

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078860.D
 Acq On : 11 Aug 2023 13:13
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 12 01:40:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	28315	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	146880	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	118702	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	70418	30.891	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.967%	
60) 4-Bromofluorobenzene	12.853	95	35717	21.436	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 71.467%	
63) Toluene-d8	10.570	98	181057	31.127	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.767%	

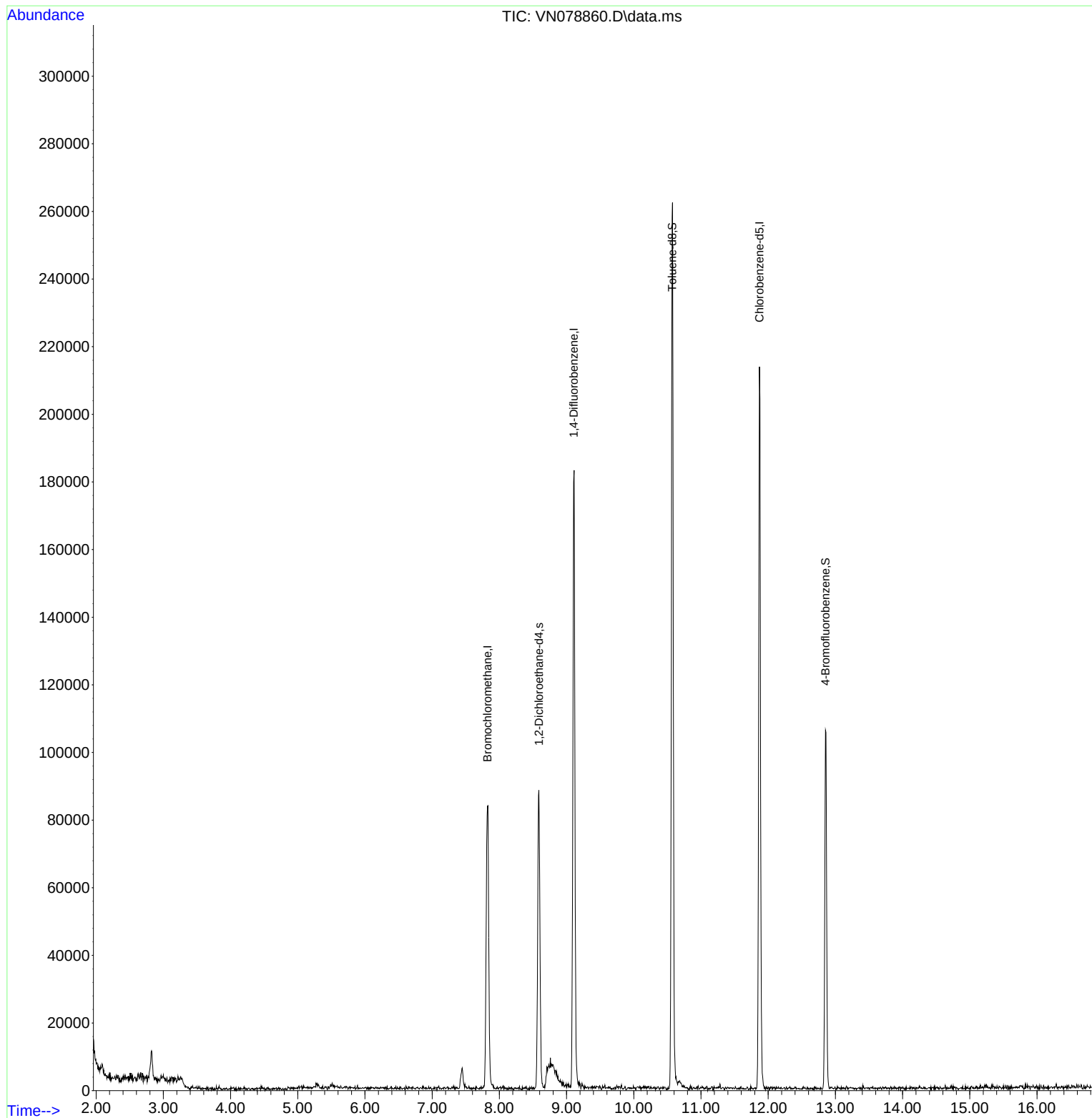
Target Compounds	Qvalue

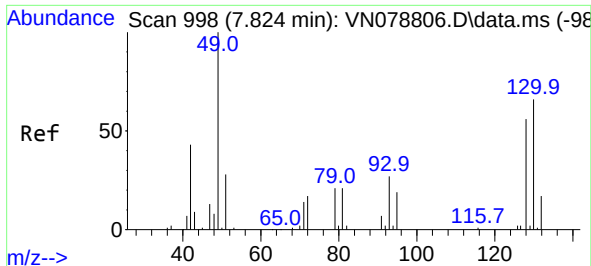
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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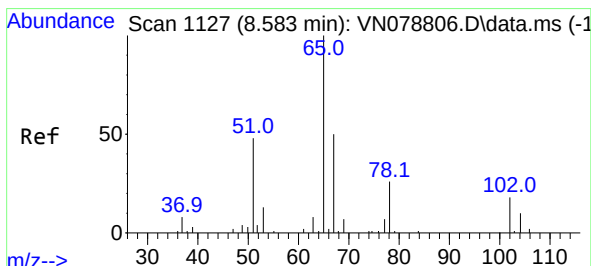
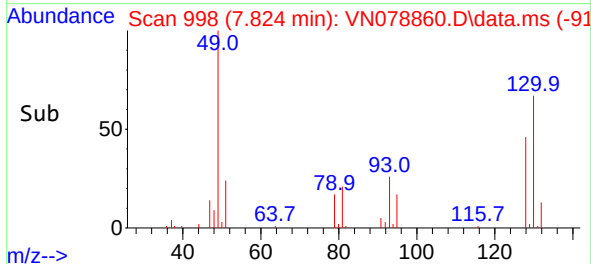
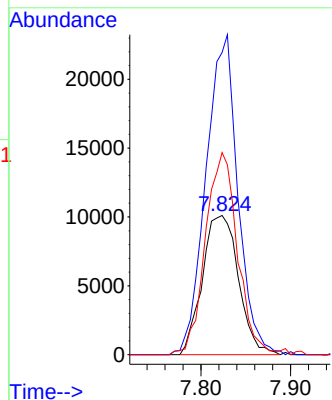
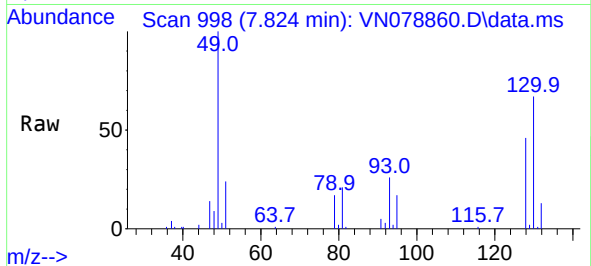




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078860.D
Acq: 11 Aug 2023 13:13

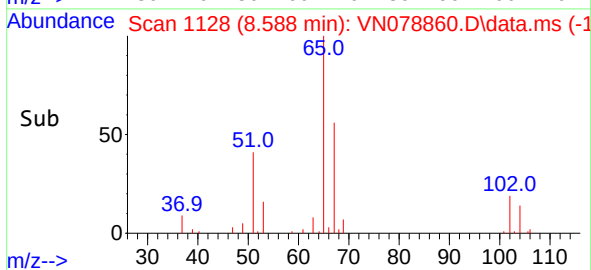
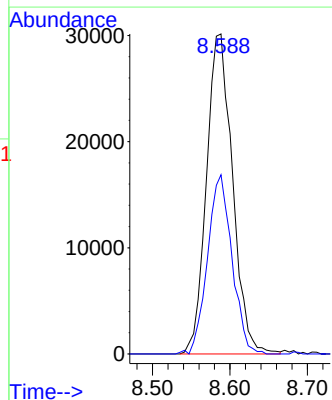
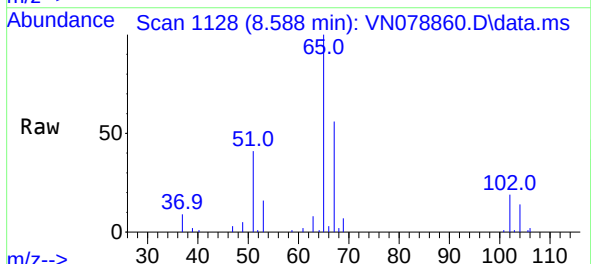
Instrument :
MSVOA_N
ClientSampleId :
IBLK

