

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
 Data File : VN080257.D
 Acq On : 24 Nov 2023 12:44
 Operator : JC\MD
 Sample : VN1124WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBL01

Quant Time: Nov 27 04:06:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	38918	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	207978	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	181691	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	109178	33.420	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.400%#
60) 4-Bromofluorobenzene	12.853	95	83496	28.737	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.800%
63) Toluene-d8	10.571	98	252537	29.334	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.767%

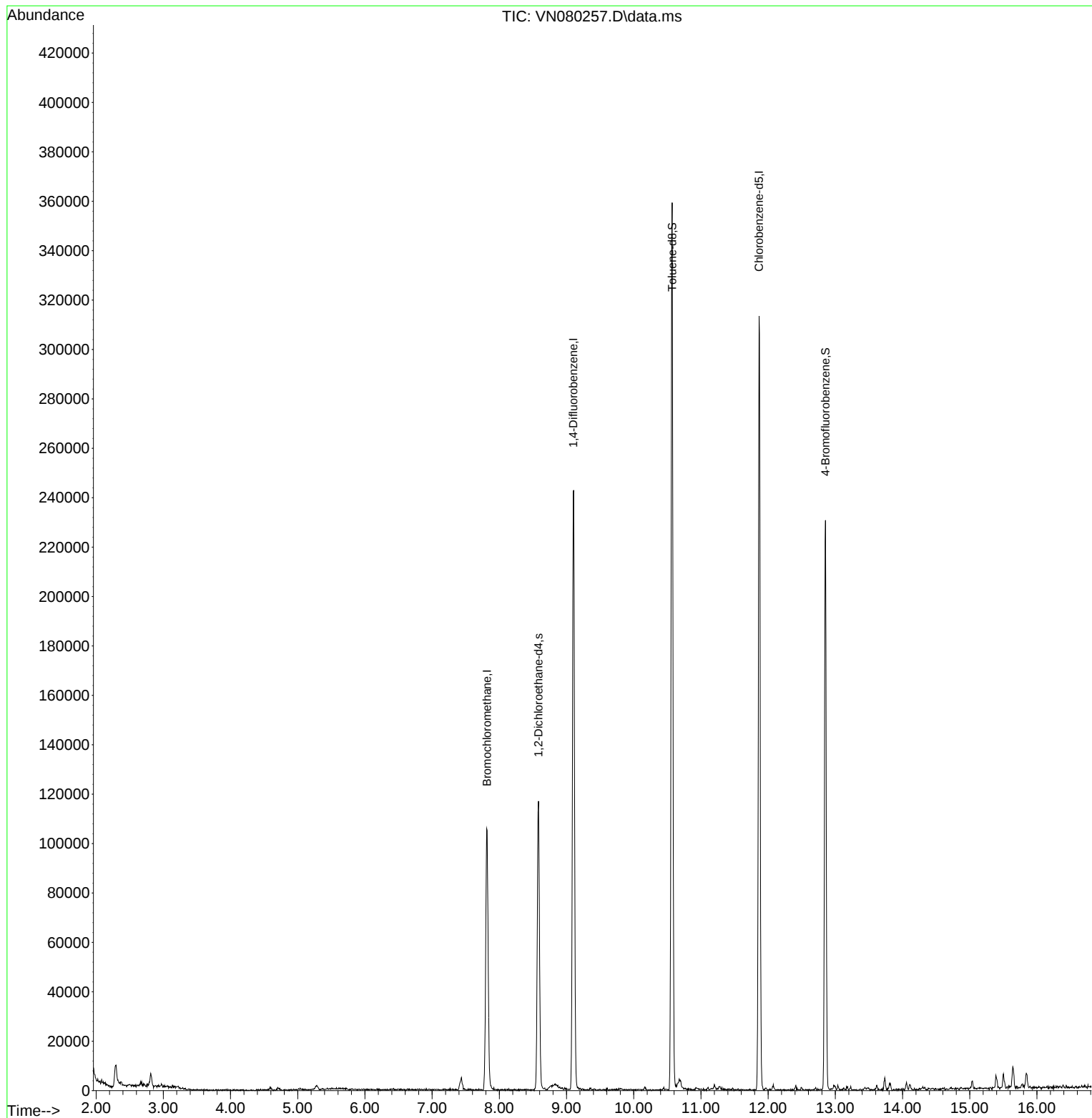
Target Compounds	Qvalue

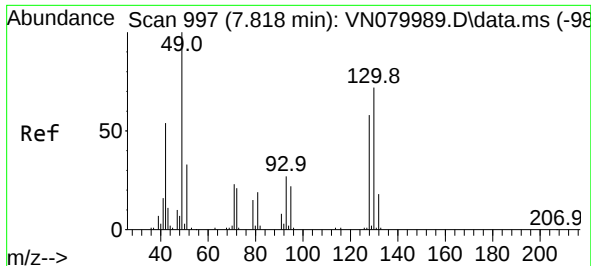
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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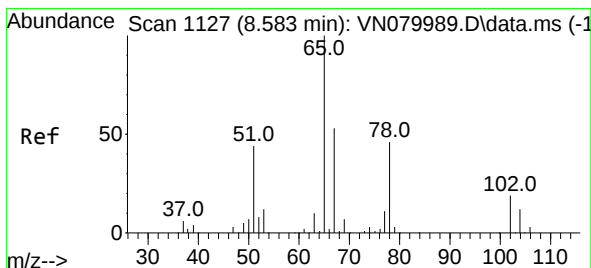
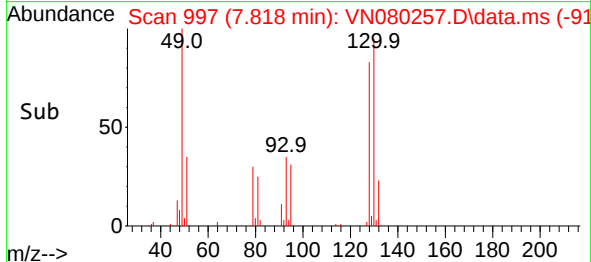
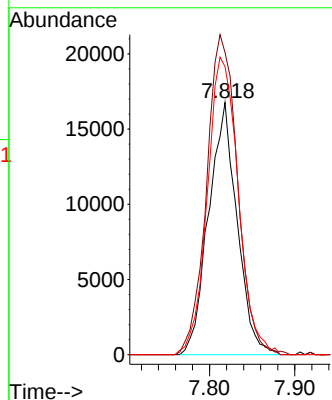
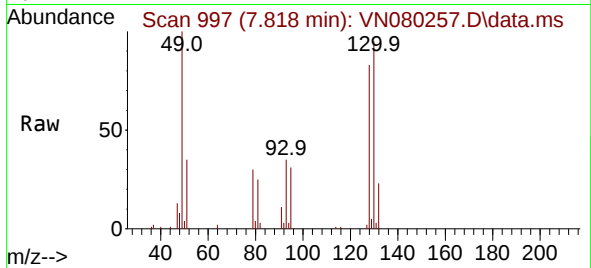




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080257.D
Acq: 24 Nov 2023 12:44

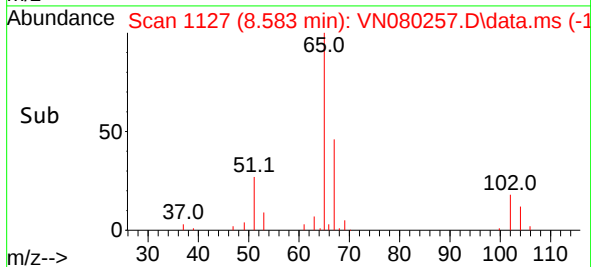
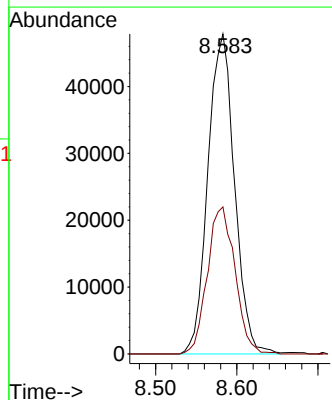
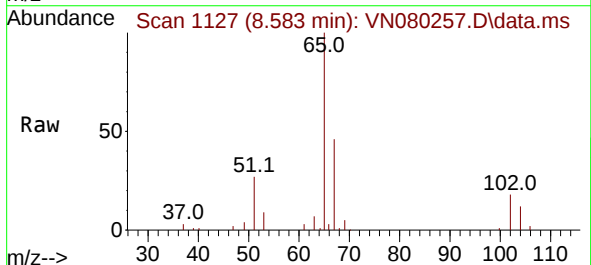
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBL01

