

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078859.D
 Acq On : 11 Aug 2023 12:30
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 12 01:40:12 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	29749	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	141525	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	119255	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	73923	30.865	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.867%
60) 4-Bromofluorobenzene	12.853	95	33166	19.813	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	66.033%
63) Toluene-d8	10.577	98	174274	29.822	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.400%

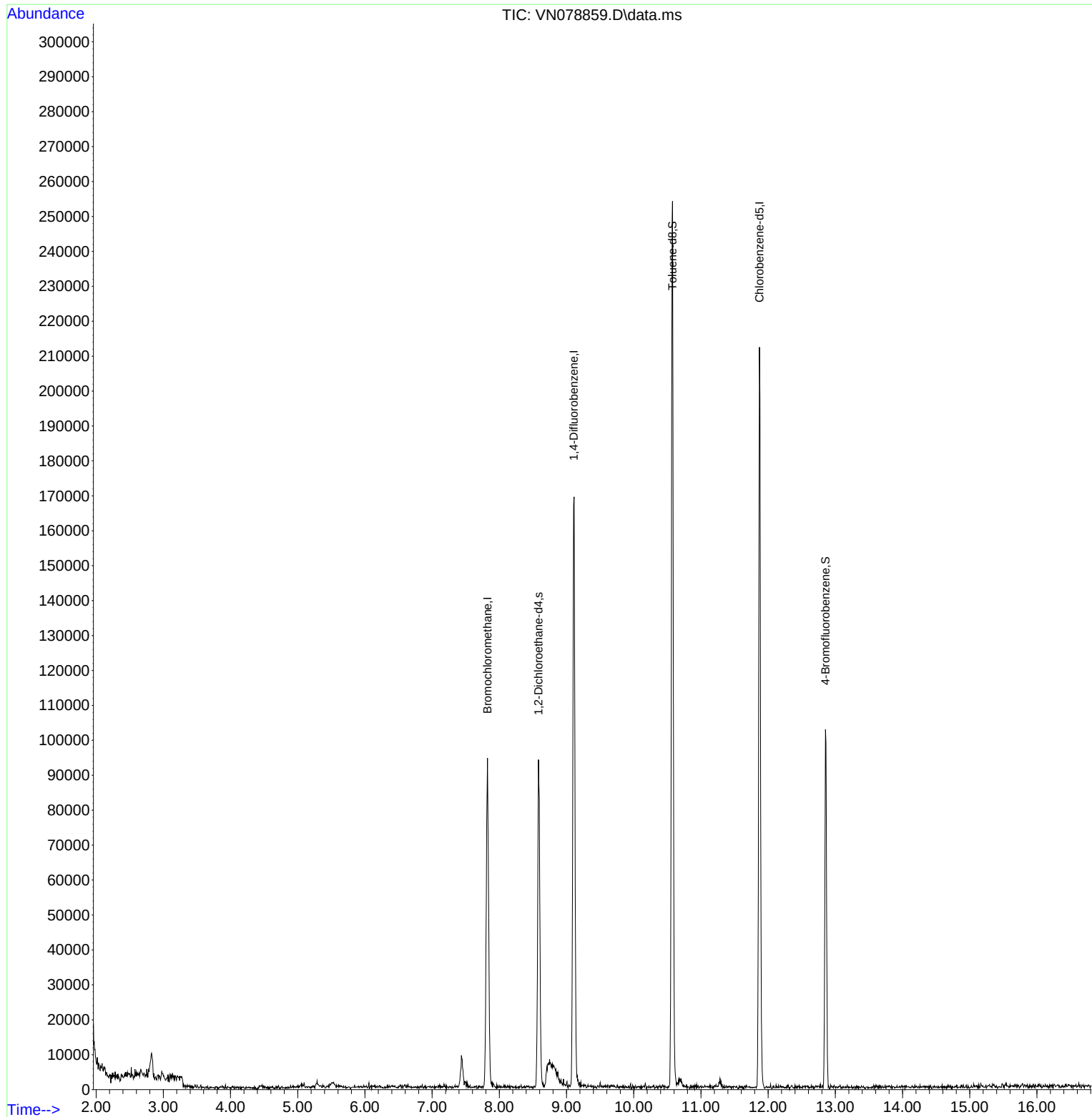
Target Compounds	Qvalue

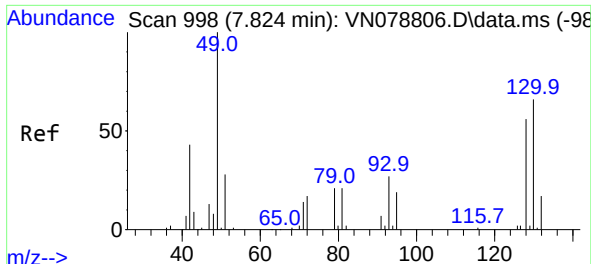
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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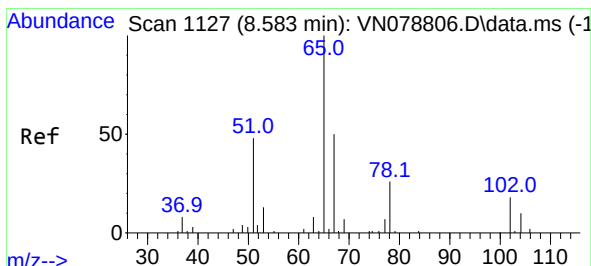
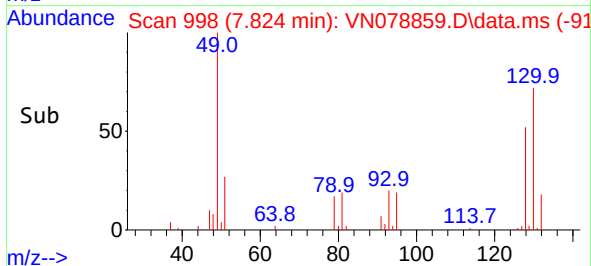
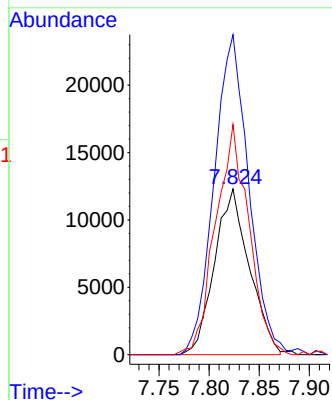
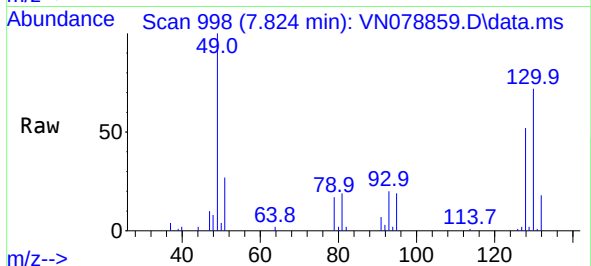




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078859.D
Acq: 11 Aug 2023 12:30

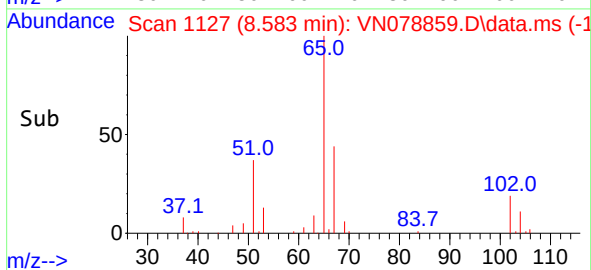
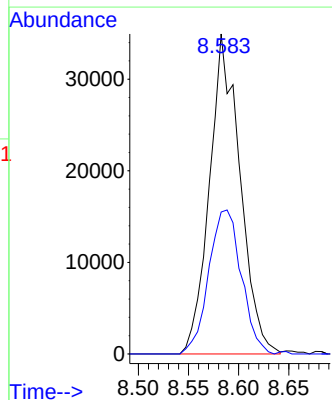
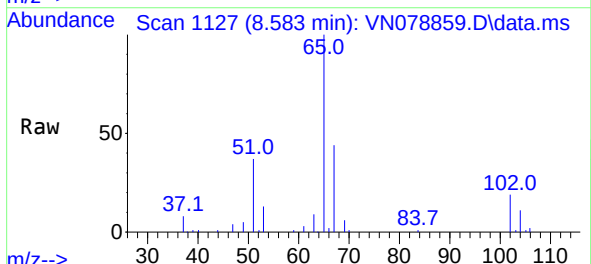
Instrument :
MSVOA_N
ClientSampleId :
IBLK

