

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
Data File : VN082029.D
Acq On : 08 May 2024 12:36
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: May 09 01:03:36 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	27979	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	158240	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	135546	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	73322	31.300	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.333%
60) 4-Bromofluorobenzene	12.847	95	62880	27.875	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.933%
63) Toluene-d8	10.565	98	193954	30.131	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.433%

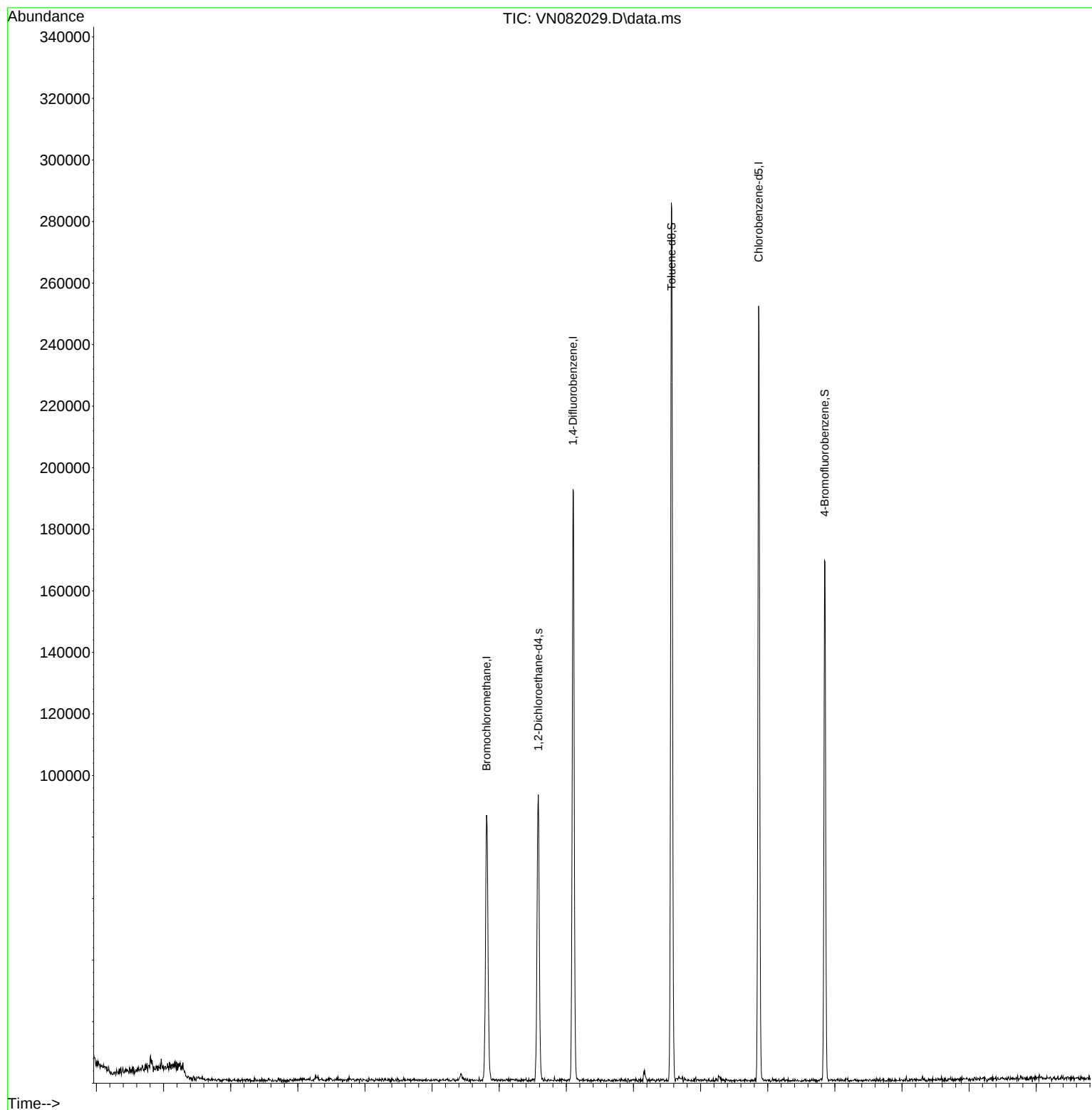
Target Compounds	Qvalue

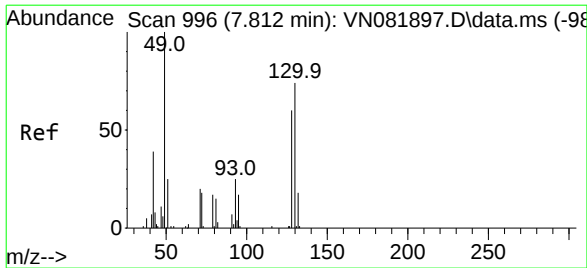
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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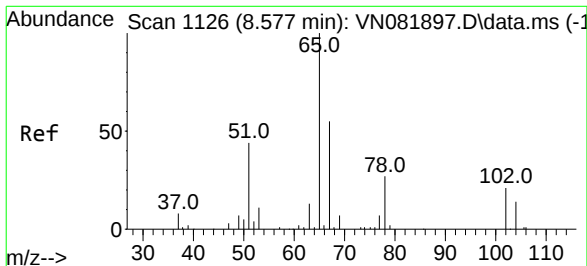
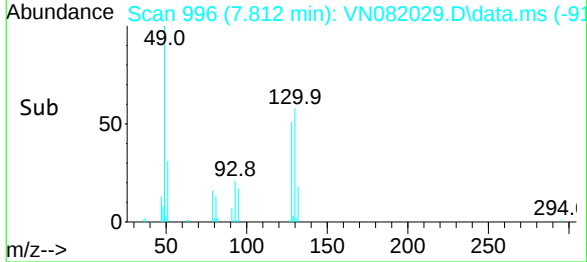
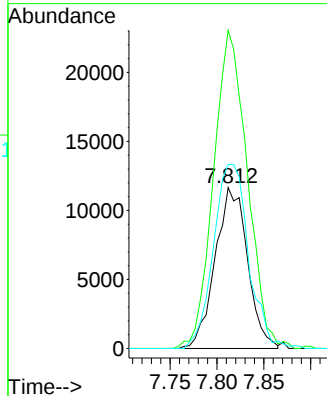
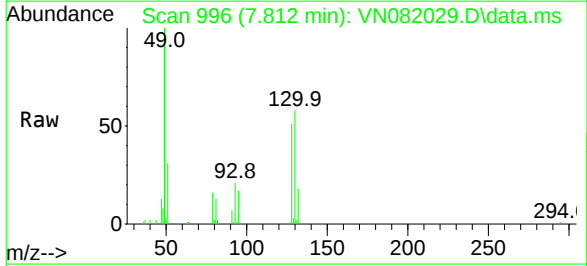




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082029.D
Acq: 08 May 2024 12:36

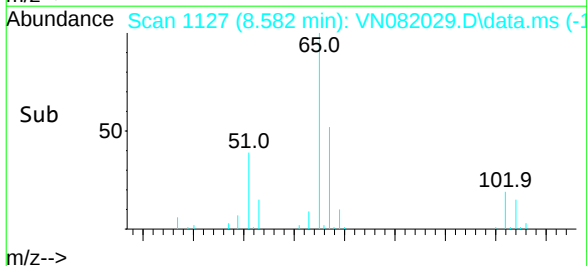
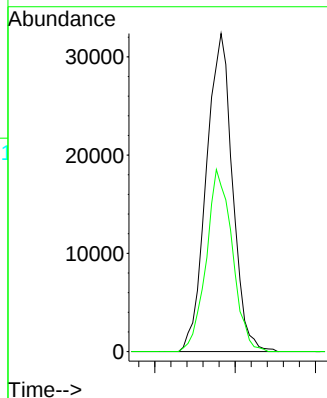
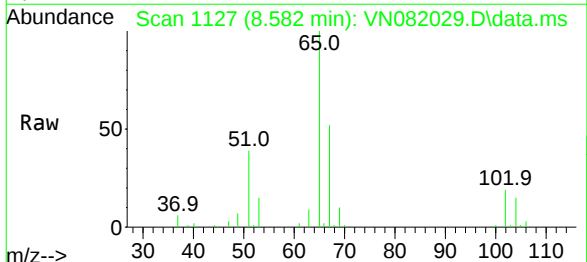
Instrument :
MSVOA_N
ClientSampleId :
IBLK

