

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
 Data File : VN080263.D
 Acq On : 24 Nov 2023 15:06
 Operator : JC\MD
 Sample : 05525-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP14

Quant Time: Nov 27 04:08:05 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	14871	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	106455	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	129178	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	74413	59.611	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	198.700%#
60) 4-Bromofluorobenzene	12.853	95	69511	33.649	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	112.167%#
63) Toluene-d8	10.570	98	154568	25.253	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	84.167%#

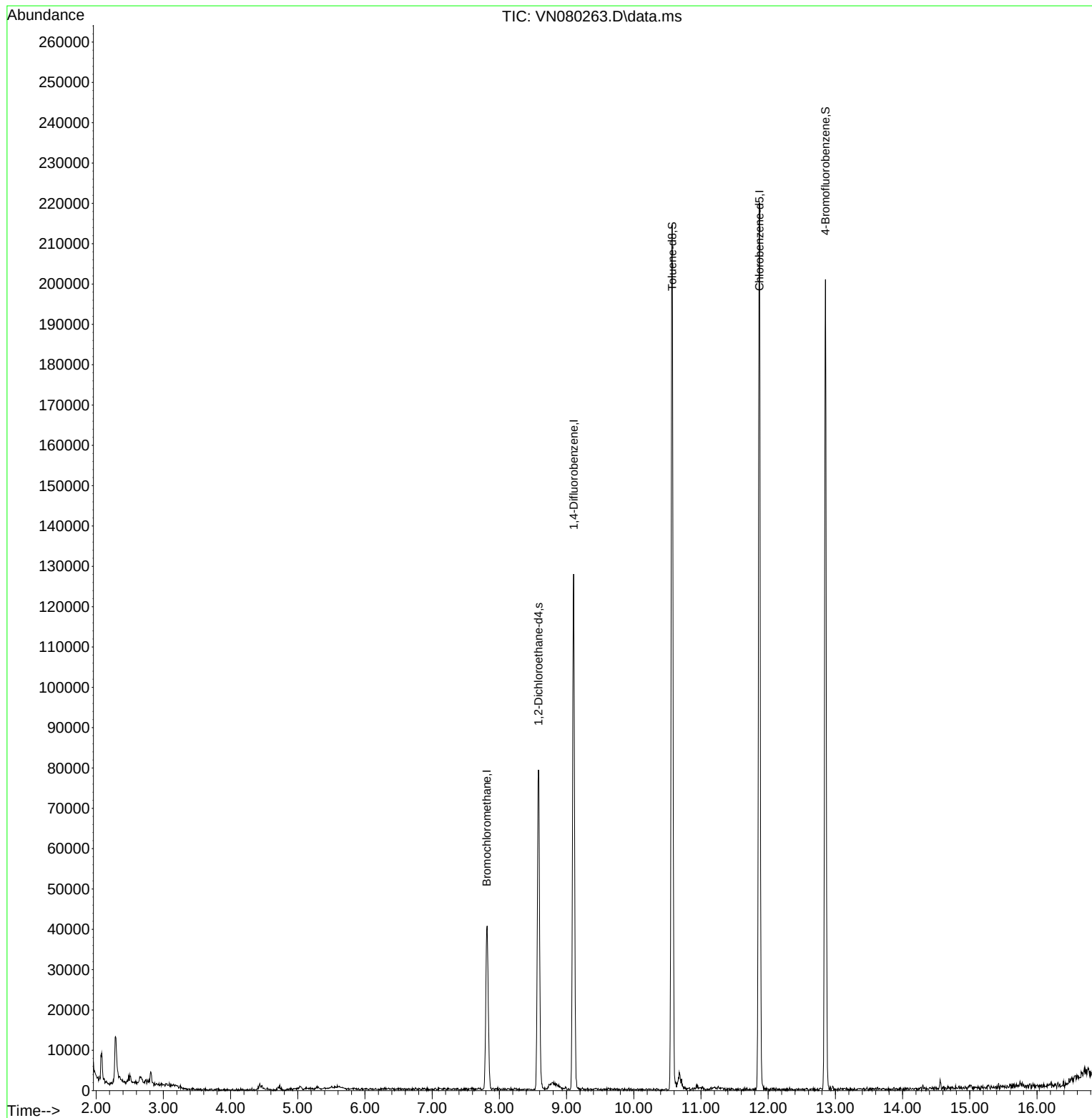
Target Compounds	Qvalue

