

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079205.D
 Acq On : 08 Sep 2023 18:19
 Operator : JC\MD
 Sample : 04299-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01

Quant Time: Sep 08 23:18:51 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	7.818	128	18328	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	91861	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	81226	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	44280	32.157	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.200%
60) 4-Bromofluorobenzene	12.853	95	26331	22.001	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	73.333%
63) Toluene-d8	10.571	98	111040	29.252	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.500%

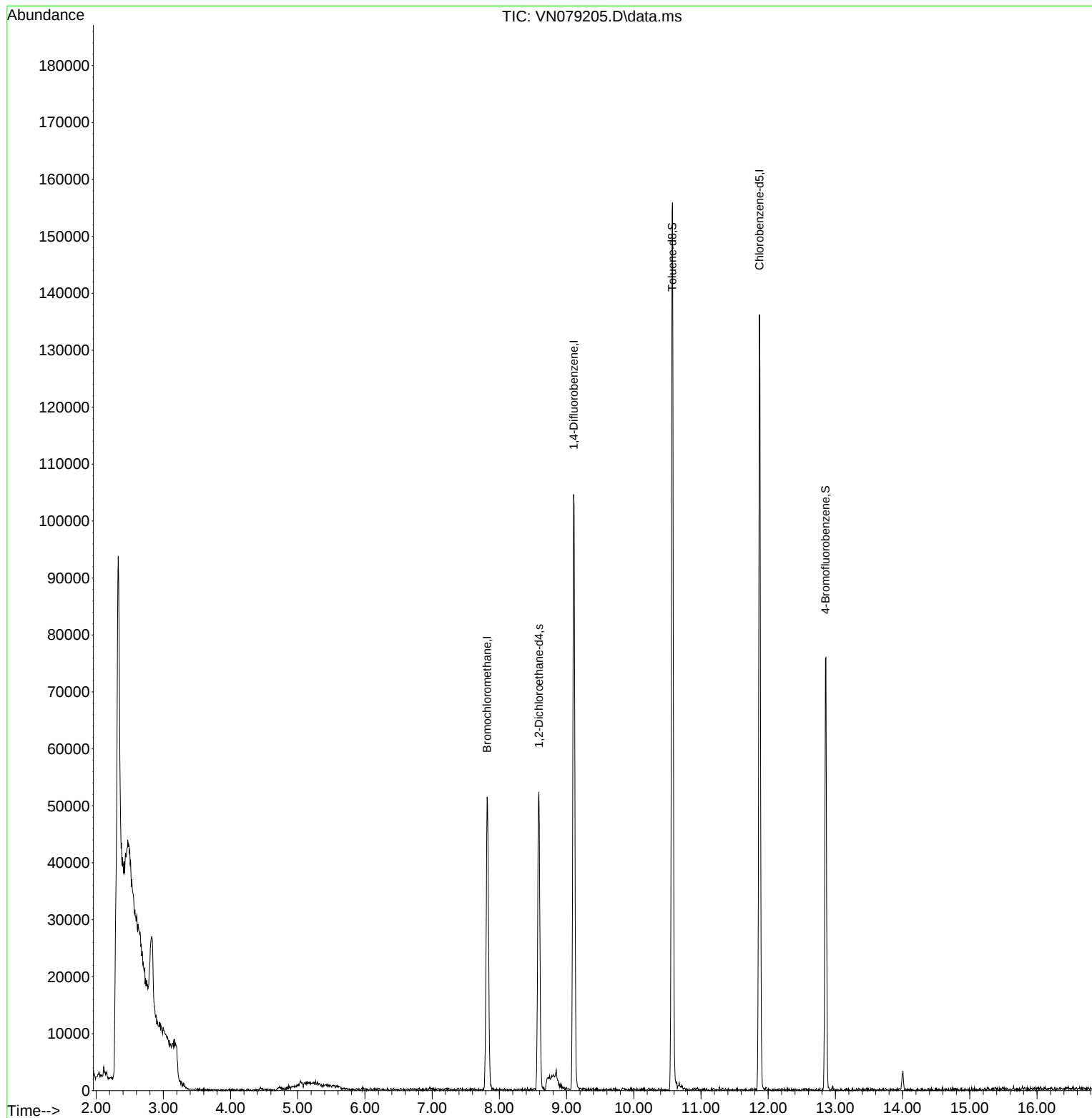
Target Compounds	Qvalue

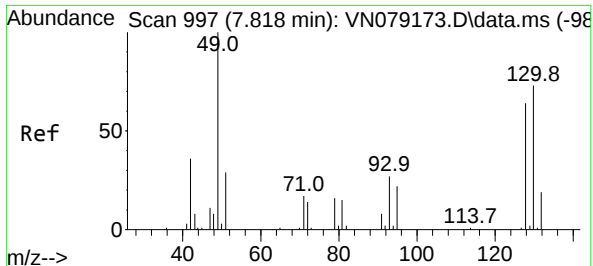
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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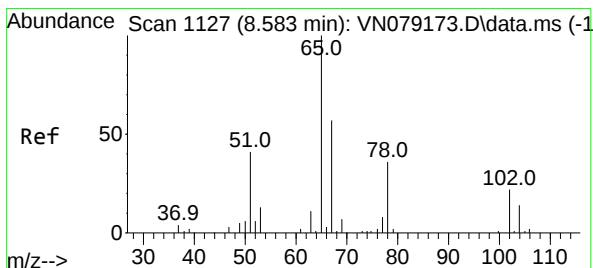
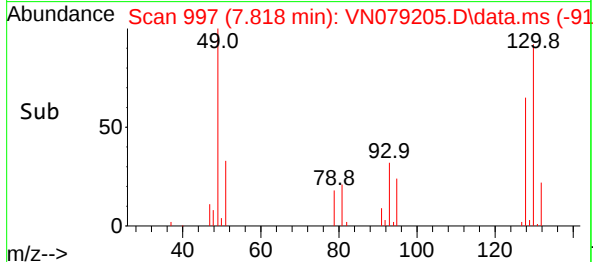
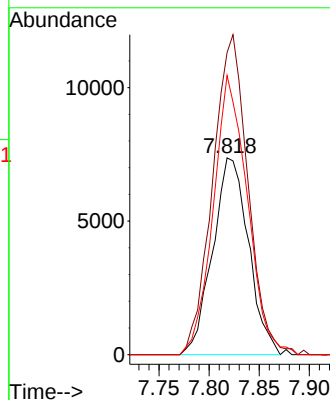
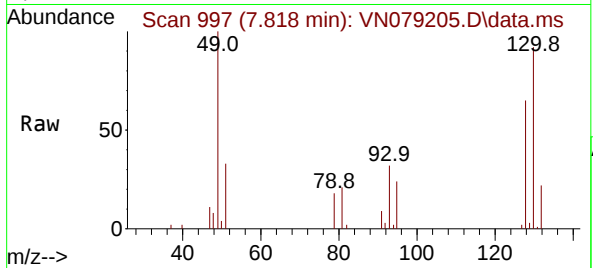




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079205.D
Acq: 08 Sep 2023 18:19

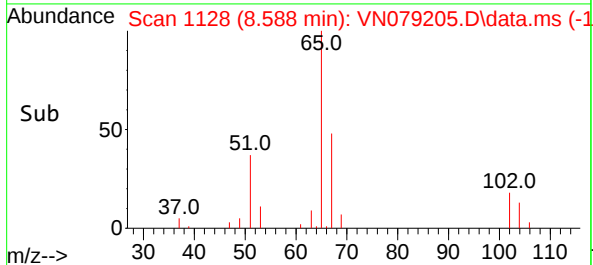
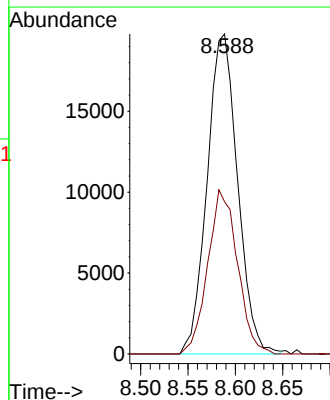
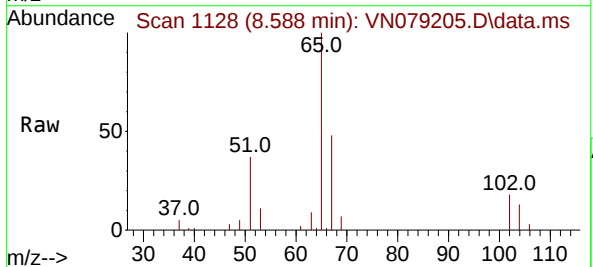
Instrument :
MSVOA_N
ClientSampleId :
MW-01