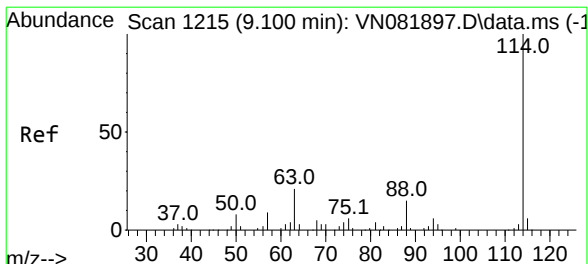
Tgt Ion:128 Resp: 27979
Ion Ratio Lower Upper
128 100
49 205.4 0.0 403.7
130 122.8 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 31.300 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082029.D
Acq: 08 May 2024 12:36

Tgt Ion: 65 Resp: 73322
Ion Ratio Lower Upper
65 100
67 57.0 43.2 64.8

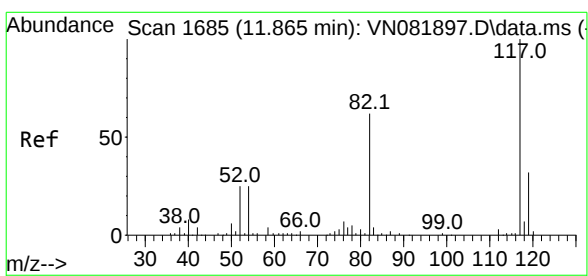
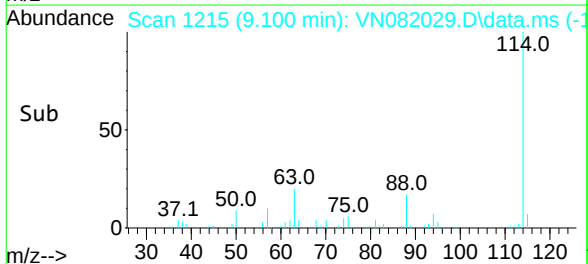
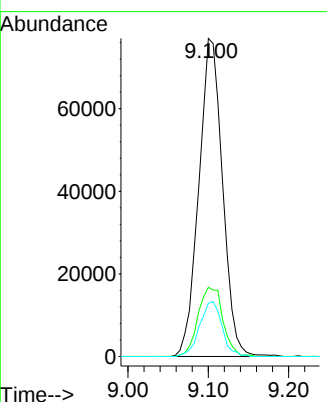
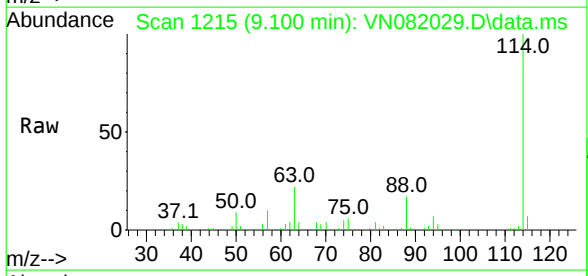




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN082029.D
 Acq: 08 May 2024 12:36

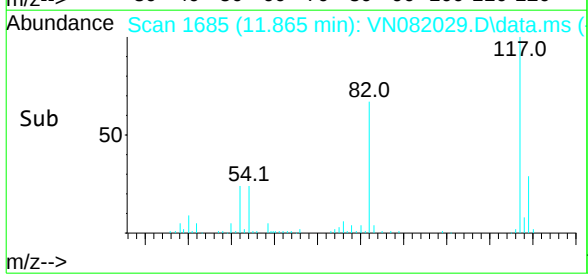
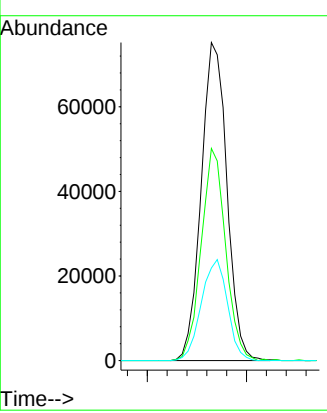
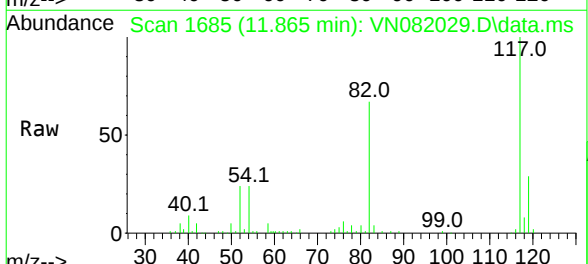
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

