

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061059.D
 Acq On : 17 Apr 2020 18:25
 Operator : JC/MD
 Sample : L2337-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-483-485

Quant Time: Apr 20 04:08:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

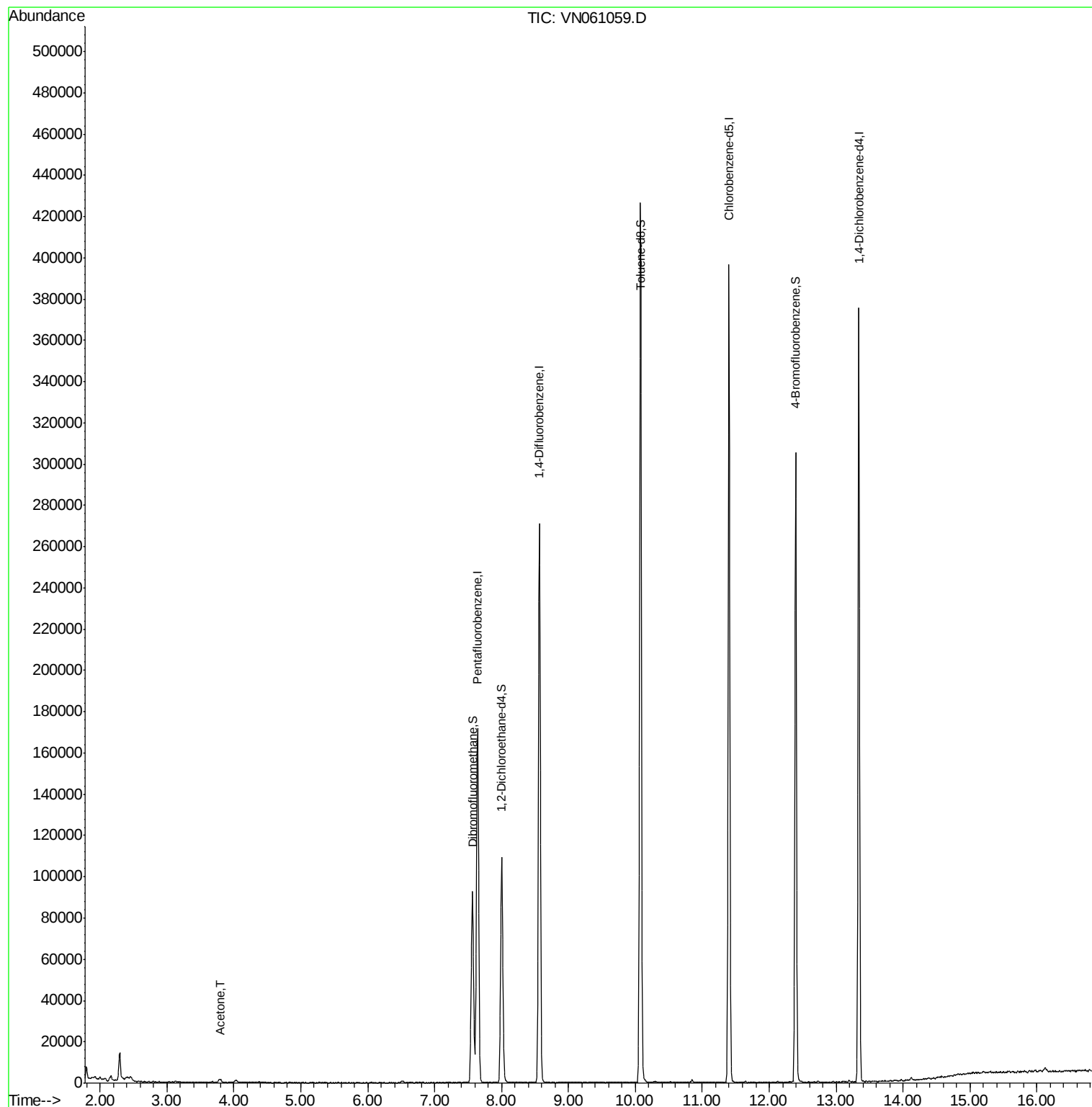
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	138584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	235183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	222559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	96846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	95087	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
35) Dibromofluoromethane	7.56	113	71593	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
50) Toluene-d8	10.08	98	294543	56.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.50%	
62) 4-Bromofluorobenzene	12.40	95	107298	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
Target Compounds						
16) Acetone	3.79	43	3420	4.382	ug/l	Qvalue 89

