

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062237.D
 Acq On : 30 Jun 2020 14:14
 Operator : JC/MD
 Sample : L3151-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-TB-20200626

Quant Time: Jul 01 04:23:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

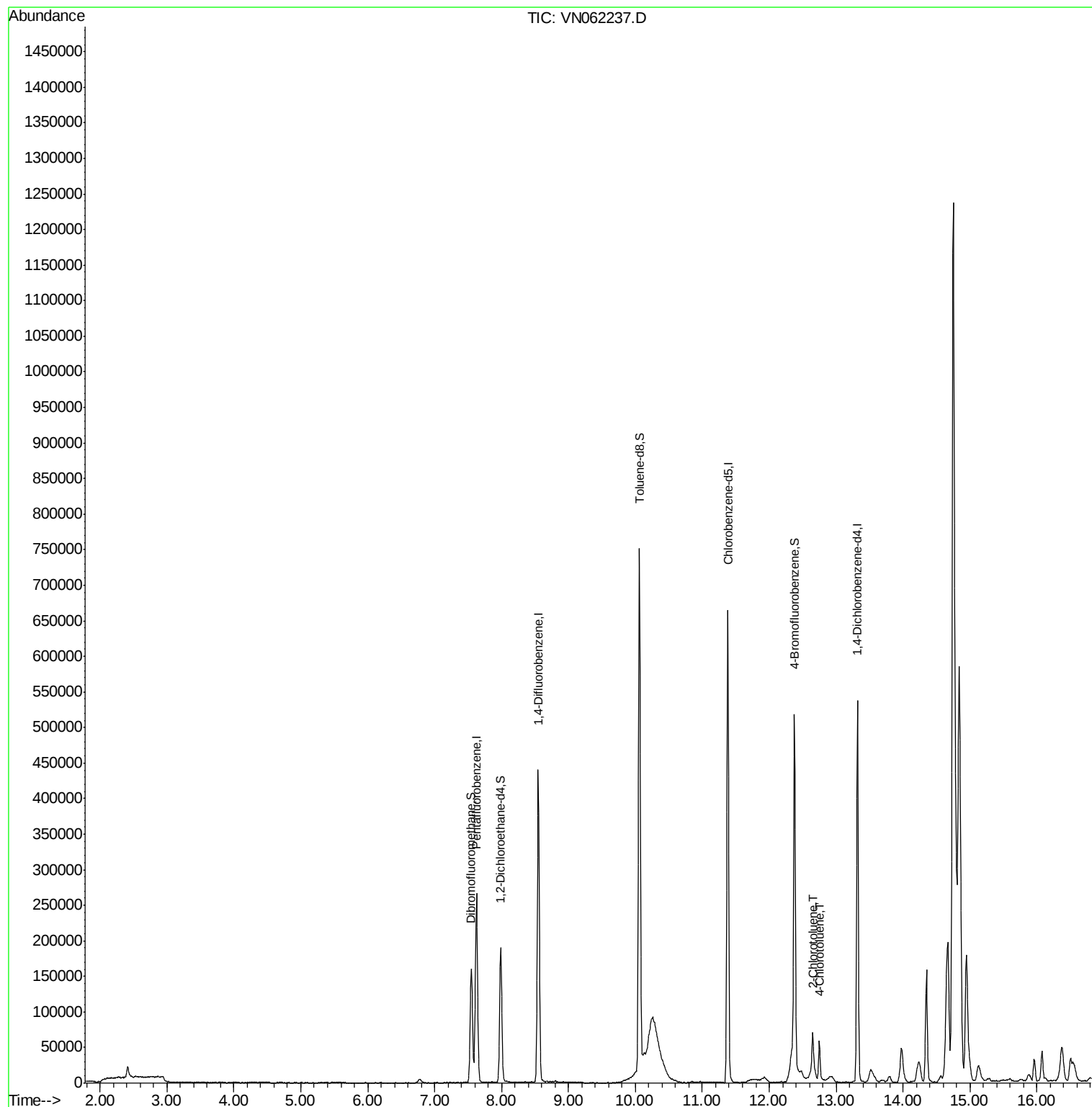
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	207192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	398635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	381563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	154128	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.55	113	125683	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	10.06	98	516478	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.38	95	172565	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
Target Compounds						
79) 2-Chlorotoluene	12.65	91	30871	4.054	ug/l	96
82) 4-Chlorotoluene	12.75	91	35096	4.457	ug/l	98

