

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030521\
 Data File : VN066138.D
 Acq On : 5 Mar 2021 16:32
 Operator : JC/MD
 Sample : VN0305WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBL01

Quant Time: Mar 06 02:41:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 06 02:33:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.164	128	38648	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.553	114	215709	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	185064	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.997	65	99132	29.54	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.47%
60) 4-Bromofluorobenzene	12.373	95	82173	25.64	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.47%
63) Toluene-d8	10.061	98	258923	31.04	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.47%

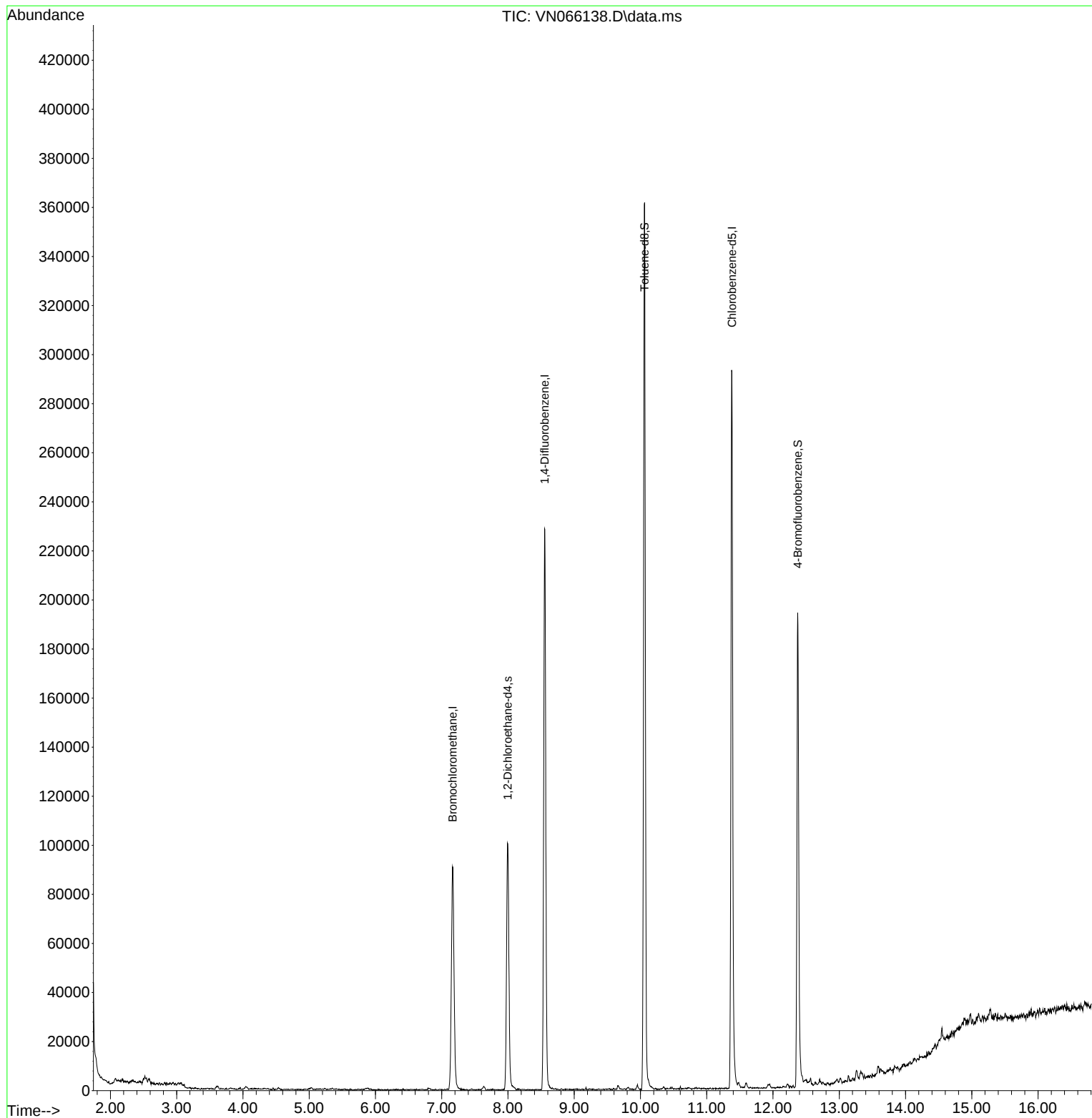
Target Compounds	Qvalue

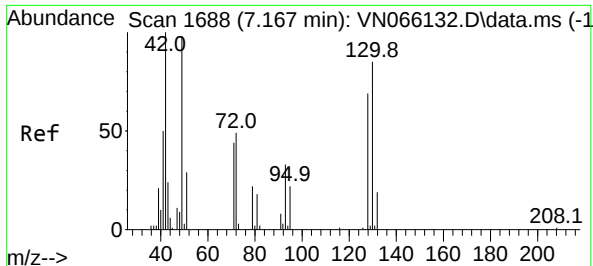
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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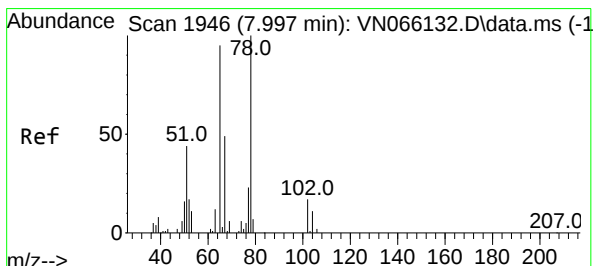
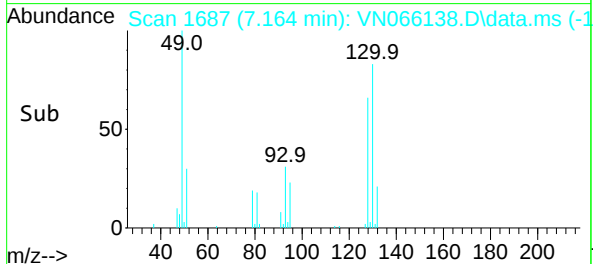
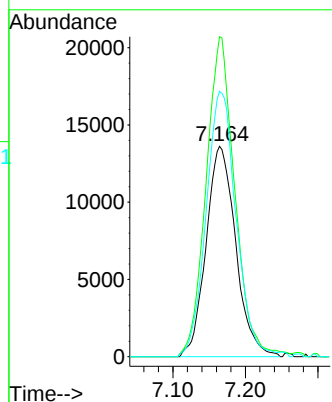
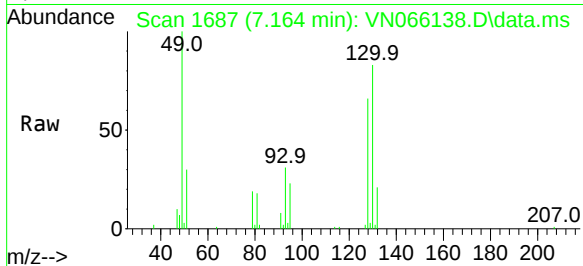




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.164 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VN066138.D
Acq: 5 Mar 2021 16:32

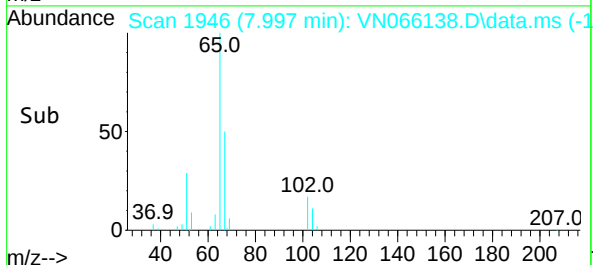
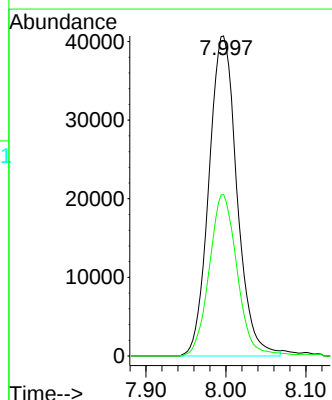
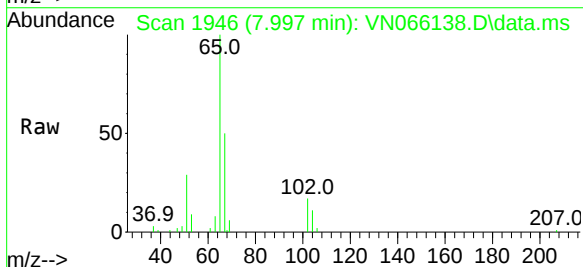
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBL01

