

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078379.D
 Acq On : 23 Jun 2023 15:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 24 01:21:51 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	72540	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	376741	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	309426	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	166620	30.502	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.667%
60) 4-Bromofluorobenzene	12.853	95	98507	22.596	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	75.333%
63) Toluene-d8	10.571	98	458352	30.572	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.900%

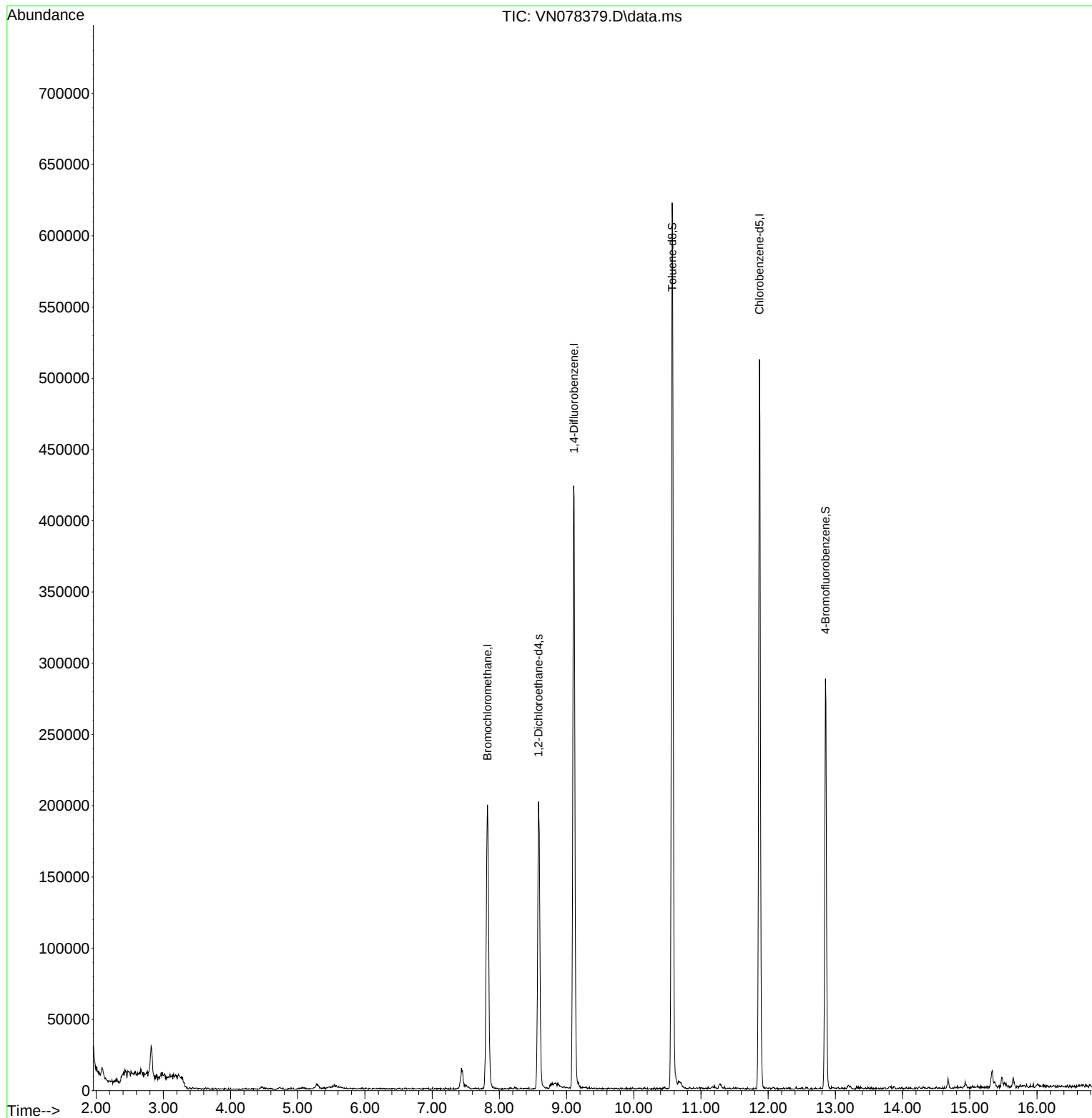
Target Compounds	Qvalue

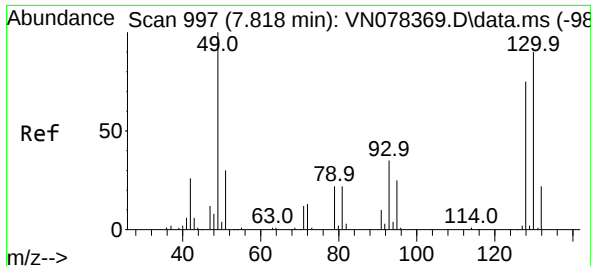
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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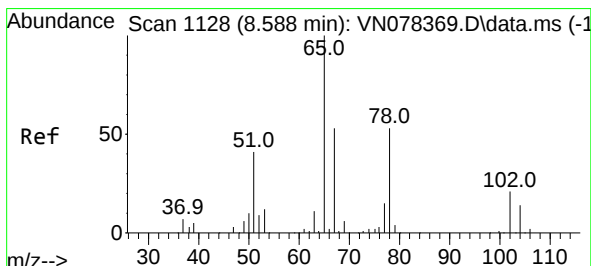
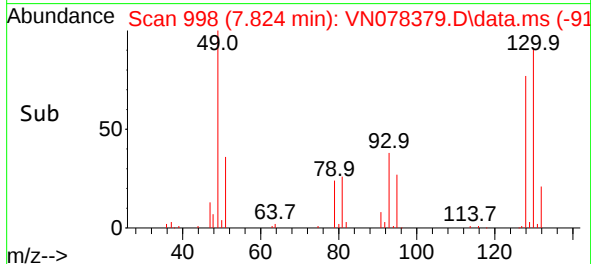
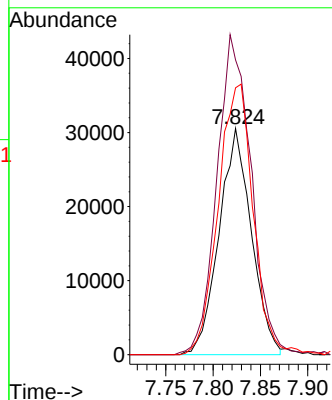
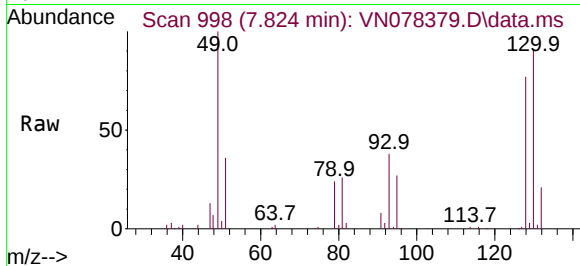




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

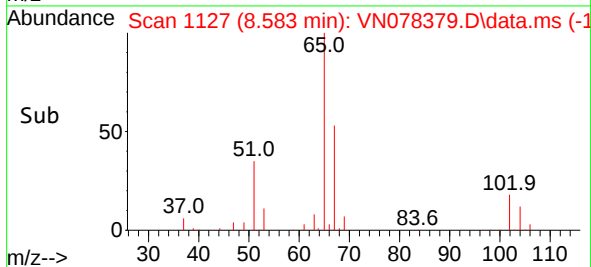
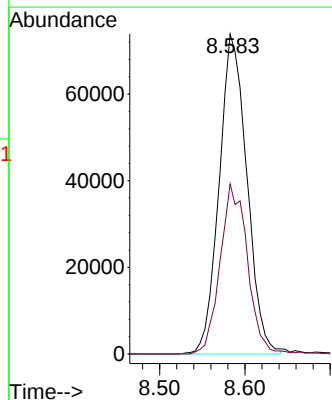
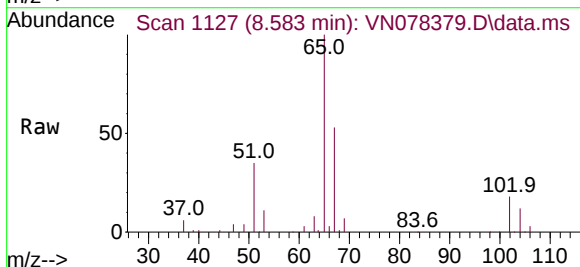
Instrument :
MSVOA_N
ClientSampleId :
IBLK

