

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057999.D
 Acq On : 8 Jun 2018 5:57
 Operator : JC/SY
 Sample : J3329-08RE
 Misc : 6.13g/5ml/MSVOA D/SOIL
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-36(0-5)RE

Quant Time: Jun 08 08:38:14 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

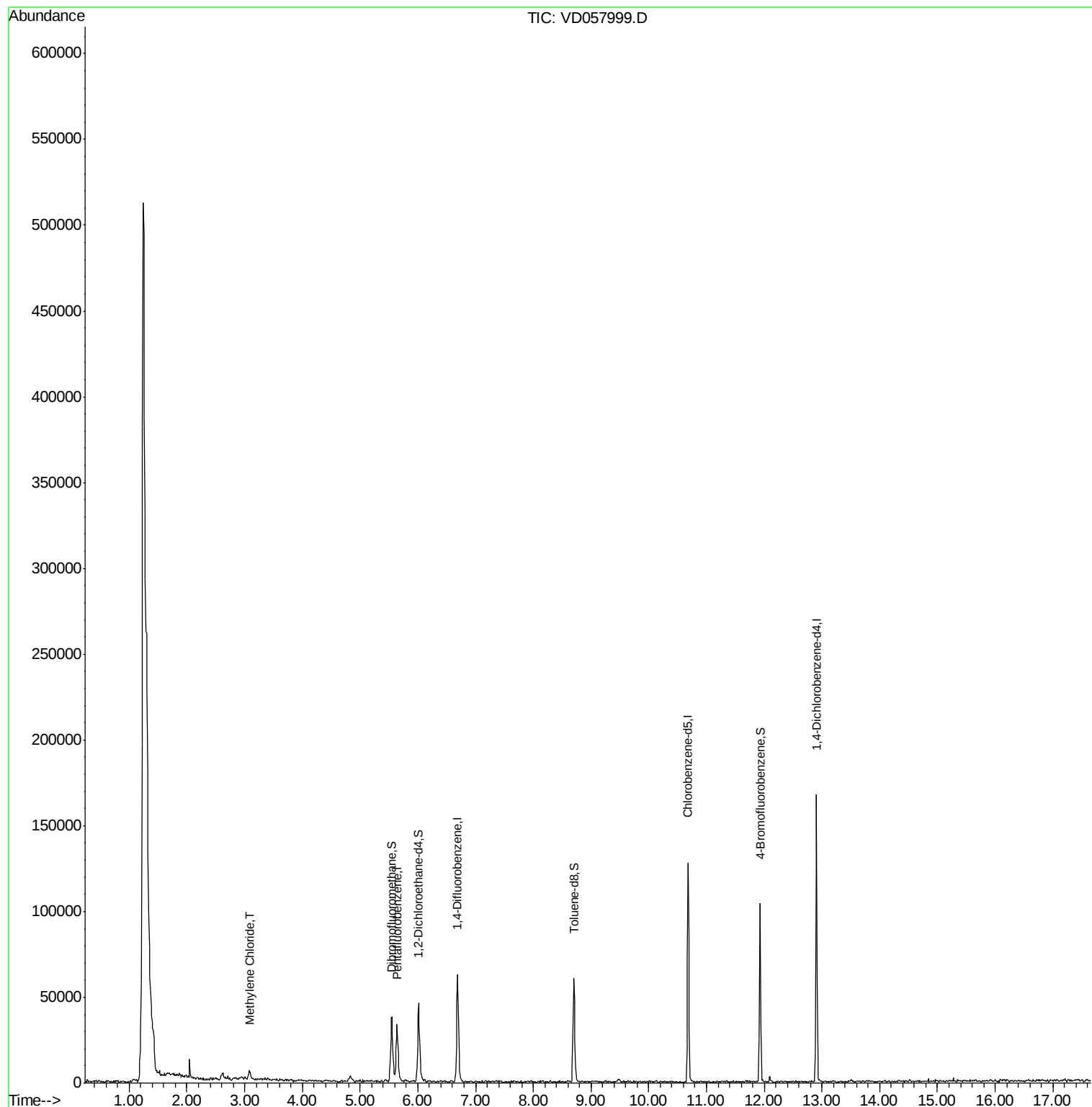
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	32555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	63875	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	64804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	35756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	45439	139.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	279.22%	
35) Dibromofluoromethane	5.54	113	31532	63.80	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	127.60%	
50) Toluene-d8	8.70	98	49830	42.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.82%	
62) 4-Bromofluorobenzene	11.92	95	30519	59.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.08%	
Target Compounds						
20) Methylene Chloride	3.07	84	1894	10.857	ug/l #	Qvalue 79

