

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102523\
 Data File : VN079684.D
 Acq On : 25 Oct 2023 16:14
 Operator : JC\MD
 Sample : 05054-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Oct 26 01:37:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	18571	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	118244	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	137509	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	81423	30.838	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.800%
60) 4-Bromofluorobenzene	12.853	95	54495	21.671	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	72.233%
63) Toluene-d8	10.571	98	165765	28.132	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.767%

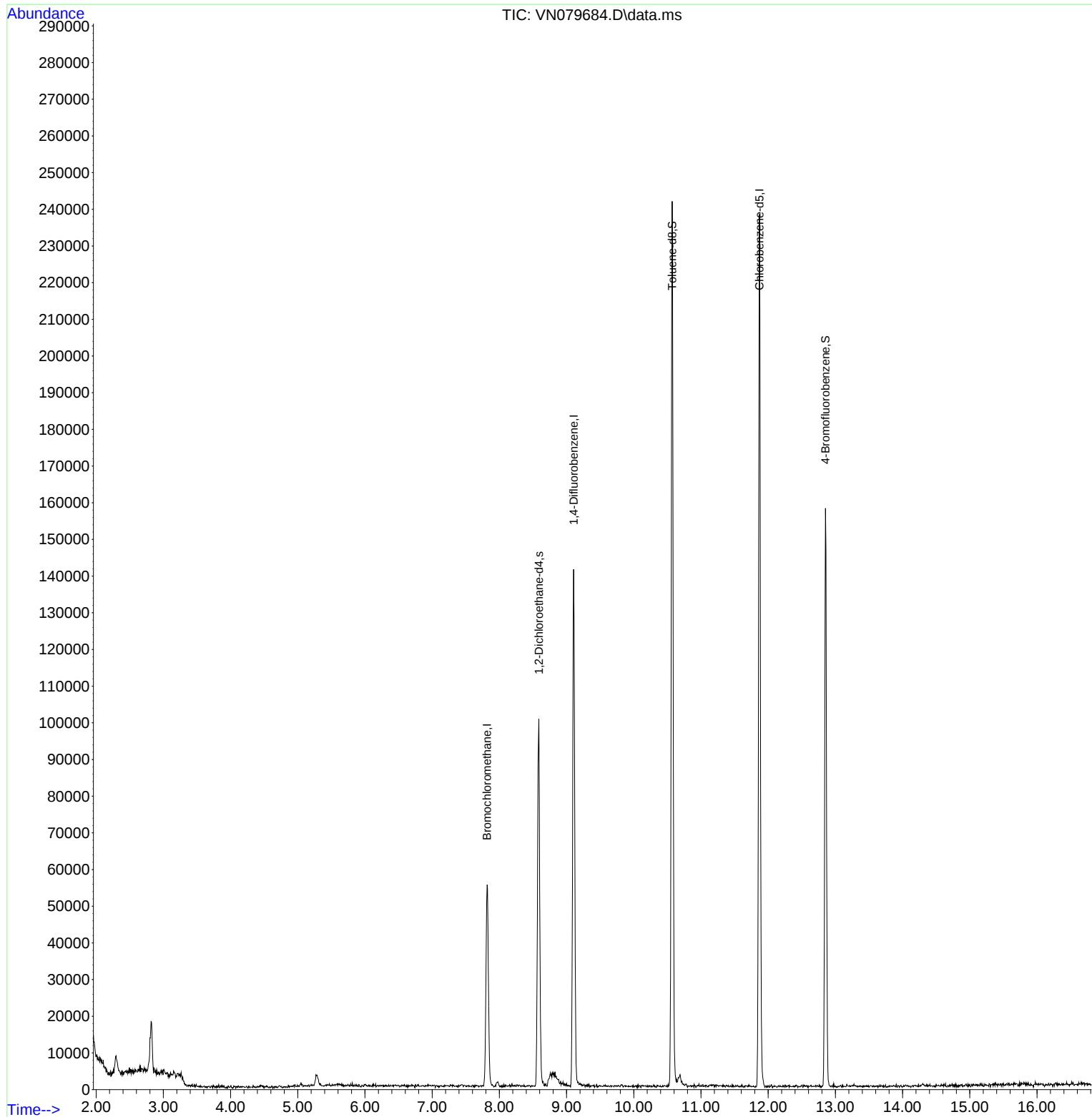
Target Compounds	Qvalue

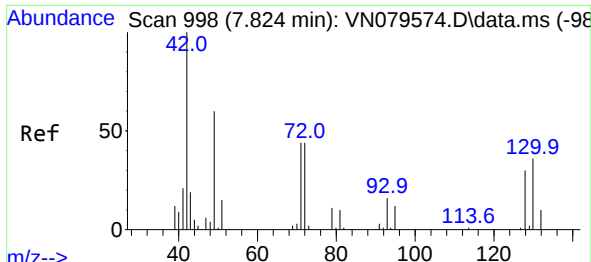
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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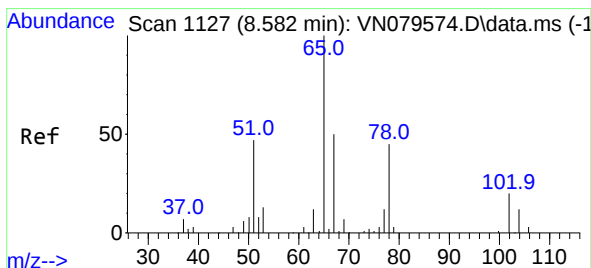
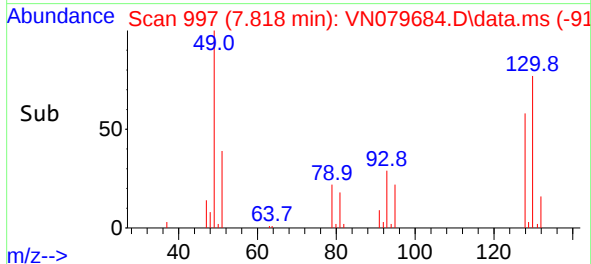
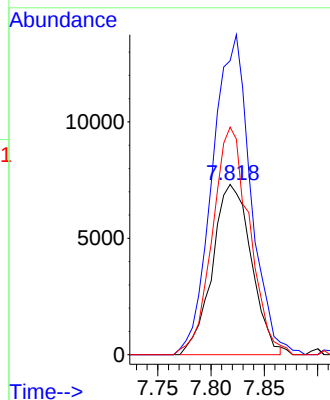
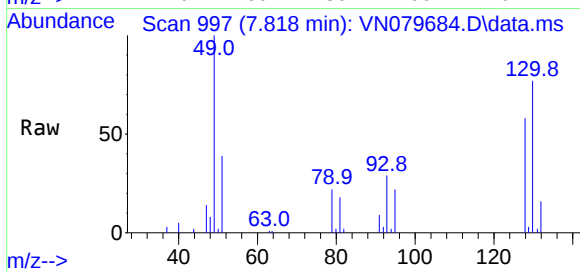




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN079684.D
Acq: 25 Oct 2023 16:14

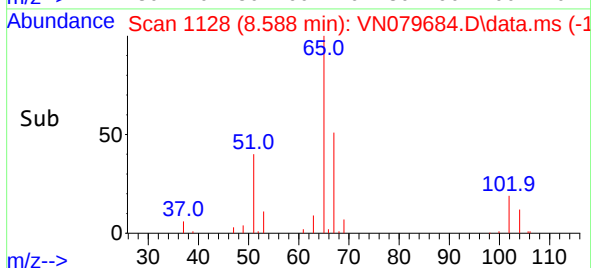
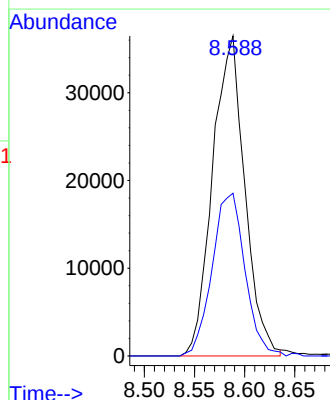
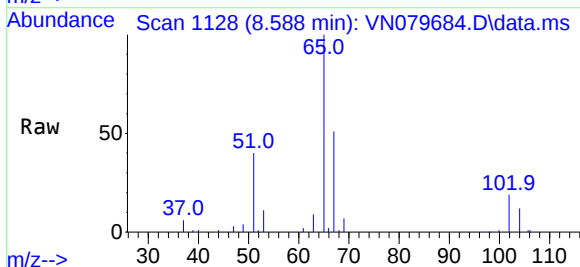
Instrument :
MSVOA_N
ClientSampleId :
14B-2

