

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061138.D
 Acq On : 22 Apr 2020 19:32
 Operator : JC/MD
 Sample : L2337-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-363-365

Quant Time: Apr 23 08:17:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

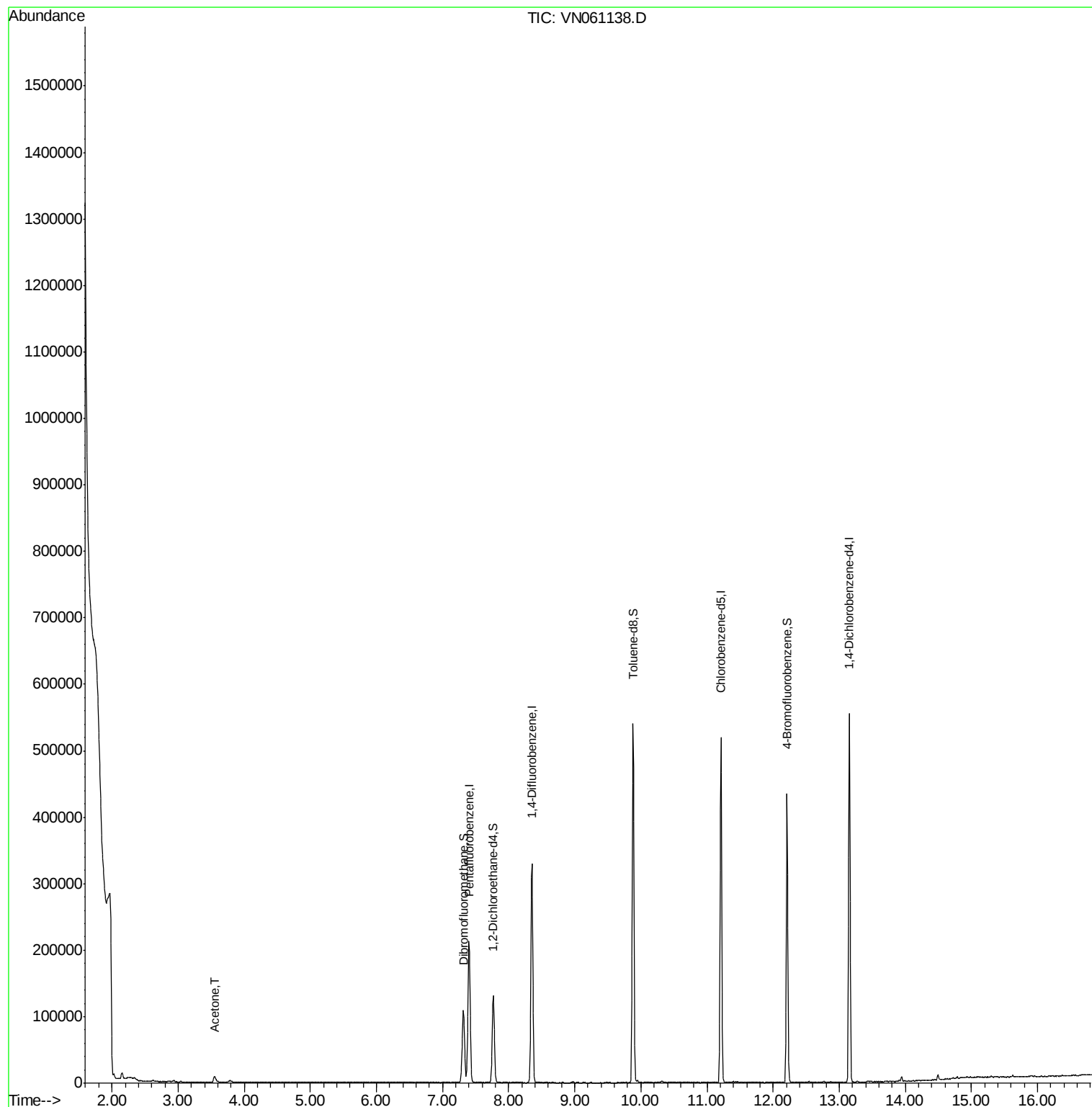
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	178343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	291388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	284303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	138338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.77	65	110719	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
35) Dibromofluoromethane	7.31	113	84299	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	9.88	98	358146	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.21	95	141041	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
Target Compounds						
16) Acetone	3.55	43	14003	3.673	ug/l	Qvalue 93

