

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078857.D
 Acq On : 11 Aug 2023 11:32
 Operator : JC\MD
 Sample : 03960-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230809056-01-TRIP-BLANK

Quant Time: Aug 12 01:39:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	31127	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	157617	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	133313	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	74924	29.898	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.667%
60) 4-Bromofluorobenzene	12.859	95	39595	21.159	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	70.533%
63) Toluene-d8	10.576	98	199205	30.493	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.633%

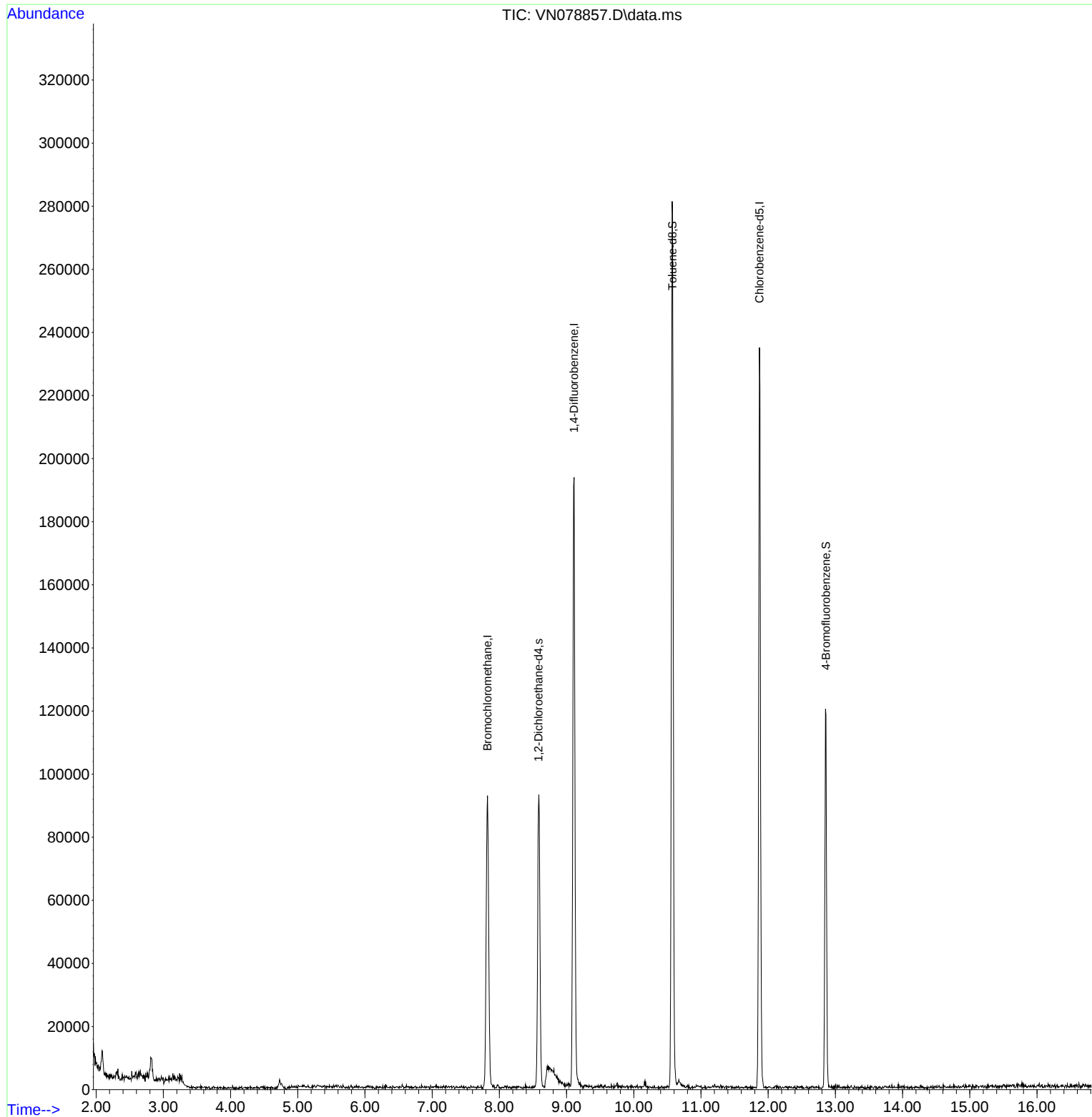
