

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082110.D
 Acq On : 13 May 2024 20:44
 Operator : JC\MD
 Sample : P2443-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240508035-05RE

Quant Time: May 14 03:37:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	21546	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	128704	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.870	117	110517	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	60444	33.507	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.700%#
60) 4-Bromofluorobenzene	12.853	95	47703	25.936	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.467%
63) Toluene-d8	10.565	98	160824	30.642	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.133%

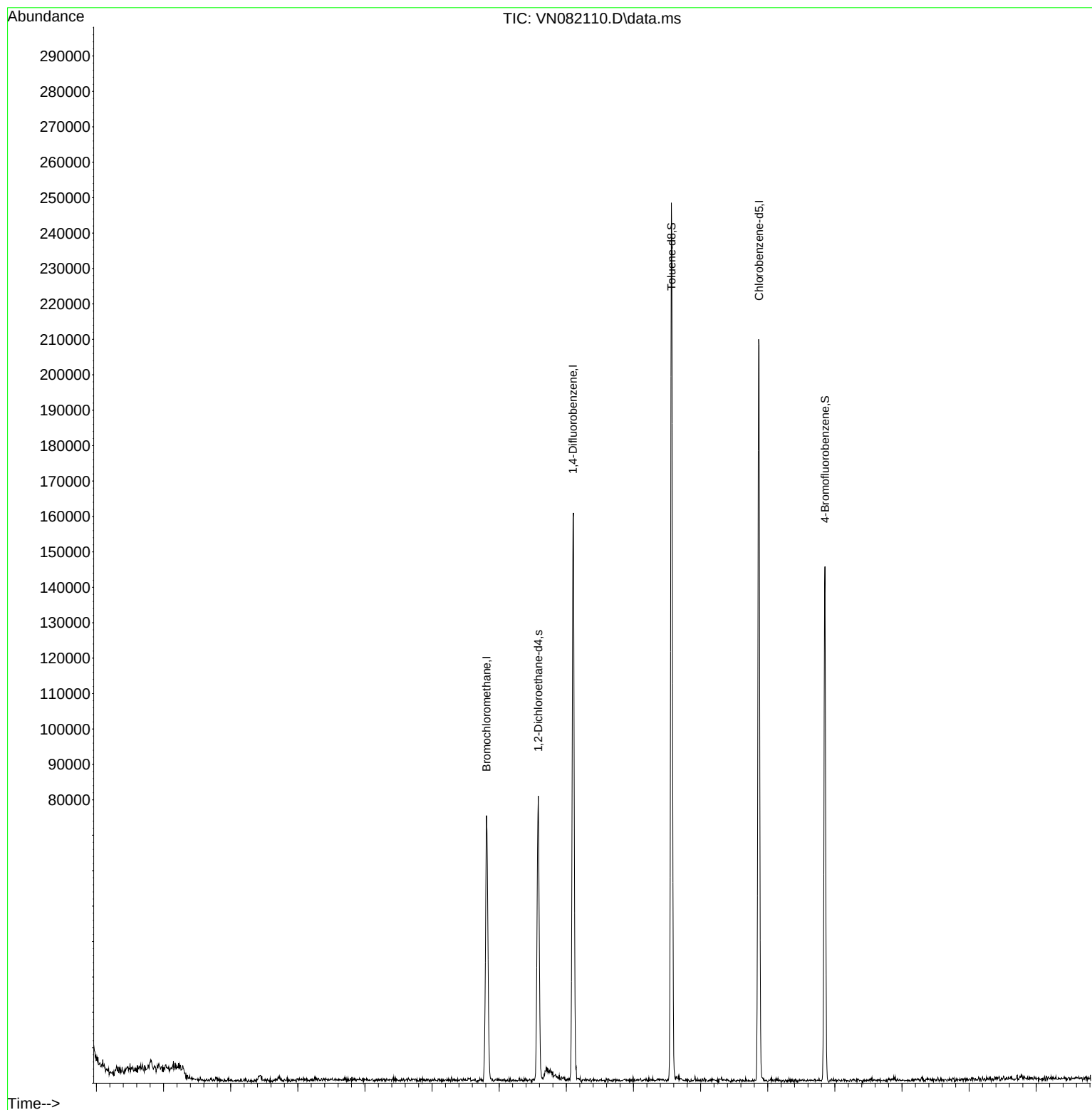
Target Compounds	Qvalue

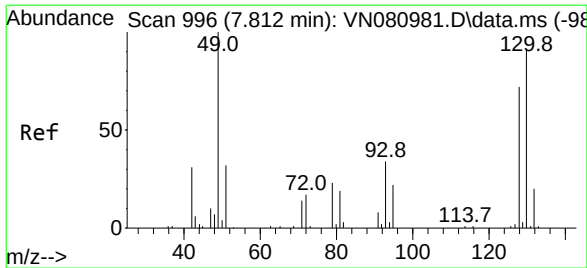
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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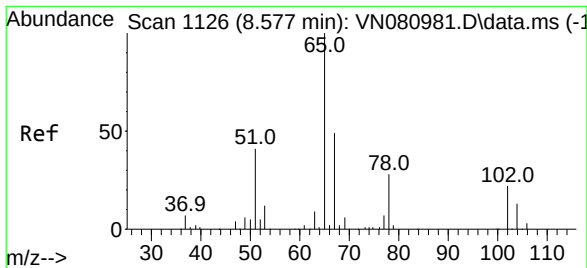
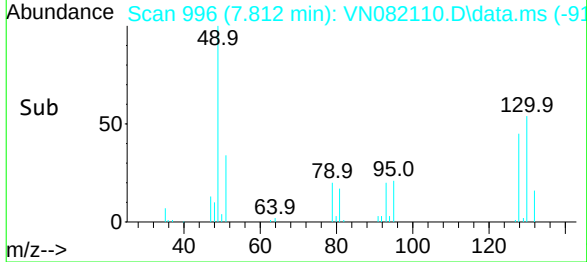
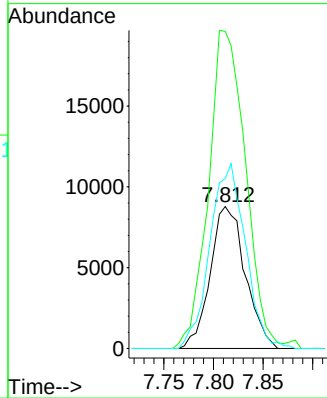
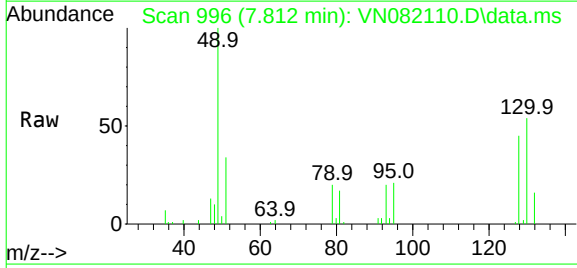




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082110.D
Acq: 13 May 2024 20:44

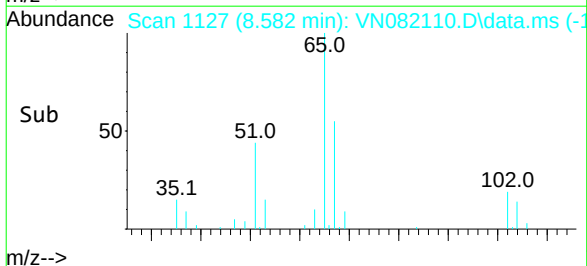
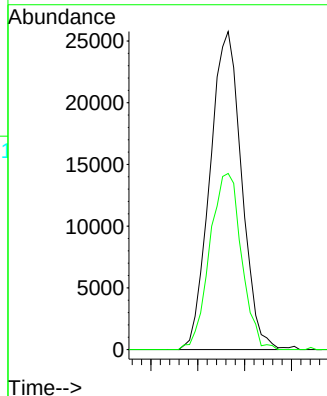
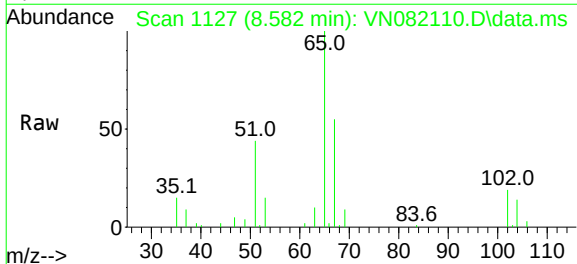
Instrument :
MSVOA_N
ClientSampleId :
240508035-05RE

