

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080009.D
 Acq On : 08 Nov 2023 22:43
 Operator : JC\MD
 Sample : 05283-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Nov 09 04:31:05 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	68787	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	320641	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	298783	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	175353	30.369	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.233%
60) 4-Bromofluorobenzene	12.853	95	112384	23.521	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.400%
63) Toluene-d8	10.570	98	404751	28.590	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.300%

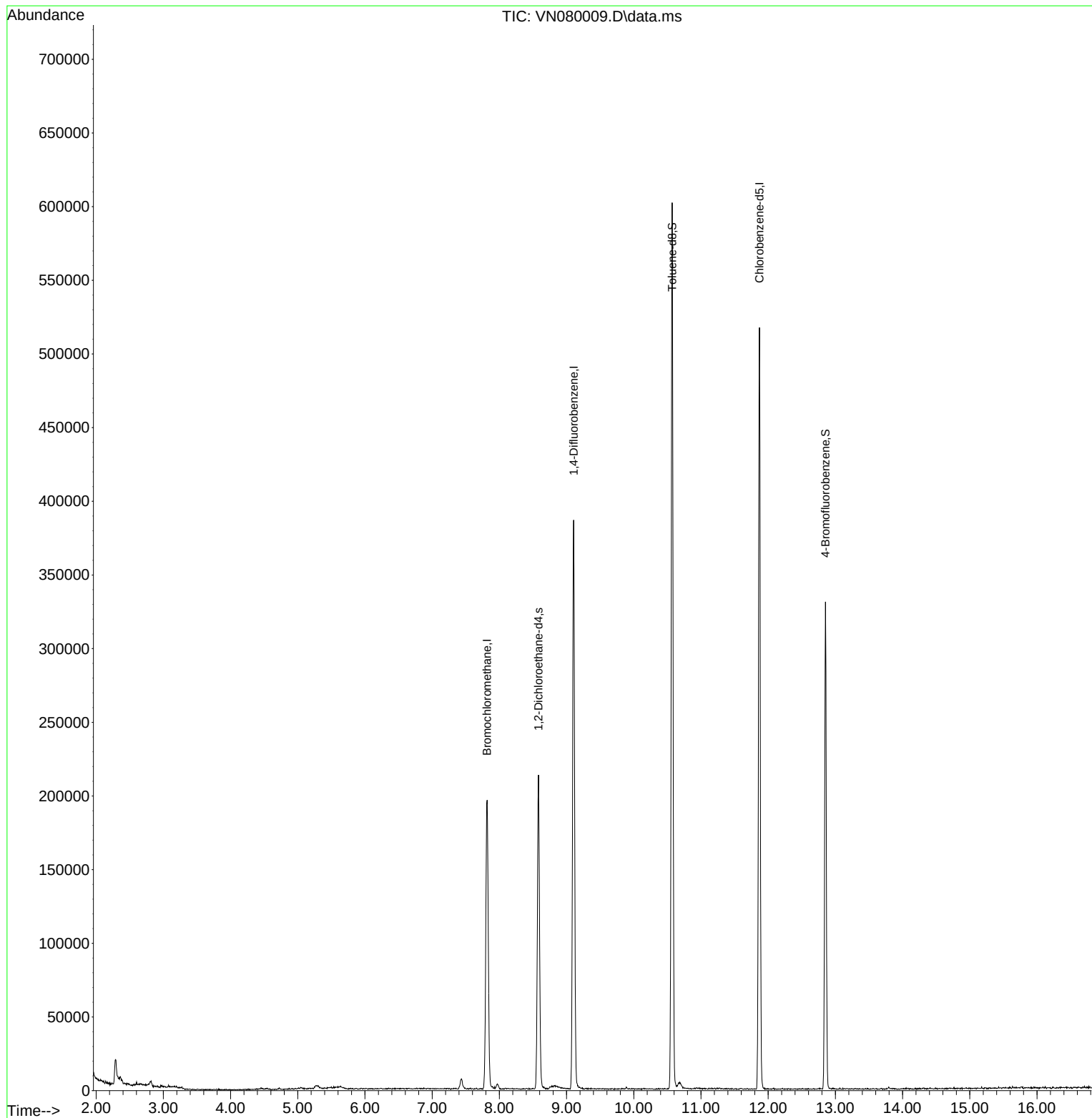
Target Compounds	Qvalue

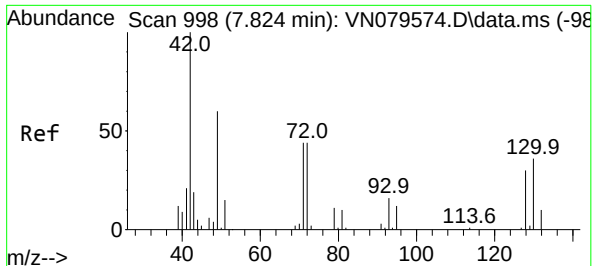
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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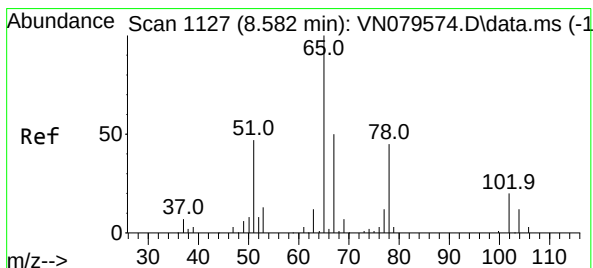
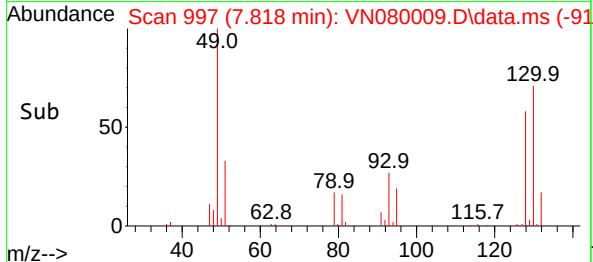
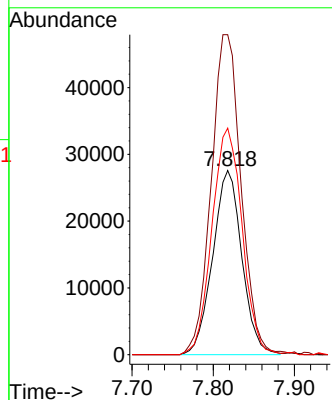
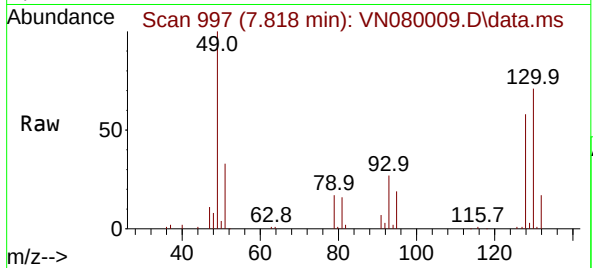




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080009.D
Acq: 08 Nov 2023 22:43

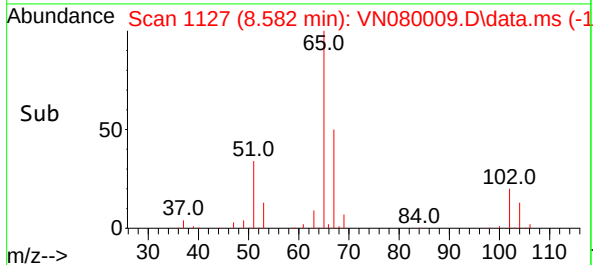
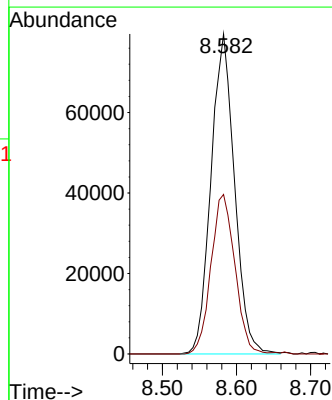
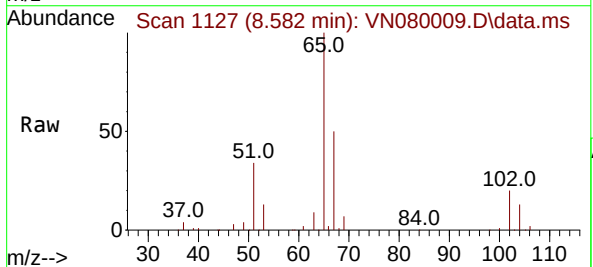
Instrument :
MSVOA_N
ClientSampleId :
14B-2

