

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071351.D
 Acq On : 17 Mar 2022 14:43
 Operator : JC\MD
 Sample : N1978-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20220315

Quant Time: Mar 17 15:23:10 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	113124	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	611785	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	508927	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	270469	30.114	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.367%
60) 4-Bromofluorobenzene	12.727	95	189448	24.095	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.333%
63) Toluene-d8	10.439	98	730408	31.199	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.000%

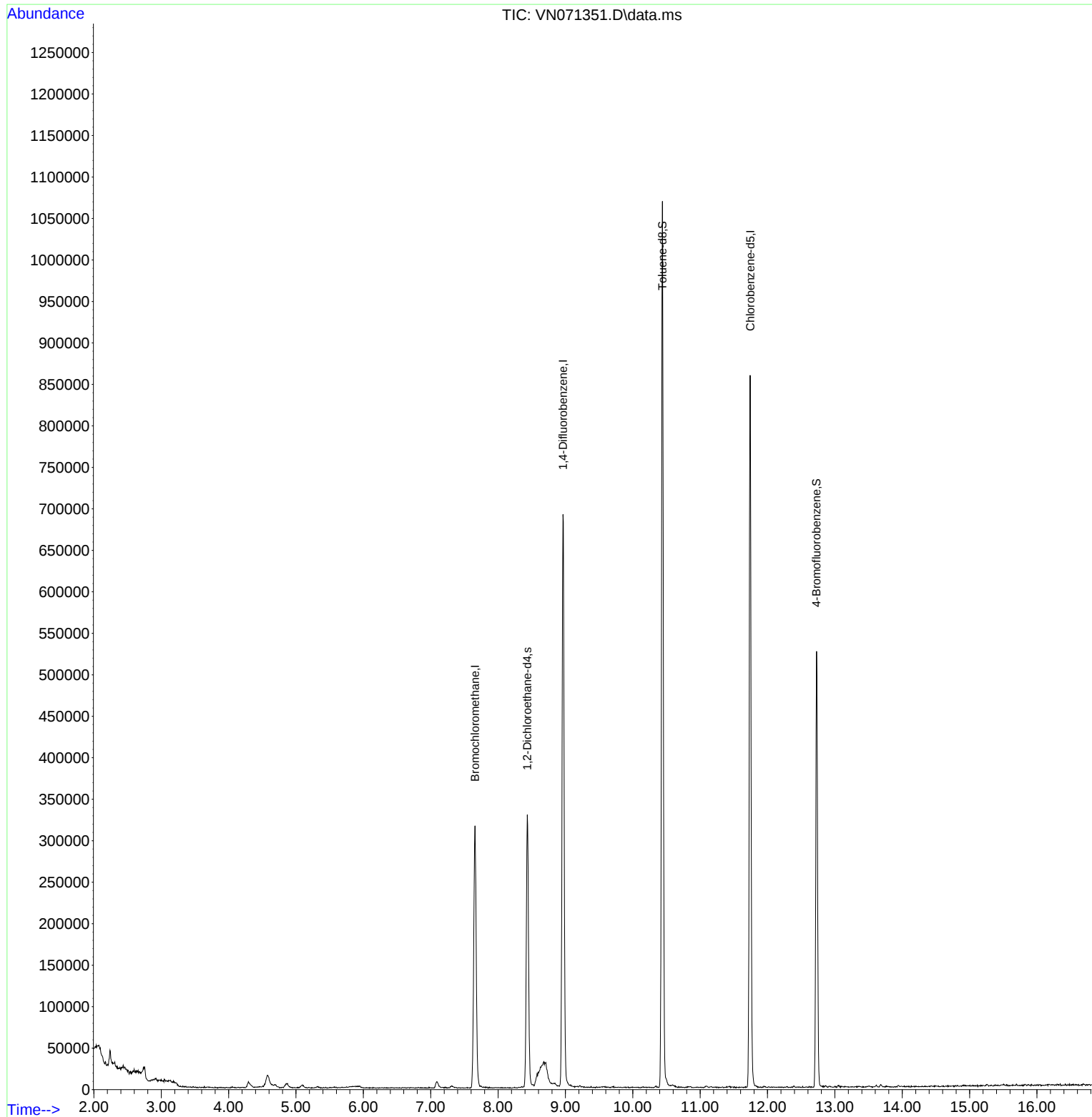
Target Compounds	Qvalue

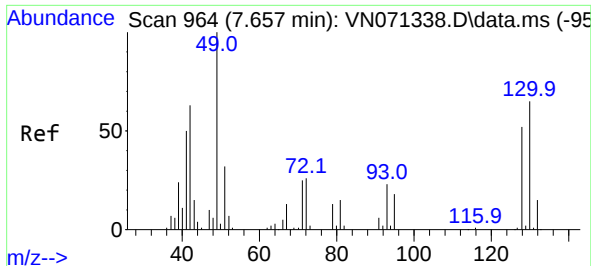
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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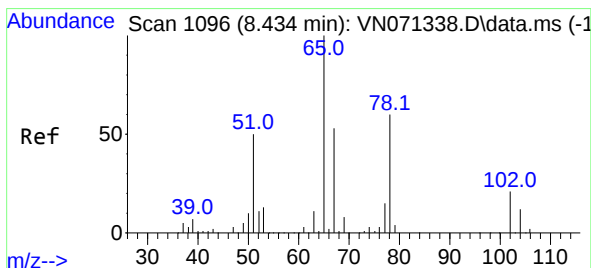
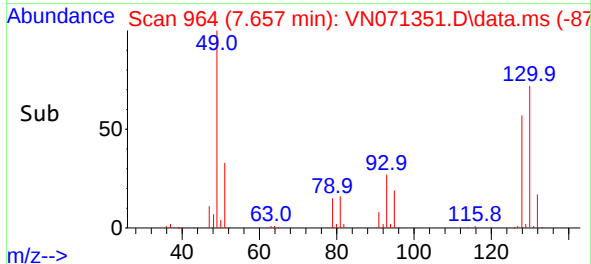
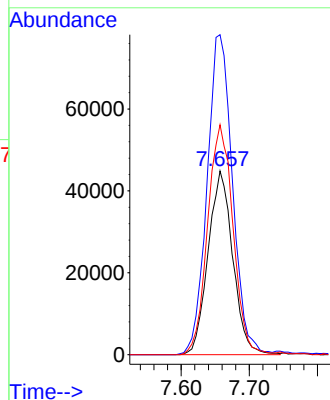
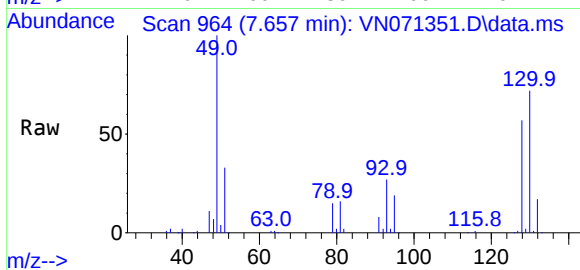




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071351.D
Acq: 17 Mar 2022 14:43

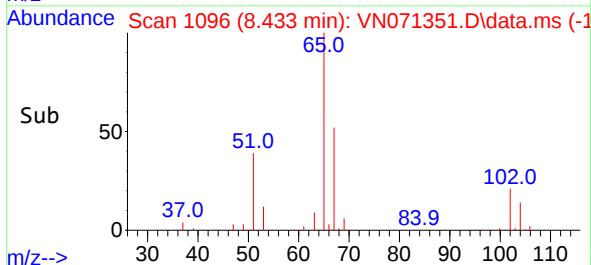
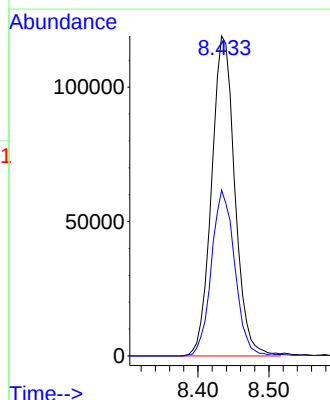
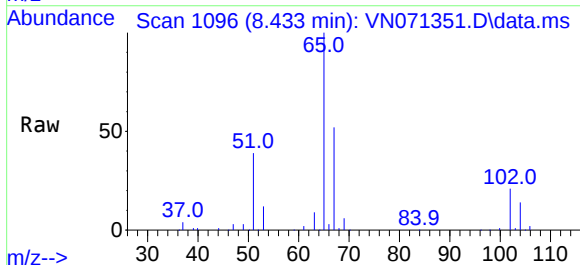
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220315

