

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081910.D
 Acq On : 29 Apr 2024 13:32
 Operator : JC\MD
 Sample : P2287-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240417089-01

Quant Time: Apr 30 04:36:28 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	44609	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	257037	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	222638	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	108498	29.050	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.833%
60) 4-Bromofluorobenzene	12.853	95	101509	27.396	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.333%
63) Toluene-d8	10.570	98	317247	30.005	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.000%

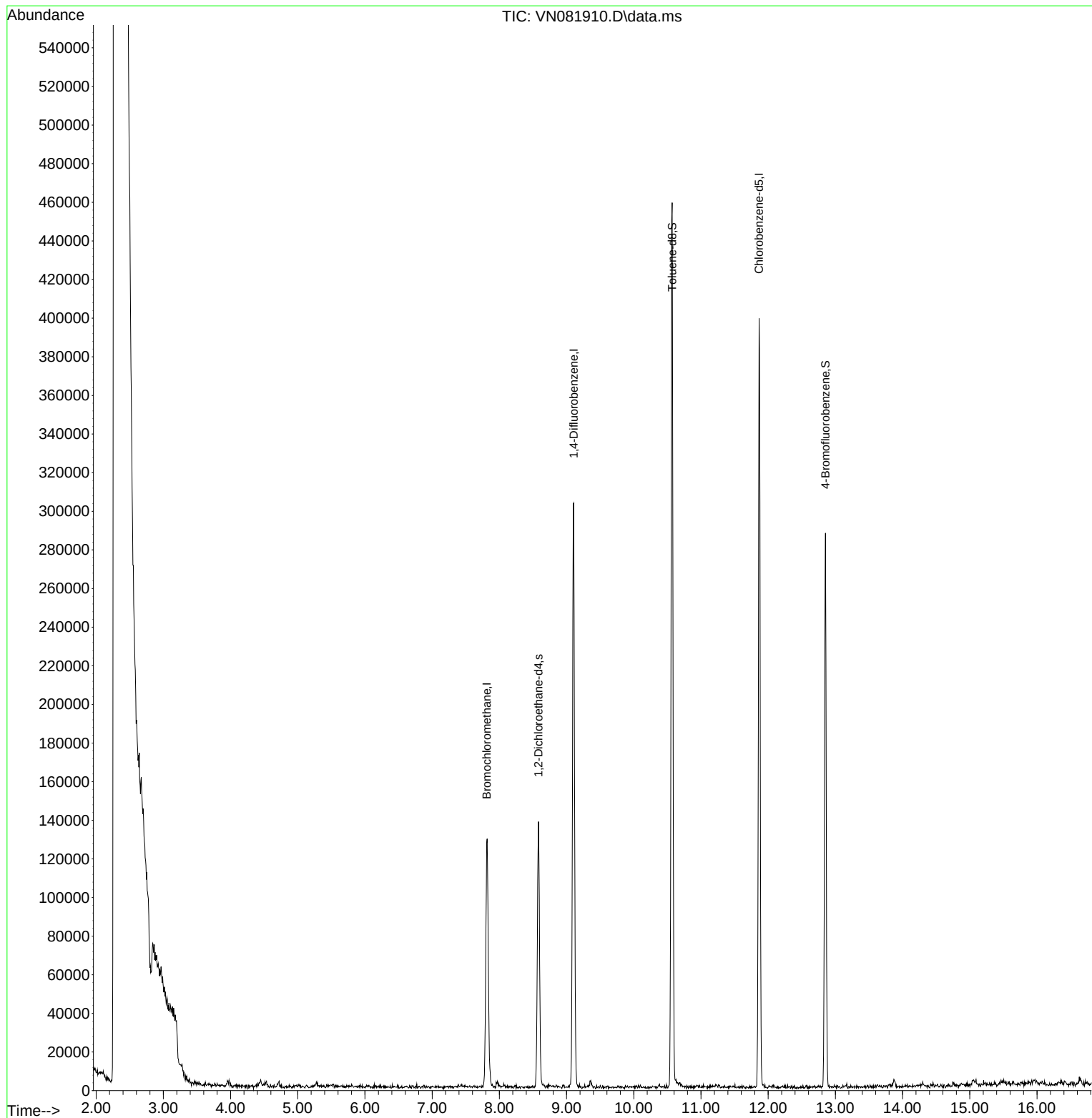
Target Compounds	Qvalue

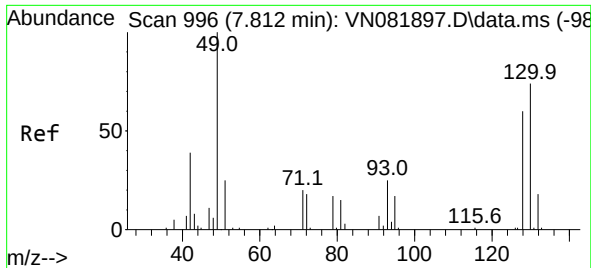
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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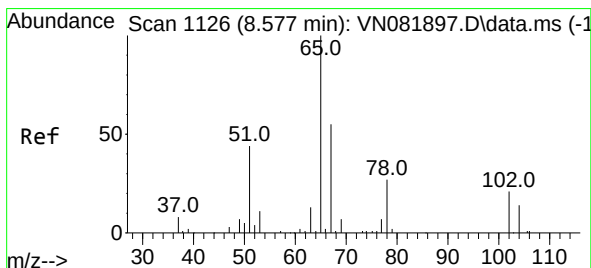
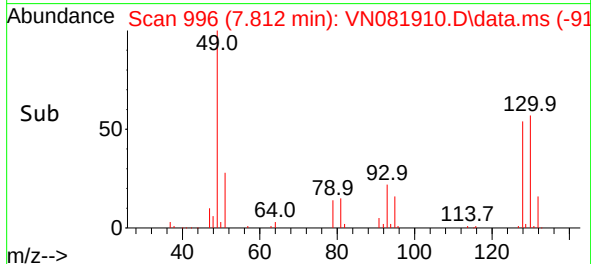
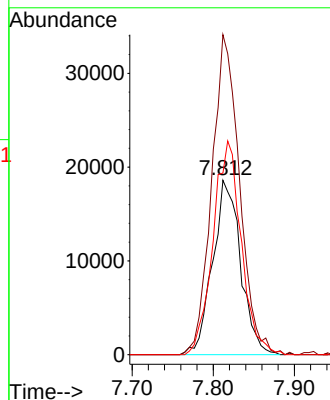
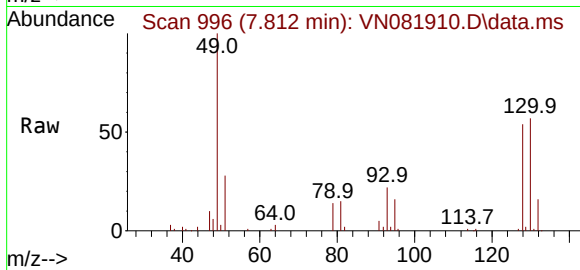




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081910.D
Acq: 29 Apr 2024 13:32

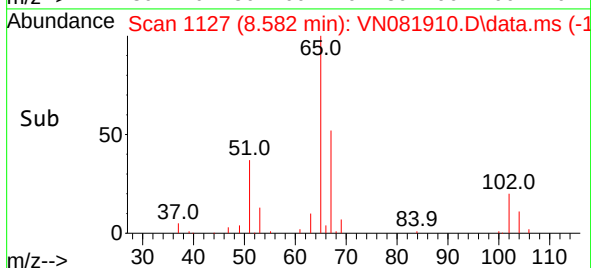
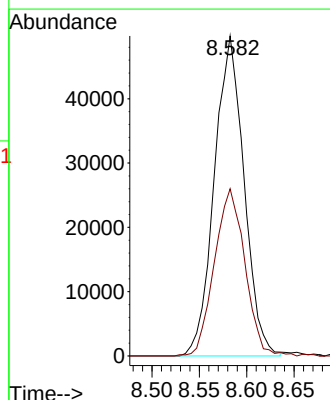
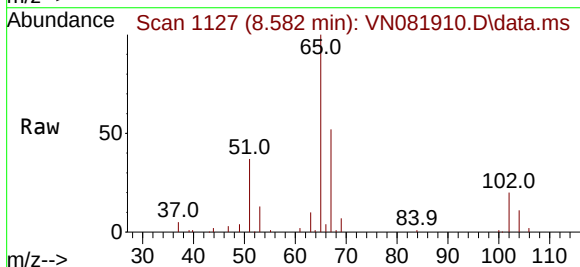
Instrument :
MSVOA_N
ClientSampleId :
240417089-01