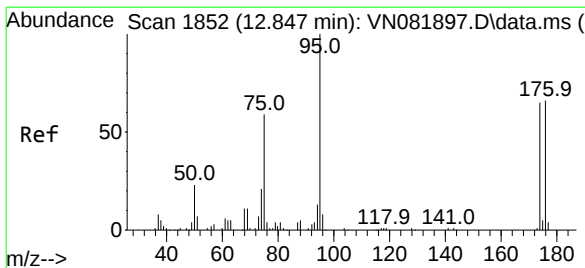
Tgt Ion:	114	Resp:	158240
Ion Ratio	Lower	Upper	
114	100		
63	22.7	15.9	23.9
88	16.3	12.7	19.1



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN082029.D
 Acq: 08 May 2024 12:36

Tgt Ion:	117	Resp:	135546
Ion Ratio	Lower	Upper	
117	100		
82	63.3	46.6	69.8
119	32.2	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 27.875 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN082029.D

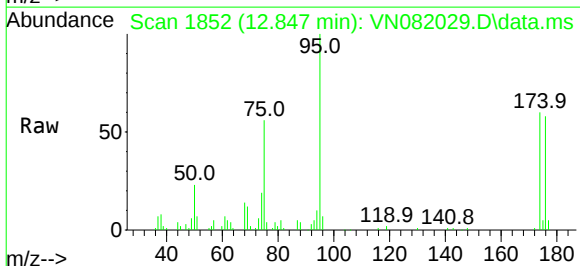
Acq: 08 May 2024 12:36

Instrument :

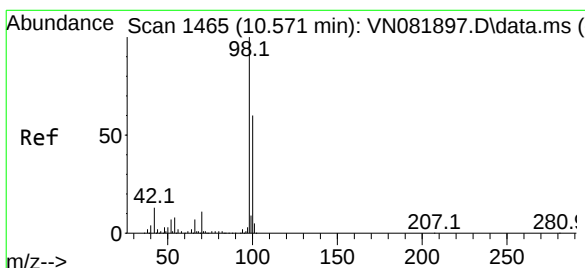
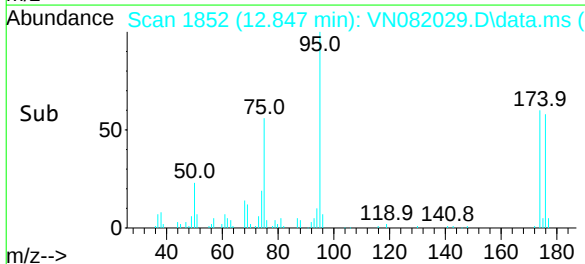
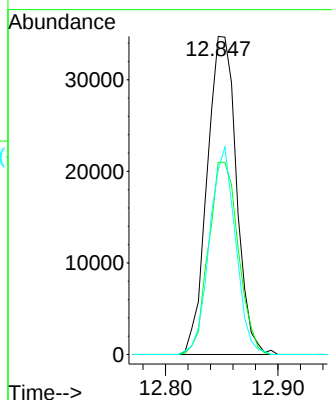
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Tgt Ion:	95	Resp:	62880
Ion	Ratio	Lower	Upper
95	100		
174	61.4	60.5	90.7
176	57.9	57.8	86.6



#63

Toluene-d8

Concen: 30.131 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082029.D

Acq: 08 May 2024 12:36

Tgt Ion:	98	Resp:	193954
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1

