

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
Data File : VN081972.D
Acq On : 02 May 2024 11:08
Operator : JC\MD
Sample : VN0502WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBL01

Quant Time: May 03 00:09:59 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	37194	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	224266	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	187156	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	93818	30.127	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.433%
60) 4-Bromofluorobenzene	12.847	95	86011	27.615	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.033%
63) Toluene-d8	10.565	98	274243	30.855	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.867%

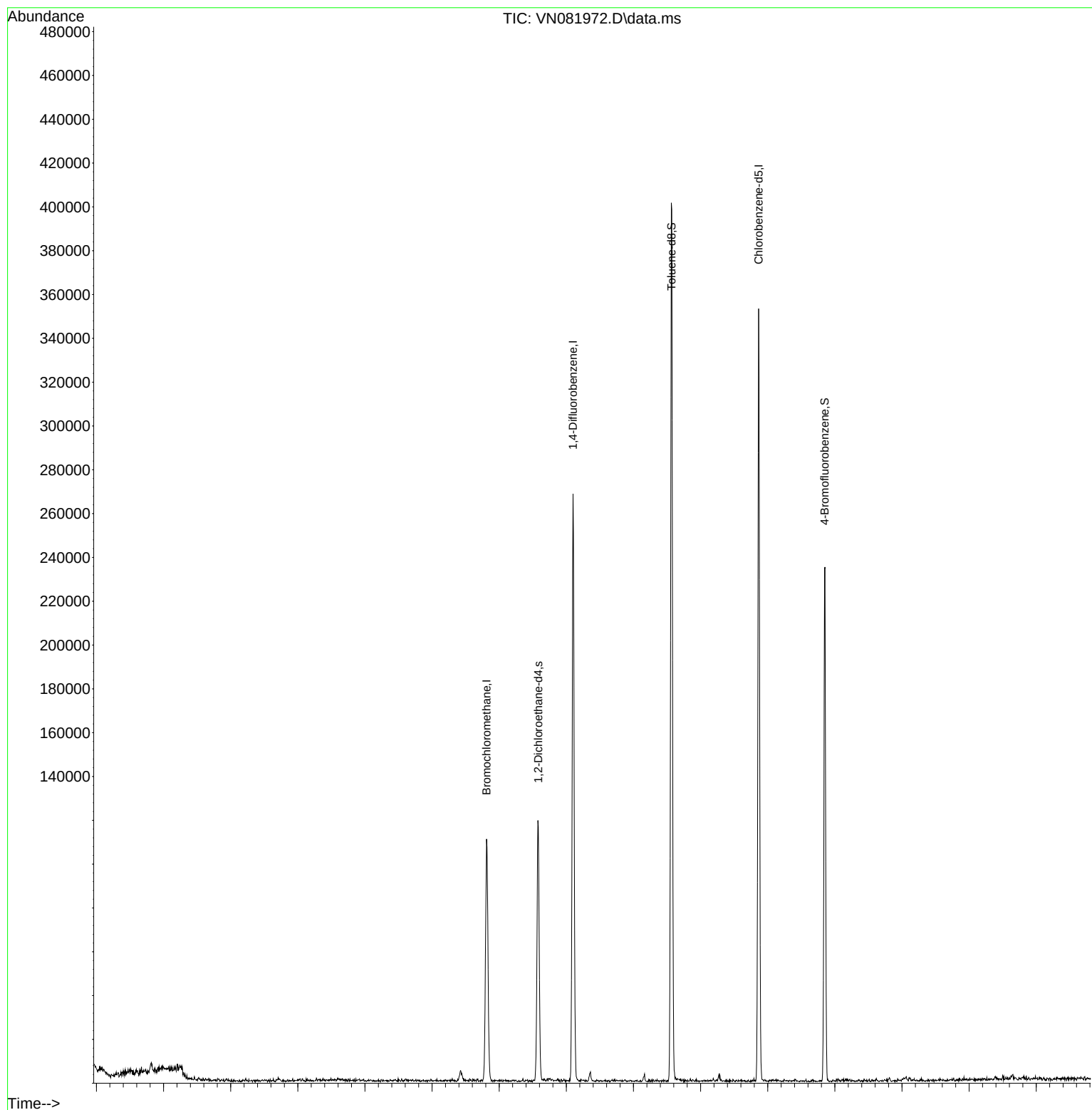
Target Compounds	Qvalue

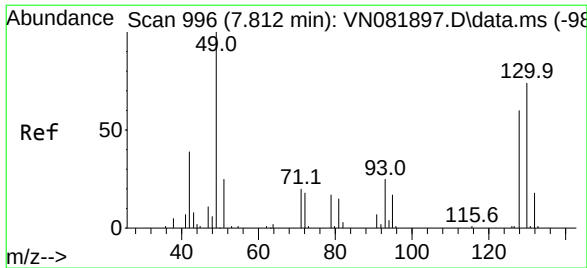
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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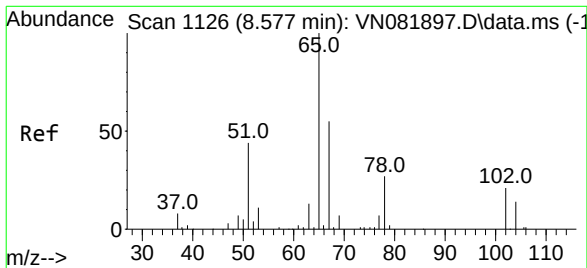
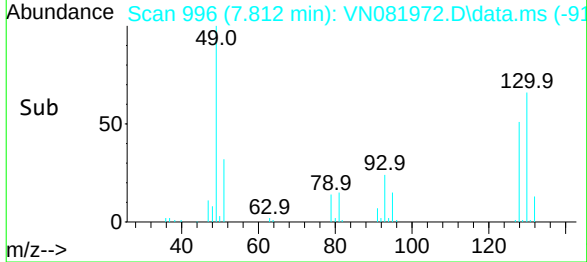
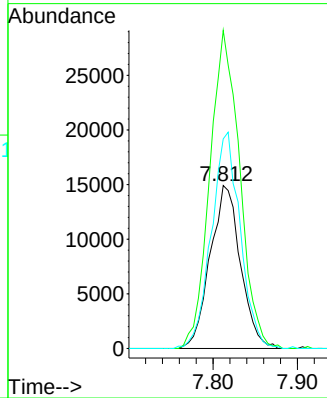
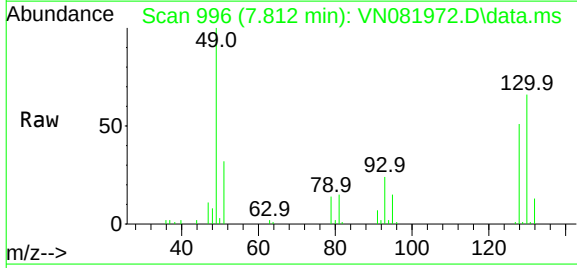




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

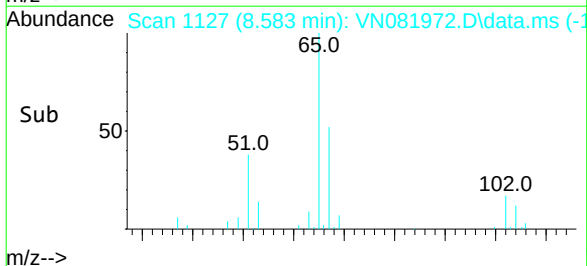
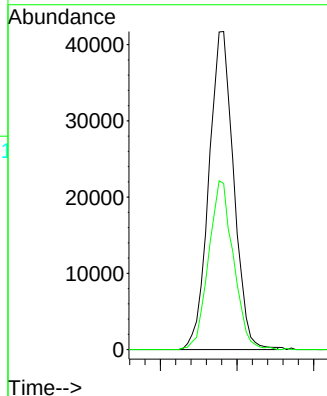
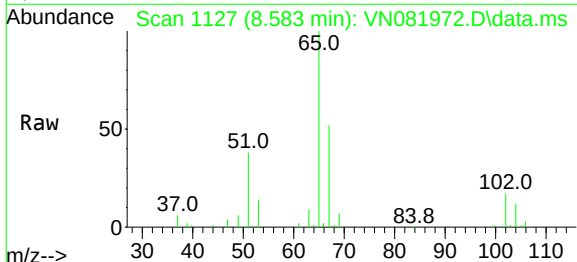
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBL01