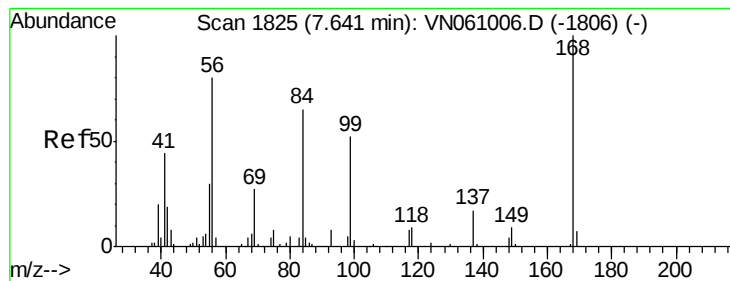
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

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Acq: 17 Apr 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

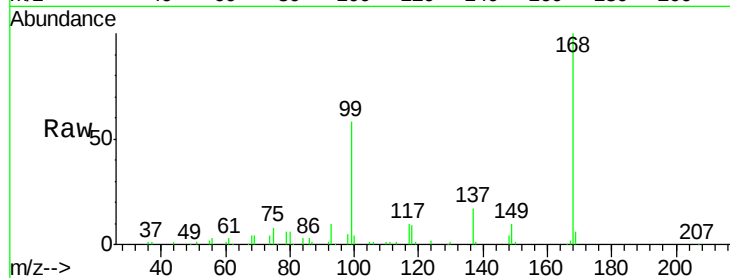
BP-VPB180-GW-483-485

Tot Ion:168 Resp: 138584

Ion Ratio Lower Upper

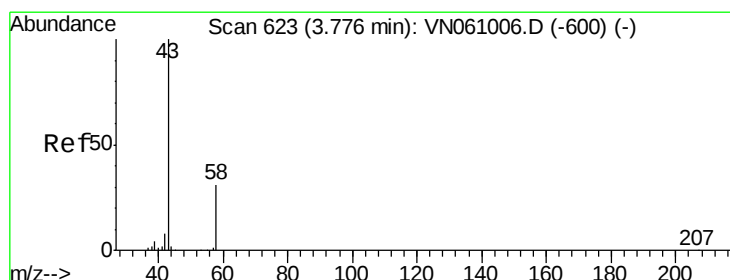
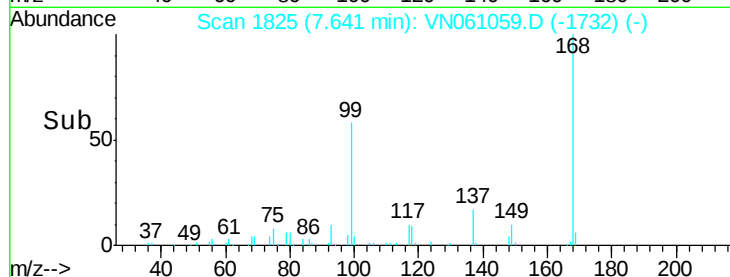
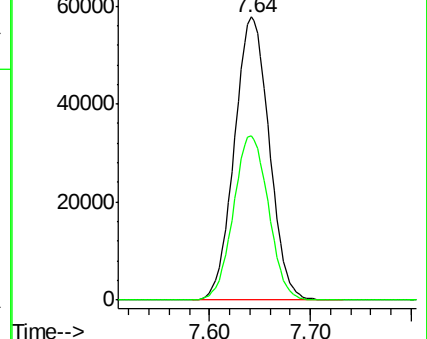
168 100

99 58.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 4.382 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN061059.D

