

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078376.D
 Acq On : 23 Jun 2023 14:18
 Operator : JC\MD
 Sample : VN0623WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBL01

Quant Time: Jun 24 01:19:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:59:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	77664	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	427572	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	351758	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	175021	29.926	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.767%
60) 4-Bromofluorobenzene	12.859	95	112443	22.689	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	75.633%
63) Toluene-d8	10.571	98	519511	30.481	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.600%

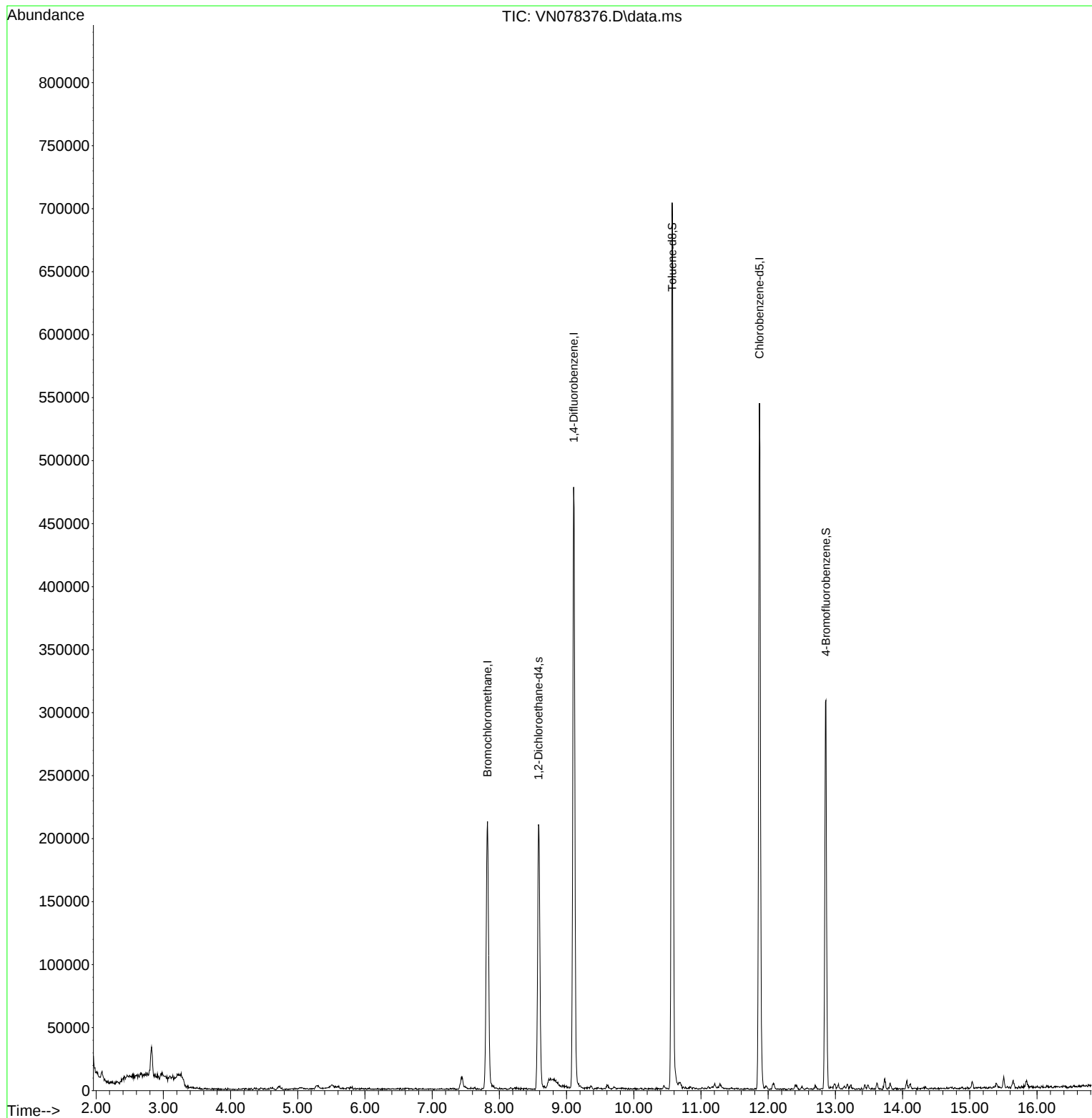
Target Compounds	Qvalue

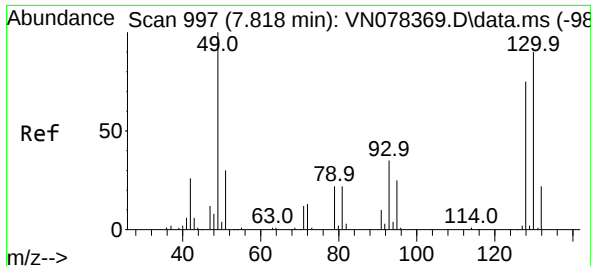
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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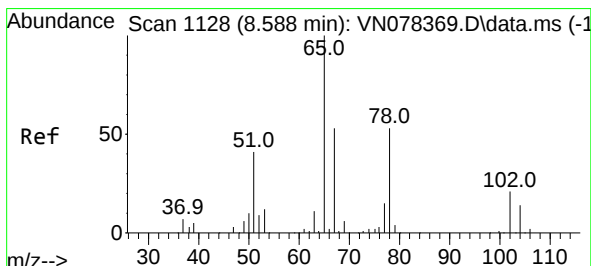
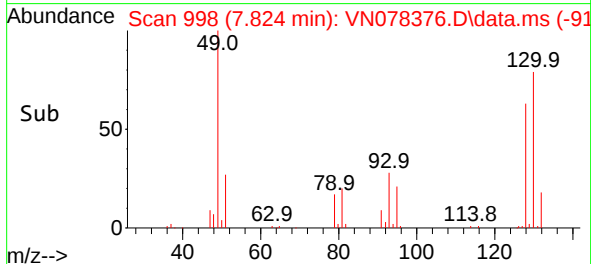
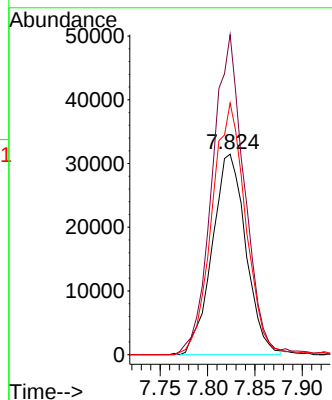
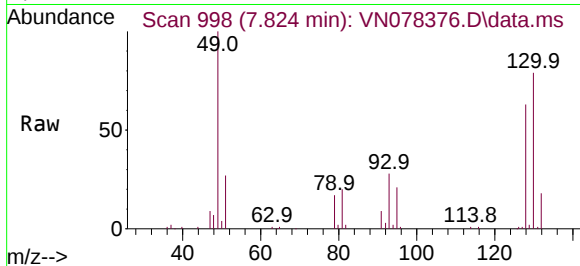




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078376.D
Acq: 23 Jun 2023 14:18

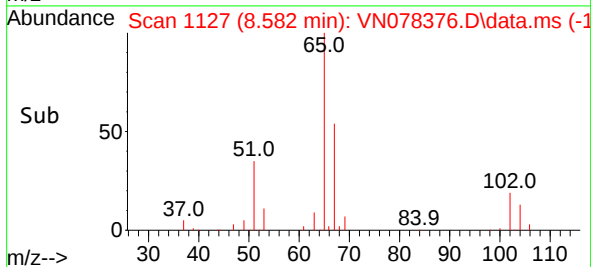
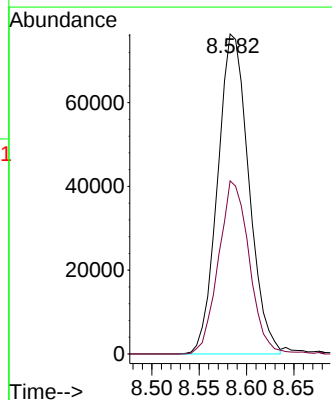
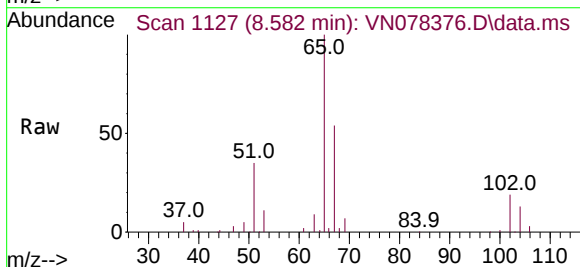
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBL01

