

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083023\
 Data File : VN079112.D
 Acq On : 30 Aug 2023 12:58
 Operator : JC\MD
 Sample : VN0830WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBL01

Quant Time: Aug 31 02:15:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.824	128	35622	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	186407	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	153345	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	86555	29.992	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.967%
60) 4-Bromofluorobenzene	12.853	95	53184	23.776	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.267%
63) Toluene-d8	10.571	98	222225	31.032	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.433%

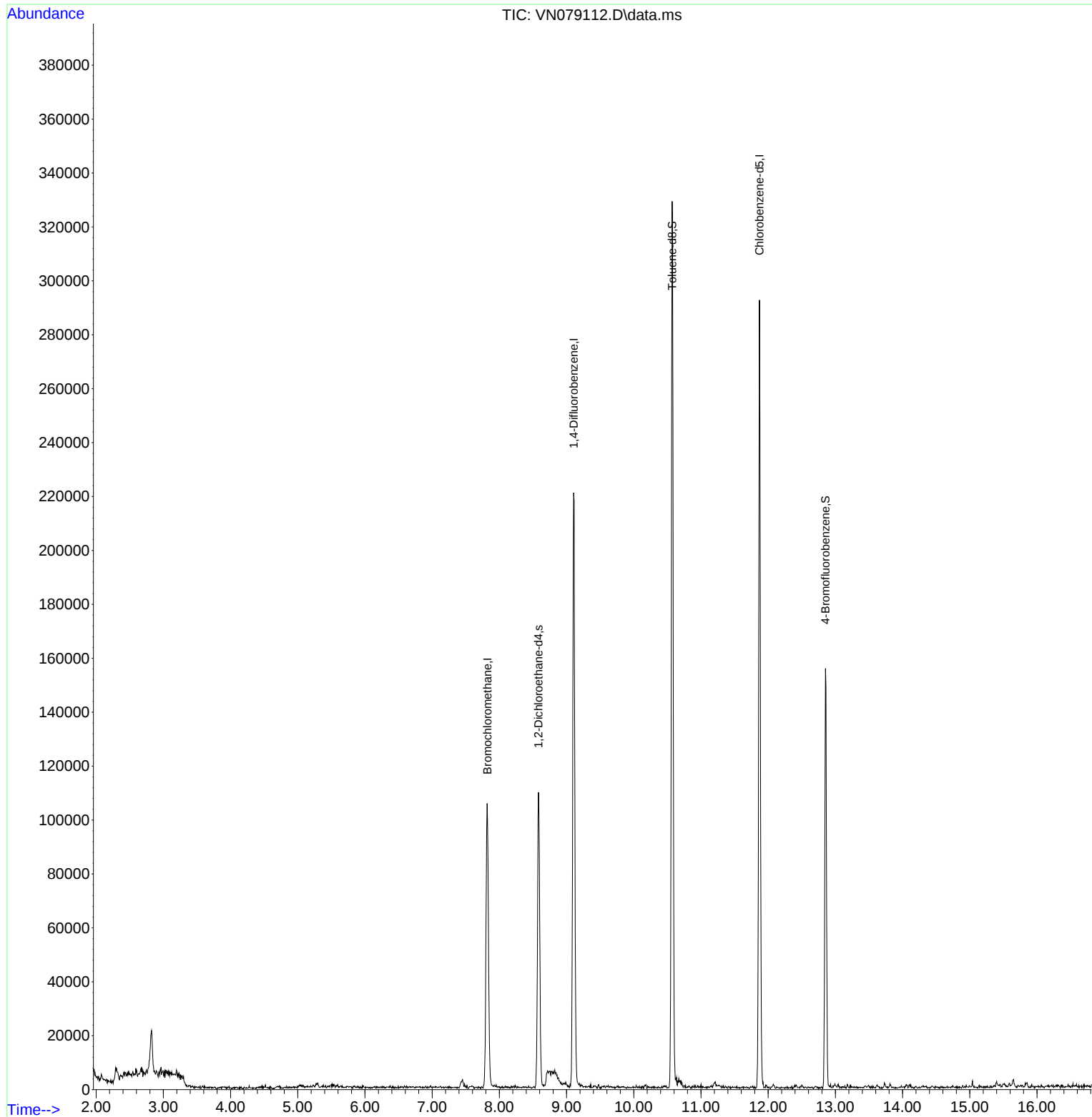
Target Compounds	Qvalue

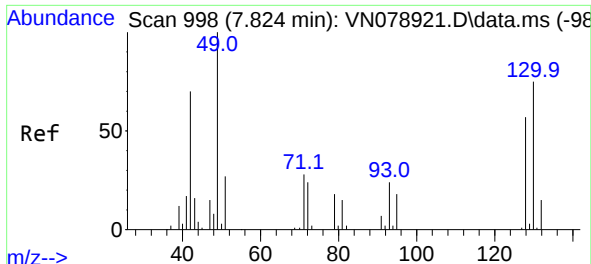
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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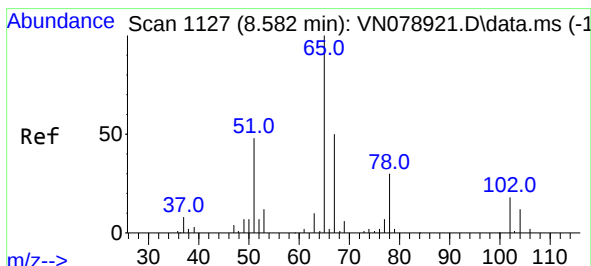
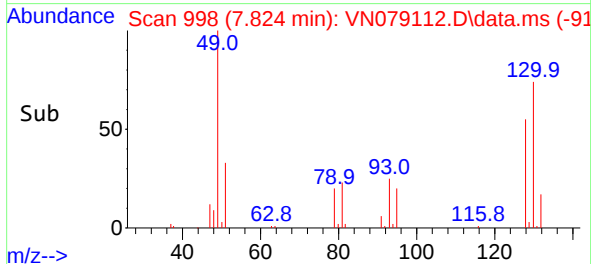
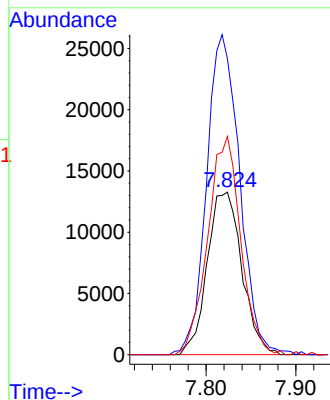
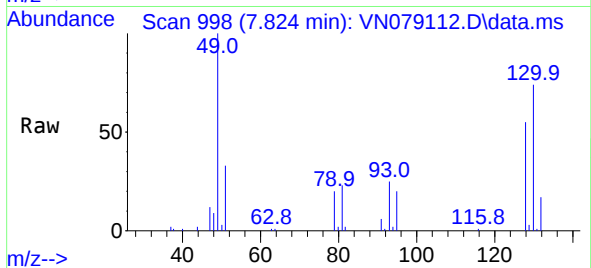




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN079112.D
Acq: 30 Aug 2023 12:58

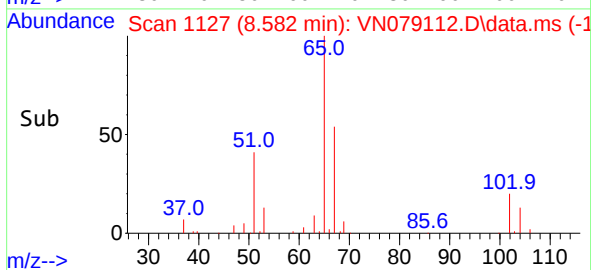
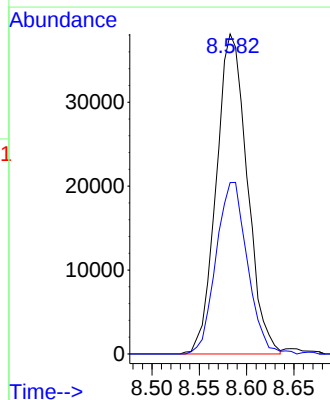
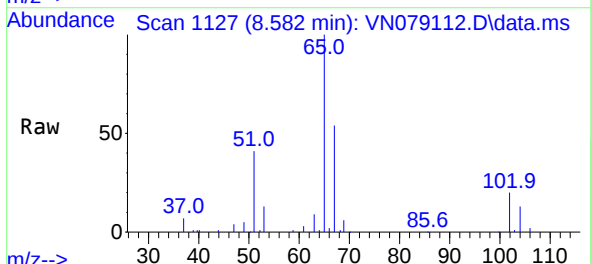
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBL01

