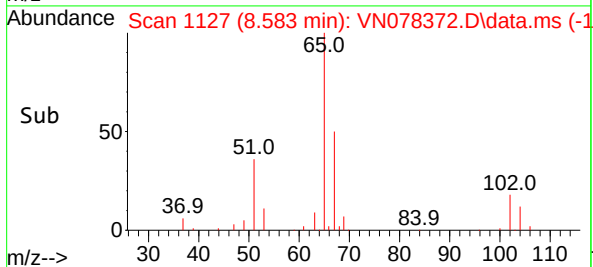
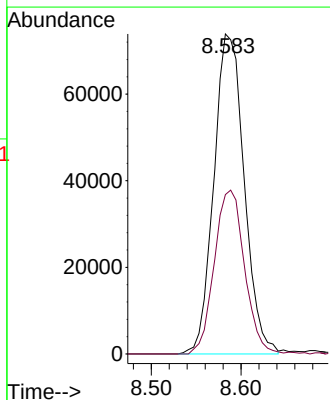
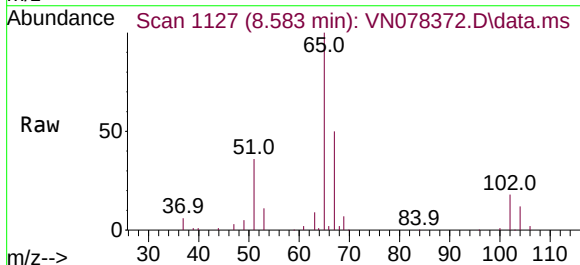
Instrument :
MSVOA_N
ClientSampleId :
IBLK

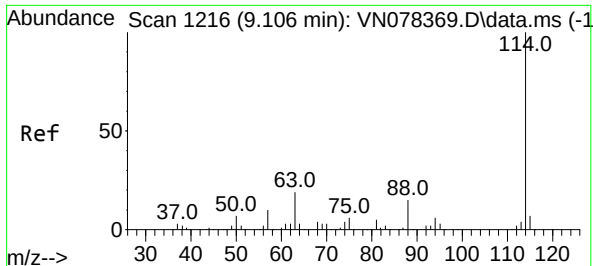
Tgt Ion:128 Resp: 73668
Ion Ratio Lower Upper
128 100
49 154.7 0.0 370.8
130 131.8 0.0 307.0



#27
1,2-Dichloroethane-d4
Concen: 31.232 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN078372.D
Acq: 23 Jun 2023 12:21

Tgt Ion: 65 Resp: 173257
Ion Ratio Lower Upper
65 100
67 51.0 42.9 64.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078372.D

Acq: 23 Jun 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

IBLK

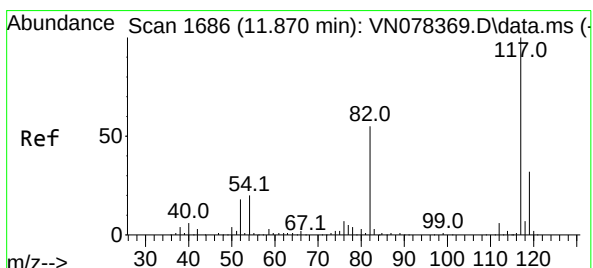
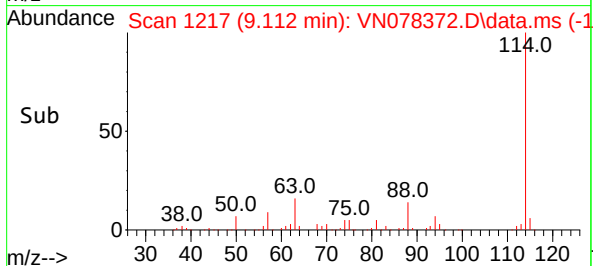
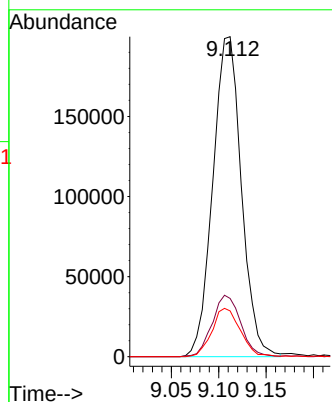
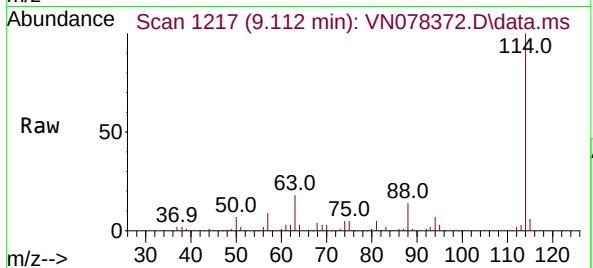
Tgt Ion:114 Resp: 419200

