

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
 Data File : VN079600.D
 Acq On : 18 Oct 2023 15:01
 Operator : JC\MD
 Sample : 04943-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Oct 19 06:15:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	23358	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	149270	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	174569	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	94187	28.361	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.533%
60) 4-Bromofluorobenzene	12.853	95	65216	20.429	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	68.100%
63) Toluene-d8	10.571	98	217125	29.026	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.767%

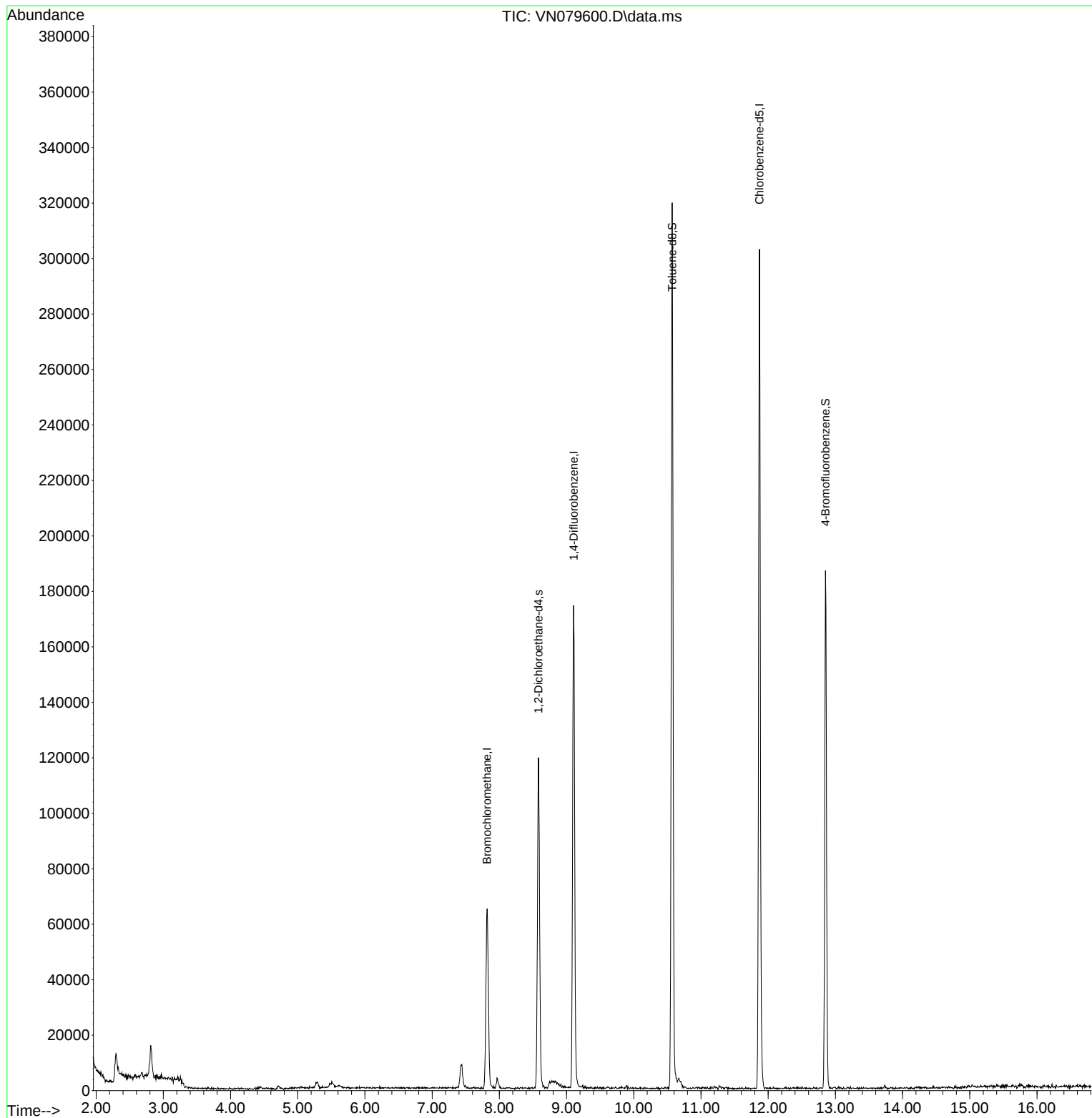
Target Compounds	Qvalue

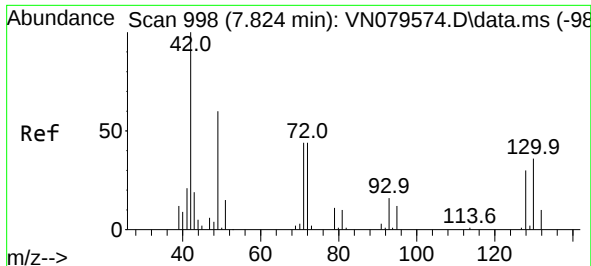
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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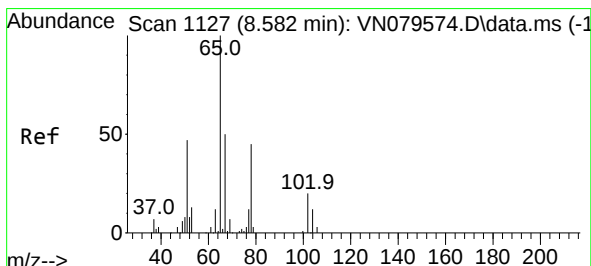
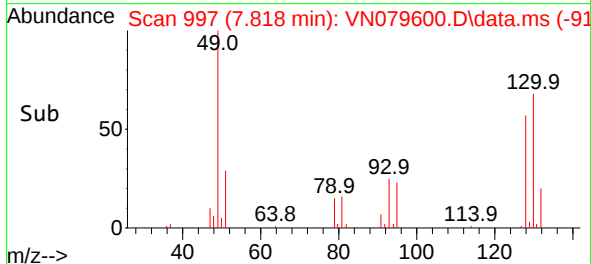
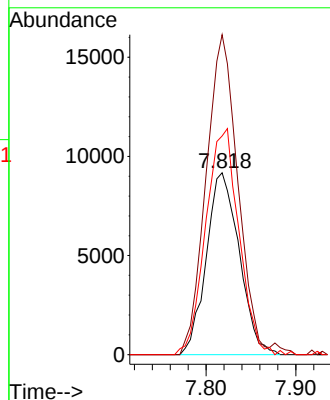
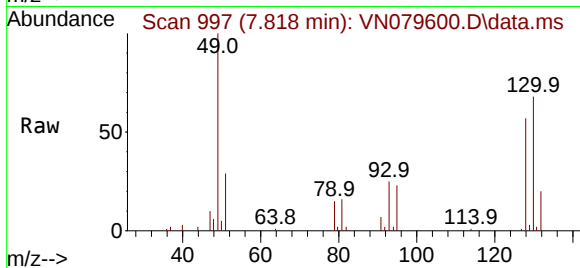




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN079600.D
Acq: 18 Oct 2023 15:01

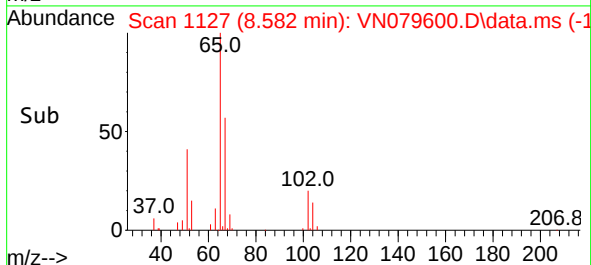
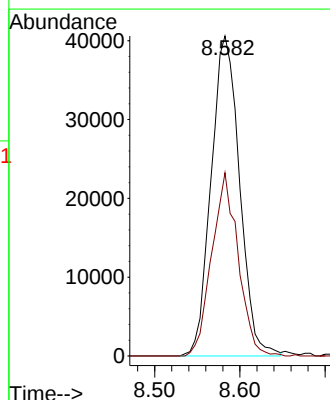
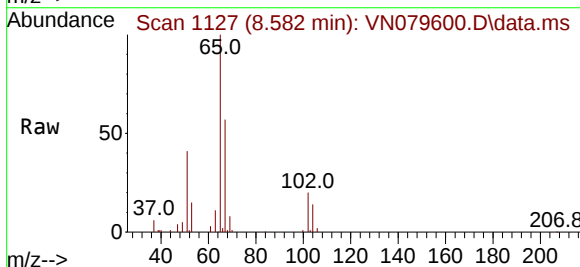
Instrument :
MSVOA_N
ClientSampleId :
14B-1