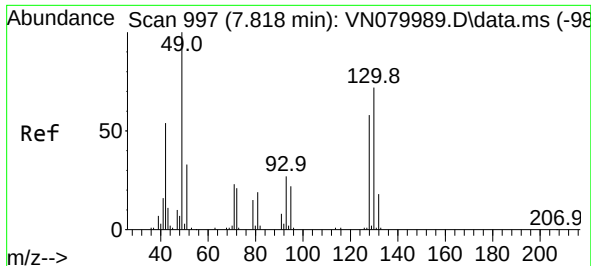
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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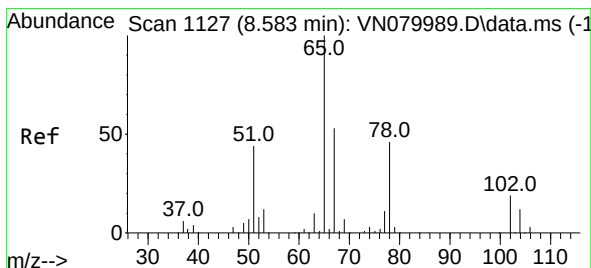
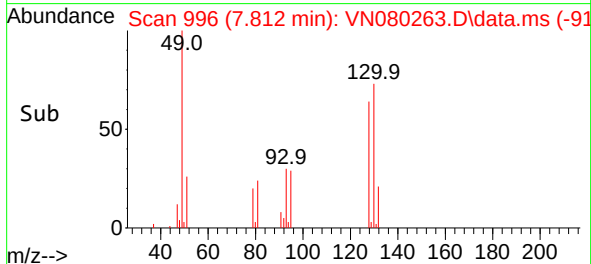
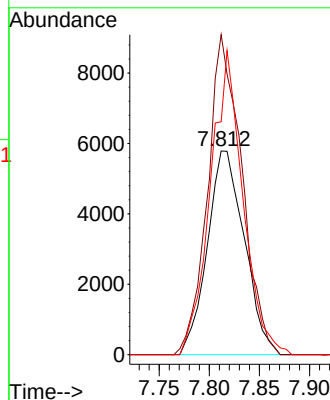
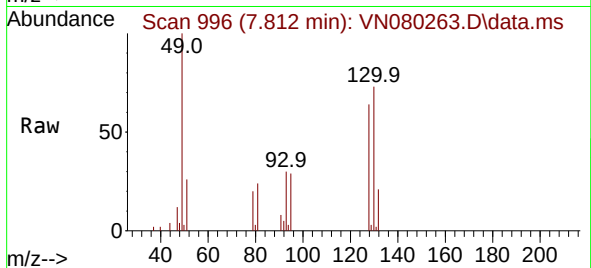




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN080263.D
Acq: 24 Nov 2023 15:06

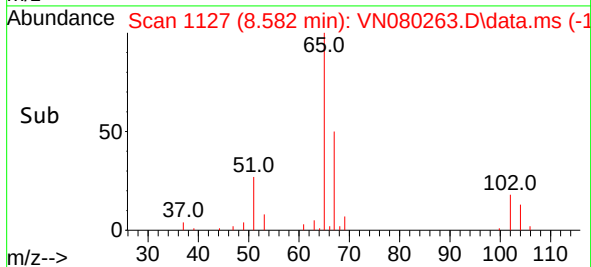
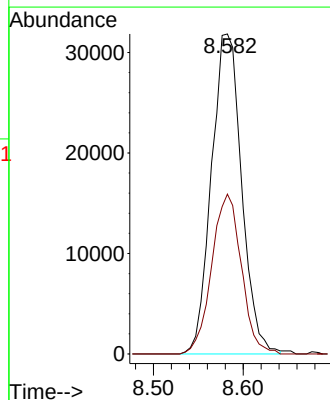
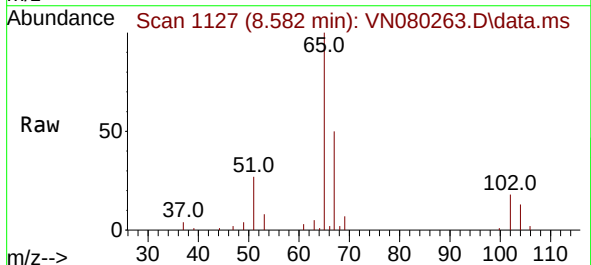
Instrument :
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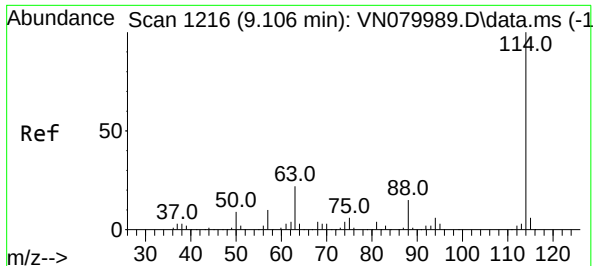
Tgt Ion:128 Resp: 14871
Ion Ratio Lower Upper
128 100
49 145.2 0.0 468.5
130 131.5 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 59.611 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080263.D
Acq: 24 Nov 2023 15:06