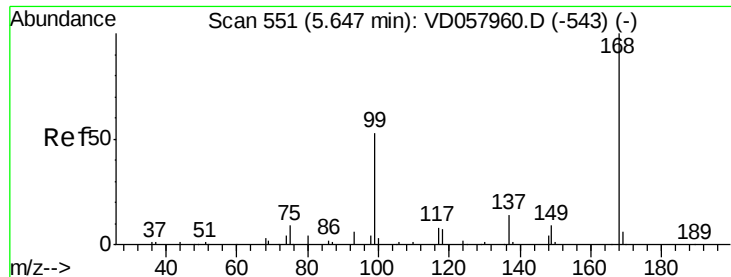
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

Instrument :

MSVOA_D

ClientSampleId :

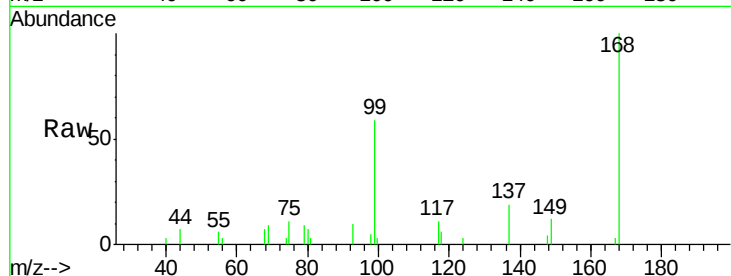
MH-36(0-5)RE

Tot Ion:168 Resp: 32555

Ion Ratio Lower Upper

168 100

99 62.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

12000

10000

8000

6000

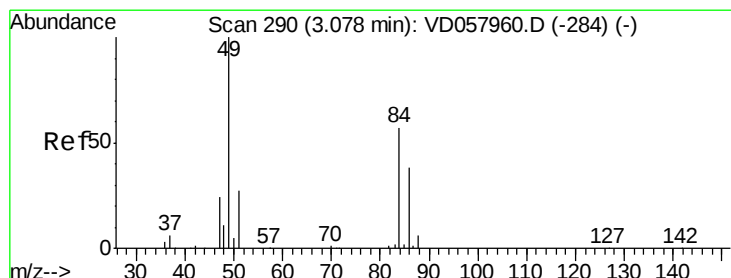
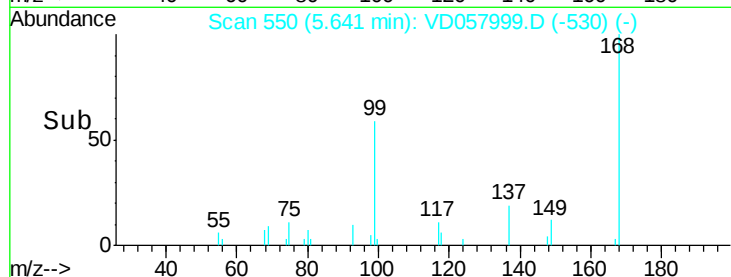
4000

2000

0

Time-->

5.60 5.70



#20

Methylene Chloride

Concen: 10.857 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.01 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

