

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
 Data File : VN081974.D
 Acq On : 02 May 2024 12:14
 Operator : JC\MD
 Sample : P2343-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240418046-01

Quant Time: May 03 00:10:35 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	35527	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	216669	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	176091	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	88848	29.870	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.567%
60) 4-Bromofluorobenzene	12.847	95	78787	26.885	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.600%
63) Toluene-d8	10.565	98	265890	31.795	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	106.000%

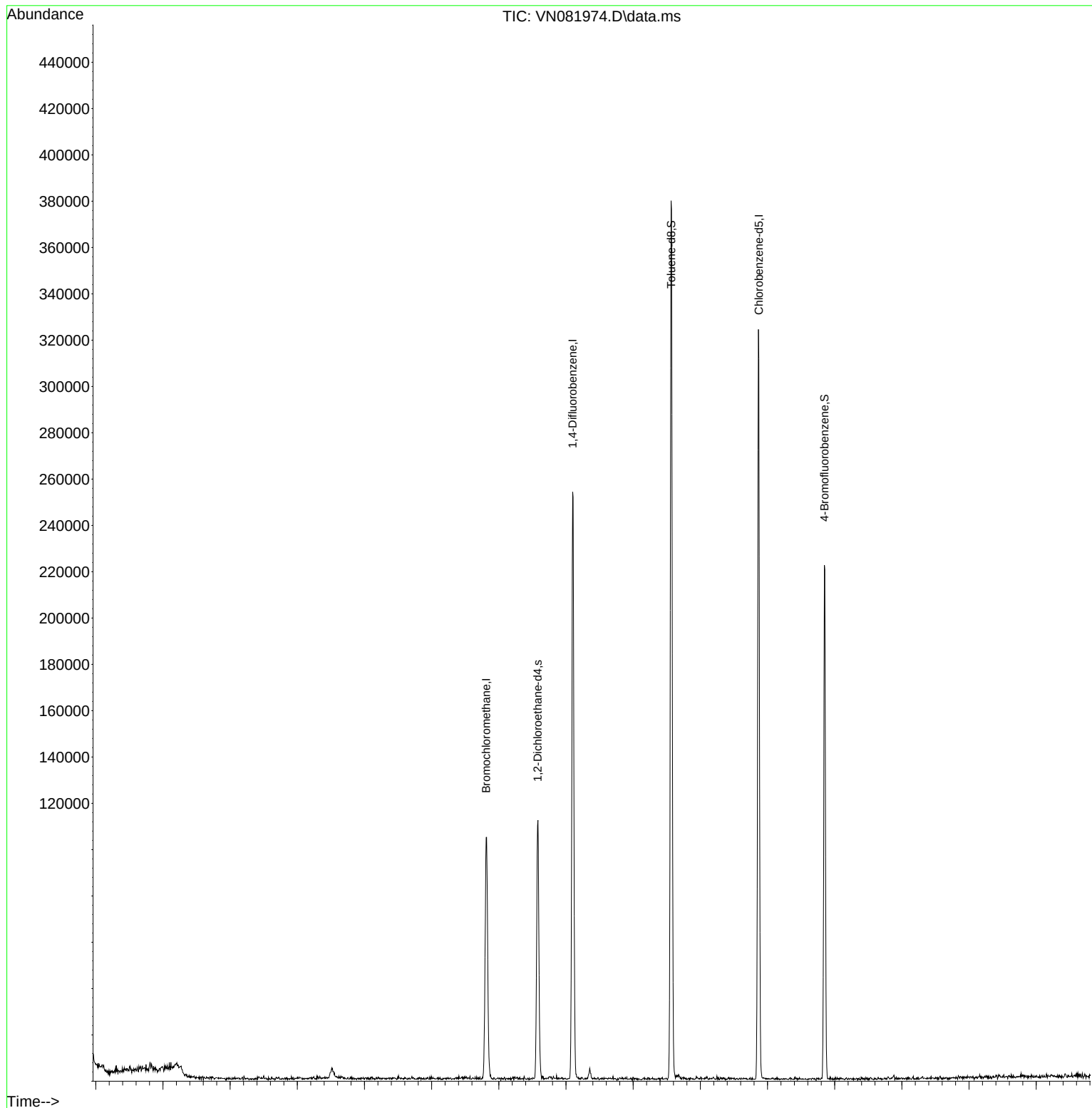
Target Compounds	Qvalue

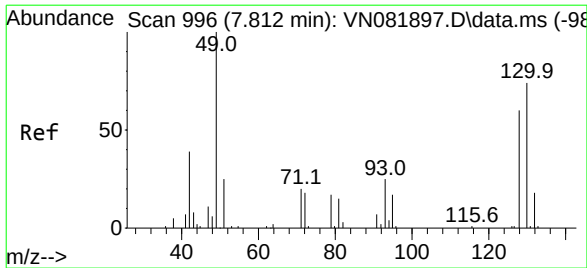
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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240418046-01

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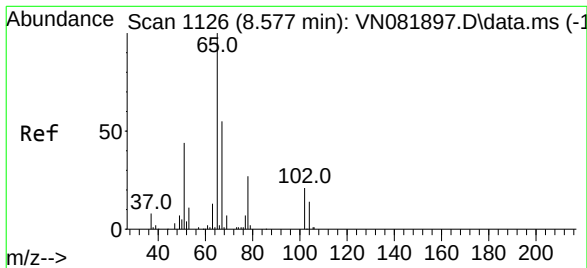
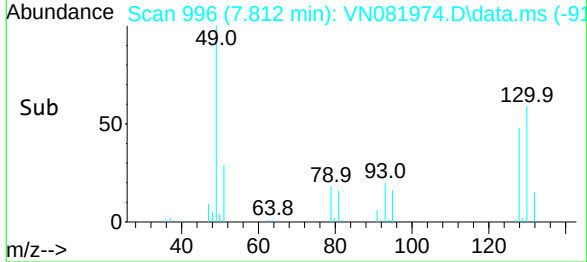
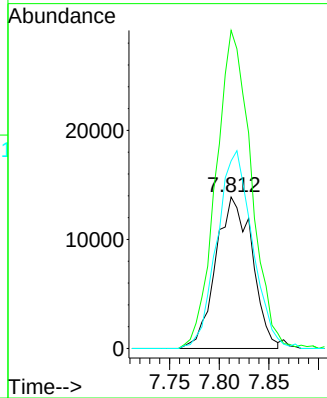
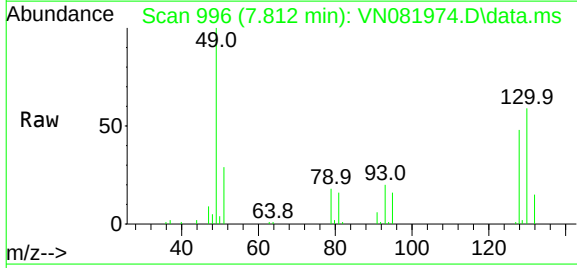




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081974.D
Acq: 02 May 2024 12:14

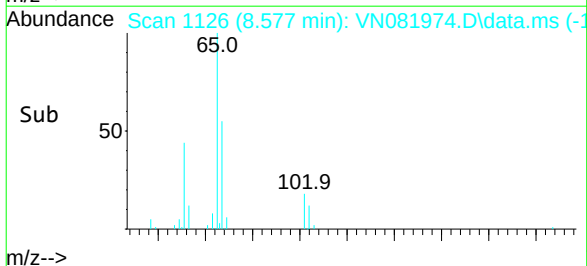
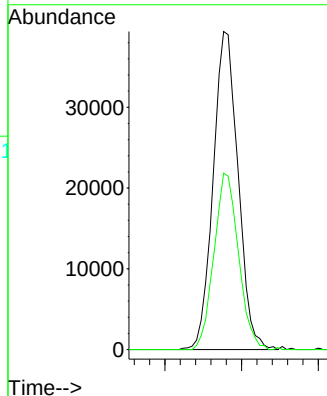
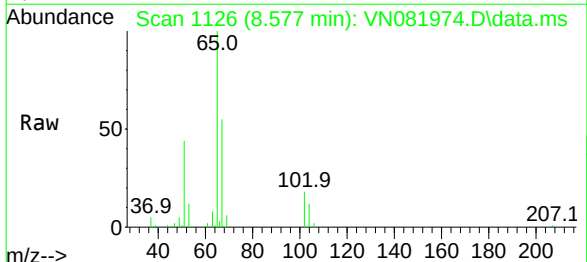
Instrument :
MSVOA_N
ClientSampleId :
240418046-01

