

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
 Data File : VN082011.D
 Acq On : 06 May 2024 16:22
 Operator : JC\MD
 Sample : P2401-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240503058-02

Quant Time: May 07 00:29:50 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	30997	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	189247	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	158682	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83651	32.233	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.433%
60) 4-Bromofluorobenzene	12.853	95	74936	28.376	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.600%
63) Toluene-d8	10.571	98	231613	30.735	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.433%

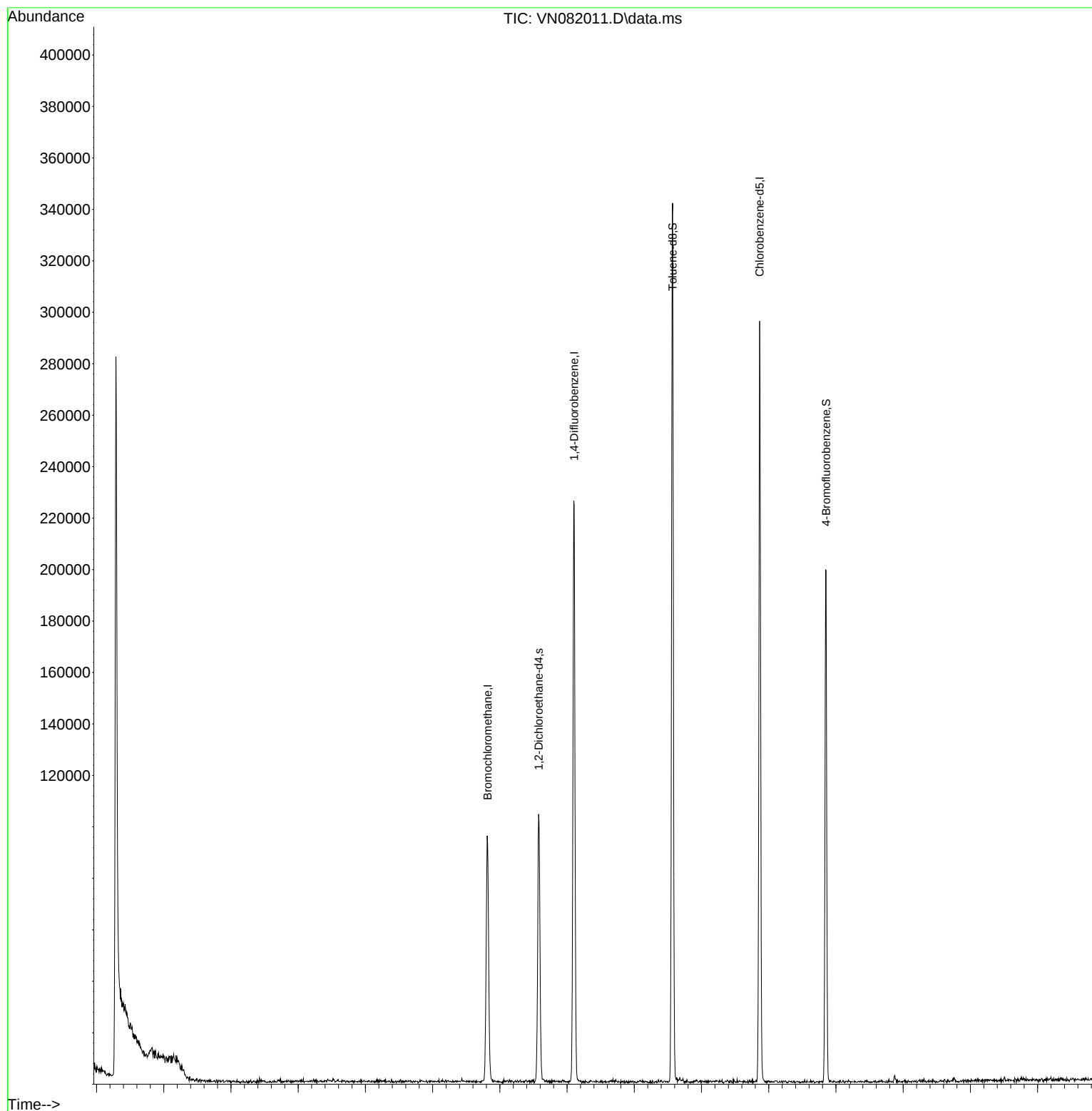
Target Compounds	Qvalue

