

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078809.D
 Acq On : 08 Aug 2023 19:52
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 09 04:42:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 04:37:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	28793	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	157449	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	123985	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	70517	31.887	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.300%
60) 4-Bromofluorobenzene	12.853	95	38457	20.471	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	68.233%
63) Toluene-d8	10.571	98	187476	30.201	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.667%

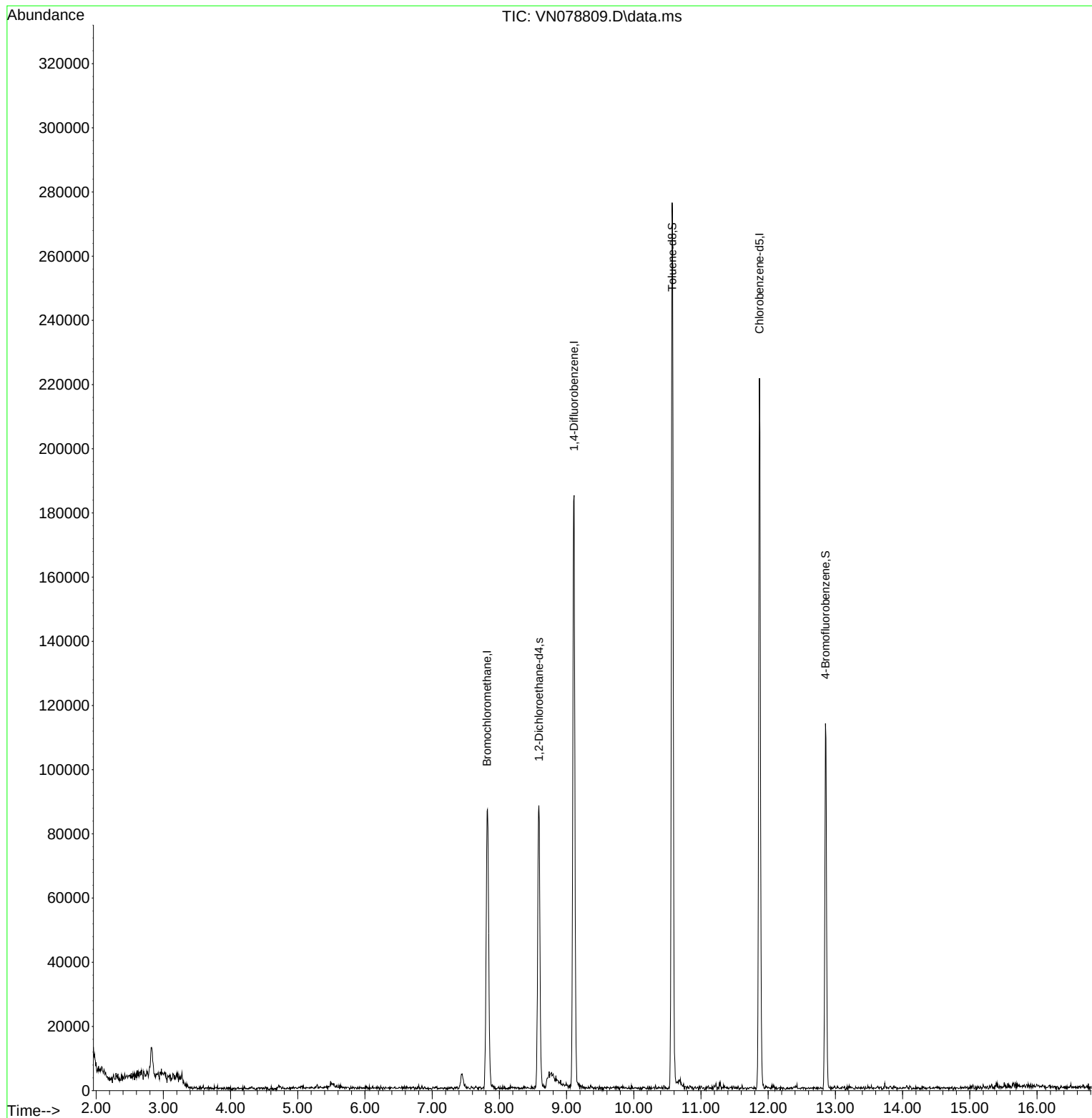
