

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078929.D
 Acq On : 17 Aug 2023 16:28
 Operator : JC\MD
 Sample : VN0817WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBL01

Quant Time: Aug 18 05:32:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	41187	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	220724	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	189339	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	98727	29.588	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.633%
60) 4-Bromofluorobenzene	12.853	95	67271	24.357	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.200%
63) Toluene-d8	10.571	98	267169	30.216	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.733%

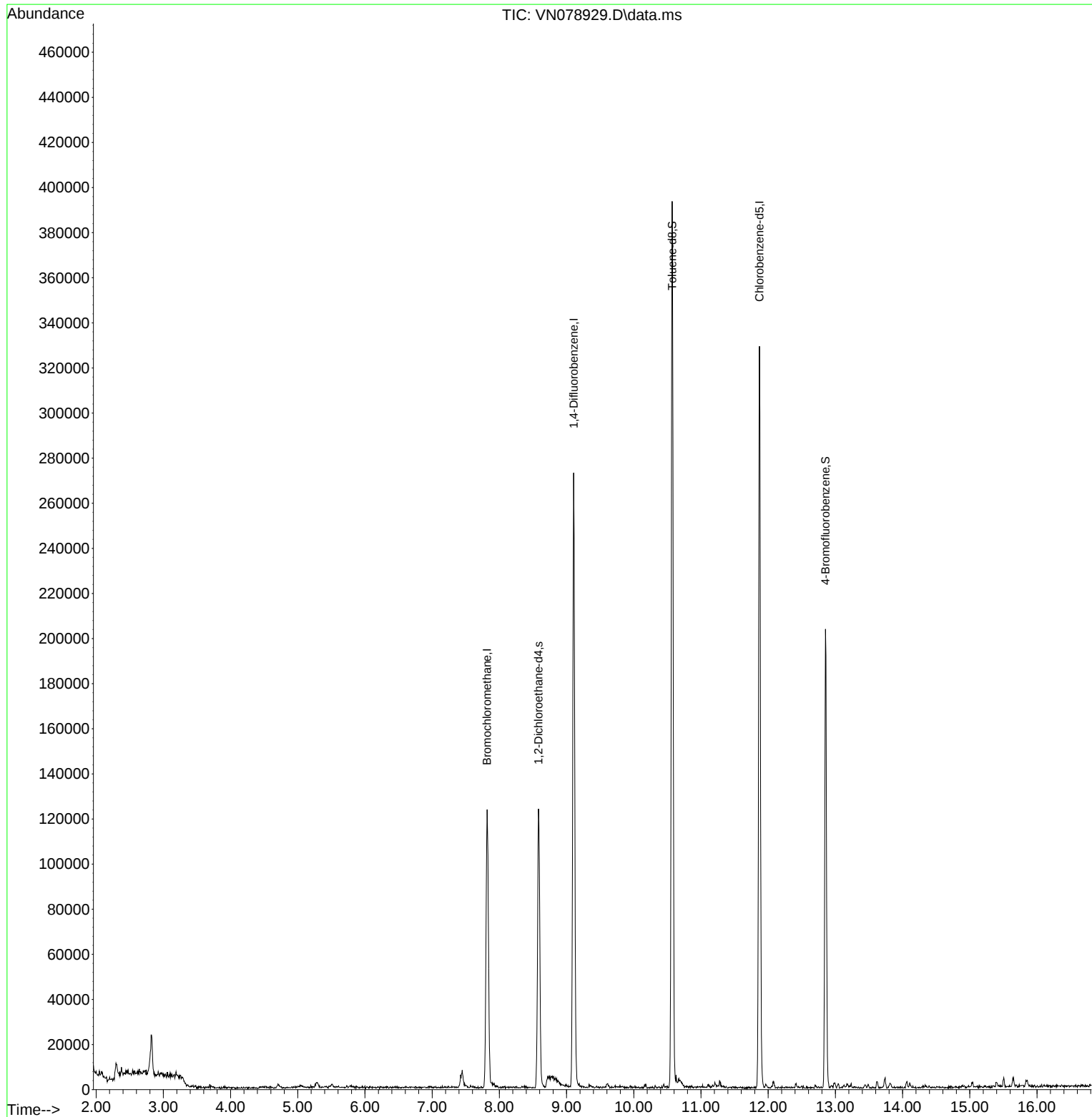
Target Compounds	Qvalue

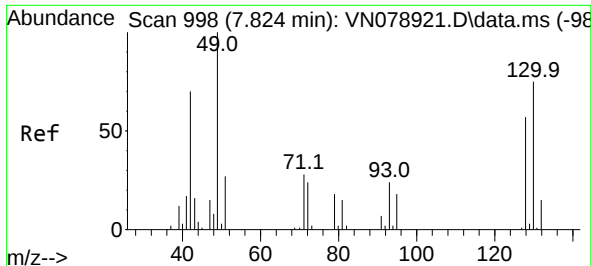
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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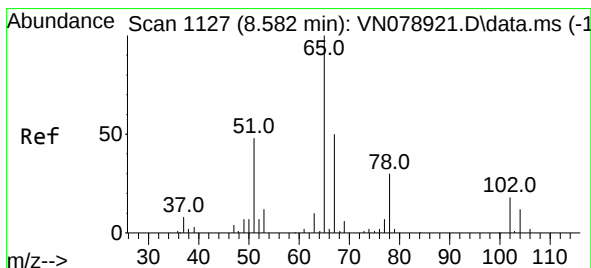
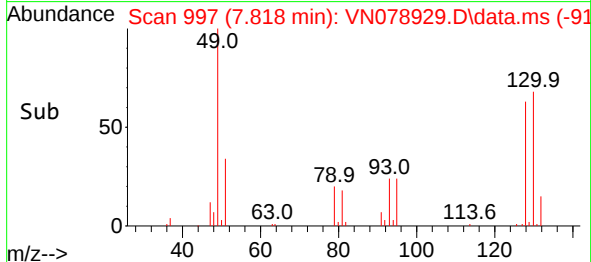
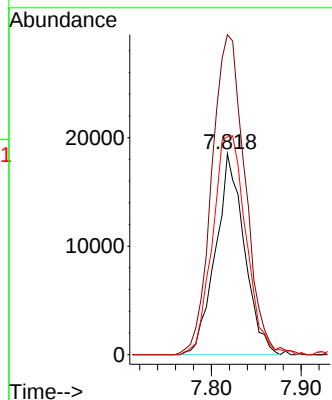
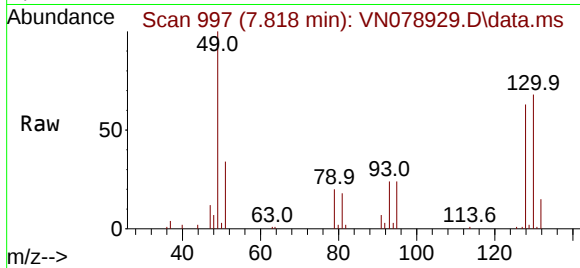




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN078929.D
Acq: 17 Aug 2023 16:28

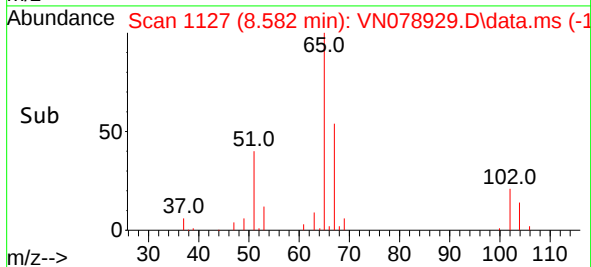
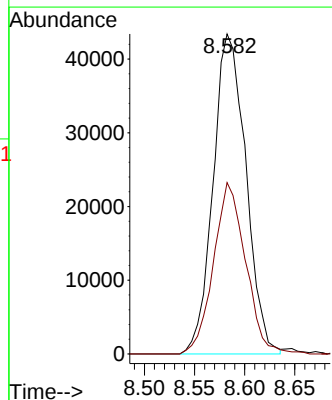
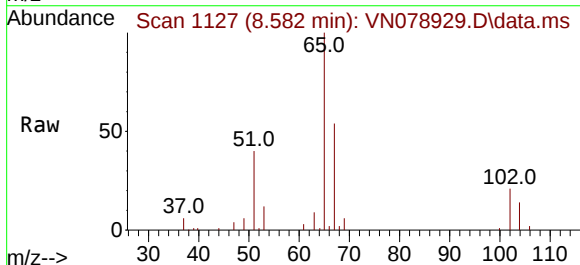
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBL01

