

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079179.D
 Acq On : 07 Sep 2023 17:07
 Operator : JC\MD
 Sample : VN0907WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBL01

Quant Time: Sep 08 05:43:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	19435	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	99606	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	125010	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	48697	33.350	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.167%#
60) 4-Bromofluorobenzene	12.853	95	43489	23.610	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.700%
63) Toluene-d8	10.577	98	170063	29.110	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.033%

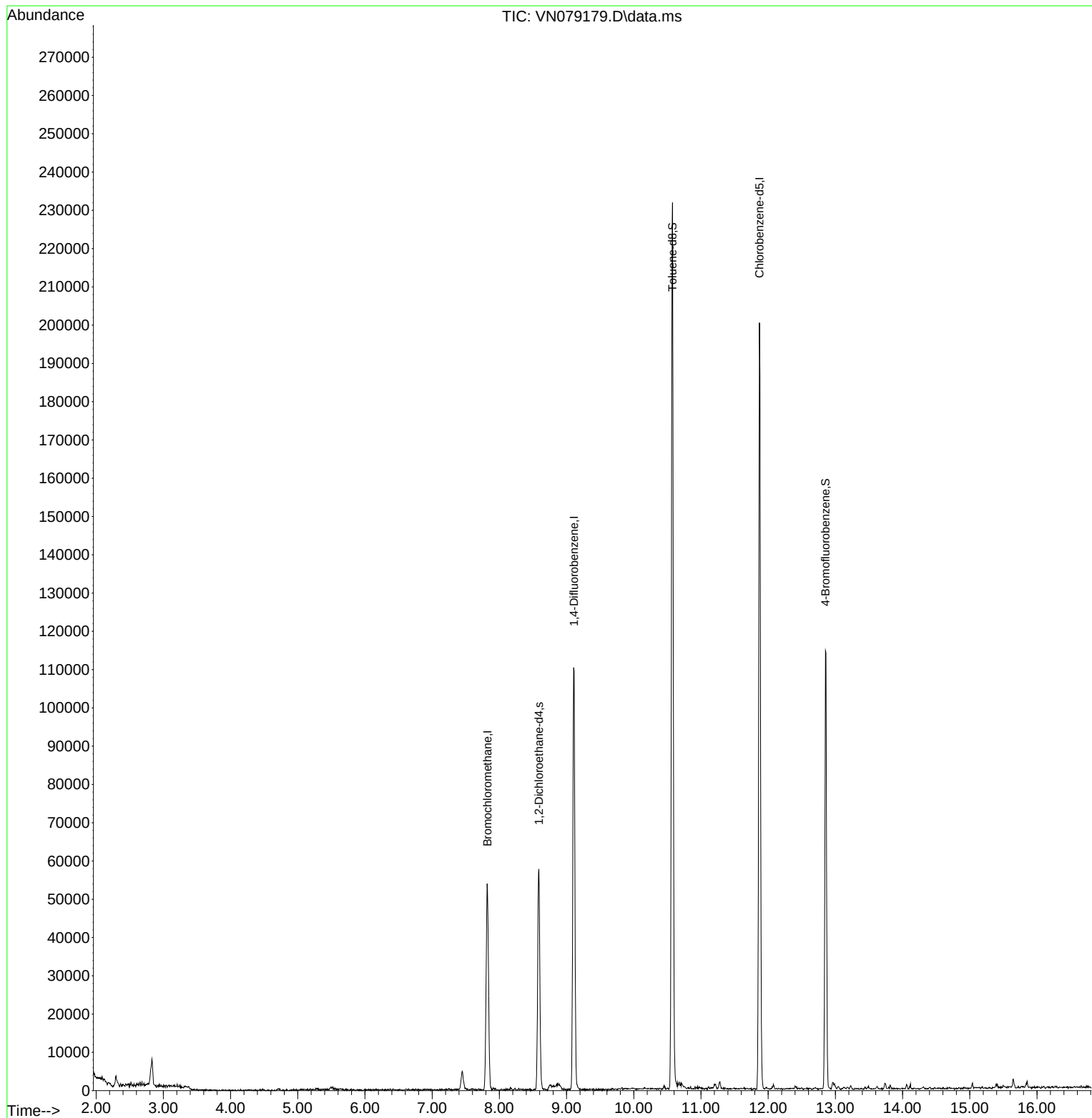
Target Compounds	Qvalue

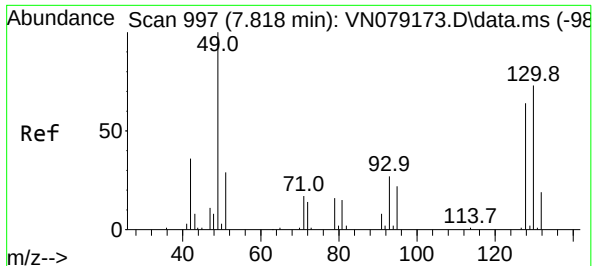
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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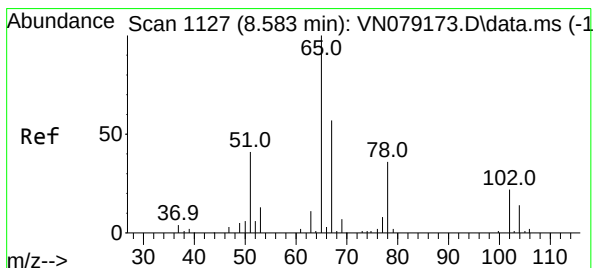
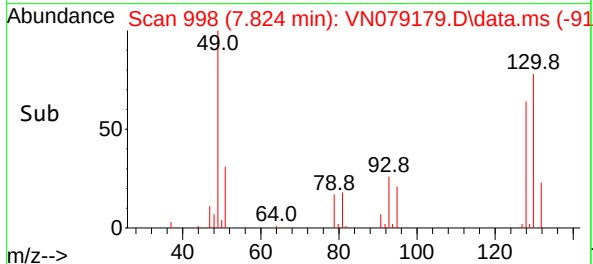
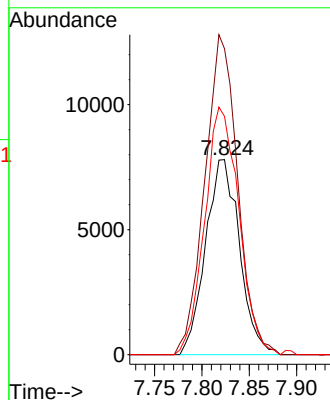
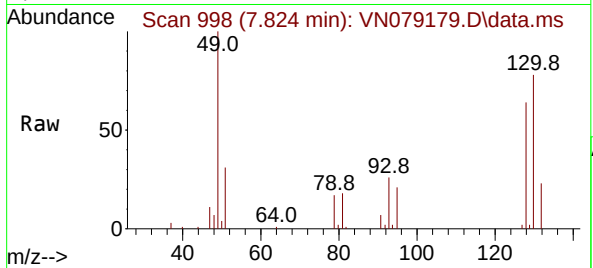




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN079179.D
Acq: 07 Sep 2023 17:07

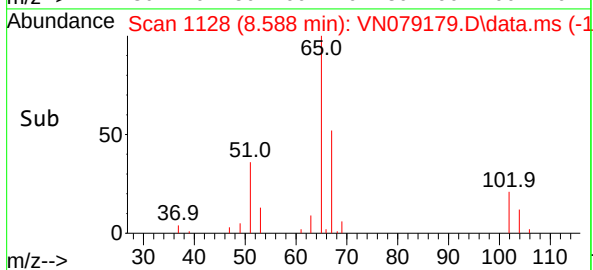
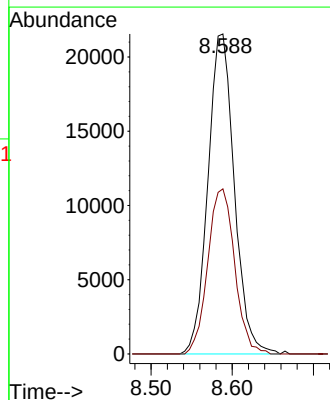
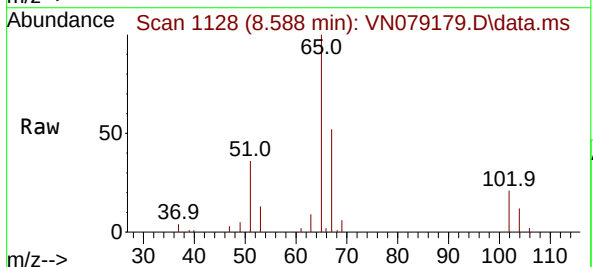
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL01