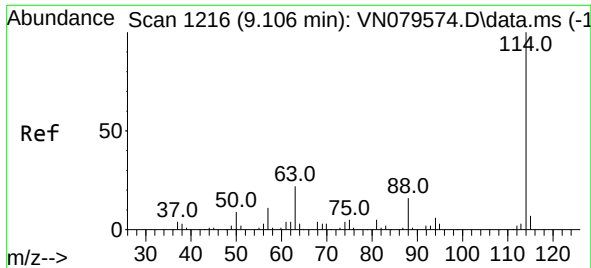
Tgt Ion:128 Resp: 68787
Ion Ratio Lower Upper
128 100
49 178.0 0.0 468.5
130 127.3 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 30.369 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080009.D
Acq: 08 Nov 2023 22:43

Tgt Ion: 65 Resp: 175353
Ion Ratio Lower Upper
65 100
67 50.6 42.1 63.1

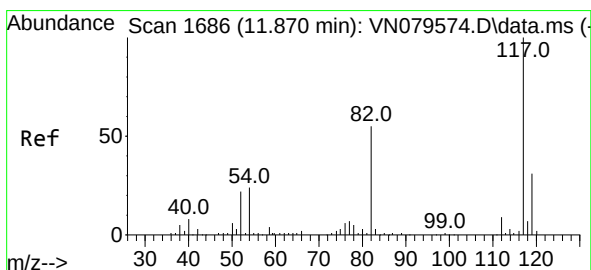
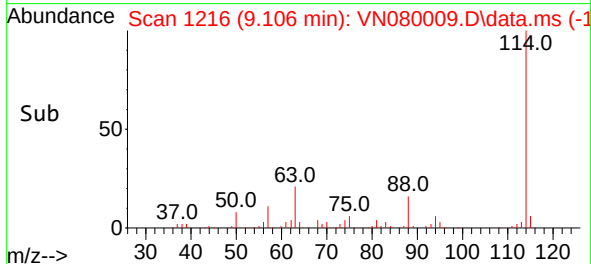
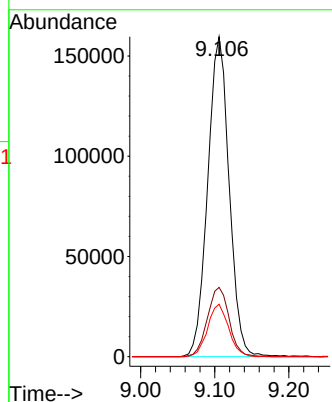
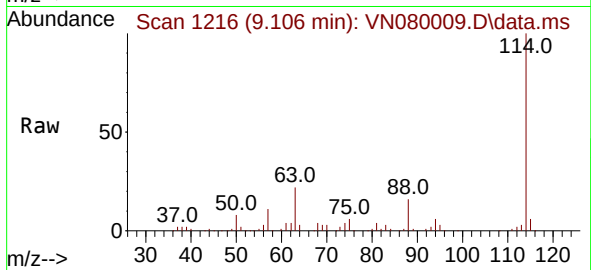




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN080009.D
Acq: 08 Nov 2023 22:43

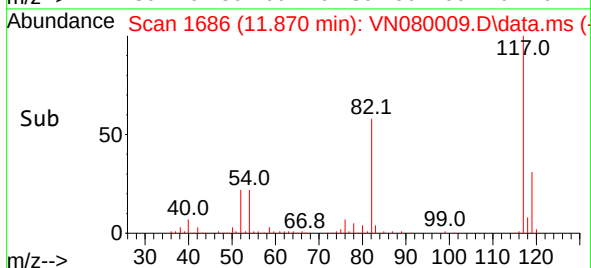
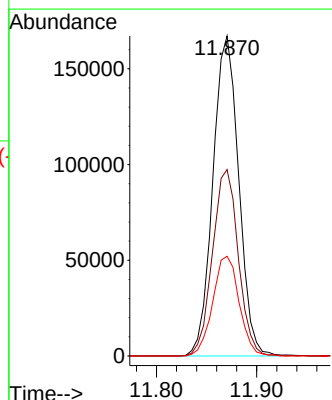
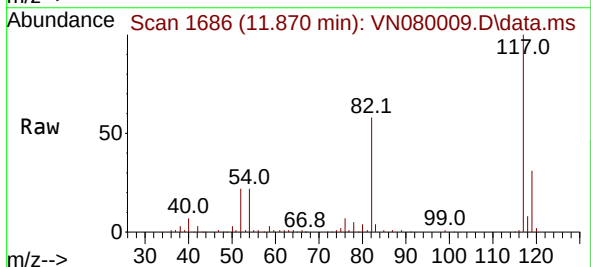
Instrument :
MSVOA_N
ClientSampleId :
14B-2