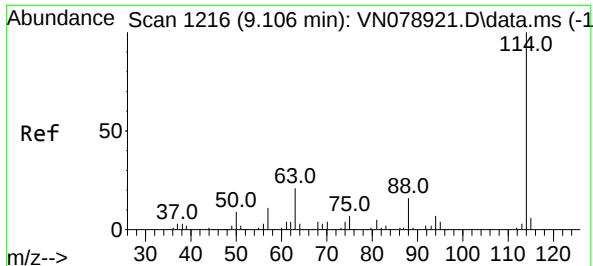
Tgt Ion:128 Resp: 41187
Ion Ratio Lower Upper
128 100
49 182.6 0.0 481.8
130 127.4 0.0 320.5



#27
1,2-Dichloroethane-d4
Concen: 29.588 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078929.D
Acq: 17 Aug 2023 16:28

Tgt Ion: 65 Resp: 98727
Ion Ratio Lower Upper
65 100
67 52.5 40.7 61.1



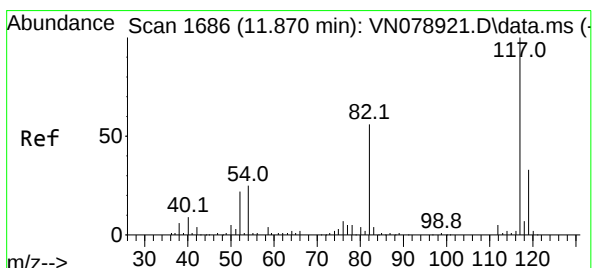
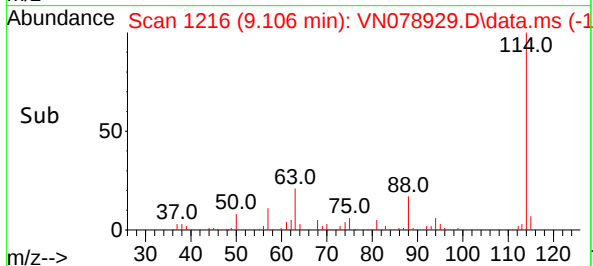
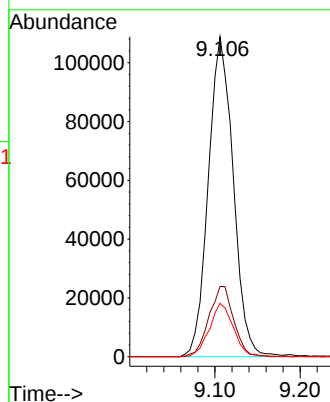
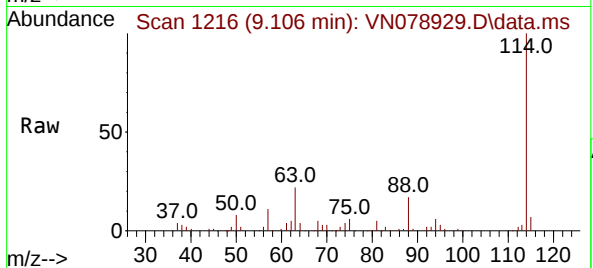


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN078929.D
Acq: 17 Aug 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBL01

