

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061818\
 Data File : VD058176.D
 Acq On : 18 Jun 2018 12:44
 Operator : VA/AP
 Sample : VD0618SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBL01

Quant Time: Jun 19 06:43:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	943015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1142883	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	914078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	513495	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	393713	41.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.52%	
35) Dibromofluoromethane	5.54	113	441510	49.93	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	8.70	98	990390	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
62) 4-Bromofluorobenzene	11.93	95	437427	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	

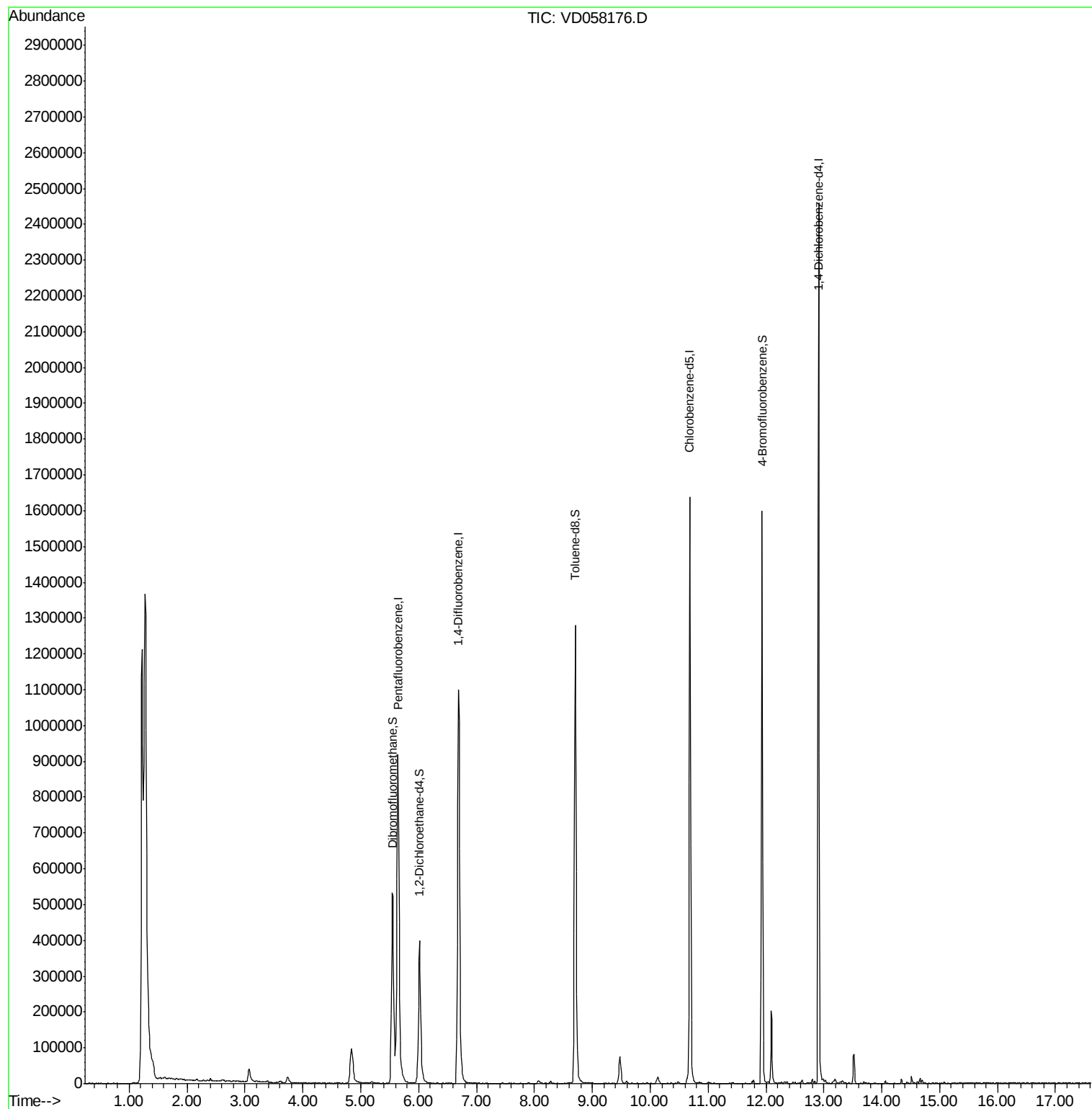
Target Compounds	Qvalue
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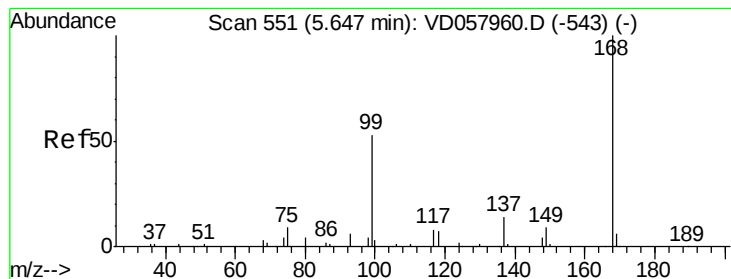
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.00 min