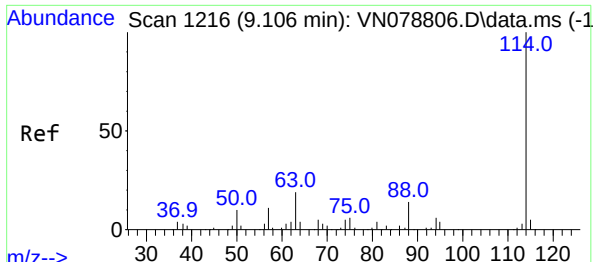
Tgt Ion:128 Resp: 28315
Ion Ratio Lower Upper
128 100
49 202.8 0.0 370.8
130 123.3 0.0 307.0



#27
1,2-Dichloroethane-d4
Concen: 30.891 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078860.D
Acq: 11 Aug 2023 13:13

Tgt Ion: 65 Resp: 70418
Ion Ratio Lower Upper
65 100
67 52.2 42.9 64.3

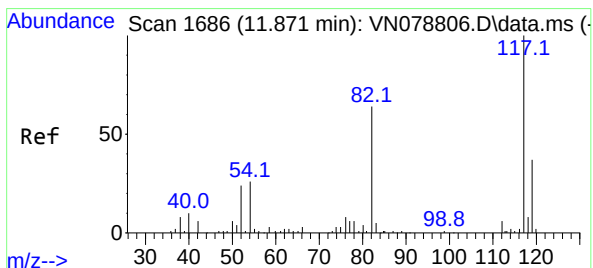
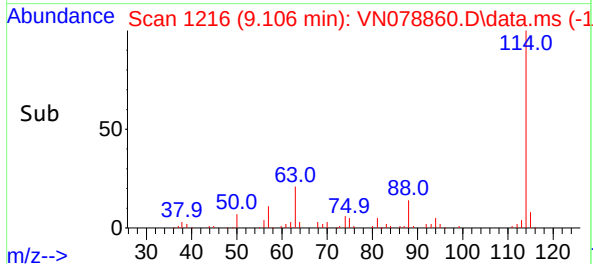
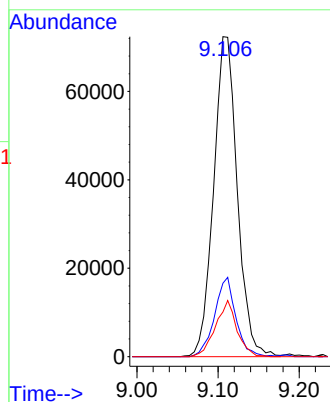
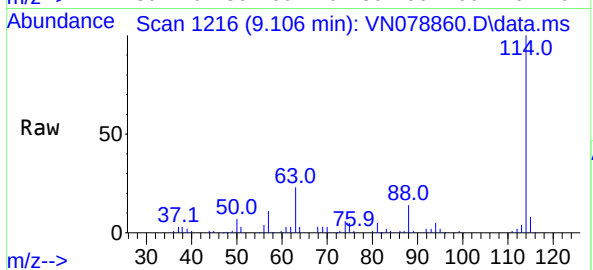




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078860.D
Acq: 11 Aug 2023 13:13

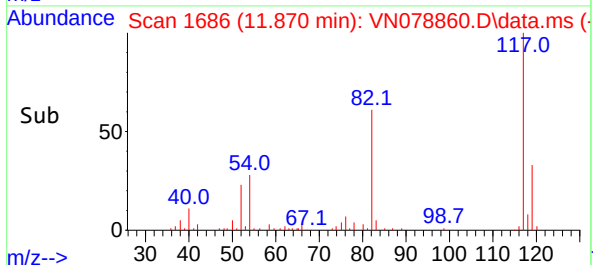
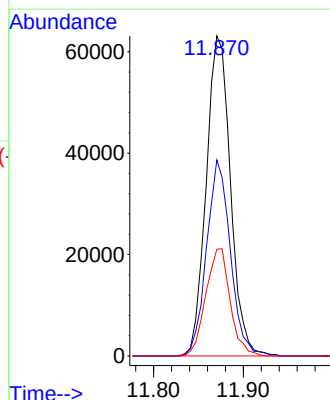
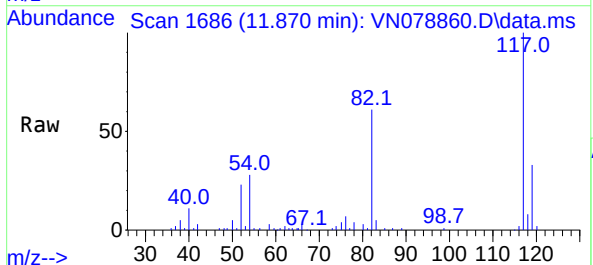
Instrument :
MSVOA_N
ClientSampleId :
IBLK

