

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080012.D
 Acq On : 08 Nov 2023 23:54
 Operator : JC\MD
 Sample : 05298-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Nov 09 04:31:57 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	7.812	128	69615	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	324050	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	311863	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	179173	30.661	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.200%
60) 4-Bromofluorobenzene	12.853	95	118021	23.665	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.867%
63) Toluene-d8	10.571	98	424507	28.728	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.767%

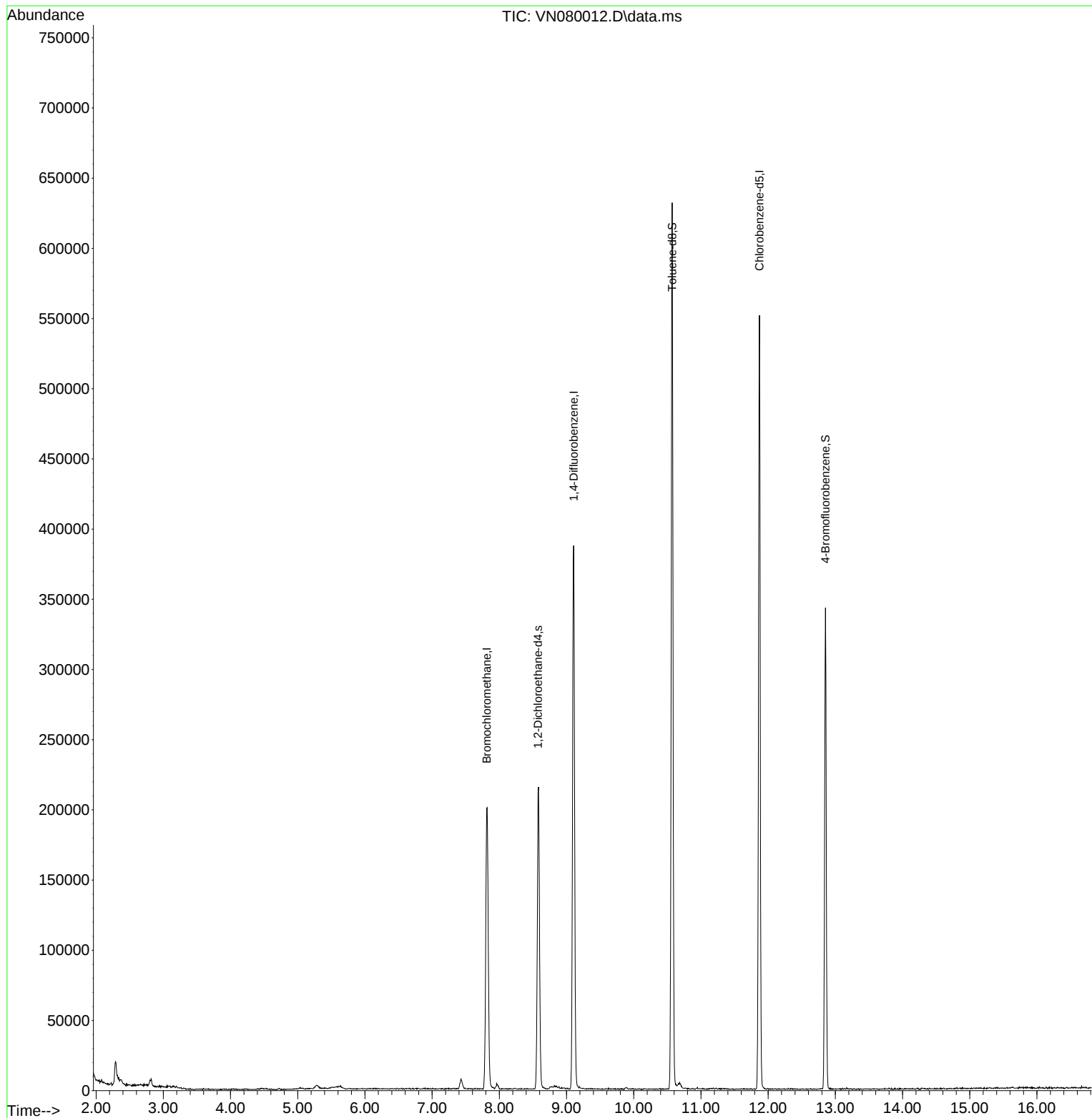
Target Compounds	Qvalue

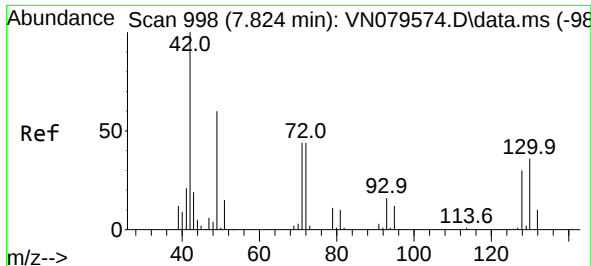
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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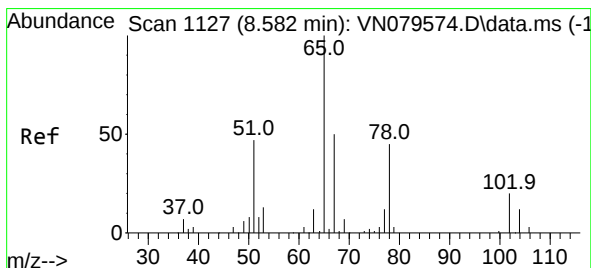
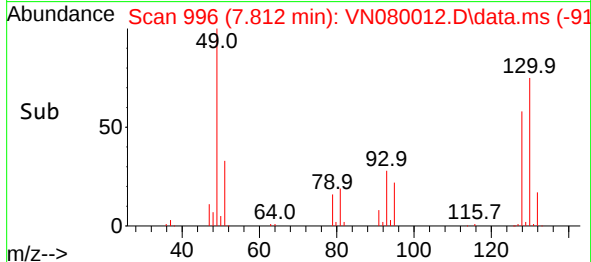
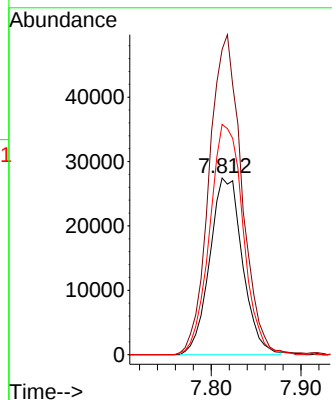
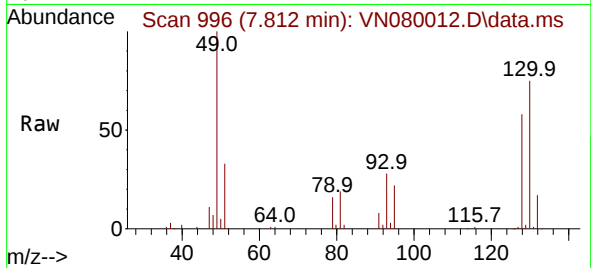




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN080012.D
Acq: 08 Nov 2023 23:54

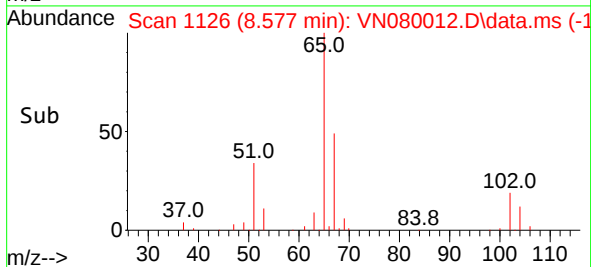
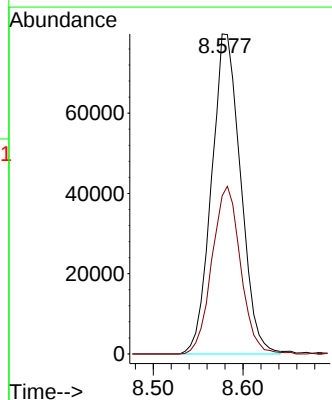
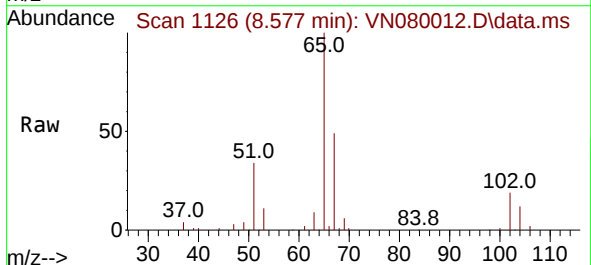
Instrument :
MSVOA_N
ClientSampleId :
14B-1

