

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080016.D
 Acq On : 09 Nov 2023 01:29
 Operator : JC\MD
 Sample : 05282-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20231106

Quant Time: Nov 09 04:33:06 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	49865	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	243167	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	244320	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	130474	31.171	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.900%
60) 4-Bromofluorobenzene	12.853	95	113066	28.939	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.467%
63) Toluene-d8	10.571	98	314648	27.180	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	90.600%#

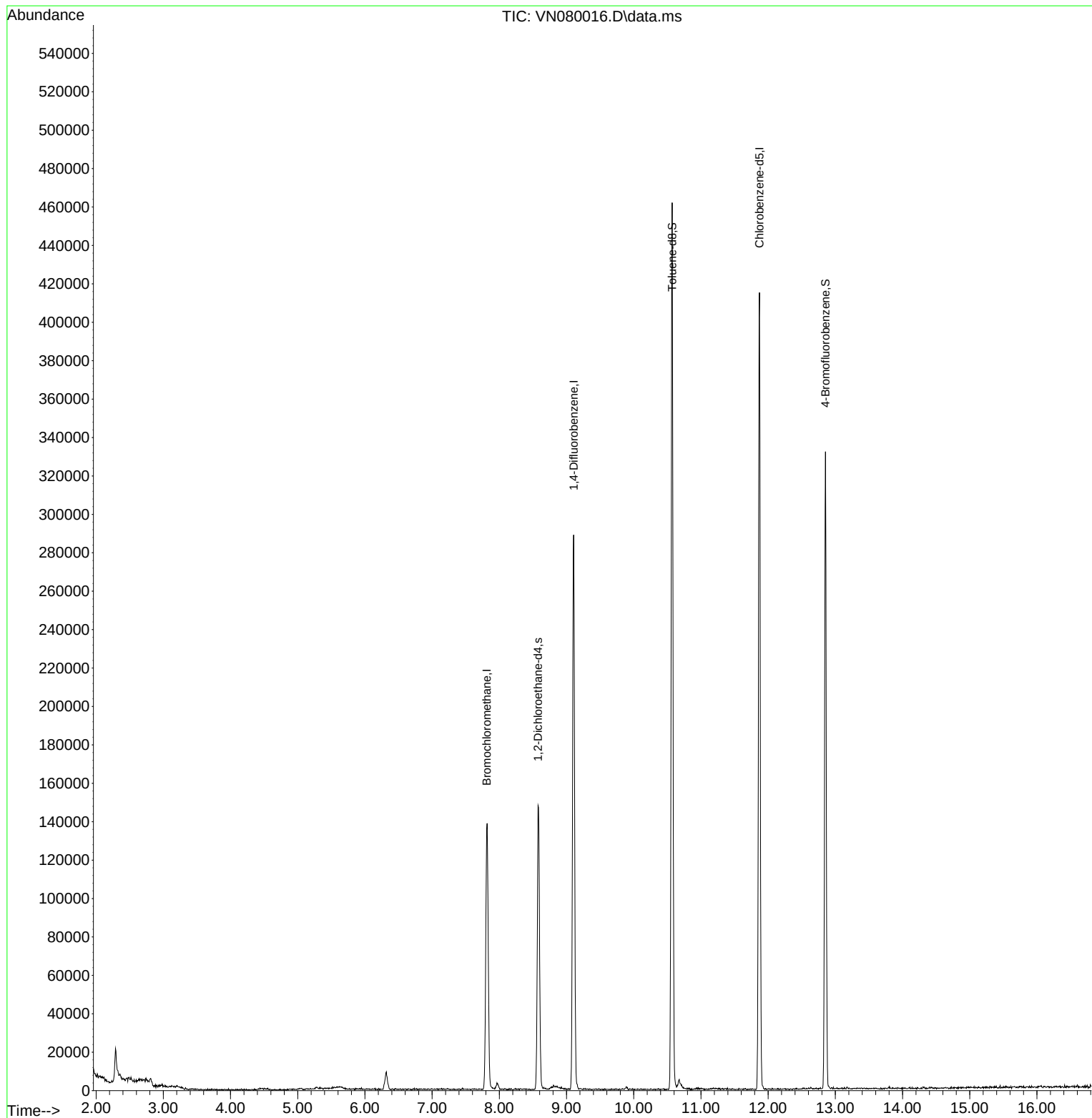
Target Compounds	Qvalue

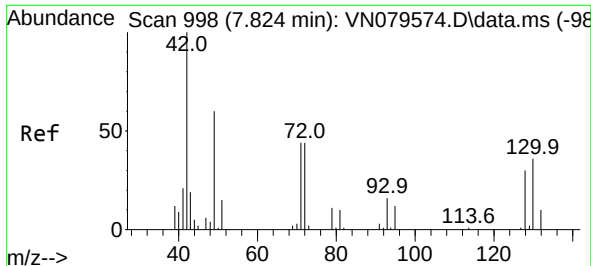
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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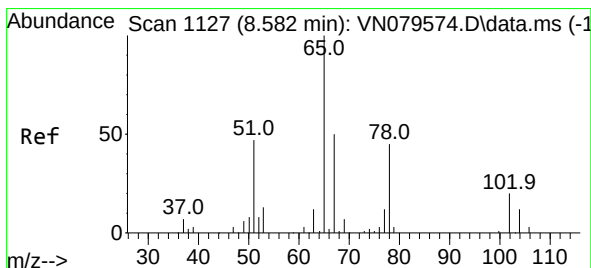
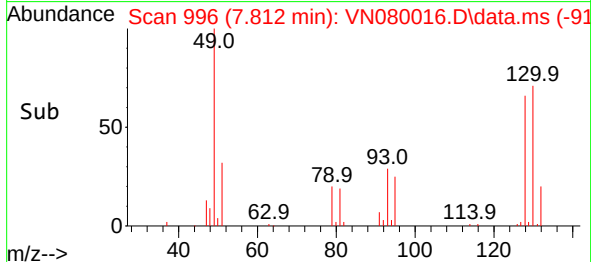
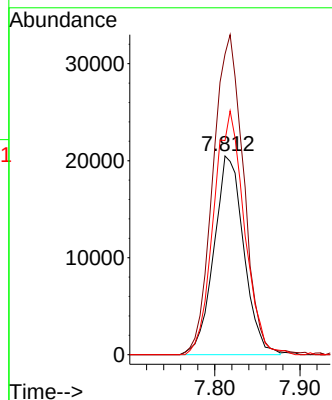
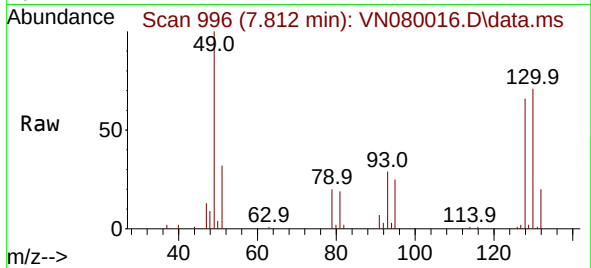




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN080016.D
Acq: 09 Nov 2023 01:29

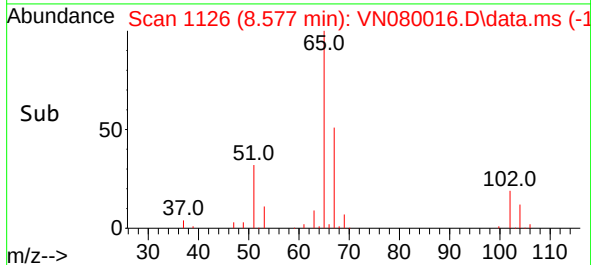
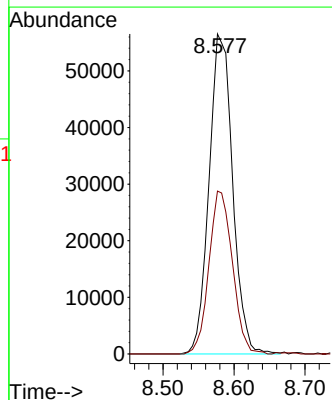
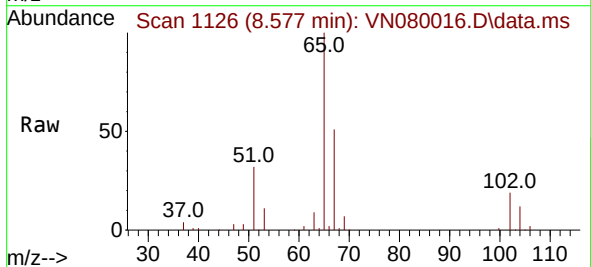
Instrument :
MSVOA_N
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TB-20231106

