

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061162.D
 Acq On : 28 Apr 2020 14:31
 Operator : JC/MD
 Sample : L2412-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-TB-20200422

Quant Time: May 05 08:46:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	112501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	200639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	193240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84819	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	89805	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
35) Dibromofluoromethane	7.55	113	61211	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
50) Toluene-d8	10.06	98	249579	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.38	95	93880	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	

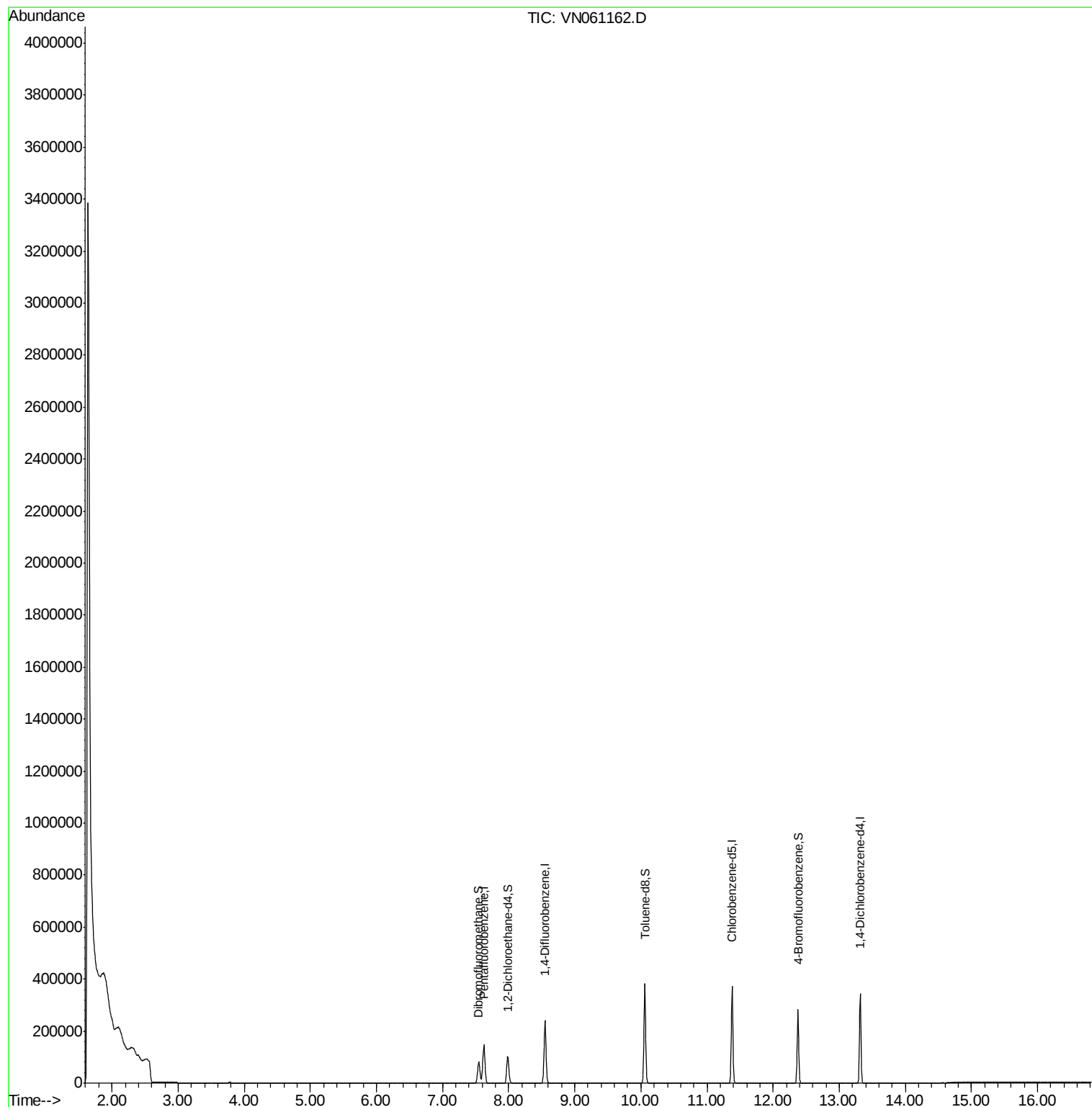
Target Compounds	Qvalue
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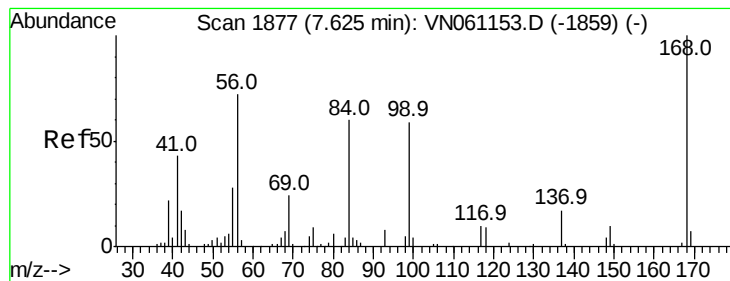
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061162.D