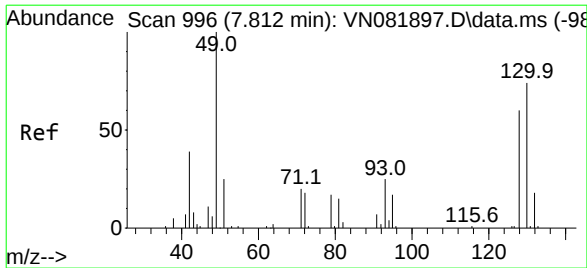
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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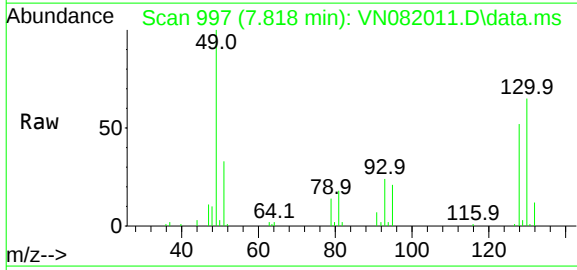
Quant Time: May 07 00:29:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
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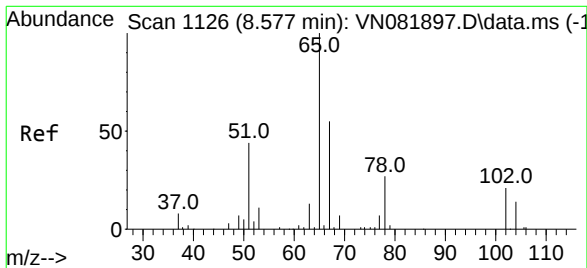
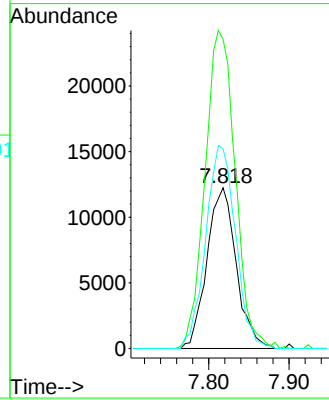
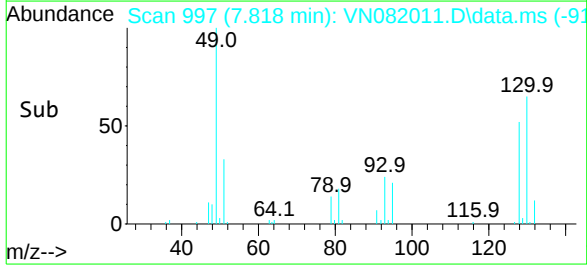


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082011.D
Acq: 06 May 2024 16:22

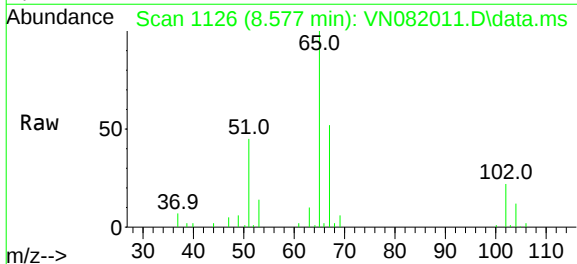
Instrument :
MSVOA_N
ClientSampleId :
240503058-02



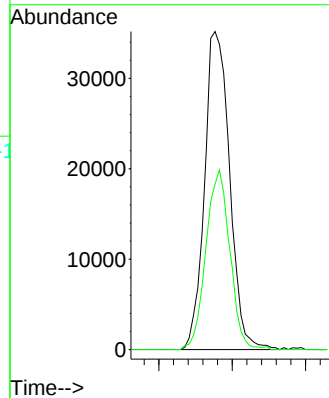
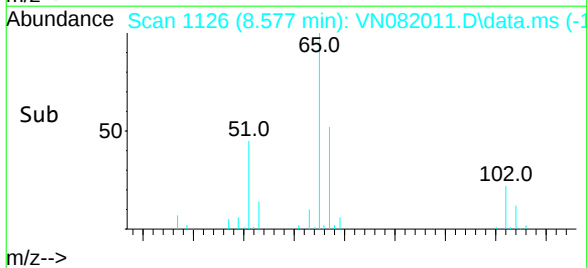
Tgt Ion:128 Resp: 30997
Ion Ratio Lower Upper
128 100
49 203.6 0.0 403.7
130 128.9 0.0 323.3