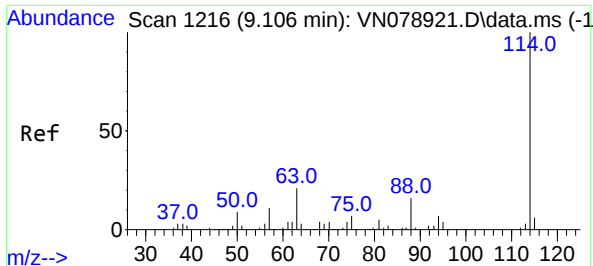
Tgt Ion:128 Resp: 35622
Ion Ratio Lower Upper
128 100
49 188.0 0.0 481.8
130 127.0 0.0 320.5



#27
1,2-Dichloroethane-d4
Concen: 29.992 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079112.D
Acq: 30 Aug 2023 12:58

Tgt Ion: 65 Resp: 86555
Ion Ratio Lower Upper
65 100
67 54.2 40.7 61.1

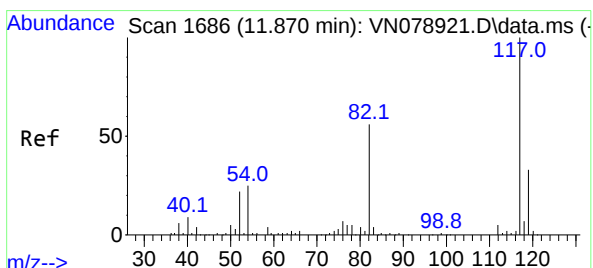
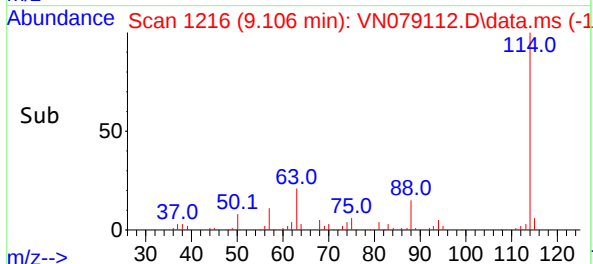
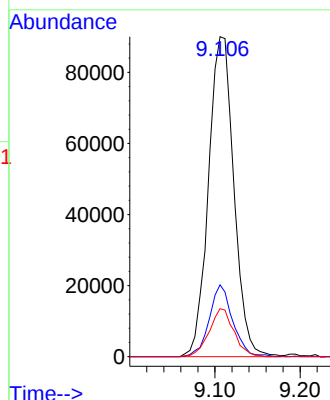
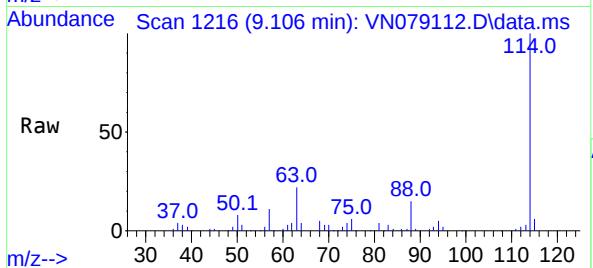




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079112.D
Acq: 30 Aug 2023 12:58

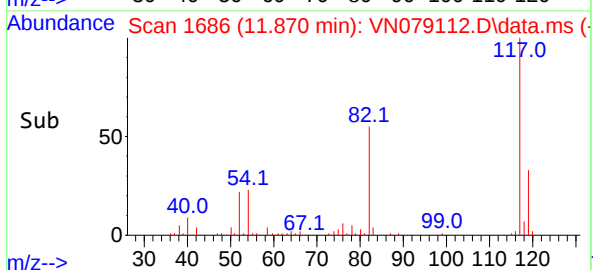
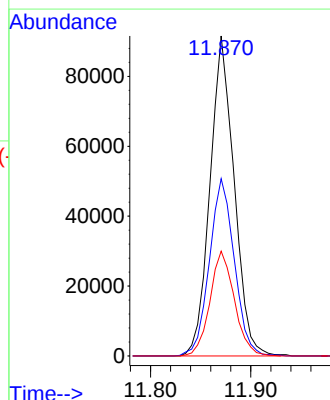
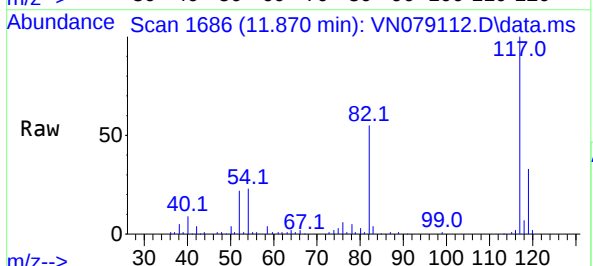
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBL01

