

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064759.D
 Acq On : 20 Nov 2020 4:43
 Operator : JC/MD
 Sample : L4788-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-BPOW1-8-GW-20201113

Quant Time: Nov 20 07:31:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	290187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	594189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	616782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	265058	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	253240	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
35) Dibromofluoromethane	7.55	113	193326	57.16	ug/l	0.00
Spiked Amount			Recovery	=	114.32%	
50) Toluene-d8	10.06	98	756410	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.38	95	288702	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	

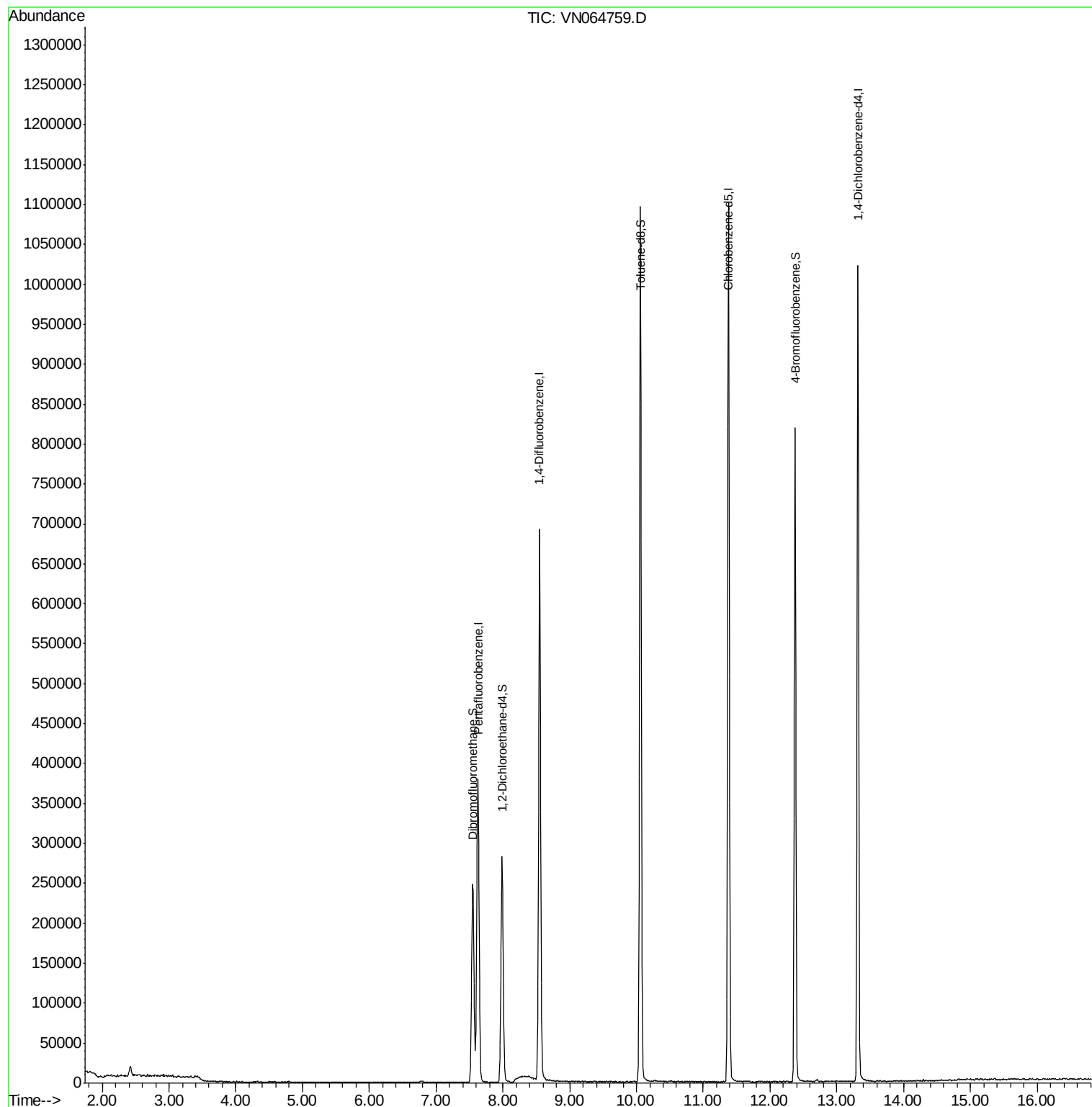
Target Compounds	Qvalue
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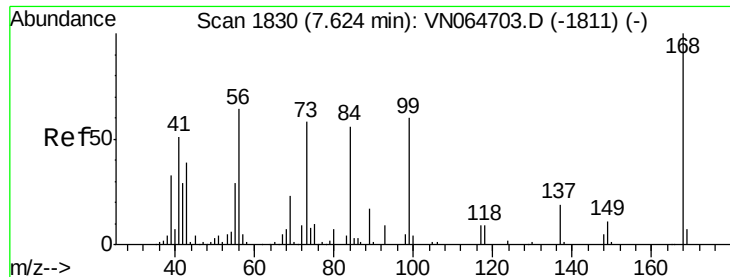
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064759.D

