

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082106.D
 Acq On : 13 May 2024 19:09
 Operator : JC\MD
 Sample : P2400-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240410008-02

Quant Time: May 14 03:36:07 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	7.818	128	22547	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	129048	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.871	117	114884	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	63775	33.784	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.600%#
60) 4-Bromofluorobenzene	12.853	95	48469	25.351	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.500%
63) Toluene-d8	10.565	98	166812	30.575	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.900%

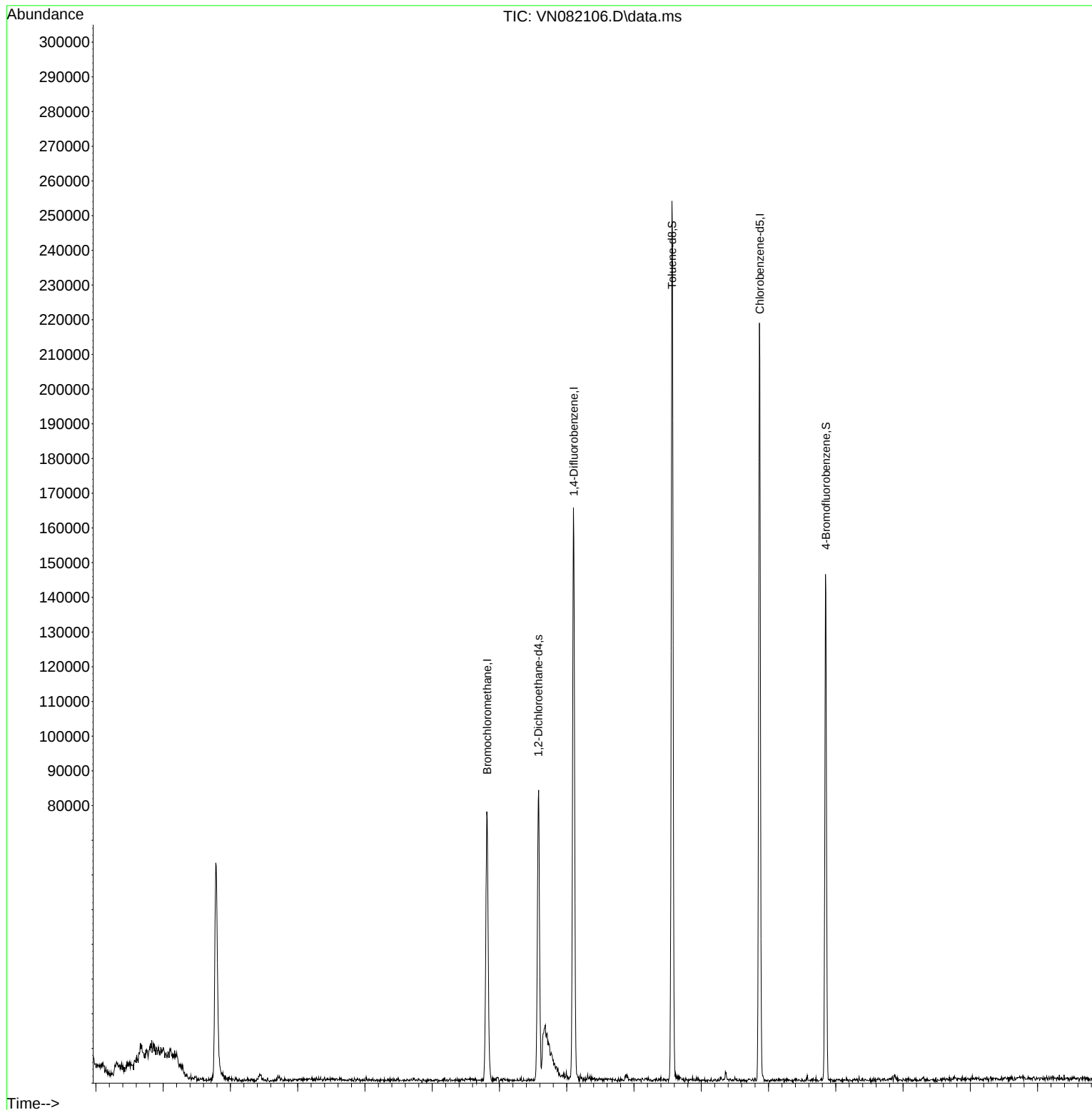
Target Compounds	Qvalue

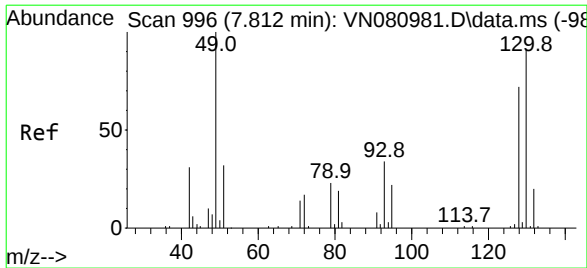
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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240410008-02

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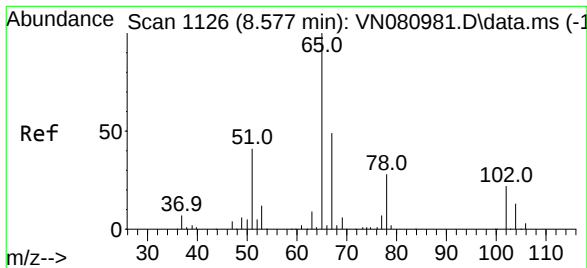
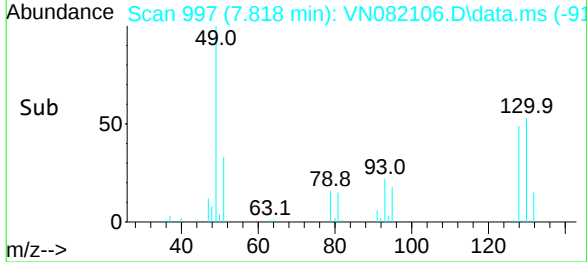
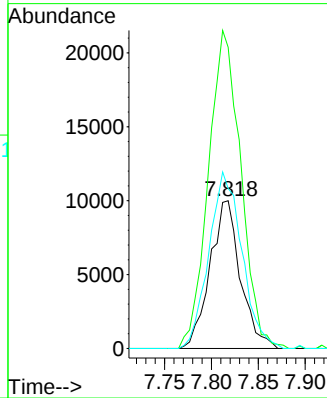
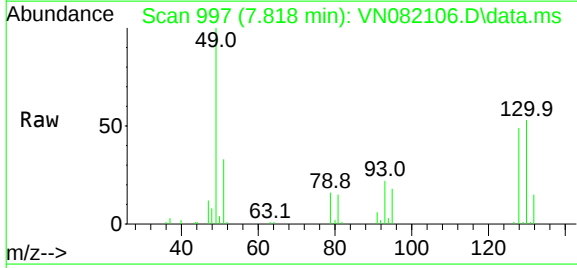




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082106.D
Acq: 13 May 2024 19:09

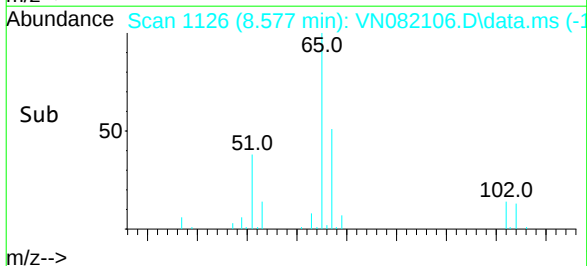
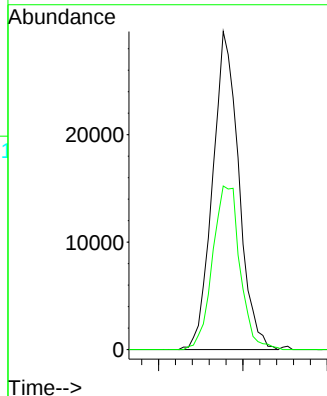
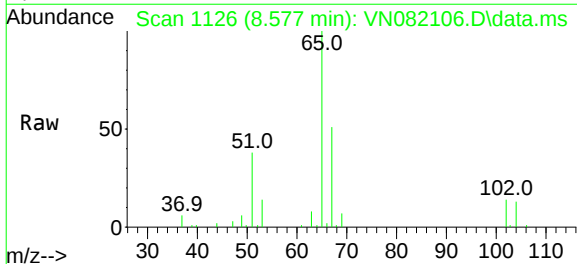
Instrument :
MSVOA_N
ClientSampleId :
240410008-02