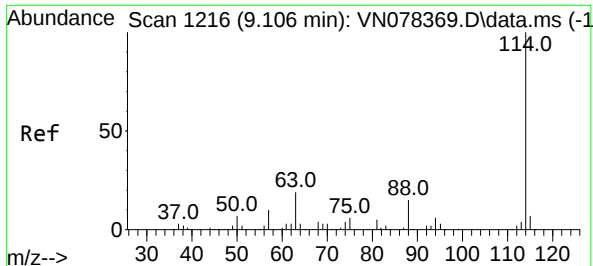
Tgt Ion:128 Resp: 72540
Ion Ratio Lower Upper
128 100
49 149.5 0.0 370.8
130 128.5 0.0 307.0



#27
1,2-Dichloroethane-d4
Concen: 30.502 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

Tgt Ion: 65 Resp: 166620
Ion Ratio Lower Upper
65 100
67 52.3 42.9 64.3

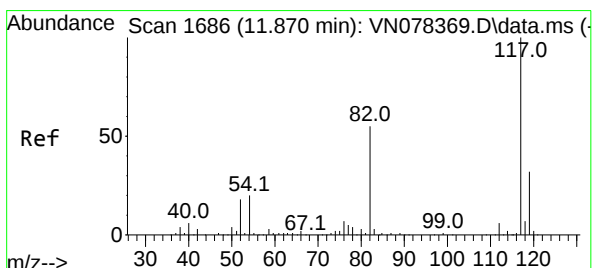
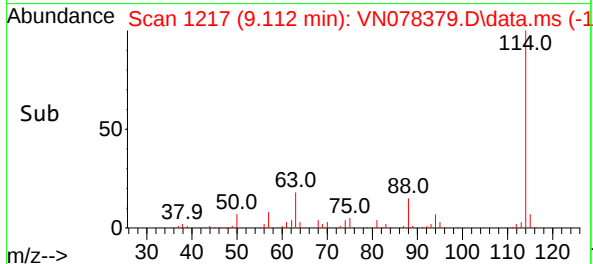
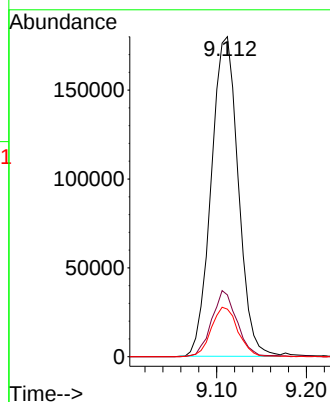
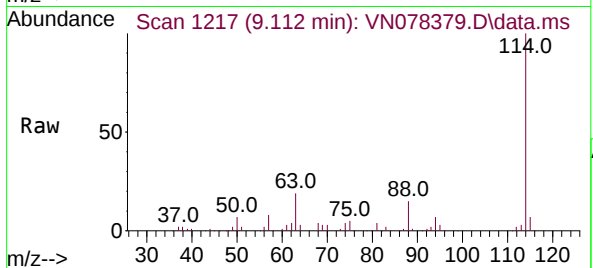