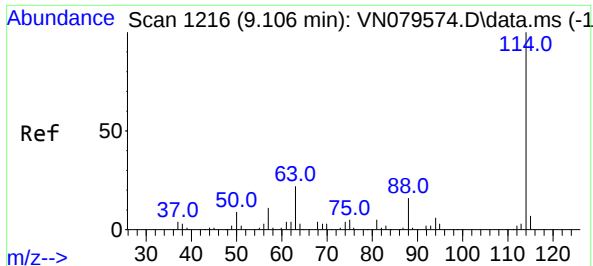
Tgt Ion:128 Resp: 18571
Ion Ratio Lower Upper
128 100
49 185.8 0.0 468.5
130 126.8 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 30.838 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN079684.D
Acq: 25 Oct 2023 16:14

Tgt Ion: 65 Resp: 81423
Ion Ratio Lower Upper
65 100
67 51.8 42.1 63.1

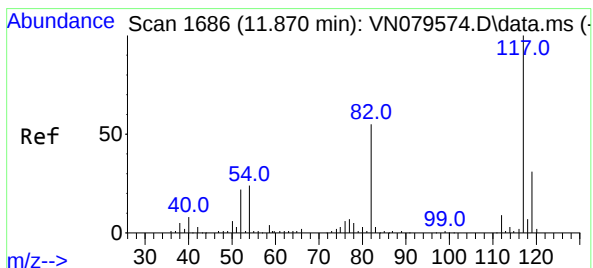
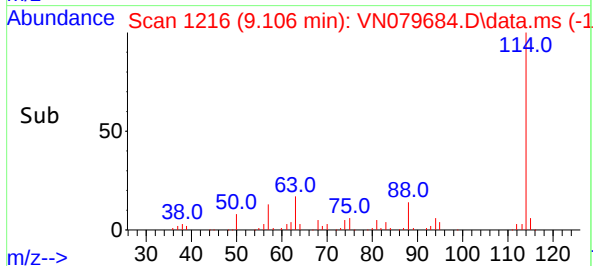
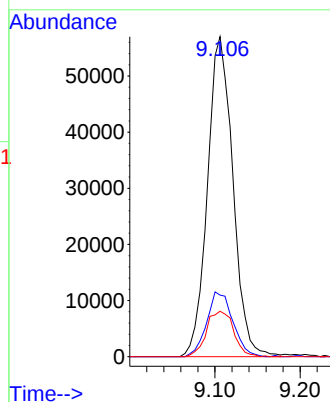
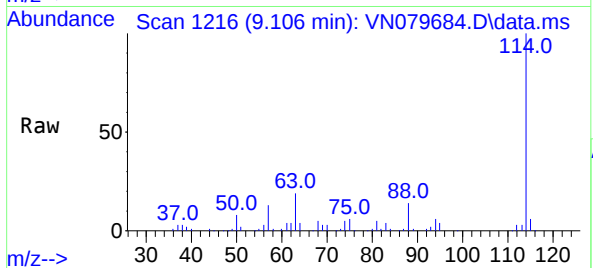




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079684.D
Acq: 25 Oct 2023 16:14

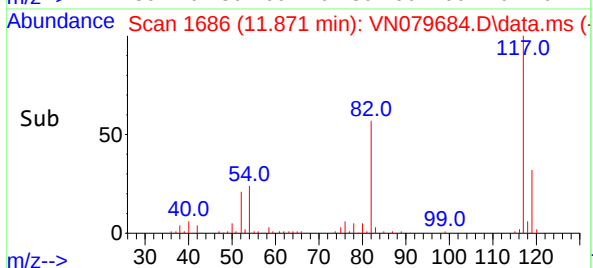
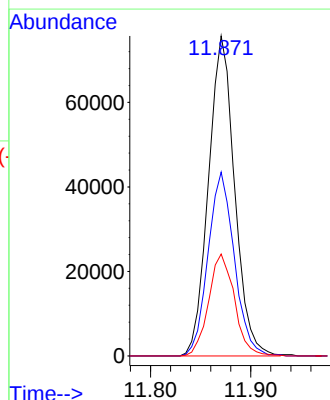
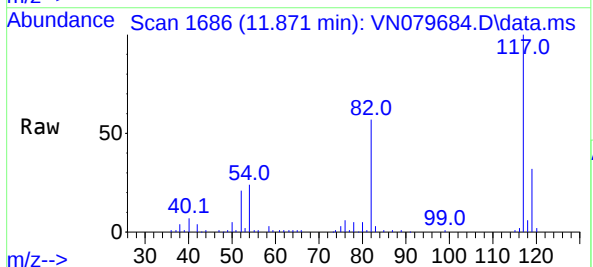
Instrument :
MSVOA_N
ClientSampleId :
14B-2