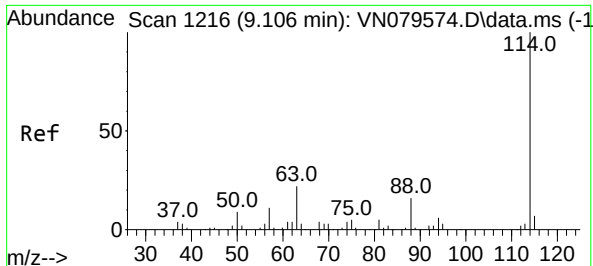
Tgt Ion:128 Resp: 49865
Ion Ratio Lower Upper
128 100
49 165.2 0.0 468.5
130 126.5 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 31.171 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN080016.D
Acq: 09 Nov 2023 01:29

Tgt Ion: 65 Resp: 130474
Ion Ratio Lower Upper
65 100
67 50.6 42.1 63.1

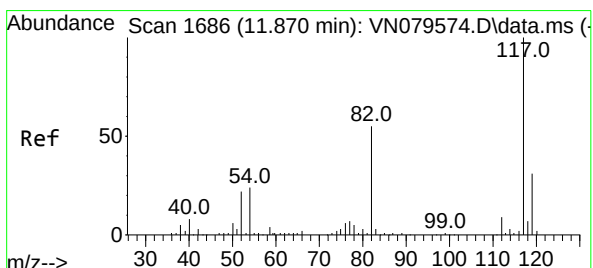
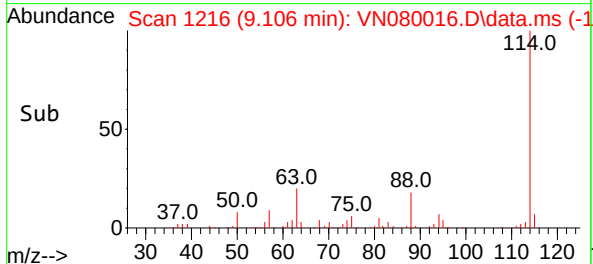
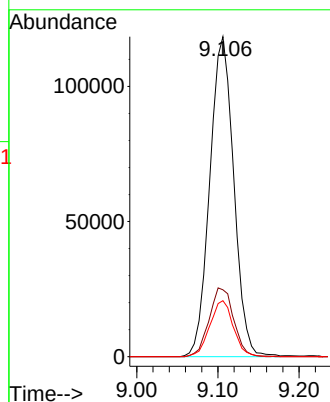
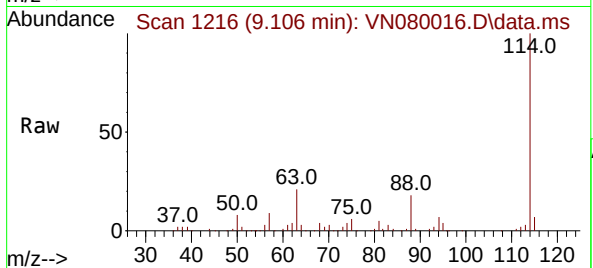




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080016.D
Acq: 09 Nov 2023 01:29