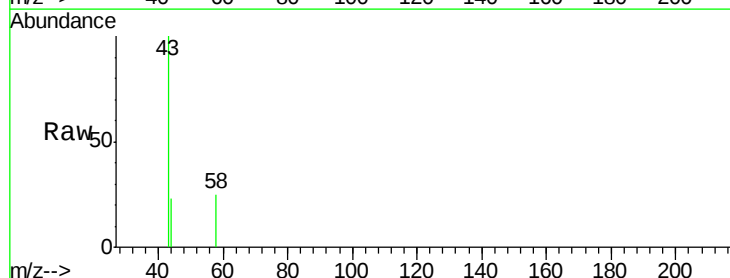
Acq: 17 Apr 2020 18:25

Tgt Ion: 43 Resp: 3420

Ion Ratio Lower Upper

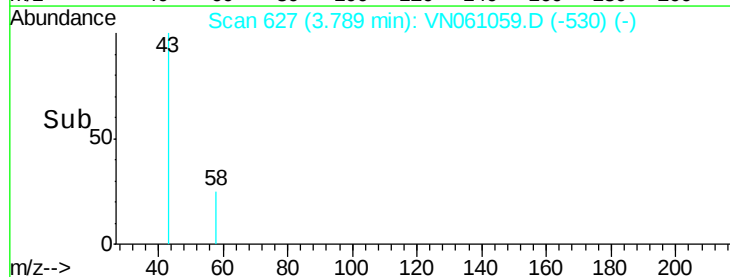
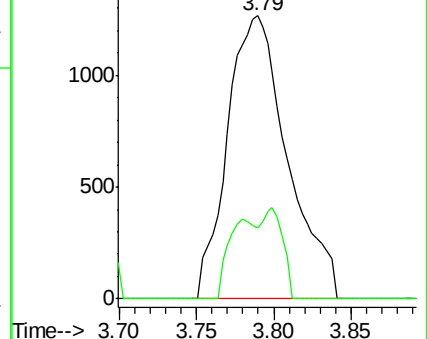
43 100

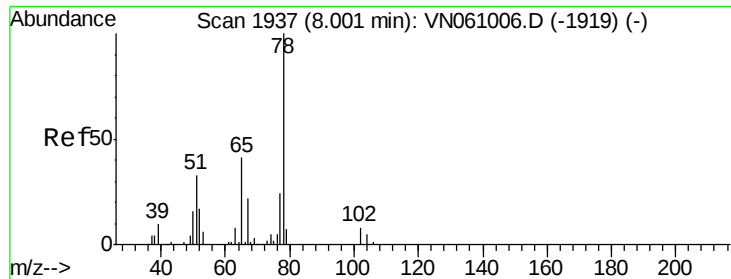
58 24.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 53.628 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061059.D