Lab File: VD058176.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_D

ClientSampleId :

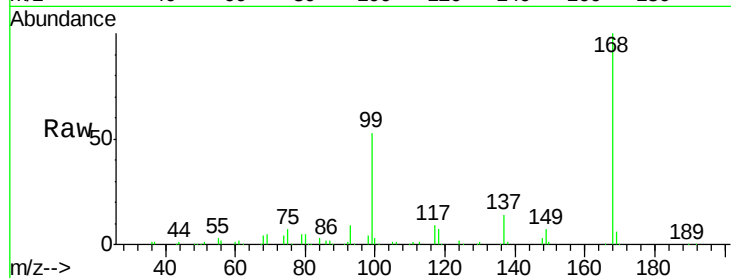
VD0618SBL01

Tot Ion:168 Resp: 943015

Ion Ratio Lower Upper

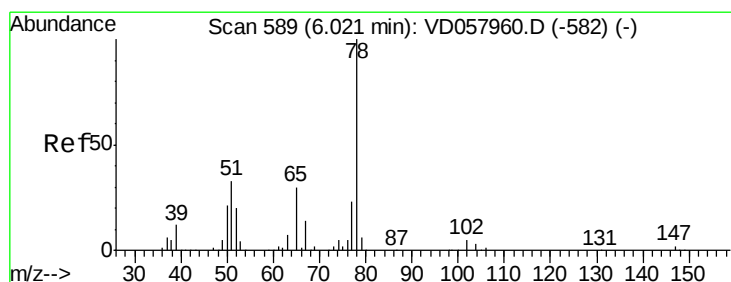
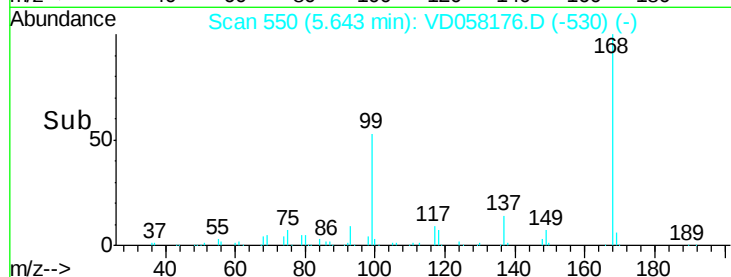
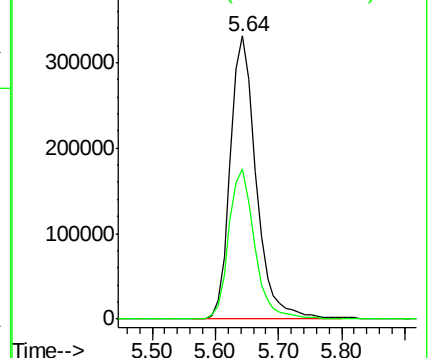
168 100

