

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082093.D
 Acq On : 13 May 2024 13:58
 Operator : JC\MD
 Sample : P2452-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-060-IDWGW-20240509

Quant Time: May 14 03:32:13 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	21412	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	132056	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	112051	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	60058	33.501	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.667%#
60) 4-Bromofluorobenzene	12.853	95	48545	26.033	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.767%
63) Toluene-d8	10.571	98	167069	31.396	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.667%

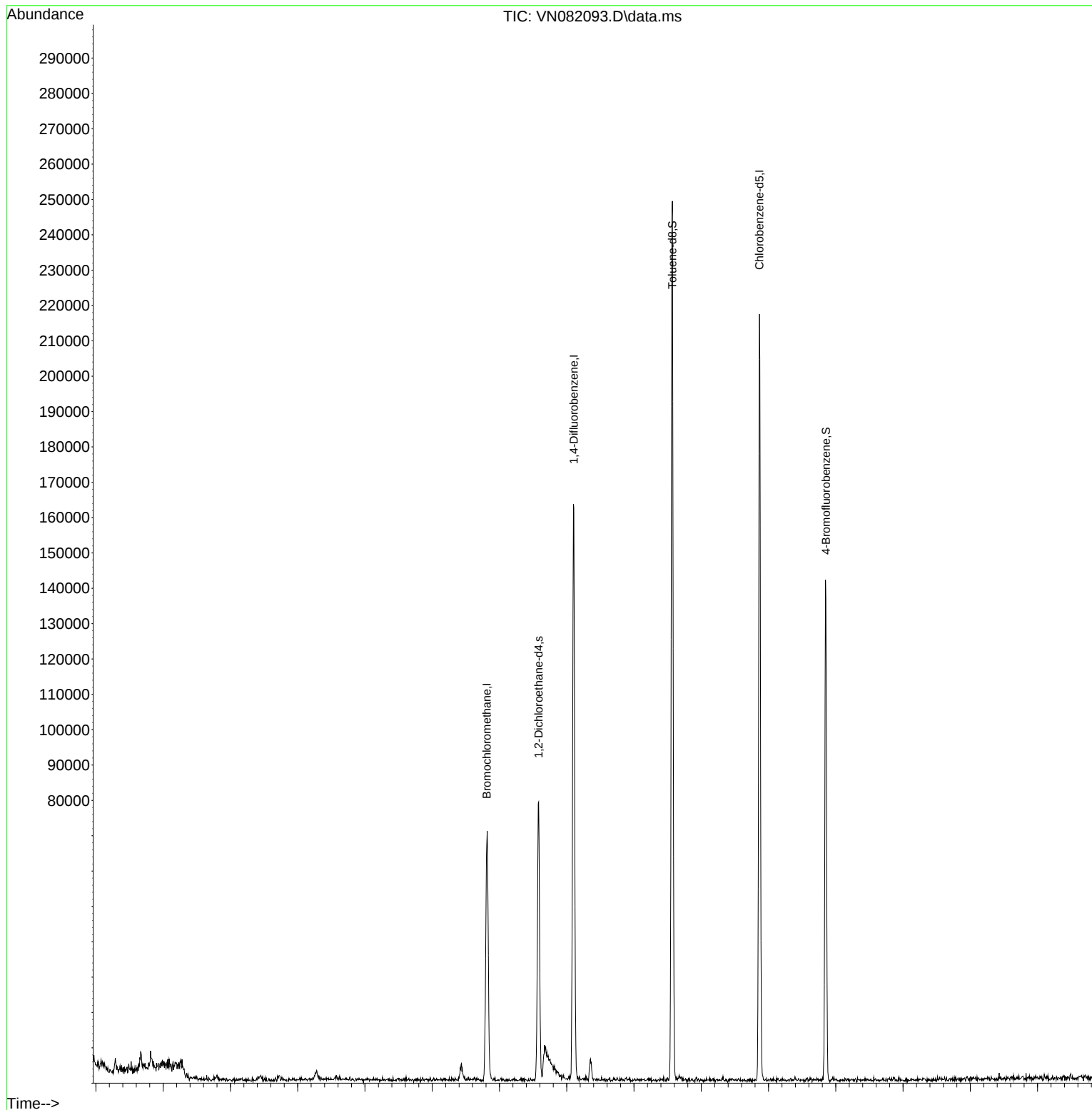
Target Compounds	Qvalue

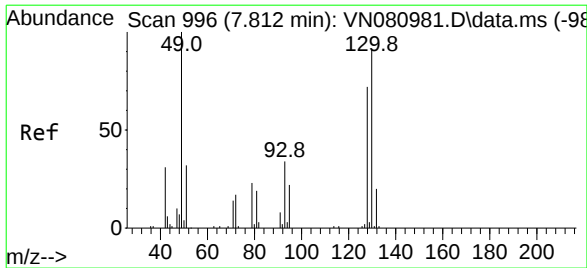
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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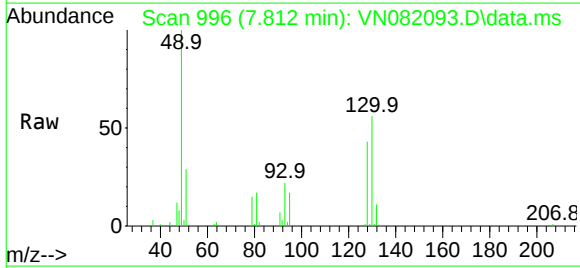
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
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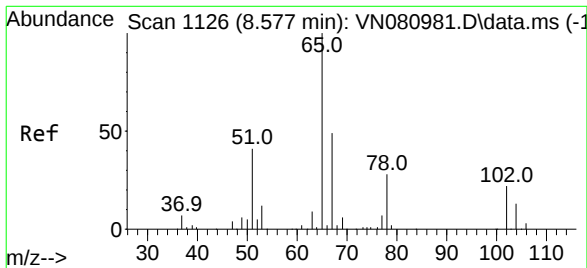
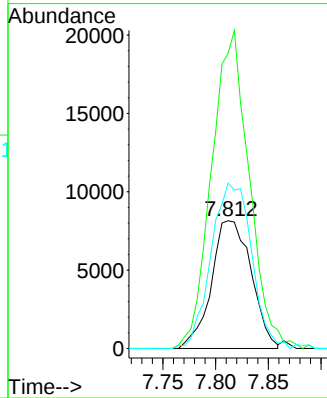
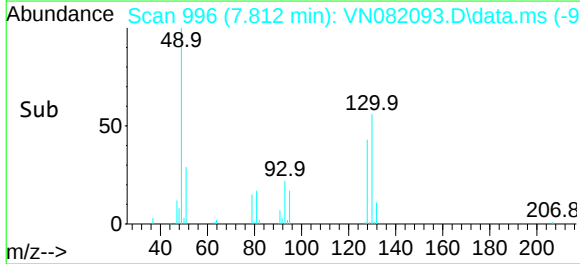


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082093.D
Acq: 13 May 2024 13:58

Instrument :
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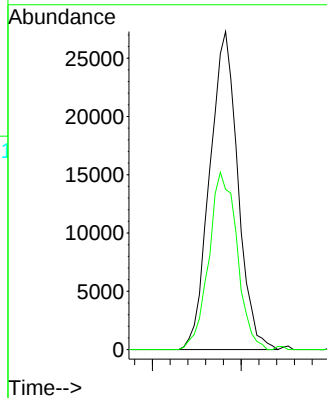
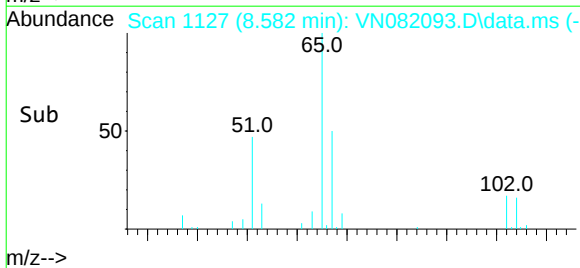
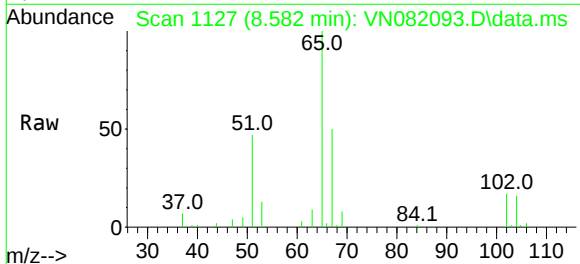