Acq: 17 Apr 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

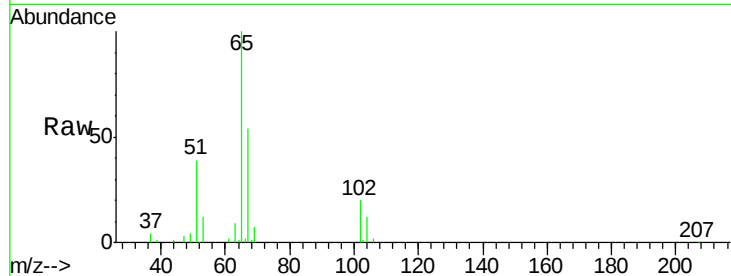
BP-VPB180-GW-483-485

Tot Ion: 65 Resp: 95087

Ion Ratio Lower Upper

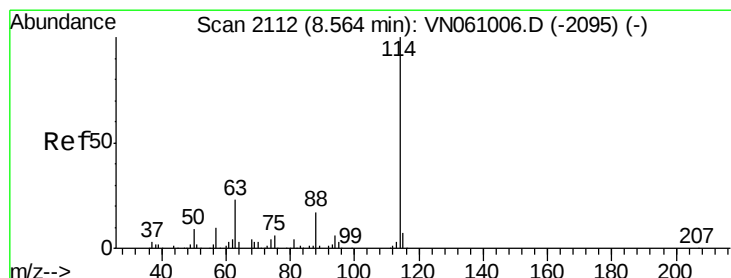
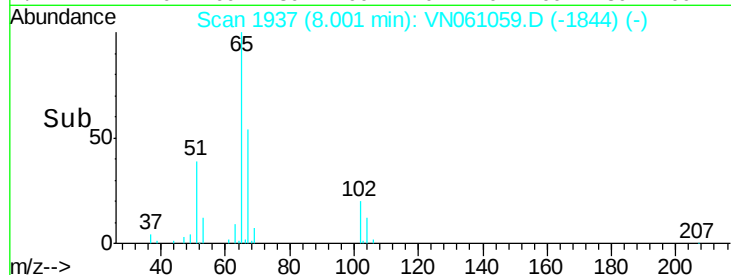
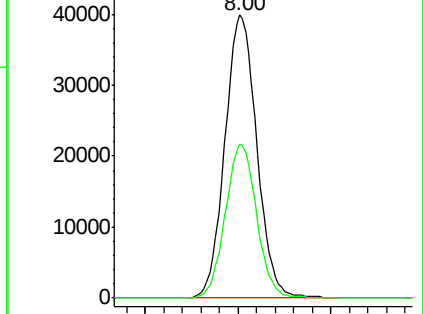
65 100

67 53.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061006.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN061006.D (-1919) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061059.D

Acq: 17 Apr 2020 18:25

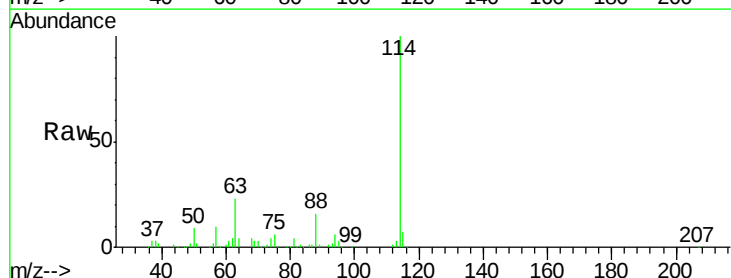
Tgt Ion: 114 Resp: 235183

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.2

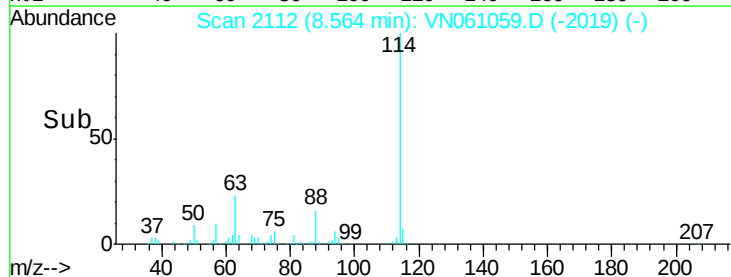
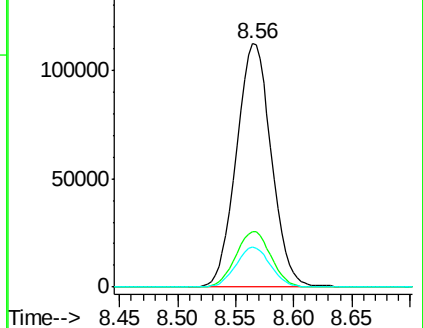
88 16.4 0.0 33.4

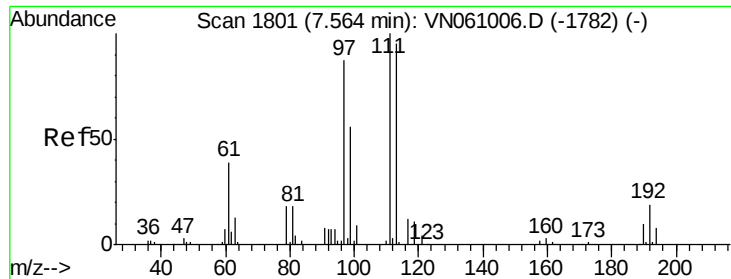


Abundance Ion 113.90 (113.60 to 114.60): VN061006.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN061006.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN061006.D (-2095) (-)