(#) = 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# 1820

Delta R.T. -0.00 min

Lab File: VN062237.D

Acq: 30 Jun 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

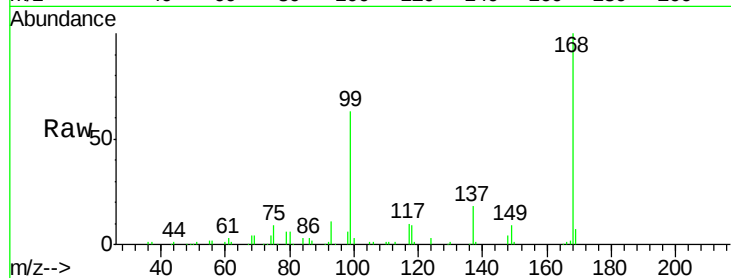
BP-MW180-TB-20200626

Tot Ion:168 Resp: 207192

Ion Ratio Lower Upper

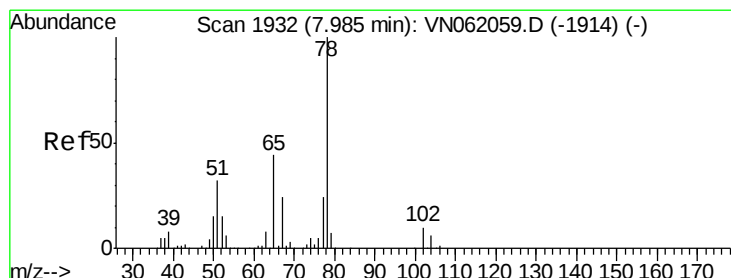
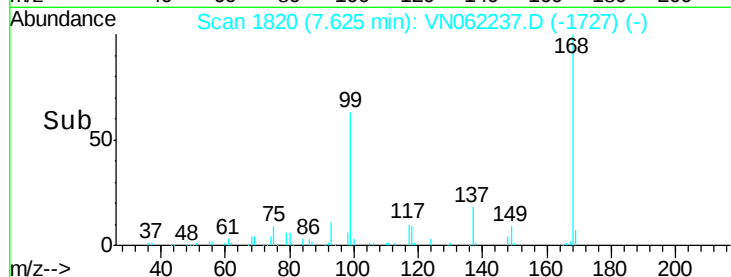
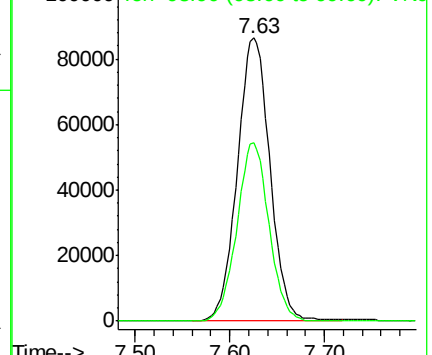
168 100

99 62.9 45.8 68.8



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: 53.009 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062237.D