99 53.2 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 588

Delta R.T. -0.00 min

Lab File: VD058176.D

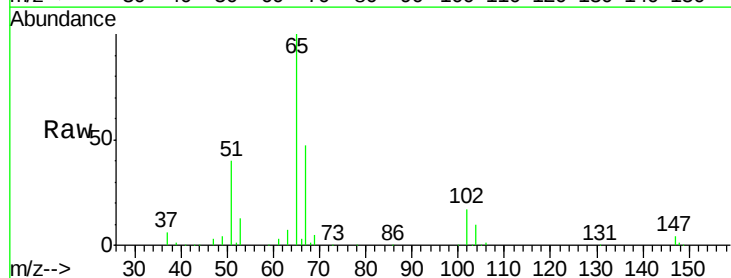
Acq: 18 Jun 2018 12:44

Tgt Ion: 65 Resp: 393713

Ion Ratio Lower Upper

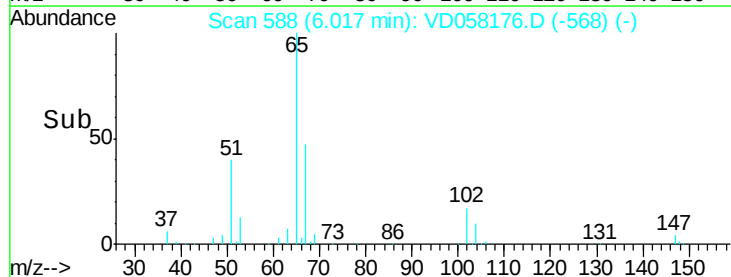
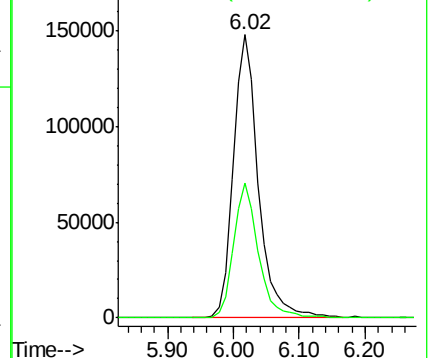
65 100

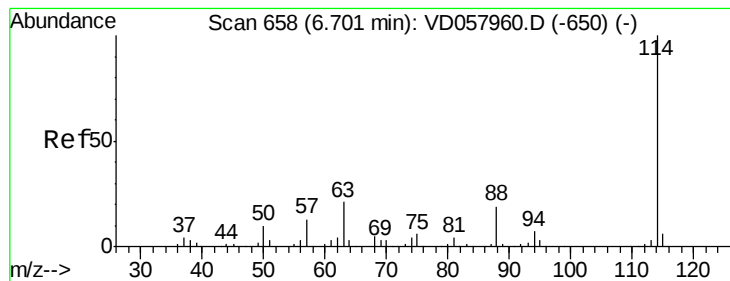
67 47.5 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: VD058176.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBL01

