

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079185.D
 Acq On : 07 Sep 2023 19:43
 Operator : JC\MD
 Sample : 04302-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230816089-03

Quant Time: Sep 08 05:45:52 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	18387	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	142725	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	124502	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	45487	32.927	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.767%
60) 4-Bromofluorobenzene	12.853	95	41840	22.808	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	76.033%
63) Toluene-d8	10.577	98	172288	29.611	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.700%

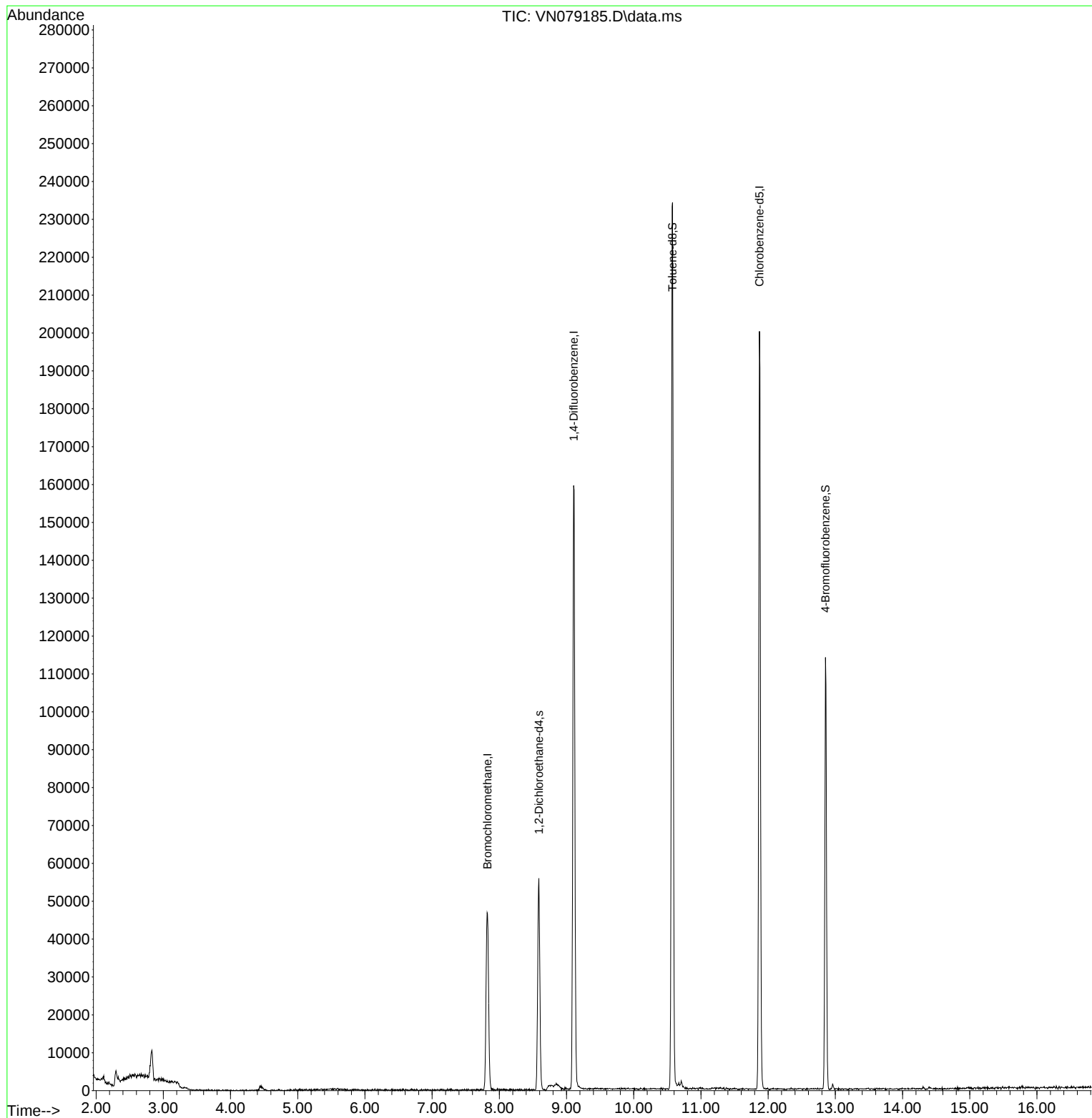
Target Compounds	Qvalue

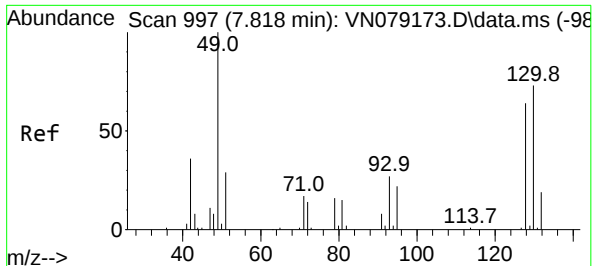
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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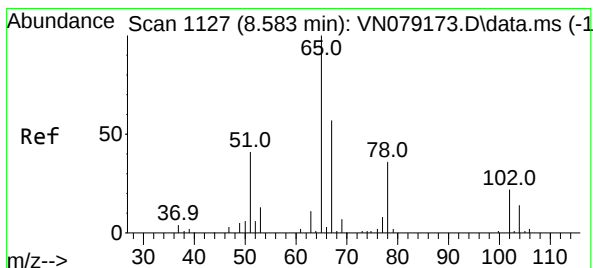
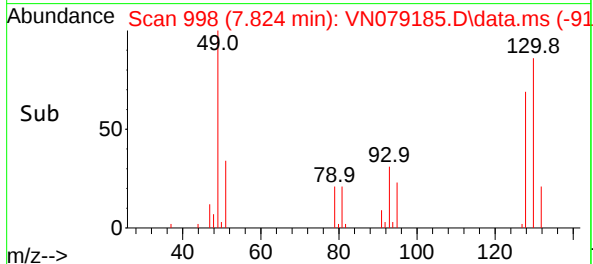
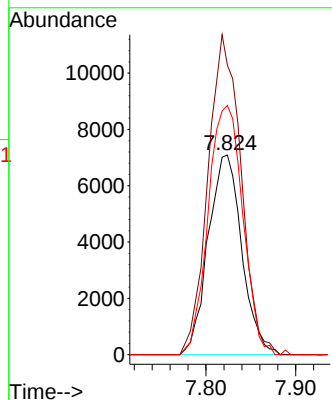
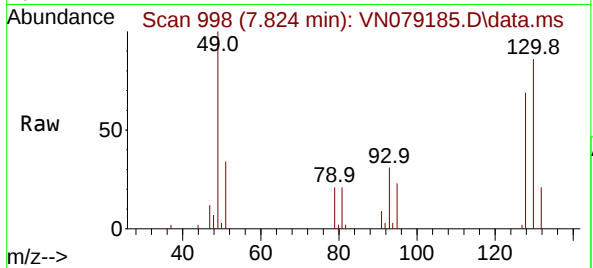




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN079185.D
Acq: 07 Sep 2023 19:43

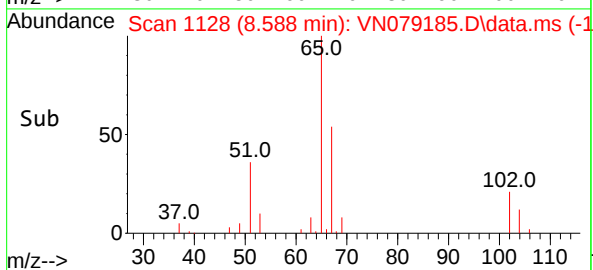
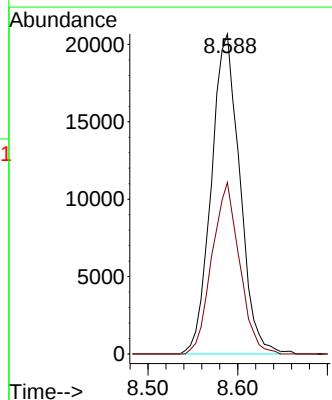
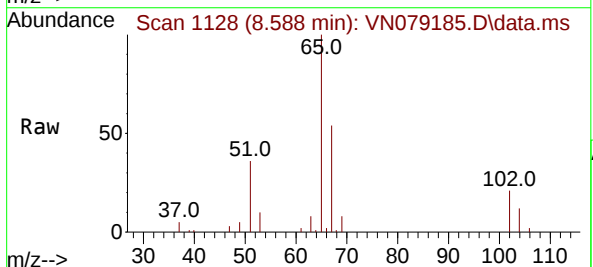
Instrument :
MSVOA_N
ClientSampleId :
230816089-03