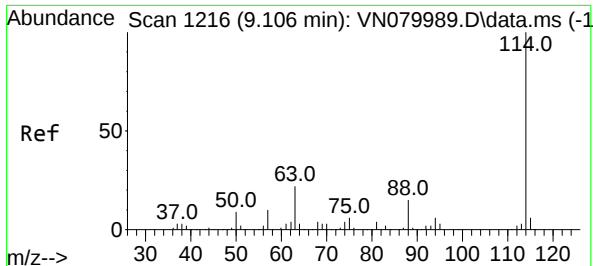
Tgt Ion:128 Resp: 38918
Ion Ratio Lower Upper
128 100
49 137.4 0.0 468.5
130 128.4 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 33.420 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN080257.D
Acq: 24 Nov 2023 12:44

Tgt Ion: 65 Resp: 109178
Ion Ratio Lower Upper
65 100
67 47.5 42.1 63.1

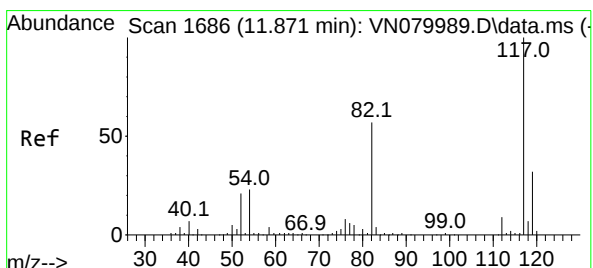
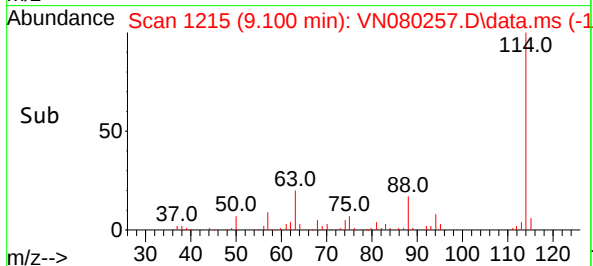
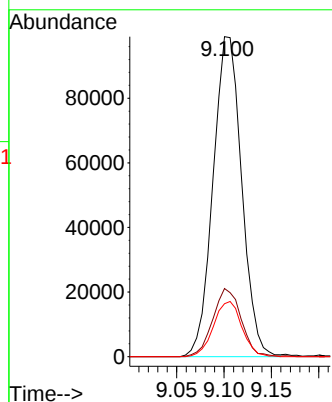
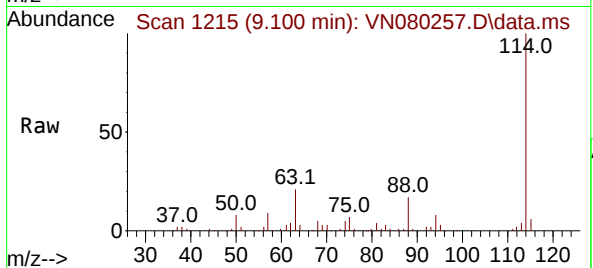




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080257.D
Acq: 24 Nov 2023 12:44

