

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082090.D
 Acq On : 13 May 2024 12:37
 Operator : JC\MD
 Sample : VN0513WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBL01

Quant Time: May 14 03:31:20 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	26386	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	161105	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	131755	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	72573	32.851	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.500%
60) 4-Bromofluorobenzene	12.853	95	56958	25.976	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.600%
63) Toluene-d8	10.571	98	197385	31.546	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.167%

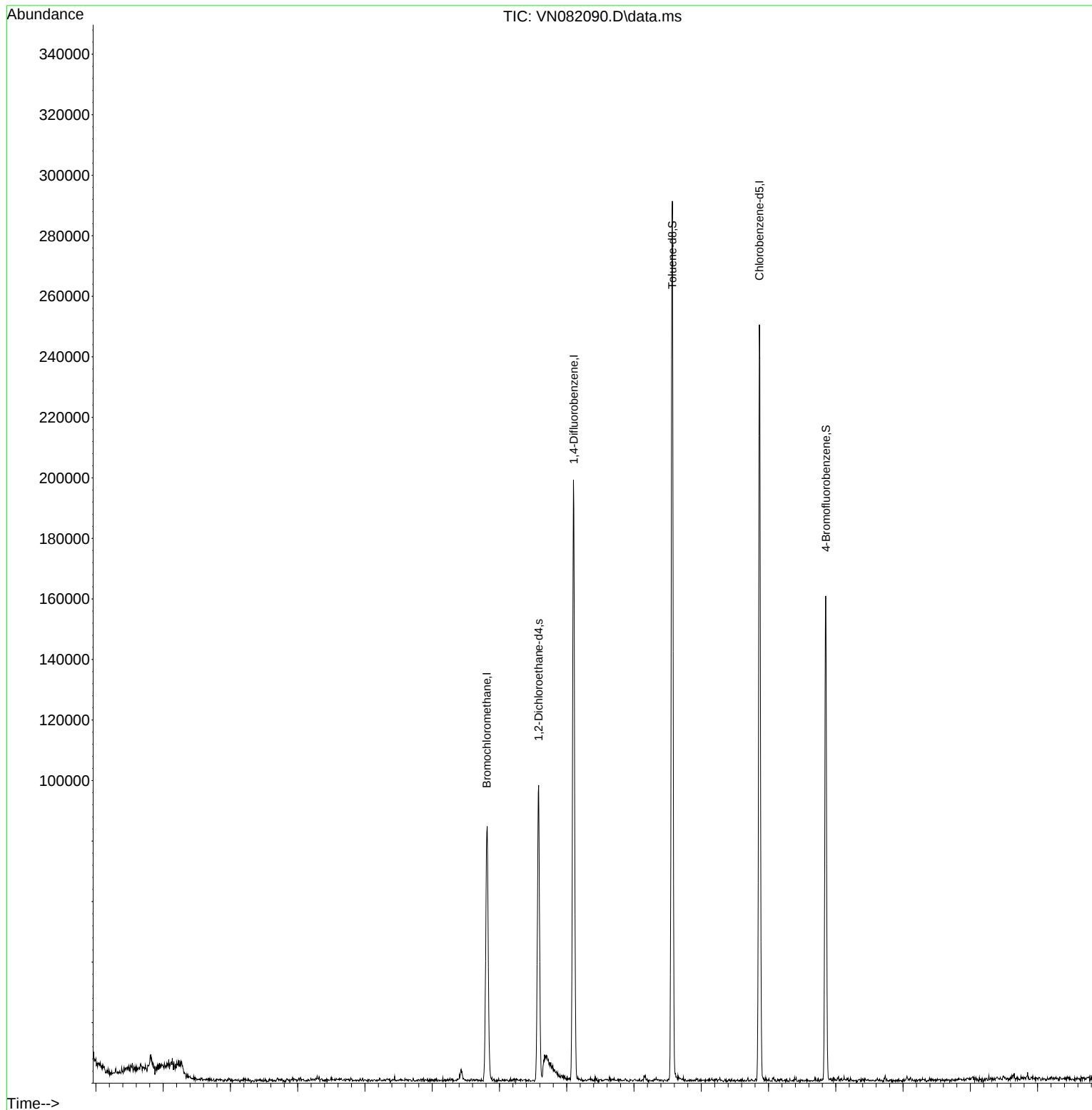
Target Compounds	Qvalue

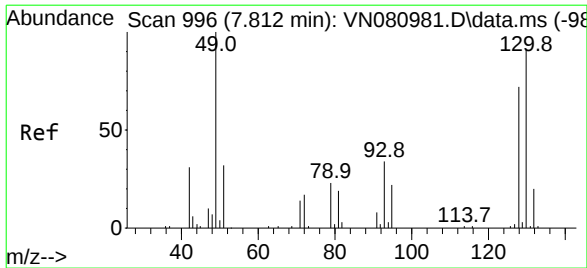
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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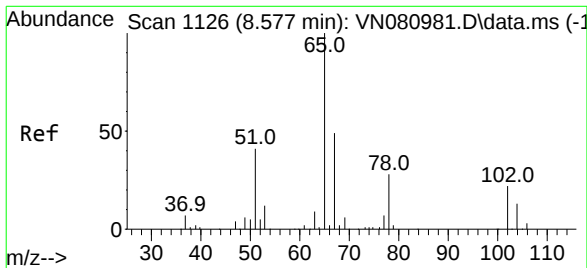
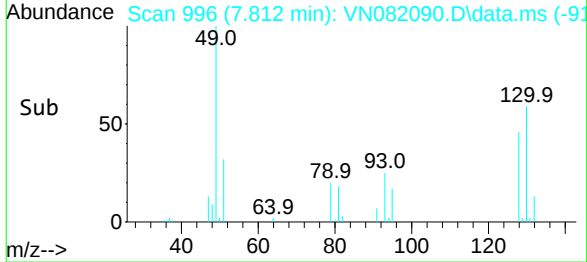
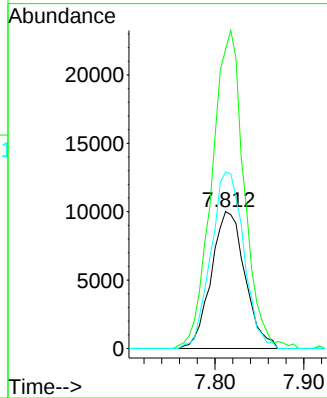
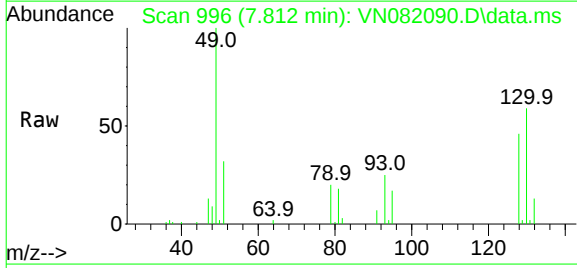




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082090.D
Acq: 13 May 2024 12:37

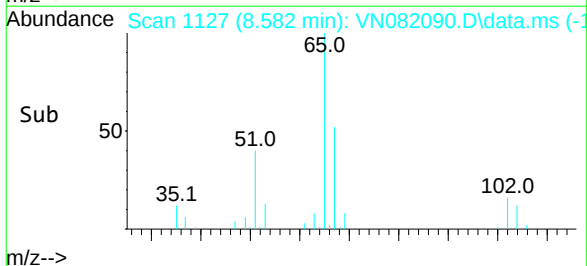
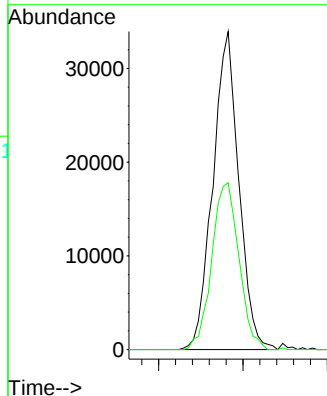
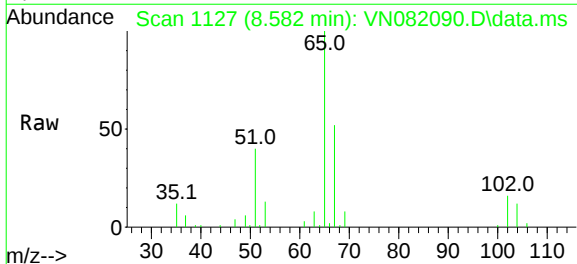
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBL01