Tgt Ion: 84 Resp: 1894

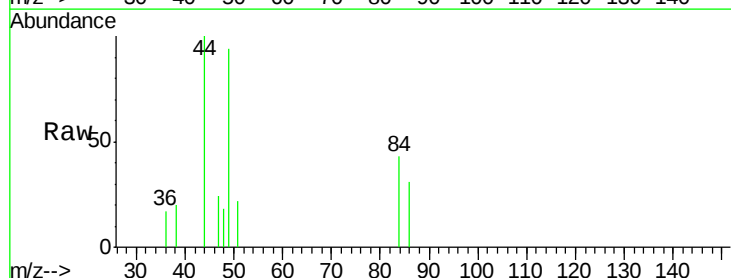
Ion Ratio Lower Upper

84 100

49 219.8 141.4 212.0#

51 50.6 38.3 57.5

86 72.8 52.9 79.3



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3000

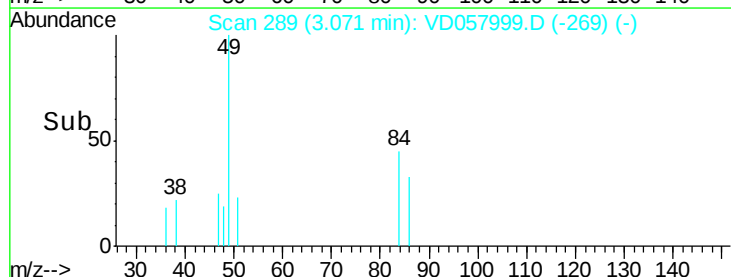
2000

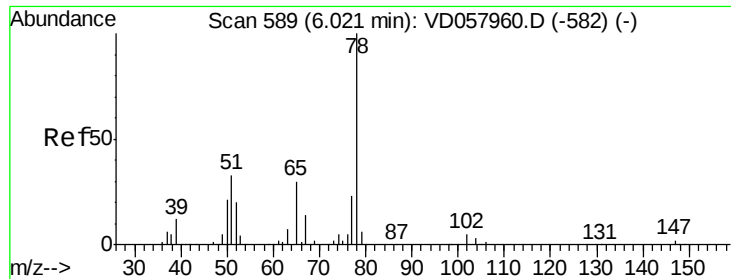
1000

0

Time-->

3.05 3.10 3.15





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

Instrument :

MSVOA_D

ClientSampleId :

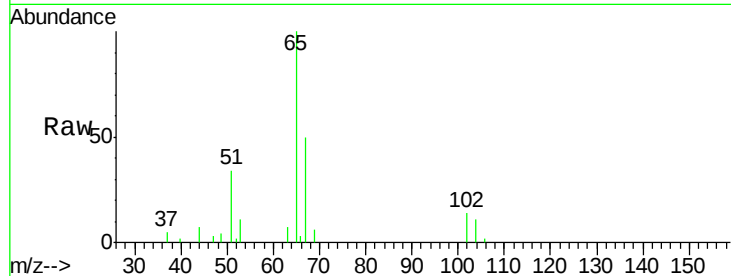
MH-36(0-5)RE

Tot Ion: 65 Resp: 45439

Ion Ratio Lower Upper

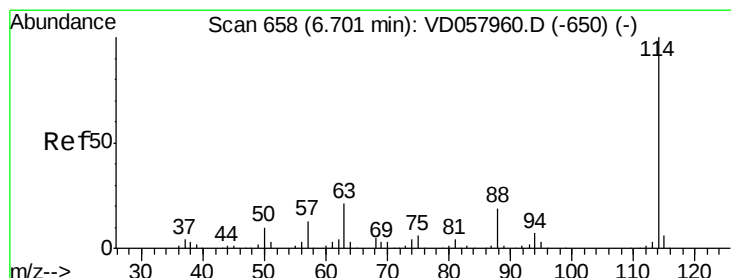
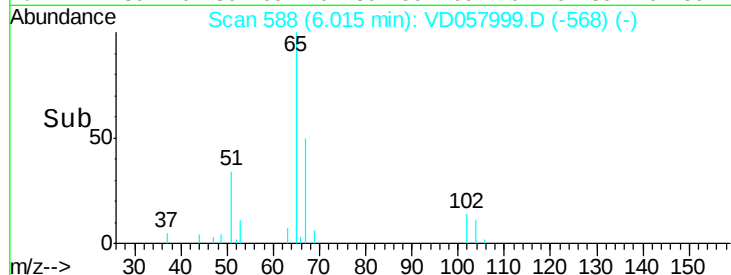
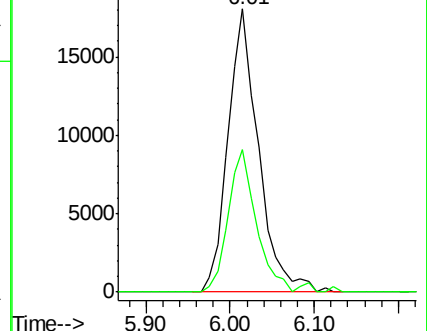
65 100

