

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080000.D
 Acq On : 08 Nov 2023 19:08
 Operator : JC\MD
 Sample : 05211-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Nov 09 04:28:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	74868	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	361548	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	329027	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	187713	29.869	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.567%
60) 4-Bromofluorobenzene	12.853	95	127046	24.146	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.500%
63) Toluene-d8	10.571	98	456796	29.301	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.667%

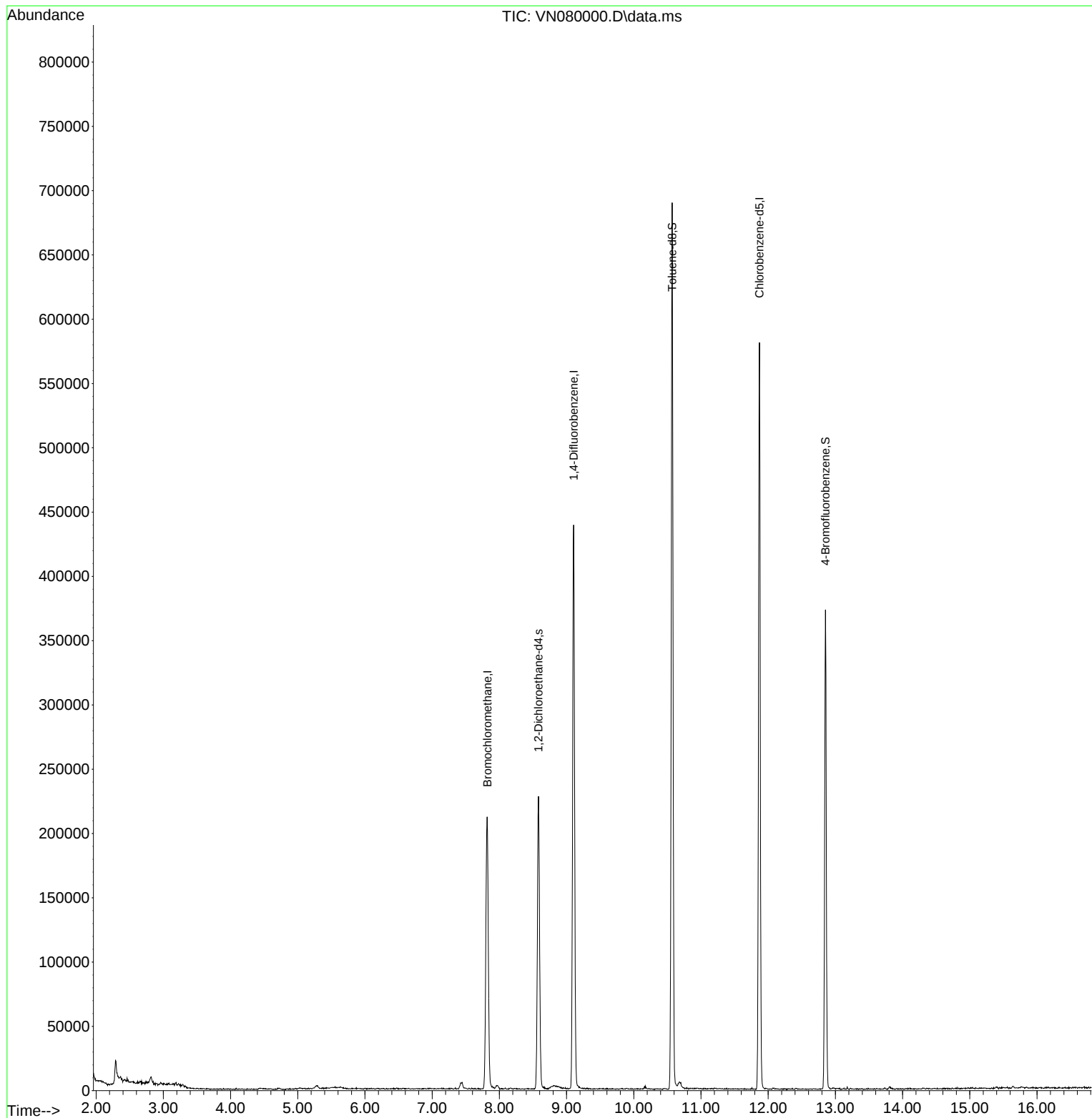
Target Compounds	Qvalue