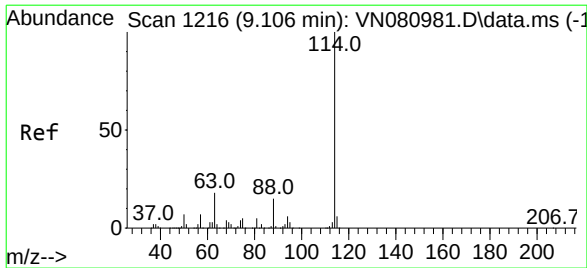
Tgt Ion:128 Resp: 21546
Ion Ratio Lower Upper
128 100
49 236.7 0.0 403.7
130 132.3 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 33.507 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082110.D
Acq: 13 May 2024 20:44

Tgt Ion: 65 Resp: 60444
Ion Ratio Lower Upper
65 100
67 55.2 43.2 64.8

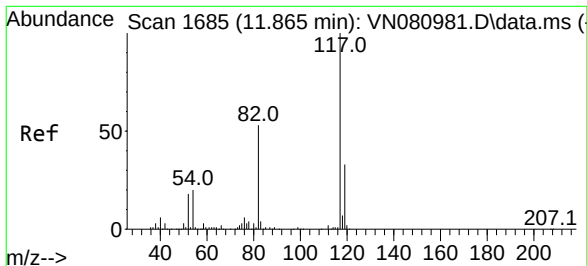
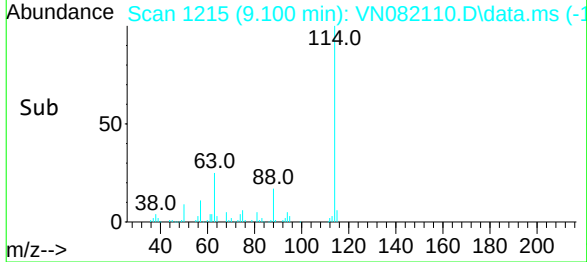
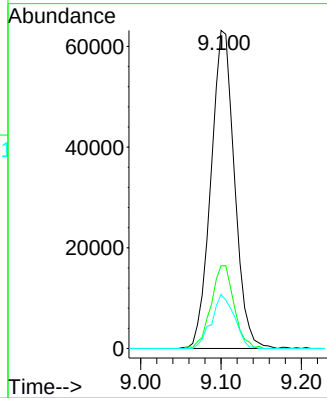
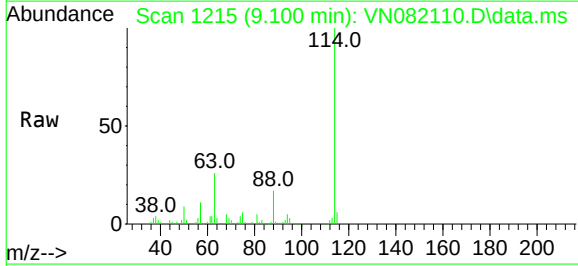




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN082110.D
Acq: 13 May 2024 20:44

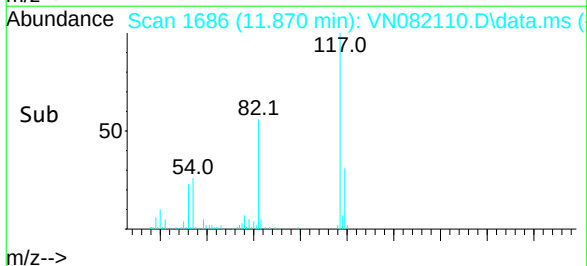
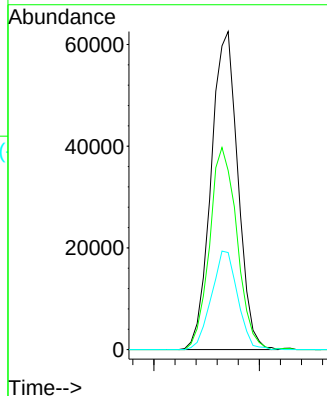
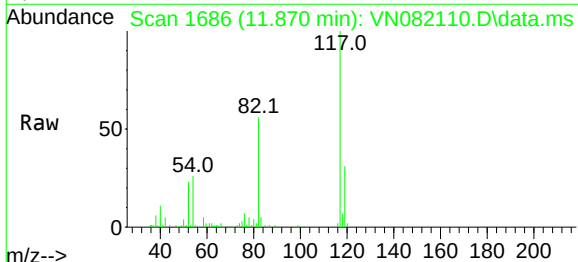
Instrument :
MSVOA_N
ClientSampleId :
240508035-05RE

