

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080675.D
 Acq On : 11 Jan 2024 14:29
 Operator : JC\MD
 Sample : VN0111WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBL01

Quant Time: Jan 12 05:23:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	13861	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	125118	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	136218	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	64698	28.904	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.333%
60) 4-Bromofluorobenzene	12.853	95	83164	27.599	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.000%
63) Toluene-d8	10.565	98	181719	30.397	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.333%

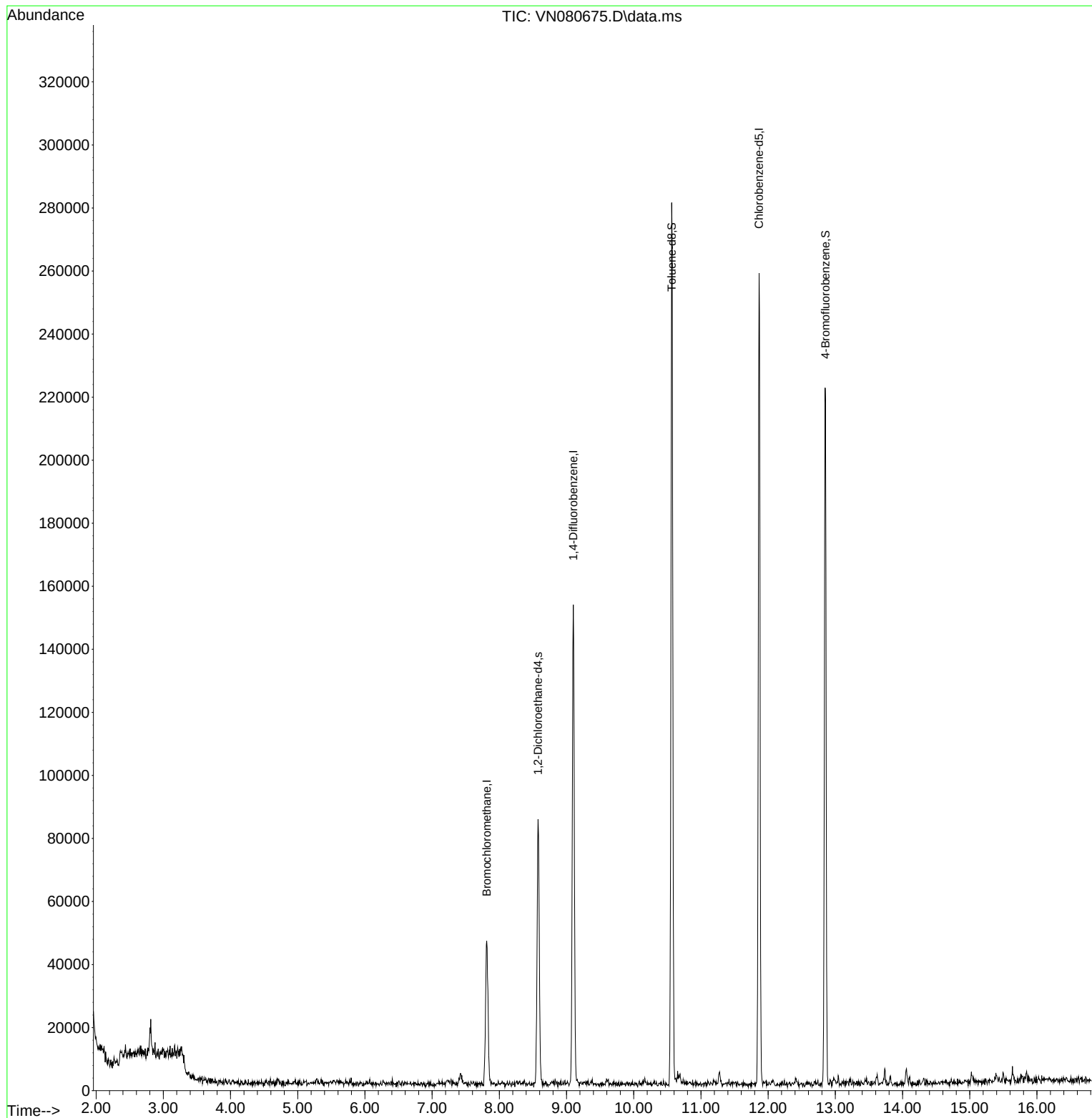
Target Compounds	Qvalue

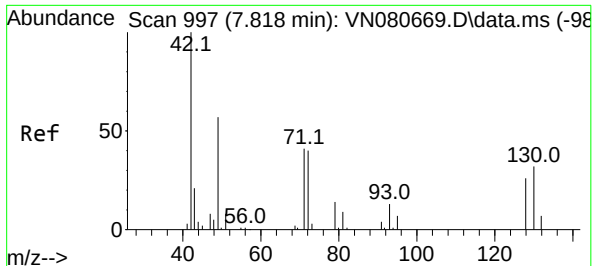
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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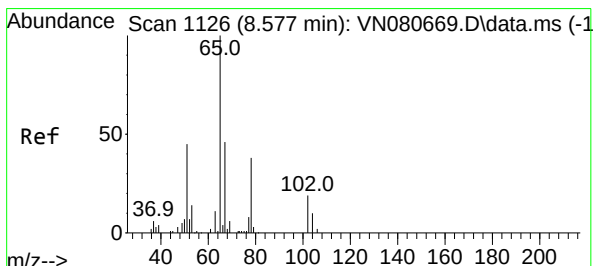
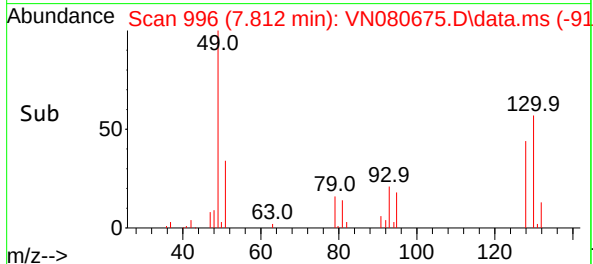
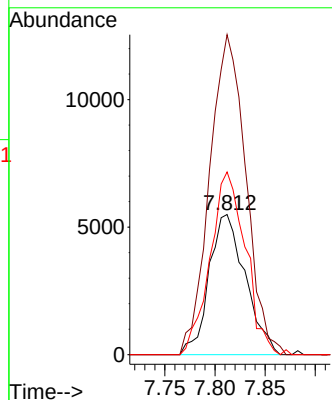
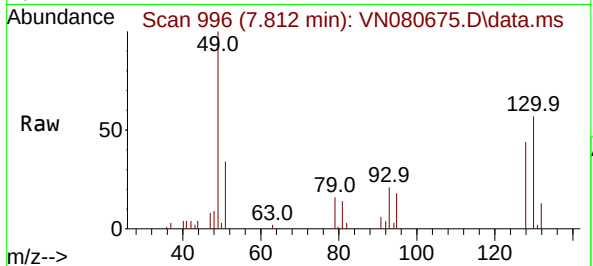




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080675.D
Acq: 11 Jan 2024 14:29

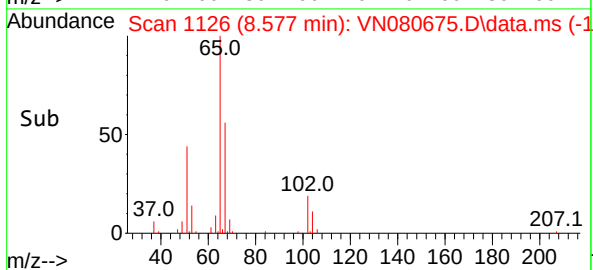
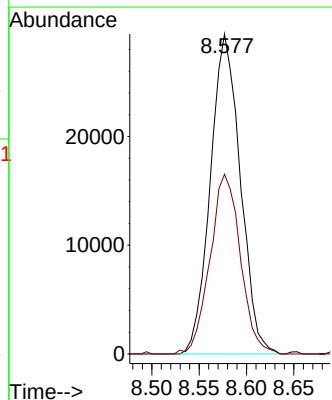
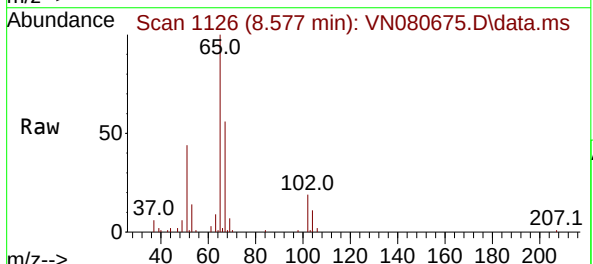
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBL01

