

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
 Data File : VN065800.D
 Acq On : 10 Feb 2021 16:57
 Operator : JC/MD
 Sample : VN0210WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBL02

Quant Time: Feb 11 01:33:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:50:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.145	128	18810	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	103847	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	86733	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.984	65	37184	28.50	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.00%
60) 4-Bromofluorobenzene	12.373	95	34262	24.28	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.93%
63) Toluene-d8	10.055	98	125669	30.14	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.47%

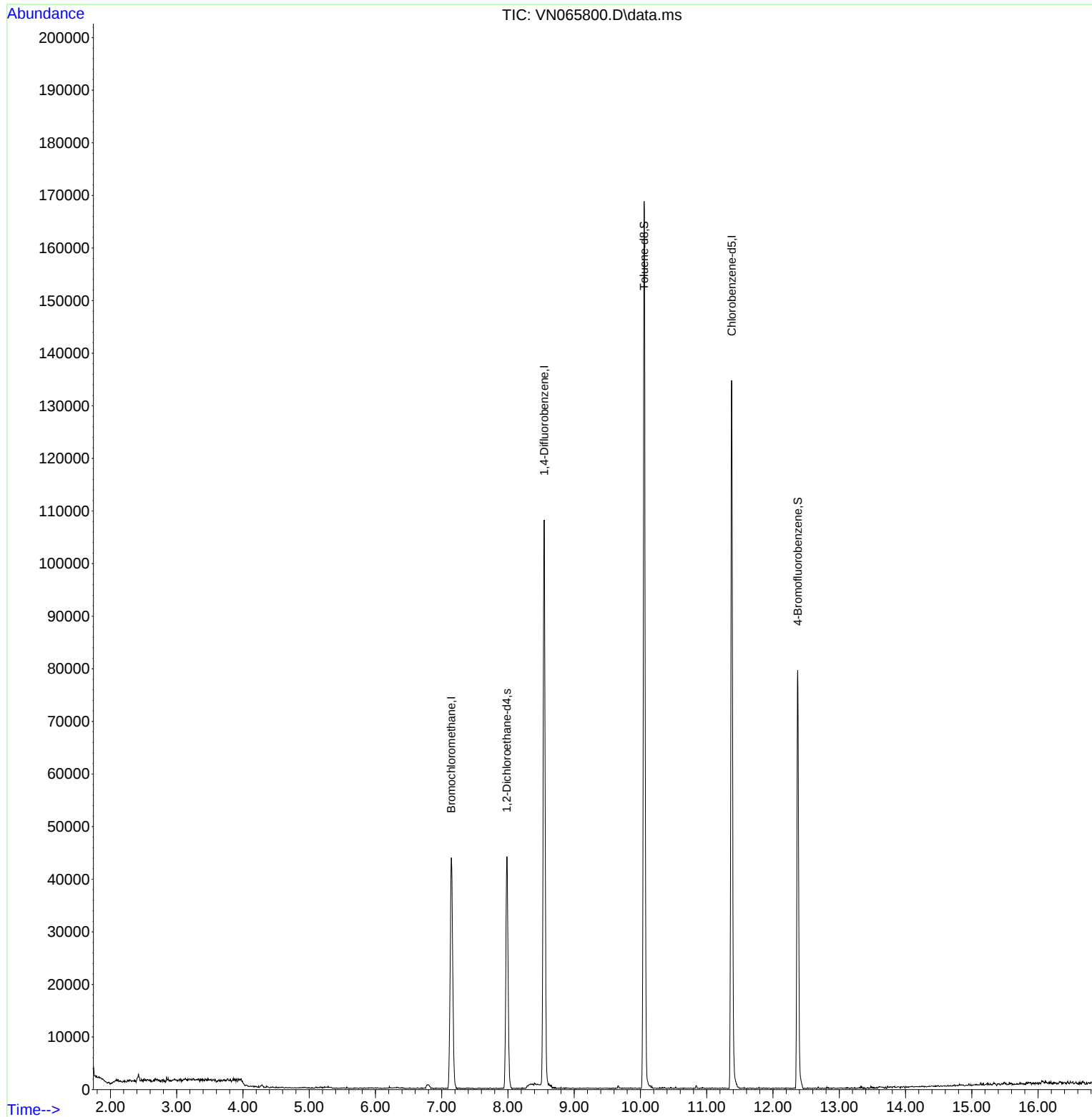
Target Compounds	Qvalue

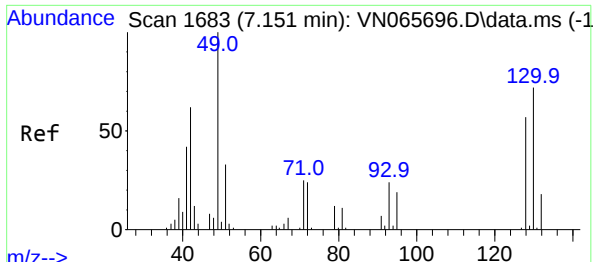
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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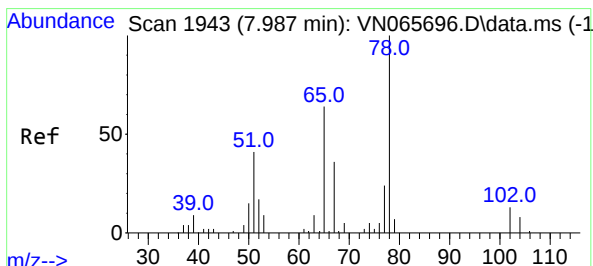
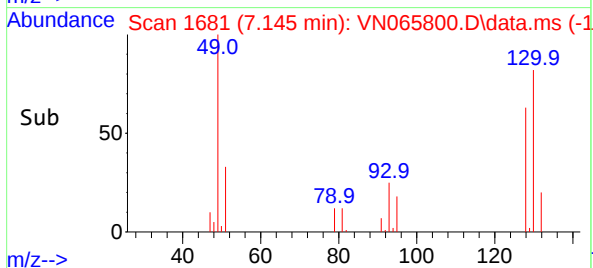
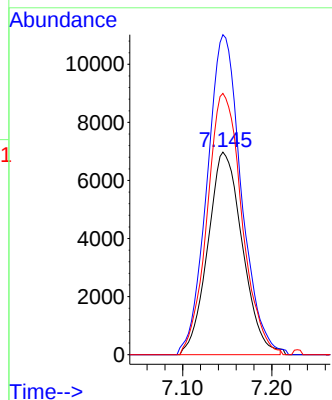
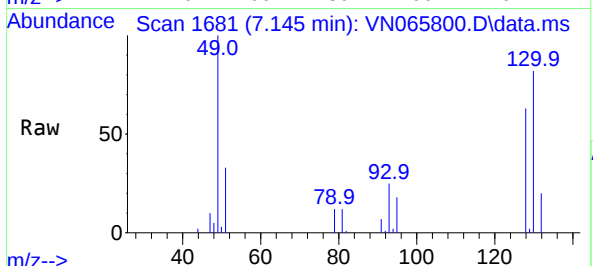




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.145 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN065800.D
Acq: 10 Feb 2021 16:57

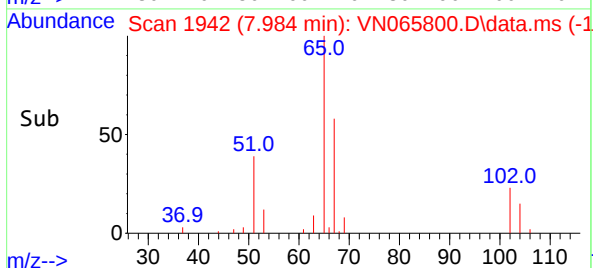
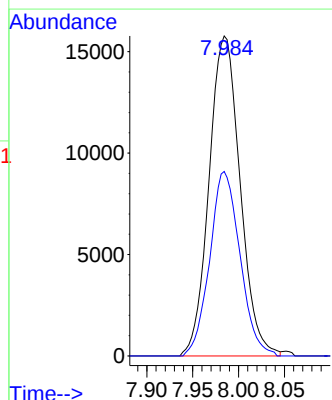
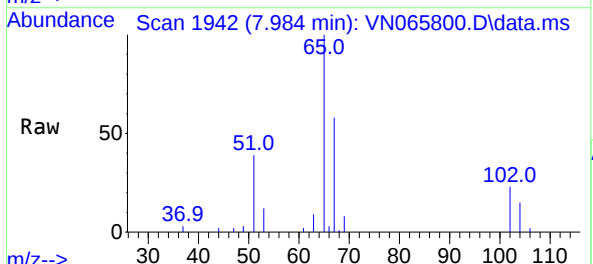
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL02

