

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082094.D
 Acq On : 13 May 2024 14:22
 Operator : JC\MD
 Sample : P2452-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-061-IDWGW-20240509

Quant Time: May 14 03:32:29 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	22035	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	138168	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	117652	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	65743	35.635	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	118.800%#
60) 4-Bromofluorobenzene	12.853	95	52839	26.986	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.967%
63) Toluene-d8	10.571	98	173163	30.992	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.300%

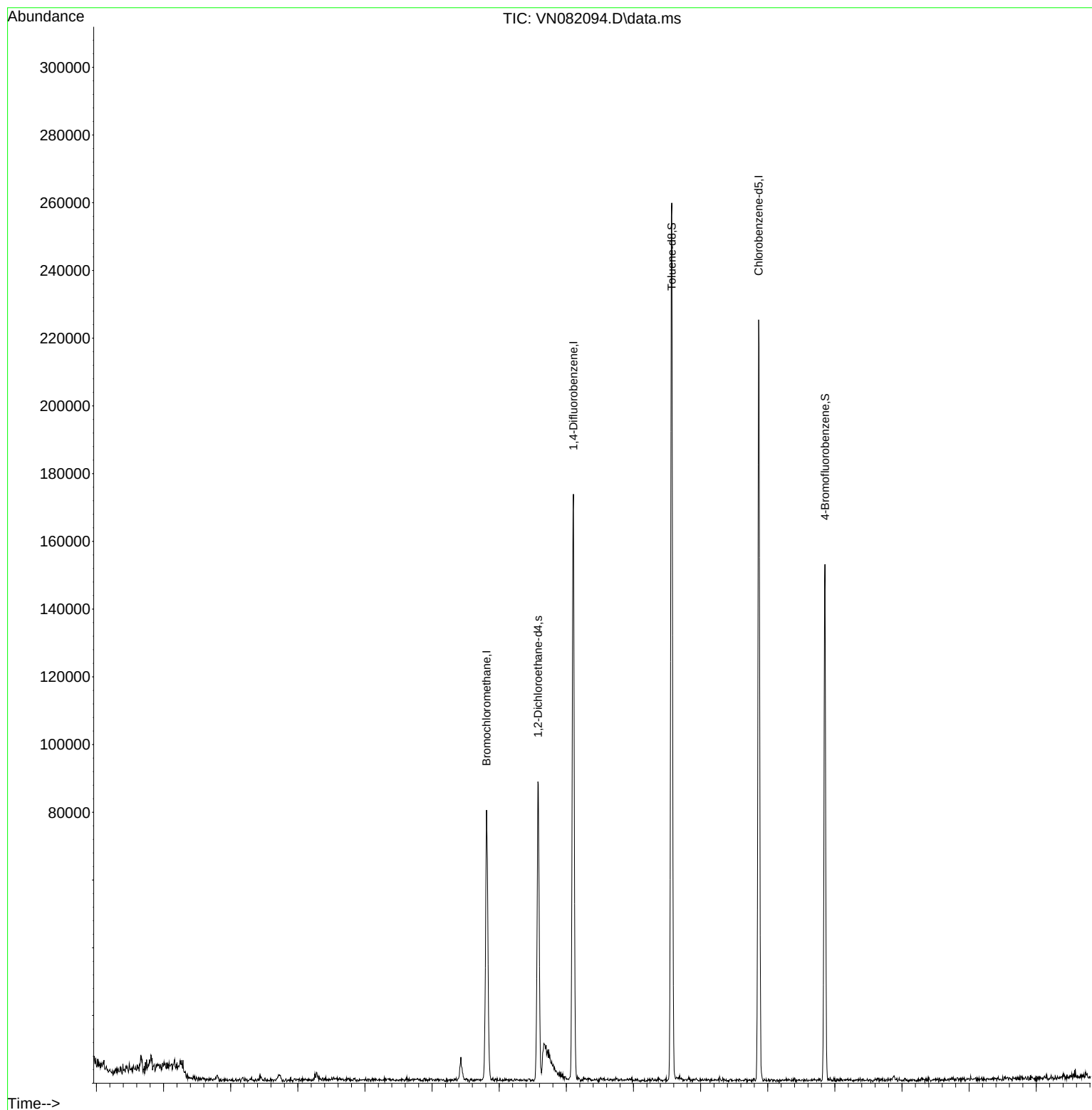
Target Compounds	Qvalue

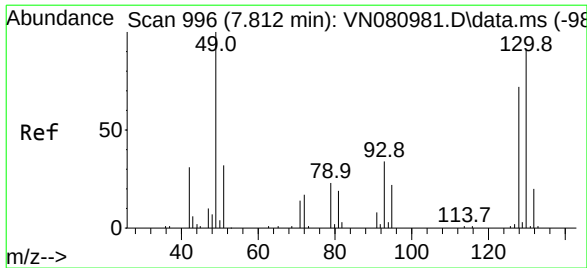
