

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079199.D
 Acq On : 08 Sep 2023 15:53
 Operator : JC\MD
 Sample : 04299-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01

Quant Time: Sep 08 23:16:54 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	18544	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	90582	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.876	117	80904	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	43129	30.956	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.200%
60) 4-Bromofluorobenzene	12.853	95	27645	23.191	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.300%
63) Toluene-d8	10.570	98	110233	29.155	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.167%

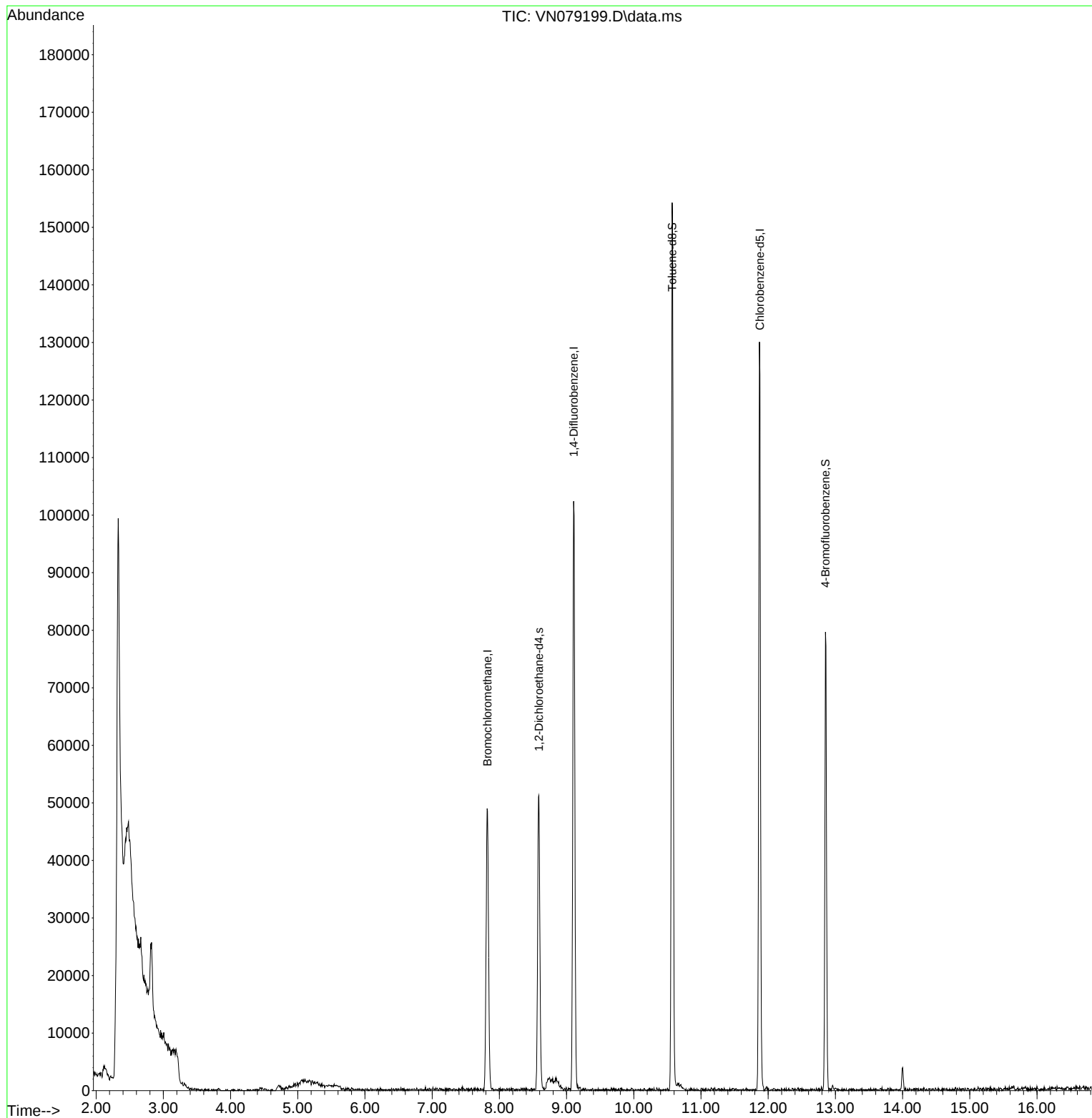
Target Compounds	Qvalue

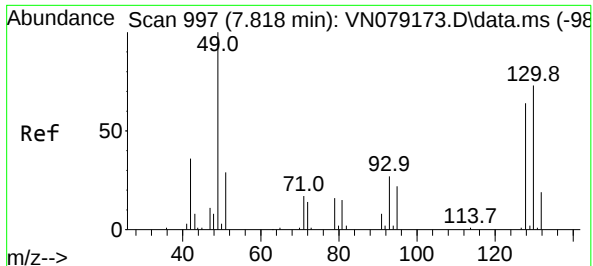
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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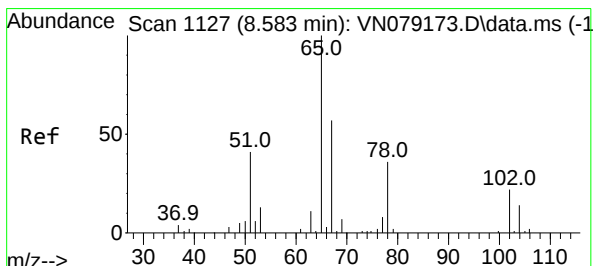
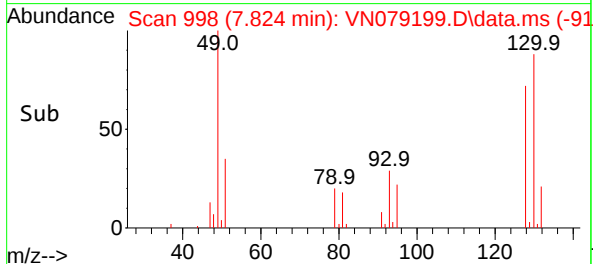
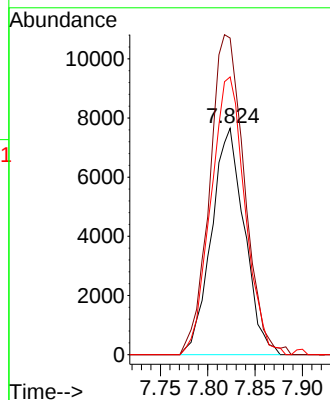
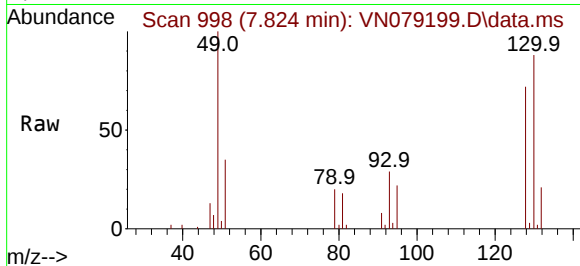




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN079199.D
Acq: 08 Sep 2023 15:53

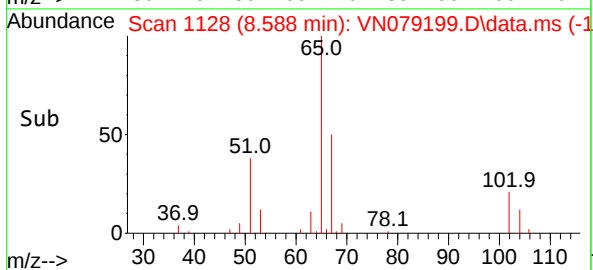
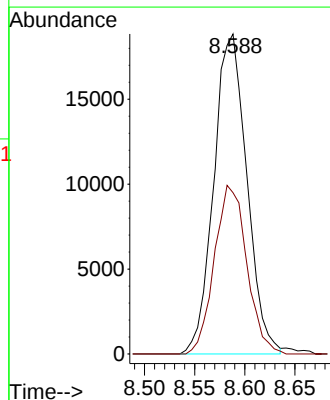
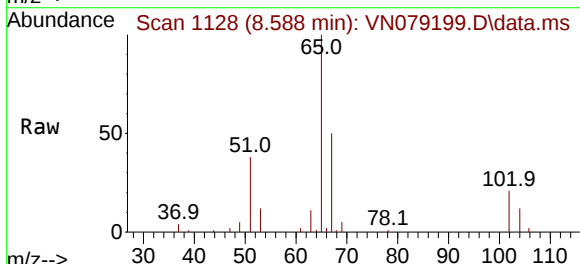
Instrument :
MSVOA_N
ClientSampleId :
MW-01