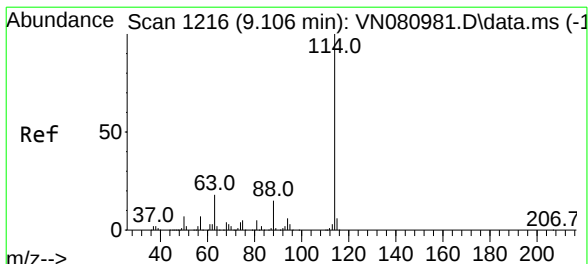
Tgt Ion	Ratio	Lower	Upper
128	100		
49	220.8	0.0	403.7
130	125.4	0.0	323.3



#27
1,2-Dichloroethane-d4
Concen: 32.851 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082090.D
Acq: 13 May 2024 12:37

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.8	43.2	64.8

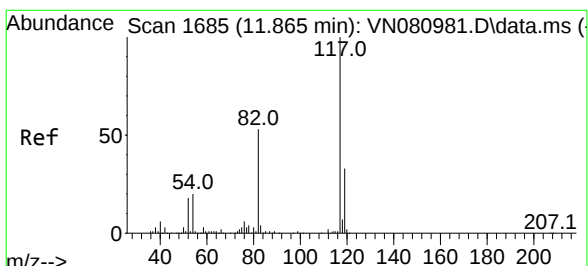
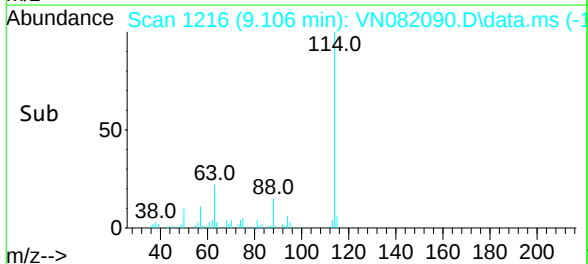
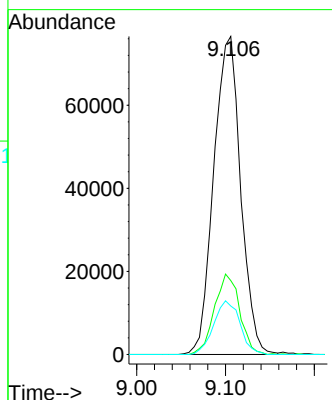
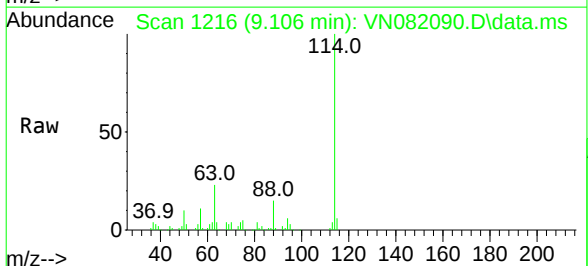




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082090.D
Acq: 13 May 2024 12:37

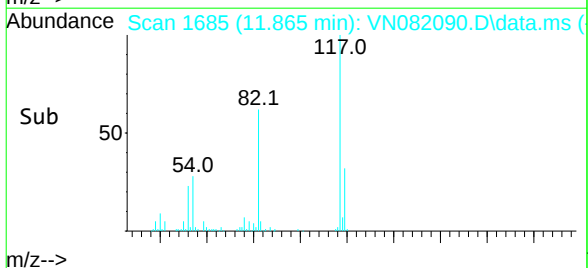
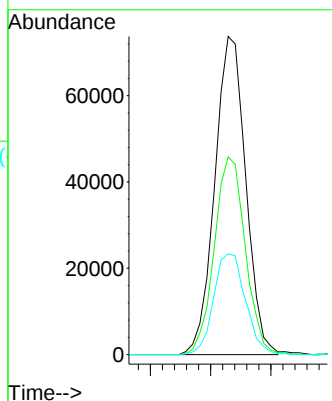
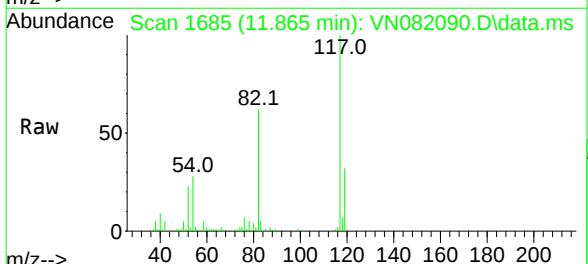
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBL01

