

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080008.D
 Acq On : 08 Nov 2023 22:19
 Operator : JC\MD
 Sample : 05283-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Nov 09 04:30:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	69971	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	325744	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	306949	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	179129	30.498	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.667%
60) 4-Bromofluorobenzene	12.853	95	114708	23.369	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.900%
63) Toluene-d8	10.571	98	416777	28.657	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.533%

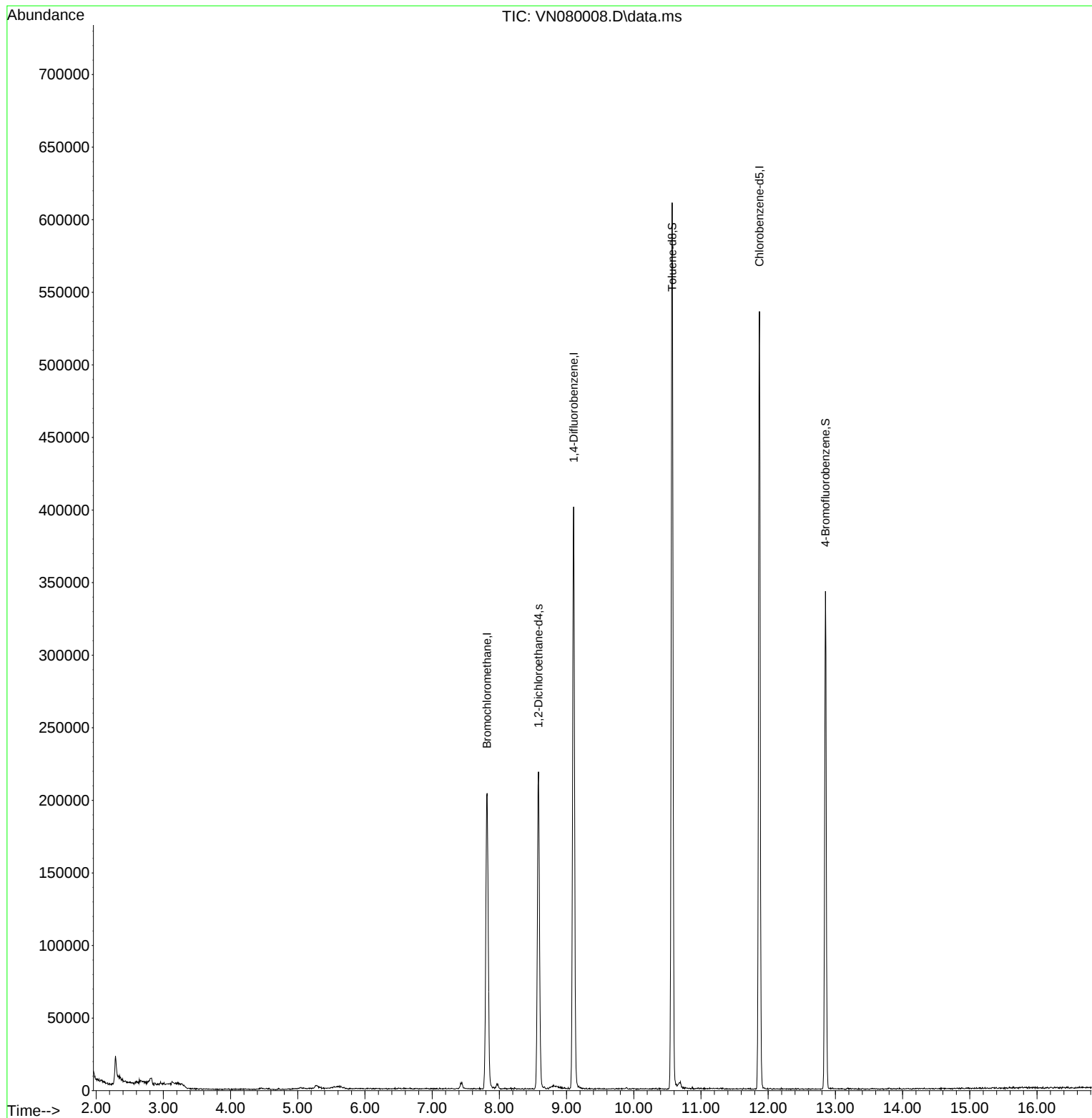
Target Compounds	Qvalue

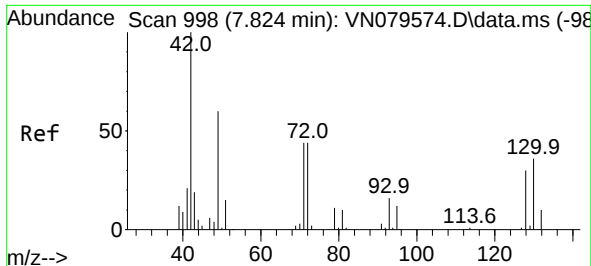
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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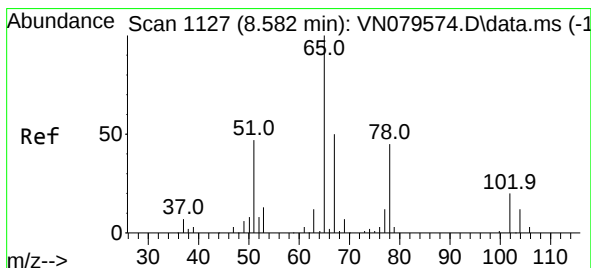
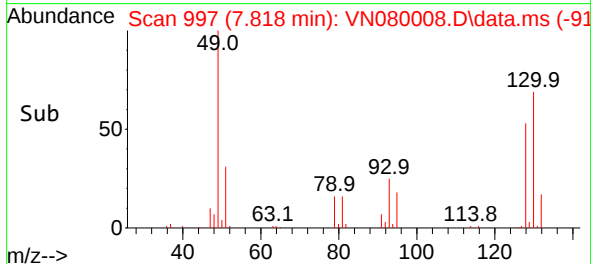
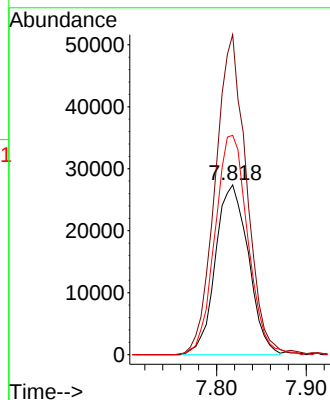
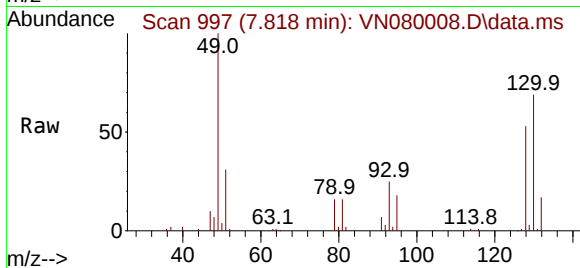




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080008.D
Acq: 08 Nov 2023 22:19

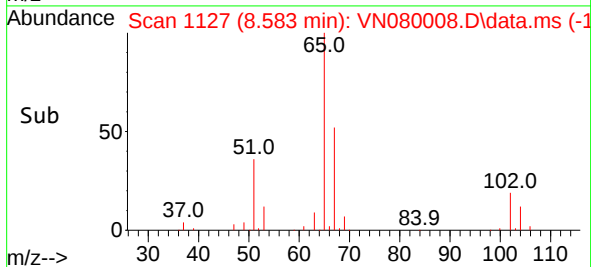
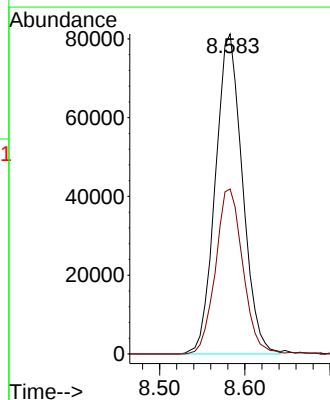
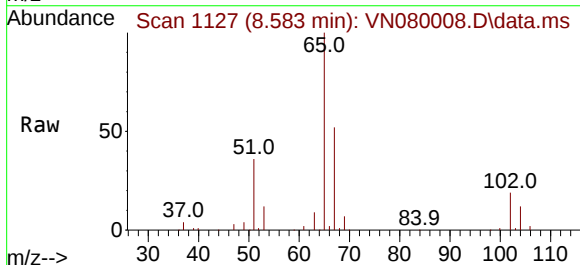
Instrument :
MSVOA_N
ClientSampleId :
14B-1