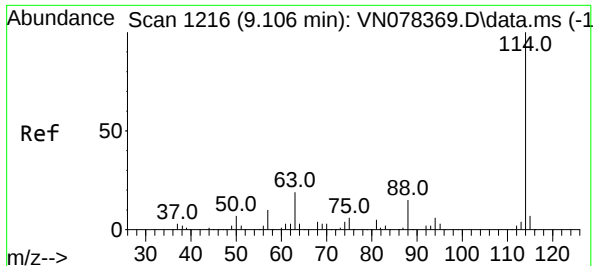
Tgt Ion:128 Resp: 77664
Ion Ratio Lower Upper
128 100
49 151.7 0.0 370.8
130 125.7 0.0 307.0



#27
1,2-Dichloroethane-d4
Concen: 29.926 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN078376.D
Acq: 23 Jun 2023 14:18

Tgt Ion: 65 Resp: 175021
Ion Ratio Lower Upper
65 100
67 53.3 42.9 64.3

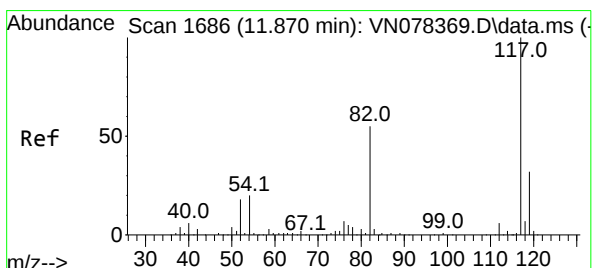
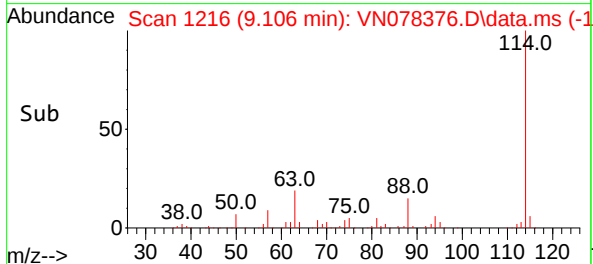
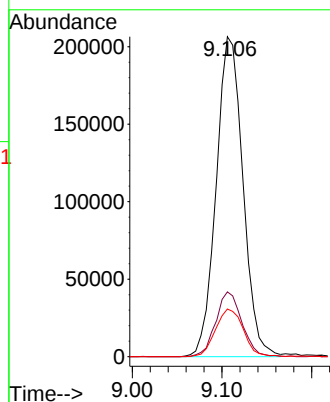
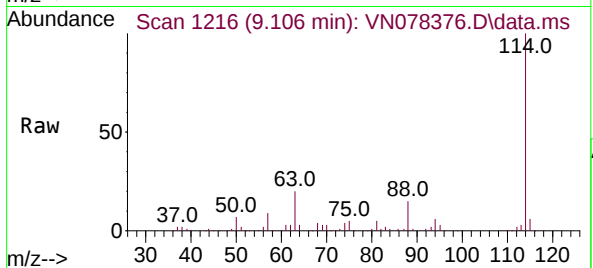




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN078376.D
Acq: 23 Jun 2023 14:18

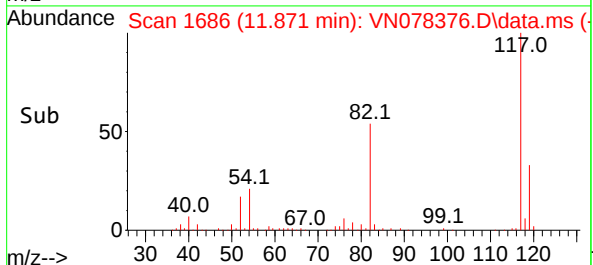
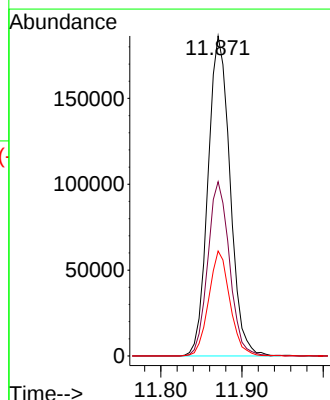
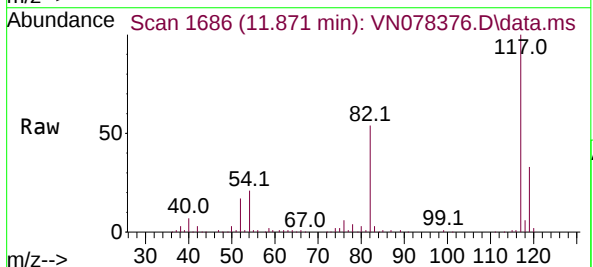
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBL01