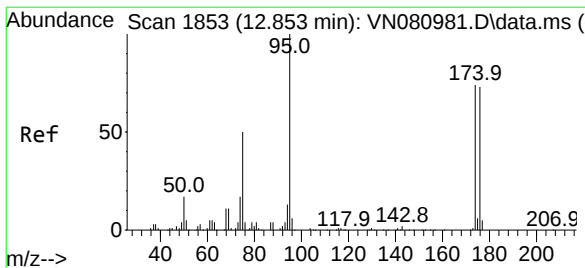
Tgt Ion:	114	Resp:	161105
Ion	Ratio	Lower	Upper
114	100		
63	23.7	15.9	23.9
88	16.5	12.7	19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082090.D
Acq: 13 May 2024 12:37

Tgt Ion:	117	Resp:	131755
Ion	Ratio	Lower	Upper
117	100		
82	62.1	46.6	69.8
119	32.5	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 25.976 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082090.D

Acq: 13 May 2024 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBL01

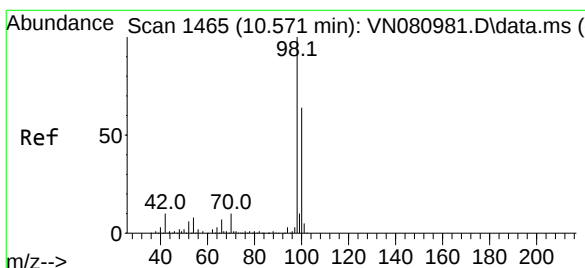
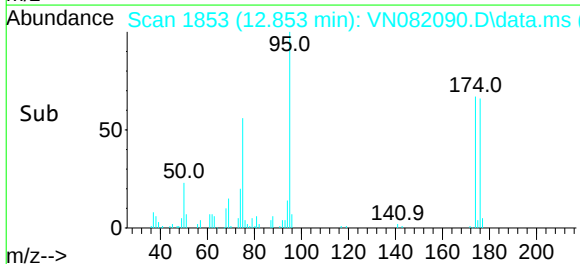
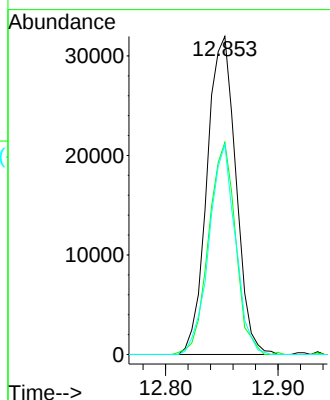
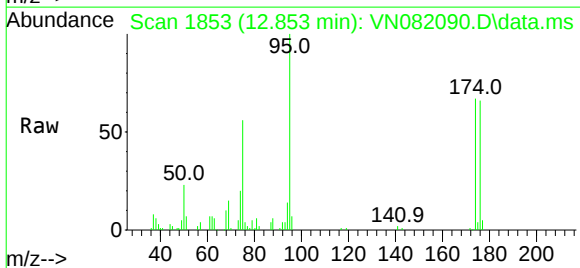
Tgt Ion: 95 Resp: 56958

Ion Ratio Lower Upper

95 100

174 61.9 60.5 90.7

176 60.4 57.8 86.6



#63

Toluene-d8

Concen: 31.546 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082090.D

Acq: 13 May 2024 12:37

Tgt Ion: 98 Resp: 197385

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1