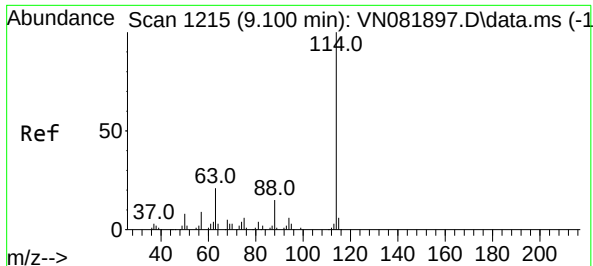
Tgt Ion:128 Resp: 44609
Ion Ratio Lower Upper
128 100
49 181.4 0.0 403.7
130 123.3 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 29.050 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081910.D
Acq: 29 Apr 2024 13:32

Tgt Ion: 65 Resp: 108498
Ion Ratio Lower Upper
65 100
67 53.6 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081910.D

Acq: 29 Apr 2024 13:32

Instrument :

MSVOA_N

ClientSampleId :

240417089-01

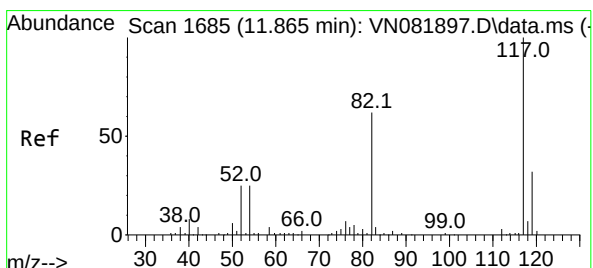
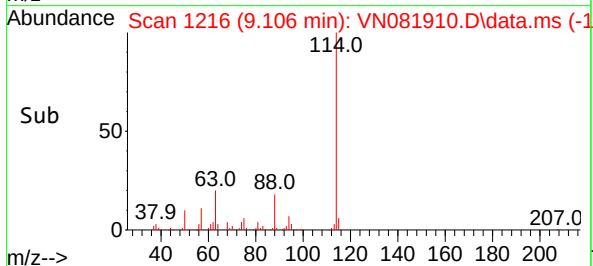
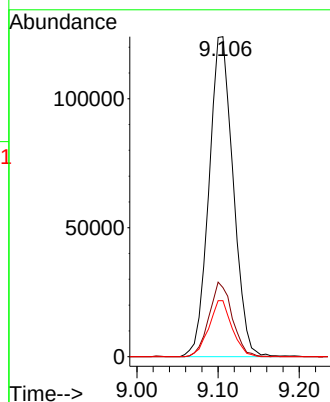
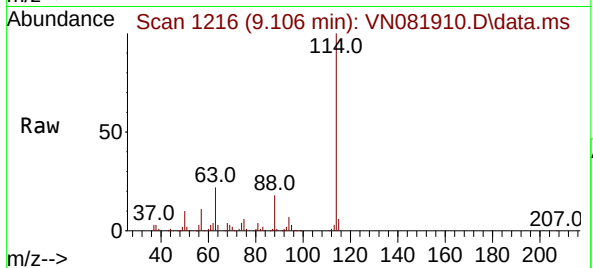
Tgt Ion:114 Resp: 257037

