

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079062.D
 Acq On : 28 Aug 2023 13:08
 Operator : JC\MD
 Sample : 04152-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-1

Quant Time: Aug 28 17:34:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	47467	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	263433	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	221229	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	117828	30.640	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.133%
60) 4-Bromofluorobenzene	12.853	95	81019	25.106	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.700%
63) Toluene-d8	10.571	98	323151	31.279	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.267%

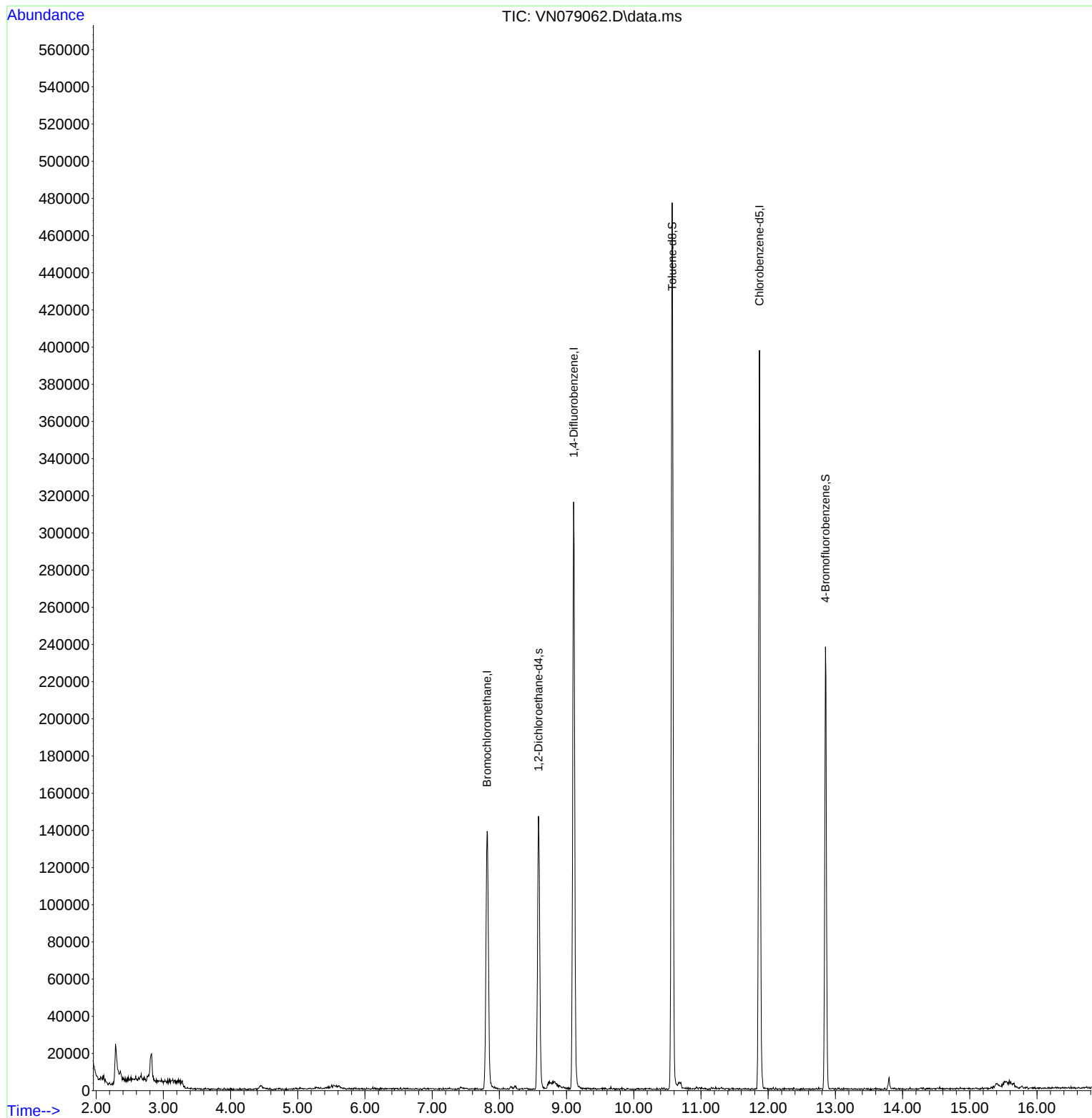
Target Compounds	Qvalue

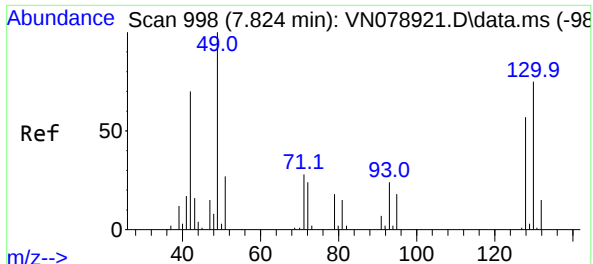
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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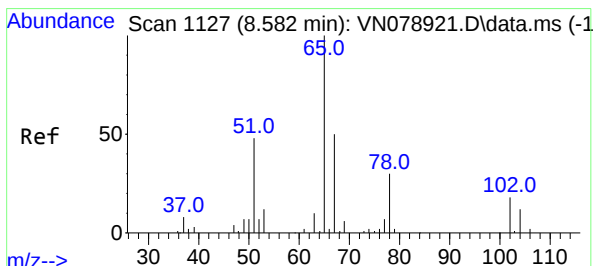
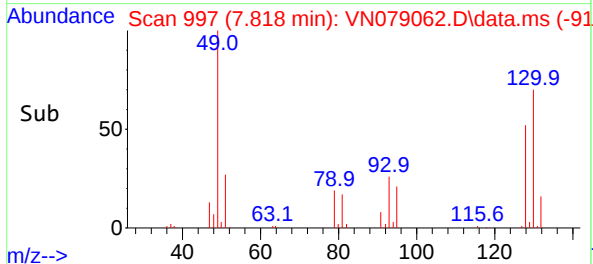
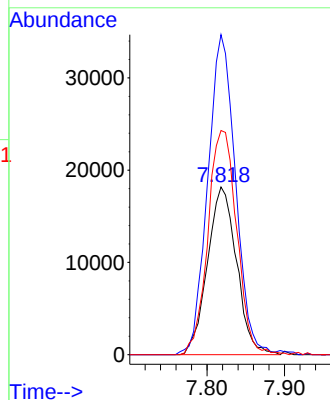
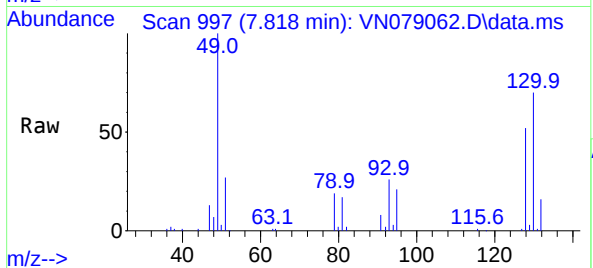




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079062.D
Acq: 28 Aug 2023 13:08

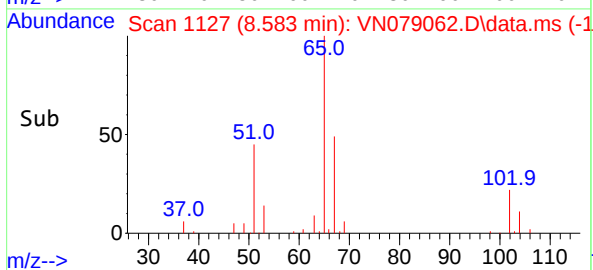
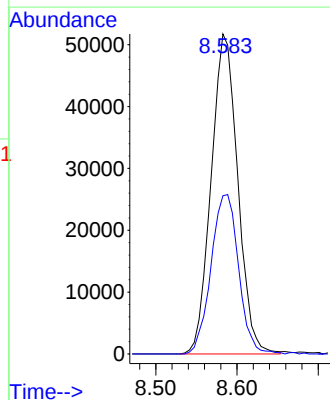
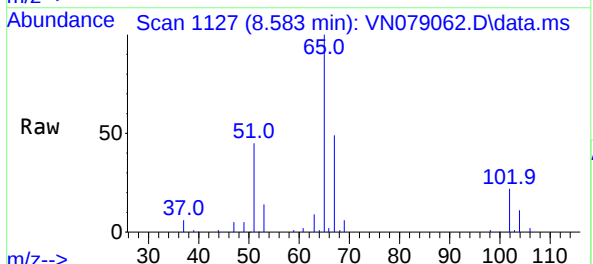
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-1

