

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051424\
 Data File : VN082123.D
 Acq On : 14 May 2024 18:27
 Operator : JC\MD
 Sample : P2400-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240410008-02

Quant Time: May 15 02:50:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:29:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	56527	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	296335	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	259789	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	154728	32.693	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.967%
60) 4-Bromofluorobenzene	12.853	95	110410	25.537	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.133%
63) Toluene-d8	10.565	98	376324	30.503	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.667%

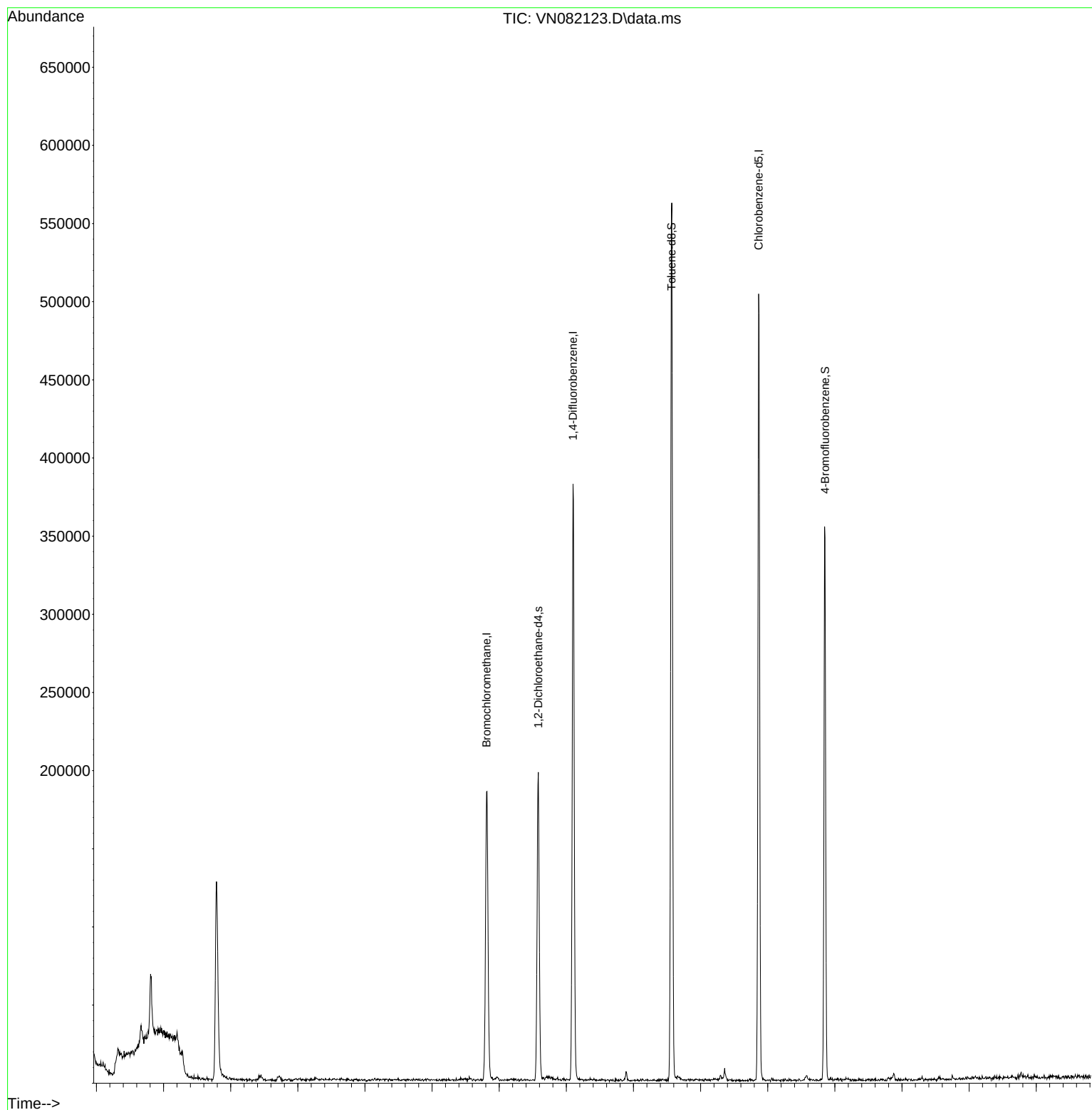
Target Compounds	Qvalue

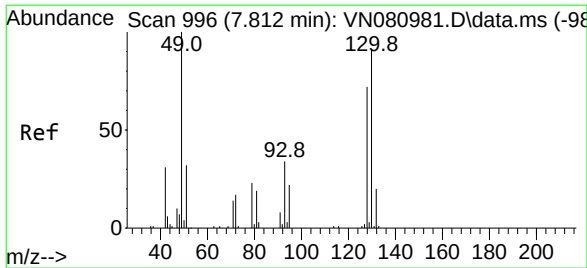
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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240410008-02

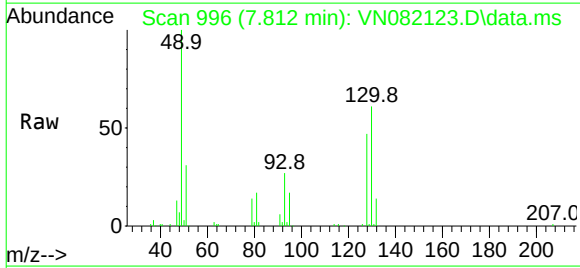
Quant Time: May 15 02:50:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
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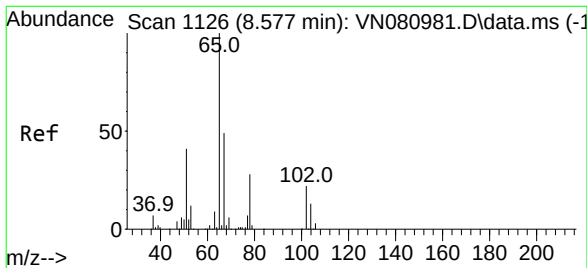
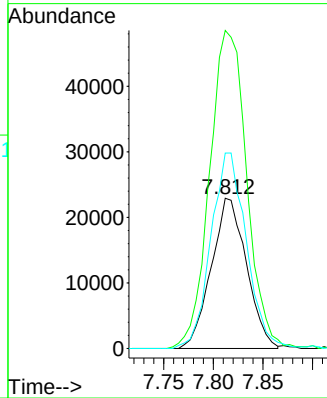
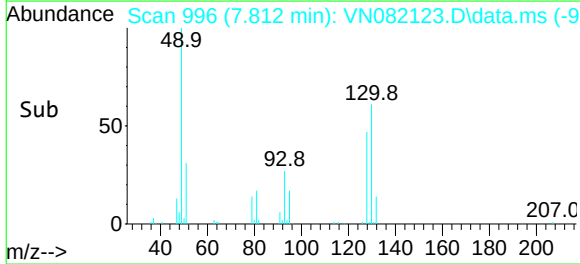


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN082123.D
Acq: 14 May 2024 18:27

Instrument :
MSVOA_N
ClientSampleId :
240410008-02

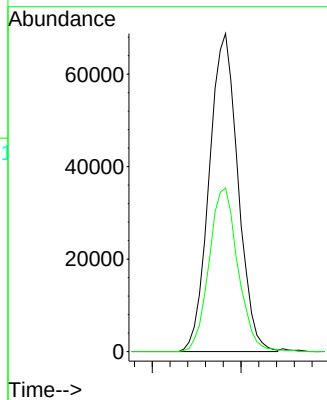
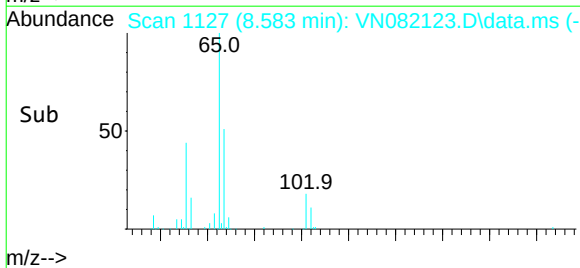
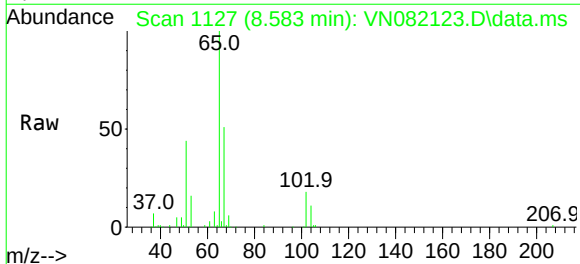