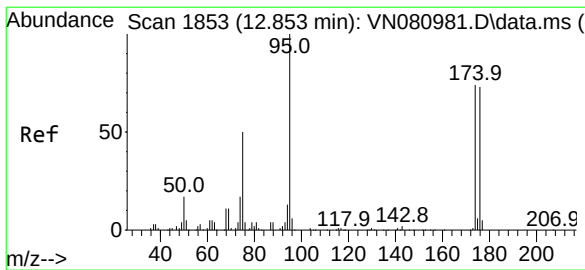
Tgt Ion:114 Resp: 128704
Ion Ratio Lower Upper
114 100
63 25.4 15.9 23.9#
88 16.5 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082110.D
Acq: 13 May 2024 20:44

Tgt Ion:117 Resp: 110517
Ion Ratio Lower Upper
117 100
82 64.8 46.6 69.8
119 30.1 25.4 38.2

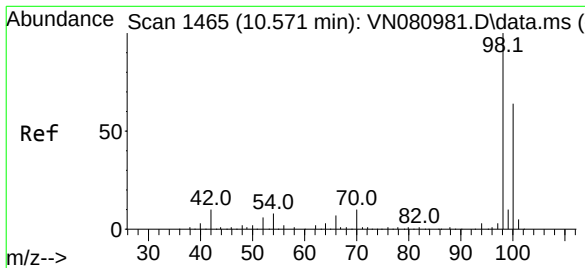
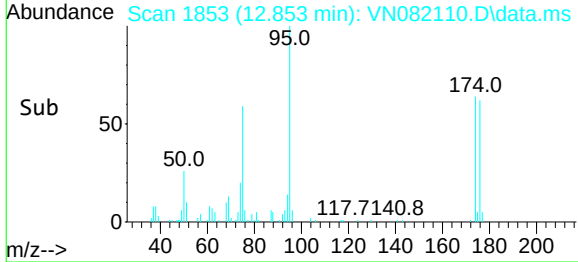
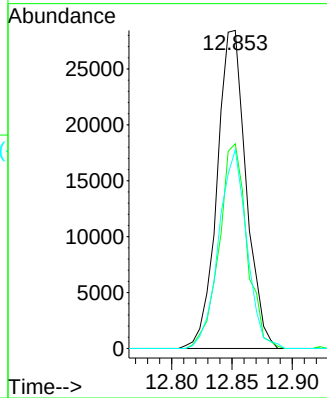
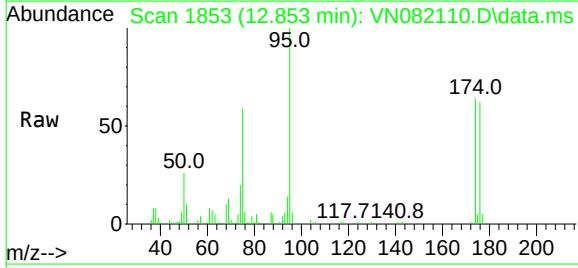




#60
4-Bromofluorobenzene
Concen: 25.936 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082110.D
Acq: 13 May 2024 20:44

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 95 Resp: 47703
Ion Ratio Lower Upper
95 100
174 61.7 60.5 90.7
176 60.3 57.8 86.6



#63
Toluene-d8
Concen: 30.642 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082110.D
Acq: 13 May 2024 20:44

Tgt Ion: 98 Resp: 160824
Ion Ratio Lower Upper
98 100
100 63.9 52.7 79.1