Acq: 28 Apr 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

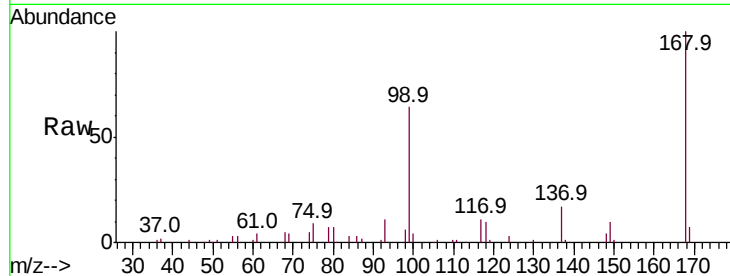
BP-VPB180-TB-20200422

Tot Ion:168 Resp: 112501

Ion Ratio Lower Upper

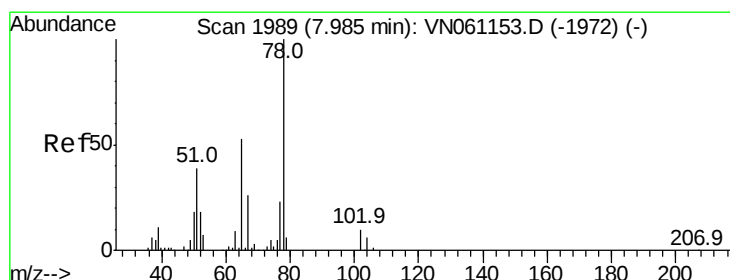
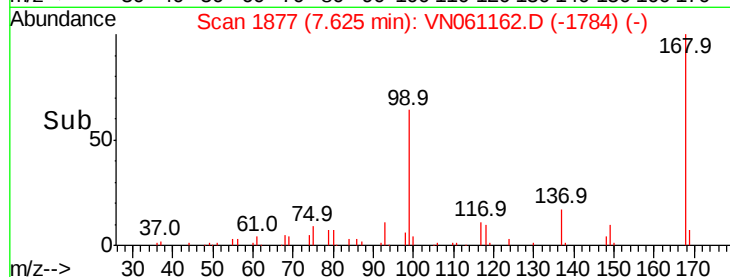
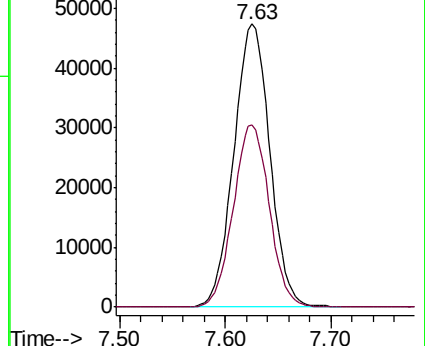
168 100

99 64.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 50.449 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061162.D

