

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079180.D
 Acq On : 07 Sep 2023 17:31
 Operator : JC\MD
 Sample : VN0907WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBL02

Quant Time: Sep 08 05:44:12 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	28135	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	117254	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	127701	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	64441	30.486	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.633%
60) 4-Bromofluorobenzene	12.859	95	45840	24.362	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.200%
63) Toluene-d8	10.576	98	181705	30.447	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.500%

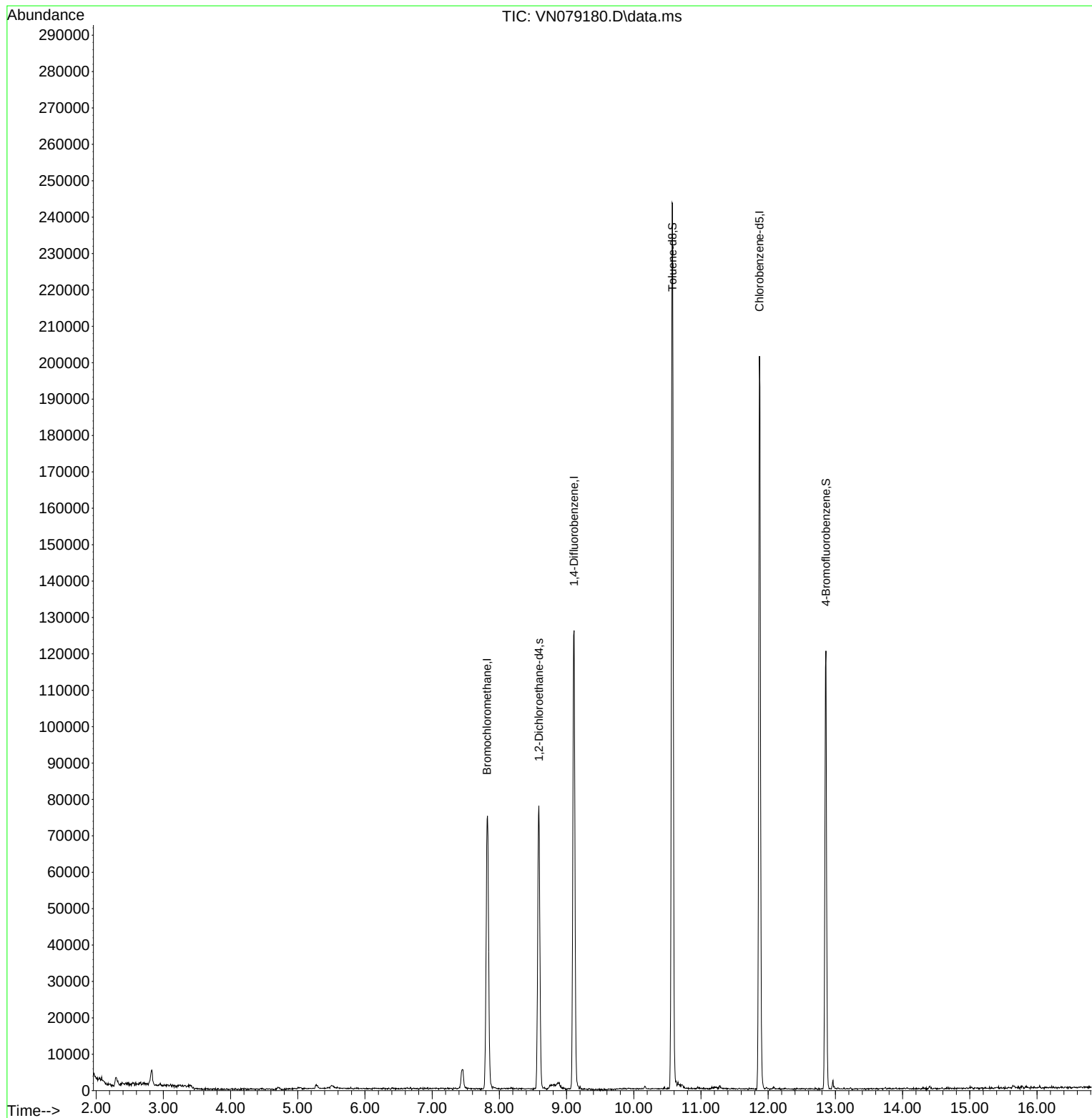
Target Compounds	Qvalue

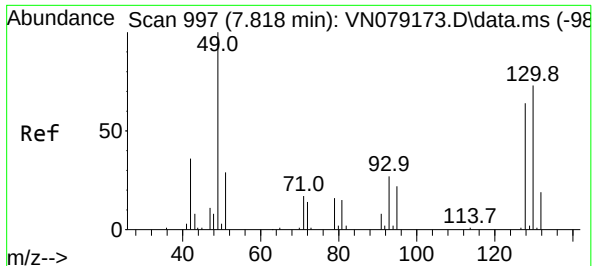
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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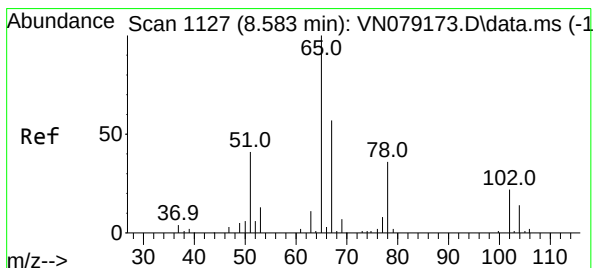
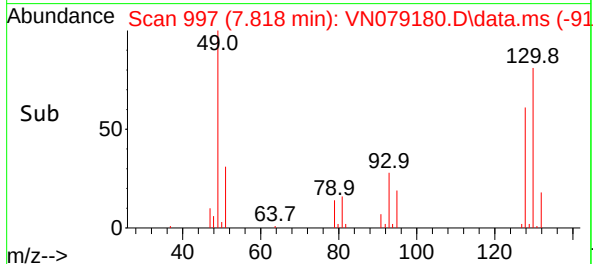
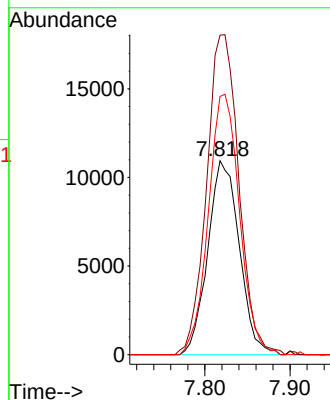
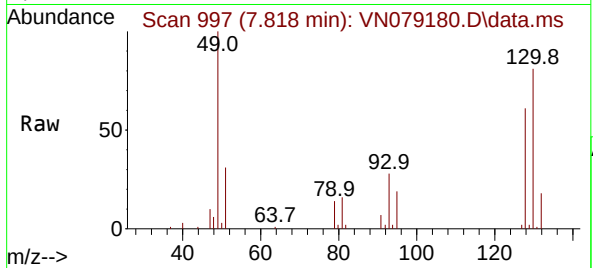




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079180.D
Acq: 07 Sep 2023 17:31

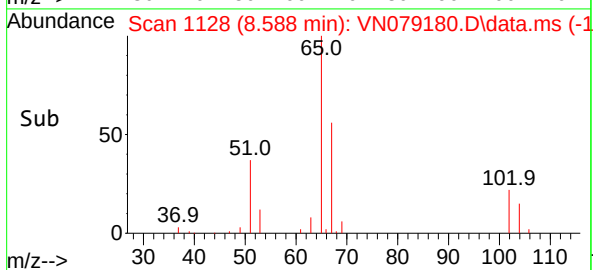
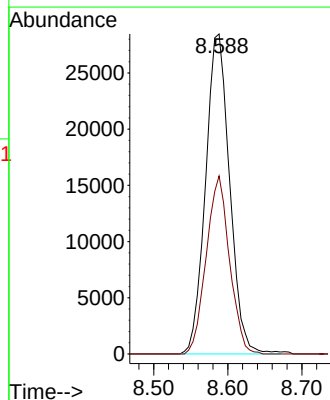
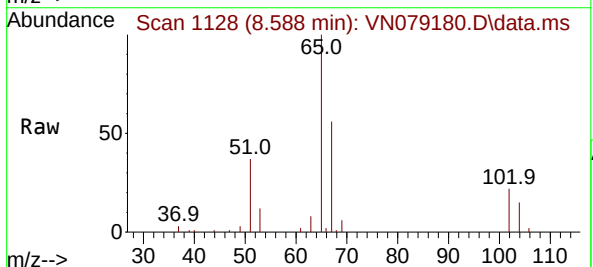
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL02

