

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
 Data File : VN081977.D
 Acq On : 02 May 2024 15:18
 Operator : JC\MD
 Sample : P2358-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240410008-02

Quant Time: May 03 00:11:31 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	28338	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	175483	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	150836	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	73347	30.914	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.033%
60) 4-Bromofluorobenzene	12.853	95	68132	27.142	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.467%
63) Toluene-d8	10.565	98	220557	30.790	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.633%

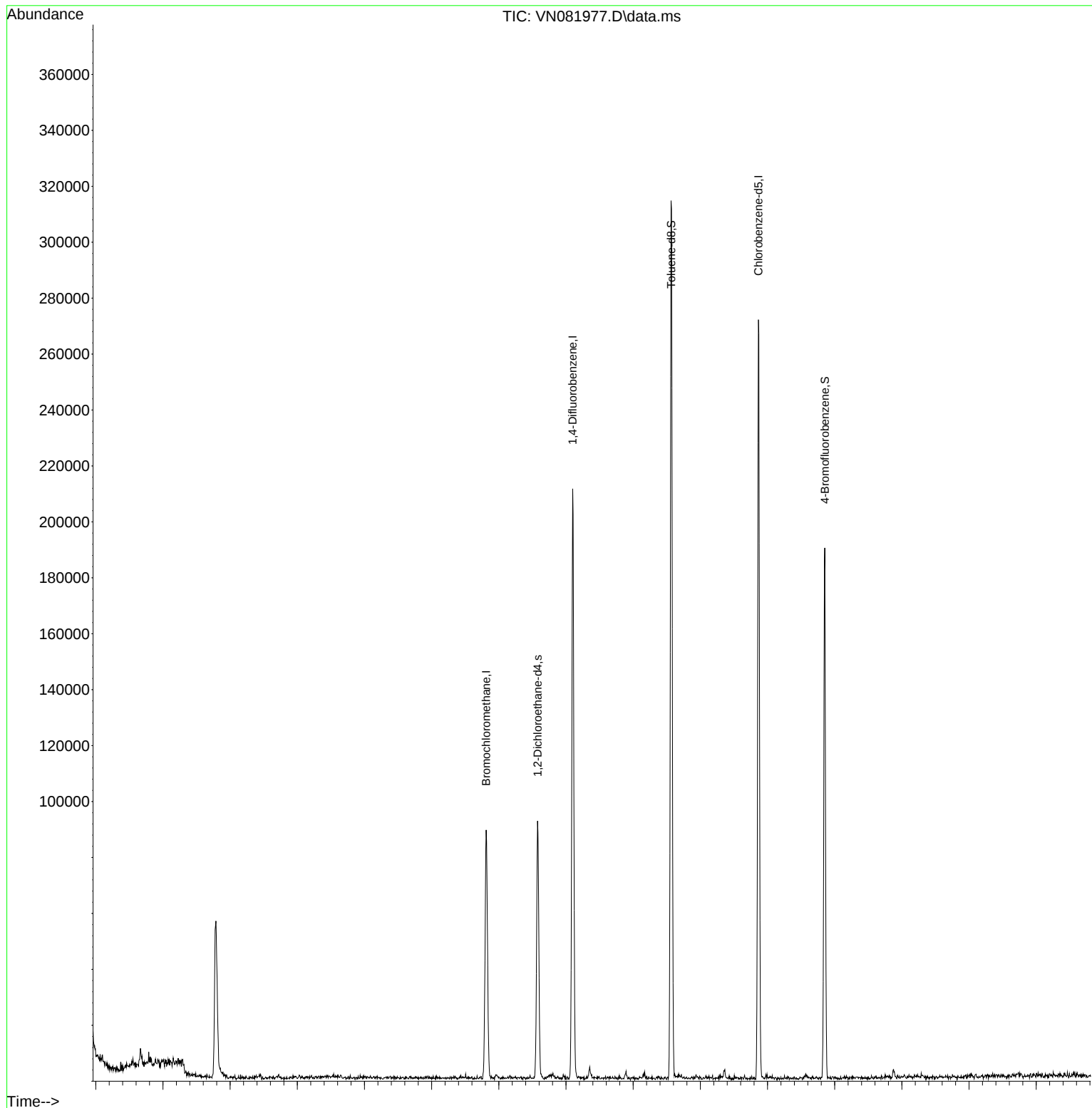
Target Compounds	Qvalue

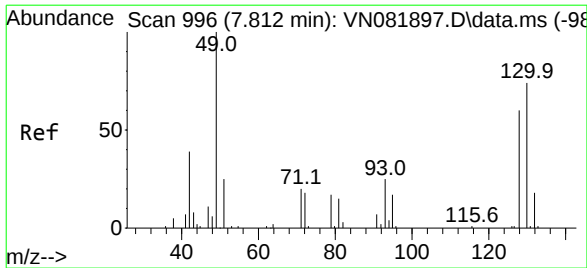
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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240410008-02

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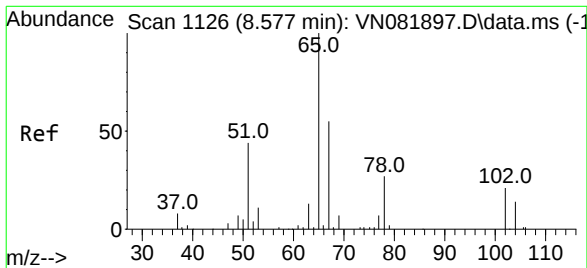
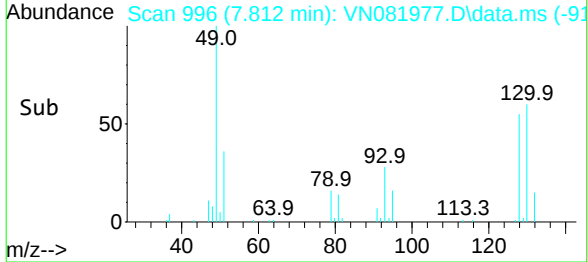
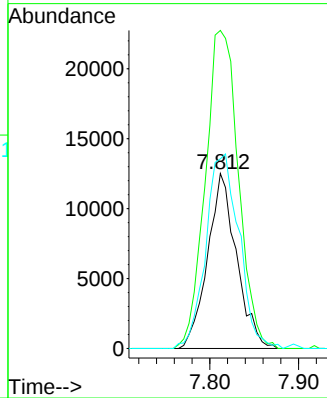
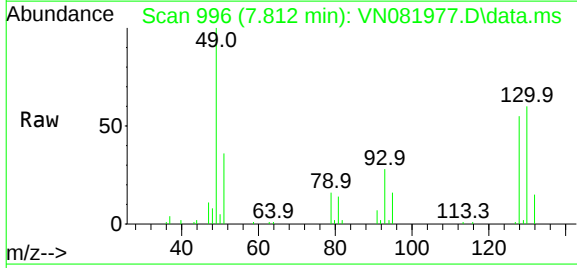




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081977.D
Acq: 02 May 2024 15:18

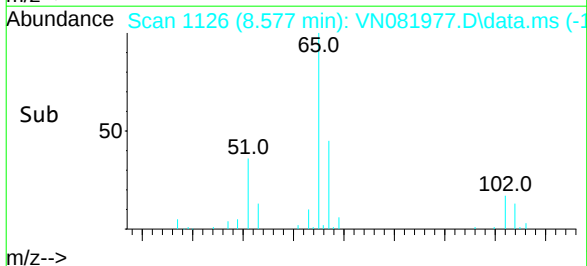
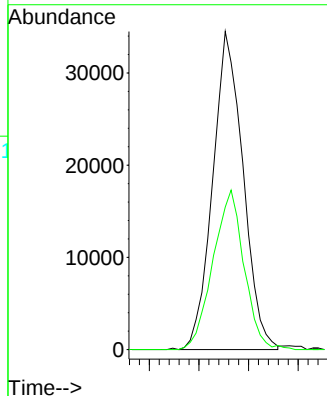
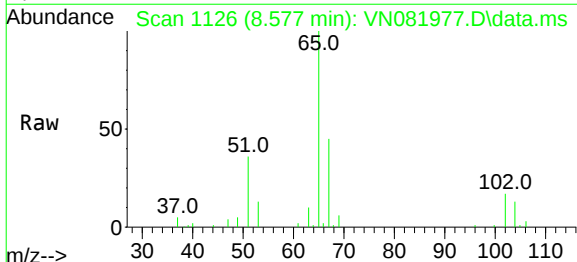
Instrument :
MSVOA_N
ClientSampleId :
240410008-02