67 50.3 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: 50.000 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

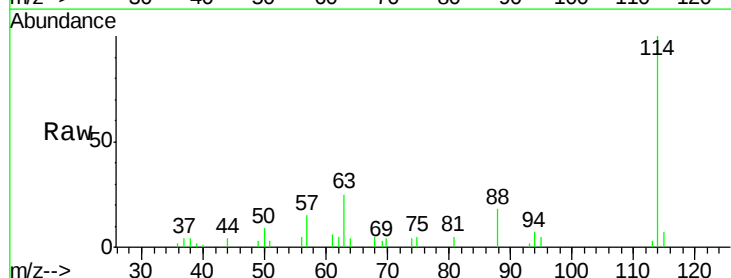
Tgt Ion: 114 Resp: 63875

Ion Ratio Lower Upper

114 100

63 25.3 0.0 42.8

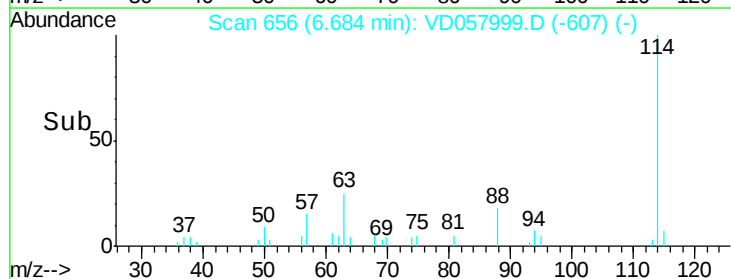
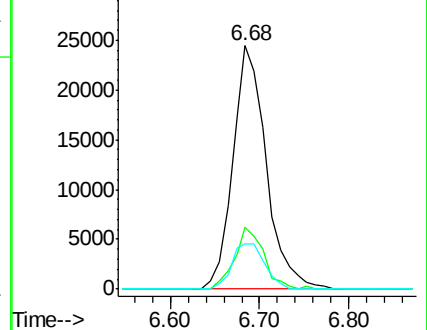
88 18.4 0.0 37.8

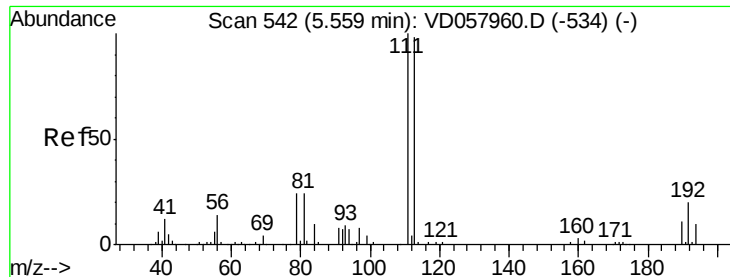


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

Instrument :

MSVOA_D

ClientSampleId :