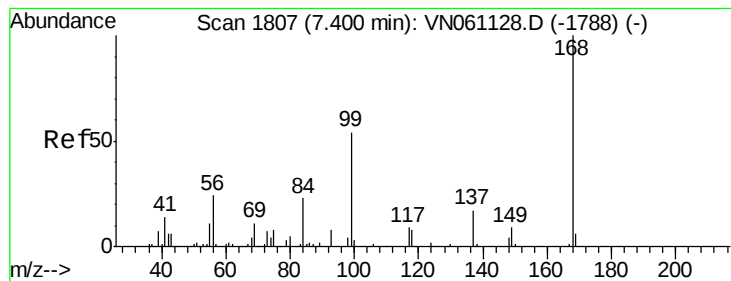
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN061128.D

Acq: 22 Apr 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

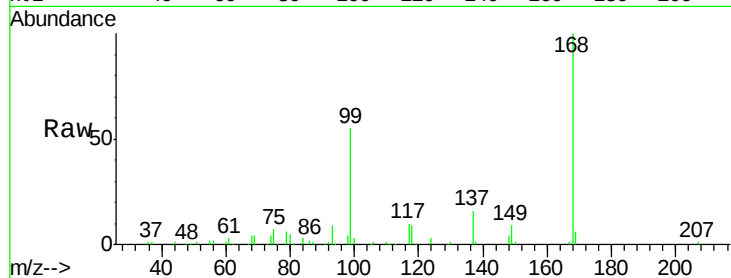
BP-VPB180-GW-363-365

Tot Ion:168 Resp: 178343

Ion Ratio Lower Upper

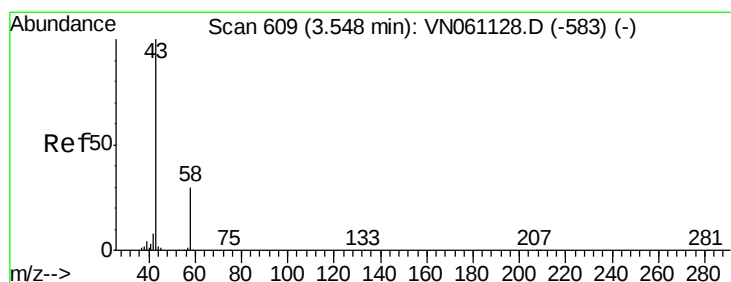
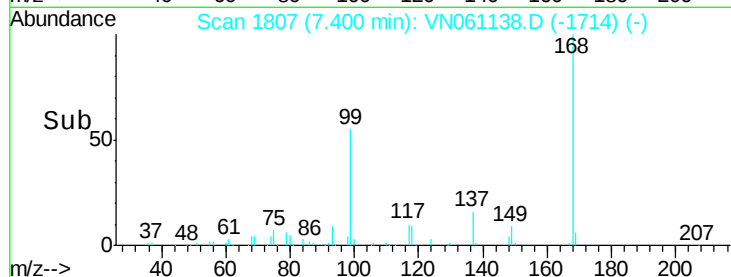
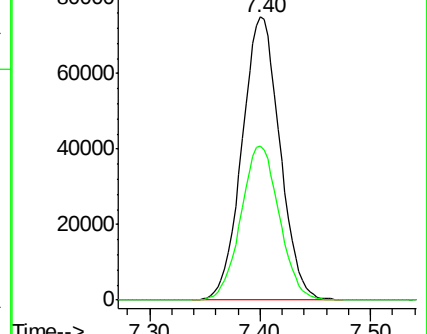
168 100