Acq: 20 Nov 2020 4:43

Instrument :

MSVOA_N

ClientSampleId :

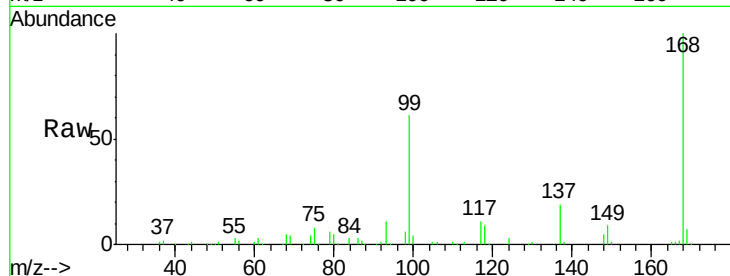
BP-TT-BPOW1-8-GW-20201113

Tot Ion:168 Resp: 290187

Ion Ratio Lower Upper

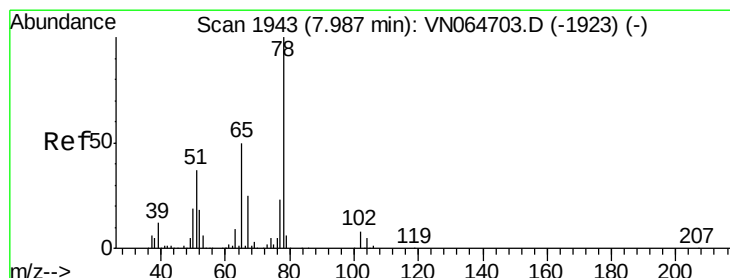
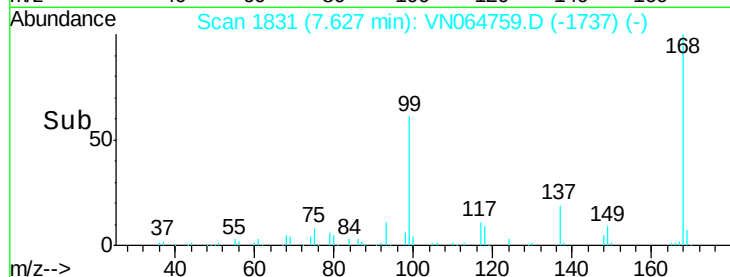
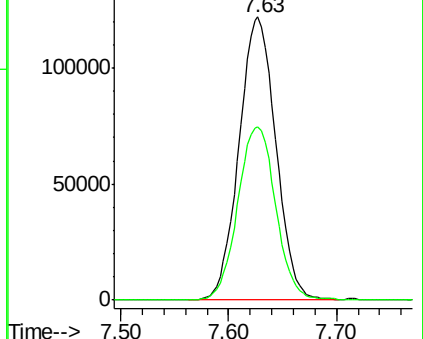
168 100

99 61.1 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 49.608 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064759.D

