

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
 Data File : VN065336.D
 Acq On : 31 Dec 2020 10:11
 Operator : JC/MD
 Sample : VN1231WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231WBL01

Quant Time: Jan 01 01:13:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 21 13:17:58 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.154	128	38519	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	205565	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.379	117	173897	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.990	65	78079	27.94	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.13%
60) 4-Bromofluorobenzene	12.376	95	65098	23.54	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.47%
63) Toluene-d8	10.058	98	237034	30.73	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.43%

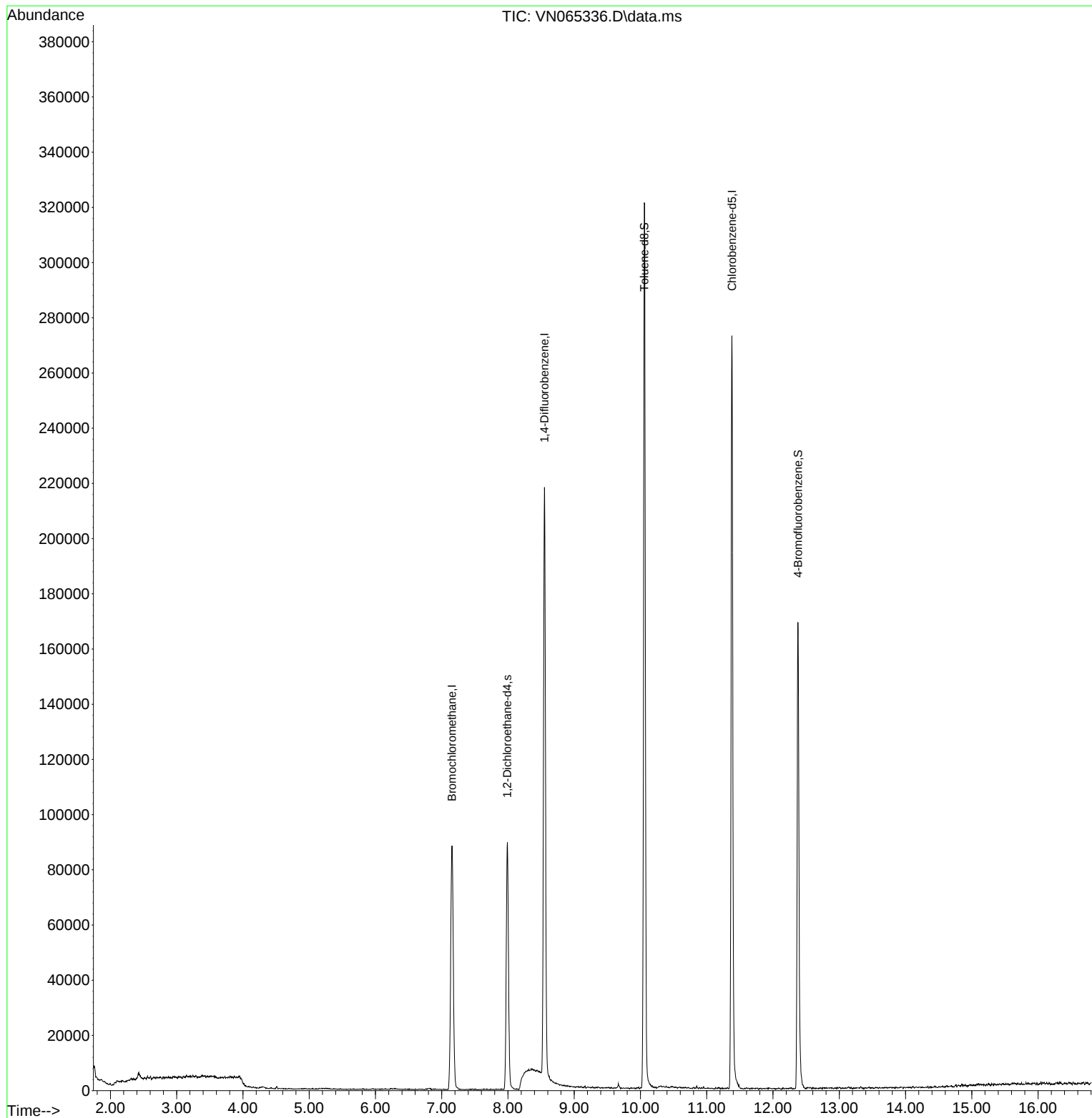
Target Compounds	Qvalue

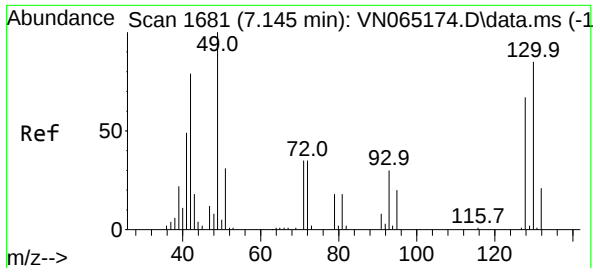
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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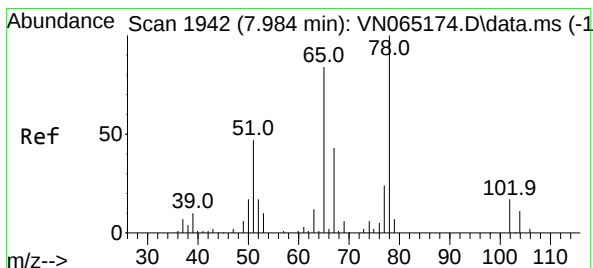
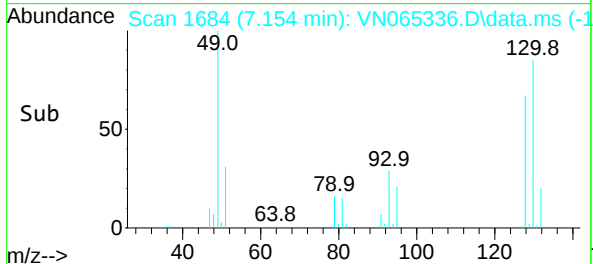
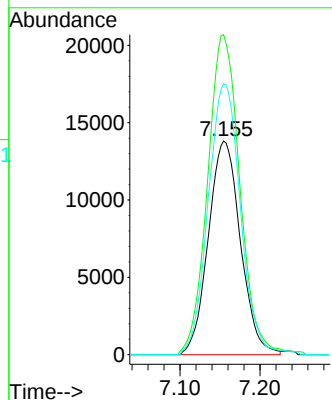
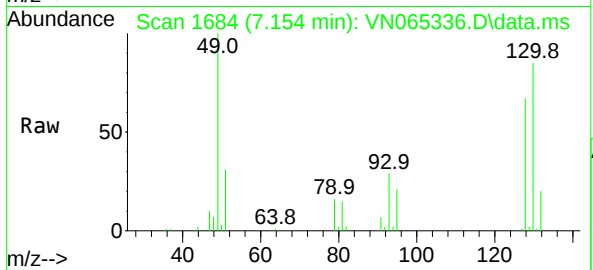




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.154 min Scan# 1684
Delta R.T. 0.010 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

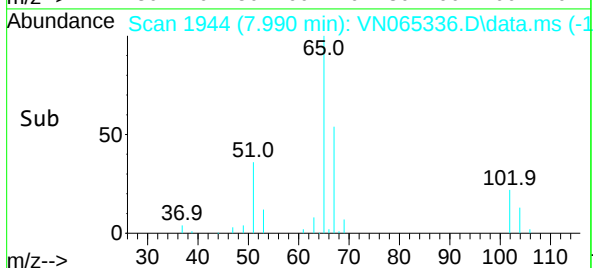
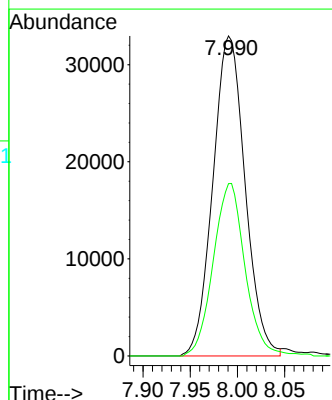
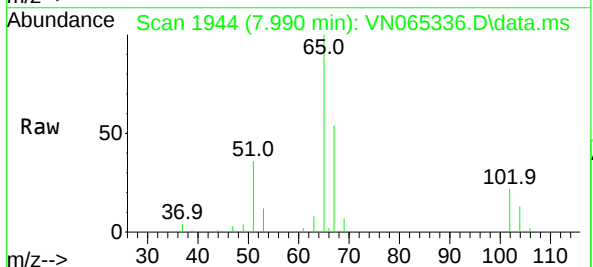
Instrument :
MSVOA_N
ClientSampleId :
VN1231WBL01