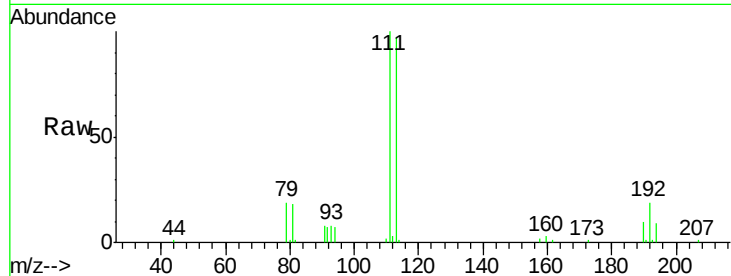




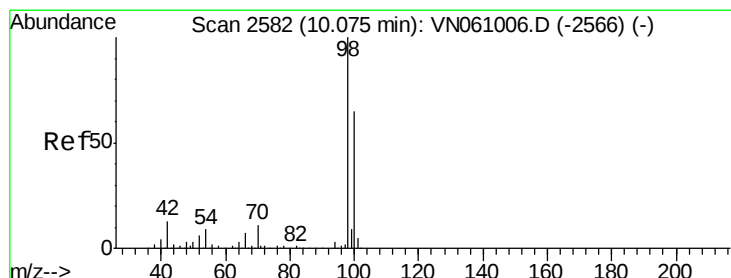
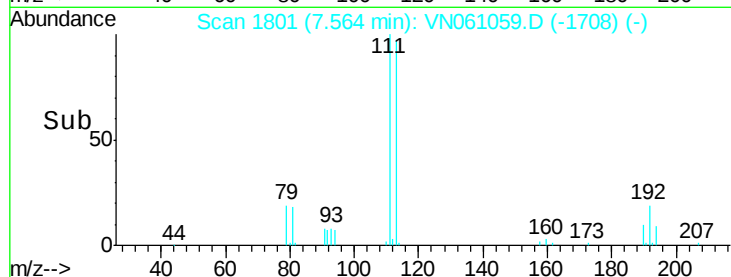
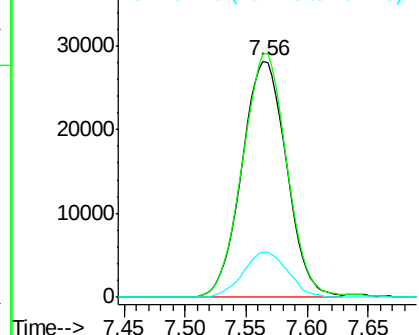
#35
Dibromofluoromethane
Concen: 52.127 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN061059.D
Acq: 17 Apr 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-483-485

Tot Ion:113 Resp: 71593
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.2
192 19.2 15.5 23.3