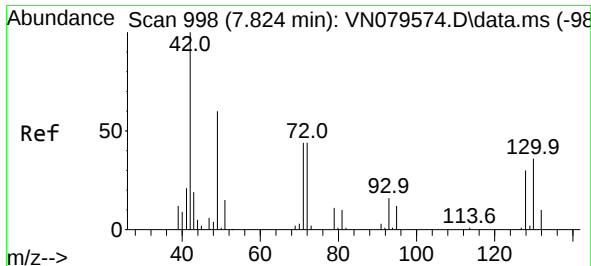
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
Data File : VN080000.D
Acq On : 08 Nov 2023 19:08
Operator : JC\MD
Sample : 05211-01 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-1

Quant Time: Nov 09 04:28:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 09 04:02:05 2023
Response via : Initial Calibration

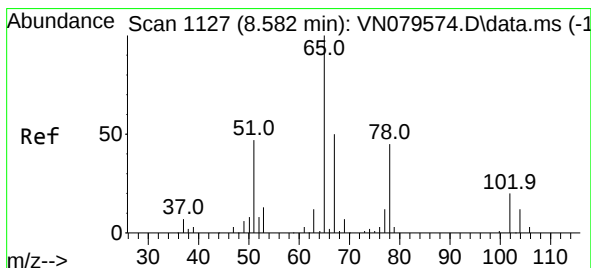
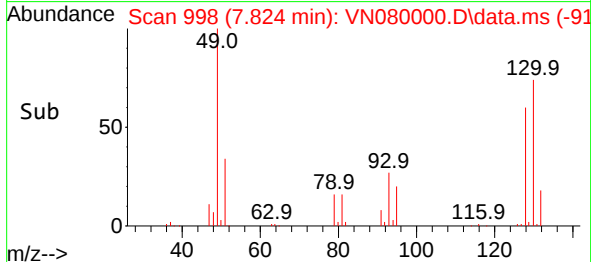
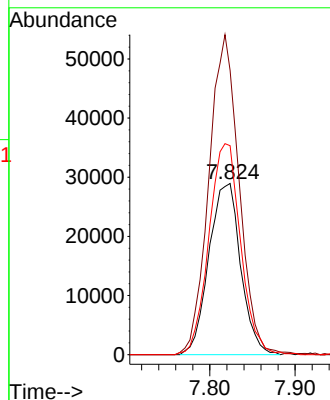
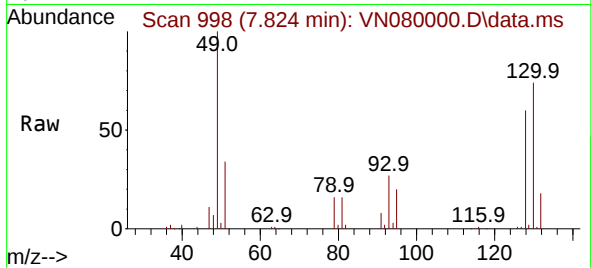




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN080000.D
Acq: 08 Nov 2023 19:08

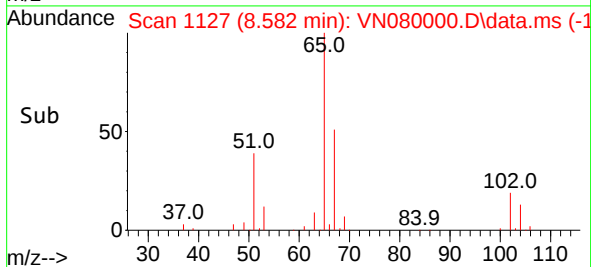
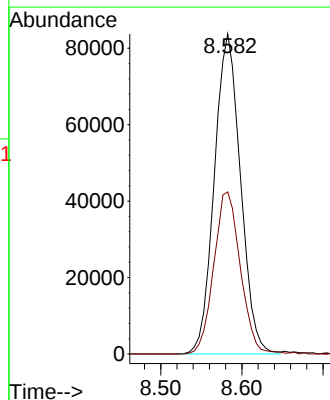
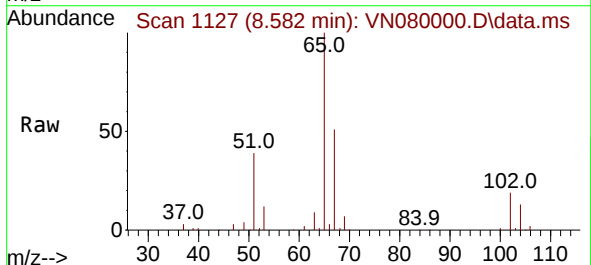
Instrument :
MSVOA_N
ClientSampleId :
14B-1