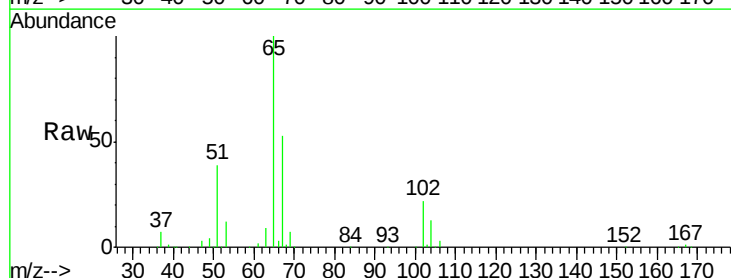
Acq: 30 Jun 2020 14:14

Tgt Ion: 65 Resp: 154128

Ion Ratio Lower Upper

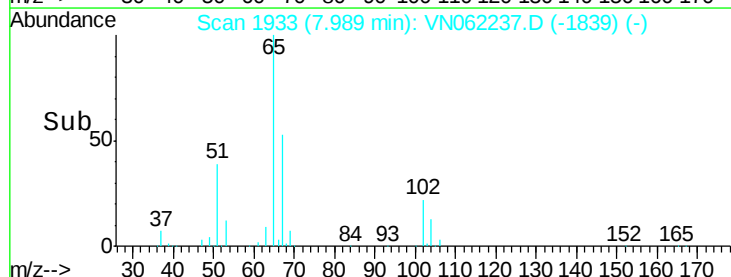
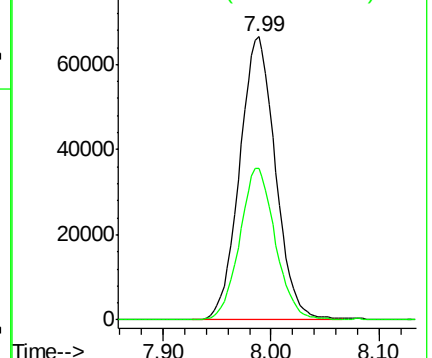
65 100

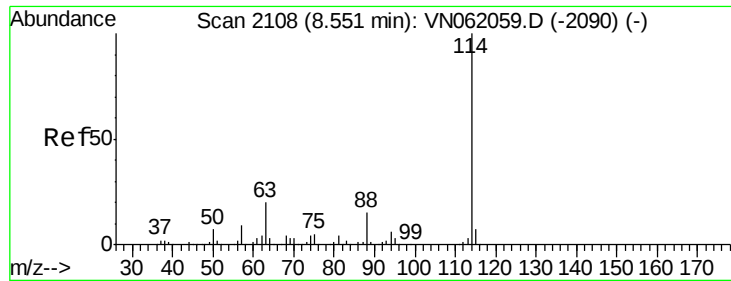
67 53.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

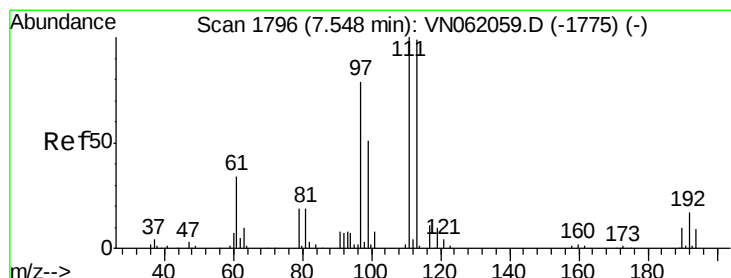
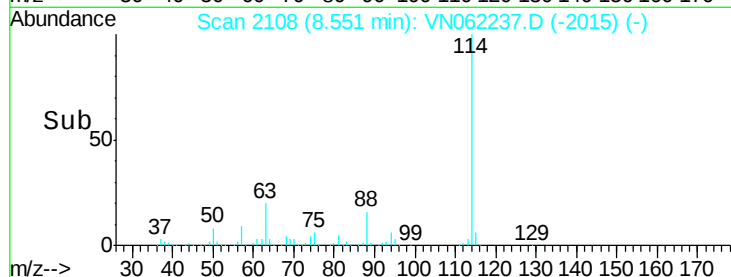
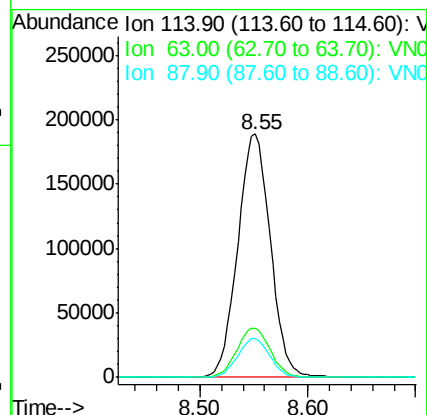
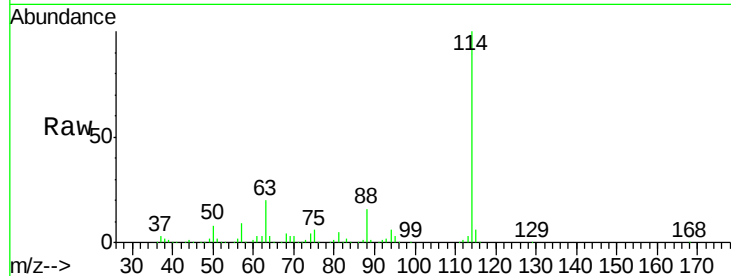




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062237.D
 Acq: 30 Jun 2020 14:14