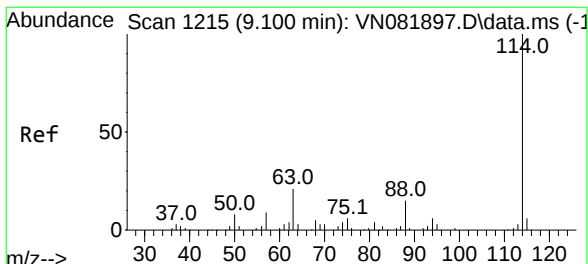


#27
1,2-Dichloroethane-d4
Concen: 32.233 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082011.D
Acq: 06 May 2024 16:22



Tgt Ion: 65 Resp: 83651
Ion Ratio Lower Upper
65 100
67 53.7 43.2 64.8

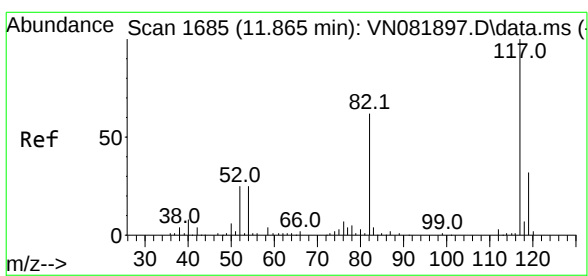
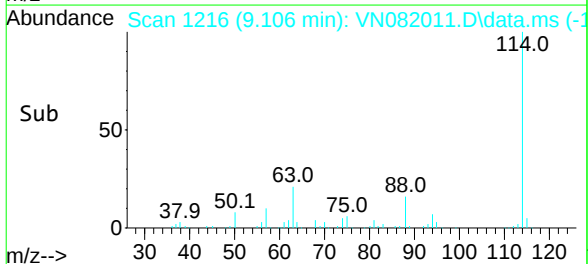
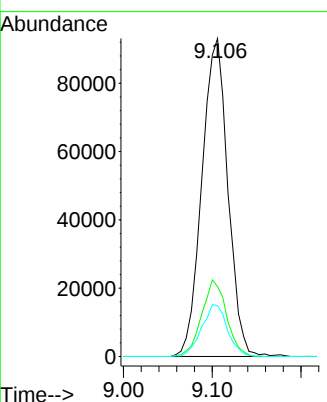
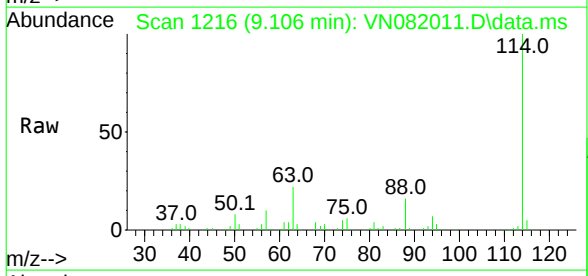




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN082011.D
Acq: 06 May 2024 16:22

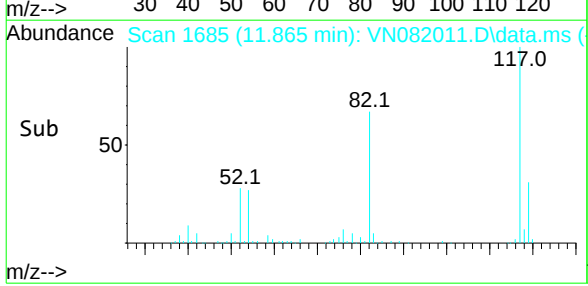
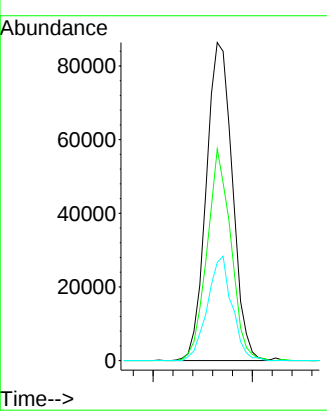
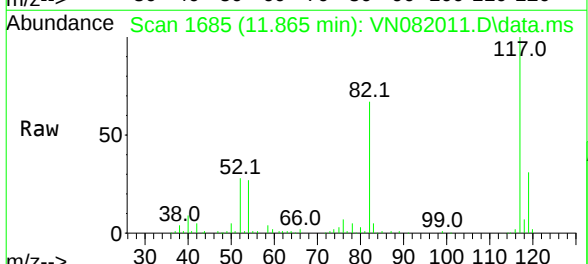
Instrument :
MSVOA_N
ClientSampleId :
240503058-02