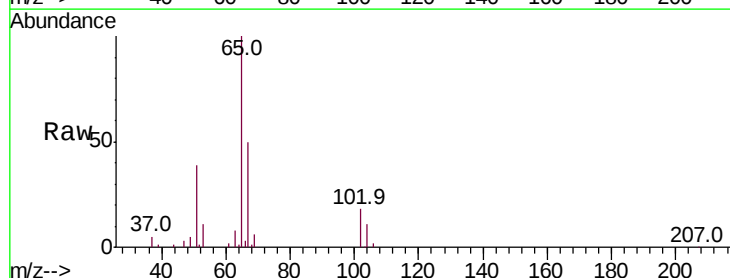
Acq: 28 Apr 2020 14:31

Tgt Ion: 65 Resp: 89805

Ion Ratio Lower Upper

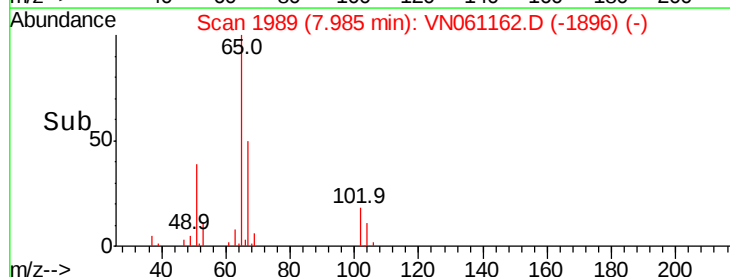
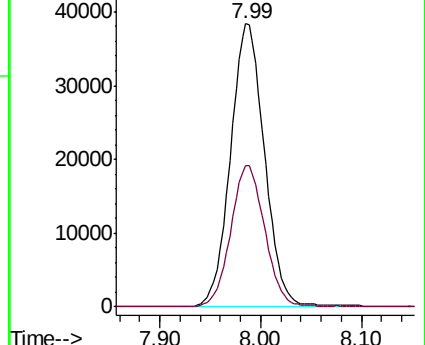
65 100

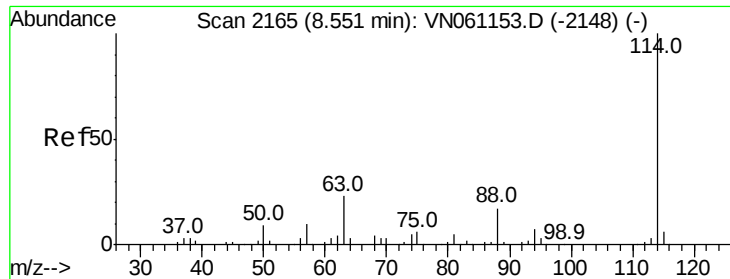
67 49.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

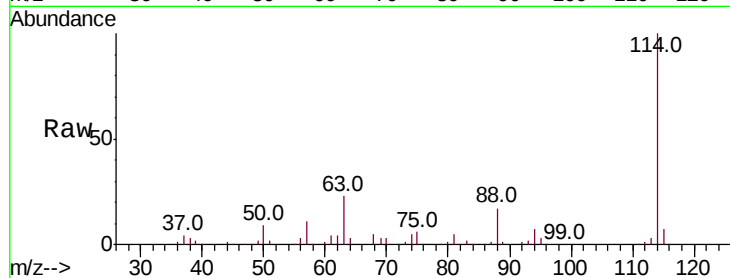




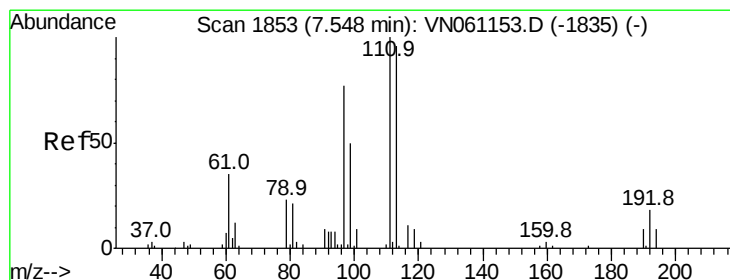
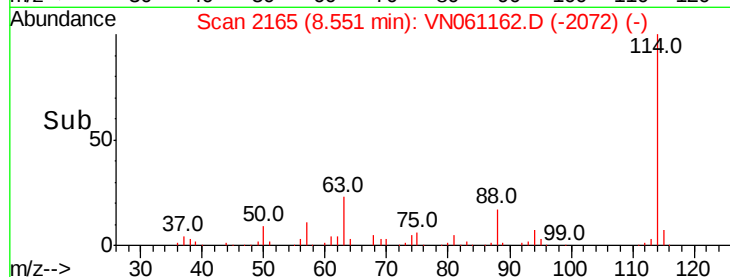
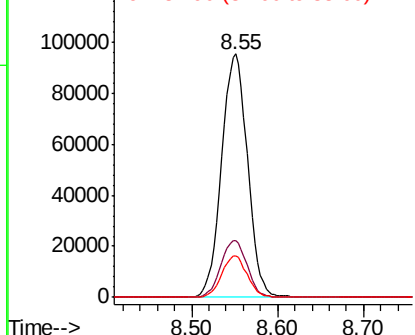
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061162.D
 Acq: 28 Apr 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-TB-20200422