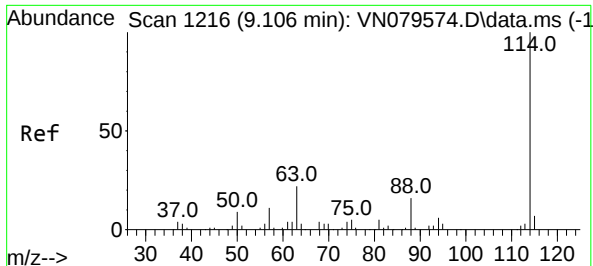
Tgt Ion:128 Resp: 23358
Ion Ratio Lower Upper
128 100
49 169.1 0.0 468.5
130 125.1 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 28.361 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079600.D
Acq: 18 Oct 2023 15:01

Tgt Ion: 65 Resp: 94187
Ion Ratio Lower Upper
65 100
67 52.8 42.1 63.1

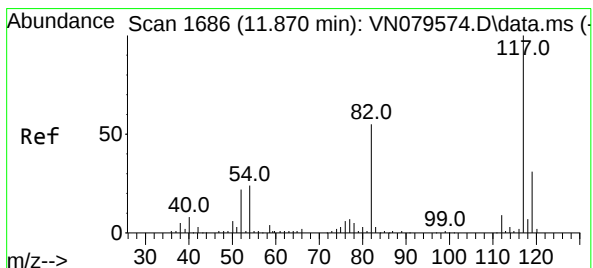
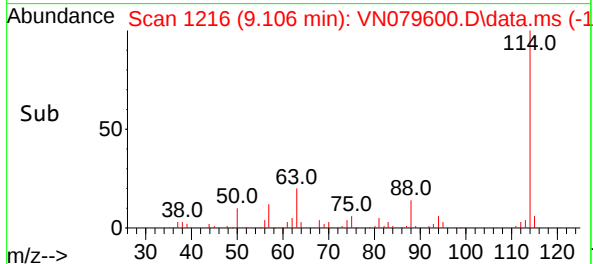
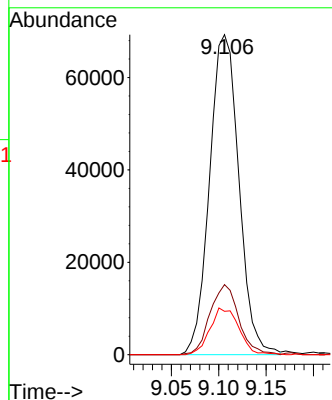
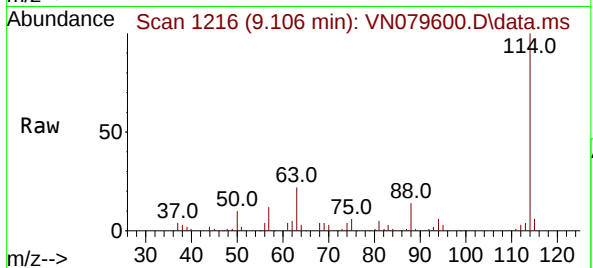




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 114
 Delta R.T. 0.000 min
 Lab File: VN079600.D
 Acq: 18 Oct 2023 15:01

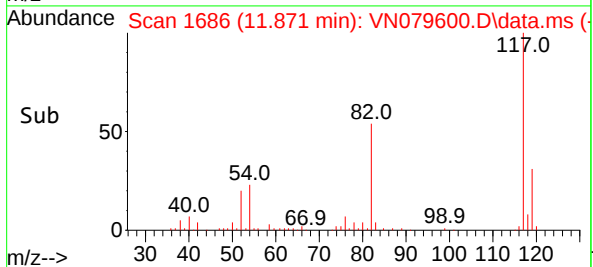
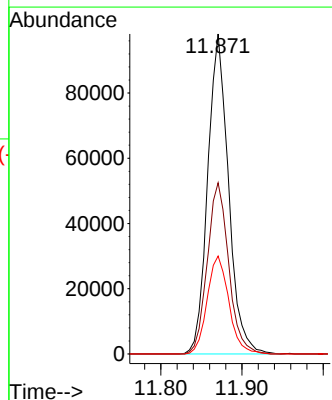
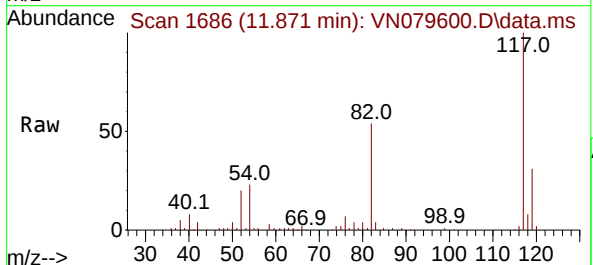
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