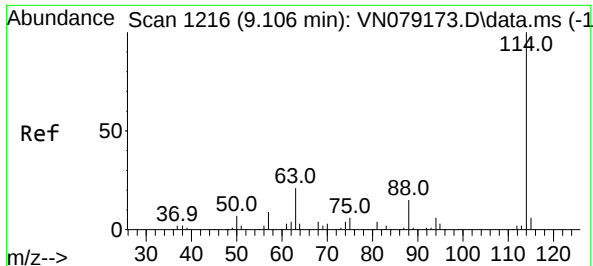
Tgt Ion:128 Resp: 18328
Ion Ratio Lower Upper
128 100
49 159.5 0.0 414.3
130 135.3 0.0 311.0



#27
1,2-Dichloroethane-d4
Concen: 32.157 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079205.D
Acq: 08 Sep 2023 18:19

Tgt Ion: 65 Resp: 44280
Ion Ratio Lower Upper
65 100
67 50.0 44.4 66.6

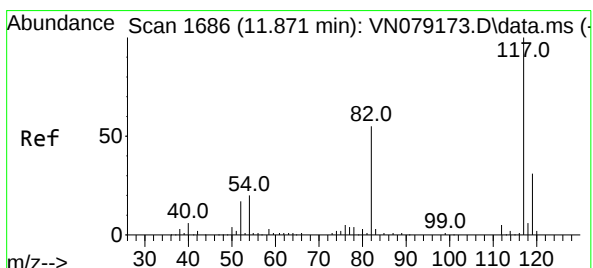
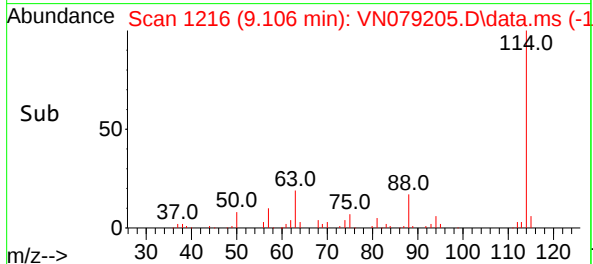
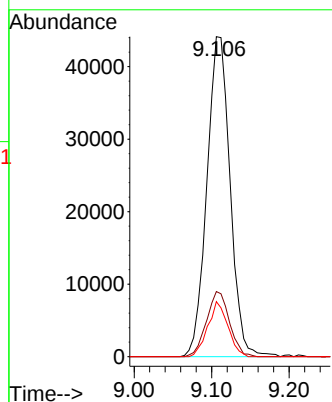
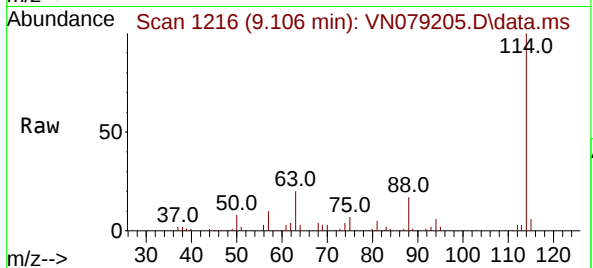




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079205.D
Acq: 08 Sep 2023 18:19

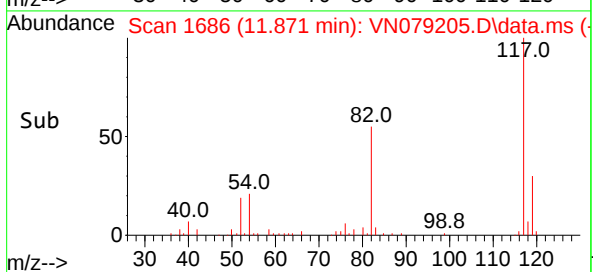
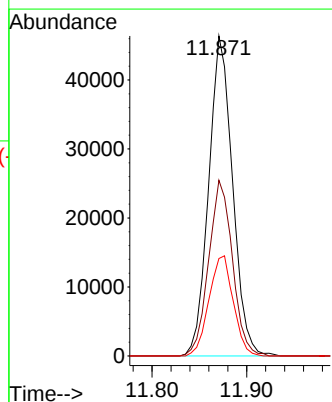
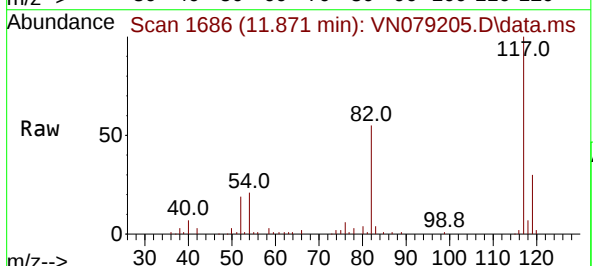
Instrument :
MSVOA_N
ClientSampleId :
MW-01