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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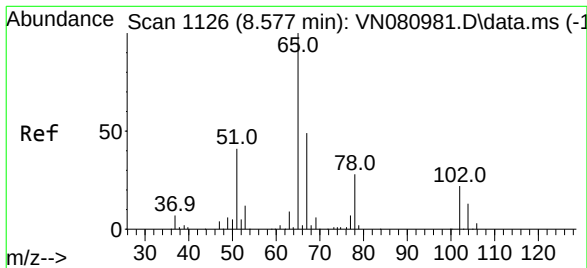
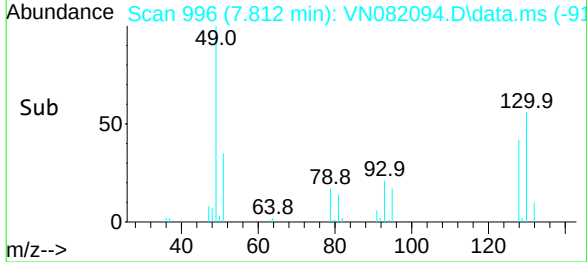
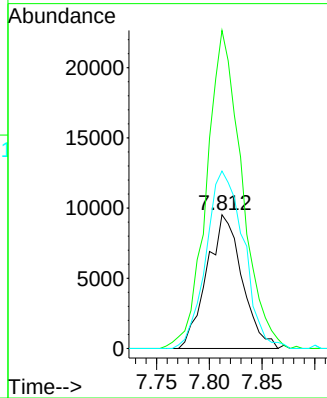
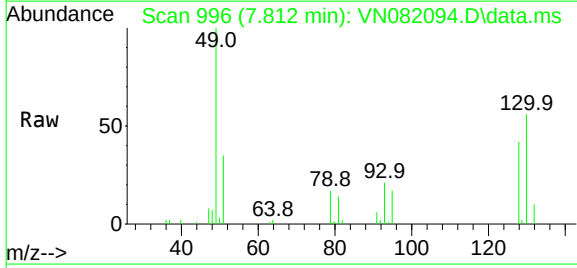




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082094.D
Acq: 13 May 2024 14:22

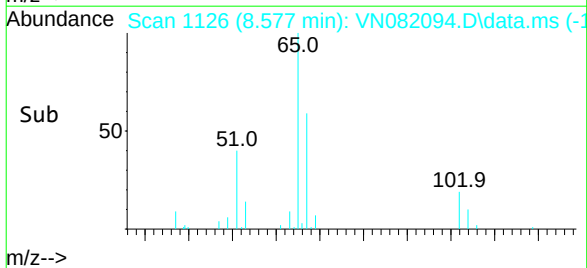
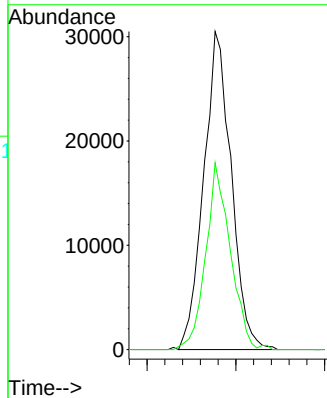
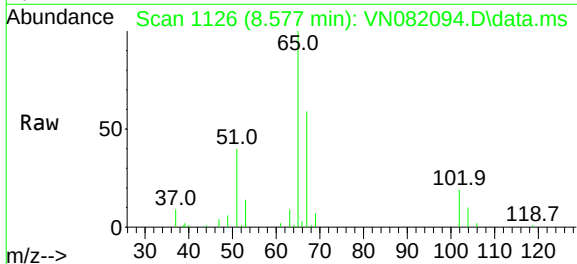
Instrument :
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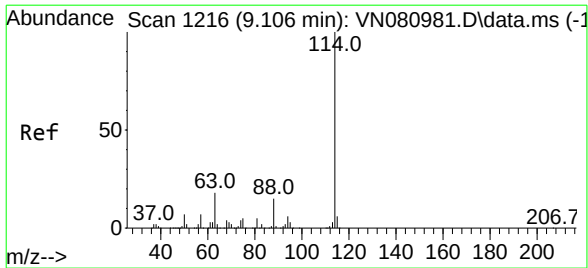
Tgt Ion:128 Resp: 22035
Ion Ratio Lower Upper
128 100
49 239.0 0.0 403.7
130 142.2 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 35.635 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082094.D
Acq: 13 May 2024 14:22