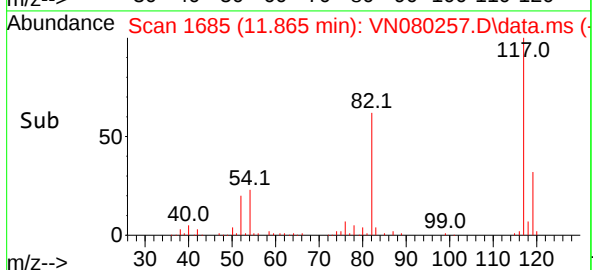
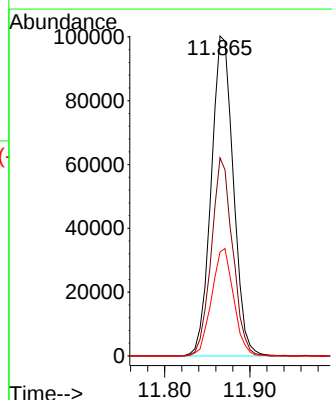
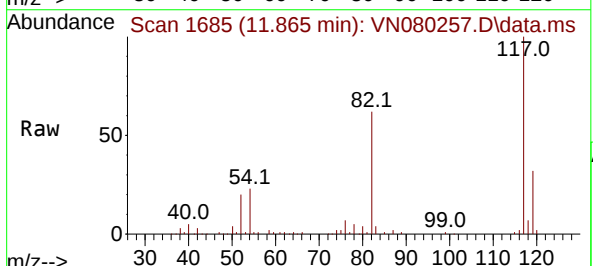
Instrument :
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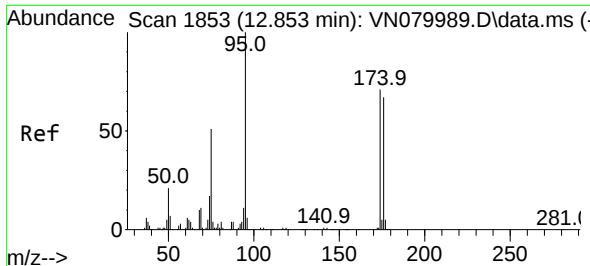
Tgt Ion:114 Resp: 207978
Ion Ratio Lower Upper
114 100
63 21.1 18.1 27.1
88 17.1 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN080257.D
Acq: 24 Nov 2023 12:44

Tgt Ion:117 Resp: 181691
Ion Ratio Lower Upper
117 100
82 59.7 46.2 69.2
119 33.4 25.2 37.8

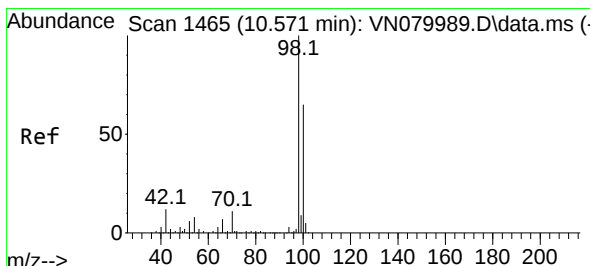
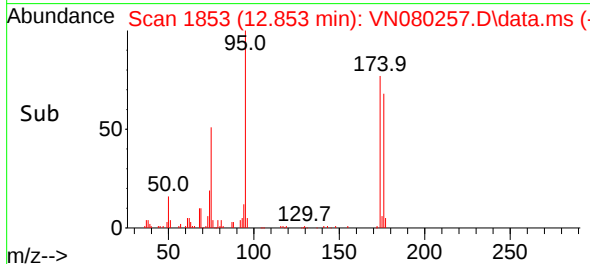
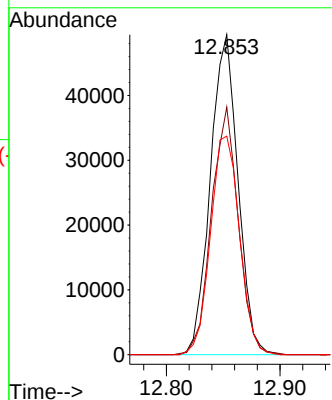
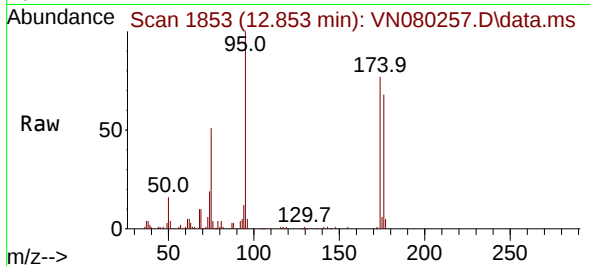




#60
4-Bromofluorobenzene
Concen: 28.737 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080257.D
Acq: 24 Nov 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBL01

Tgt Ion: 95 Resp: 83496
Ion Ratio Lower Upper
95 100
174 75.1 60.5 90.7
176 71.7 57.2 85.8



#63
Toluene-d8
Concen: 29.334 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN080257.D
Acq: 24 Nov 2023 12:44

Tgt Ion: 98 Resp: 252537
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4