99 54.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 3.673 ug/l

RT: 3.55 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN061128.D

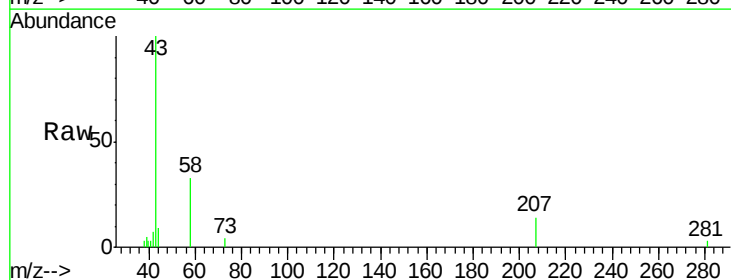
Acq: 22 Apr 2020 19:32

Tgt Ion: 43 Resp: 14003

Ion Ratio Lower Upper

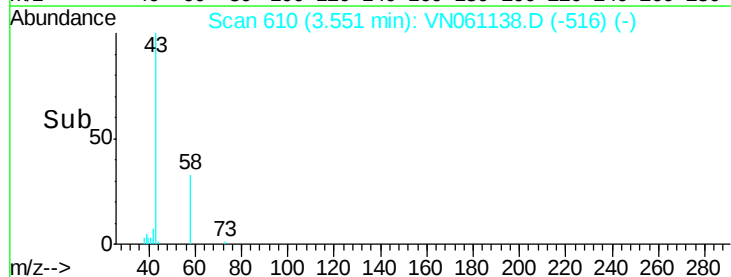
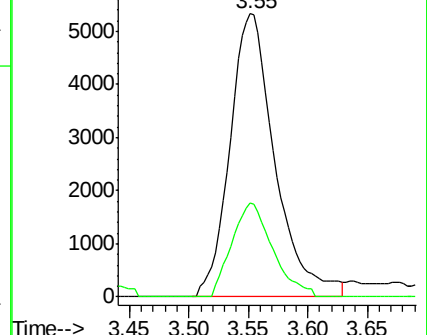
43 100

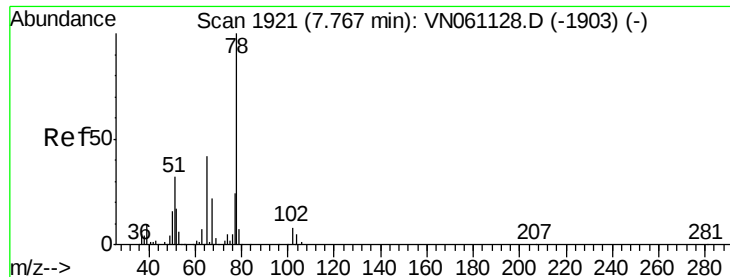
58 33.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 46.820 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VN061138.D

Acq: 22 Apr 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

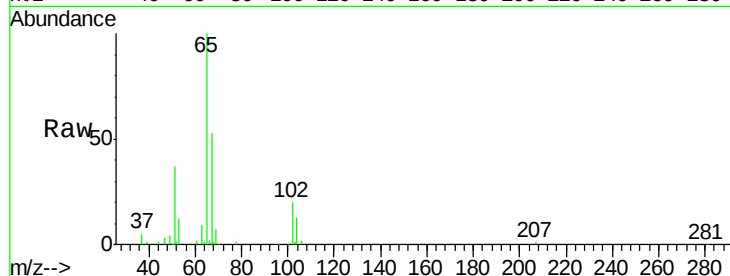
BP-VPB180-GW-363-365

Tot Ion: 65 Resp: 110719

Ion Ratio Lower Upper

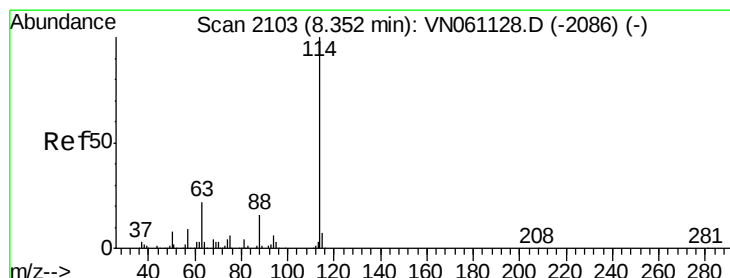
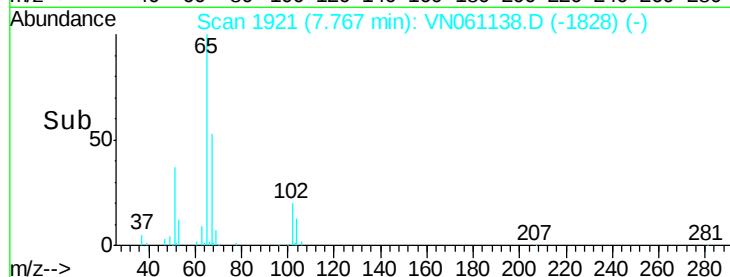
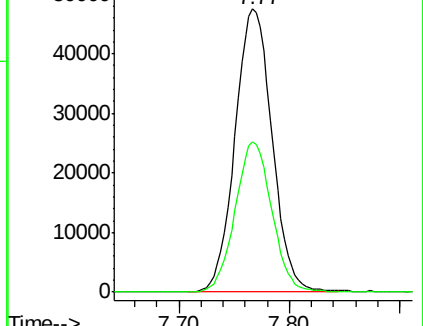
65 100