Tgt Ion: 65 Resp: 65743
Ion Ratio Lower Upper
65 100
67 52.1 43.2 64.8

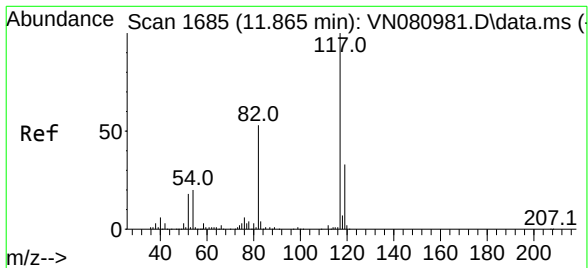
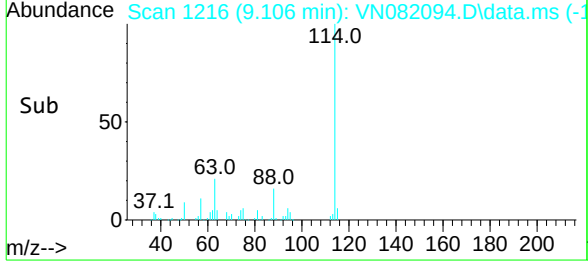
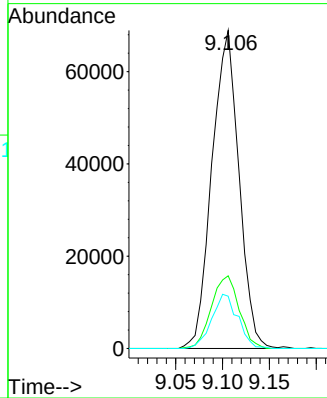
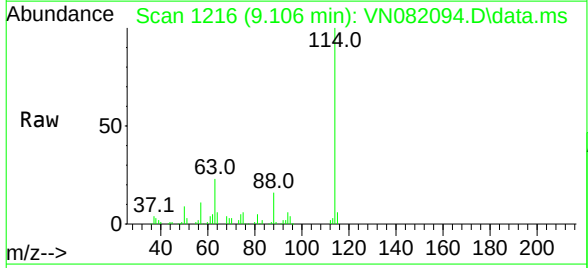




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082094.D
Acq: 13 May 2024 14:22