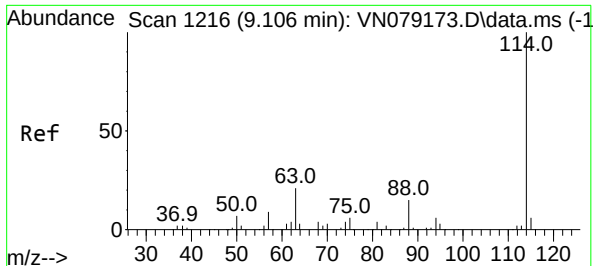
Tgt Ion:	128	Resp:	28135
Ion	Ratio	Lower	Upper
128	100		
49	168.6	0.0	414.3
130	133.1	0.0	311.0



#27
1,2-Dichloroethane-d4
Concen: 30.486 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079180.D
Acq: 07 Sep 2023 17:31

Tgt Ion:	65	Resp:	64441
Ion	Ratio	Lower	Upper
65	100		
67	53.5	44.4	66.6

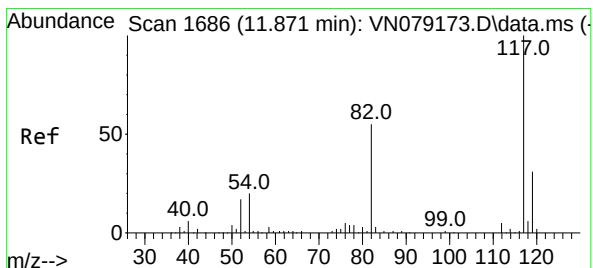
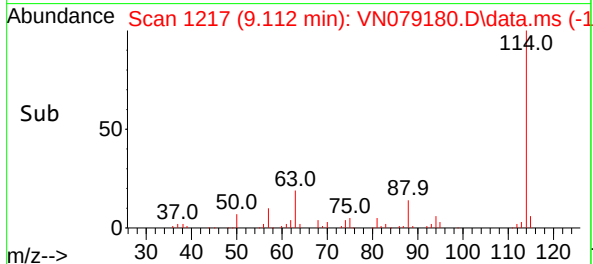
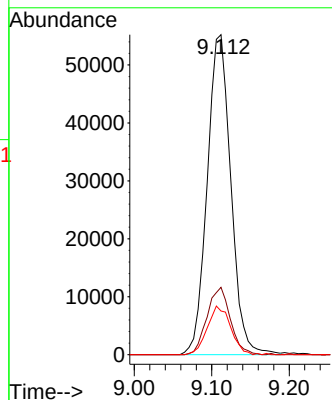
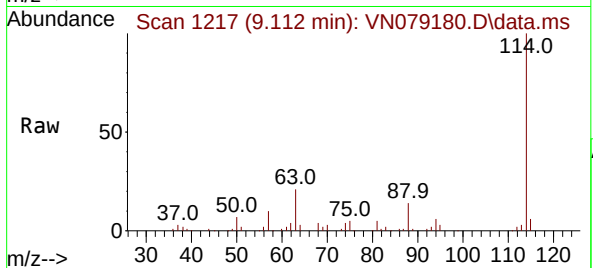




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079180.D
Acq: 07 Sep 2023 17:31

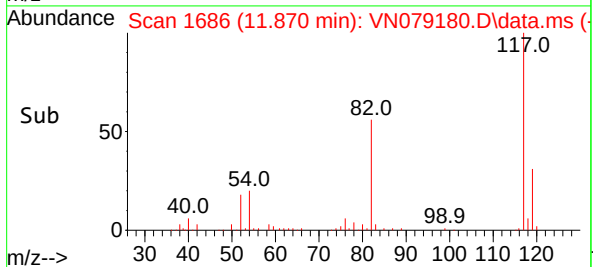
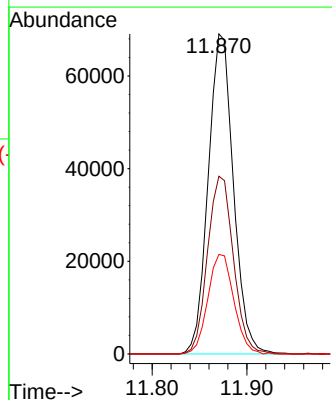
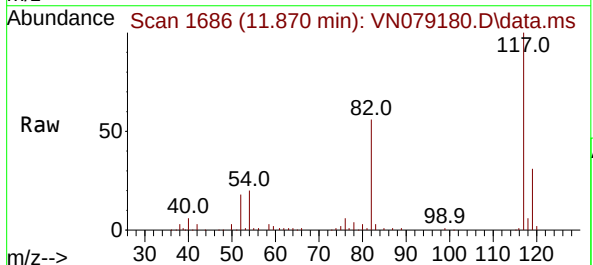
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL02