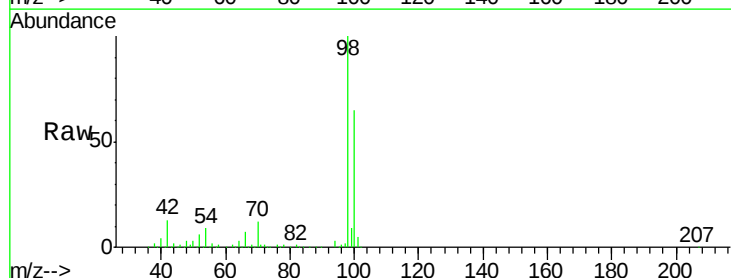


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

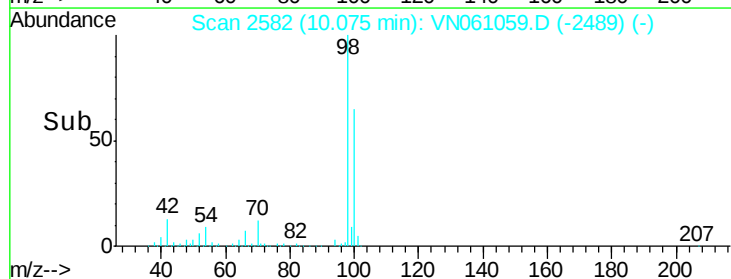
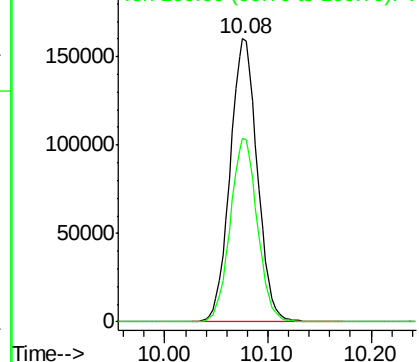


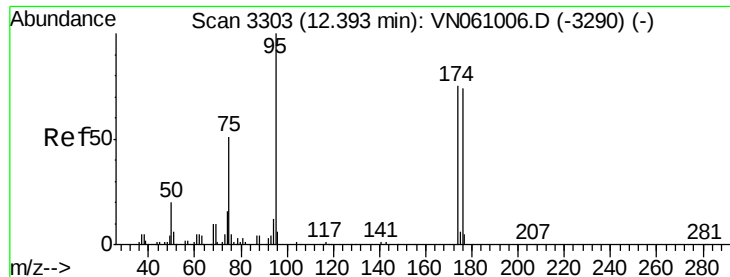
#50
Toluene-d8
Concen: 56.753 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061059.D
Acq: 17 Apr 2020 18:25

Tgt Ion: 98 Resp: 294543
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 52.750 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061059.D

Acq: 17 Apr 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-483-485

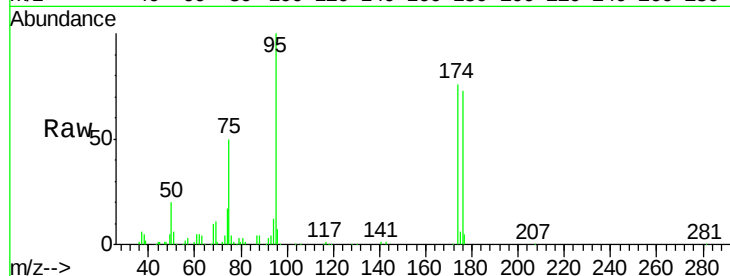
Tot Ion: 95 Resp: 107298

Ion Ratio Lower Upper

95 100

174 76.4 0.0 151.2

176 73.6 0.0 148.2

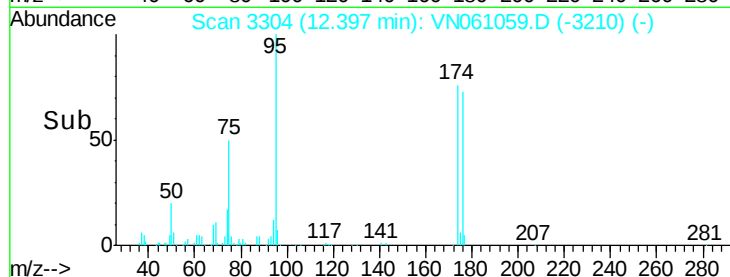


Abundance Ion 94.90 (94.60 to 95.60): VN061006.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN061006.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN061006.D (-3290) (-)

Time--> 12.30 12.40 12.50

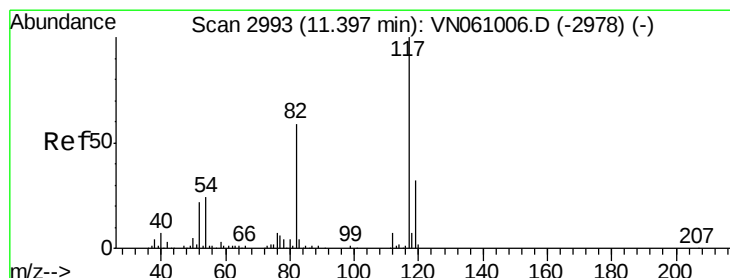


Abundance Ion 94.90 (94.60 to 95.60): VN061059.D (-3210) (-)

