

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071360.D
 Acq On : 17 Mar 2022 18:47
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 18 07:03:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	97858	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	559808	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	479387	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	247207	31.818	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.067%
60) 4-Bromofluorobenzene	12.727	95	184537	24.917	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.067%
63) Toluene-d8	10.439	98	668211	30.301	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.000%

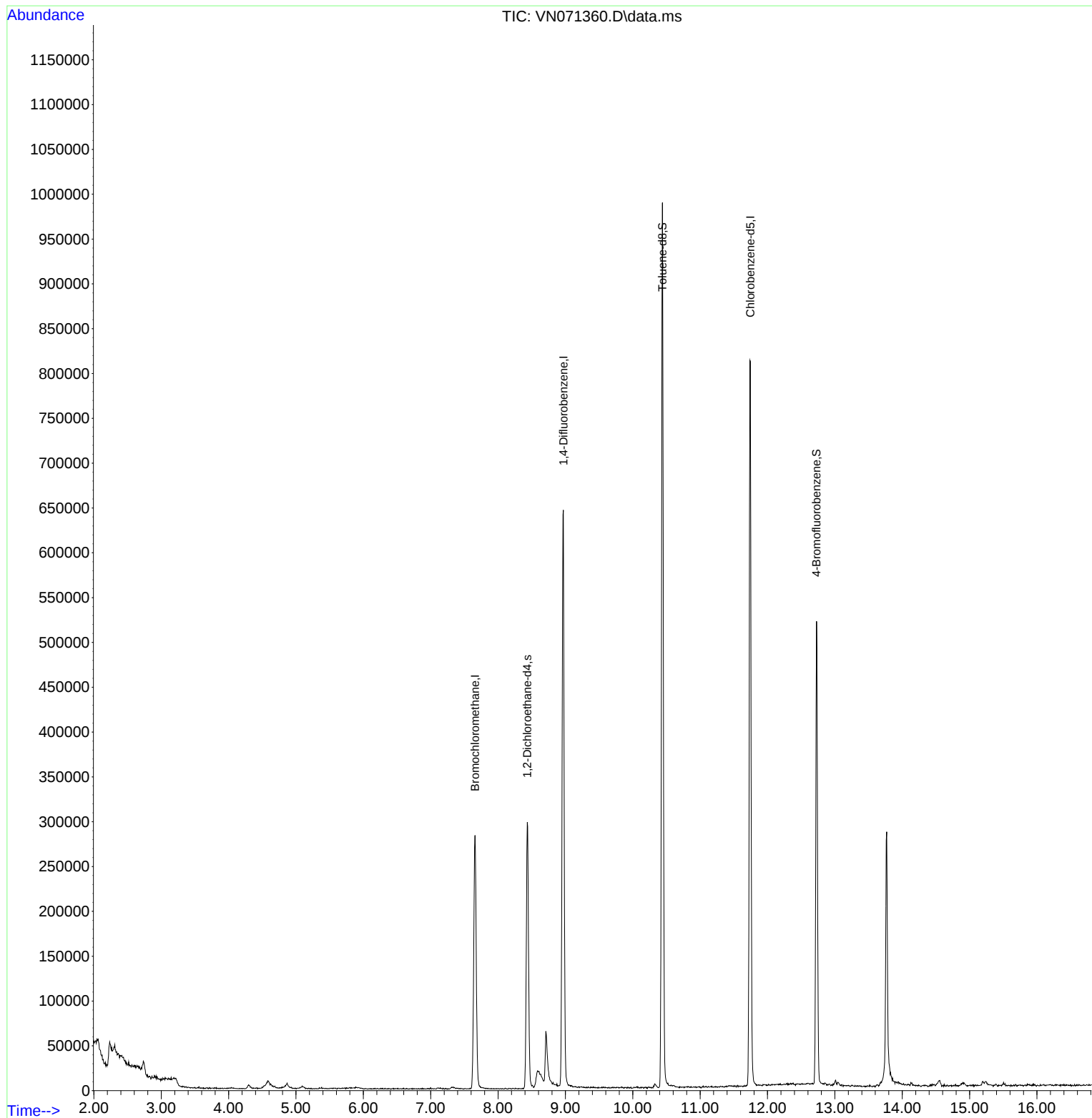
Target Compounds	Qvalue

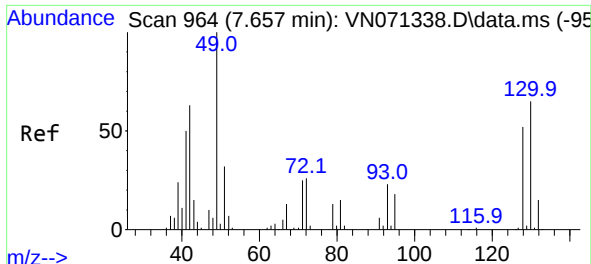
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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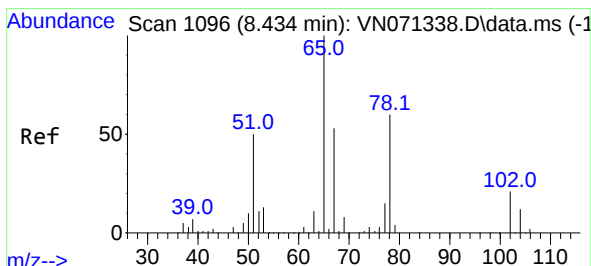
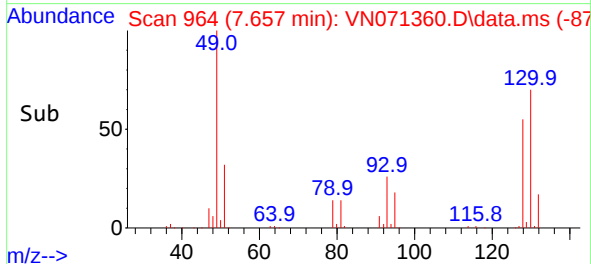
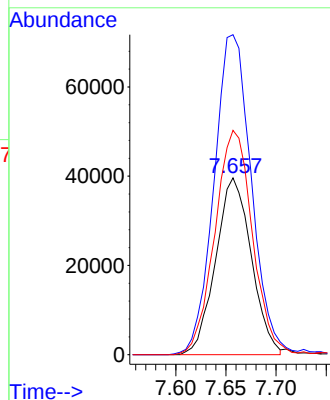
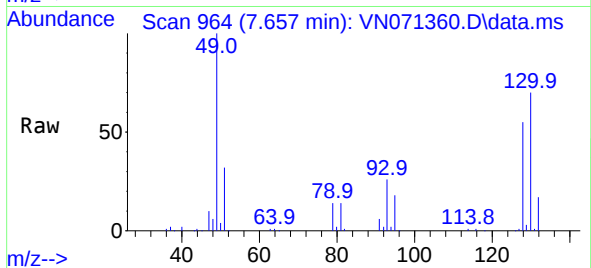




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

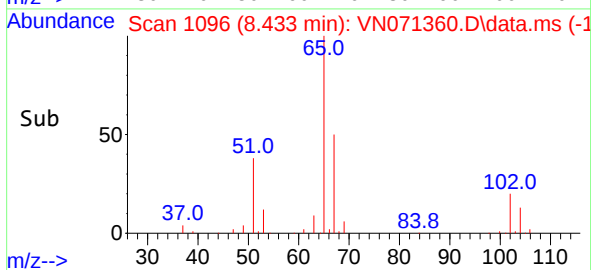
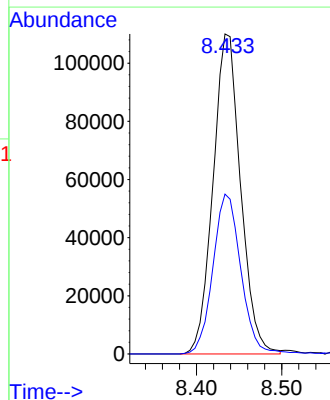
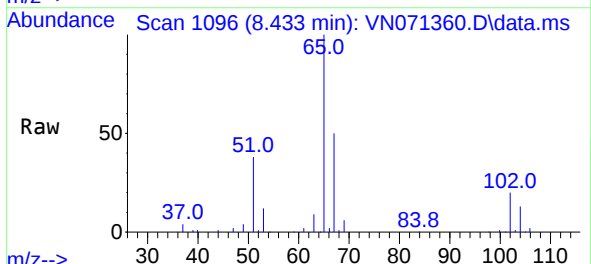
Instrument :
MSVOA_N
ClientSampleId :
IBLK

