

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081154.D
 Acq On : 23 Feb 2024 11:17
 Operator : JC\MD
 Sample : VN0223WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBL01

Quant Time: Feb 24 00:11:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	61802	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	364380	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	316948	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	143605	30.924	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.067%
60) 4-Bromofluorobenzene	12.853	95	141420	29.186	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.300%
63) Toluene-d8	10.570	98	424942	29.876	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.600%

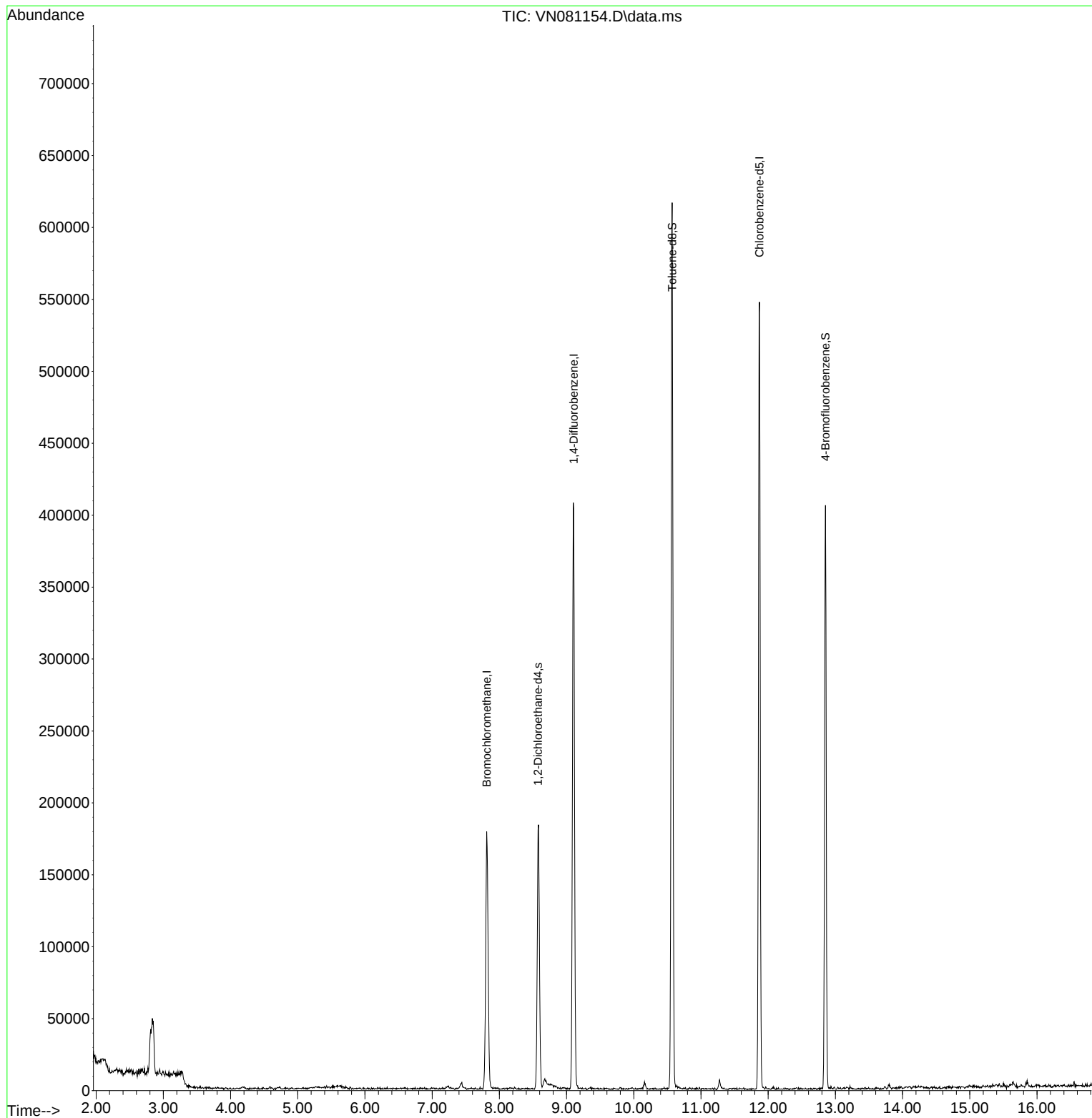
Target Compounds	Qvalue

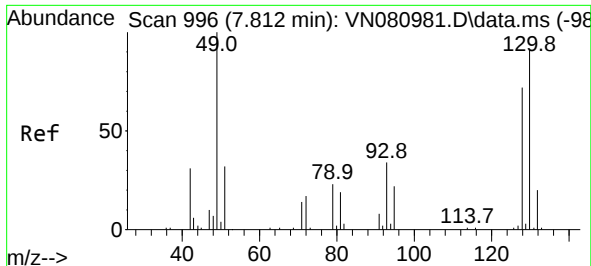
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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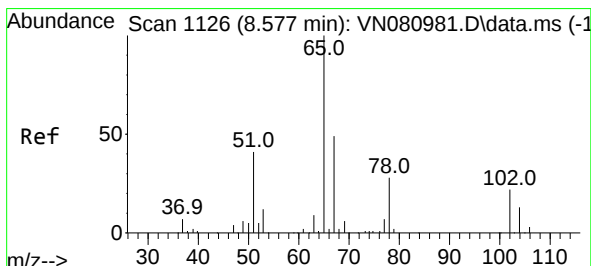
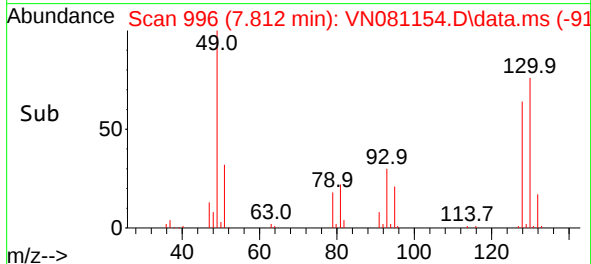
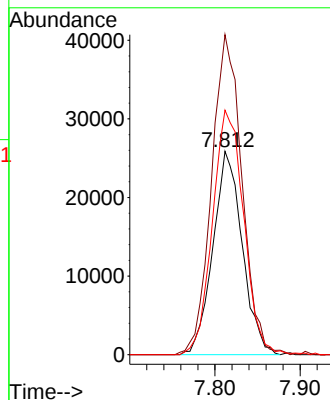
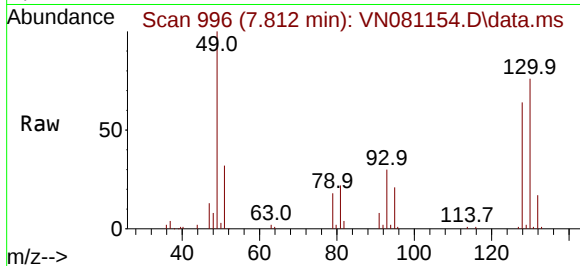




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081154.D
Acq: 23 Feb 2024 11:17

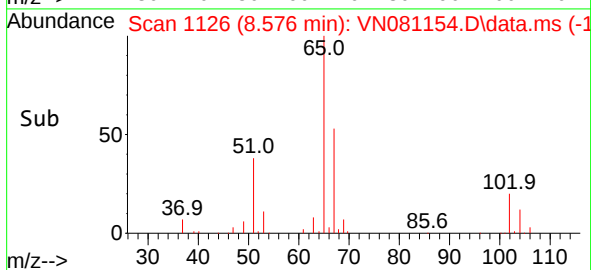
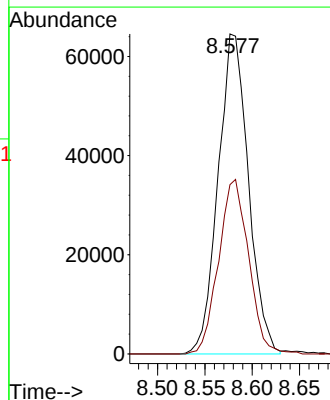
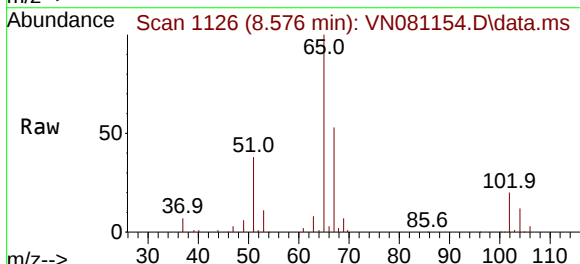
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBL01