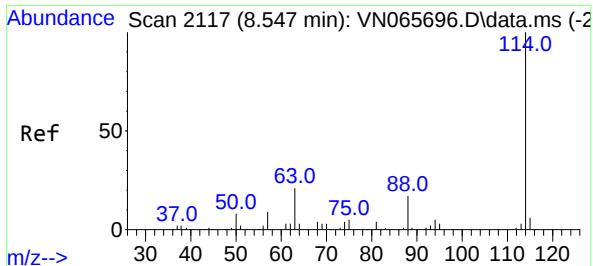
Tgt Ion:128 Resp: 18810
Ion Ratio Lower Upper
128 100
49 156.7 0.0 355.0
130 129.6 0.0 325.5



#27
1,2-Dichloroethane-d4
Concen: 28.50 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065800.D
Acq: 10 Feb 2021 16:57

Tgt Ion: 65 Resp: 37184
Ion Ratio Lower Upper
65 100
67 56.2 42.8 64.2



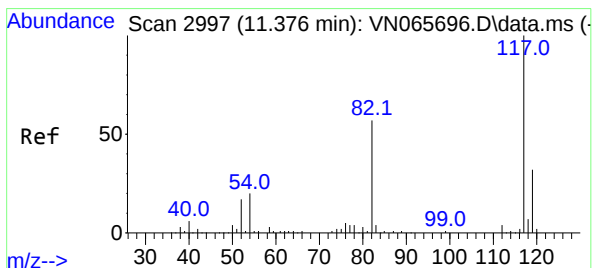
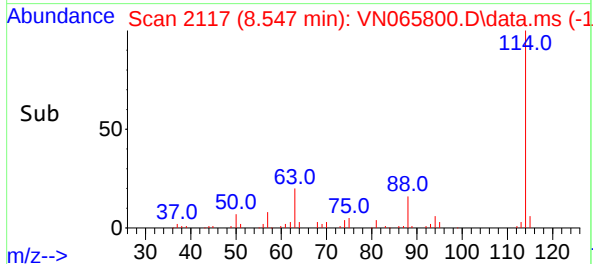
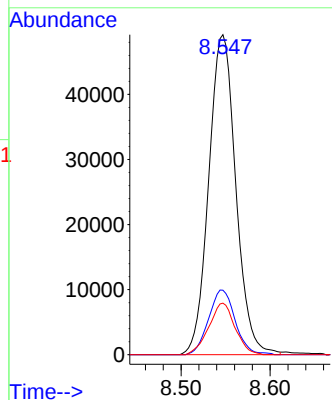
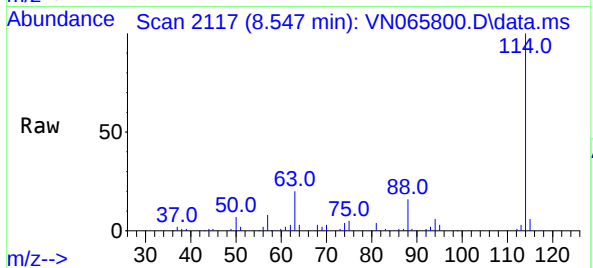


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN065800.D
Acq: 10 Feb 2021 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL02

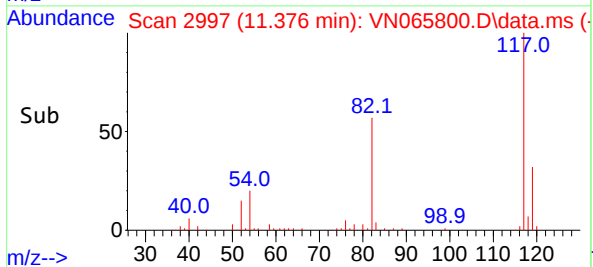
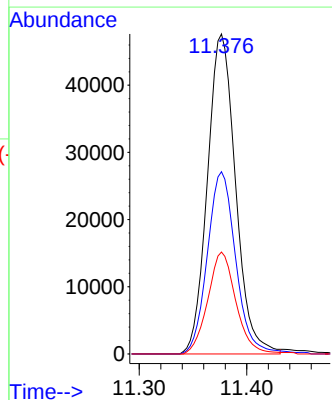
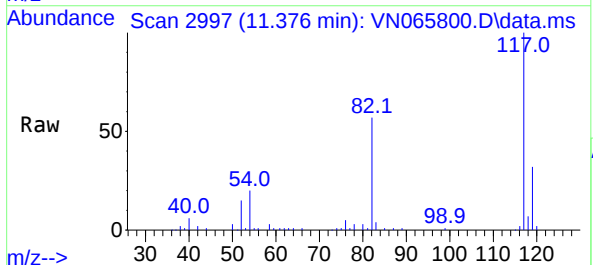
Tgt Ion:114 Resp: 103847
Ion Ratio Lower Upper
114 100
63 19.9 14.7 22.1
88 15.6 11.7 17.5