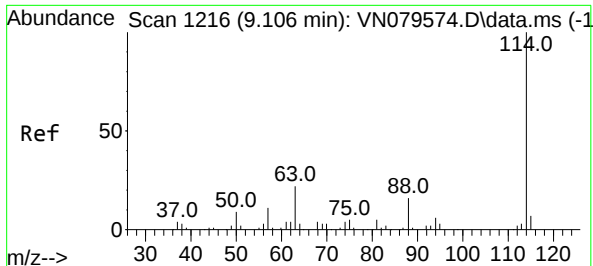
Tgt Ion:128 Resp: 69971
Ion Ratio Lower Upper
128 100
49 177.6 0.0 468.5
130 128.5 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 30.498 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN080008.D
Acq: 08 Nov 2023 22:19

Tgt Ion: 65 Resp: 179129
Ion Ratio Lower Upper
65 100
67 52.0 42.1 63.1

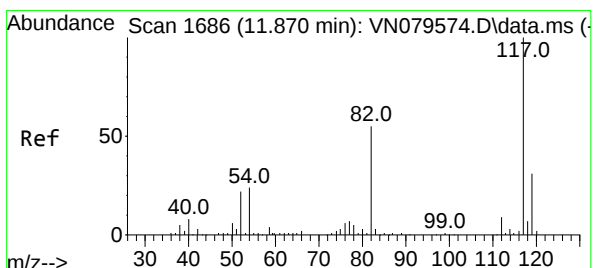
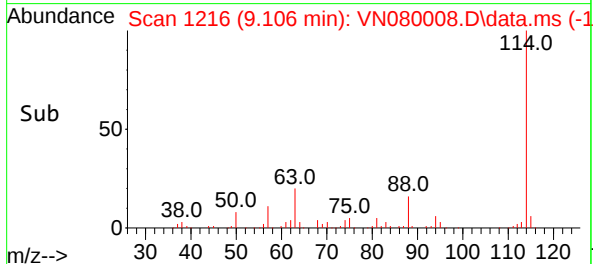
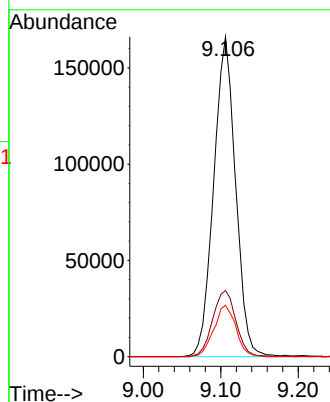
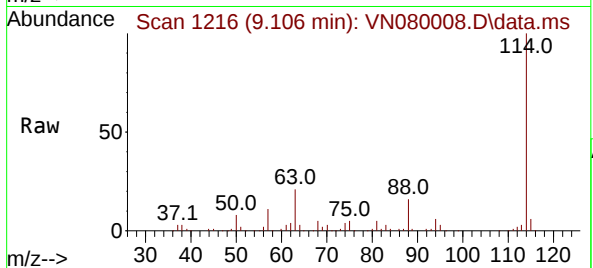




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN080008.D
Acq: 08 Nov 2023 22:19

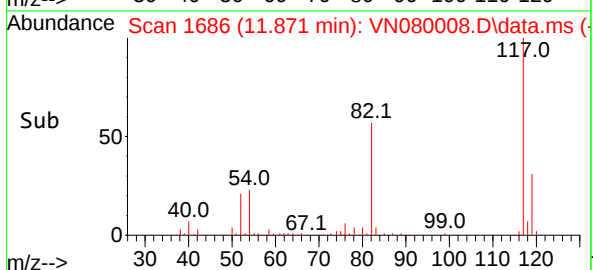
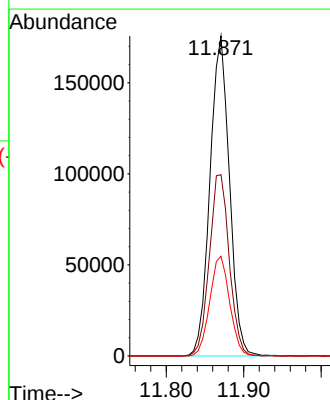
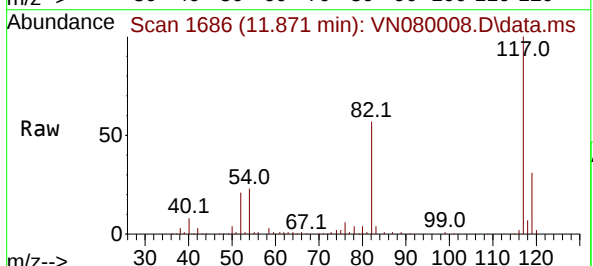
Instrument :
MSVOA_N
ClientSampleId :
14B-1