Tot Ion:	114	Resp:	200639
Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	46.6
88	17.2	0.0	33.4

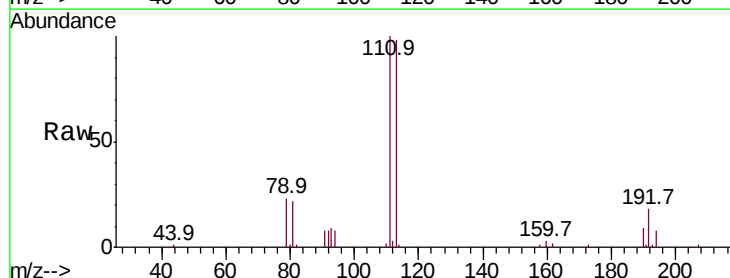


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

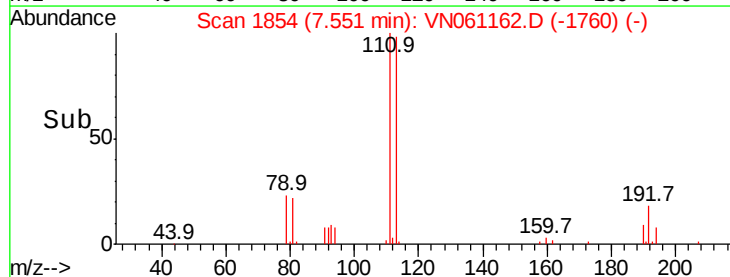
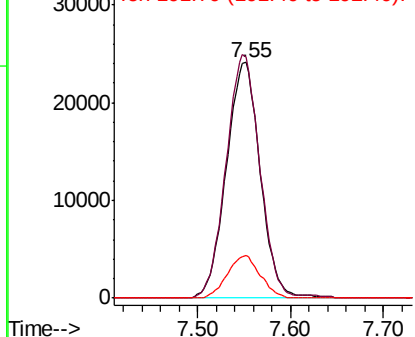


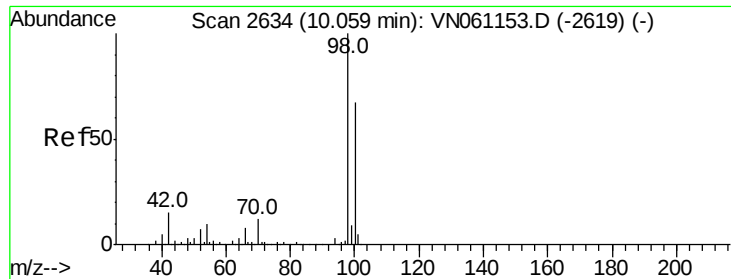
#35
 Dibromofluoromethane
 Concen: 51.593 ug/l
 RT: 7.55 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN061162.D
 Acq: 28 Apr 2020 14:31

Tgt Ion:	113	Resp:	61211
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	17.5	14.7	22.1



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: 51.603 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061162.D