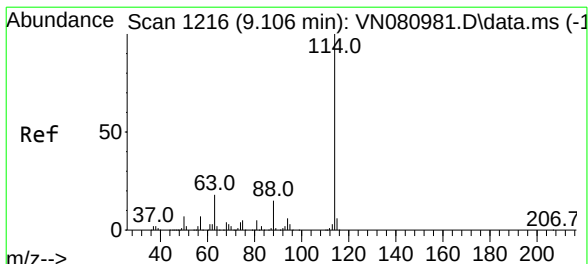
Tgt Ion: 128 Resp: 56527
Ion Ratio Lower Upper
128 100
49 223.3 0.0 403.7
130 131.2 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 32.693 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082123.D
Acq: 14 May 2024 18:27

Tgt Ion: 65 Resp: 154728
Ion Ratio Lower Upper
65 100
67 51.6 43.2 64.8

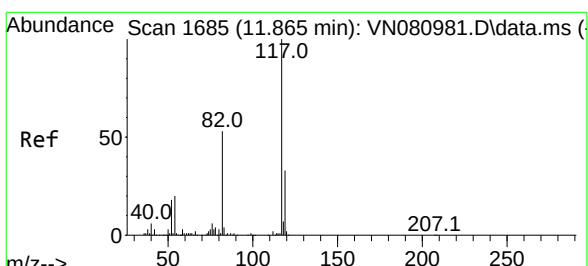
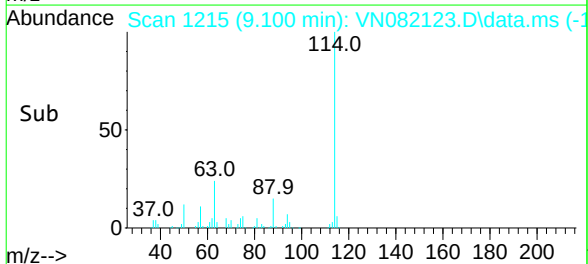
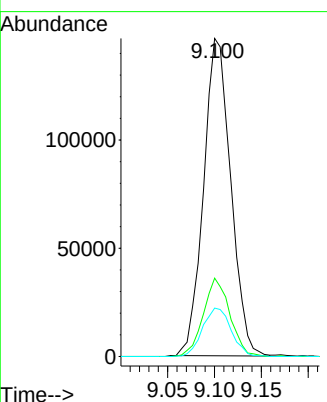
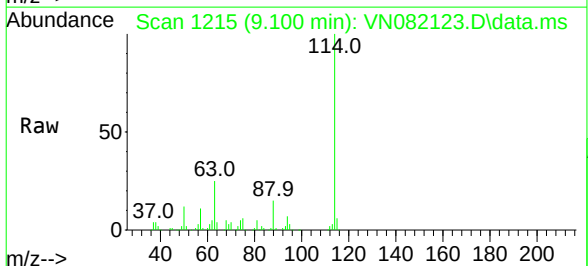




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN082123.D
 Acq: 14 May 2024 18:27

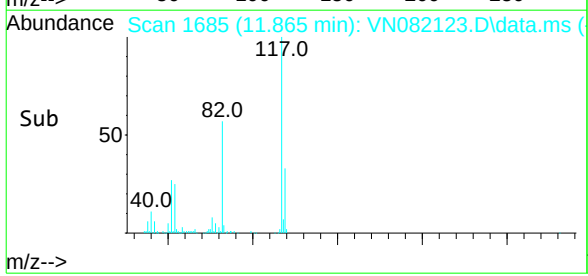
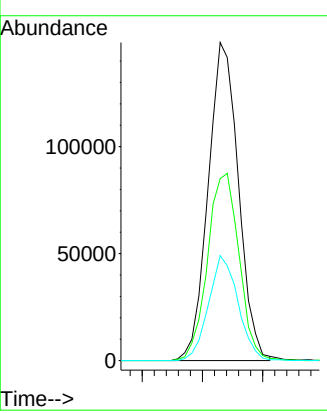
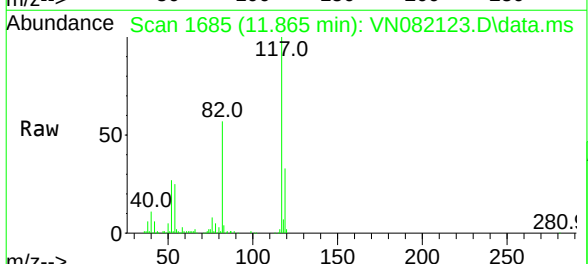
Instrument :
 MSVOA_N
 ClientSampleId :
 240410008-02