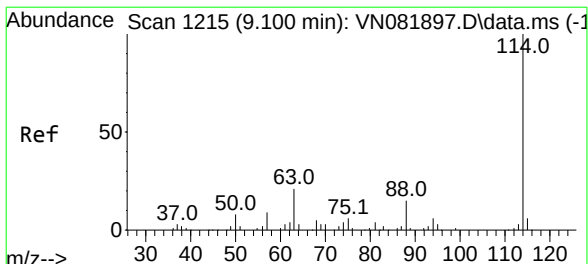
Tgt Ion	Ratio	Lower	Upper
128	100		
49	202.7	0.0	403.7
130	126.6	0.0	323.3



#27
1,2-Dichloroethane-d4
Concen: 29.870 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081974.D
Acq: 02 May 2024 12:14

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.5	43.2	64.8

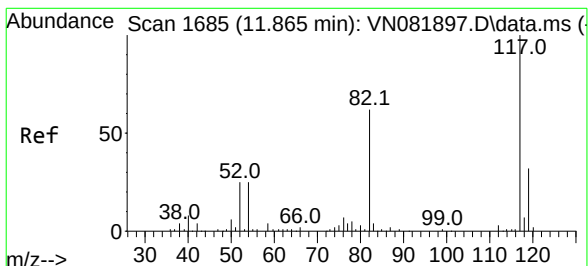
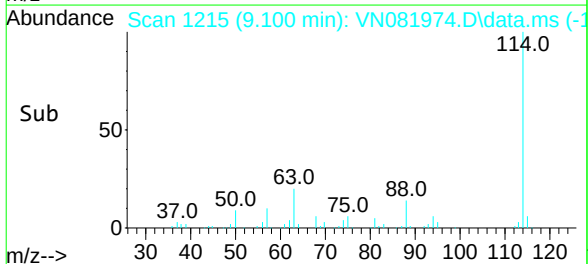
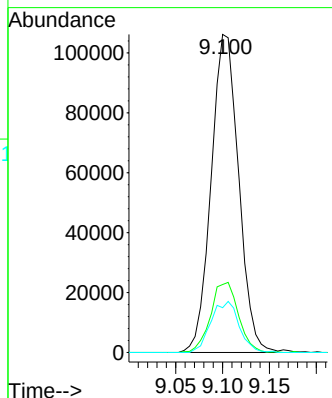
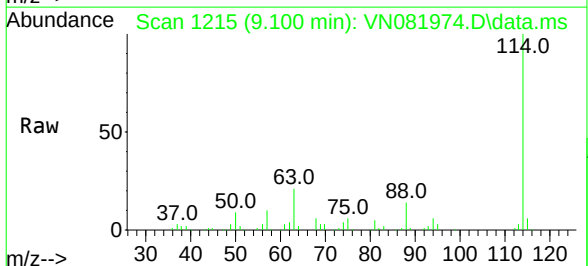




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN081974.D
 Acq: 02 May 2024 12:14

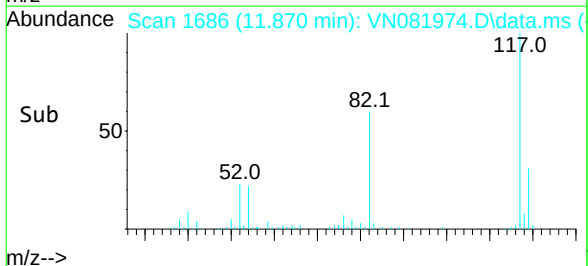
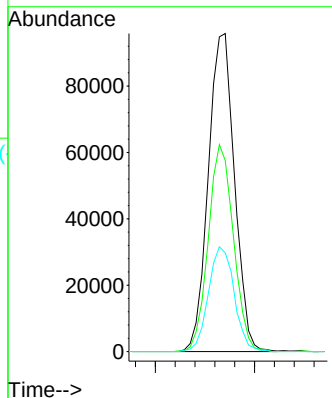
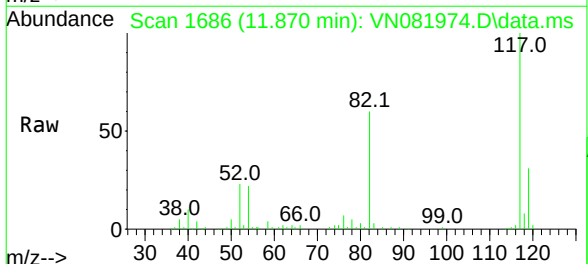
Instrument :
 MSVOA_N
 ClientSampleId :
 240418046-01