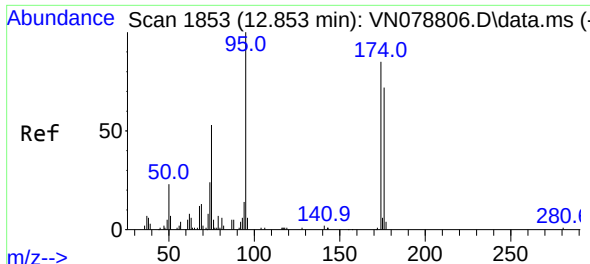
Tgt Ion:114 Resp: 146880
Ion Ratio Lower Upper
114 100
63 22.3 15.2 22.8
88 15.8 12.5 18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078860.D
Acq: 11 Aug 2023 13:13

Tgt Ion:117 Resp: 118702
Ion Ratio Lower Upper
117 100
82 60.2 43.9 65.9
119 33.7 26.2 39.4

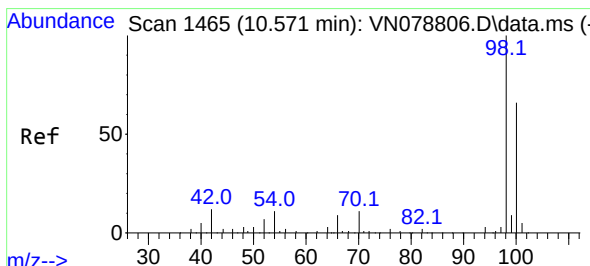
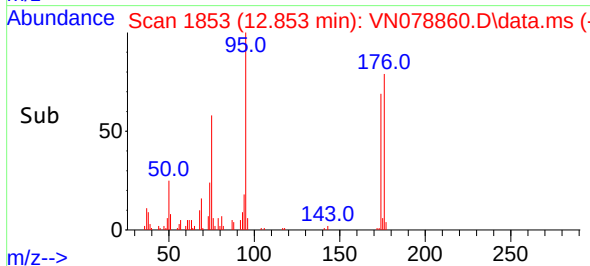
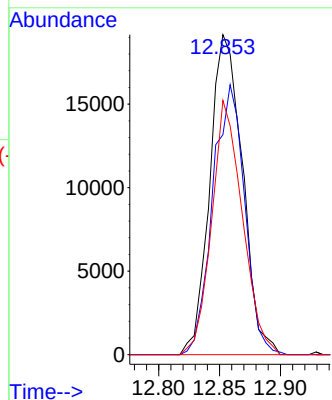
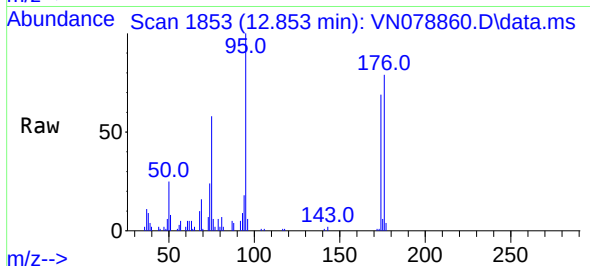




#60
4-Bromofluorobenzene
Concen: 21.436 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078860.D
Acq: 11 Aug 2023 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 35717
Ion Ratio Lower Upper
95 100
174 82.5 61.7 92.5
176 74.8 58.1 87.1



#63
Toluene-d8
Concen: 31.127 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078860.D
Acq: 11 Aug 2023 13:13

Tgt Ion: 98 Resp: 181057
Ion Ratio Lower Upper
98 100
100 61.6 49.7 74.5