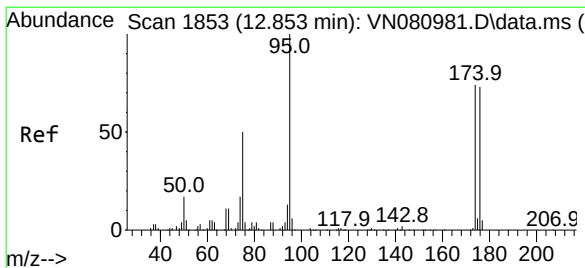
Tgt Ion:	114	Resp:	296335
Ion	Ratio	Lower	Upper
114	100		
63	24.1	15.9	23.9
88	16.0	12.7	19.1



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN082123.D
 Acq: 14 May 2024 18:27

Tgt Ion:	117	Resp:	259789
Ion	Ratio	Lower	Upper
117	100		
82	61.3	46.6	69.8
119	32.1	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 25.537 ug/l

RT: 12.853 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN082123.D

Acq: 14 May 2024 18:27

Instrument :

MSVOA_N

ClientSampleId :

240410008-02

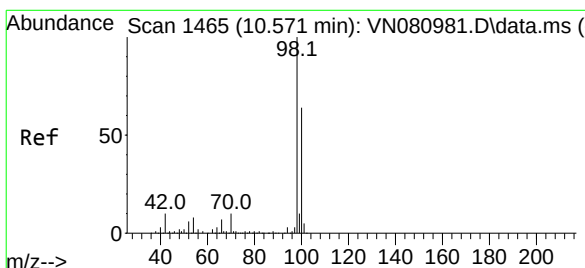
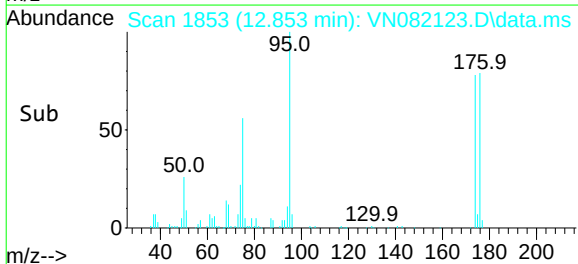
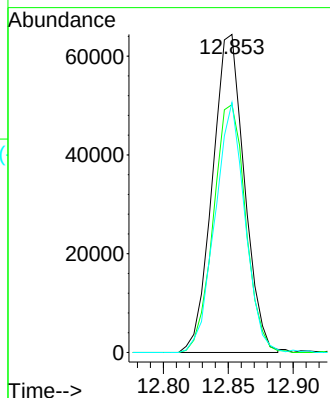
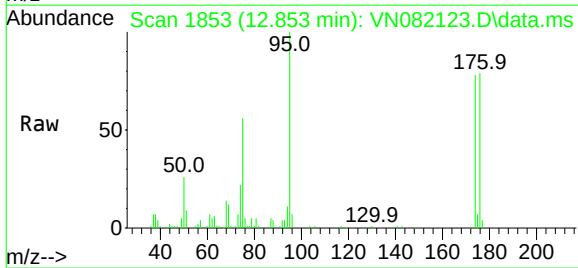
Tgt Ion: 95 Resp: 110410

Ion Ratio Lower Upper

95 100

174 78.5 60.5 90.7

176 73.6 57.8 86.6



#63

Toluene-d8

Concen: 30.503 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082123.D

Acq: 14 May 2024 18:27

Tgt Ion: 98 Resp: 376324

Ion Ratio Lower Upper

98 100

100 62.5 52.7 79.1