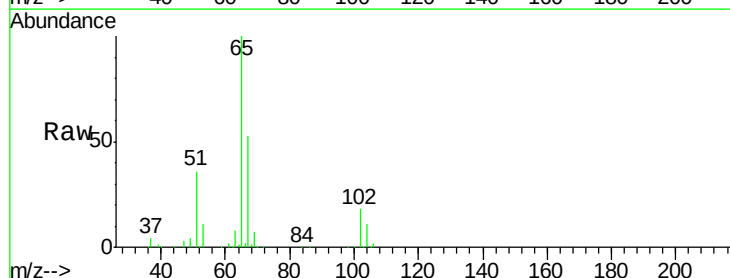
Acq: 20 Nov 2020 4:43

Tgt Ion: 65 Resp: 253240

Ion Ratio Lower Upper

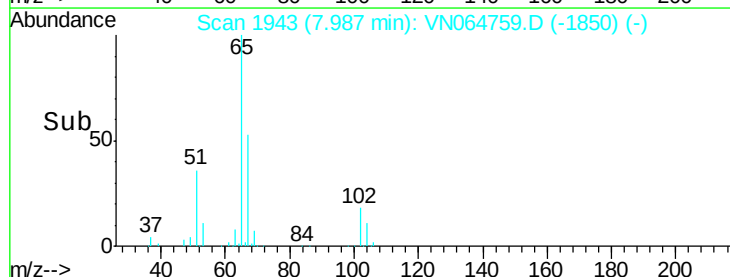
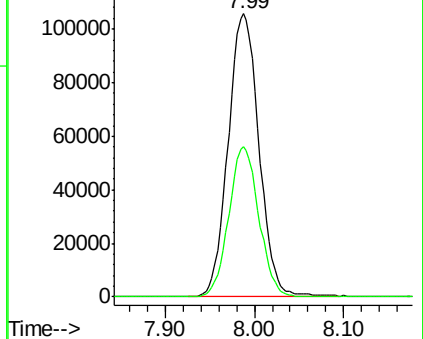
65 100

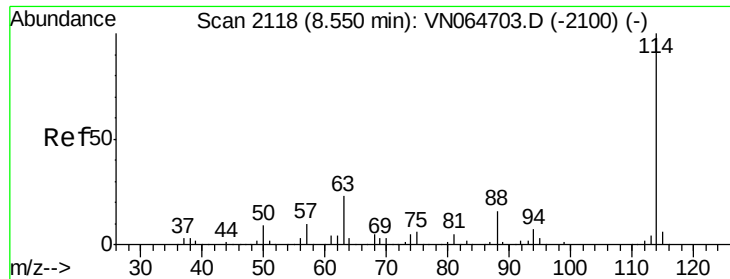
67 51.5 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

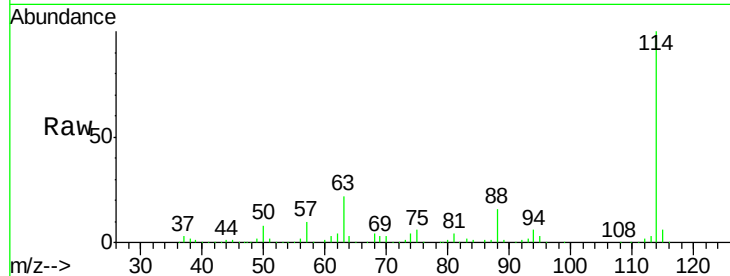




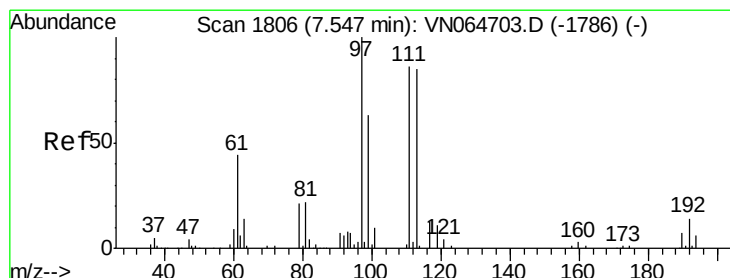
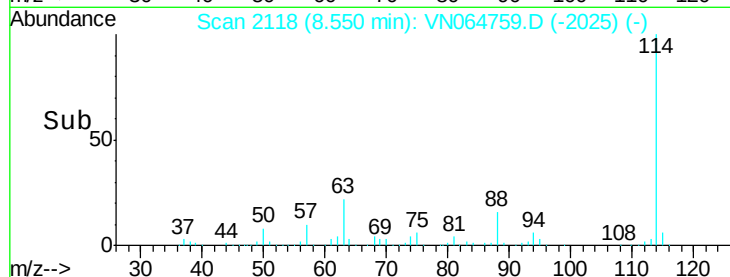
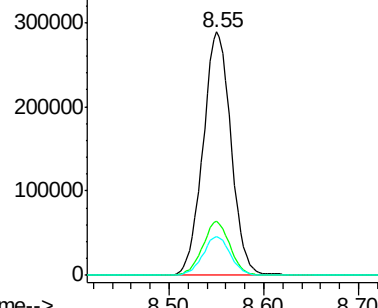
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064759.D
 Acq: 20 Nov 2020 4:43