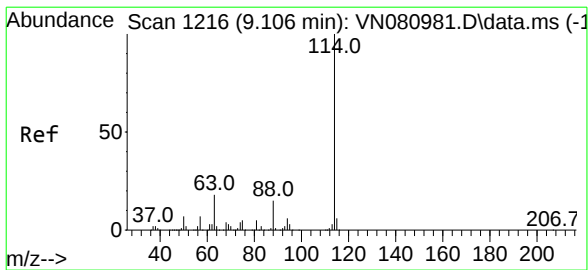
Tgt Ion:128 Resp: 22547
Ion Ratio Lower Upper
128 100
49 229.6 0.0 403.7
130 129.9 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 33.784 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082106.D
Acq: 13 May 2024 19:09

Tgt Ion: 65 Resp: 63775
Ion Ratio Lower Upper
65 100
67 54.1 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: VN082106.D

Acq: 13 May 2024 19:09

Instrument :

MSVOA_N

ClientSampleId :

240410008-02

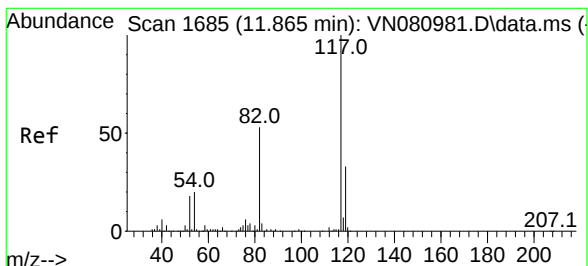
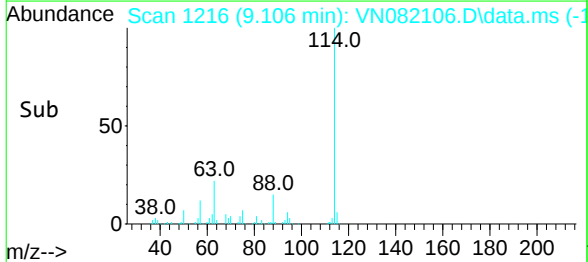
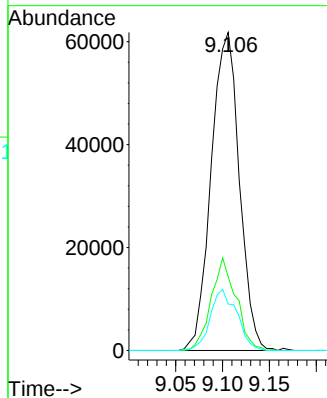
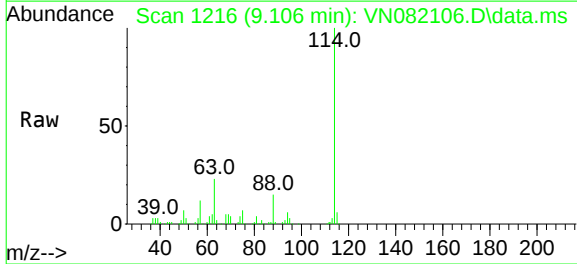
Tgt Ion:114 Resp: 129048