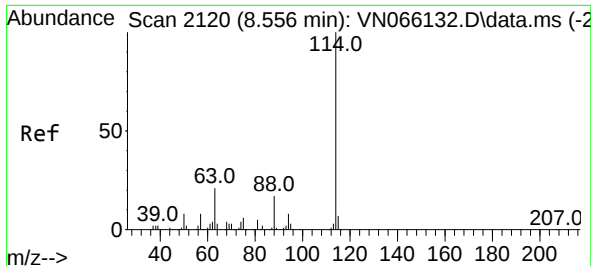
Tgt Ion:128 Resp: 38648
Ion Ratio Lower Upper
128 100
49 146.2 0.0 355.0
130 127.8 0.0 325.5



#27
1,2-Dichloroethane-d4
Concen: 29.54 ug/l
RT: 7.997 min Scan# 1946
Delta R.T. 0.000 min
Lab File: VN066138.D
Acq: 5 Mar 2021 16:32

Tgt Ion: 65 Resp: 99132
Ion Ratio Lower Upper
65 100
67 50.2 42.8 64.2





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.553 min Scan# 2119

Delta R.T. -0.003 min

Lab File: VN066138.D

Acq: 5 Mar 2021 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBL01

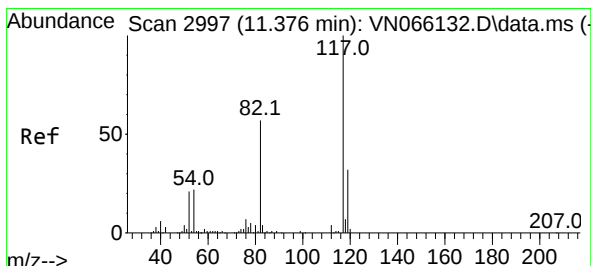
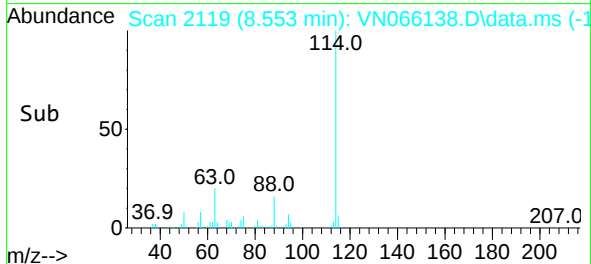
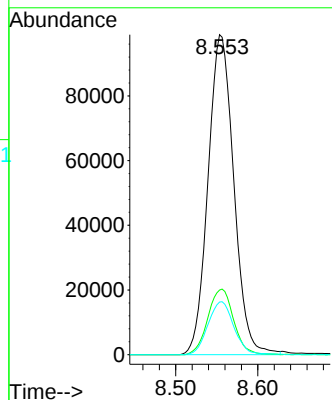
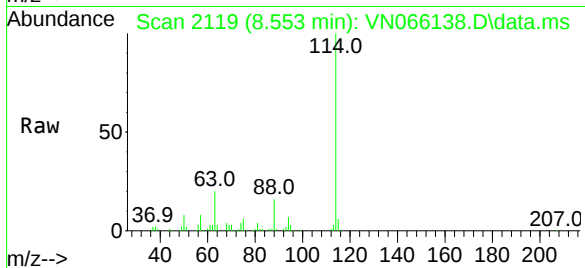
Tgt Ion:114 Resp: 215709