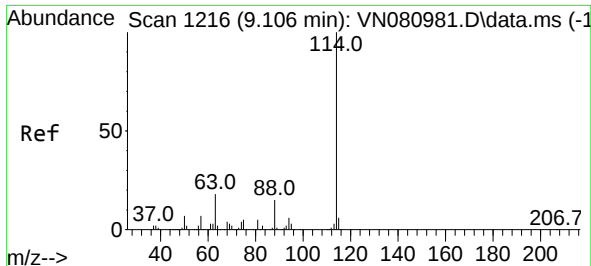
Tgt Ion:128 Resp: 61802
Ion Ratio Lower Upper
128 100
49 162.4 0.0 403.7
130 128.1 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 30.924 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081154.D
Acq: 23 Feb 2024 11:17

Tgt Ion: 65 Resp: 143605
Ion Ratio Lower Upper
65 100
67 54.1 43.2 64.8

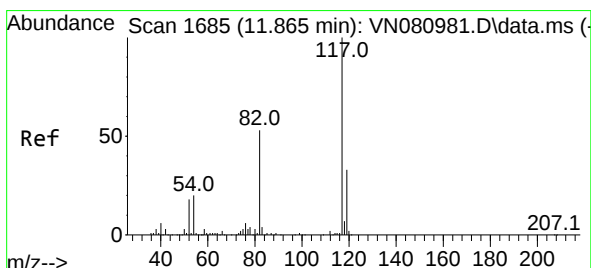
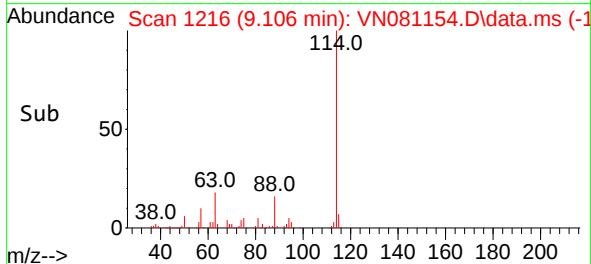
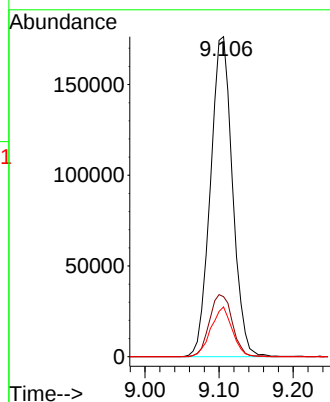
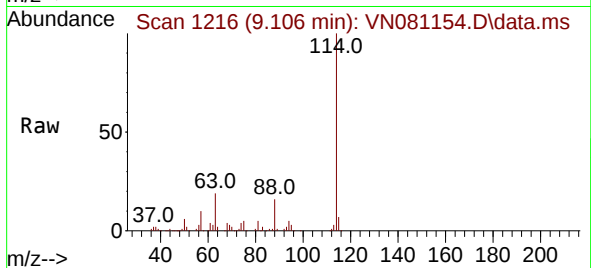




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081154.D
Acq: 23 Feb 2024 11:17

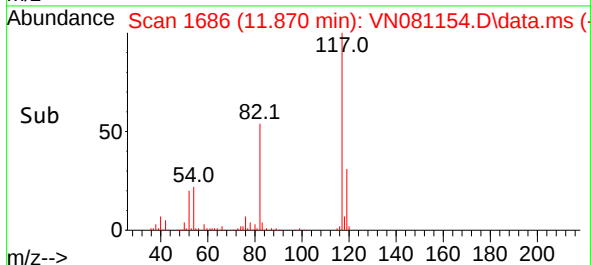
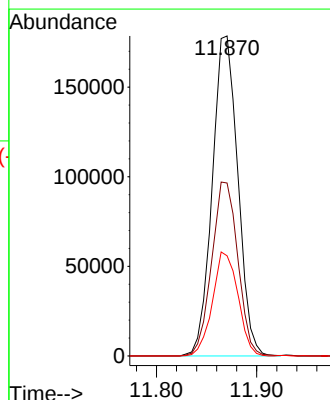
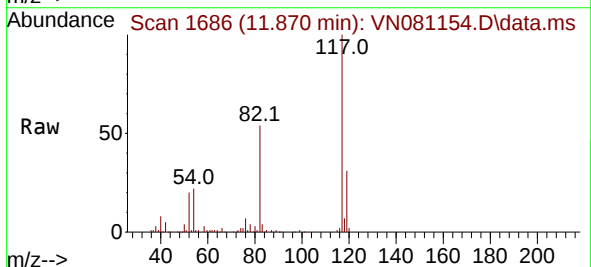
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VN0223WBL01