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-BPOW1-8-GW-20201113

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	46.0
88	15.9	0.0	31.2

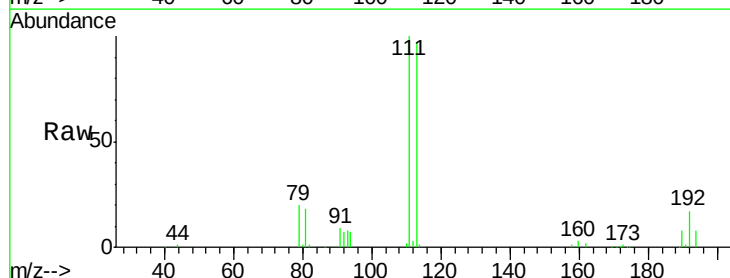


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

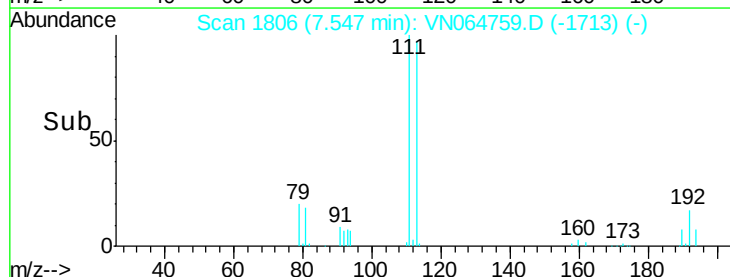
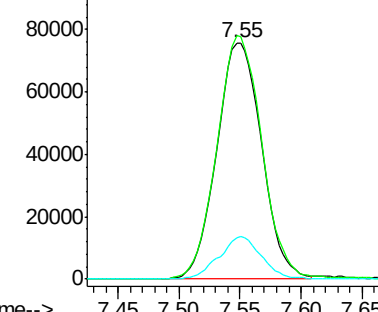


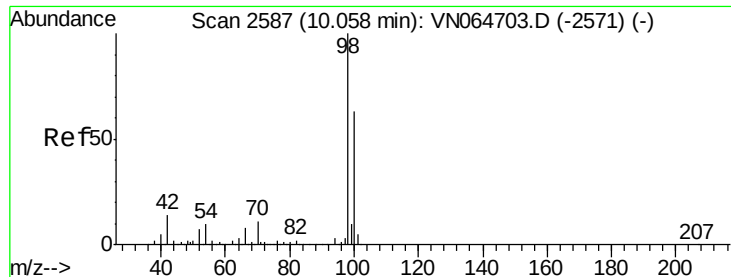
#35
 Dibromofluoromethane
 Concen: 57.164 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064759.D
 Acq: 20 Nov 2020 4:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	16.9	12.7	19.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.212 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064759.D

Acq: 20 Nov 2020 4:43

Instrument :

MSVOA_N

ClientSampleId :