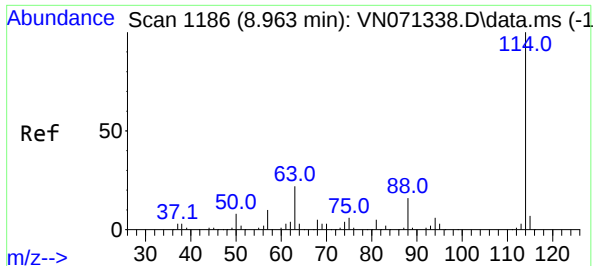
Tgt Ion:128 Resp: 113124
Ion Ratio Lower Upper
128 100
49 179.2 0.0 392.3
130 129.0 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 30.114 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071351.D
Acq: 17 Mar 2022 14:43

Tgt Ion: 65 Resp: 270469
Ion Ratio Lower Upper
65 100
67 52.1 40.2 60.2

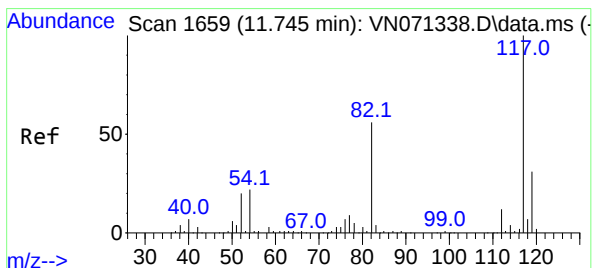
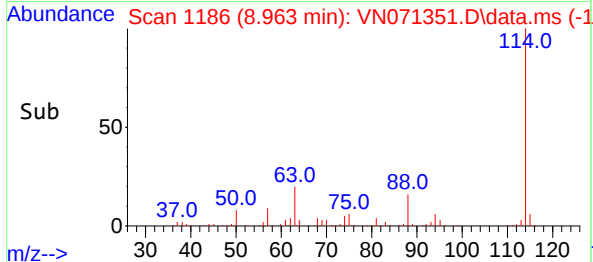
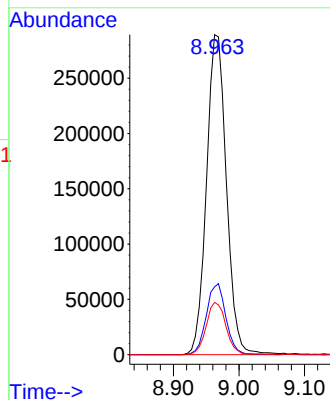
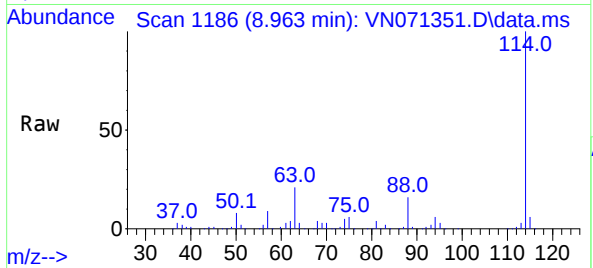




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071351.D
Acq: 17 Mar 2022 14:43

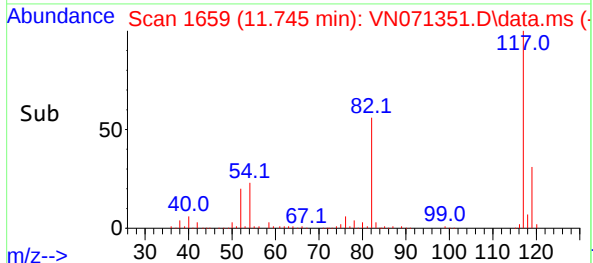
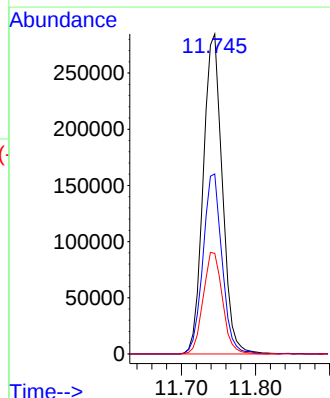
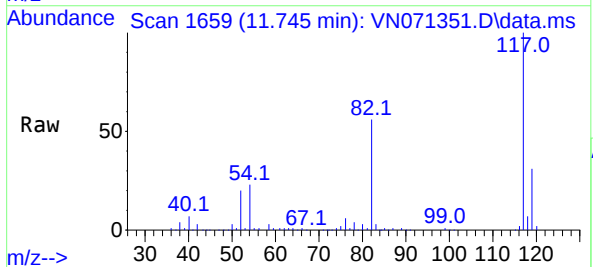
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220315