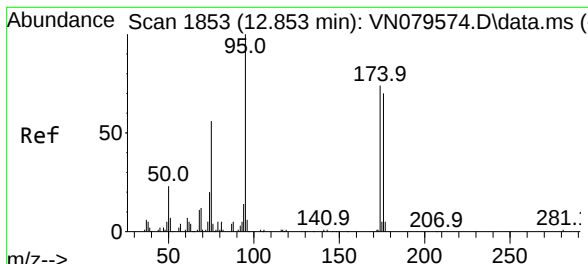
Tgt Ion:114 Resp: 325744
Ion Ratio Lower Upper
114 100
63 22.0 18.1 27.1
88 16.2 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN080008.D
Acq: 08 Nov 2023 22:19

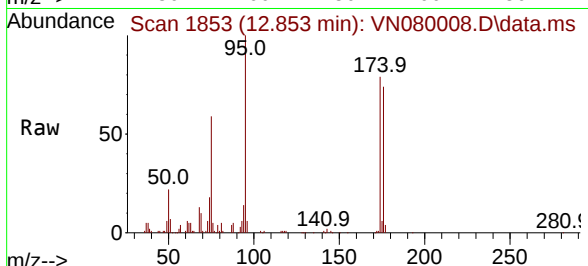
Tgt Ion:117 Resp: 306949
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.2
119 31.7 25.2 37.8



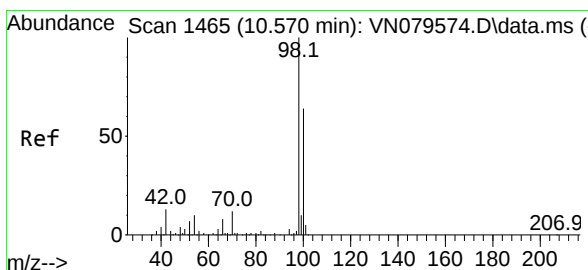
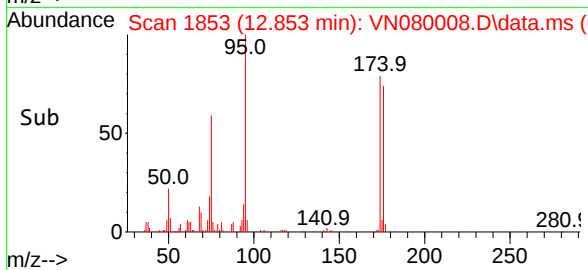
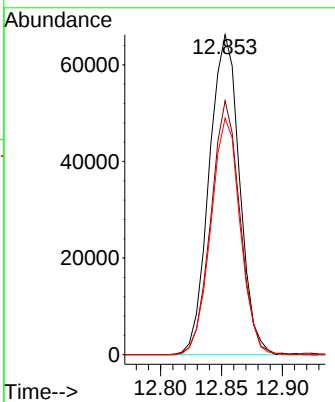


#60
 4-Bromofluorobenzene
 Concen: 23.369 ug/l
 RT: 12.853 min Scan# 114B-1
 Delta R.T. -0.000 min
 Lab File: VN080008.D
 Acq: 08 Nov 2023 22:19

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	95	Resp:	114708
Ion Ratio	Lower	Upper	
95	100		
174	76.2	60.5	90.7
176	71.8	57.2	85.8



#63
 Toluene-d8
 Concen: 28.657 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. 0.001 min
 Lab File: VN080008.D
 Acq: 08 Nov 2023 22:19

Tgt Ion:	98	Resp:	416777
Ion Ratio	Lower	Upper	
98	100		
100	63.6	51.6	77.4