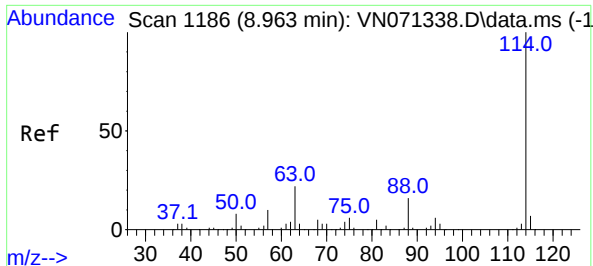
Tgt Ion:128 Resp: 97858
Ion Ratio Lower Upper
128 100
49 189.6 0.0 392.3
130 134.1 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 31.818 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Tgt Ion: 65 Resp: 247207
Ion Ratio Lower Upper
65 100
67 50.7 40.2 60.2

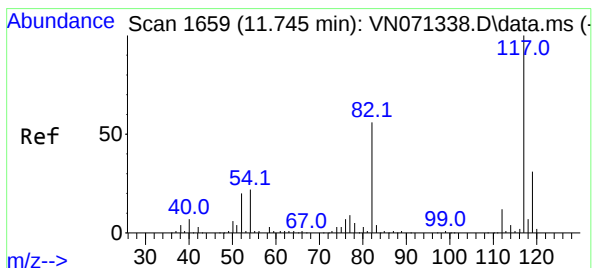
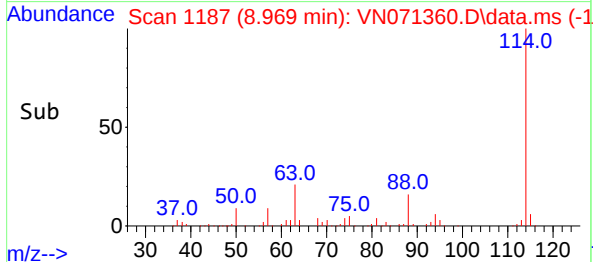
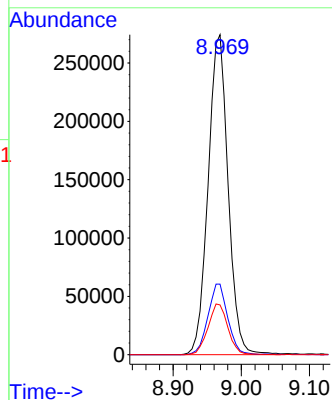
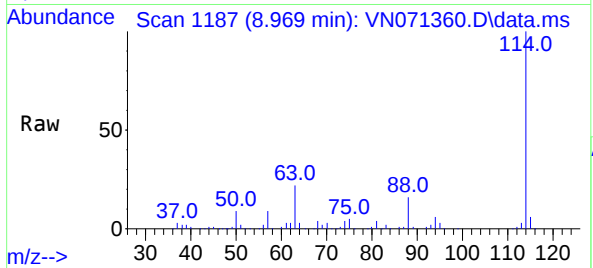




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

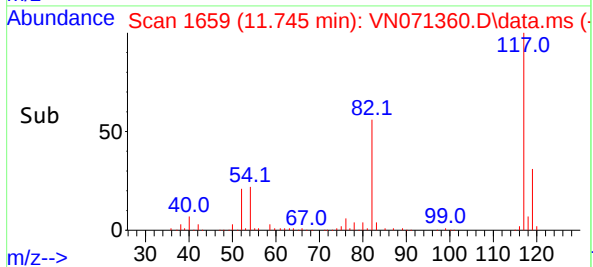
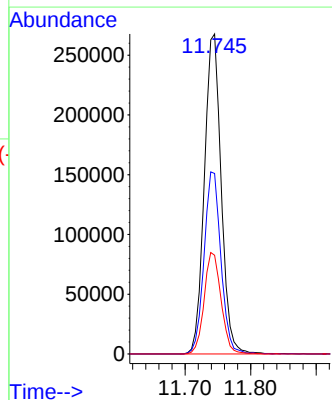
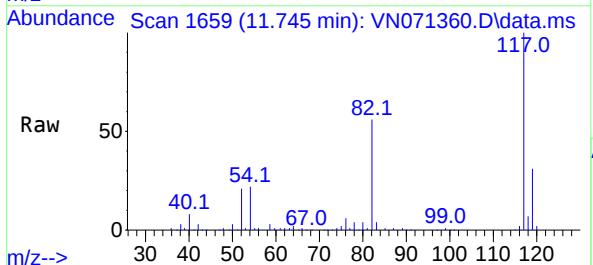
Instrument :
MSVOA_N
ClientSampleId :
IBLK