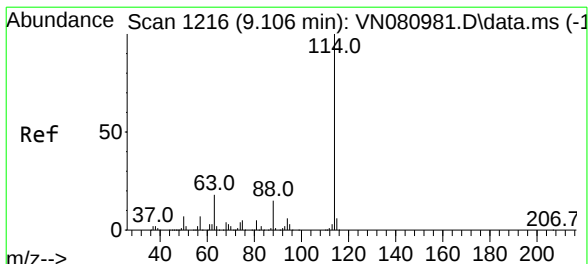
Tgt Ion:128 Resp: 21412
Ion Ratio Lower Upper
128 100
49 233.3 0.0 403.7
130 131.2 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 33.501 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082093.D
Acq: 13 May 2024 13:58

Tgt Ion: 65 Resp: 60058
Ion Ratio Lower Upper
65 100
67 55.9 43.2 64.8

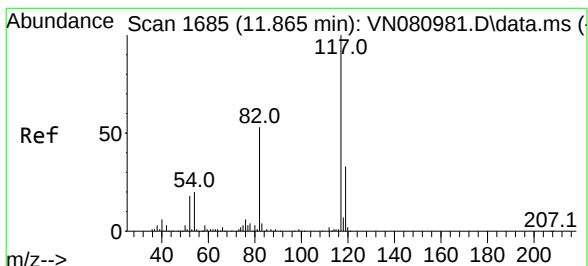
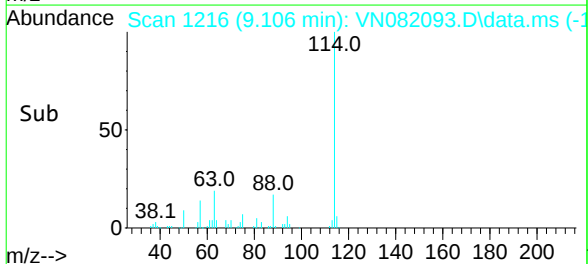
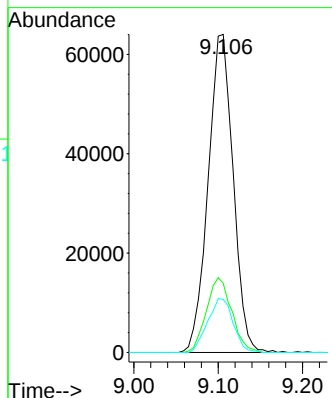
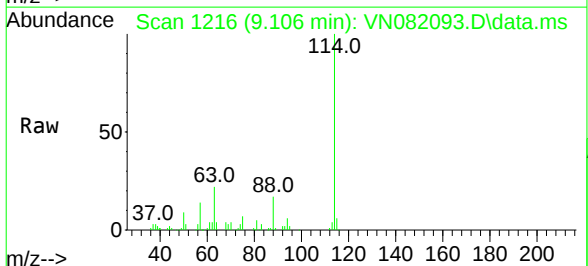




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN082093.D
 Acq: 13 May 2024 13:58

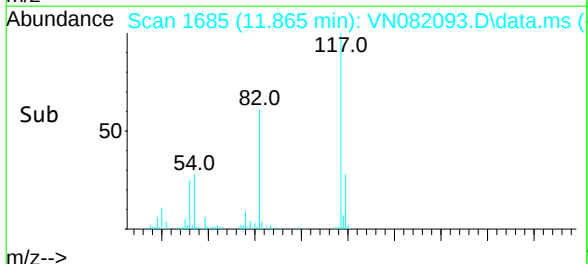
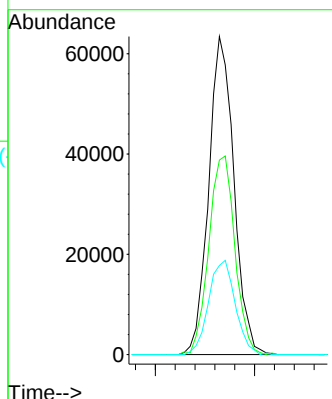
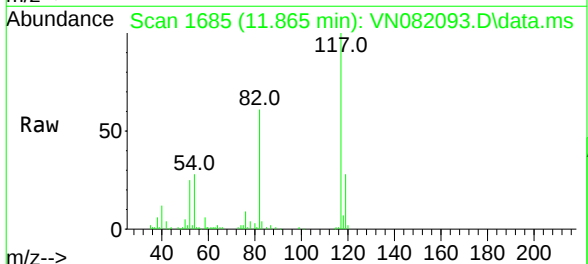
Instrument : MSVOA_N
 ClientSampleId : TT-060-IDWGW-20240509

