

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN079992.D
 Acq On : 08 Nov 2023 14:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 09 04:08:10 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	7.812	128	75435	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	393705	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	350211	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	196263	30.994	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.300%	
60) 4-Bromofluorobenzene	12.853	95	140491	25.086	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 83.633%	
63) Toluene-d8	10.571	98	489400	29.493	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.300%	

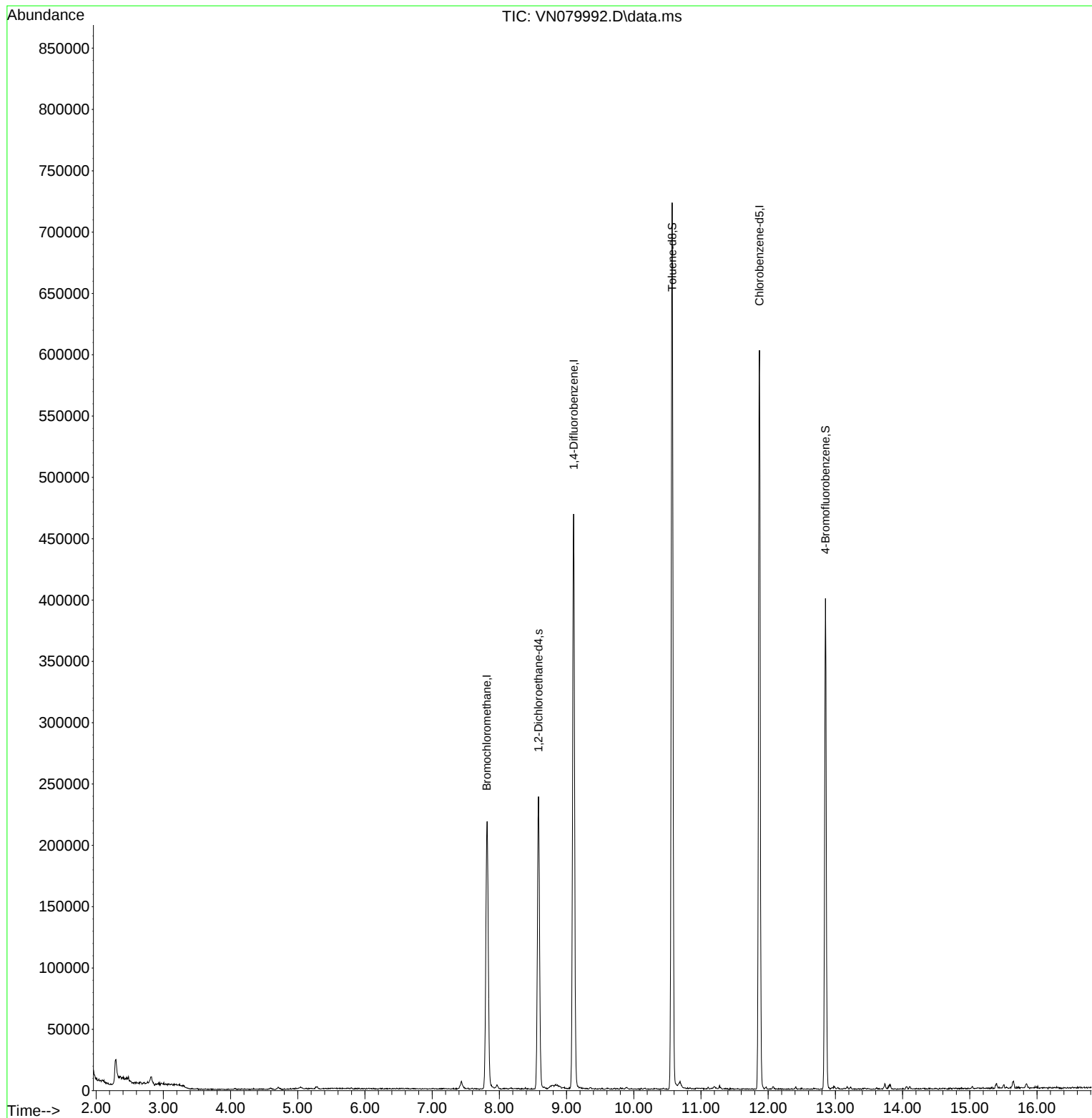
Target Compounds	Qvalue

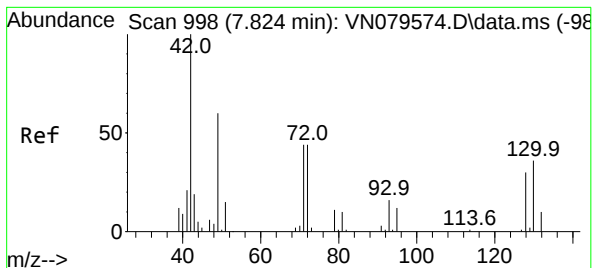