Ion Ratio Lower Upper

114 100

63 19.2 15.2 22.8

88 14.8 12.5 18.7



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN078372.D

Acq: 23 Jun 2023 12:21

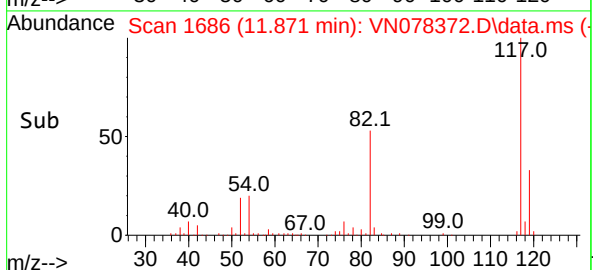
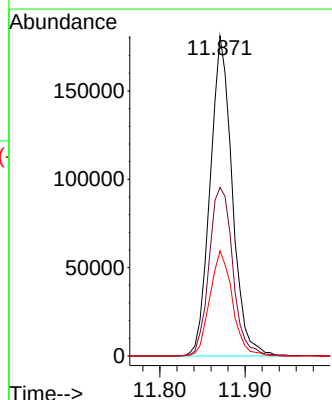
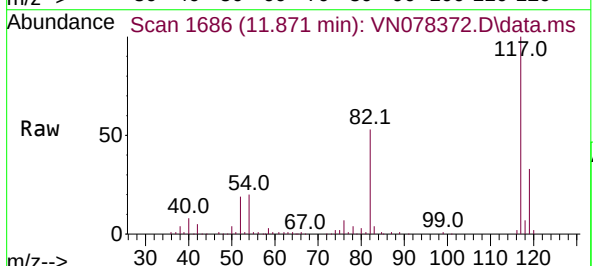
Tgt Ion:117 Resp: 326235

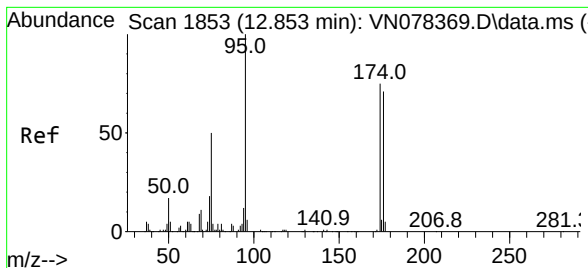
Ion Ratio Lower Upper

117 100

82 56.6 43.9 65.9

119 33.5 26.2 39.4

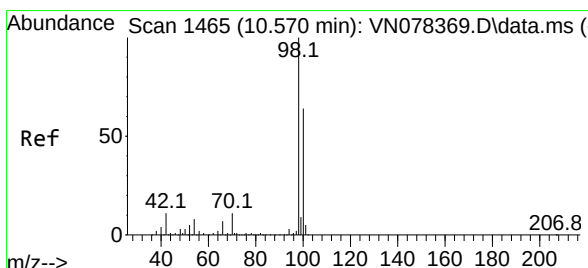
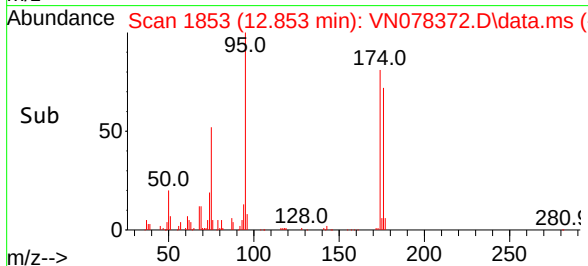
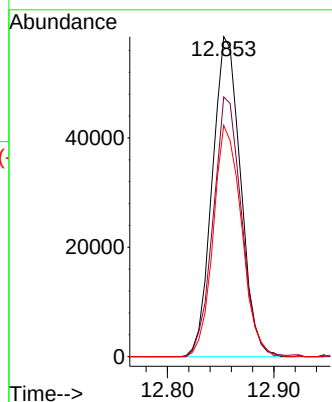
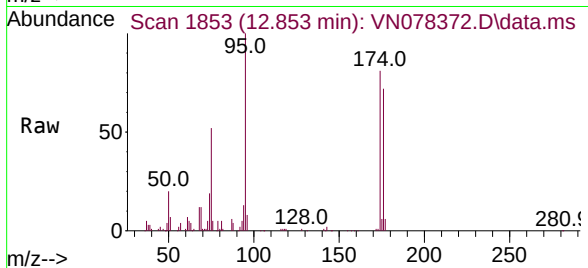




#60
4-Bromofluorobenzene
Concen: 23.437 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078372.D
Acq: 23 Jun 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 107723
Ion Ratio Lower Upper
95 100
174 81.1 61.7 92.5
176 72.3 58.1 87.1



#63
Toluene-d8
Concen: 31.716 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078372.D
Acq: 23 Jun 2023 12:21

Tgt Ion: 98 Resp: 501335
Ion Ratio Lower Upper
98 100
100 62.6 49.7 74.5