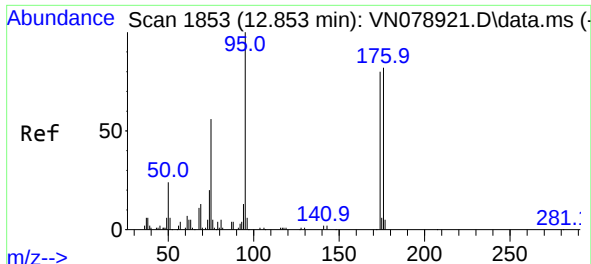
Tgt Ion:114 Resp: 186407
Ion Ratio Lower Upper
114 100
63 20.5 17.4 26.2
88 14.6 12.0 18.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079112.D
Acq: 30 Aug 2023 12:58

Tgt Ion:117 Resp: 153345
Ion Ratio Lower Upper
117 100
82 57.1 43.4 65.0
119 33.2 25.5 38.3

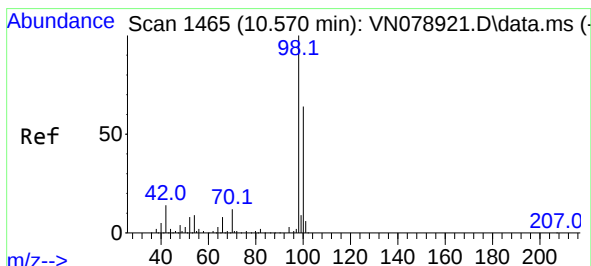
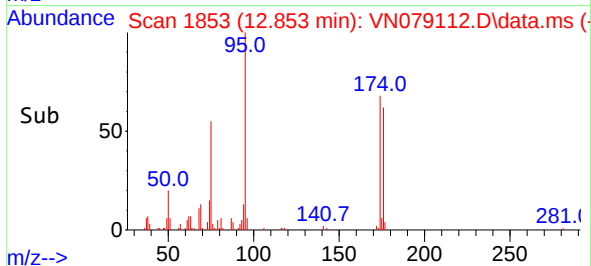
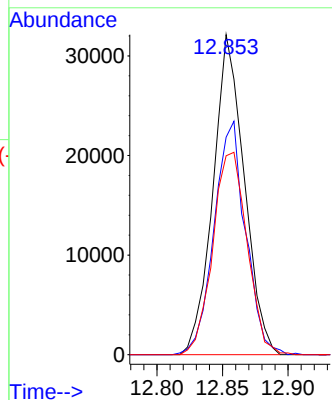
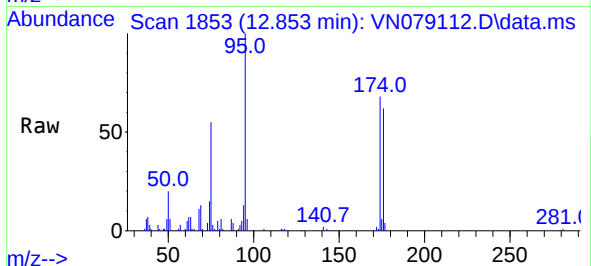




#60
4-Bromofluorobenzene
Concen: 23.776 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079112.D
Acq: 30 Aug 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBL01

Tgt Ion: 95 Resp: 53184
Ion Ratio Lower Upper
95 100
174 73.7 64.8 97.2
176 69.5 63.0 94.6



#63
Toluene-d8
Concen: 31.032 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079112.D
Acq: 30 Aug 2023 12:58

Tgt Ion: 98 Resp: 222225
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7