67 52.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VN061138.D (-1903) (-)

Ion 66.90 (66.60 to 67.60): VN061138.D (-1903) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.35 min Scan# 2103

Delta R.T. 0.00 min

Lab File: VN061138.D

Acq: 22 Apr 2020 19:32

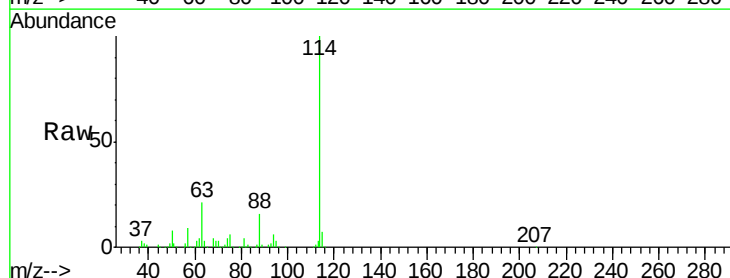
Tgt Ion: 114 Resp: 291388

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

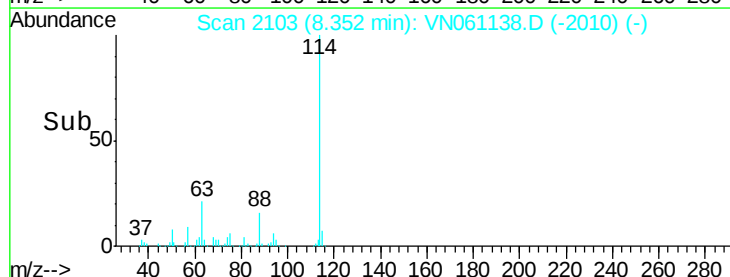
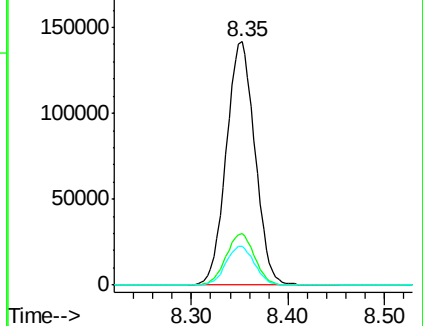
88 15.8 0.0 32.4

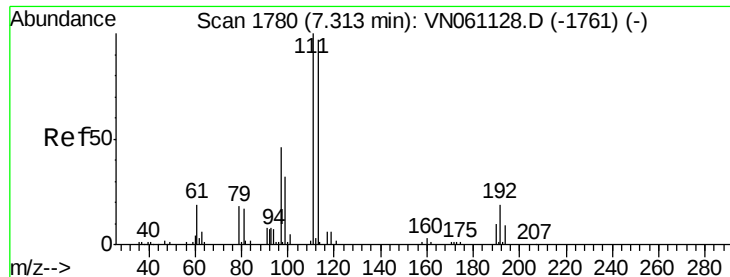


Abundance Ion 113.90 (113.60 to 114.60): VN061138.D (-2086) (-)

Ion 63.00 (62.70 to 63.70): VN061138.D (-2086) (-)

Ion 87.90 (87.60 to 88.60): VN061138.D (-2086) (-)