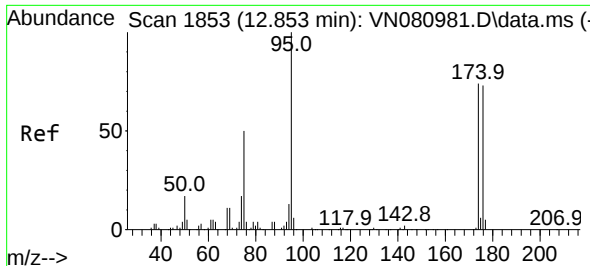
Tgt Ion:114 Resp: 364380
Ion Ratio Lower Upper
114 100
63 20.1 15.9 23.9
88 15.1 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081154.D
Acq: 23 Feb 2024 11:17

Tgt Ion:117 Resp: 316948
Ion Ratio Lower Upper
117 100
82 55.5 46.6 69.8
119 32.3 25.4 38.2

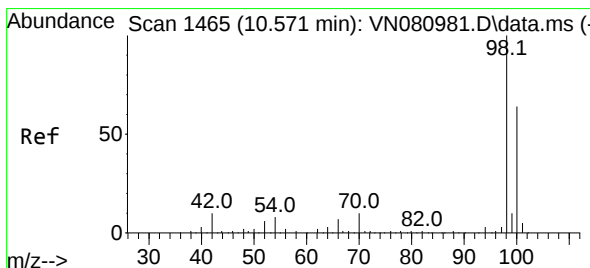
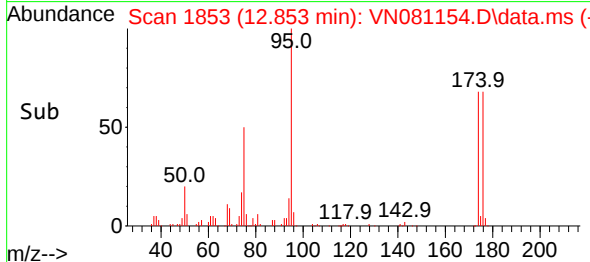
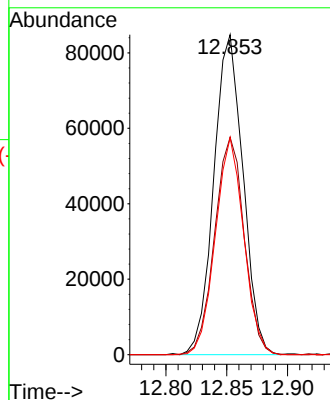
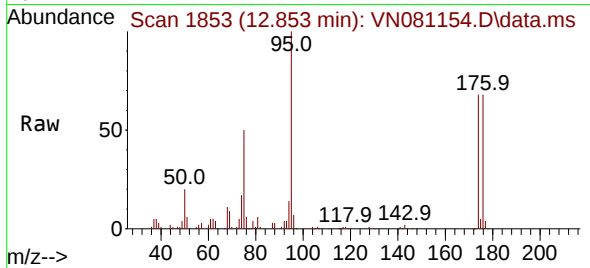




#60
4-Bromofluorobenzene
Concen: 29.186 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081154.D
Acq: 23 Feb 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBL01

Tgt Ion: 95 Resp: 141420
Ion Ratio Lower Upper
95 100
174 68.7 60.5 90.7
176 65.8 57.8 86.6



#63
Toluene-d8
Concen: 29.876 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081154.D
Acq: 23 Feb 2024 11:17

Tgt Ion: 98 Resp: 424942
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1