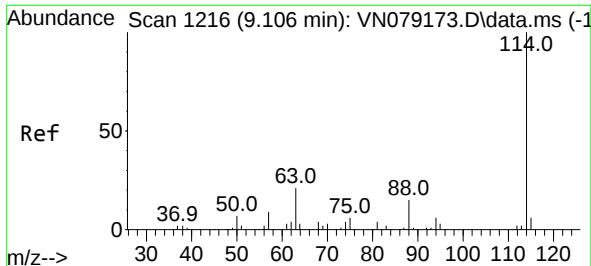
Tgt Ion:	128	Resp:	18544
Ion	Ratio	Lower	Upper
128	100		
49	148.6	0.0	414.3
130	127.1	0.0	311.0



#27
1,2-Dichloroethane-d4
Concen: 30.956 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079199.D
Acq: 08 Sep 2023 15:53

Tgt Ion:	65	Resp:	43129
Ion	Ratio	Lower	Upper
65	100		
67	51.6	44.4	66.6

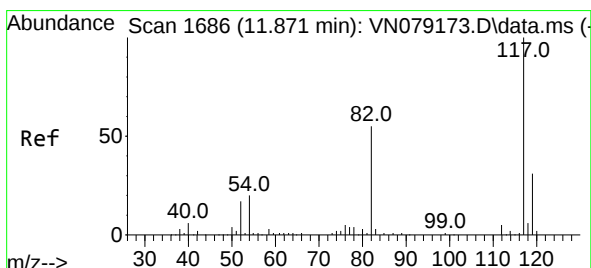
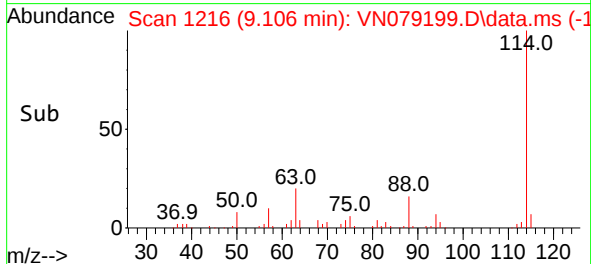
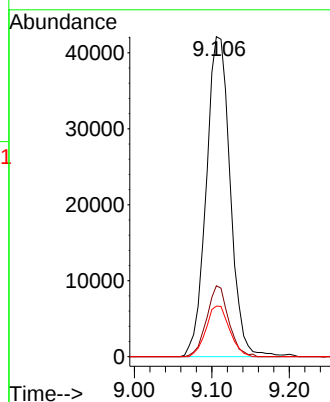
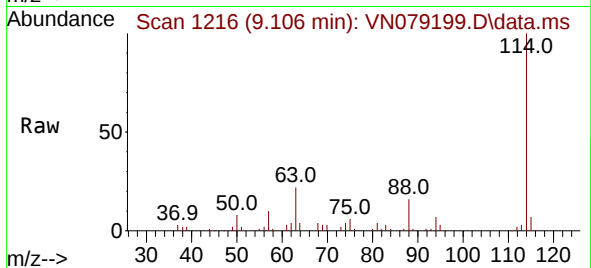




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079199.D
Acq: 08 Sep 2023 15:53

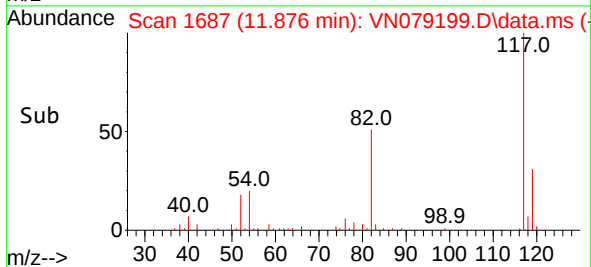
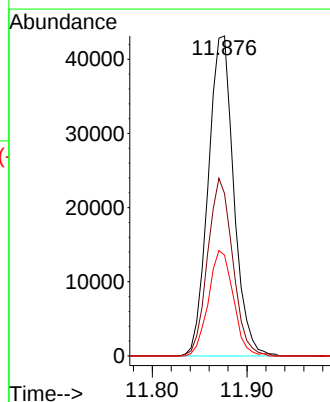
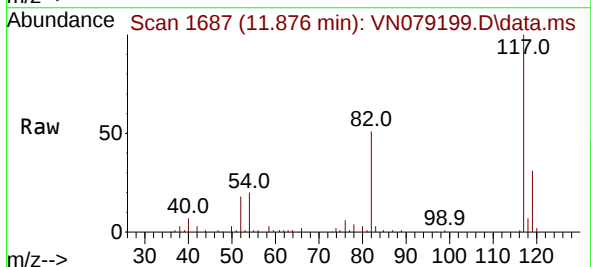
Instrument :
MSVOA_N
ClientSampleId :
MW-01