#35

Dibromofluoromethane

Concen: 50.693 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VN061138.D

Acq: 22 Apr 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-363-365

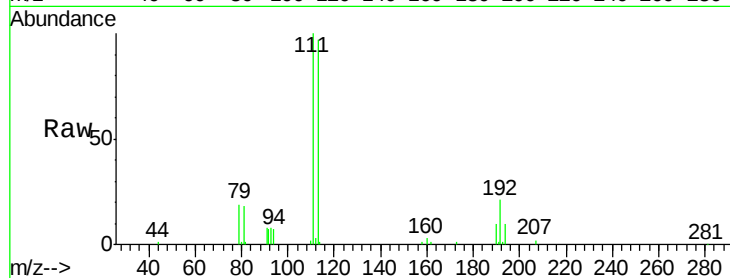
Tot Ion:113 Resp: 84299

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

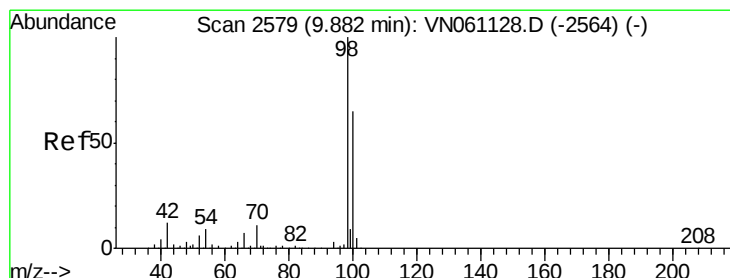
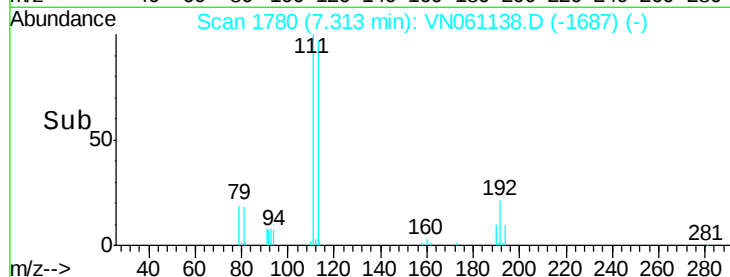
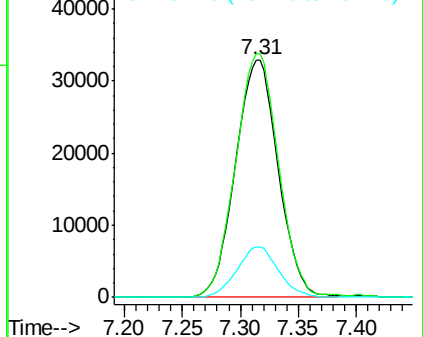
192 20.6 15.8 23.6