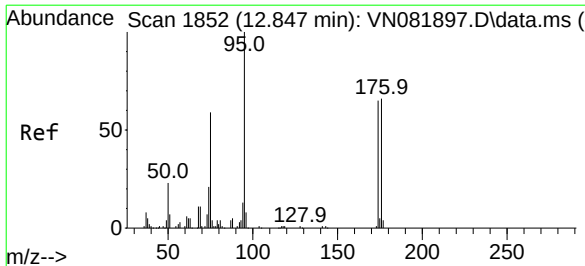
Tgt Ion:	114	Resp:	216669
Ion Ratio	Lower	Upper	
114	100		
63	22.3	15.9	23.9
88	16.4	12.7	19.1



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN081974.D
 Acq: 02 May 2024 12:14

Tgt Ion:	117	Resp:	176091
Ion Ratio	Lower	Upper	
117	100		
82	62.5	46.6	69.8
119	32.4	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 26.885 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN081974.D

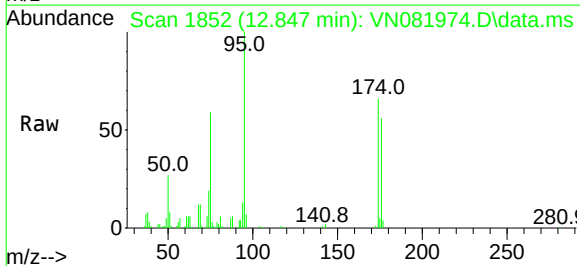
Acq: 02 May 2024 12:14

Instrument :

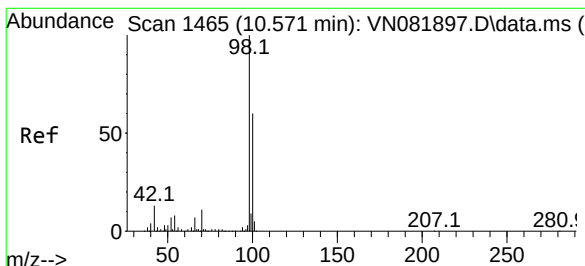
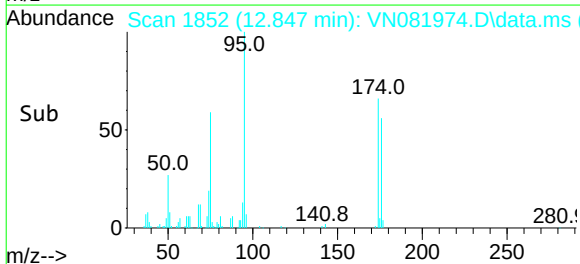
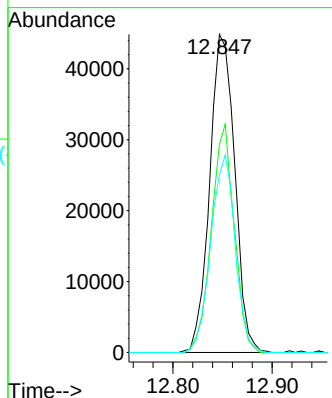
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240418046-01



Tgt Ion:	95	Resp:	78787
Ion Ratio	Lower	Upper	
95	100		
174	65.5	60.5	90.7
176	60.6	57.8	86.6



#63

Toluene-d8

Concen: 31.795 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081974.D

Acq: 02 May 2024 12:14

Tgt Ion:	98	Resp:	265890
Ion Ratio	Lower	Upper	
98	100		
100	65.4	52.7	79.1