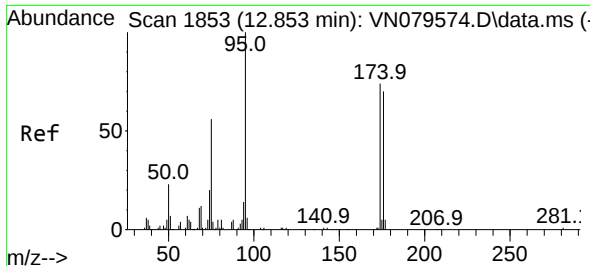
Tgt Ion:114 Resp: 149270
 Ion Ratio Lower Upper
 114 100
 63 21.4 18.1 27.1
 88 14.4 12.2 18.2



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079600.D
 Acq: 18 Oct 2023 15:01

Tgt Ion:117 Resp: 174569
 Ion Ratio Lower Upper
 117 100
 82 55.0 46.2 69.2
 119 31.9 25.2 37.8

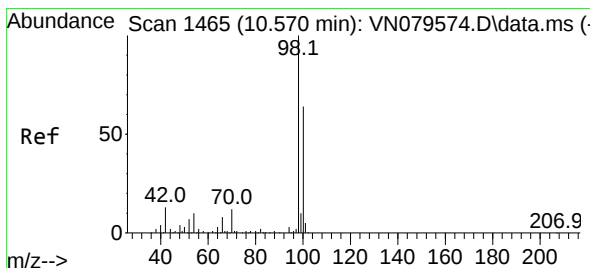
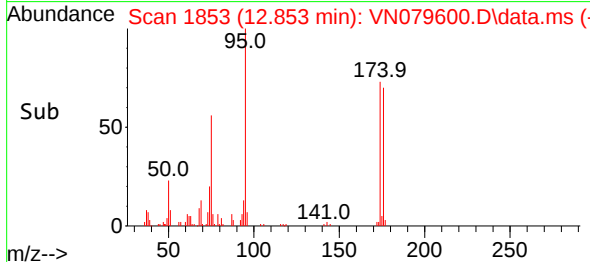
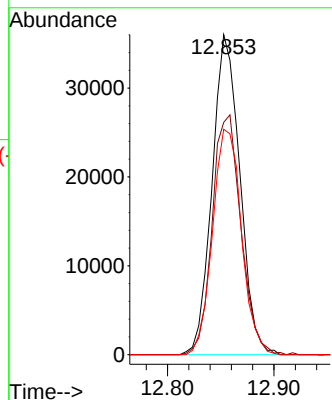
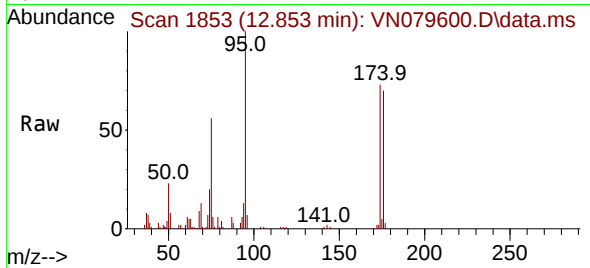




#60
4-Bromofluorobenzene
Concen: 20.429 ug/l
RT: 12.853 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079600.D
Acq: 18 Oct 2023 15:01

Instrument :
MSVOA_N
ClientSampleId :
14B-1

Tgt Ion: 95 Resp: 65216
Ion Ratio Lower Upper
95 100
174 77.5 60.5 90.7
176 73.2 57.2 85.8



#63
Toluene-d8
Concen: 29.026 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079600.D
Acq: 18 Oct 2023 15:01

Tgt Ion: 98 Resp: 217125
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4