Target Compounds	Qvalue

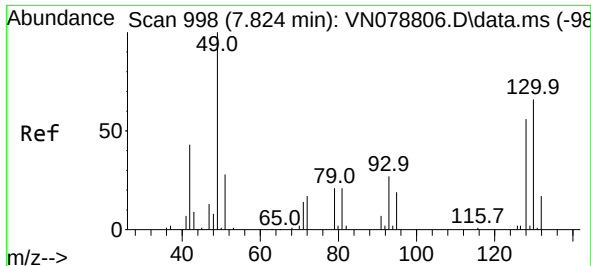
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
Data File : VN078809.D
Acq On : 08 Aug 2023 19:52
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Aug 09 04:42:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 09 04:37:34 2023
Response via : Initial Calibration

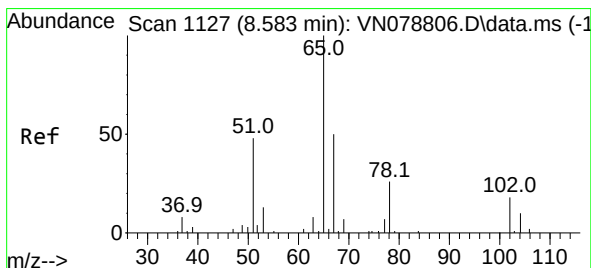
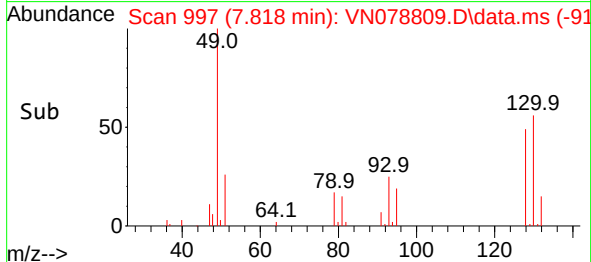
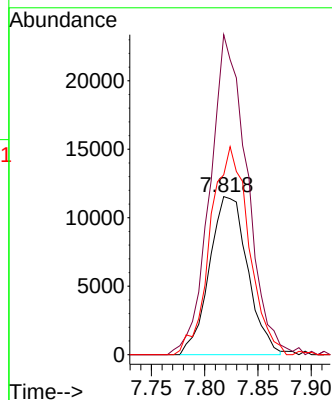
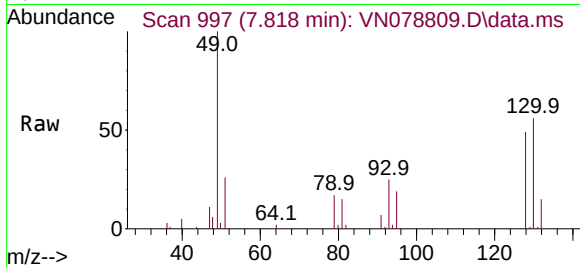




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078809.D
Acq: 08 Aug 2023 19:52

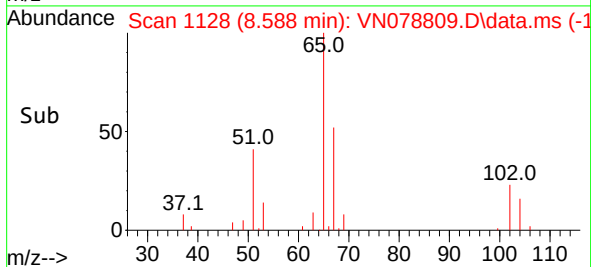
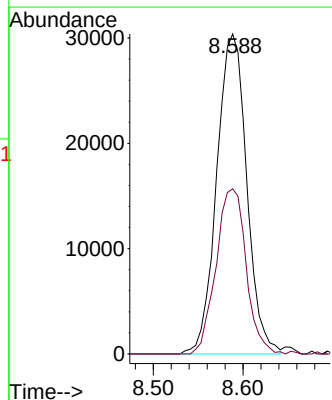
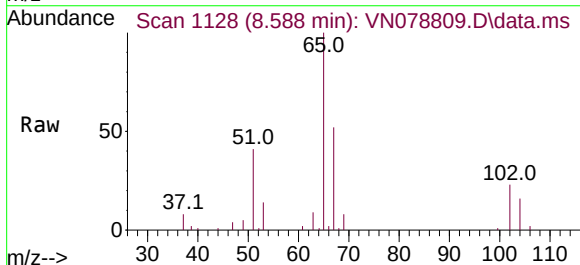
Instrument :
MSVOA_N
ClientSampleId :
IBLK