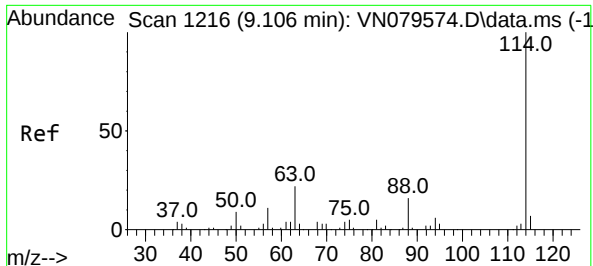
Tgt Ion:128 Resp: 69615
Ion Ratio Lower Upper
128 100
49 179.3 0.0 468.5
130 133.0 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 30.661 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN080012.D
Acq: 08 Nov 2023 23:54

Tgt Ion: 65 Resp: 179173
Ion Ratio Lower Upper
65 100
67 51.4 42.1 63.1

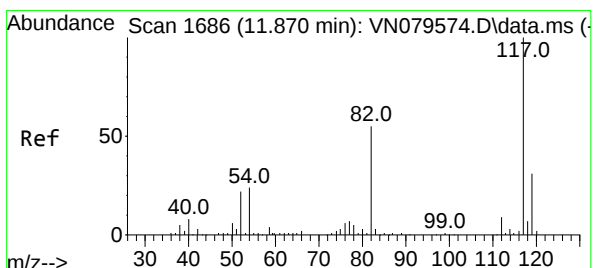
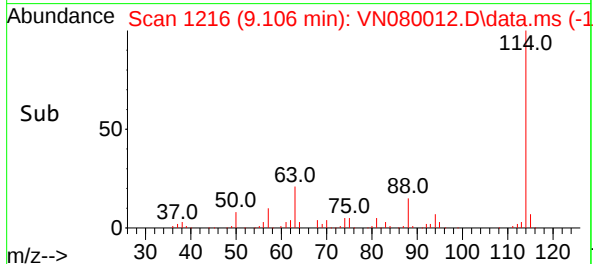
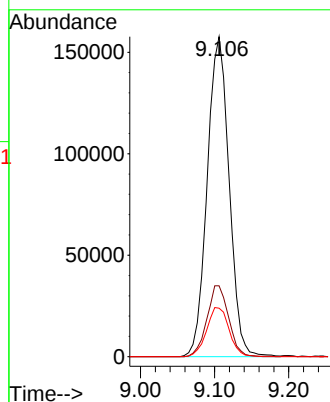
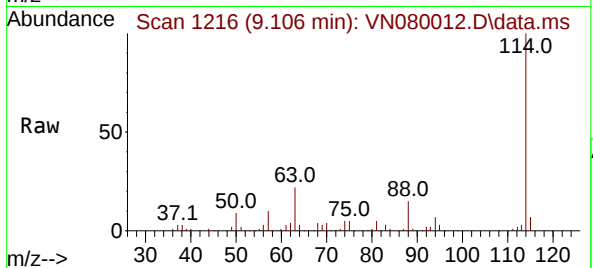




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN080012.D
Acq: 08 Nov 2023 23:54

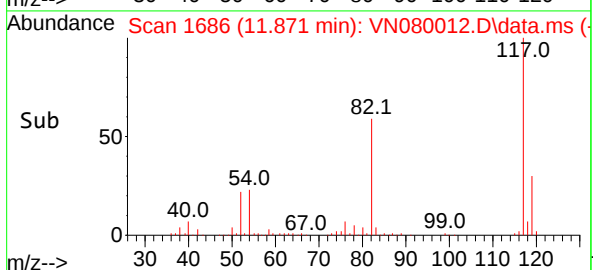
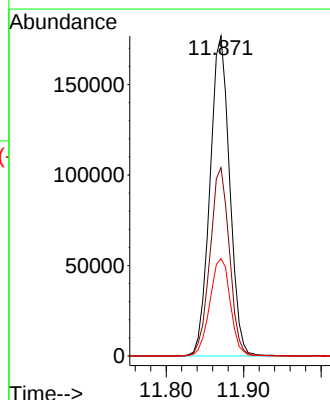
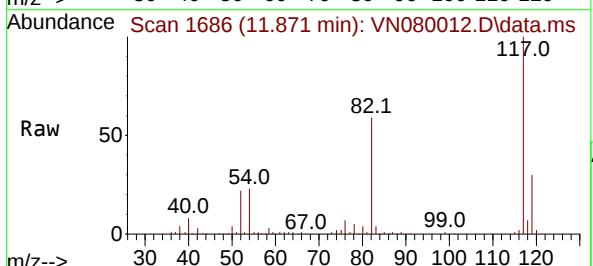
Instrument :
MSVOA_N
ClientSampleId :
14B-1