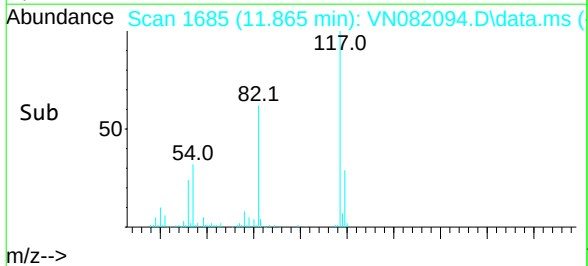
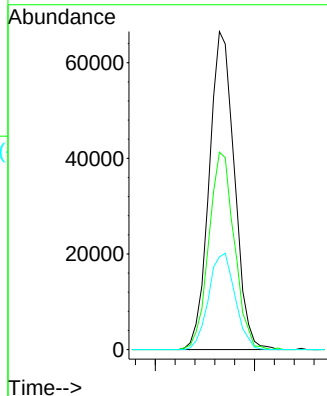
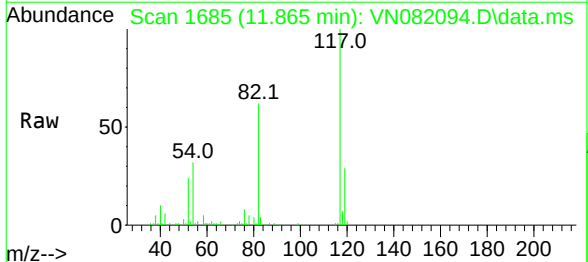
Instrument :
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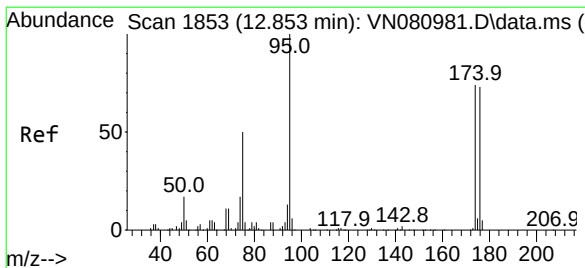
Tgt Ion:	114	Resp:	138168
Ion Ratio	Lower	Upper	
114	100		
63	23.5	15.9	23.9
88	16.4	12.7	19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082094.D
Acq: 13 May 2024 14:22

Tgt Ion:	117	Resp:	117652
Ion Ratio	Lower	Upper	
117	100		
82	62.5	46.6	69.8
119	31.7	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 26.986 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082094.D

Acq: 13 May 2024 14:22

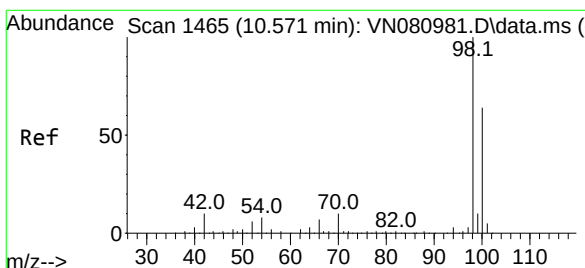
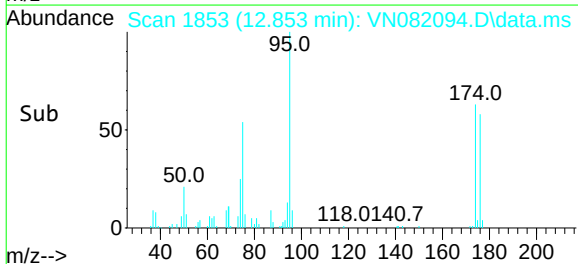
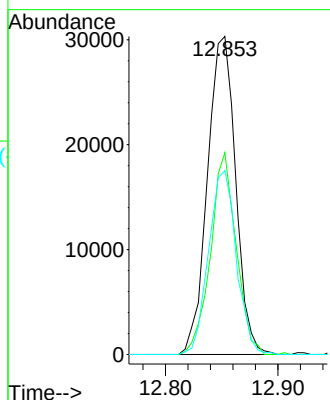
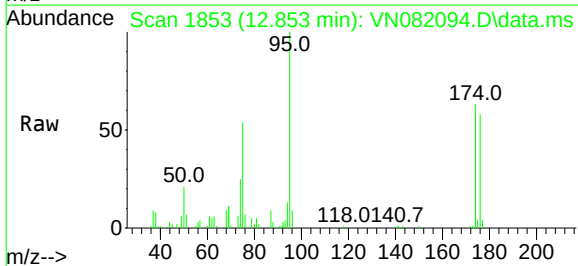
Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:	95	Resp:	52839
Ion Ratio	Lower	Upper	
95	100		
174	57.6	60.5	90.7#
176	57.0	57.8	86.6#



#63

Toluene-d8

Concen: 30.992 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082094.D

Acq: 13 May 2024 14:22

Tgt Ion:	98	Resp:	173163
Ion Ratio	Lower	Upper	
98	100		
100	64.6	52.7	79.1