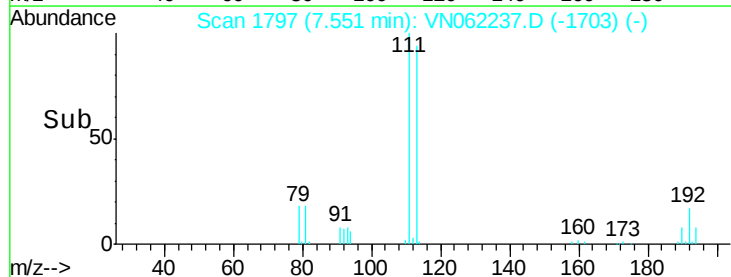
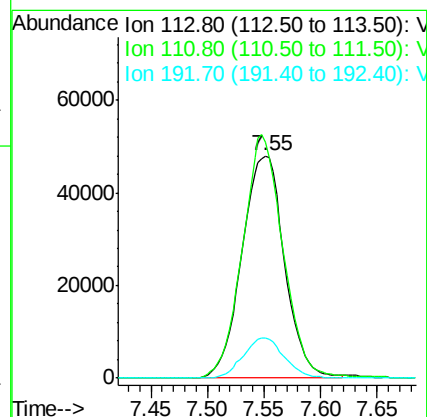
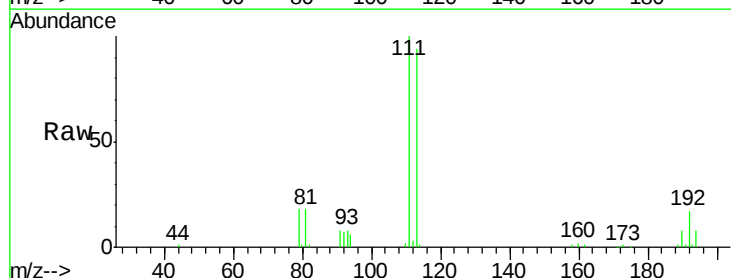
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-TB-20200626

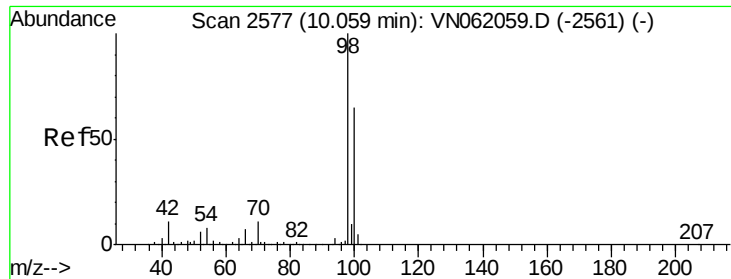
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.2
88	15.7	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 49.144 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062237.D
 Acq: 30 Jun 2020 14:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.2	123.4
192	17.4	14.0	21.0