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 09 04:02:05 2023
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.012 min

Lab File: VN079992.D

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Instrument :

MSVOA_N

ClientSampleId :

IBLK

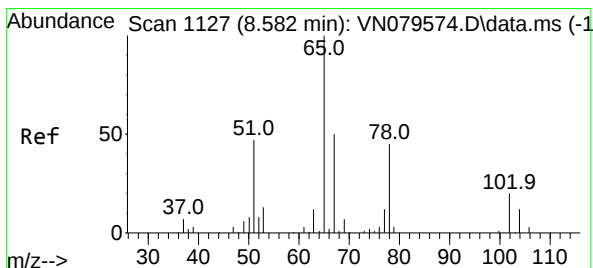
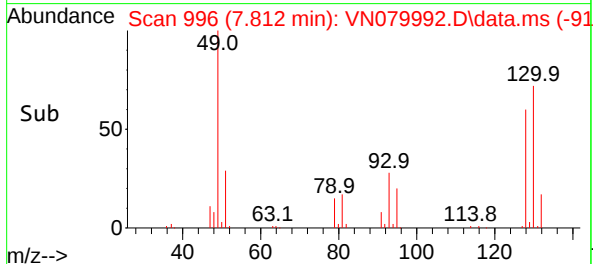
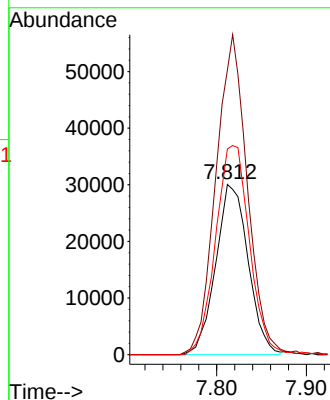
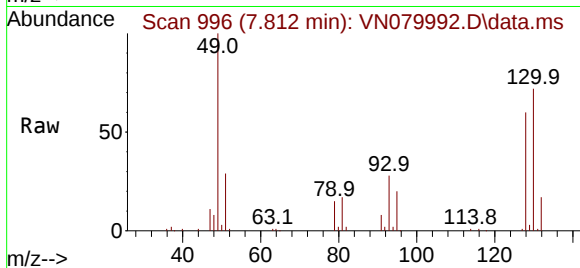
Tgt Ion:128 Resp: 75435

Ion Ratio Lower Upper

128 100

49 181.5 0.0 468.5

130 128.2 0.0 320.7



#27

1,2-Dichloroethane-d4

Concen: 30.994 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079992.D

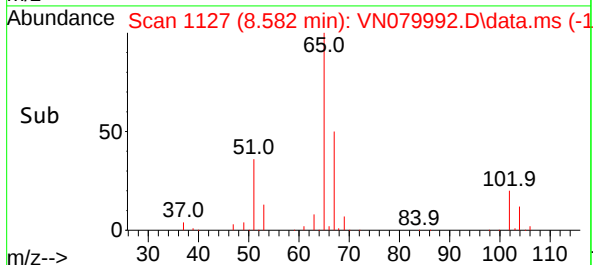
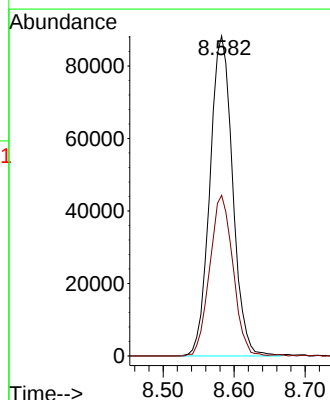
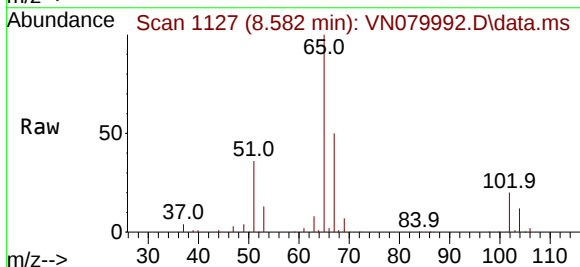
Acq: 08 Nov 2023 14:45