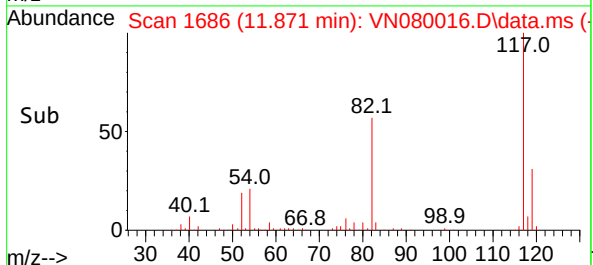
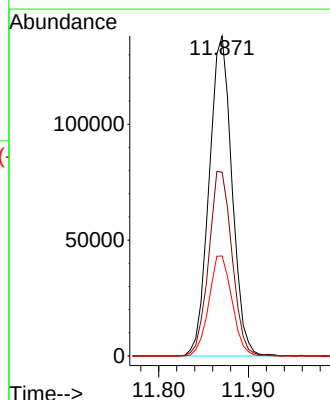
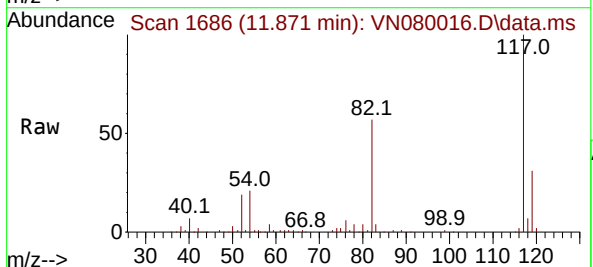
Instrument :
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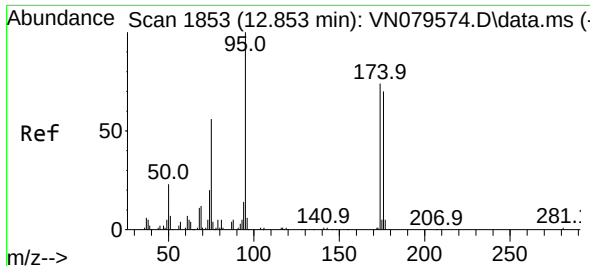
Tgt Ion:114 Resp: 243167
Ion Ratio Lower Upper
114 100
63 21.9 18.1 27.1
88 17.2 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN080016.D
Acq: 09 Nov 2023 01:29

Tgt Ion:117 Resp: 244320
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.2
119 31.7 25.2 37.8

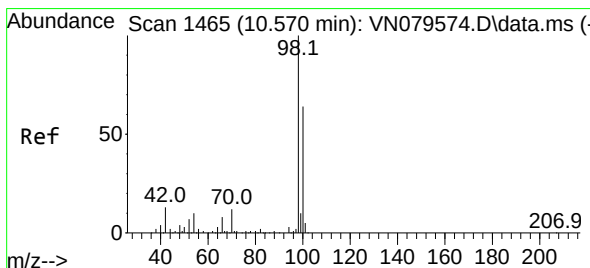
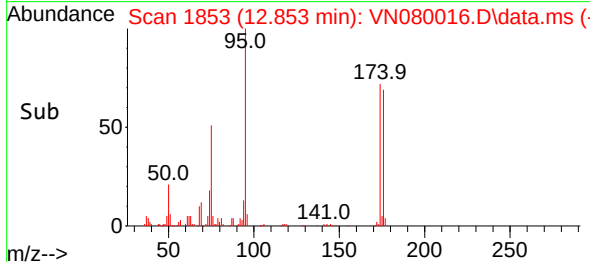
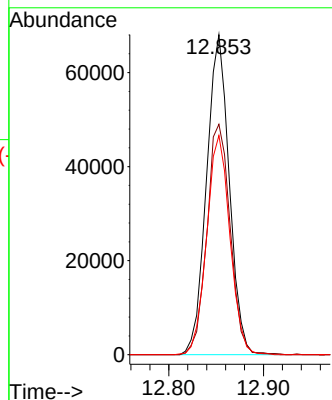
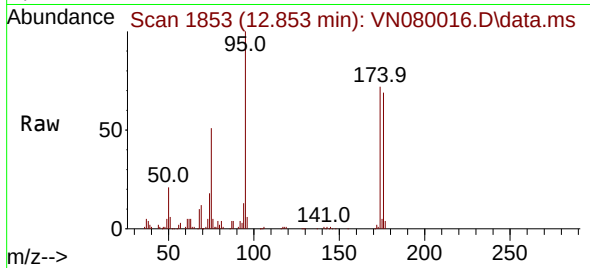




#60
4-Bromofluorobenzene
Concen: 28.939 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080016.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 95 Resp: 113066
Ion Ratio Lower Upper
95 100
174 73.9 60.5 90.7
176 70.1 57.2 85.8



#63
Toluene-d8
Concen: 27.180 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN080016.D
Acq: 09 Nov 2023 01:29

Tgt Ion: 98 Resp: 314648
Ion Ratio Lower Upper
98 100
100 65.6 51.6 77.4