#50

Toluene-d8

Concen: 50.522 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062237.D

Acq: 30 Jun 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

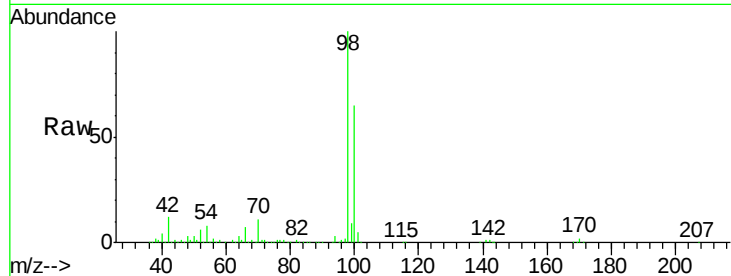
BP-MW180-TB-20200626

Tot Ion: 98 Resp: 516478

Ion Ratio Lower Upper

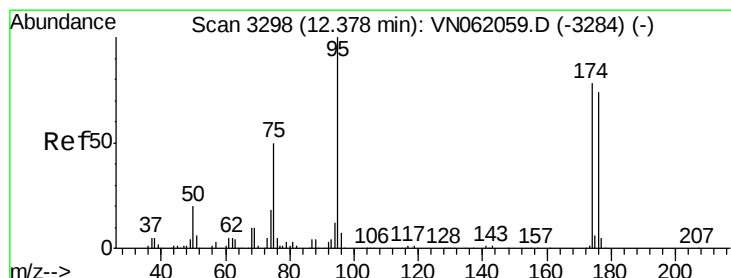
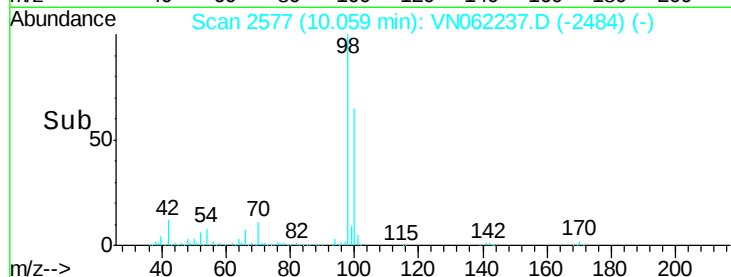
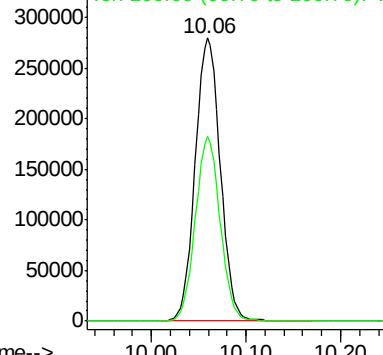
98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 49.962 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062237.D

Acq: 30 Jun 2020 14:14

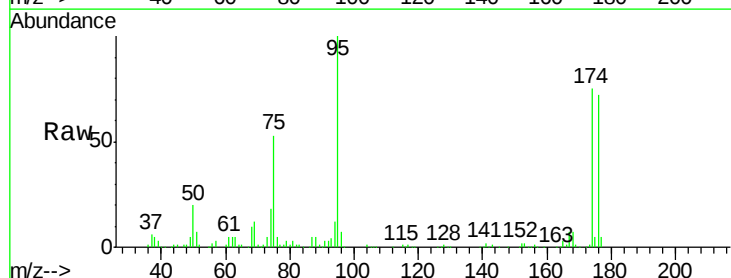
Tgt Ion: 95 Resp: 172565

Ion Ratio Lower Upper

95 100

174 74.9 0.0 154.8

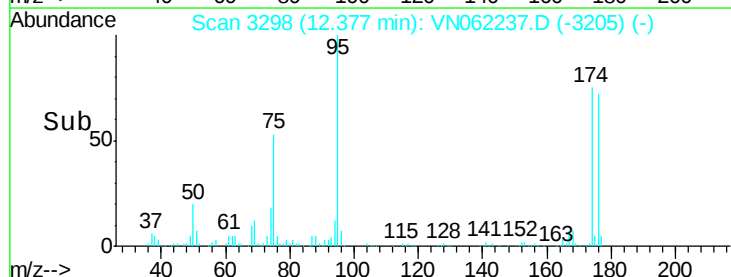
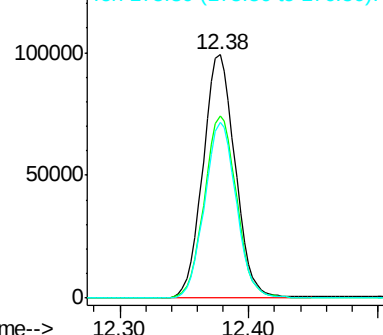
176 70.9 0.0 147.4