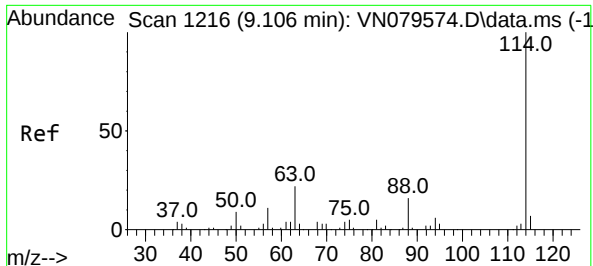
Tgt Ion: 65 Resp: 196263

Ion Ratio Lower Upper

65 100

67 51.2 42.1 63.1

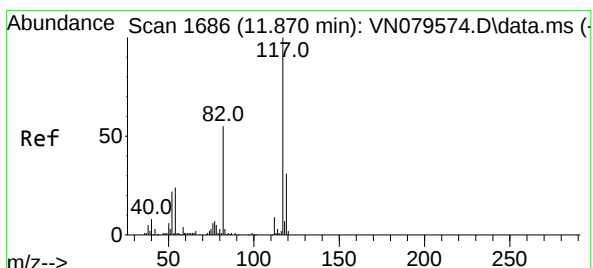
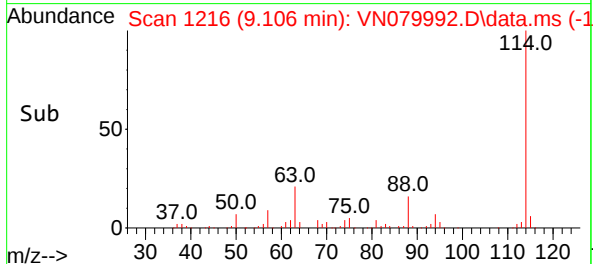
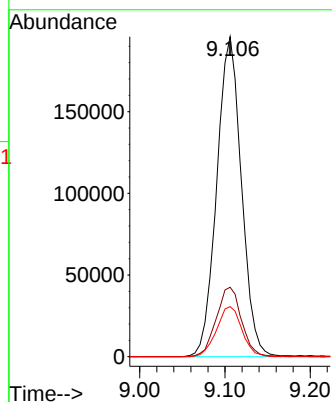
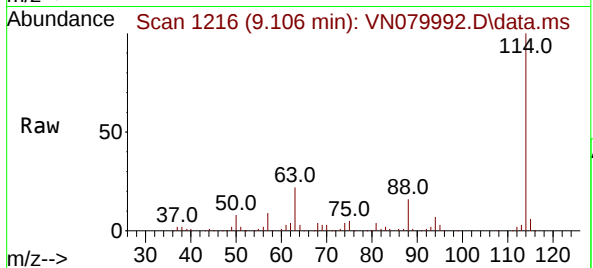




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN079992.D
Acq: 08 Nov 2023 14:45