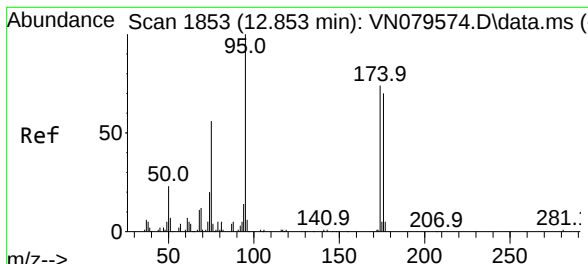
Tgt Ion:114 Resp: 324050
Ion Ratio Lower Upper
114 100
63 21.9 18.1 27.1
88 15.8 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN080012.D
Acq: 08 Nov 2023 23:54

Tgt Ion:117 Resp: 311863
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.2
119 31.6 25.2 37.8

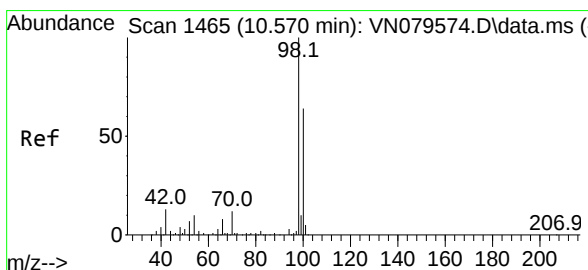
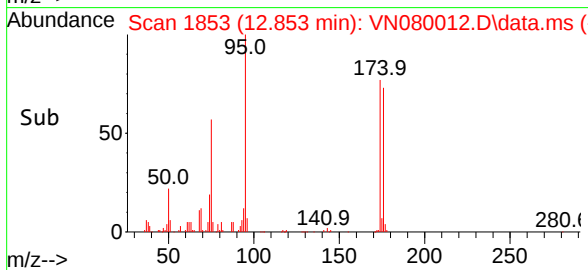
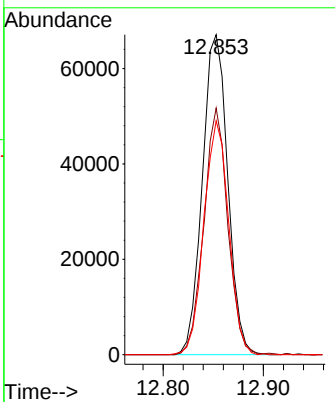
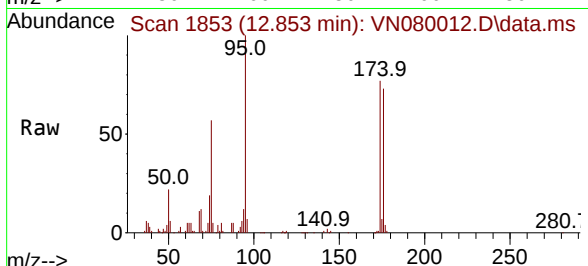




#60
 4-Bromofluorobenzene
 Concen: 23.665 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN080012.D
 Acq: 08 Nov 2023 23:54

Instrument :
 MSVOA_N
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 14B-1

Tgt Ion:	95	Resp:	118021
Ion	Ratio	Lower	Upper
95	100		
174	72.6	60.5	90.7
176	71.6	57.2	85.8



#63
 Toluene-d8
 Concen: 28.728 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. 0.001 min
 Lab File: VN080012.D
 Acq: 08 Nov 2023 23:54

Tgt Ion:	98	Resp:	424507
Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.6	77.4