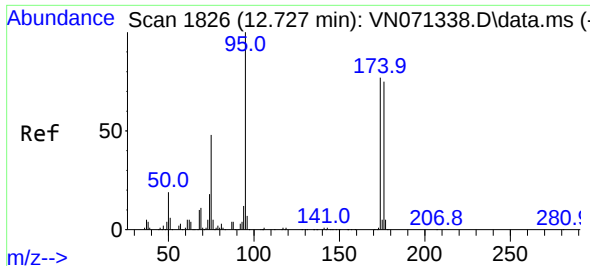
Tgt Ion:114 Resp: 611785
Ion Ratio Lower Upper
114 100
63 21.8 15.8 23.6
88 16.2 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN071351.D
Acq: 17 Mar 2022 14:43

Tgt Ion:117 Resp: 508927
Ion Ratio Lower Upper
117 100
82 56.3 43.6 65.4
119 32.1 25.8 38.6

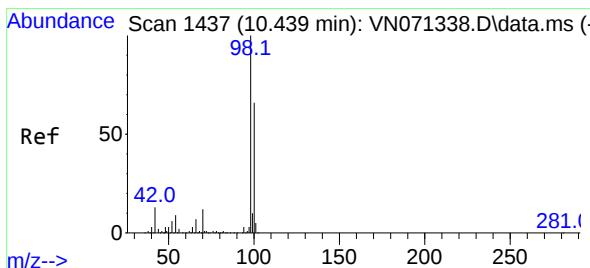
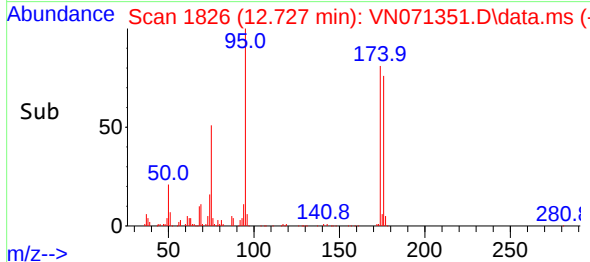
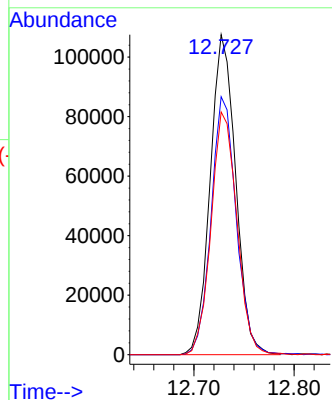
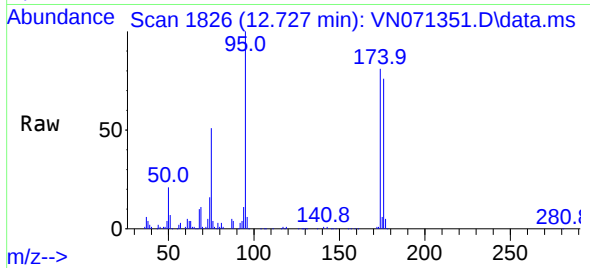




#60
4-Bromofluorobenzene
Concen: 24.095 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071351.D
Acq: 17 Mar 2022 14:43

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220315

Tgt Ion: 95 Resp: 189448
Ion Ratio Lower Upper
95 100
174 79.8 62.9 94.3
176 77.0 61.0 91.4



#63
Toluene-d8
Concen: 31.199 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071351.D
Acq: 17 Mar 2022 14:43

Tgt Ion: 98 Resp: 730408
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0

