

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065833.D
 Acq On : 12 Feb 2021 13:01
 Operator : JC/MD
 Sample : VN0212WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBL01

Quant Time: Feb 13 01:00:37 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	7.148	128	34186	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.547	114	191529	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.376	117	159810	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.984	65	67780	28.58	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.27%
60) 4-Bromofluorobenzene	12.373	95	68317	26.28	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.60%
63) Toluene-d8	10.055	98	236448	30.77	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.57%

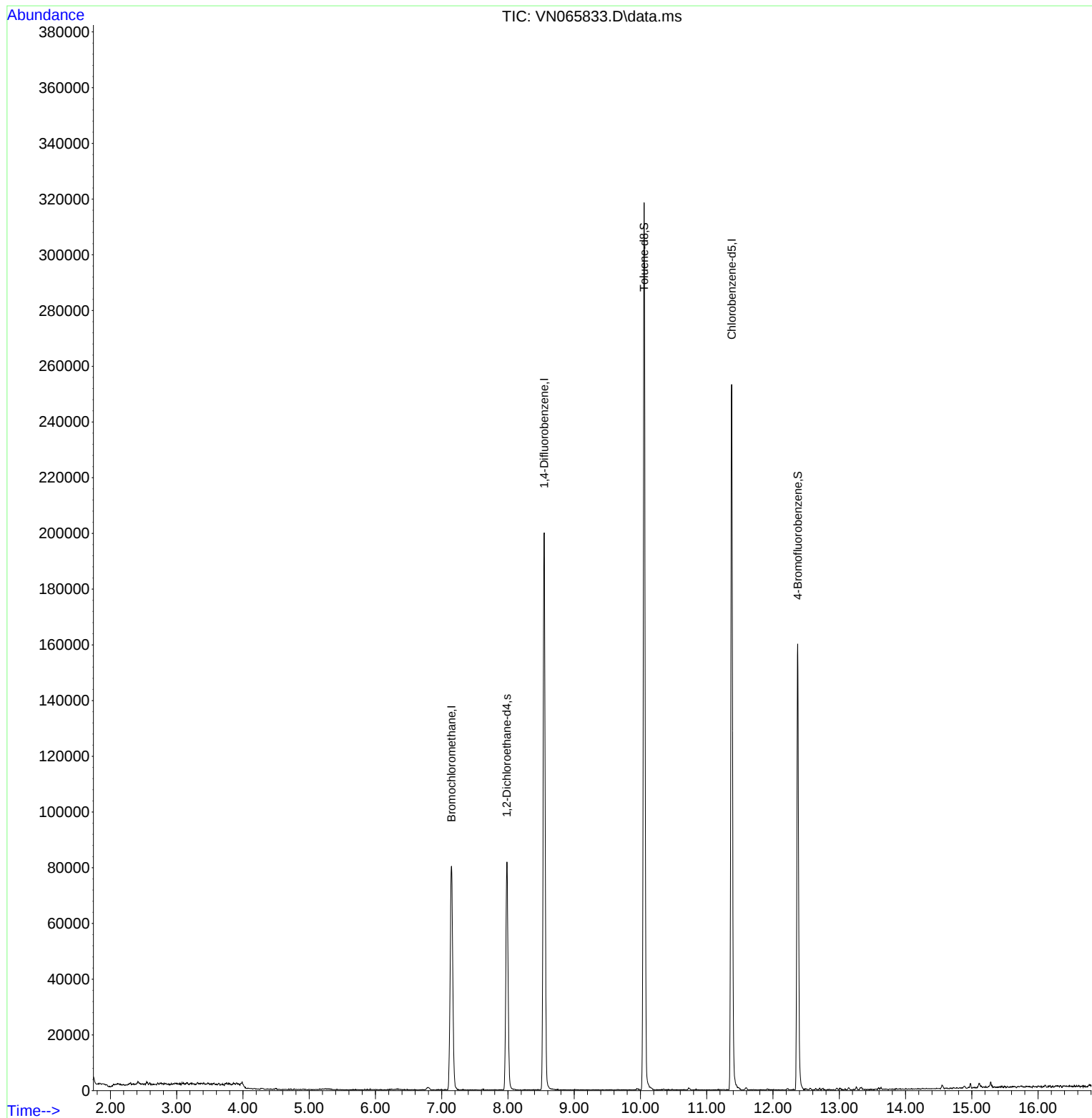
Target Compounds	Qvalue

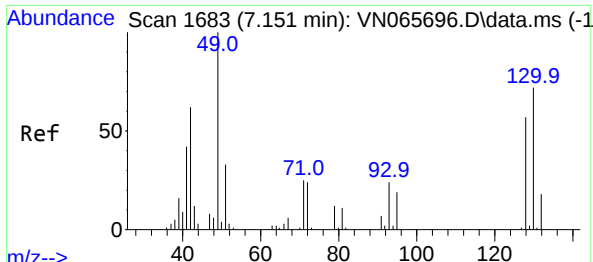
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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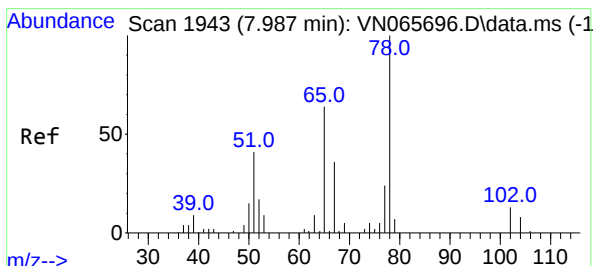
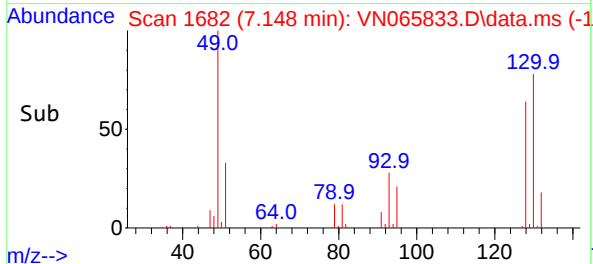
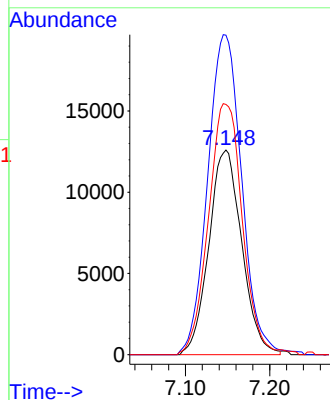
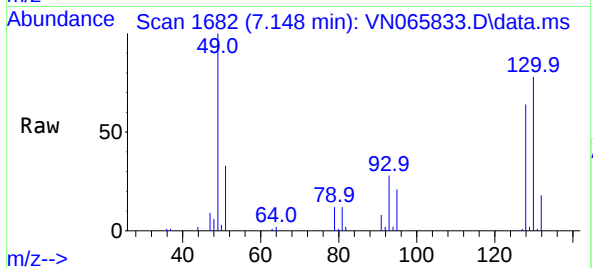




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.148 min Scan# 1682
Delta R.T. -0.003 min
Lab File: VN065833.D
Acq: 12 Feb 2021 13:01

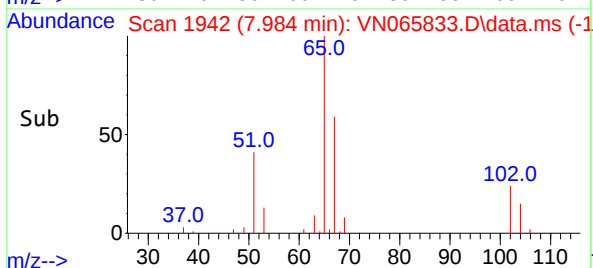
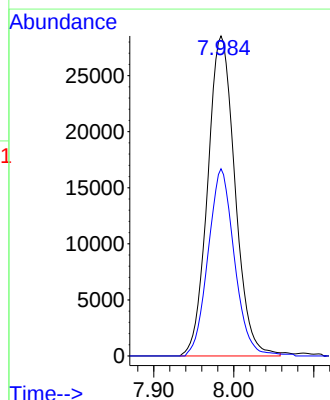
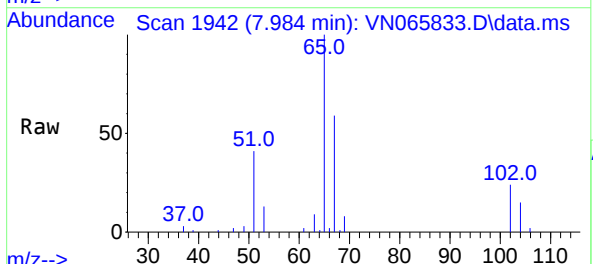
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBL01