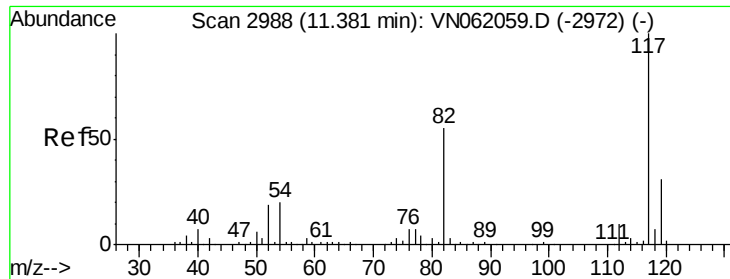


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

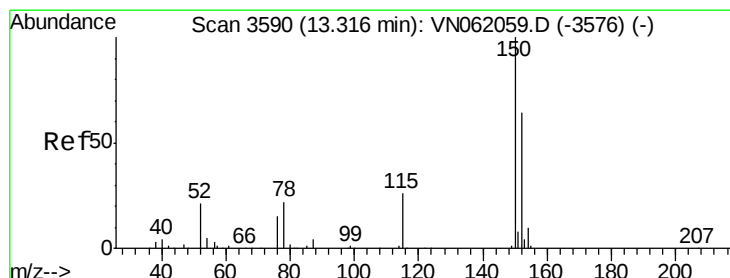
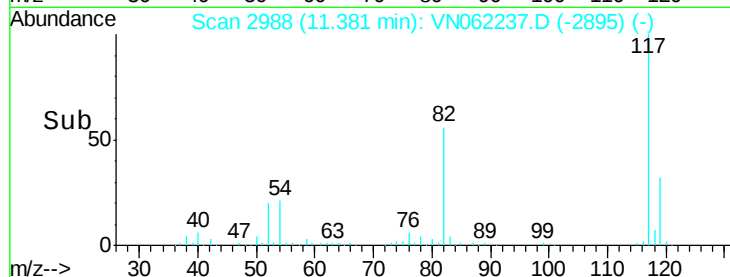
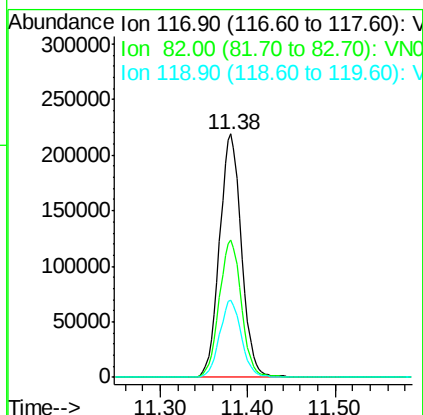
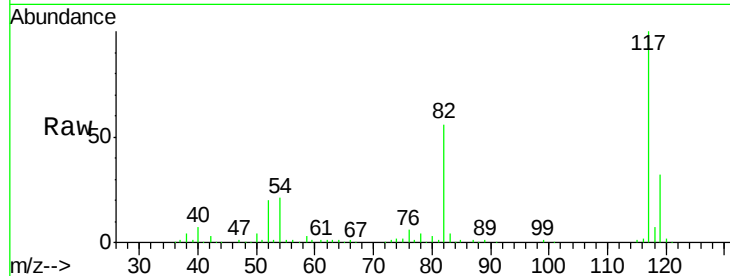




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062237.D
Acq: 30 Jun 2020 14:14

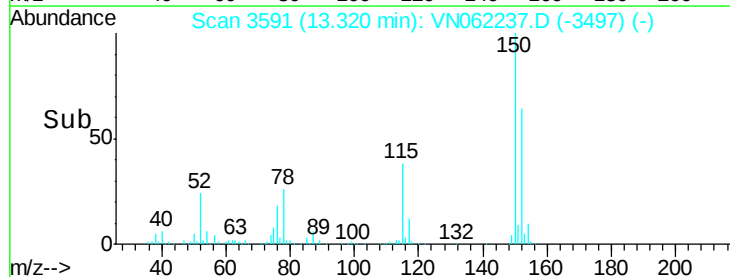
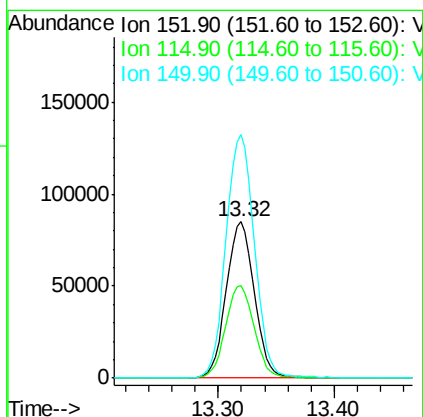
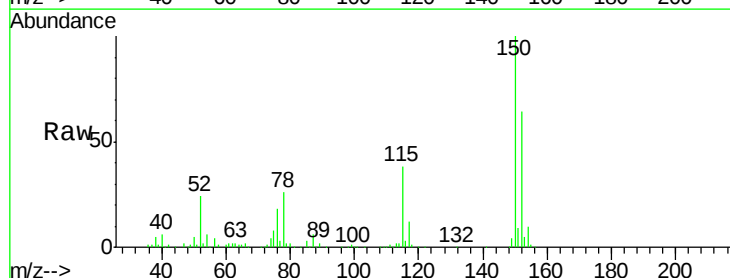
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-TB-20200626