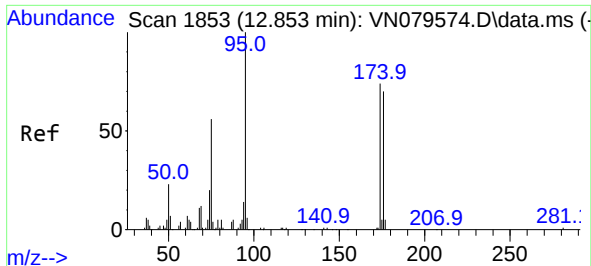
Tgt Ion:114 Resp: 118244
Ion Ratio Lower Upper
114 100
63 20.8 18.1 27.1
88 15.2 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079684.D
Acq: 25 Oct 2023 16:14

Tgt Ion:117 Resp: 137509
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.2
119 31.5 25.2 37.8

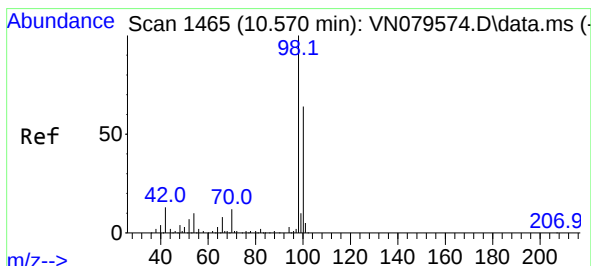
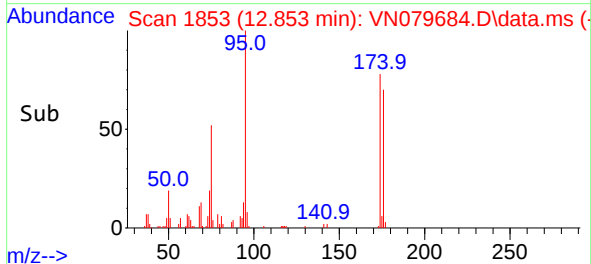
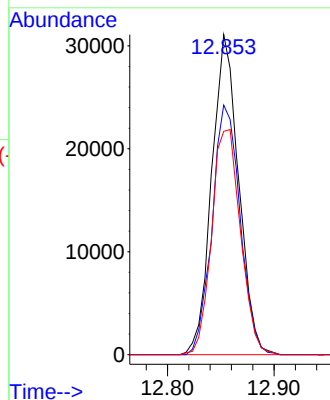
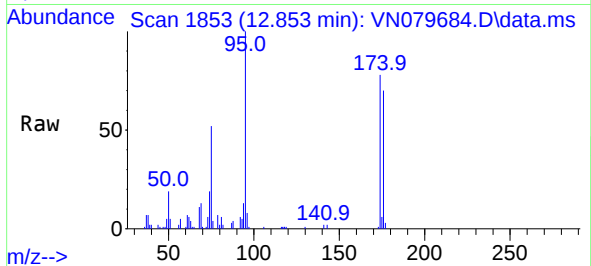




#60
4-Bromofluorobenzene
Concen: 21.671 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079684.D
Acq: 25 Oct 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Tgt Ion: 95 Resp: 54495
Ion Ratio Lower Upper
95 100
174 81.2 60.5 90.7
176 75.4 57.2 85.8



#63
Toluene-d8
Concen: 28.132 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079684.D
Acq: 25 Oct 2023 16:14

Tgt Ion: 98 Resp: 165765
Ion Ratio Lower Upper
98 100
100 65.2 51.6 77.4