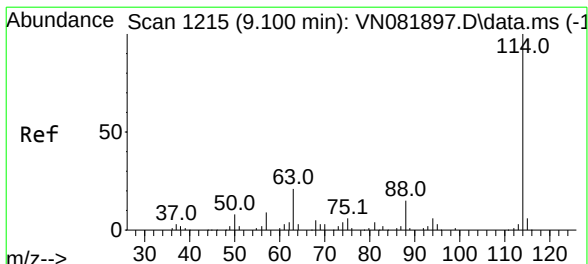
Tgt Ion	Ratio	Lower	Upper
128	100		
49	192.4	0.0	403.7
130	126.8	0.0	323.3



#27
1,2-Dichloroethane-d4
Concen: 30.127 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	43.2	64.8

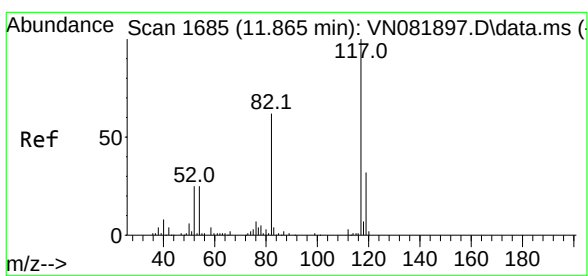
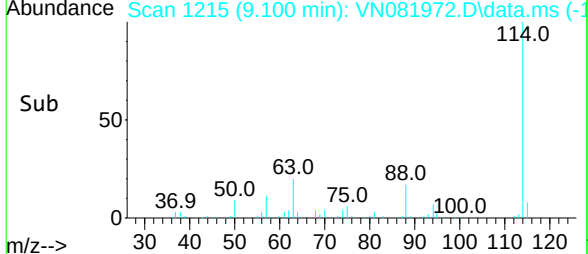
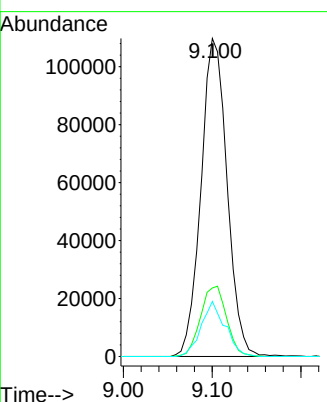
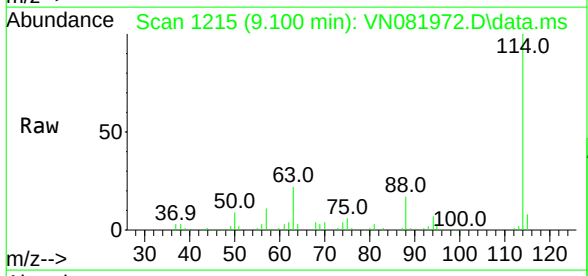




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN081972.D
 Acq: 02 May 2024 11:08

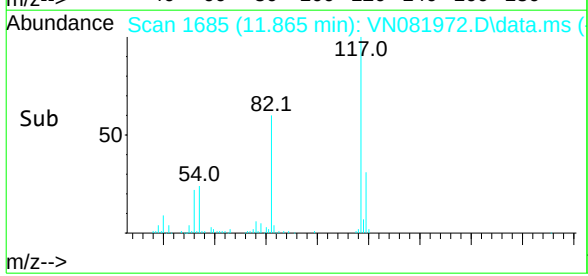
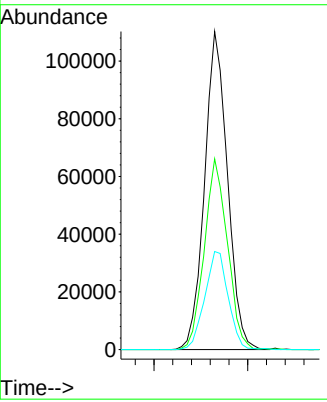
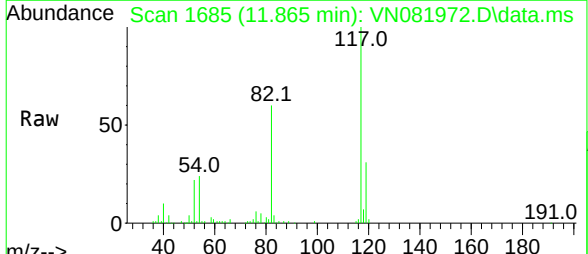
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBL01