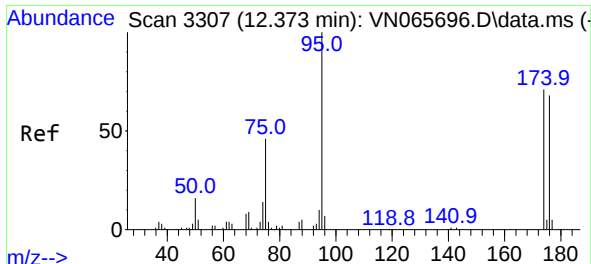


#57

Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065800.D
Acq: 10 Feb 2021 16:57

Tgt Ion:117 Resp: 86733
Ion Ratio Lower Upper
117 100
82 57.4 41.3 61.9
119 31.7 25.7 38.5

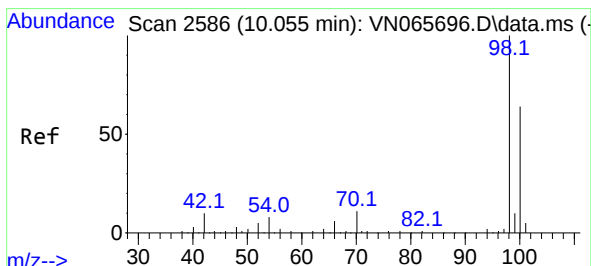
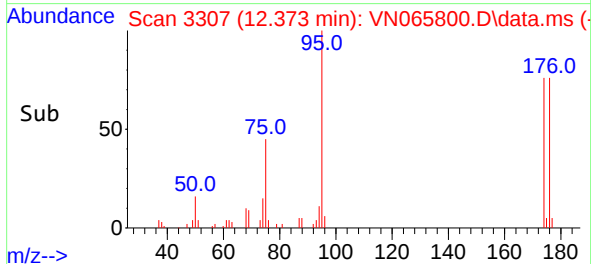
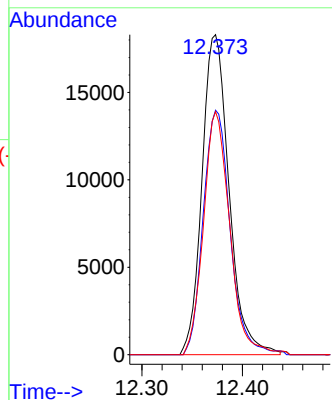
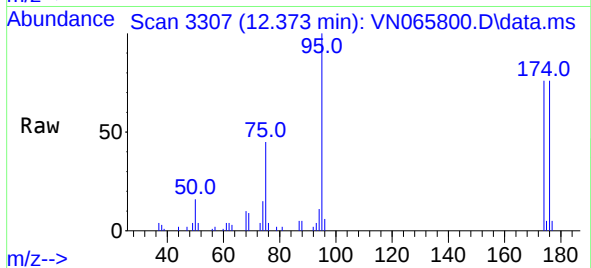




#60
4-Bromofluorobenzene
Concen: 24.28 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065800.D
Acq: 10 Feb 2021 16:57

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL02

Tgt Ion: 95 Resp: 34262
Ion Ratio Lower Upper
95 100
174 75.8 77.0 115.6#
176 73.6 75.8 113.6#



#63
Toluene-d8
Concen: 30.14 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.000 min
Lab File: VN065800.D
Acq: 10 Feb 2021 16:57

Tgt Ion: 98 Resp: 125669
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