Ion Ratio Lower Upper

114 100

63 25.8 15.9 23.9#

88 18.2 12.7 19.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VN082106.D

Acq: 13 May 2024 19:09

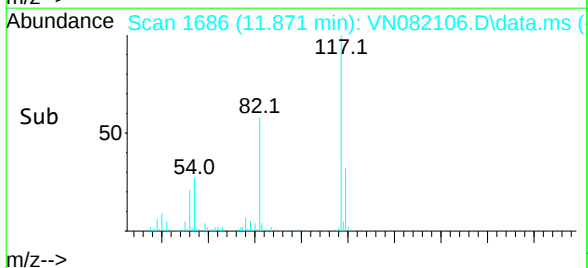
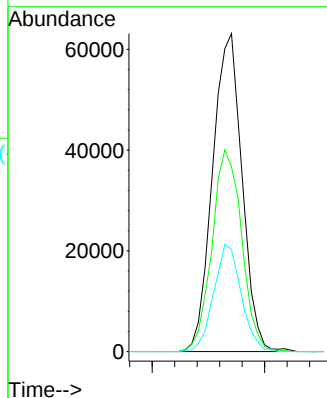
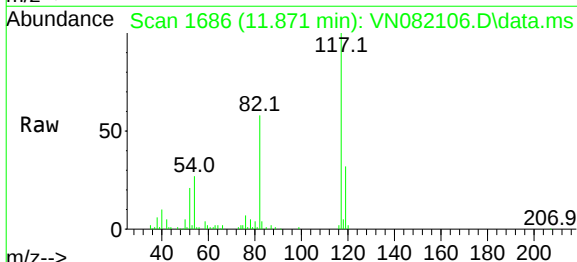
Tgt Ion:117 Resp: 114884

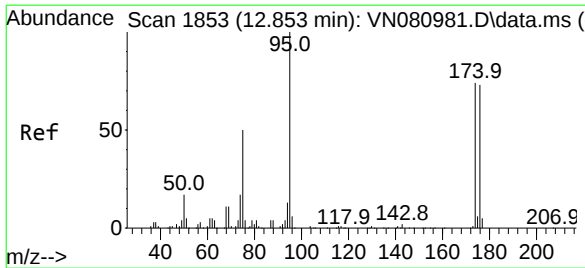
Ion Ratio Lower Upper

117 100

82 63.8 46.6 69.8

119 31.6 25.4 38.2





#60

4-Bromofluorobenzene

Concen: 25.351 ug/l

RT: 12.853 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN082106.D

Acq: 13 May 2024 19:09

Instrument :

MSVOA_N

ClientSampleId :

240410008-02

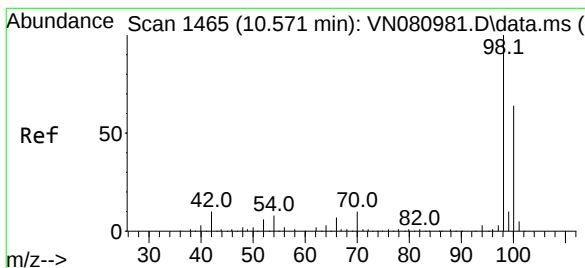
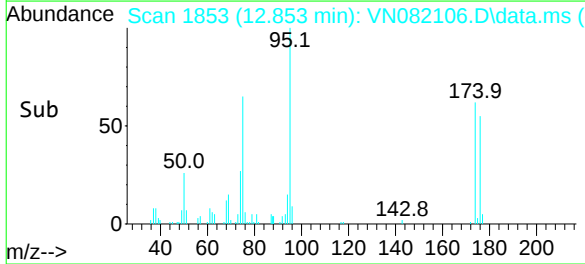
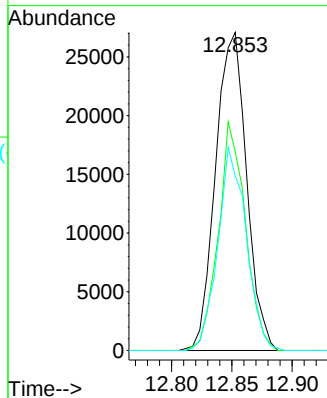
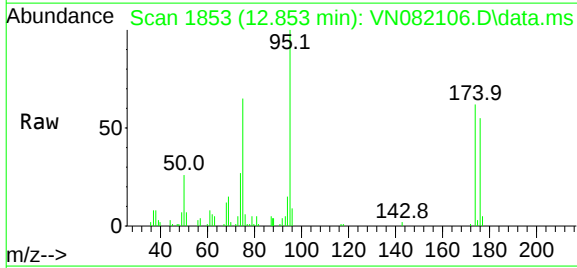
Tgt Ion: 95 Resp: 48469

Ion Ratio Lower Upper

95 100

174 62.9 60.5 90.7

176 58.6 57.8 86.6



#63

Toluene-d8

Concen: 30.575 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082106.D

Acq: 13 May 2024 19:09

Tgt Ion: 98 Resp: 166812

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1