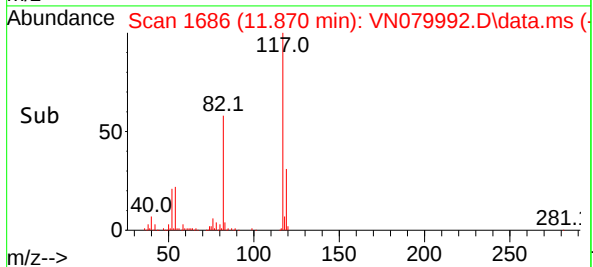
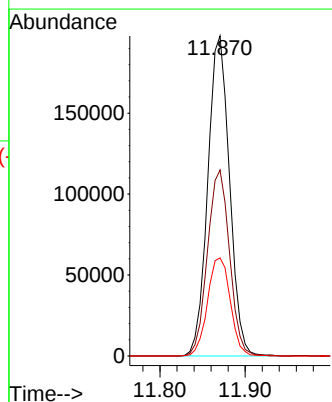
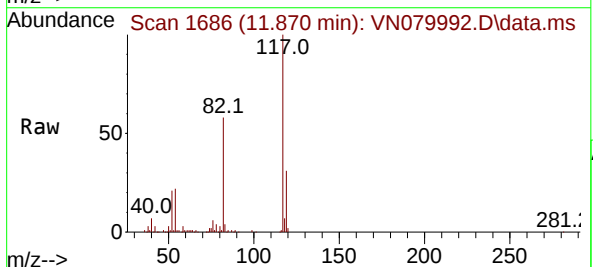
Instrument :
MSVOA_N
ClientSampleId :
IBLK

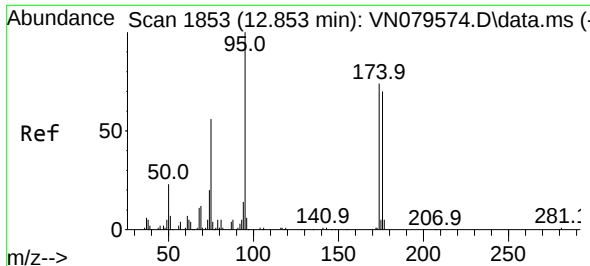
Tgt Ion:114 Resp: 393705
Ion Ratio Lower Upper
114 100
63 22.2 18.1 27.1
88 16.0 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079992.D
Acq: 08 Nov 2023 14:45

Tgt Ion:117 Resp: 350211
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.2
119 32.1 25.2 37.8

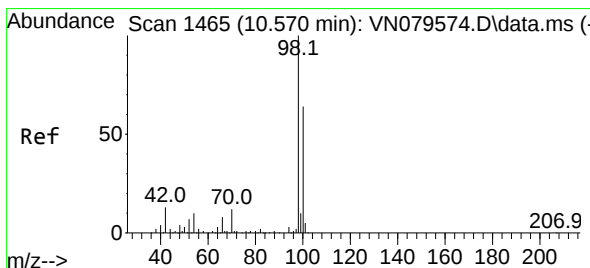
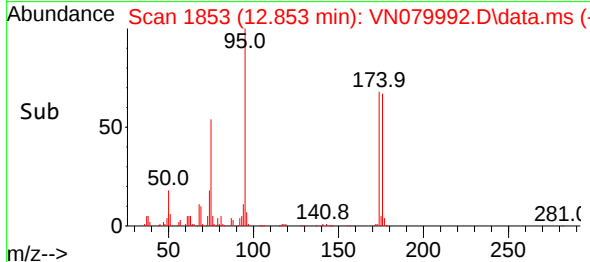
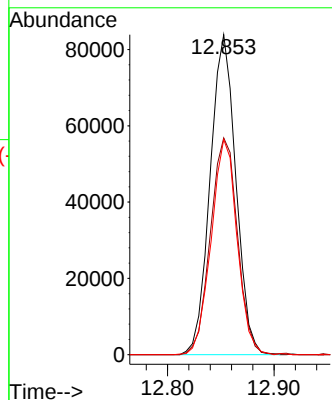
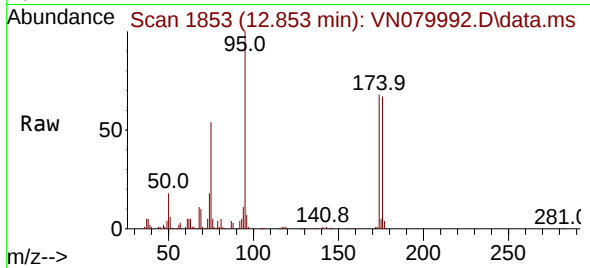




#60
4-Bromofluorobenzene
Concen: 25.086 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079992.D
Acq: 08 Nov 2023 14:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 140491
Ion Ratio Lower Upper
95 100
174 71.3 60.5 90.7
176 67.7 57.2 85.8



#63
Toluene-d8
Concen: 29.493 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN079992.D
Acq: 08 Nov 2023 14:45

Tgt Ion: 98 Resp: 489400
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4