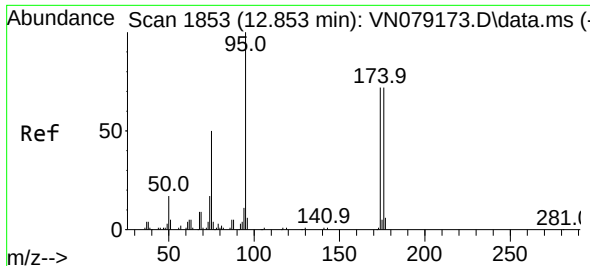
Tgt Ion:114 Resp: 117254
Ion Ratio Lower Upper
114 100
63 20.7 17.0 25.4
88 15.0 12.8 19.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079180.D
Acq: 07 Sep 2023 17:31

Tgt Ion:117 Resp: 127701
Ion Ratio Lower Upper
117 100
82 57.1 44.7 67.1
119 32.0 24.9 37.3

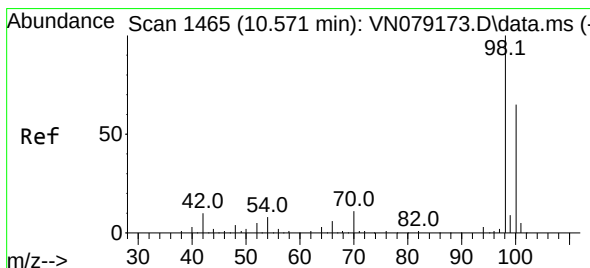
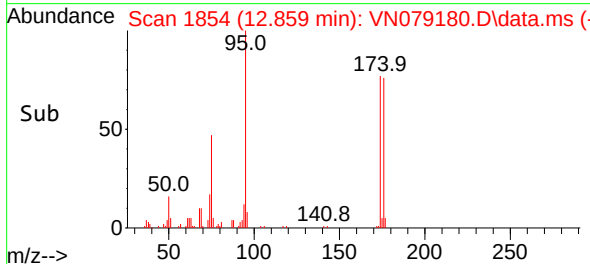
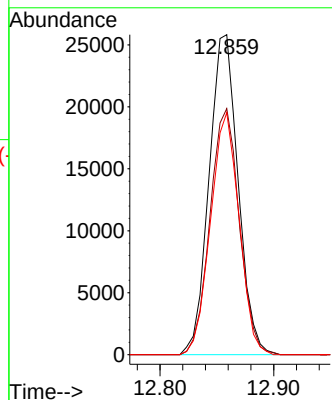
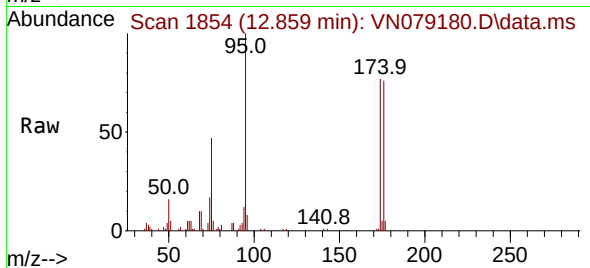




#60
4-Bromofluorobenzene
Concen: 24.362 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079180.D
Acq: 07 Sep 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL02

Tgt Ion: 95 Resp: 45840
Ion Ratio Lower Upper
95 100
174 77.6 59.5 89.3
176 74.4 59.1 88.7



#63
Toluene-d8
Concen: 30.447 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN079180.D
Acq: 07 Sep 2023 17:31

Tgt Ion: 98 Resp: 181705
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7