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: 50.260 ug/l

RT: 9.88 min Scan# 2579

Delta R.T. 0.00 min

Lab File: VN061138.D

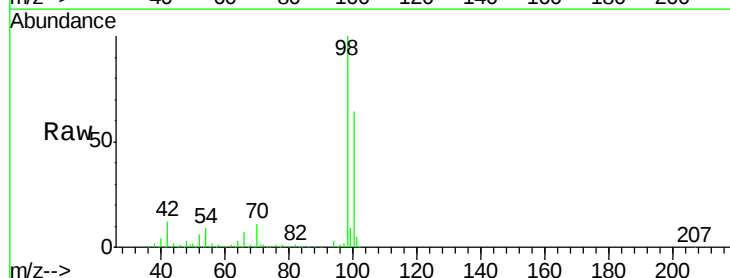
Acq: 22 Apr 2020 19:32

Tgt Ion: 98 Resp: 358146

Ion Ratio Lower Upper

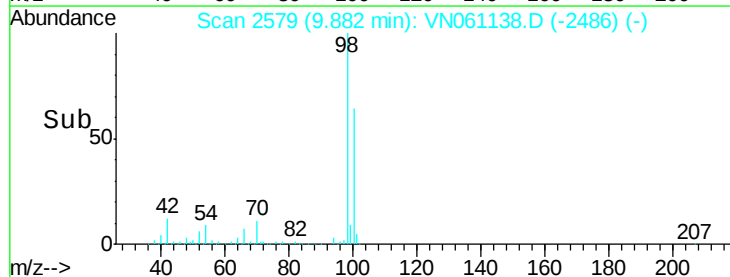
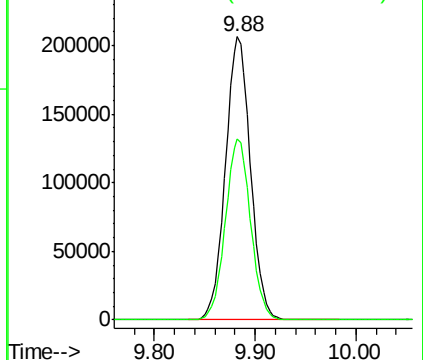
98 100

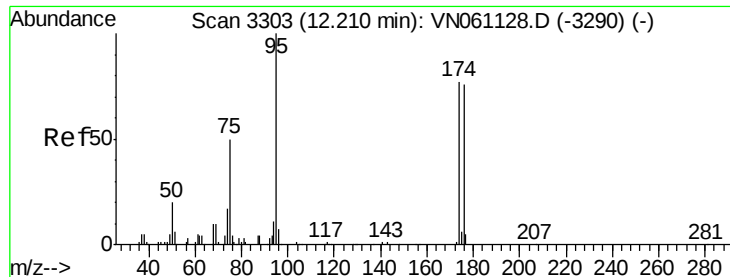
100 64.3 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 52.849 ug/l

RT: 12.21 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061138.D

Acq: 22 Apr 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-363-365

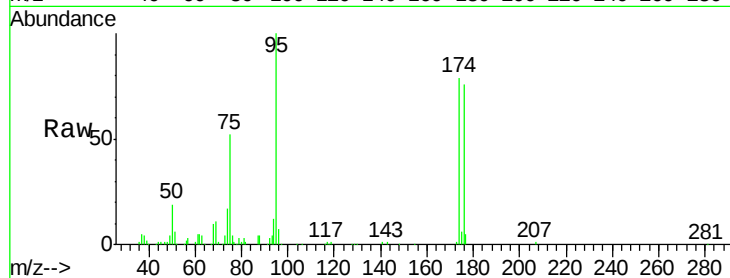
Tot Ion: 95 Resp: 141041

Ion Ratio Lower Upper

95 100

174 80.9 0.0 157.6

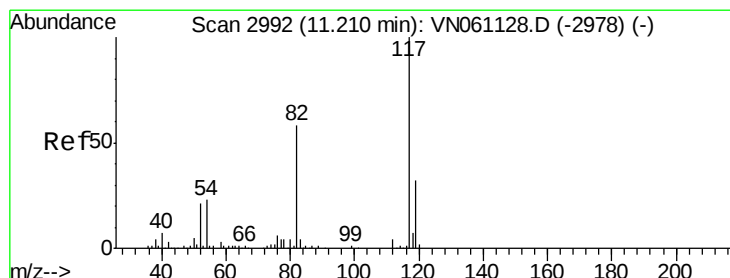
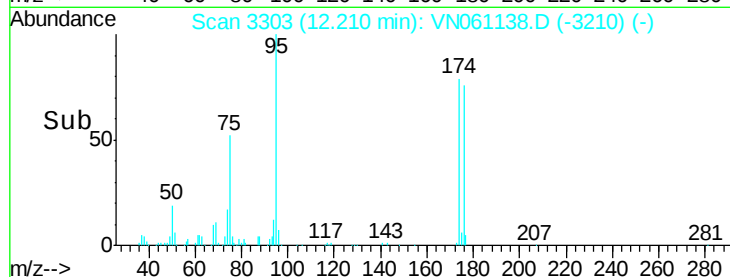
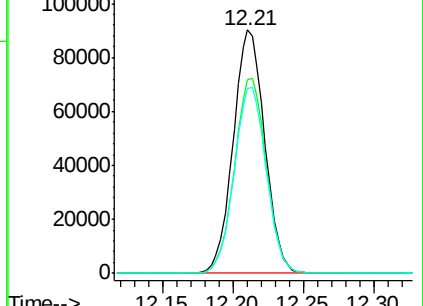
176 77.9 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): VN061138.D (-3210) (-)