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

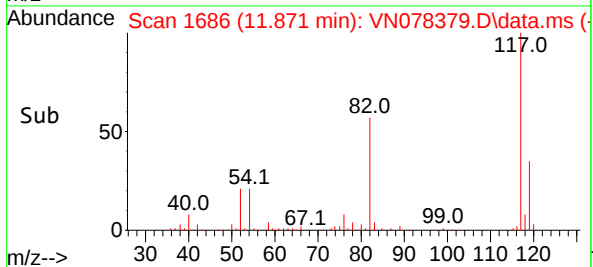
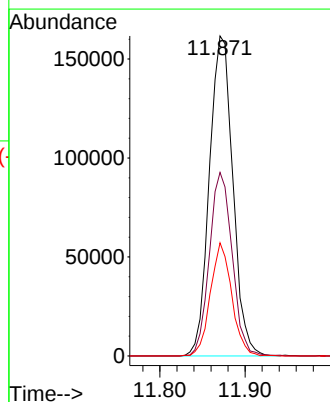
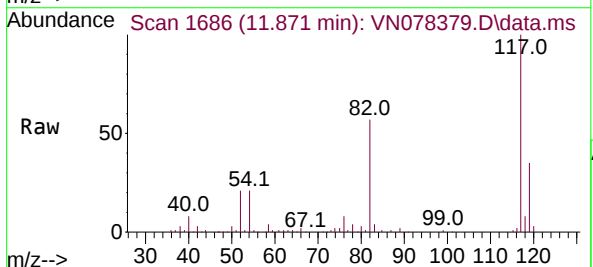
Instrument :
MSVOA_N
ClientSampleId :
IBLK

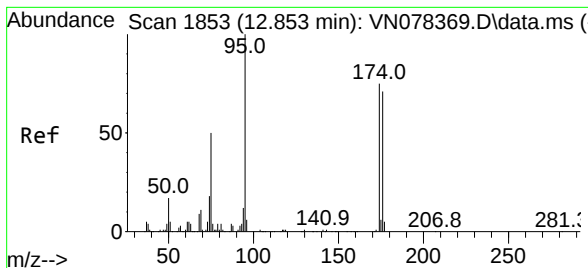
Tgt Ion:114 Resp: 376741
Ion Ratio Lower Upper
114 100
63 19.2 15.2 22.8
88 15.3 12.5 18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

Tgt Ion:117 Resp: 309426
Ion Ratio Lower Upper
117 100
82 55.7 43.9 65.9
119 32.1 26.2 39.4

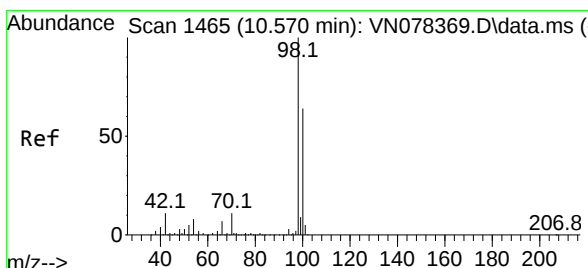
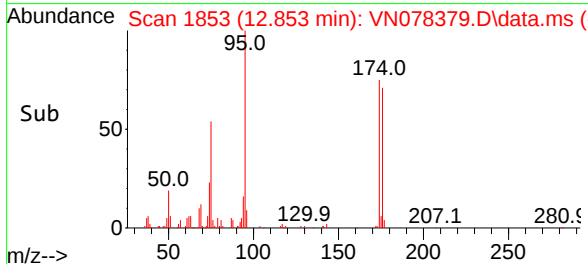
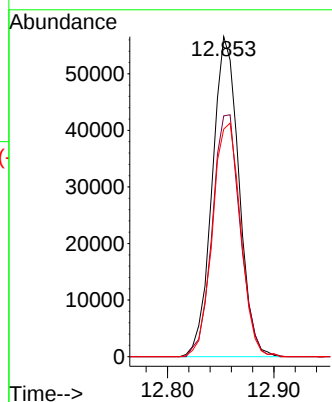
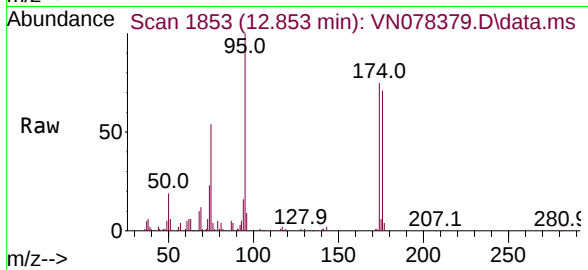




#60
4-Bromofluorobenzene
Concen: 22.596 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 98507
Ion Ratio Lower Upper
95 100
174 78.8 61.7 92.5
176 76.7 58.1 87.1



#63
Toluene-d8
Concen: 30.572 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

Tgt Ion: 98 Resp: 458352
Ion Ratio Lower Upper
98 100
100 62.1 49.7 74.5