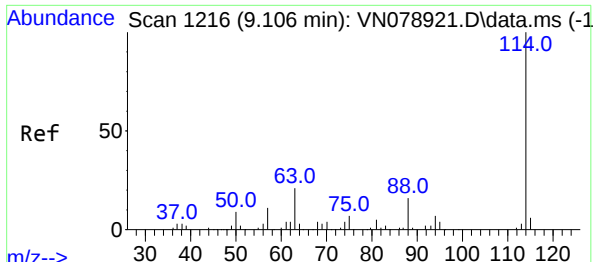
Tgt Ion:128 Resp: 47467
Ion Ratio Lower Upper
128 100
49 181.3 0.0 481.8
130 131.7 0.0 320.5



#27
1,2-Dichloroethane-d4
Concen: 30.640 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079062.D
Acq: 28 Aug 2023 13:08

Tgt Ion: 65 Resp: 117828
Ion Ratio Lower Upper
65 100
67 51.5 40.7 61.1

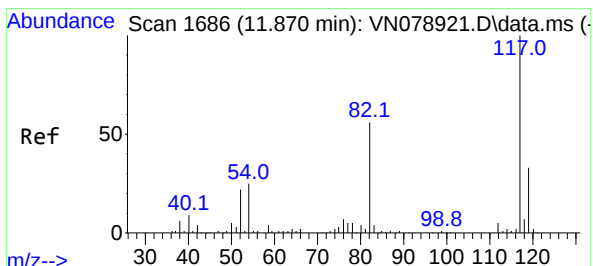
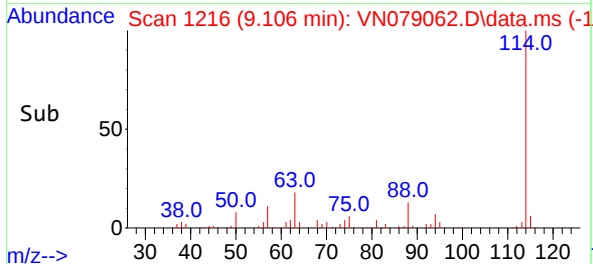
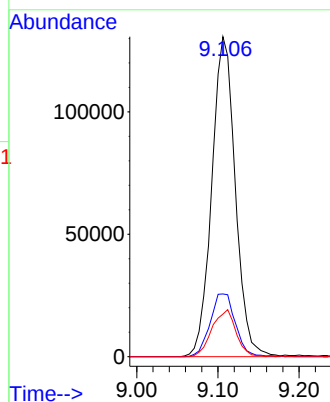
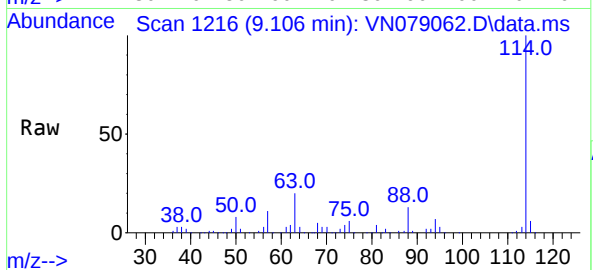




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079062.D
Acq: 28 Aug 2023 13:08

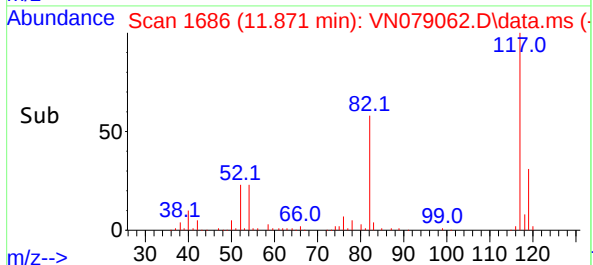
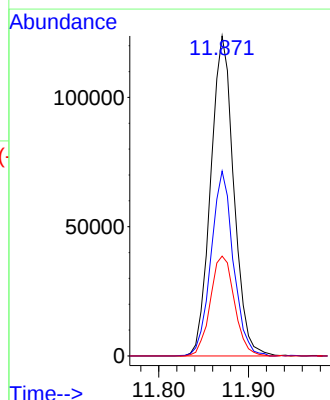
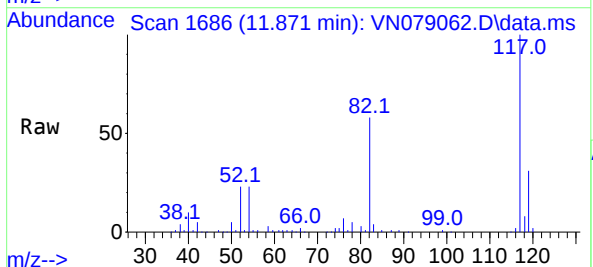
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-1