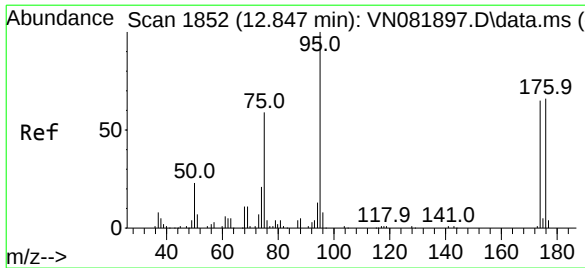
Tgt Ion:	114	Resp:	189247
Ion	Ratio	Lower	Upper
114	100		
63	23.0	15.9	23.9
88	16.2	12.7	19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082011.D
Acq: 06 May 2024 16:22

Tgt Ion:	117	Resp:	158682
Ion	Ratio	Lower	Upper
117	100		
82	60.5	46.6	69.8
119	30.8	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 28.376 ug/l

RT: 12.853 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN082011.D

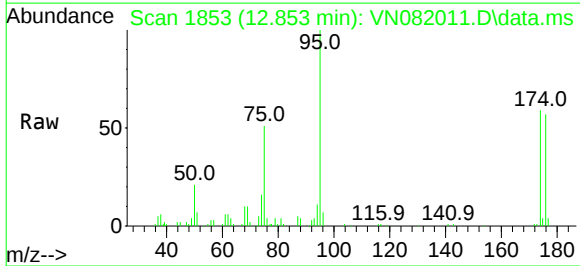
Acq: 06 May 2024 16:22

Instrument :

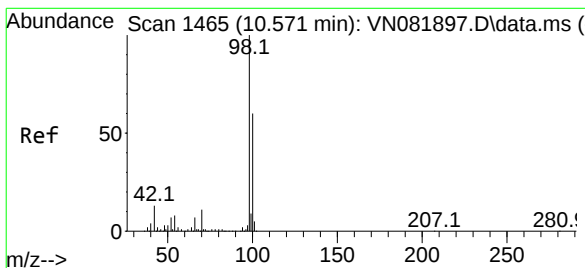
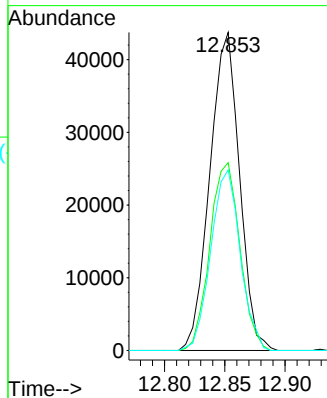
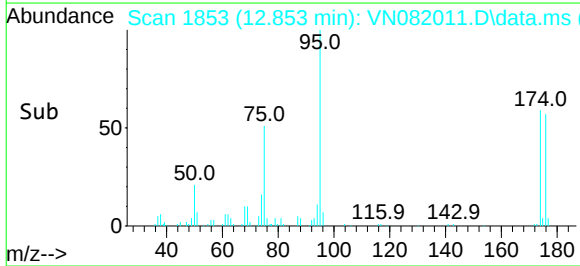
MSVOA_N

ClientSampleId :

240503058-02



Tgt Ion:	95	Resp:	74936
Ion	Ratio	Lower	Upper
95	100		
174	59.9	60.5	90.7#
176	56.2	57.8	86.6#



#63

Toluene-d8

Concen: 30.735 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082011.D

Acq: 06 May 2024 16:22

Tgt Ion:	98	Resp:	231613
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1