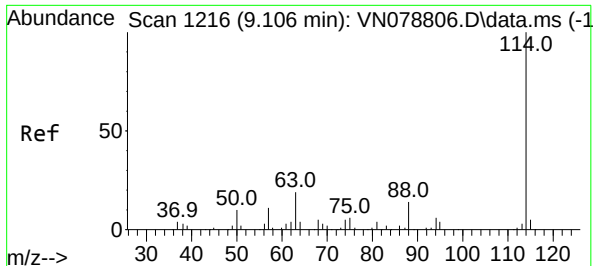
Tgt Ion:128 Resp: 28793
Ion Ratio Lower Upper
128 100
49 196.0 0.0 370.8
130 132.3 0.0 307.0



#27
1,2-Dichloroethane-d4
Concen: 31.887 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078809.D
Acq: 08 Aug 2023 19:52

Tgt Ion: 65 Resp: 70517
Ion Ratio Lower Upper
65 100
67 51.7 42.9 64.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078809.D

Acq: 08 Aug 2023 19:52

Instrument :

MSVOA_N

ClientSampleId :

IBLK

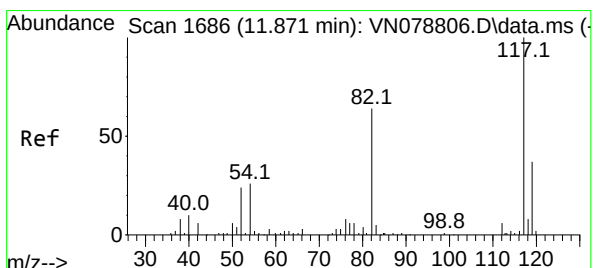
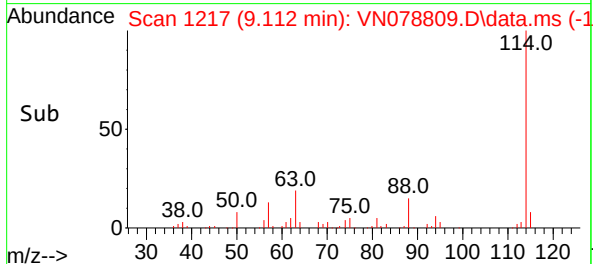
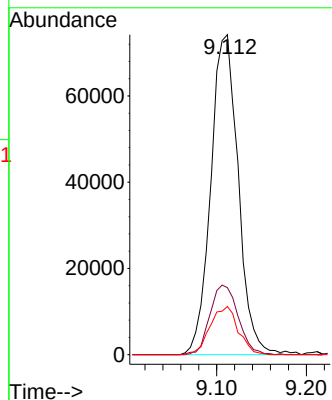
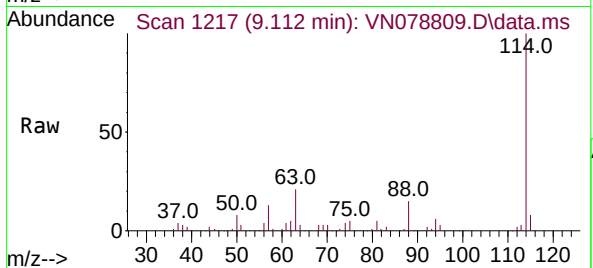
Tgt Ion:114 Resp: 157449