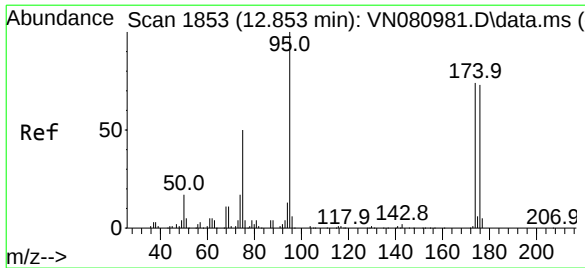
Tgt Ion:	114	Resp:	132056
Ion	Ratio	Lower	Upper
114	100		
63	23.8	15.9	23.9
88	17.3	12.7	19.1



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN082093.D
 Acq: 13 May 2024 13:58

Tgt Ion:	117	Resp:	112051
Ion	Ratio	Lower	Upper
117	100		
82	64.2	46.6	69.8
119	31.2	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 26.033 ug/l

RT: 12.853 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN082093.D

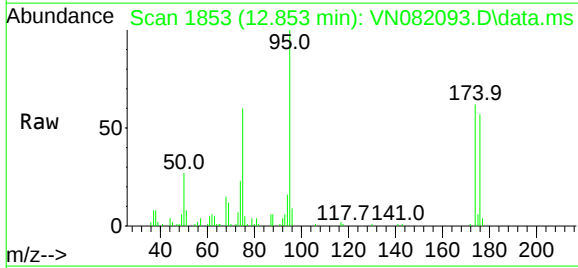
Acq: 13 May 2024 13:58

Instrument :

MSVOA_N

ClientSampleId :

TT-060-IDWGW-20240509



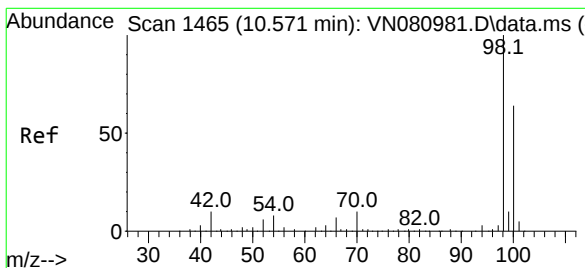
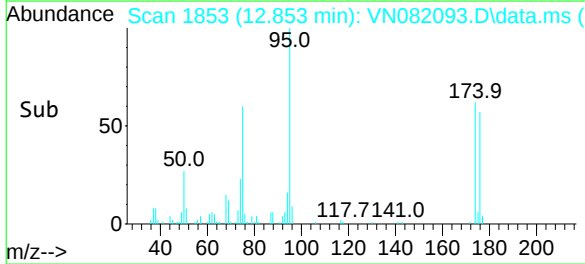
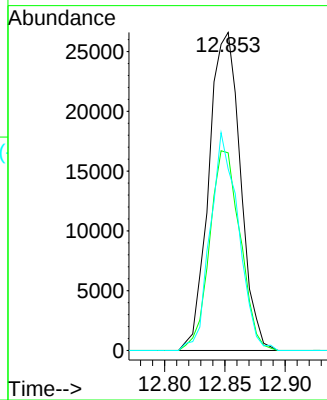
Tgt Ion: 95 Resp: 48545

Ion Ratio Lower Upper

95 100

174 61.0 60.5 90.7

176 61.1 57.8 86.6



#63

Toluene-d8

Concen: 31.396 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082093.D

Acq: 13 May 2024 13:58

Tgt Ion: 98 Resp: 167069

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1