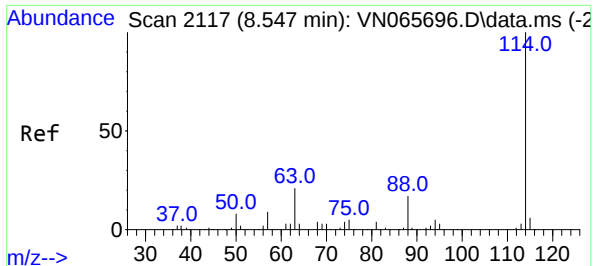
Tgt Ion:128 Resp: 34186
Ion Ratio Lower Upper
128 100
49 161.7 0.0 355.0
130 125.8 0.0 325.5



#27
1,2-Dichloroethane-d4
Concen: 28.58 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065833.D
Acq: 12 Feb 2021 13:01

Tgt Ion: 65 Resp: 67780
Ion Ratio Lower Upper
65 100
67 56.2 42.8 64.2



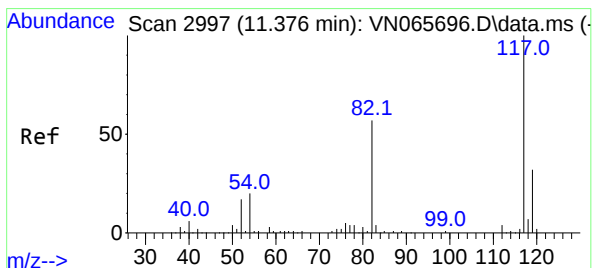
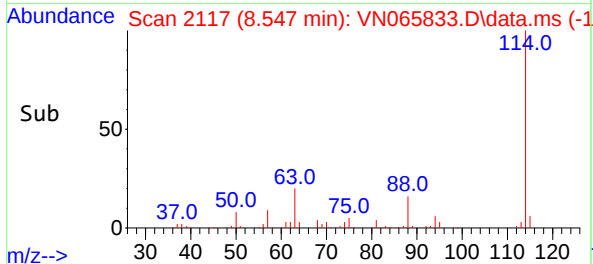
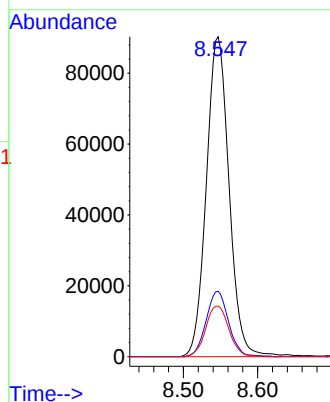
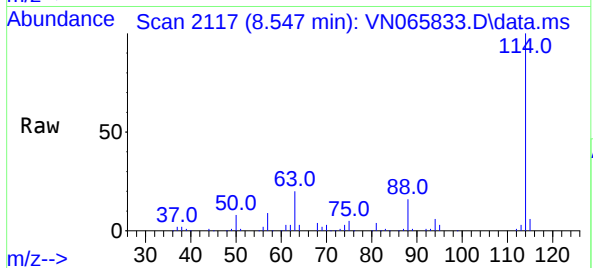


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN065833.D
Acq: 12 Feb 2021 13:01