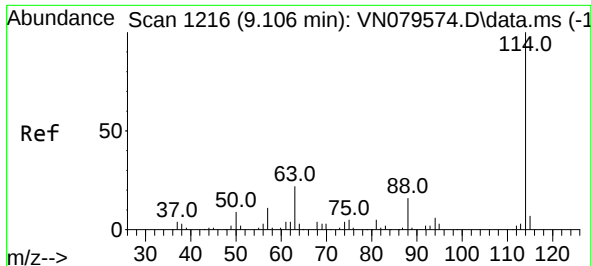
Tgt Ion:128 Resp: 74868
Ion Ratio Lower Upper
128 100
49 177.7 0.0 468.5
130 123.2 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 29.869 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080000.D
Acq: 08 Nov 2023 19:08

Tgt Ion: 65 Resp: 187713
Ion Ratio Lower Upper
65 100
67 51.3 42.1 63.1

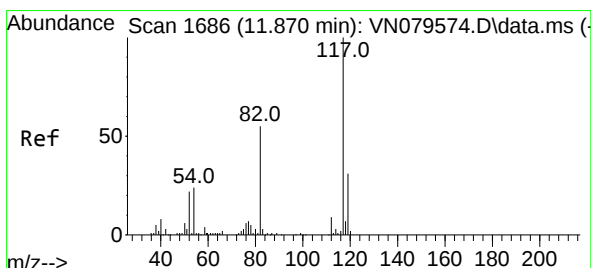
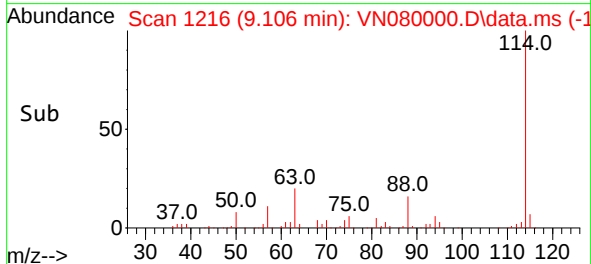
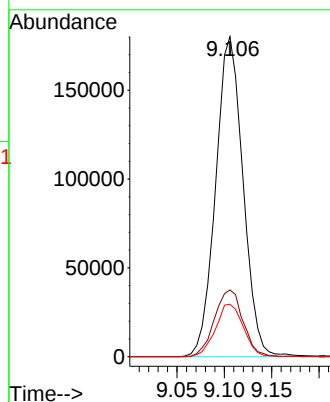
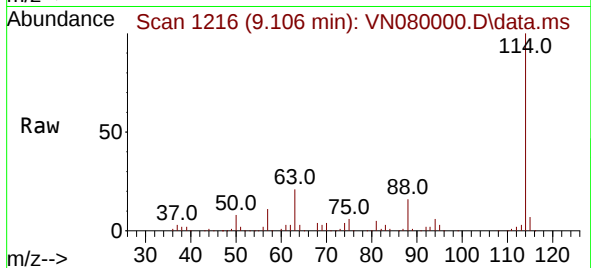




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN080000.D
Acq: 08 Nov 2023 19:08

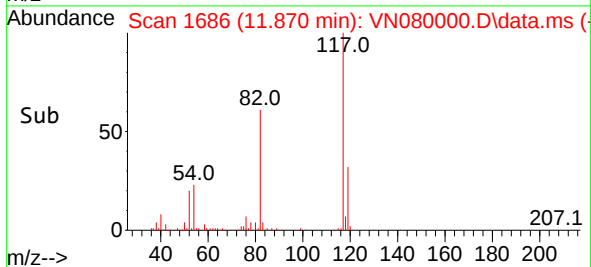
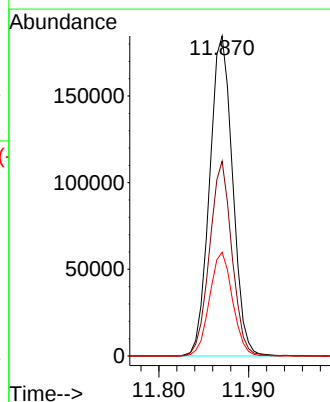
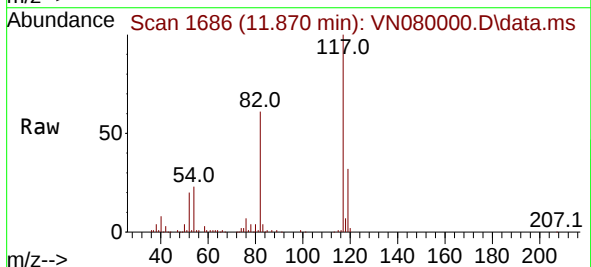
Instrument :
MSVOA_N
ClientSampleId :
14B-1