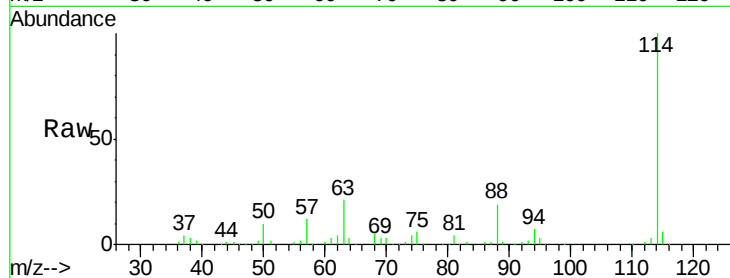
Tot Ion:114 Resp: 1142883

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

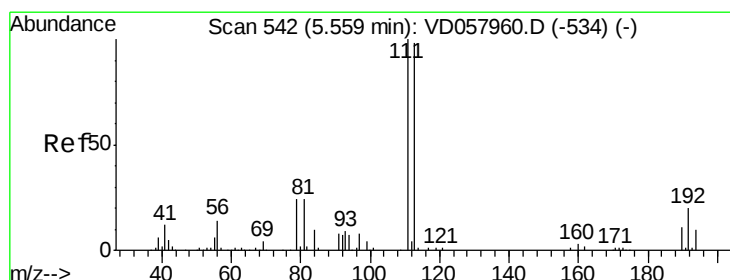
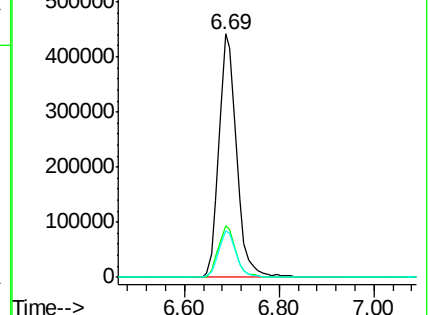
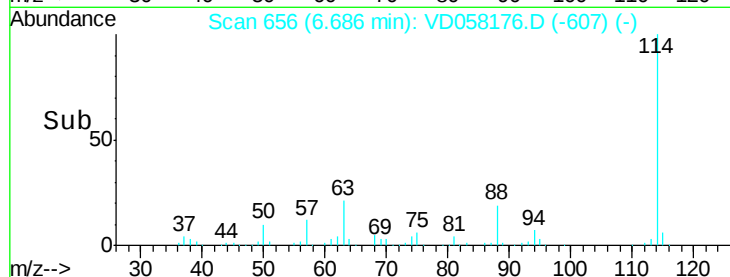
88 19.1 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.01 min

Lab File: VD058176.D

Acq: 18 Jun 2018 12:44

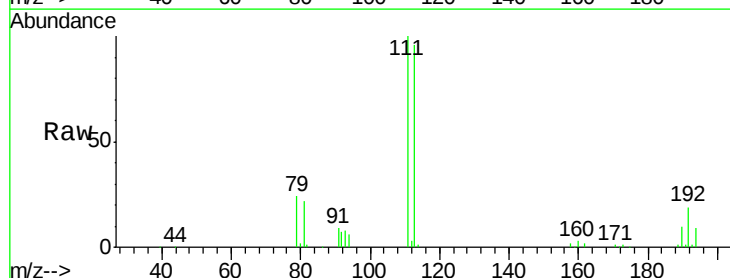
Tgt Ion:113 Resp: 441510

Ion Ratio Lower Upper

113 100

111 104.5 81.5 122.3

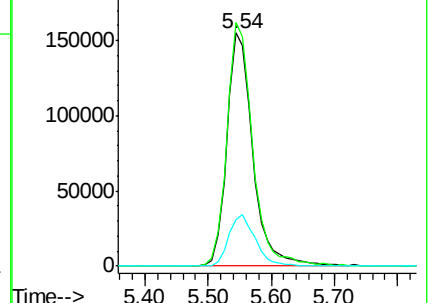
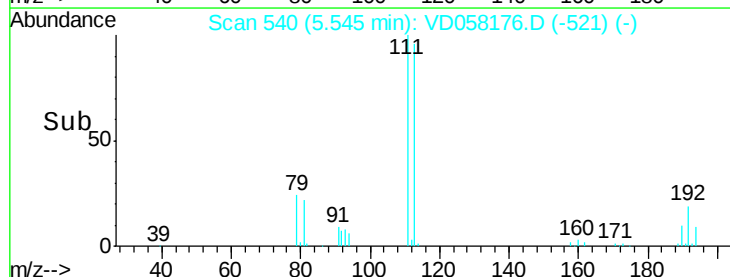
192 20.2 16.4 24.6

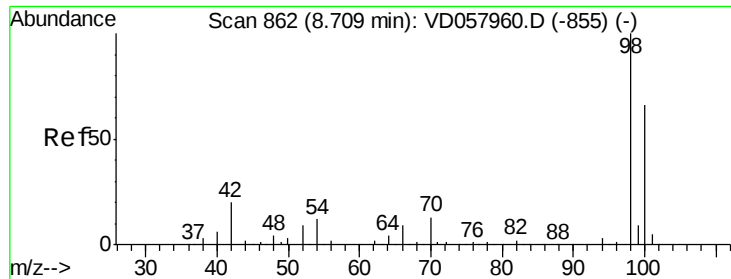


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.00 min

Lab File: VD058176.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_D

ClientSampleId :