Target Compounds	Qvalue

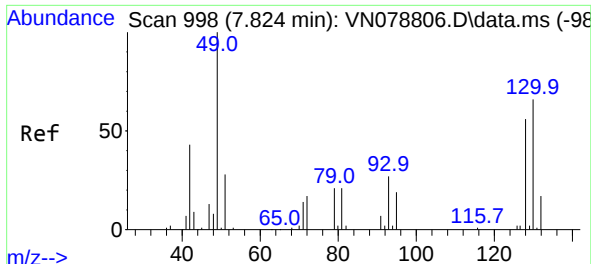
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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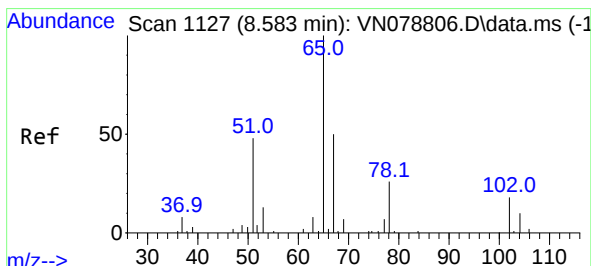
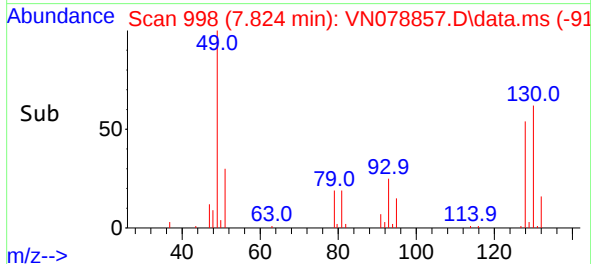
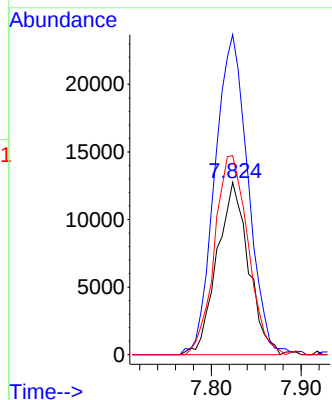
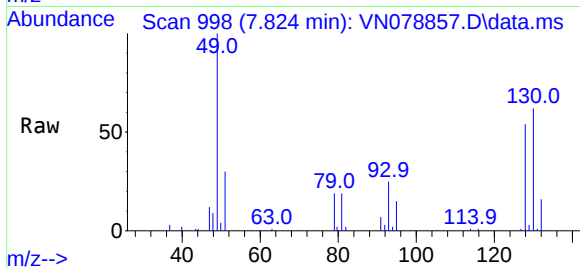




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078857.D
Acq: 11 Aug 2023 11:32

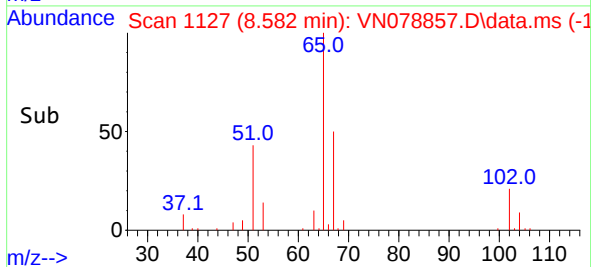
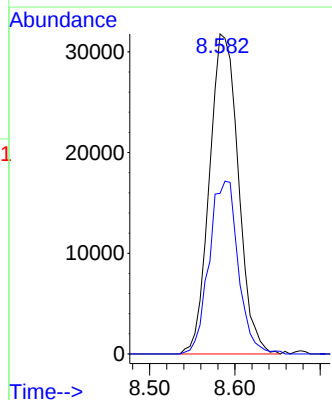
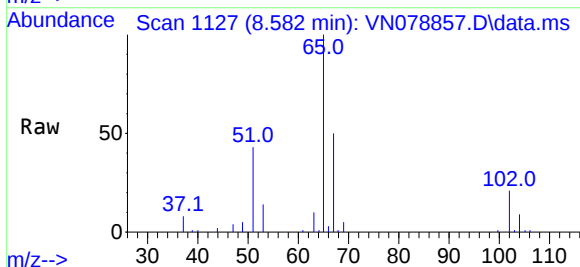
Instrument :
MSVOA_N
ClientSampleId :
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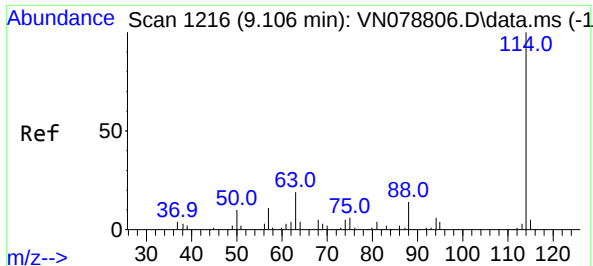
Tgt Ion:	128	Resp:	31127
Ion	Ratio	Lower	Upper
128	100		
49	194.6	0.0	370.8
130	122.5	0.0	307.0