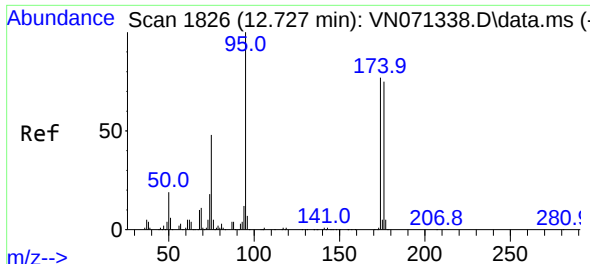
Tgt Ion:114 Resp: 559808
Ion Ratio Lower Upper
114 100
63 21.9 15.8 23.6
88 15.8 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Tgt Ion:117 Resp: 479387
Ion Ratio Lower Upper
117 100
82 56.7 43.6 65.4
119 31.7 25.8 38.6

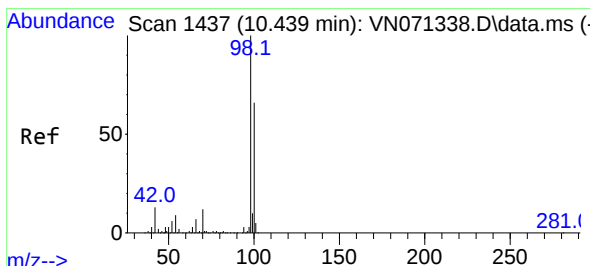
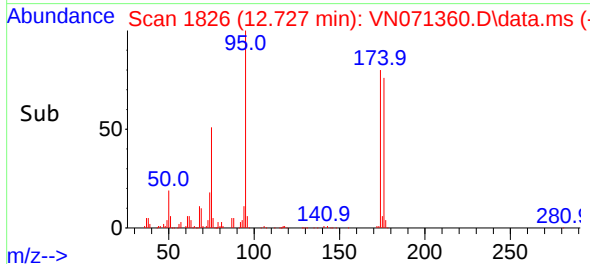
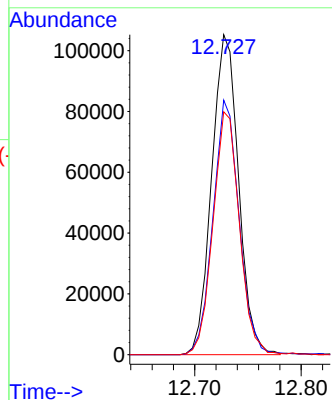
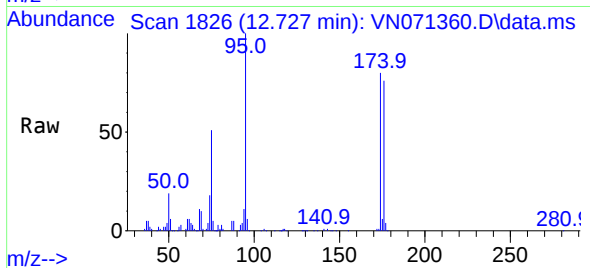




#60
4-Bromofluorobenzene
Concen: 24.917 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 184537
Ion Ratio Lower Upper
95 100
174 77.4 62.9 94.3
176 74.4 61.0 91.4



#63
Toluene-d8
Concen: 30.301 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Tgt Ion: 98 Resp: 668211
Ion Ratio Lower Upper
98 100
100 65.3 50.6 76.0