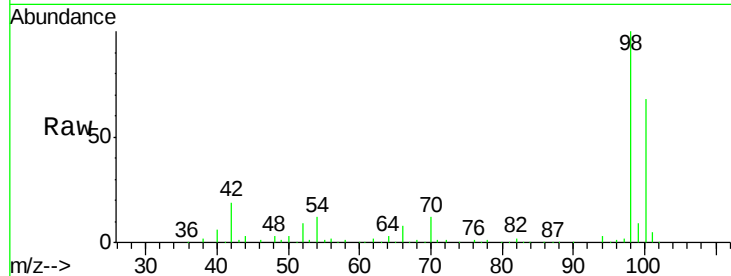
VD0618SBL01

Tot Ion: 98 Resp: 990390

Ion Ratio Lower Upper

98 100

100 68.4 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.70

400000

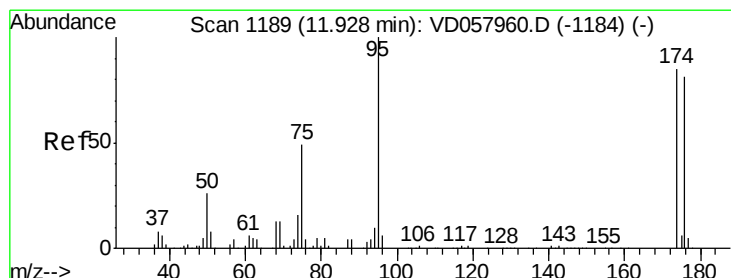
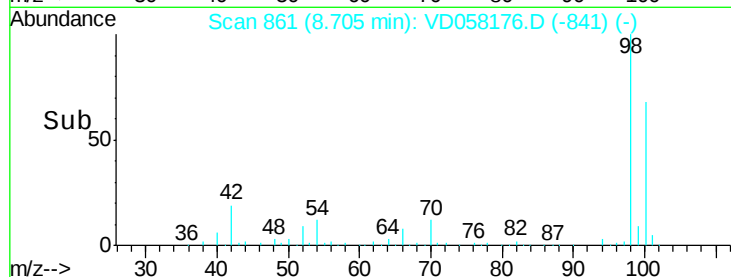
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058176.D

Acq: 18 Jun 2018 12:44

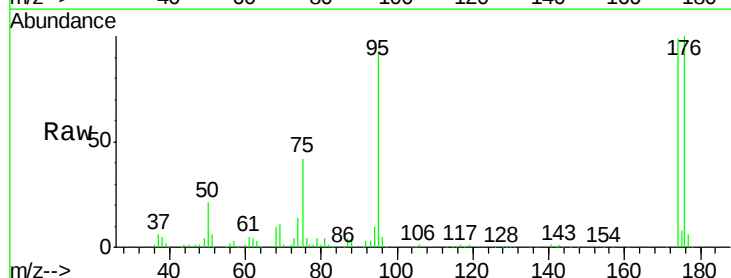
Tgt Ion: 95 Resp: 437427

Ion Ratio Lower Upper

95 100

174 107.5 0.0 169.4

176 109.1 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

400000

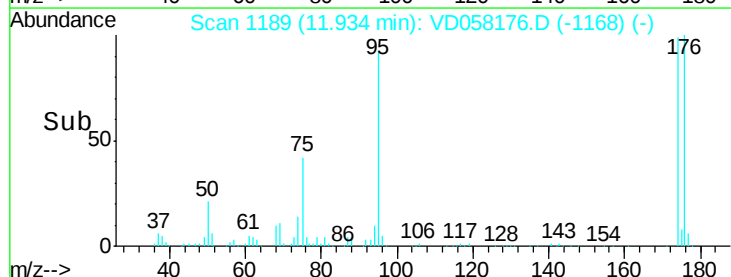
300000

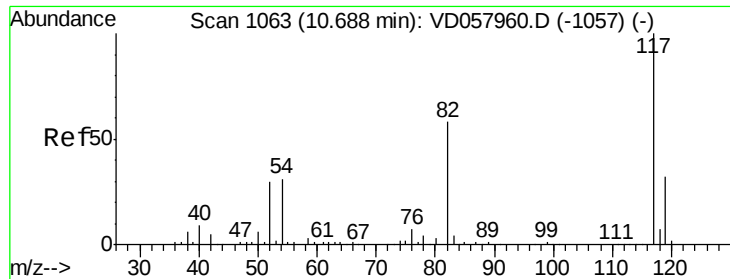
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VD058176.D