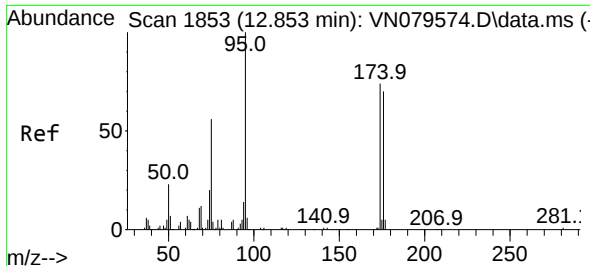
Tgt Ion:114 Resp: 361548
Ion Ratio Lower Upper
114 100
63 21.8 18.1 27.1
88 16.7 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080000.D
Acq: 08 Nov 2023 19:08

Tgt Ion:117 Resp: 329027
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.2
119 32.4 25.2 37.8

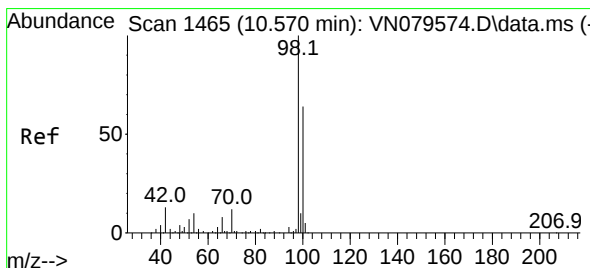
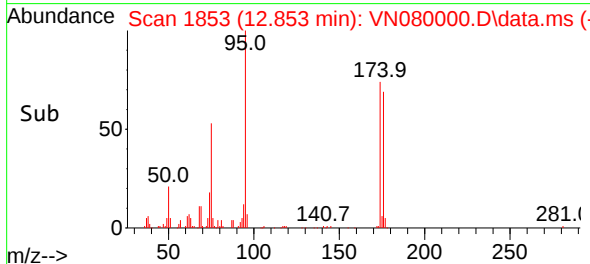
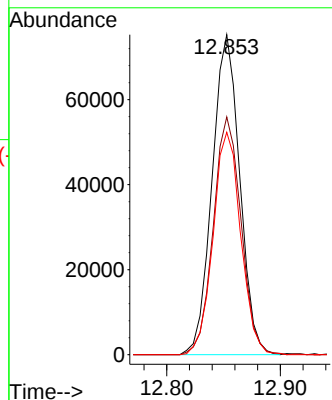
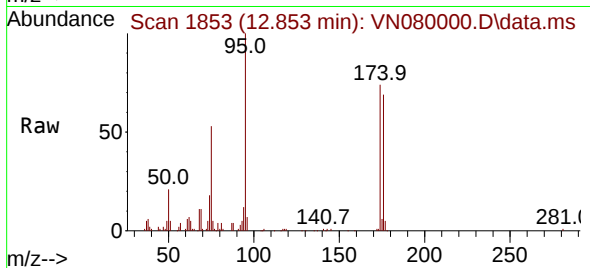




#60
4-Bromofluorobenzene
Concen: 24.146 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080000.D
Acq: 08 Nov 2023 19:08

Instrument :
MSVOA_N
ClientSampleId :
14B-1

Tgt Ion: 95 Resp: 127046
Ion Ratio Lower Upper
95 100
174 74.7 60.5 90.7
176 69.7 57.2 85.8



#63
Toluene-d8
Concen: 29.301 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN080000.D
Acq: 08 Nov 2023 19:08

Tgt Ion: 98 Resp: 456796
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4