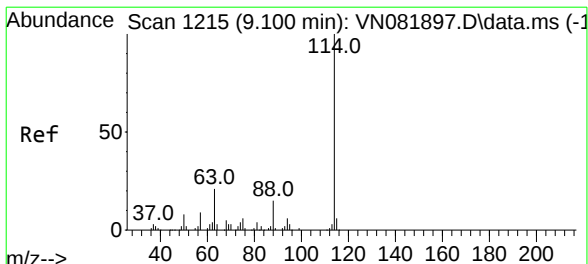
Tgt Ion:128 Resp: 28338
Ion Ratio Lower Upper
128 100
49 208.0 0.0 403.7
130 127.5 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 30.914 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081977.D
Acq: 02 May 2024 15:18

Tgt Ion: 65 Resp: 73347
Ion Ratio Lower Upper
65 100
67 50.9 43.2 64.8

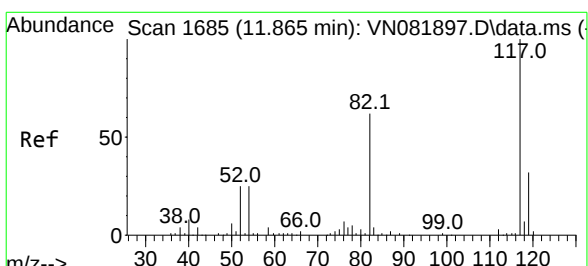
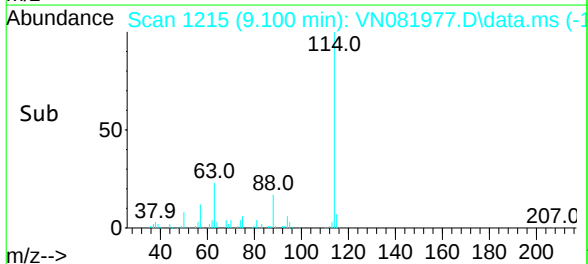
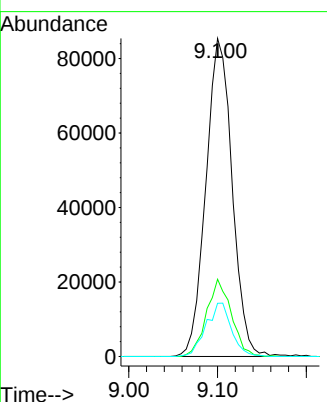
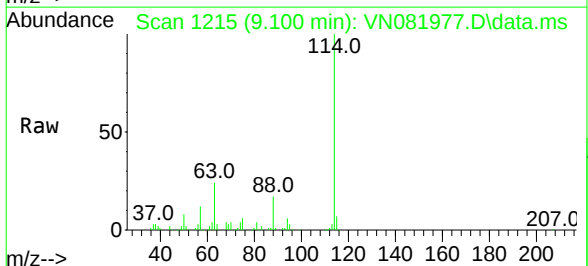




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN081977.D
 Acq: 02 May 2024 15:18

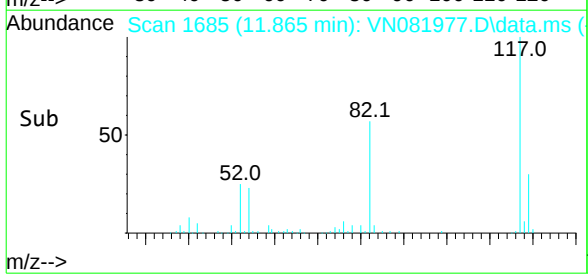
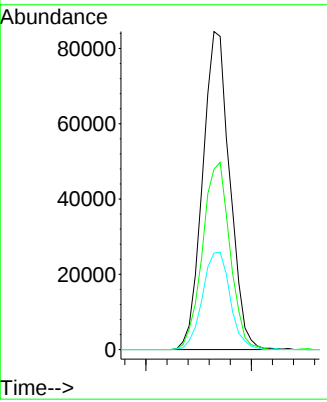
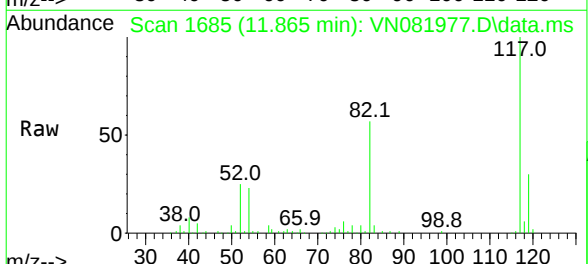
Instrument : MSVOA_N
 ClientSampleId : 240410008-02