Acq: 18 Jun 2018 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBL01

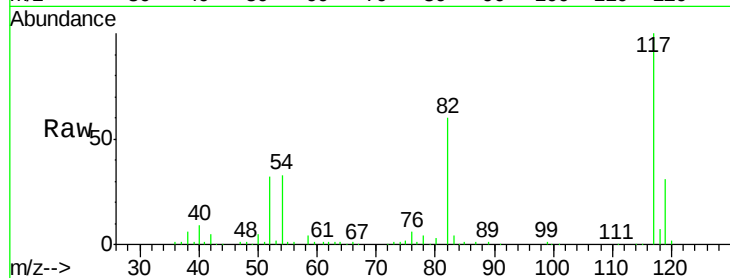
Tot Ion:117 Resp: 914078

Ion Ratio Lower Upper

117 100

82 60.3 46.8 70.2

119 30.8 25.8 38.6

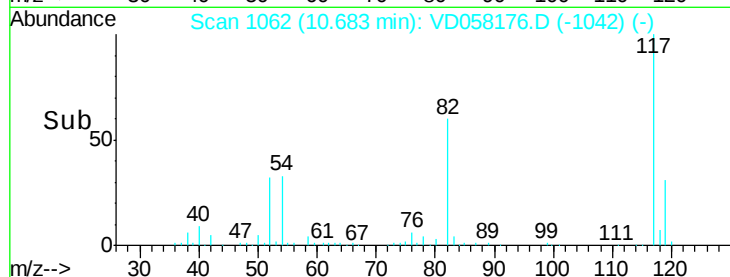


Abundance Ion 116.95 (116.65 to 117.65): V

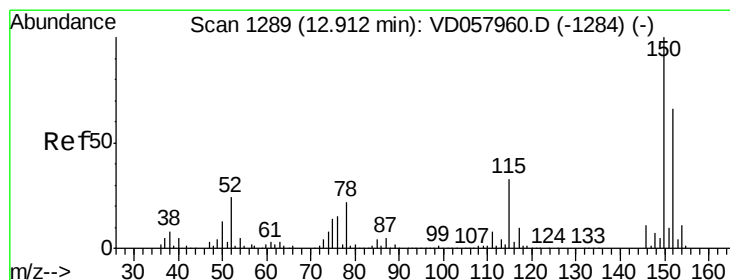
Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD058176.D

Acq: 18 Jun 2018 12:44

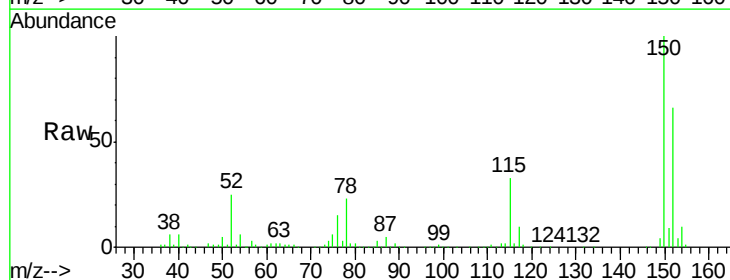
Tgt Ion:152 Resp: 513495

Ion Ratio Lower Upper

152 100

115 50.7 25.6 76.6

150 152.1 0.0 306.8

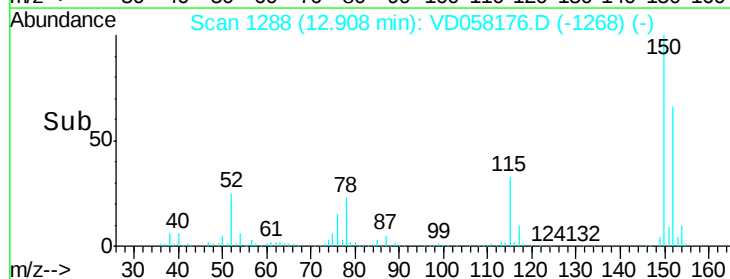


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Time-->