#27
1,2-Dichloroethane-d4
Concen: 29.898 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078857.D
Acq: 11 Aug 2023 11:32

Tgt Ion:	65	Resp:	74924
Ion	Ratio	Lower	Upper
65	100		
67	54.0	42.9	64.3

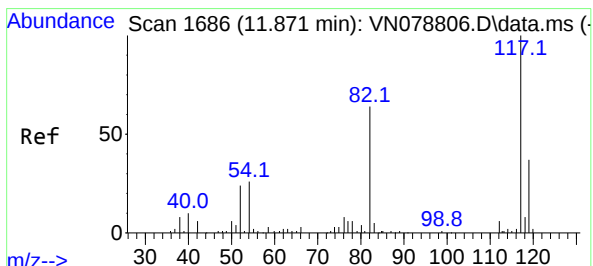
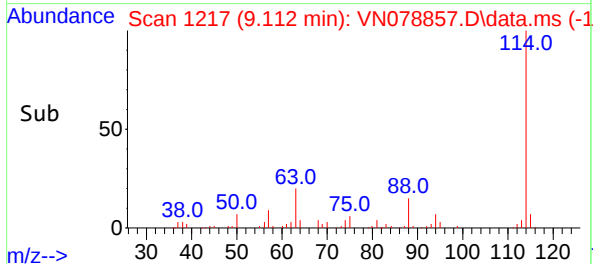
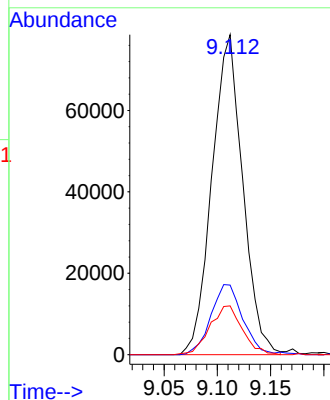
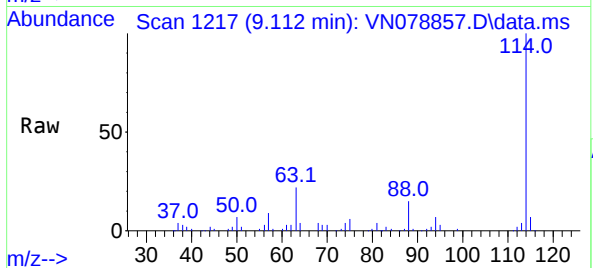




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078857.D
Acq: 11 Aug 2023 11:32