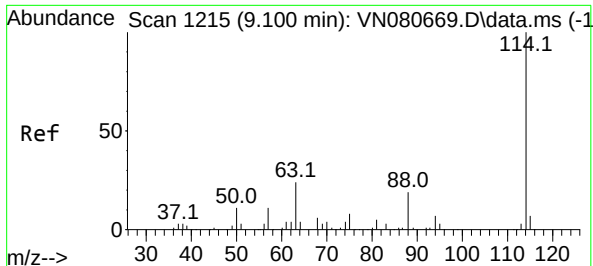
Tgt Ion:128 Resp: 13861
Ion Ratio Lower Upper
128 100
49 227.7 0.0 403.7
130 126.4 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 28.904 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080675.D
Acq: 11 Jan 2024 14:29

Tgt Ion: 65 Resp: 64698
Ion Ratio Lower Upper
65 100
67 56.9 43.2 64.8

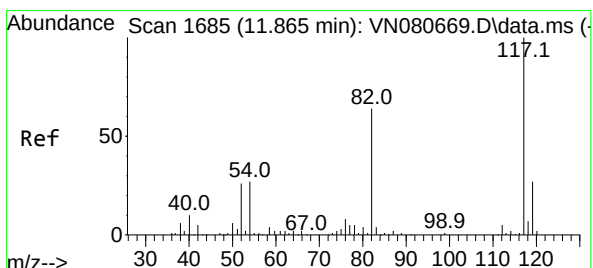
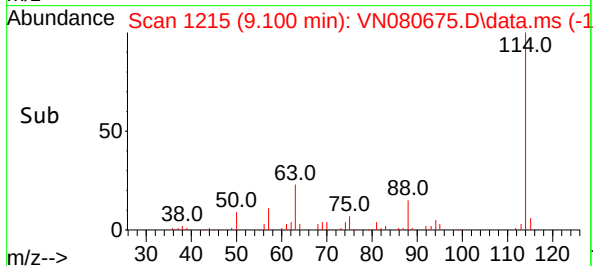
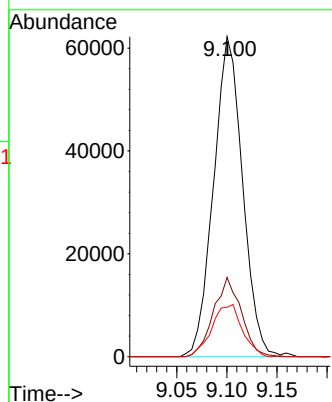
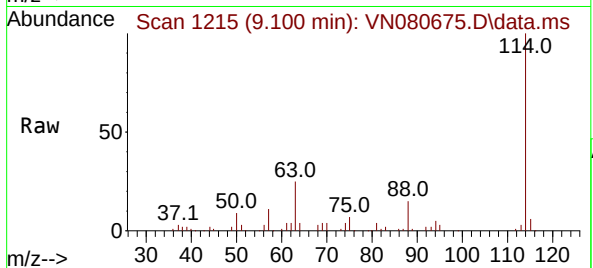




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080675.D
Acq: 11 Jan 2024 14:29

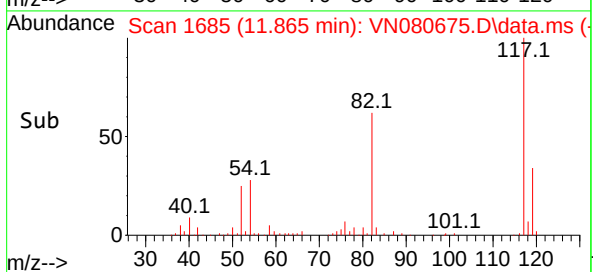
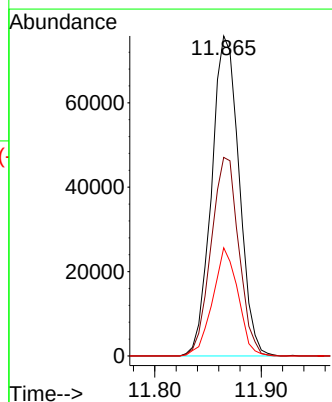
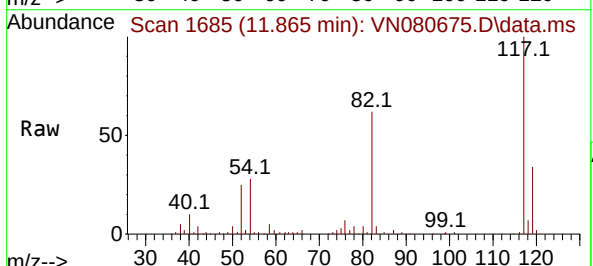
Instrument :
MSVOA_N
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VN0111WBL01