Ion Ratio Lower Upper

114 100

63 22.4 15.2 22.8

88 15.4 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: VN078809.D

Acq: 08 Aug 2023 19:52

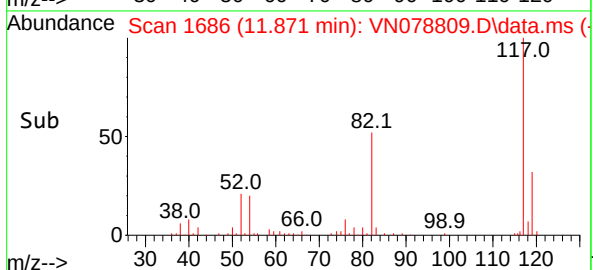
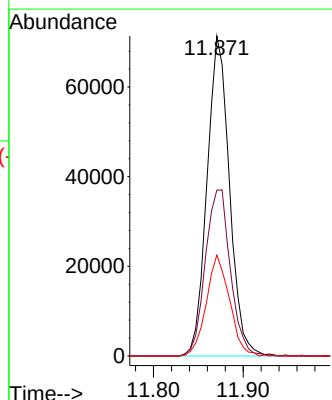
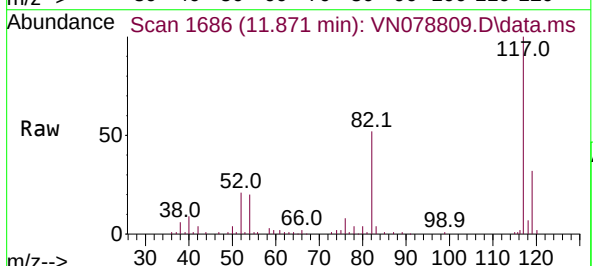
Tgt Ion:117 Resp: 123985

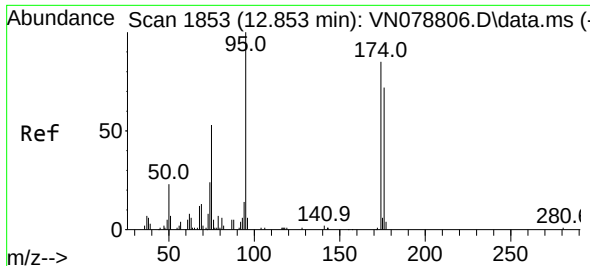
Ion Ratio Lower Upper

117 100

82 58.0 43.9 65.9

119 32.5 26.2 39.4

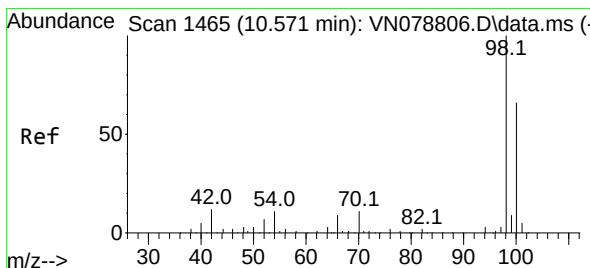
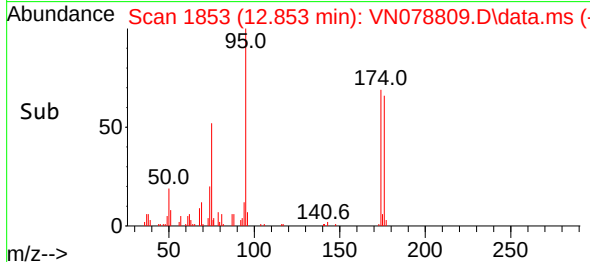
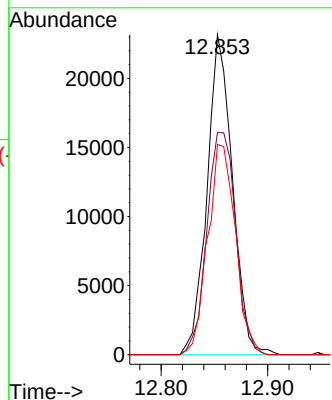
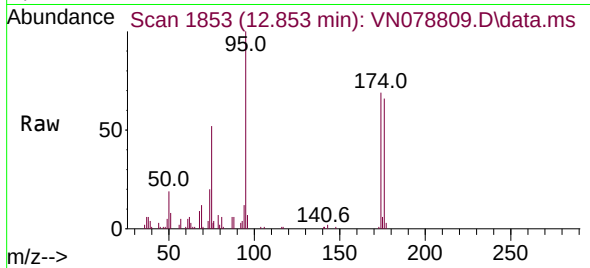




#60
4-Bromofluorobenzene
Concen: 20.471 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078809.D
Acq: 08 Aug 2023 19:52

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 38457
Ion Ratio Lower Upper
95 100
174 78.5 61.7 92.5
176 71.6 58.1 87.1



#63
Toluene-d8
Concen: 30.201 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078809.D
Acq: 08 Aug 2023 19:52

Tgt Ion: 98 Resp: 187476
Ion Ratio Lower Upper
98 100
100 65.3 49.7 74.5