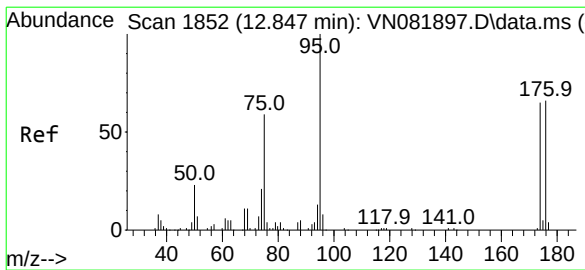
Tgt Ion:	114	Resp:	224266
Ion Ratio	Lower	Upper	
114	100		
63	22.0	15.9	23.9
88	16.0	12.7	19.1



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN081972.D
 Acq: 02 May 2024 11:08

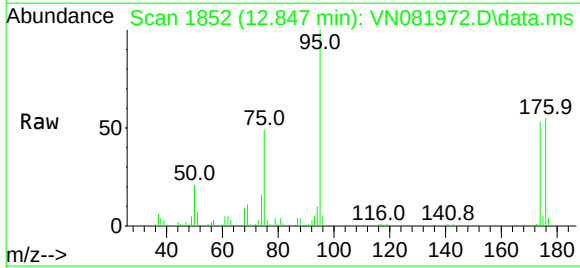
Tgt Ion:	117	Resp:	187156
Ion Ratio	Lower	Upper	
117	100		
82	60.4	46.6	69.8
119	31.4	25.4	38.2



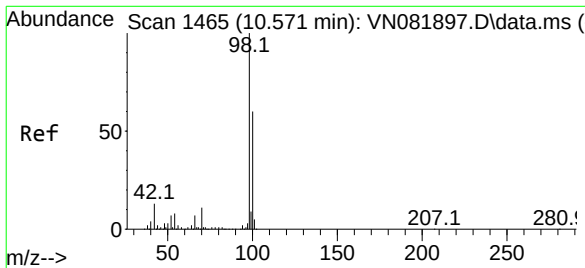
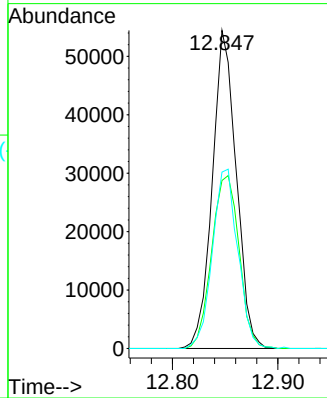
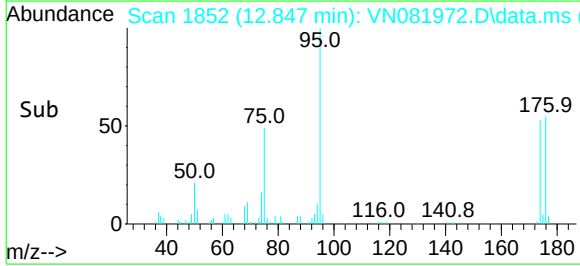


#60
4-Bromofluorobenzene
Concen: 27.615 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Instrument :
MSVOA_N
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VN0502WBL01



Tgt Ion: 95 Resp: 86011
Ion Ratio Lower Upper
95 100
174 62.1 60.5 90.7
176 59.8 57.8 86.6



#63
Toluene-d8
Concen: 30.855 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Tgt Ion: 98 Resp: 274243
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1