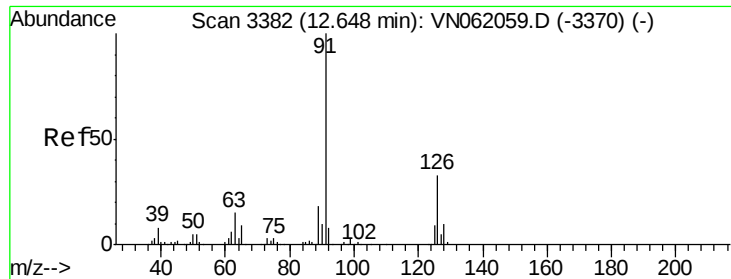
Tot Ion:117 Resp: 381563
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062237.D
Acq: 30 Jun 2020 14:14

Tgt Ion:152 Resp: 142262
Ion Ratio Lower Upper
152 100
115 60.2 29.5 88.5
150 157.6 0.0 351.4

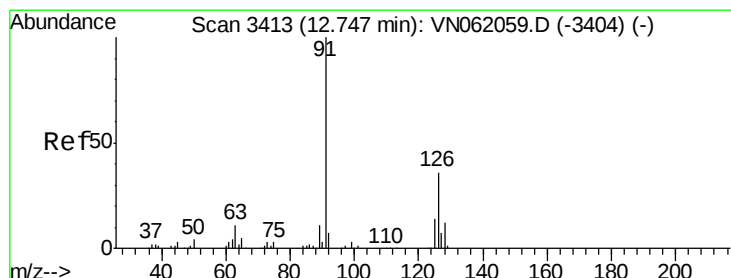
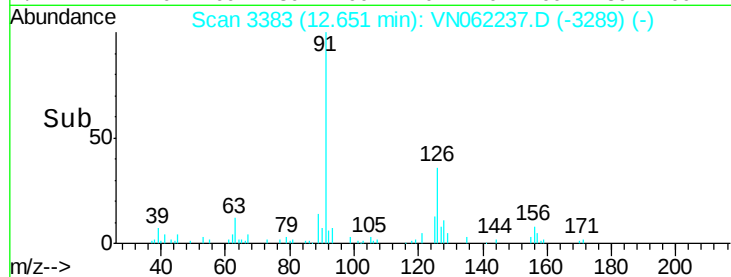
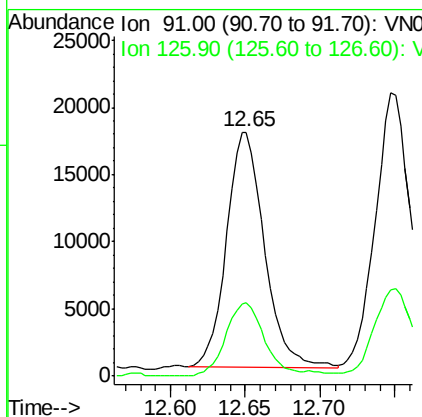
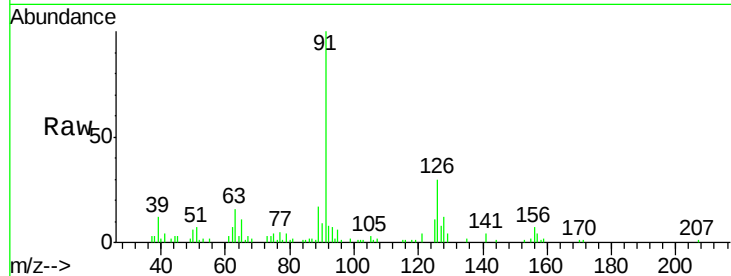




#79
 2-Chlorotoluene
 Concen: 4.054 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062237.D
 Acq: 30 Jun 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-TB-20200626

Tot Ion: 91 Resp: 30871
 Ion Ratio Lower Upper
 91 100
 126 31.5 16.9 50.7



#82
 4-Chlorotoluene
 Concen: 4.457 ug/l
 RT: 12.75 min Scan# 3413
 Delta R.T. -0.00 min
 Lab File: VN062237.D
 Acq: 30 Jun 2020 14:14

Tgt Ion: 91 Resp: 35096
 Ion Ratio Lower Upper
 91 100
 126 34.8 16.7 50.1