Tgt Ion: 65 Resp: 74413
Ion Ratio Lower Upper
65 100
67 49.0 42.1 63.1

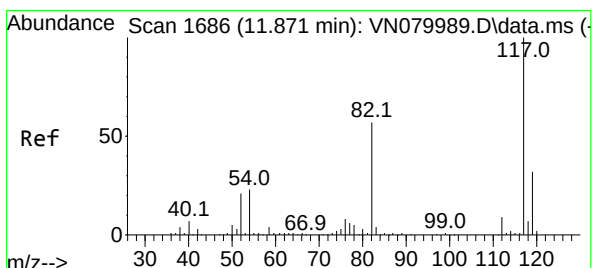
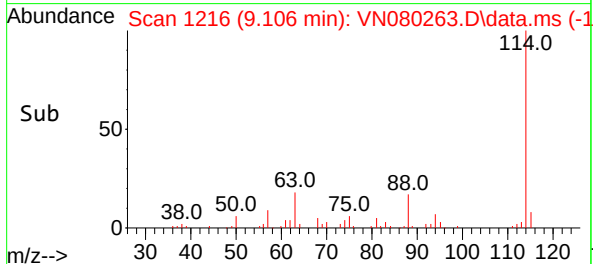
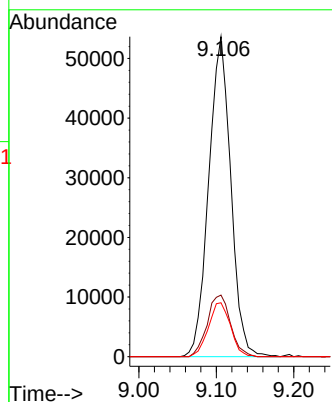
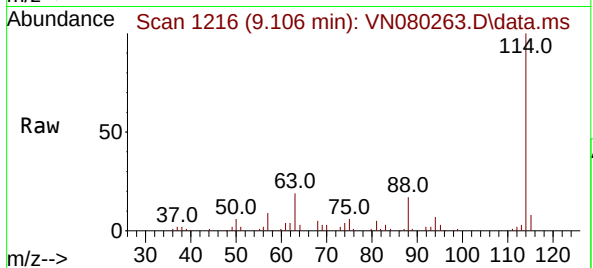




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080263.D
Acq: 24 Nov 2023 15:06