Ion 173.80 (173.50 to 174.50): VN061059.D (-3210) (-)

Ion 175.80 (175.50 to 176.50): VN061059.D (-3210) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. 0.00 min

Lab File: VN061059.D

Acq: 17 Apr 2020 18:25

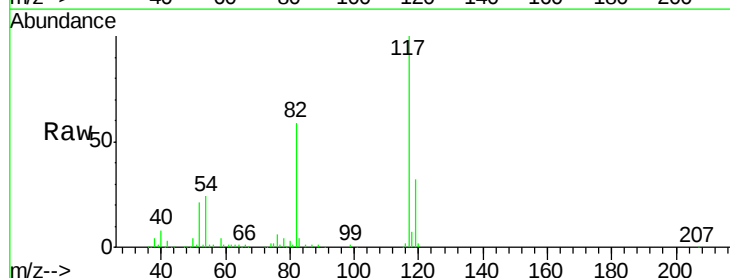
Tgt Ion: 117 Resp: 222559

Ion Ratio Lower Upper

117 100

82 58.7 47.1 70.7

119 32.1 25.7 38.5

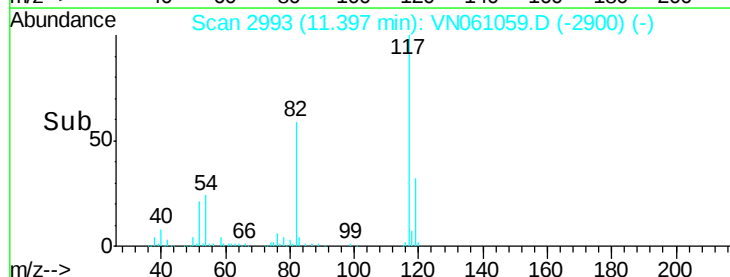


Abundance Ion 116.90 (116.60 to 117.60): VN061006.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN061006.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN061006.D (-2978) (-)

Time--> 11.30 11.40 11.50

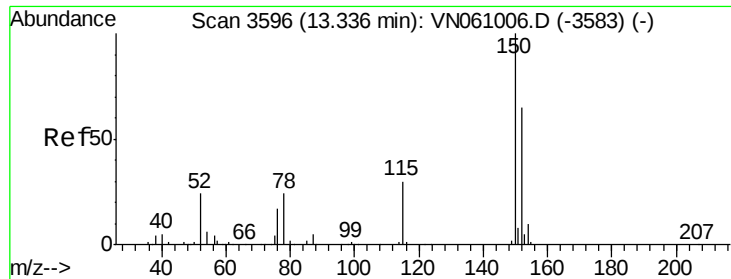


Abundance Ion 116.90 (116.60 to 117.60): VN061059.D (-2900) (-)

Ion 82.00 (81.70 to 82.70): VN061059.D (-2900) (-)

Ion 118.90 (118.60 to 119.60): VN061059.D (-2900) (-)

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061059.D

Acq: 17 Apr 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-483-485

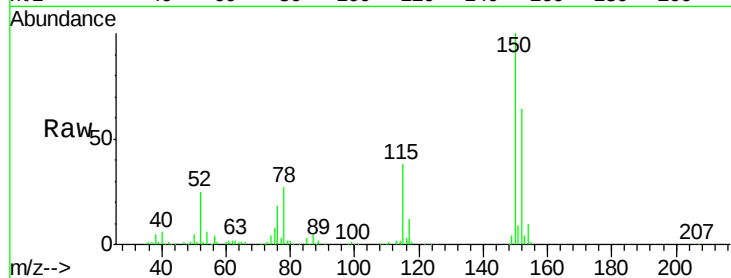
Tot Ion:152 Resp: 96846

Ion Ratio Lower Upper

152 100

115 60.1 30.8 92.4

150 155.9 0.0 349.0



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