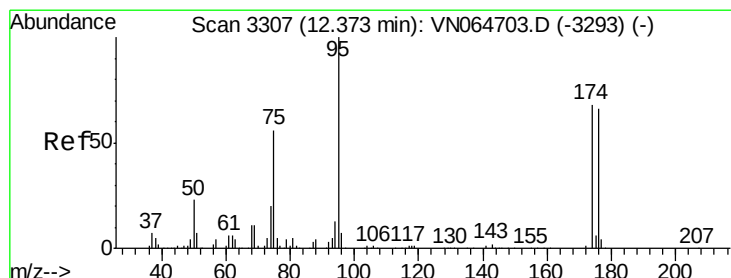
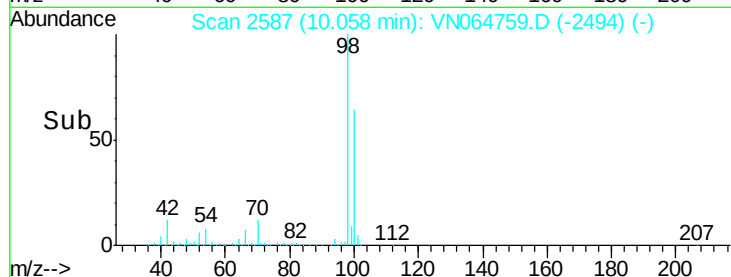
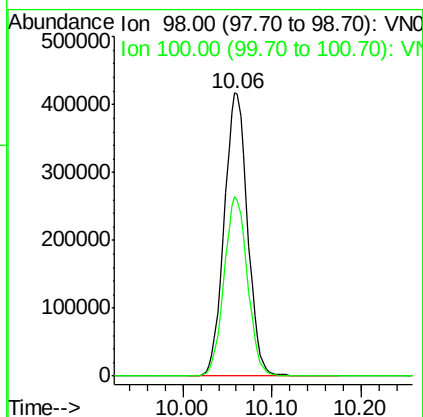
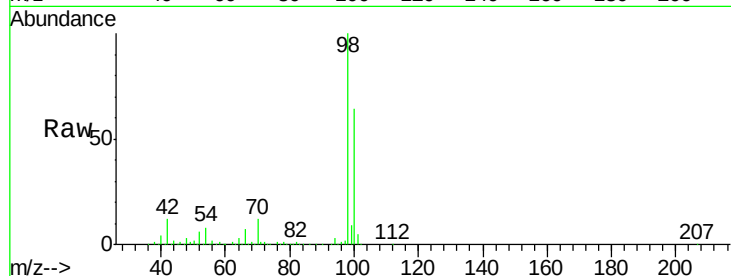
BP-TT-BPOW1-8-GW-20201113

Tot Ion: 98 Resp: 756410

Ion Ratio Lower Upper

98 100

100 63.5 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 50.251 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064759.D

Acq: 20 Nov 2020 4:43

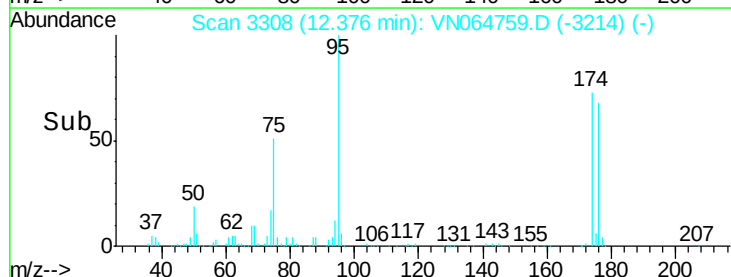
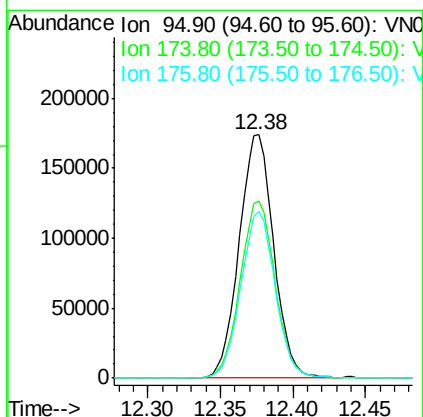
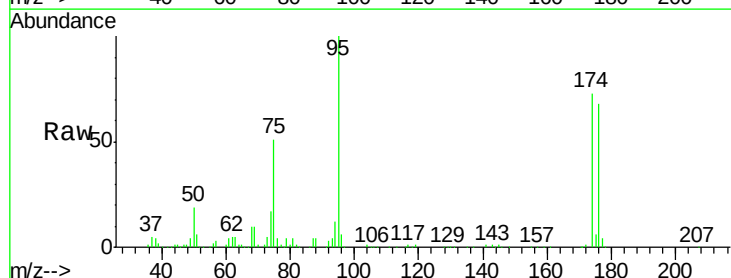
Tgt Ion: 95 Resp: 288702