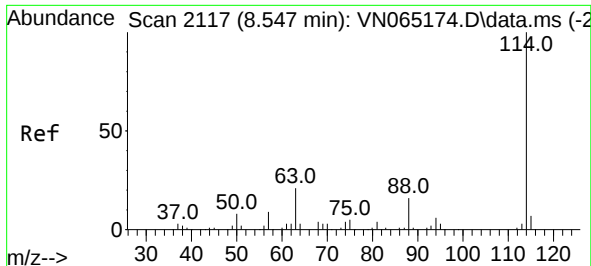
Tgt Ion:128 Resp: 38519
Ion Ratio Lower Upper
128 100
49 150.2 0.0 475.5
130 127.9 0.0 315.3



#27
1,2-Dichloroethane-d4
Concen: 27.94 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

Tgt Ion: 65 Resp: 78079
Ion Ratio Lower Upper
65 100
67 53.0 41.1 61.7

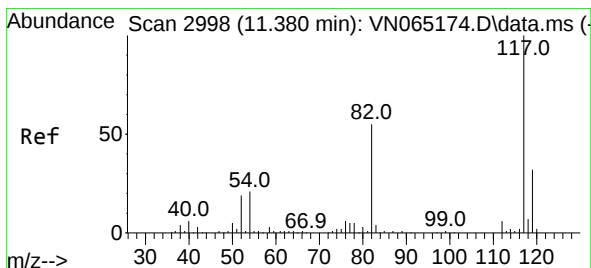
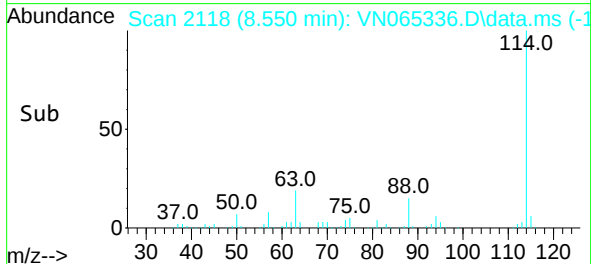
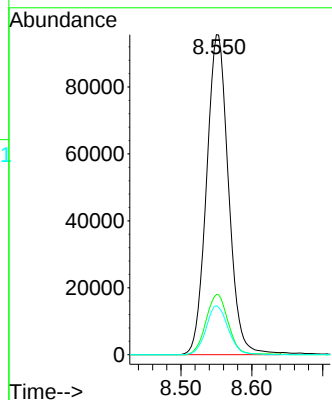
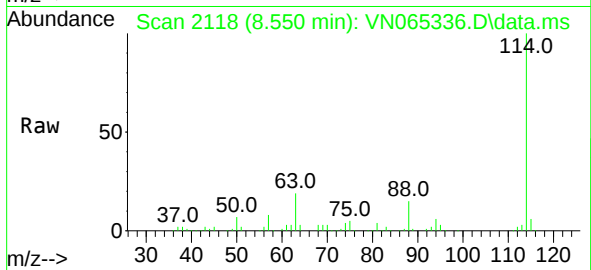




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

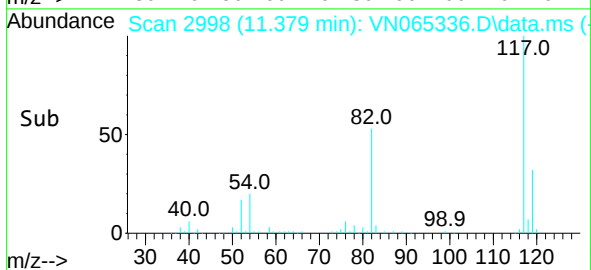
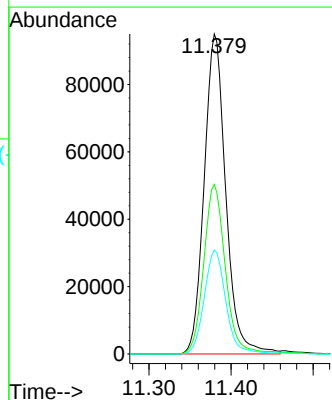
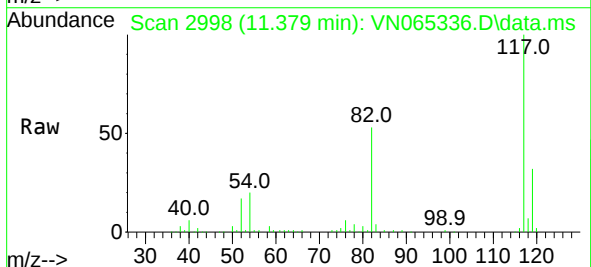
Instrument :
MSVOA_N
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VN1231WBL01