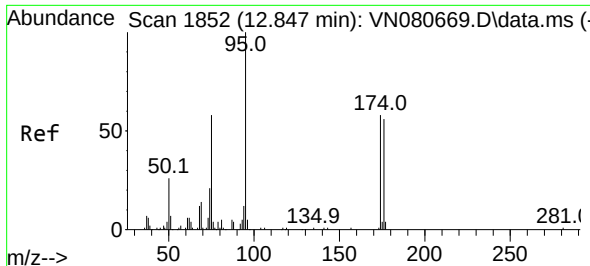
Tgt Ion:114 Resp: 125118
Ion Ratio Lower Upper
114 100
63 23.7 15.9 23.9
88 17.1 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080675.D
Acq: 11 Jan 2024 14:29

Tgt Ion:117 Resp: 136218
Ion Ratio Lower Upper
117 100
82 62.6 46.6 69.8
119 31.2 25.4 38.2

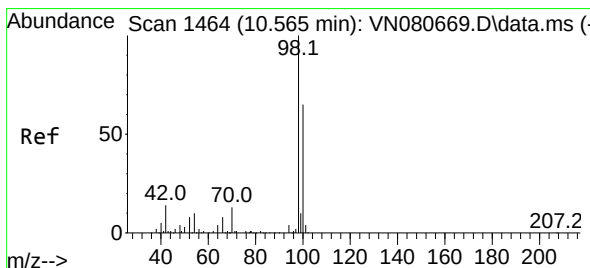
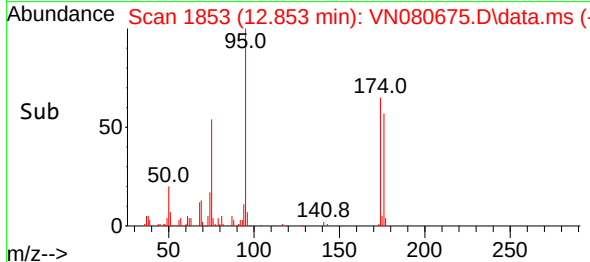
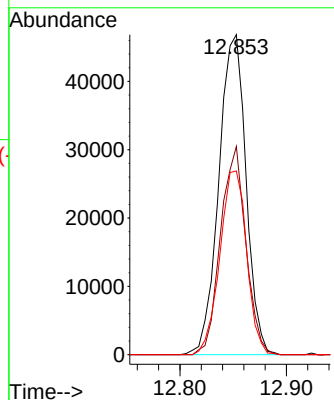
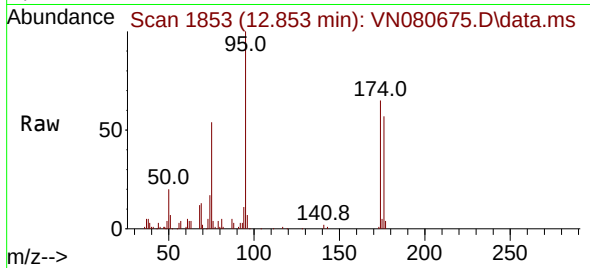




#60
4-Bromofluorobenzene
Concen: 27.599 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080675.D
Acq: 11 Jan 2024 14:29

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBL01

Tgt Ion: 95 Resp: 83164
Ion Ratio Lower Upper
95 100
174 60.4 60.5 90.7#
176 56.6 57.8 86.6#



#63
Toluene-d8
Concen: 30.397 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080675.D
Acq: 11 Jan 2024 14:29

Tgt Ion: 98 Resp: 181719
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