Acq: 28 Apr 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

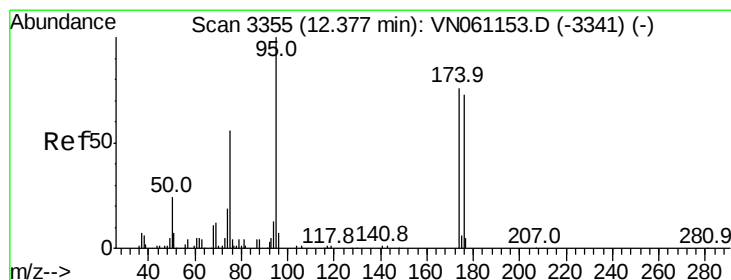
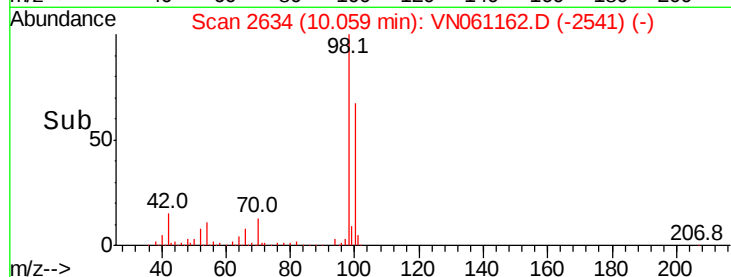
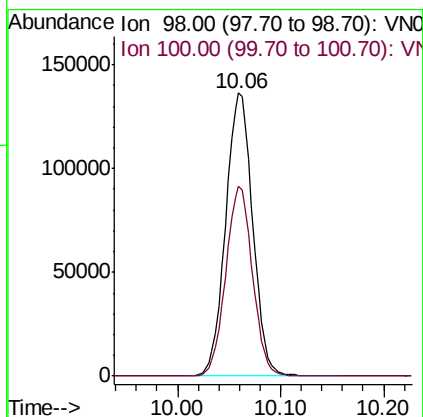
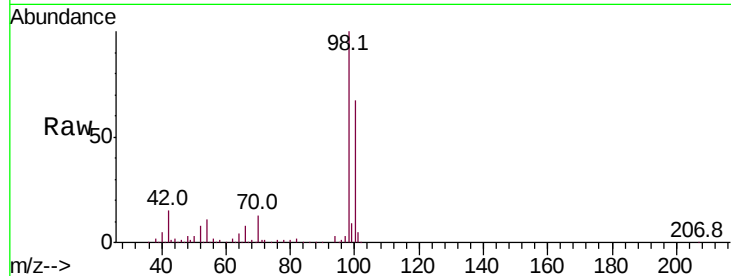
BP-VPB180-TB-20200422

Tot Ion: 98 Resp: 249579

Ion Ratio Lower Upper

98 100

100 66.1 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 51.581 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061162.D

Acq: 28 Apr 2020 14:31

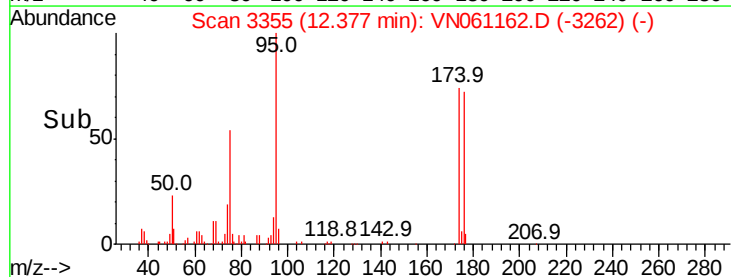
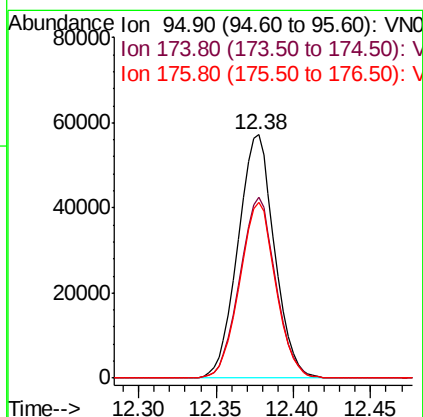
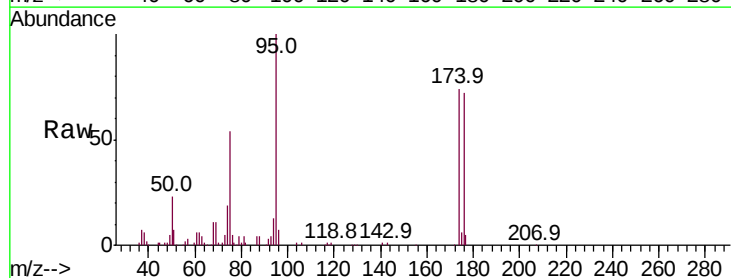
Tgt Ion: 95 Resp: 93880