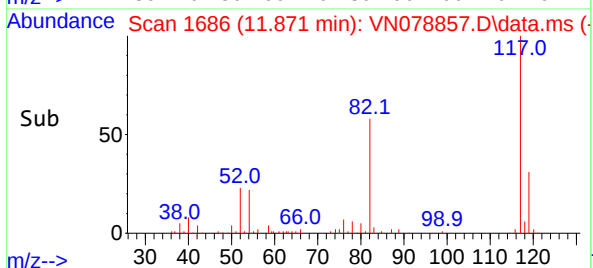
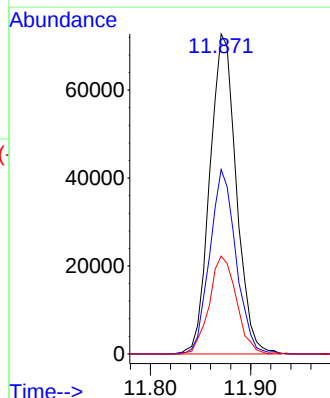
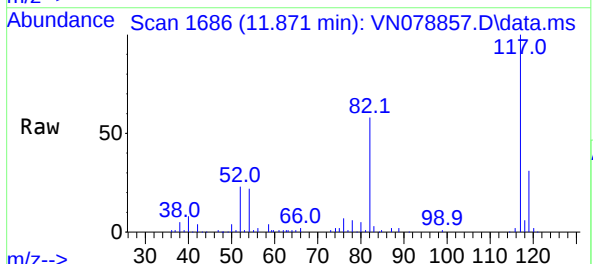
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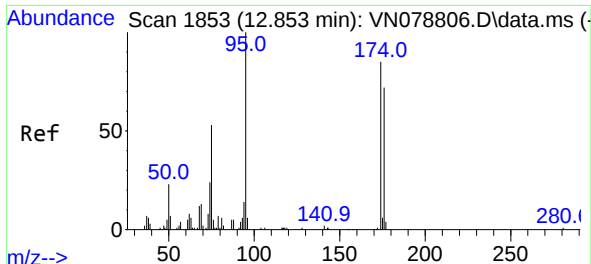
Tgt Ion:114 Resp: 157617
Ion Ratio Lower Upper
114 100
63 22.6 15.2 22.8
88 16.1 12.5 18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078857.D
Acq: 11 Aug 2023 11:32

Tgt Ion:117 Resp: 133313
Ion Ratio Lower Upper
117 100
82 57.4 43.9 65.9
119 31.4 26.2 39.4

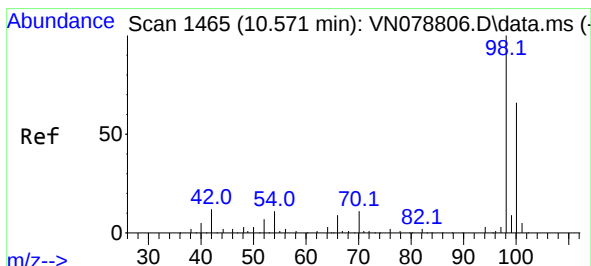
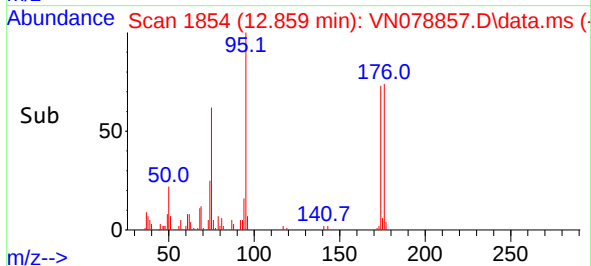
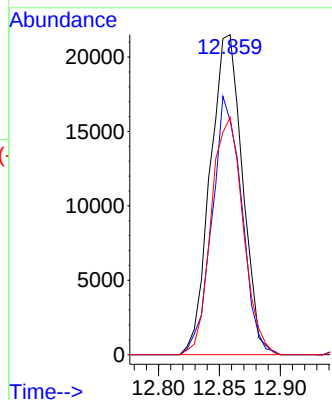
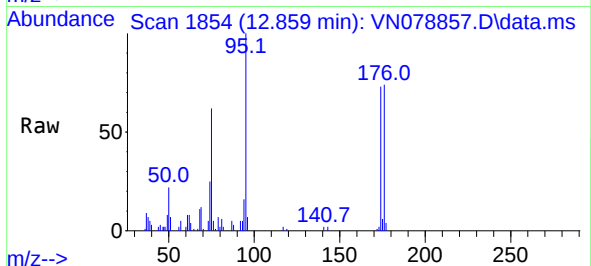




#60
4-Bromofluorobenzene
Concen: 21.159 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078857.D
Acq: 11 Aug 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
230809056-01-TRIP-BLANK

Tgt Ion: 95 Resp: 39595
Ion Ratio Lower Upper
95 100
174 74.1 61.7 92.5
176 73.4 58.1 87.1



#63
Toluene-d8
Concen: 30.493 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078857.D
Acq: 11 Aug 2023 11:32

Tgt Ion: 98 Resp: 199205
Ion Ratio Lower Upper
98 100
100 61.4 49.7 74.5