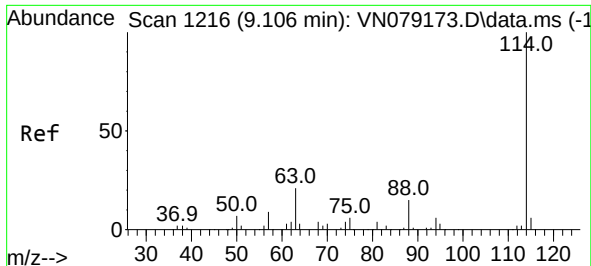
Tgt Ion:128 Resp: 19435
Ion Ratio Lower Upper
128 100
49 158.9 0.0 414.3
130 128.4 0.0 311.0



#27
1,2-Dichloroethane-d4
Concen: 33.350 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079179.D
Acq: 07 Sep 2023 17:07

Tgt Ion: 65 Resp: 48697
Ion Ratio Lower Upper
65 100
67 52.6 44.4 66.6

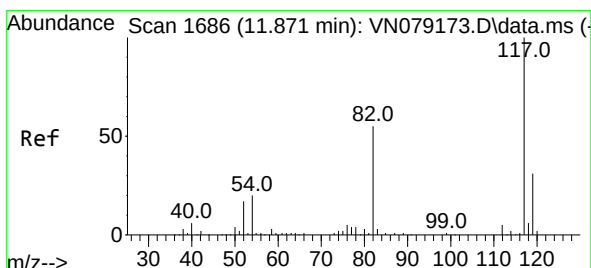
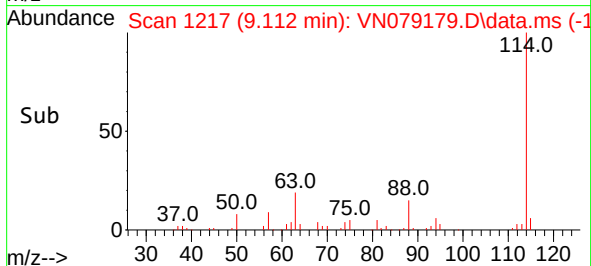
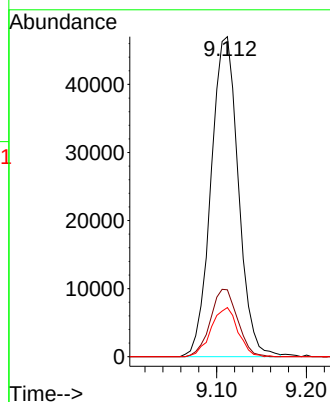
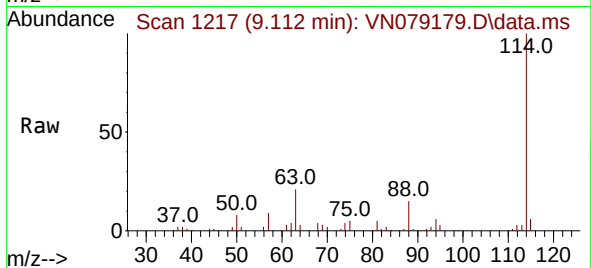




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079179.D
Acq: 07 Sep 2023 17:07

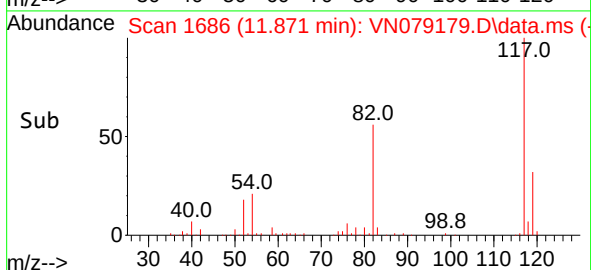
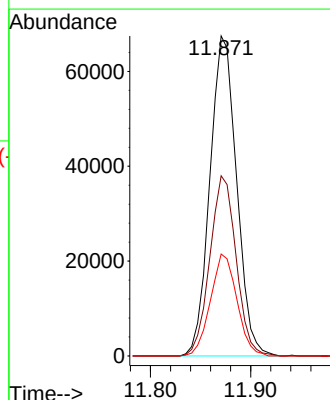
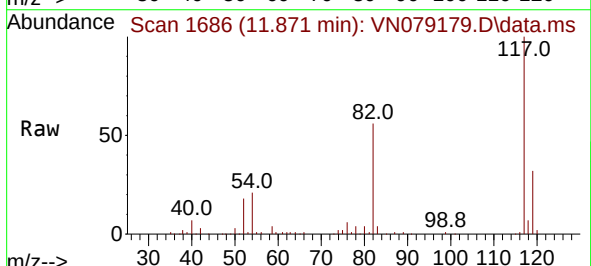
Instrument :
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ClientSampleId :
VN0907WBL01