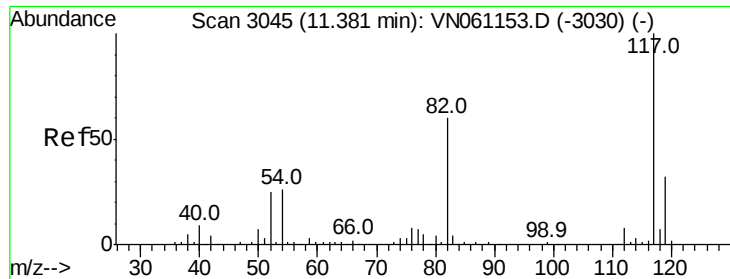
Ion Ratio Lower Upper

95 100

174 73.3 0.0 149.4

176 71.2 0.0 144.8

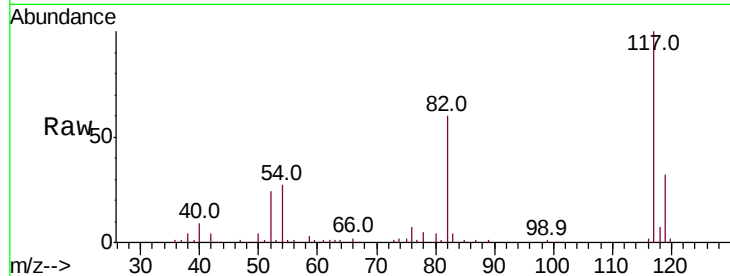




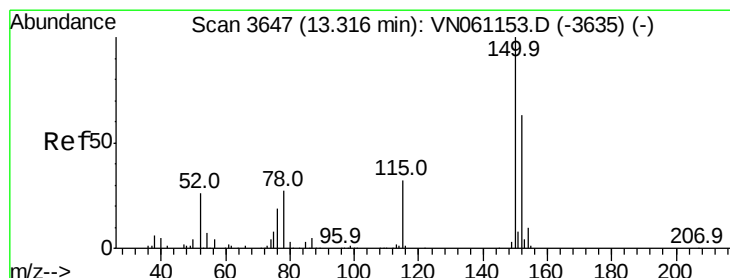
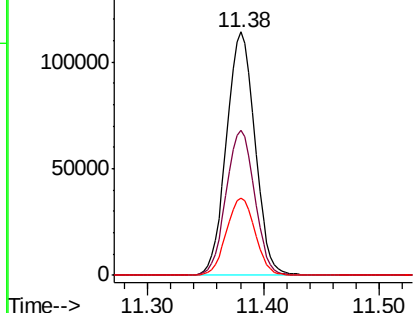
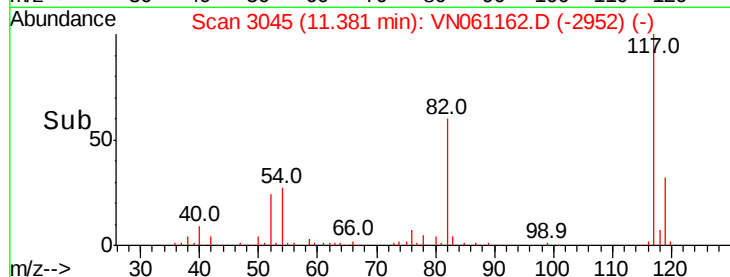
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061162.D
Acq: 28 Apr 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-TB-20200422

Tot Ion:117 Resp: 193240
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 32.0 25.8 38.6

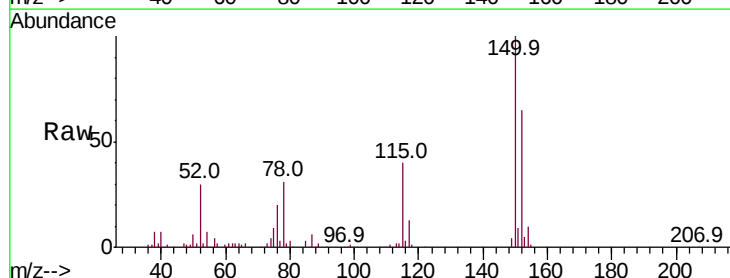


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VN061162.D
Acq: 28 Apr 2020 14:31

Tgt Ion:152 Resp: 84819
Ion Ratio Lower Upper
152 100
115 61.6 31.0 93.0
150 156.6 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