Instrument :
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VN0212WBL01

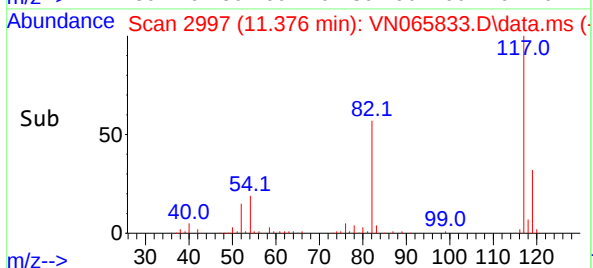
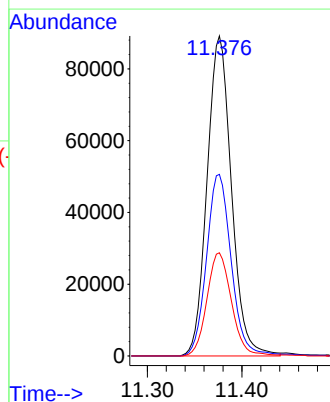
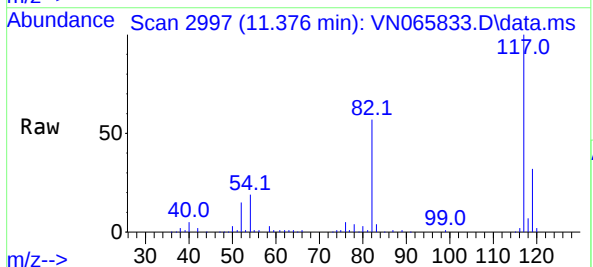
Tgt Ion:114 Resp: 191529
Ion Ratio Lower Upper
114 100
63 20.2 14.7 22.1
88 16.2 11.7 17.5

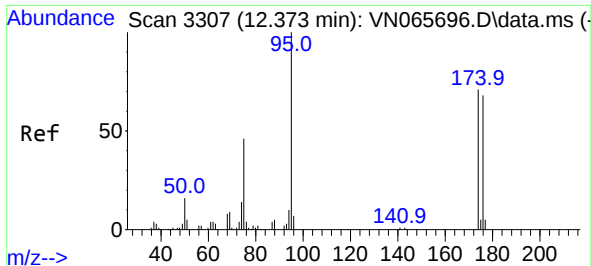


#57

Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065833.D
Acq: 12 Feb 2021 13:01

Tgt Ion:117 Resp: 159810
Ion Ratio Lower Upper
117 100
82 57.5 41.3 61.9
119 32.4 25.7 38.5

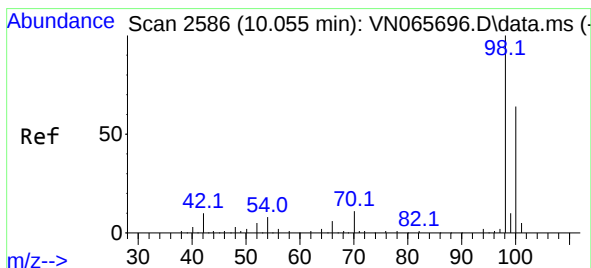
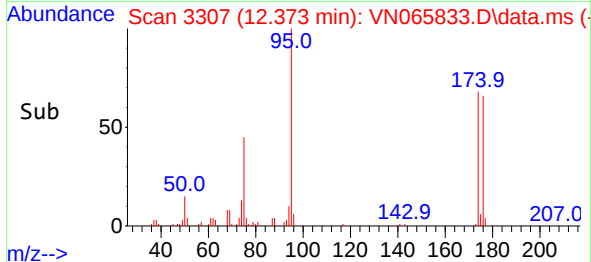
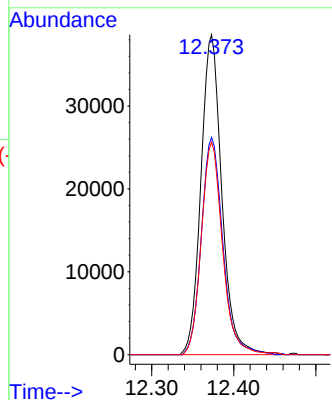
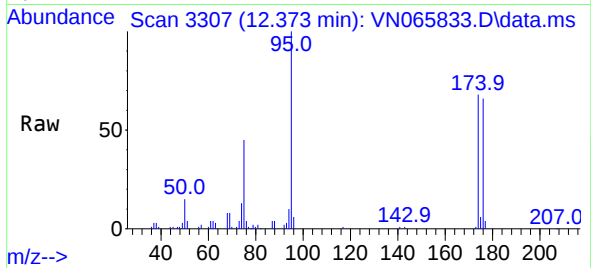




#60
4-Bromofluorobenzene
Concen: 26.28 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065833.D
Acq: 12 Feb 2021 13:01

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Tgt Ion: 95 Resp: 68317
Ion Ratio Lower Upper
95 100
174 69.8 77.0 115.6#
176 67.2 75.8 113.6#



#63
Toluene-d8
Concen: 30.77 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.000 min
Lab File: VN065833.D
Acq: 12 Feb 2021 13:01

Tgt Ion: 98 Resp: 236448
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