Ion Ratio Lower Upper

114 100

63 20.5 14.7 22.1

88 16.7 11.7 17.5



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 11.380 min Scan# 2998

Delta R.T. 0.003 min

Lab File: VN066138.D

Acq: 5 Mar 2021 16:32

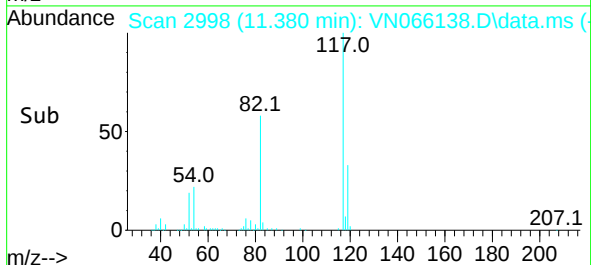
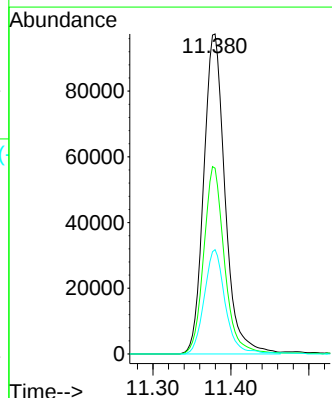
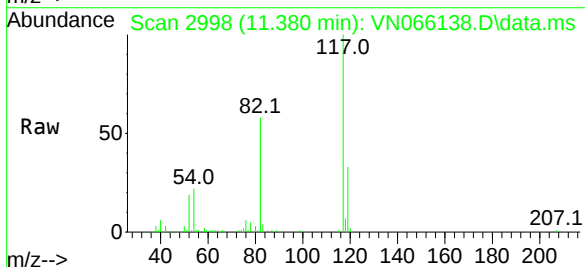
Tgt Ion:117 Resp: 185064

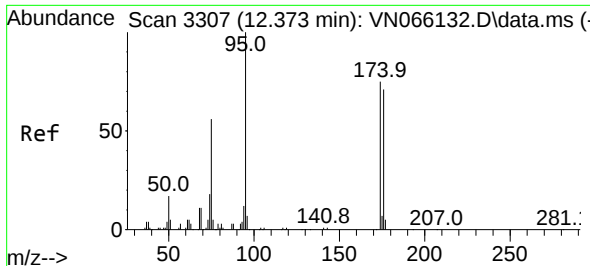
Ion Ratio Lower Upper

117 100

82 57.0 41.3 61.9

119 31.9 25.7 38.5

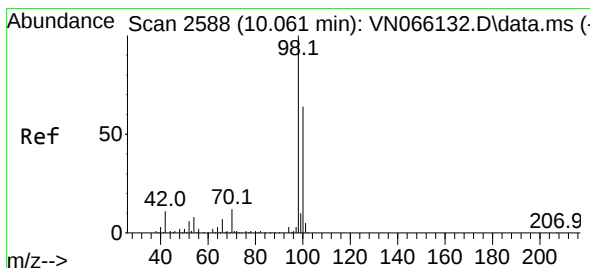
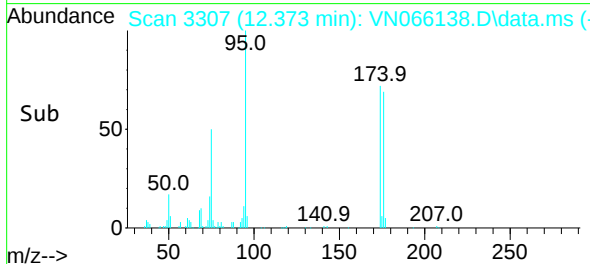
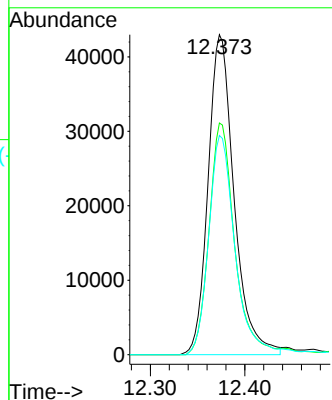
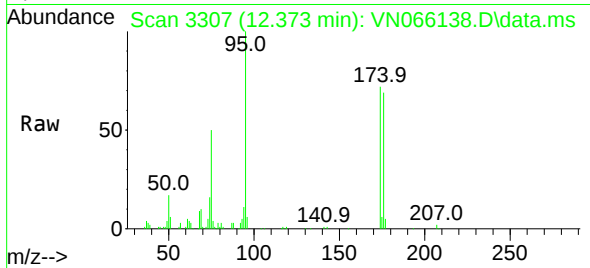




#60
4-Bromofluorobenzene
Concen: 25.64 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN066138.D
Acq: 5 Mar 2021 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBL01

Tgt Ion: 95 Resp: 82173
Ion Ratio Lower Upper
95 100
174 70.9 77.0 115.6#
176 68.6 75.8 113.6#



#63
Toluene-d8
Concen: 31.04 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.000 min
Lab File: VN066138.D
Acq: 5 Mar 2021 16:32

Tgt Ion: 98 Resp: 258923
Ion Ratio Lower Upper
98 100
100 67.2 51.9 77.9