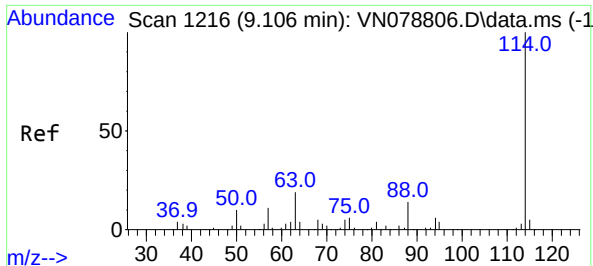
Tgt Ion:128 Resp: 29749
Ion Ratio Lower Upper
128 100
49 191.2 0.0 370.8
130 132.9 0.0 307.0



#27
1,2-Dichloroethane-d4
Concen: 30.865 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078859.D
Acq: 11 Aug 2023 12:30

Tgt Ion: 65 Resp: 73923
Ion Ratio Lower Upper
65 100
67 48.1 42.9 64.3

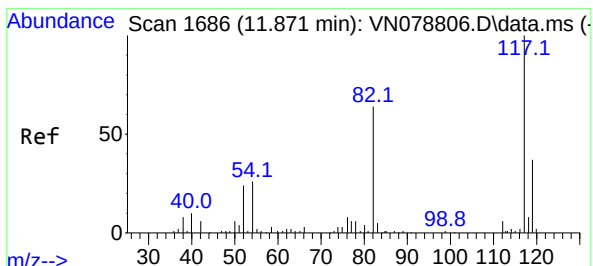
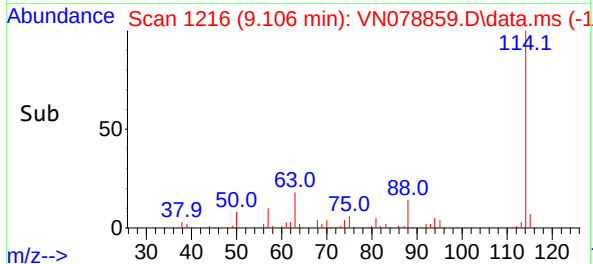
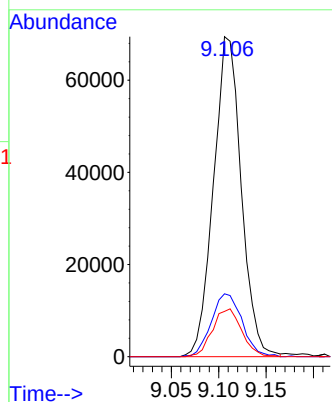
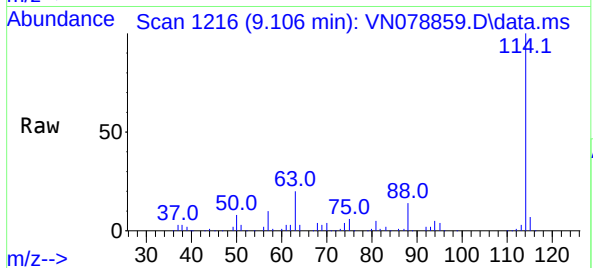




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078859.D
Acq: 11 Aug 2023 12:30