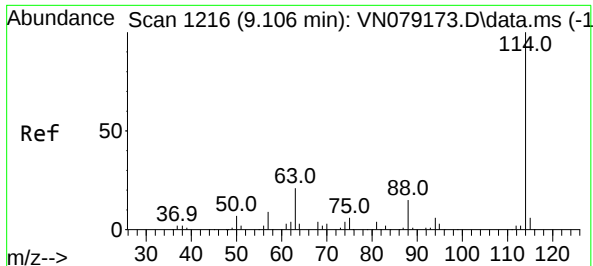
Tgt Ion:128 Resp: 18387
Ion Ratio Lower Upper
128 100
49 157.4 0.0 414.3
130 128.9 0.0 311.0



#27
1,2-Dichloroethane-d4
Concen: 32.927 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079185.D
Acq: 07 Sep 2023 19:43

Tgt Ion: 65 Resp: 45487
Ion Ratio Lower Upper
65 100
67 51.9 44.4 66.6



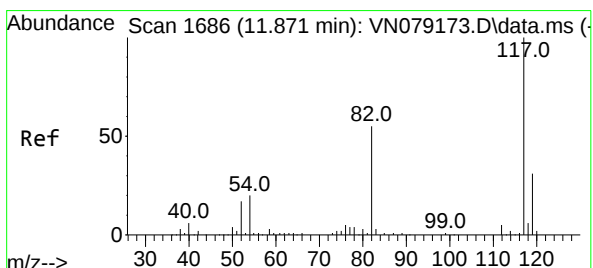
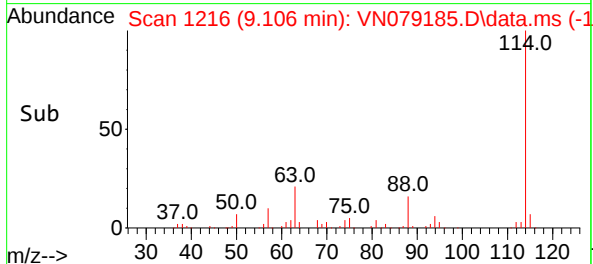
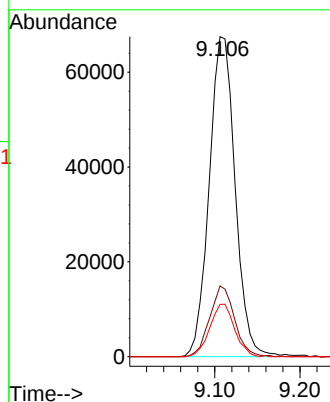
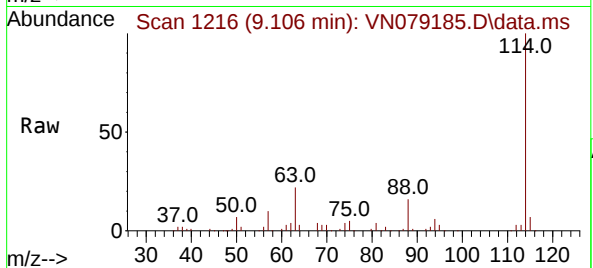


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079185.D
Acq: 07 Sep 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :
230816089-03