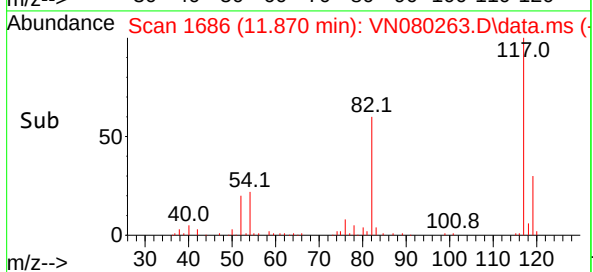
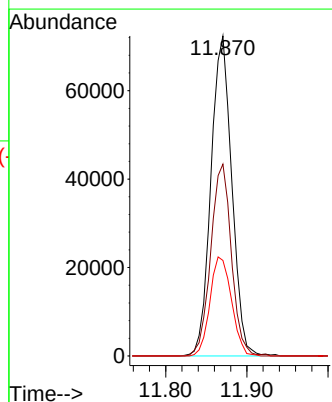
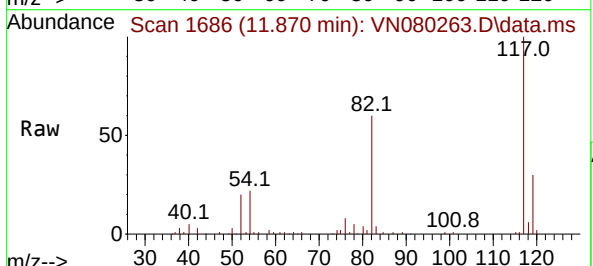
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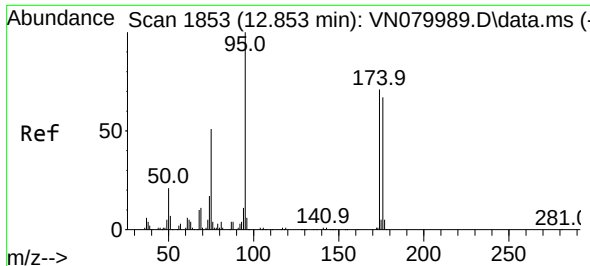
Tgt Ion:114 Resp: 106455
Ion Ratio Lower Upper
114 100
63 20.3 18.1 27.1
88 16.9 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080263.D
Acq: 24 Nov 2023 15:06

Tgt Ion:117 Resp: 129178
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.2
119 31.9 25.2 37.8

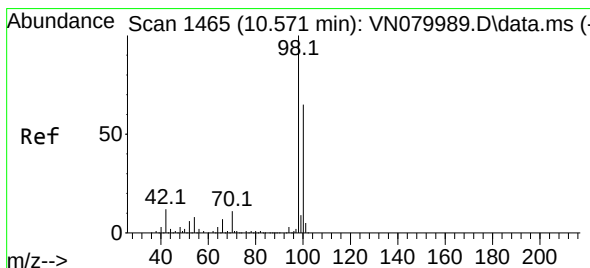
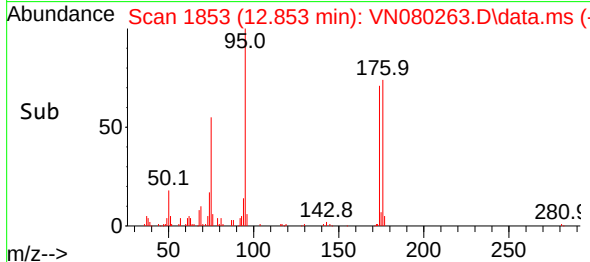
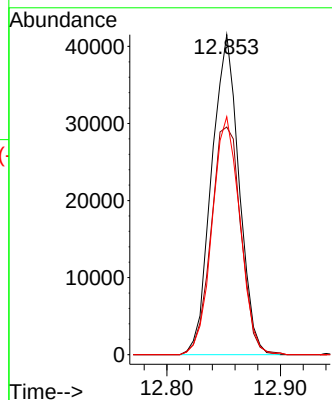
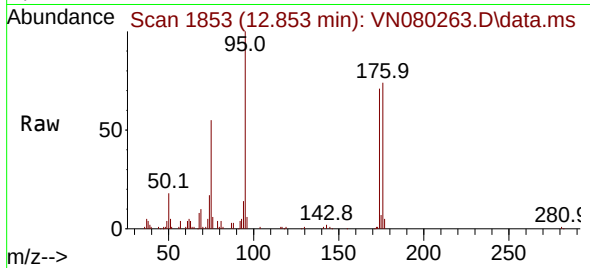




#60
4-Bromofluorobenzene
Concen: 33.649 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080263.D
Acq: 24 Nov 2023 15:06

Instrument :
MSVOA_N
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Tgt Ion: 95 Resp: 69511
Ion Ratio Lower Upper
95 100
174 77.6 60.5 90.7
176 75.6 57.2 85.8



#63
Toluene-d8
Concen: 25.253 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080263.D
Acq: 24 Nov 2023 15:06

Tgt Ion: 98 Resp: 154568
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