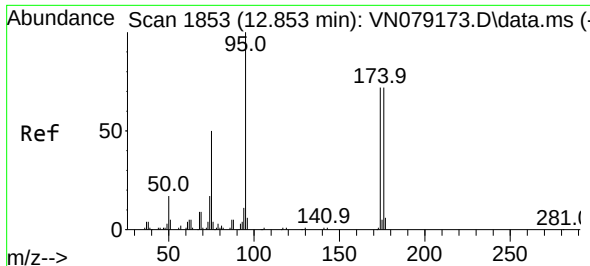
Tgt Ion:114 Resp: 99606
Ion Ratio Lower Upper
114 100
63 20.9 17.0 25.4
88 15.0 12.8 19.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079179.D
Acq: 07 Sep 2023 17:07

Tgt Ion:117 Resp: 125010
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 31.5 24.9 37.3

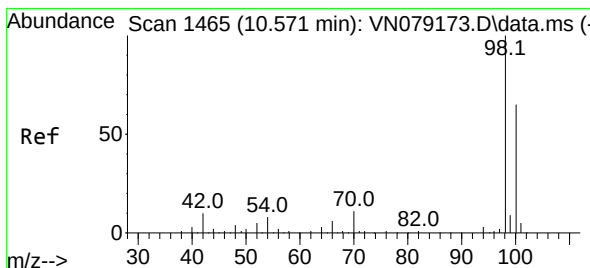
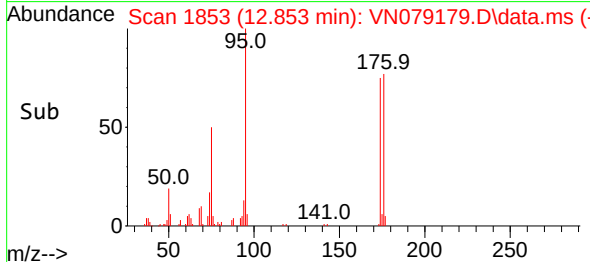
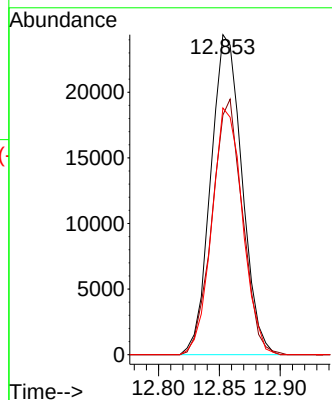
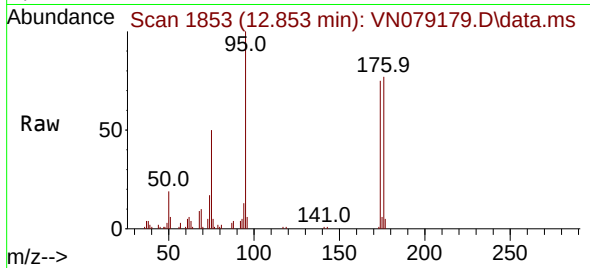




#60
4-Bromofluorobenzene
Concen: 23.610 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079179.D
Acq: 07 Sep 2023 17:07

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL01

Tgt Ion: 95 Resp: 43489
Ion Ratio Lower Upper
95 100
174 77.7 59.5 89.3
176 75.9 59.1 88.7



#63
Toluene-d8
Concen: 29.110 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN079179.D
Acq: 07 Sep 2023 17:07

Tgt Ion: 98 Resp: 170063
Ion Ratio Lower Upper
98 100
100 63.8 52.5 78.7