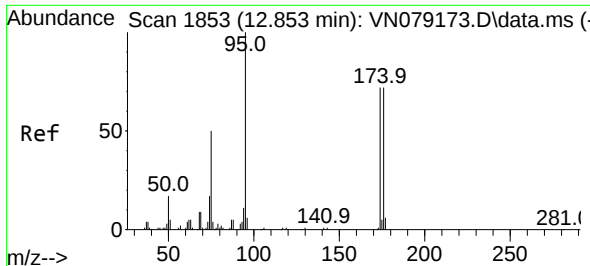
Tgt Ion:114 Resp: 90582
Ion Ratio Lower Upper
114 100
63 20.3 17.0 25.4
88 15.5 12.8 19.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.005 min
Lab File: VN079199.D
Acq: 08 Sep 2023 15:53

Tgt Ion:117 Resp: 80904
Ion Ratio Lower Upper
117 100
82 54.5 44.7 67.1
119 32.1 24.9 37.3

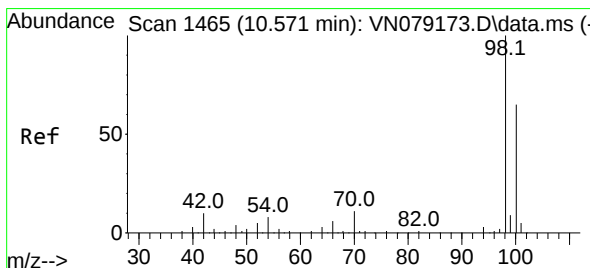
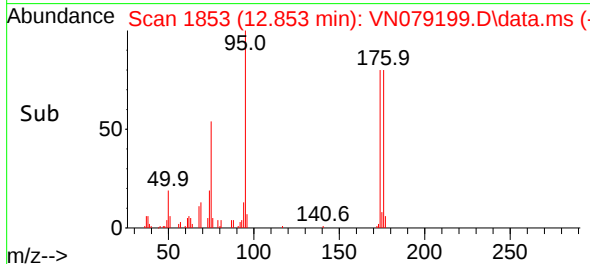
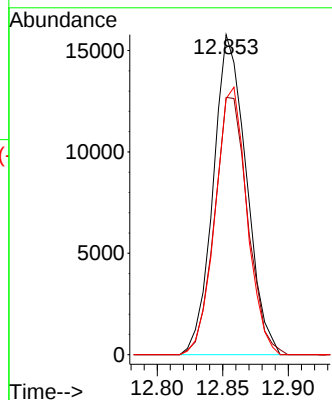
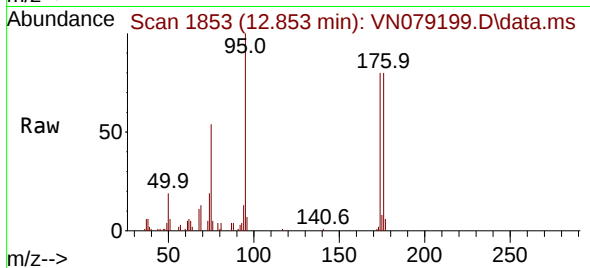




#60
4-Bromofluorobenzene
Concen: 23.191 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079199.D
Acq: 08 Sep 2023 15:53

Instrument :
MSVOA_N
ClientSampleId :
MW-01

Tgt Ion: 95 Resp: 27645
Ion Ratio Lower Upper
95 100
174 80.9 59.5 89.3
176 80.0 59.1 88.7



#63
Toluene-d8
Concen: 29.155 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079199.D
Acq: 08 Sep 2023 15:53

Tgt Ion: 98 Resp: 110233
Ion Ratio Lower Upper
98 100
100 63.5 52.5 78.7