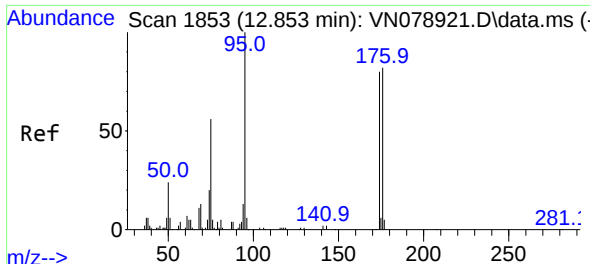
Tgt Ion:114 Resp: 263433
Ion Ratio Lower Upper
114 100
63 21.1 17.4 26.2
88 15.0 12.0 18.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079062.D
Acq: 28 Aug 2023 13:08

Tgt Ion:117 Resp: 221229
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.0
119 32.6 25.5 38.3

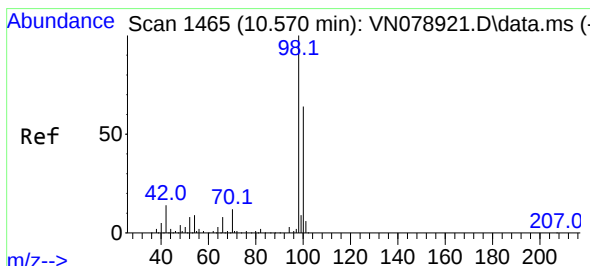
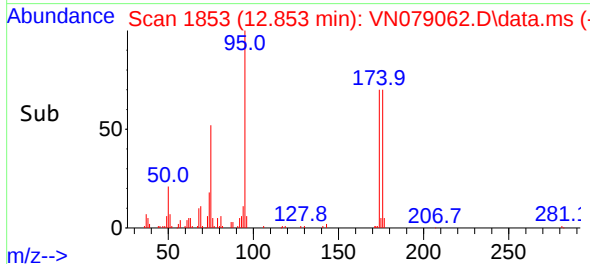
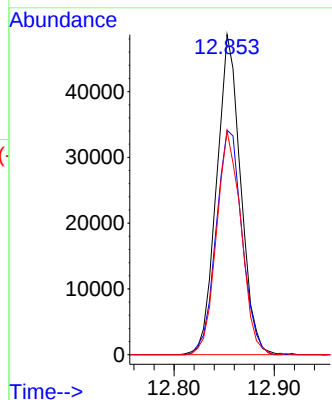
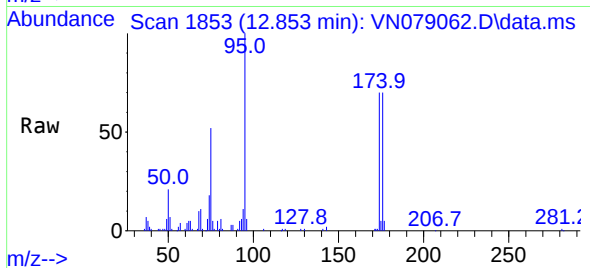




#60
4-Bromofluorobenzene
Concen: 25.106 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079062.D
Acq: 28 Aug 2023 13:08

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-1

Tgt Ion: 95 Resp: 81019
Ion Ratio Lower Upper
95 100
174 75.9 64.8 97.2
176 71.4 63.0 94.6



#63
Toluene-d8
Concen: 31.279 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079062.D
Acq: 28 Aug 2023 13:08

Tgt Ion: 98 Resp: 323151
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7