Tgt Ion:114 Resp: 220724

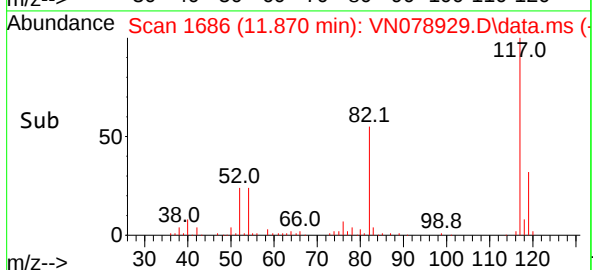
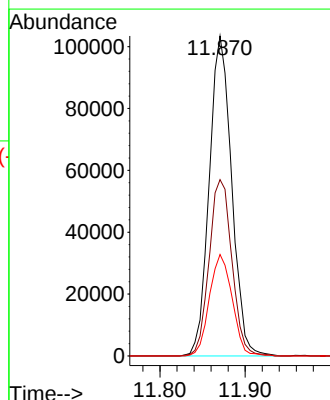
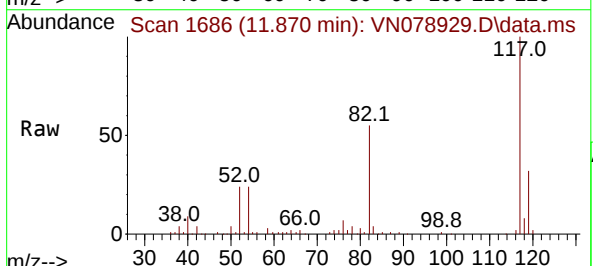
Ion	Ratio	Lower	Upper
114	100		
63	21.7	17.4	26.2
88	16.0	12.0	18.0

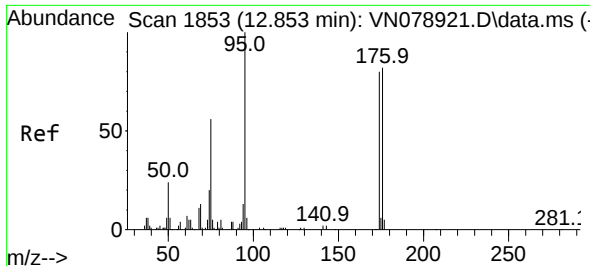


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078929.D
Acq: 17 Aug 2023 16:28

Tgt Ion:117 Resp: 189339

Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.4	65.0
119	32.1	25.5	38.3

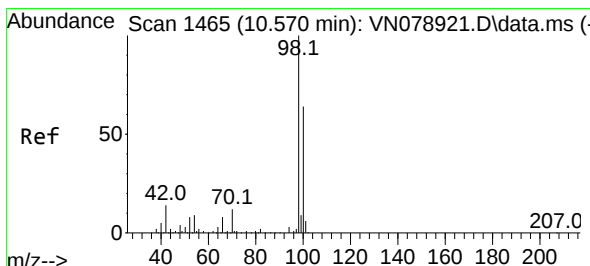
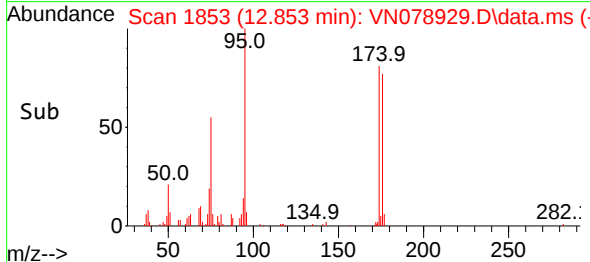
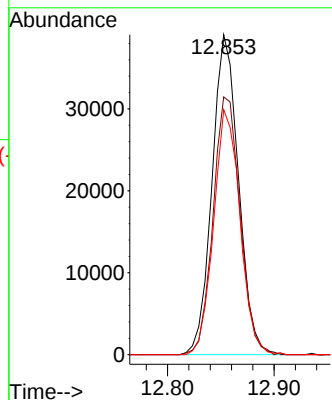
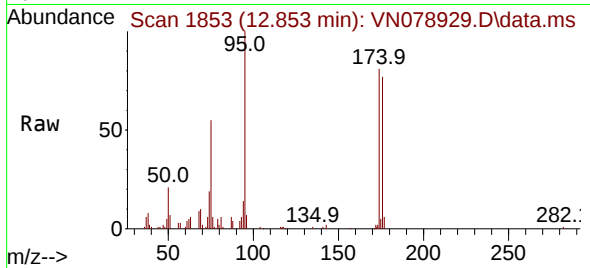




#60
4-Bromofluorobenzene
Concen: 24.357 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078929.D
Acq: 17 Aug 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBL01

Tgt Ion: 95 Resp: 67271
Ion Ratio Lower Upper
95 100
174 82.1 64.8 97.2
176 76.5 63.0 94.6



#63
Toluene-d8
Concen: 30.216 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078929.D
Acq: 17 Aug 2023 16:28

Tgt Ion: 98 Resp: 267169
Ion Ratio Lower Upper
98 100
100 65.8 51.1 76.7