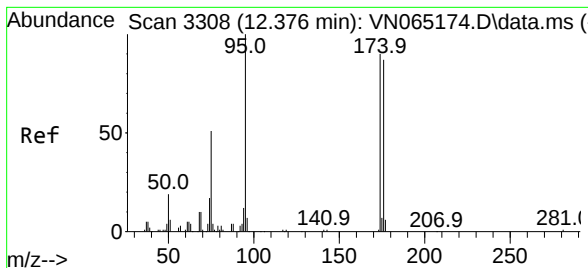
Tgt Ion:114 Resp: 205565
Ion Ratio Lower Upper
114 100
63 19.1 18.5 27.7
88 15.3 13.0 19.6



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

Tgt Ion:117 Resp: 173897
Ion Ratio Lower Upper
117 100
82 52.5 47.8 71.8
119 32.4 25.7 38.5

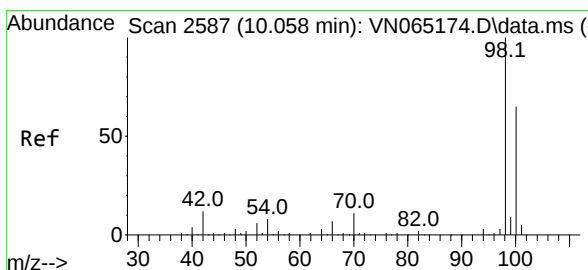
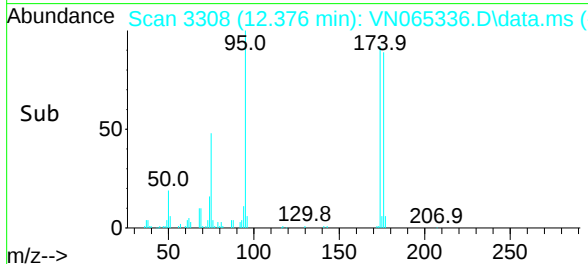
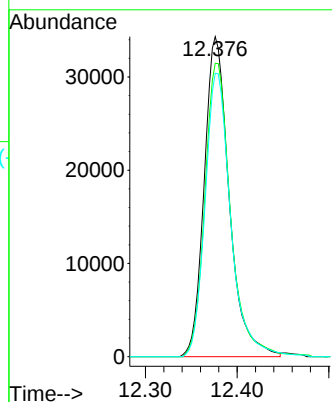
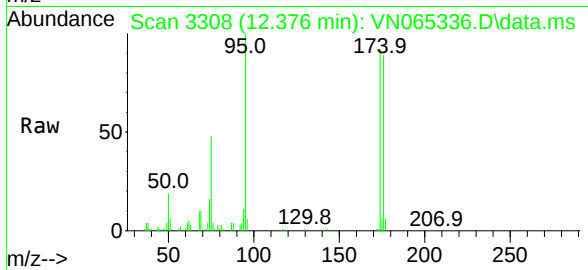




#60
4-Bromofluorobenzene
Concen: 23.54 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.000 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

Instrument :
MSVOA_N
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VN1231WBL01

Tgt Ion: 95 Resp: 65098
Ion Ratio Lower Upper
95 100
174 94.2 56.4 84.6#
176 90.7 53.3 79.9#



#63
Toluene-d8
Concen: 30.73 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065336.D
Acq: 31 Dec 2020 10:11

Tgt Ion: 98 Resp: 237034
Ion Ratio Lower Upper
98 100
100 64.3 49.4 74.2