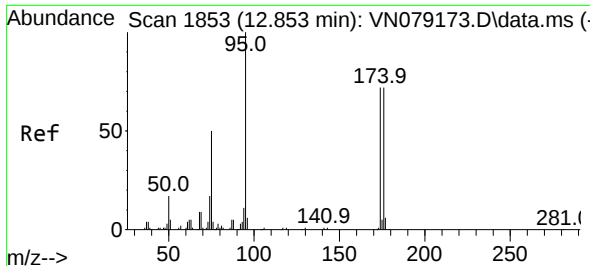
Tgt Ion:114	Resp:	91861
Ion Ratio	Lower	Upper
114	100	
63	20.1	17.0 25.4
88	14.9	12.8 19.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079205.D
Acq: 08 Sep 2023 18:19

Tgt Ion:117	Resp:	81226
Ion Ratio	Lower	Upper
117	100	
82	54.7	44.7 67.1
119	31.8	24.9 37.3

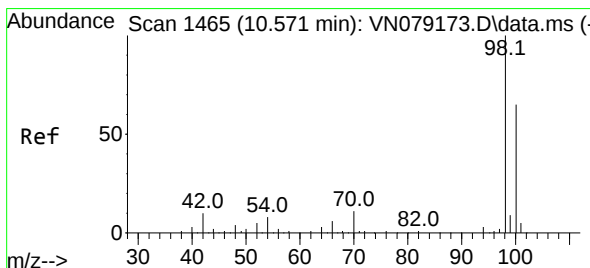
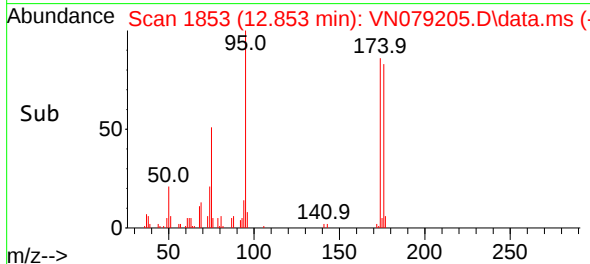
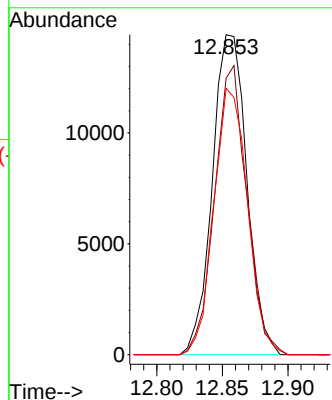
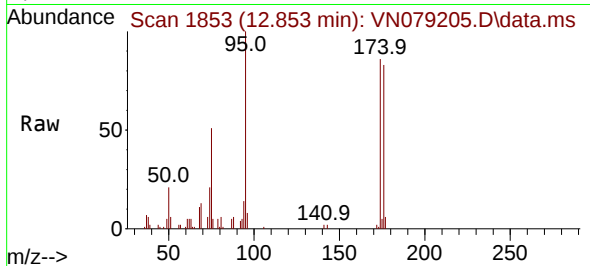




#60
4-Bromofluorobenzene
Concen: 22.001 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079205.D
Acq: 08 Sep 2023 18:19

Instrument :
MSVOA_N
ClientSampleId :
MW-01

Tgt Ion: 95 Resp: 26331
Ion Ratio Lower Upper
95 100
174 85.0 59.5 89.3
176 81.5 59.1 88.7



#63
Toluene-d8
Concen: 29.252 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079205.D
Acq: 08 Sep 2023 18:19

Tgt Ion: 98 Resp: 111040
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