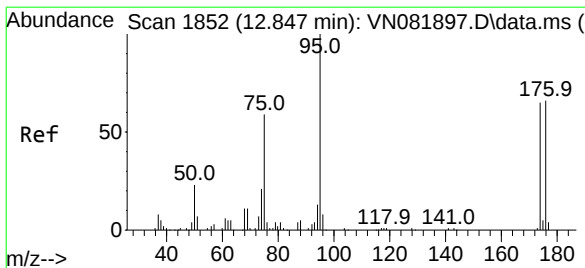
Tgt Ion:	114	Resp:	175483
Ion Ratio	Lower	Upper	
114	100		
63	23.0	15.9	23.9
88	16.3	12.7	19.1



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN081977.D
 Acq: 02 May 2024 15:18

Tgt Ion:	117	Resp:	150836
Ion Ratio	Lower	Upper	
117	100		
82	59.6	46.6	69.8
119	31.2	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 27.142 ug/l

RT: 12.853 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN081977.D

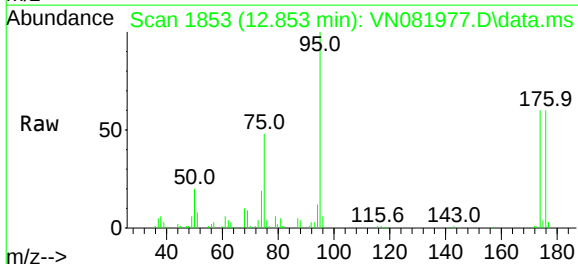
Acq: 02 May 2024 15:18

Instrument :

MSVOA_N

ClientSampleId :

240410008-02



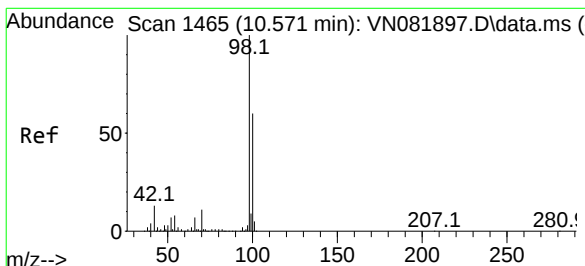
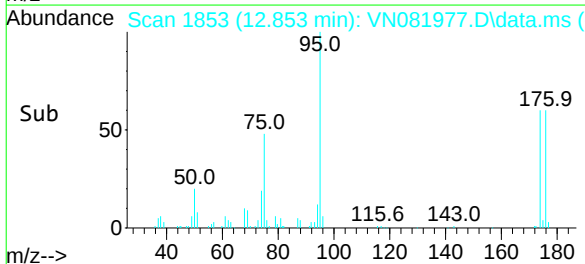
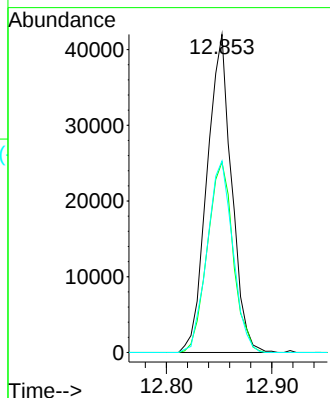
Tgt Ion: 95 Resp: 68132

Ion Ratio Lower Upper

95 100

174 62.5 60.5 90.7

176 62.7 57.8 86.6



#63

Toluene-d8

Concen: 30.790 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081977.D

Acq: 02 May 2024 15:18

Tgt Ion: 98 Resp: 220557

Ion Ratio Lower Upper

98 100

100 63.9 52.7 79.1