Tgt Ion:114 Resp: 142725

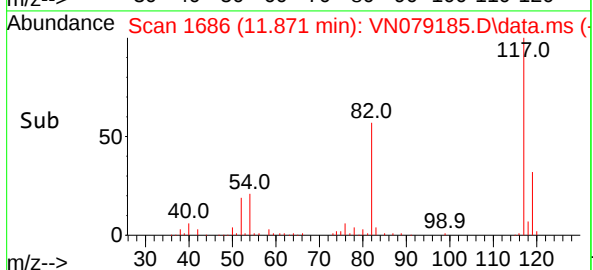
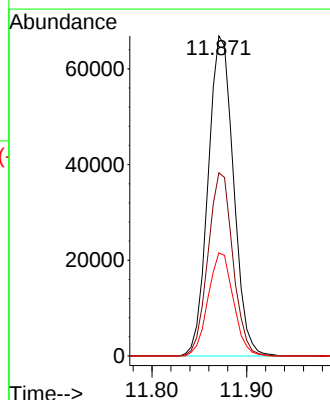
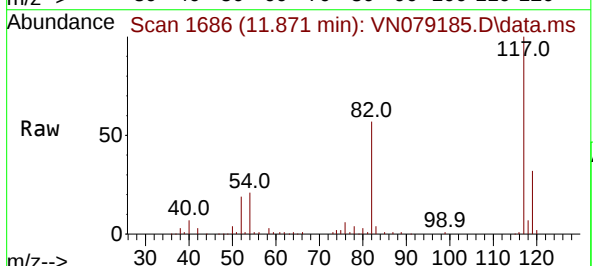
Ion	Ratio	Lower	Upper
114	100		
63	21.2	17.0	25.4
88	15.7	12.8	19.2

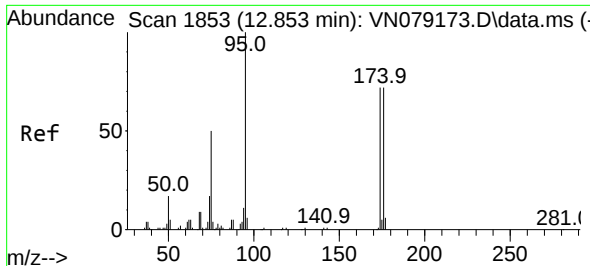


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079185.D
Acq: 07 Sep 2023 19:43

Tgt Ion:117 Resp: 124502

Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.7	67.1
119	32.0	24.9	37.3

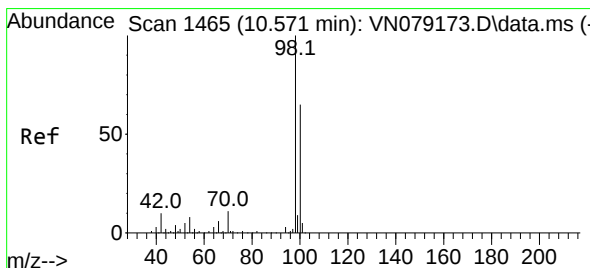
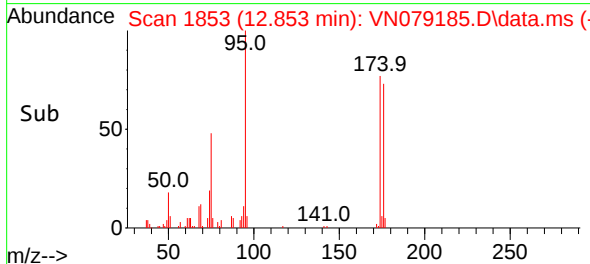
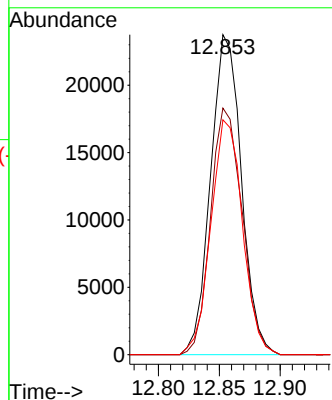
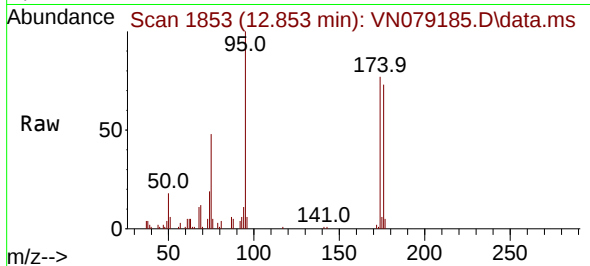




#60
4-Bromofluorobenzene
Concen: 22.808 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079185.D
Acq: 07 Sep 2023 19:43

Instrument :
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Tgt Ion: 95 Resp: 41840
Ion Ratio Lower Upper
95 100
174 78.8 59.5 89.3
176 75.3 59.1 88.7



#63
Toluene-d8
Concen: 29.611 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN079185.D
Acq: 07 Sep 2023 19:43

Tgt Ion: 98 Resp: 172288
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