Ion Ratio Lower Upper

114 100

63 22.3 15.9 23.9

88 16.8 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: VN081910.D

Acq: 29 Apr 2024 13:32

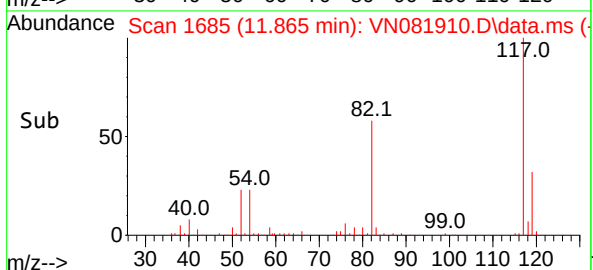
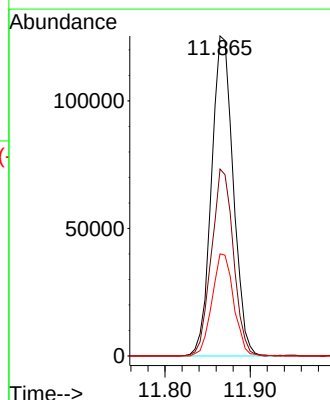
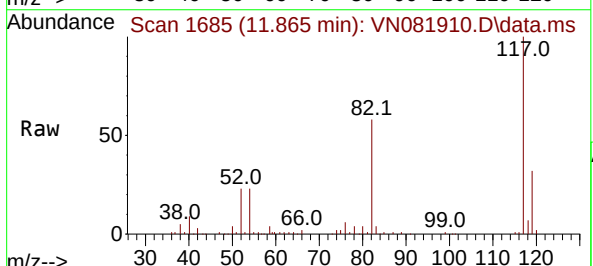
Tgt Ion:117 Resp: 222638

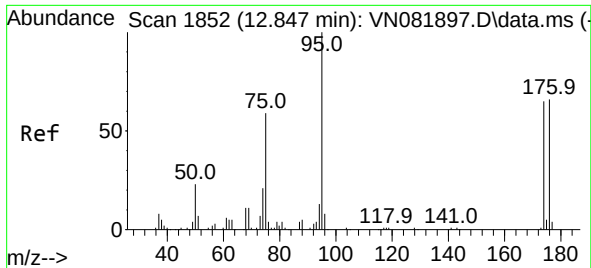
Ion Ratio Lower Upper

117 100

82 59.1 46.6 69.8

119 31.8 25.4 38.2

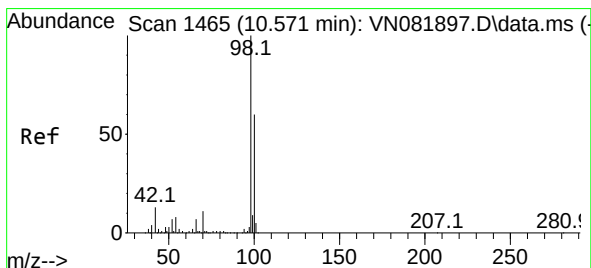
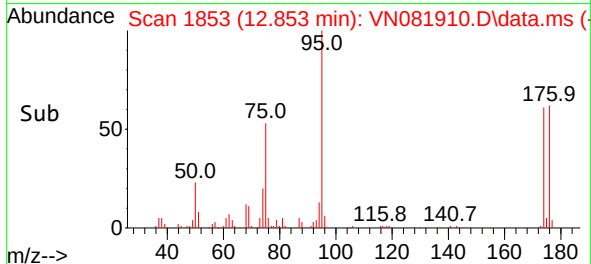
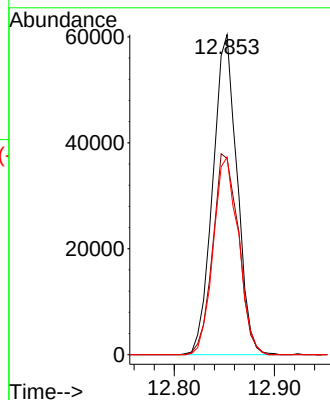
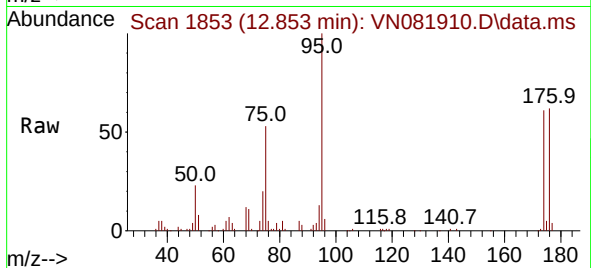




#60
4-Bromofluorobenzene
Concen: 27.396 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081910.D
Acq: 29 Apr 2024 13:32

Instrument :
MSVOA_N
ClientSampleId :
240417089-01

Tgt Ion: 95 Resp: 101509
Ion Ratio Lower Upper
95 100
174 66.8 60.5 90.7
176 64.3 57.8 86.6



#63
Toluene-d8
Concen: 30.005 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081910.D
Acq: 29 Apr 2024 13:32

Tgt Ion: 98 Resp: 317247
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