Ion 173.80 (173.50 to 174.50): VN061138.D (-3210) (-)

Ion 175.80 (175.50 to 176.50): VN061138.D (-3210) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.21 min Scan# 2992

Delta R.T. 0.00 min

Lab File: VN061138.D

Acq: 22 Apr 2020 19:32

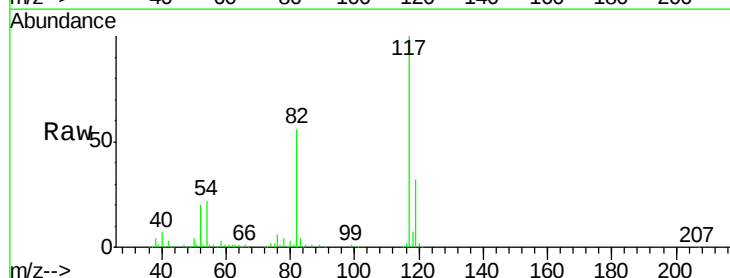
Tgt Ion: 117 Resp: 284303

Ion Ratio Lower Upper

117 100

82 56.3 46.0 69.0

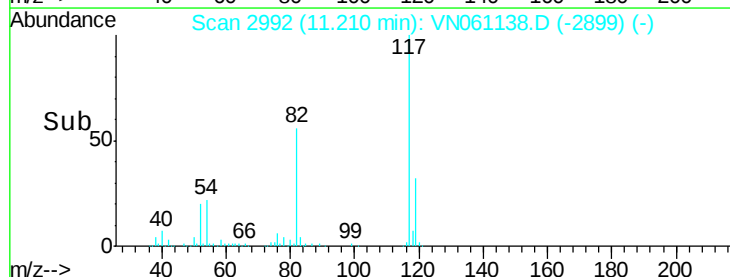
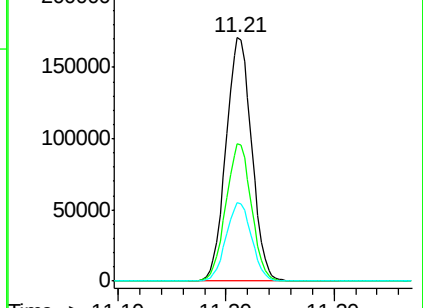
119 32.0 25.9 38.9

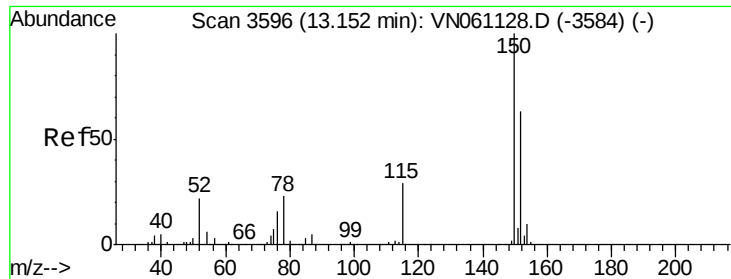


Abundance Ion 116.90 (116.60 to 117.60): VN061138.D (-2899) (-)

Ion 82.00 (81.70 to 82.70): VN061138.D (-2899) (-)

Ion 118.90 (118.60 to 119.60): VN061138.D (-2899) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.15 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061138.D

Acq: 22 Apr 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-363-365

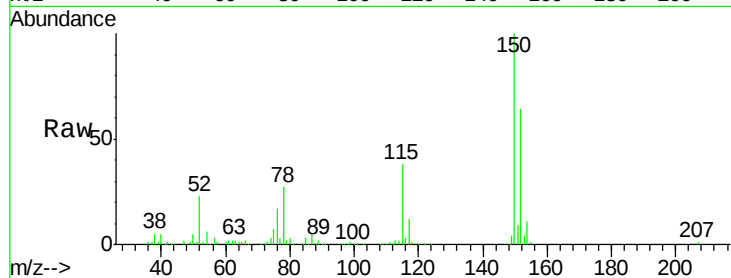
Tot Ion:152 Resp: 138338

Ion Ratio Lower Upper

152 100

115 59.1 29.8 89.5

150 156.5 0.0 348.6



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