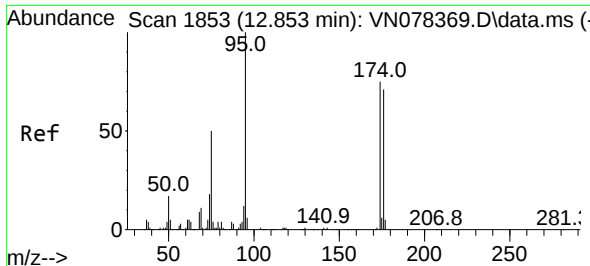
Tgt Ion:114 Resp: 427572
Ion Ratio Lower Upper
114 100
63 19.8 15.2 22.8
88 15.5 12.5 18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078376.D
Acq: 23 Jun 2023 14:18

Tgt Ion:117 Resp: 351758
Ion Ratio Lower Upper
117 100
82 53.5 43.9 65.9
119 31.5 26.2 39.4

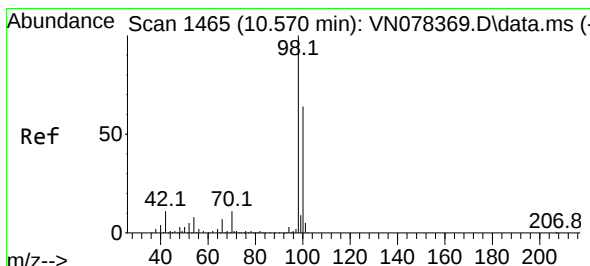
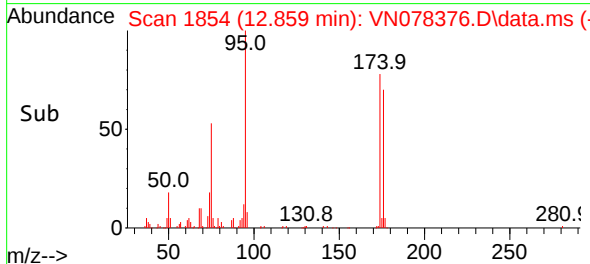
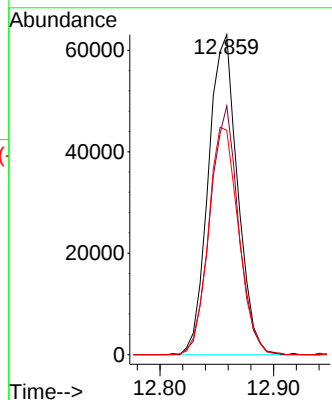
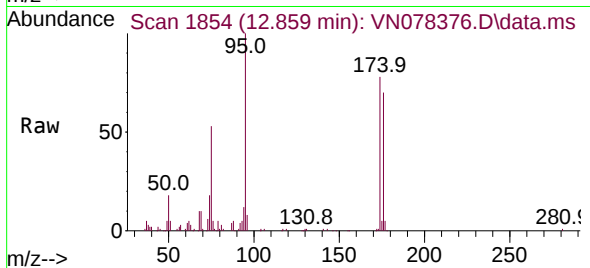




#60
4-Bromofluorobenzene
Concen: 22.689 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078376.D
Acq: 23 Jun 2023 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBL01

Tgt Ion: 95 Resp: 112443
Ion Ratio Lower Upper
95 100
174 75.8 61.7 92.5
176 73.8 58.1 87.1



#63
Toluene-d8
Concen: 30.481 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078376.D
Acq: 23 Jun 2023 14:18

Tgt Ion: 98 Resp: 519511
Ion Ratio Lower Upper
98 100
100 62.1 49.7 74.5