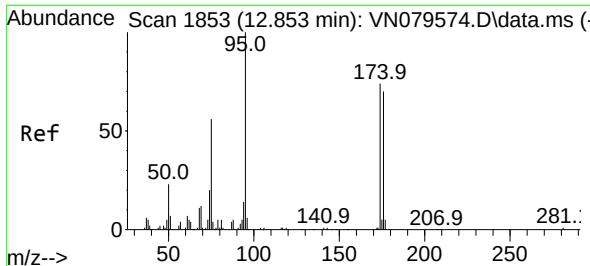
Tgt Ion:114 Resp: 320641
Ion Ratio Lower Upper
114 100
63 21.9 18.1 27.1
88 16.1 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080009.D
Acq: 08 Nov 2023 22:43

Tgt Ion:117 Resp: 298783
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.2
119 31.9 25.2 37.8

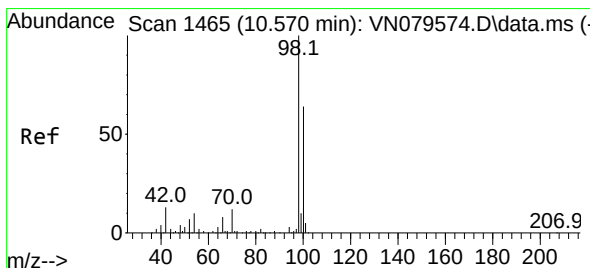
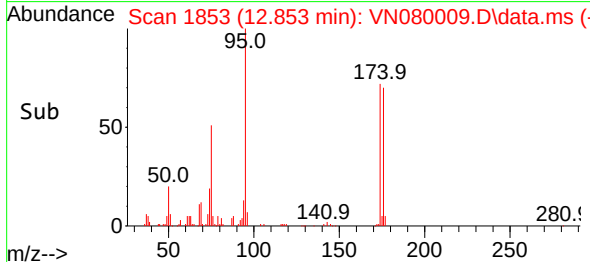
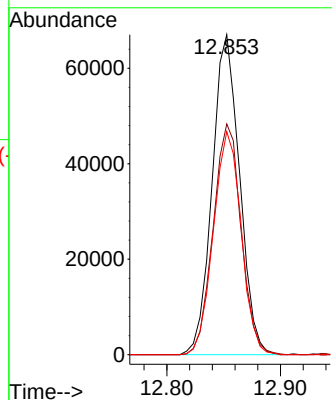
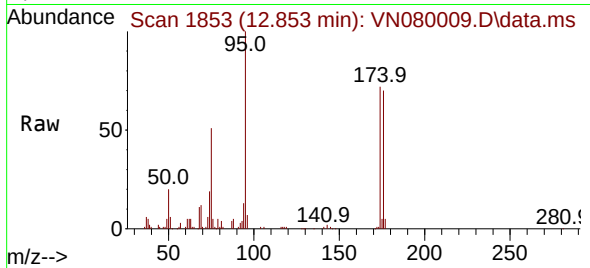




#60
4-Bromofluorobenzene
Concen: 23.521 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080009.D
Acq: 08 Nov 2023 22:43

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Tgt Ion: 95 Resp: 112384
Ion Ratio Lower Upper
95 100
174 73.6 60.5 90.7
176 70.6 57.2 85.8



#63
Toluene-d8
Concen: 28.590 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080009.D
Acq: 08 Nov 2023 22:43

Tgt Ion: 98 Resp: 404751
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4