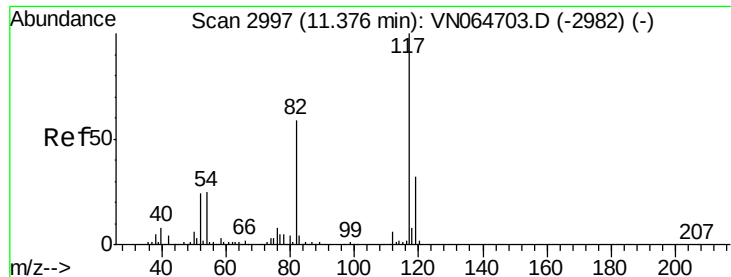
Ion Ratio Lower Upper

95 100

174 73.8 0.0 136.8

176 68.2 0.0 134.2

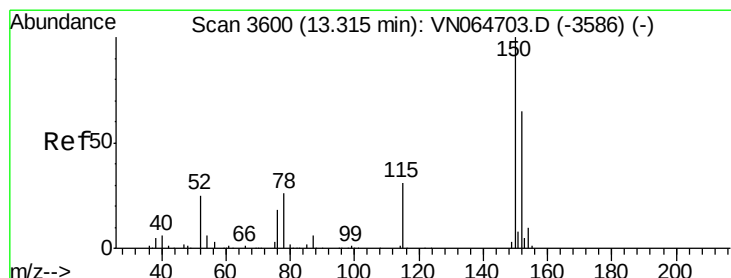
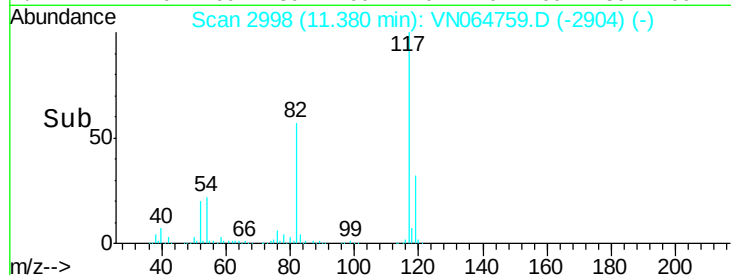
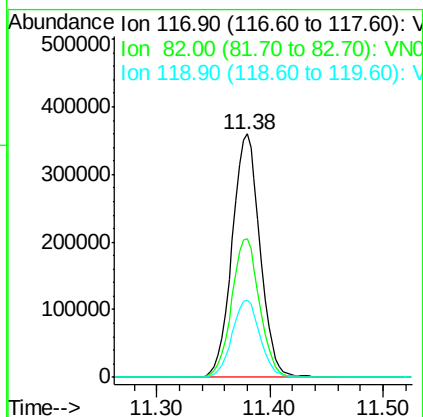
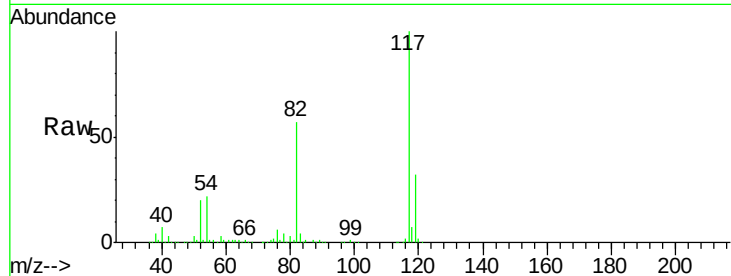




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064759.D
Acq: 20 Nov 2020 4:43

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-BPOW1-8-GW-20201113

Tot Ion:117 Resp: 616782
Ion Ratio Lower Upper
117 100
82 57.0 47.0 70.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064759.D
Acq: 20 Nov 2020 4:43

Tgt Ion:152 Resp: 265058
Ion Ratio Lower Upper
152 100
115 61.9 32.1 96.3
150 157.7 0.0 344.8