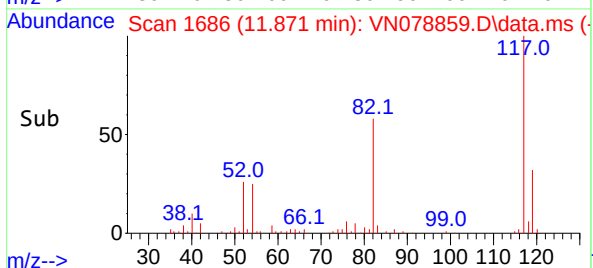
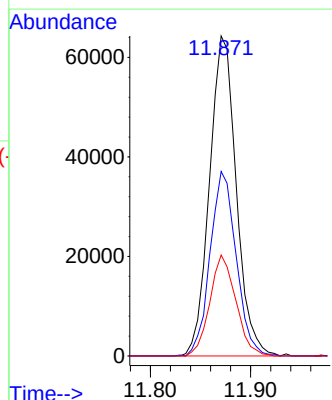
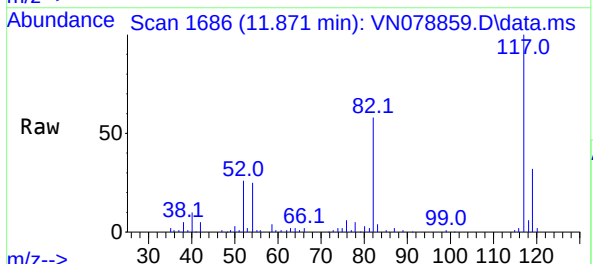
Instrument :
MSVOA_N
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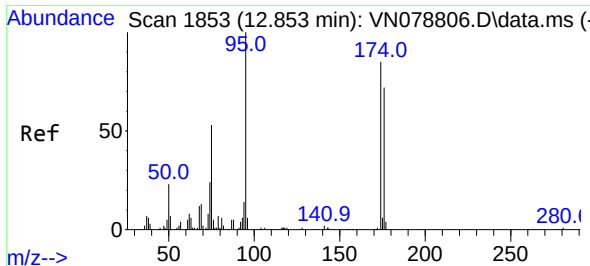
Tgt Ion:114 Resp: 141525
Ion Ratio Lower Upper
114 100
63 21.8 15.2 22.8
88 15.7 12.5 18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078859.D
Acq: 11 Aug 2023 12:30

Tgt Ion:117 Resp: 119255
Ion Ratio Lower Upper
117 100
82 56.2 43.9 65.9
119 30.7 26.2 39.4

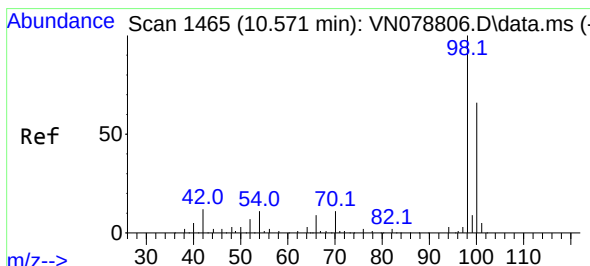
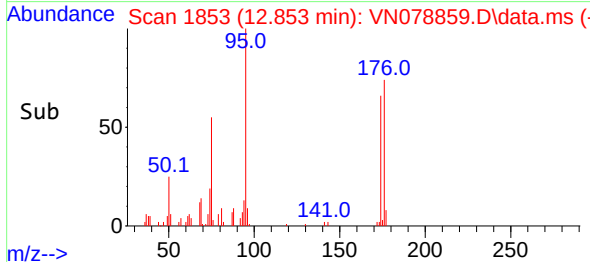
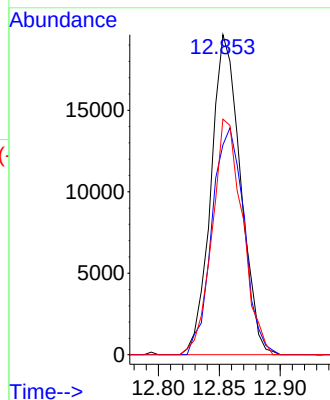
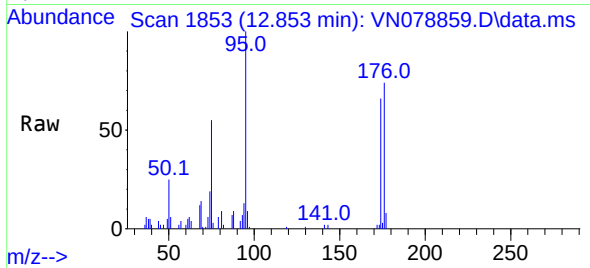




#60
4-Bromofluorobenzene
Concen: 19.813 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078859.D
Acq: 11 Aug 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 33166
Ion Ratio Lower Upper
95 100
174 77.1 61.7 92.5
176 75.7 58.1 87.1



#63
Toluene-d8
Concen: 29.822 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078859.D
Acq: 11 Aug 2023 12:30

Tgt Ion: 98 Resp: 174274
Ion Ratio Lower Upper
98 100
100 62.2 49.7 74.5