MH-36(0-5)RE

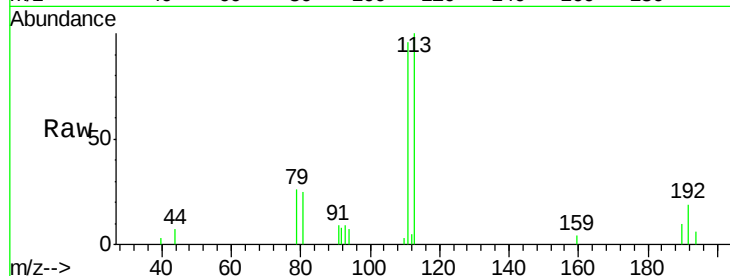
Tot Ion:113 Resp: 31532

Ion Ratio Lower Upper

113 100

111 96.1 81.5 122.3

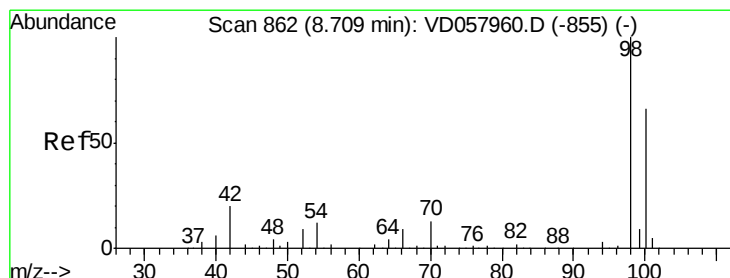
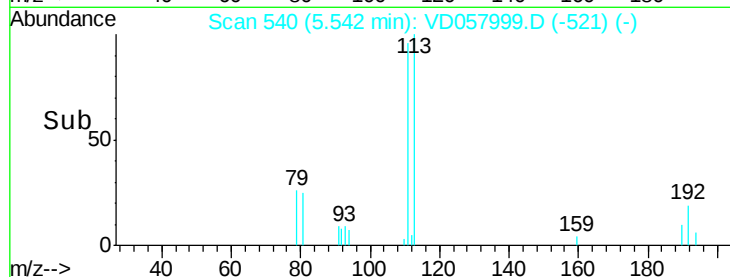
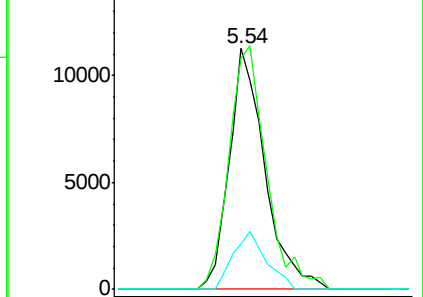
192 18.7 16.4 24.6



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. -0.01 min

Lab File: VD057999.D

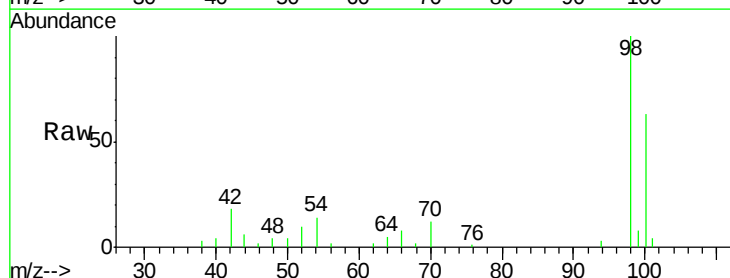
Acq: 8 Jun 2018 5:57

Tgt Ion: 98 Resp: 49830

Ion Ratio Lower Upper

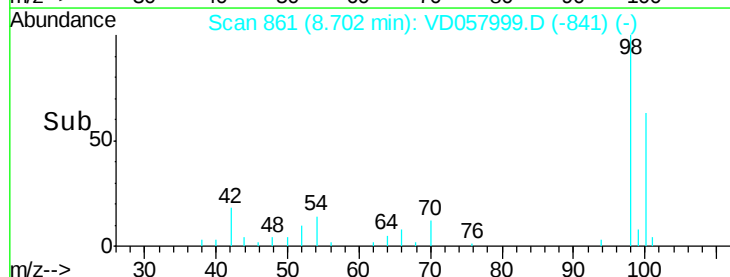
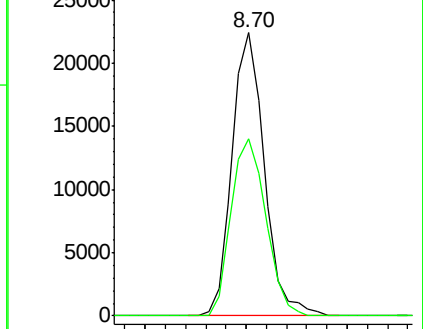
98 100

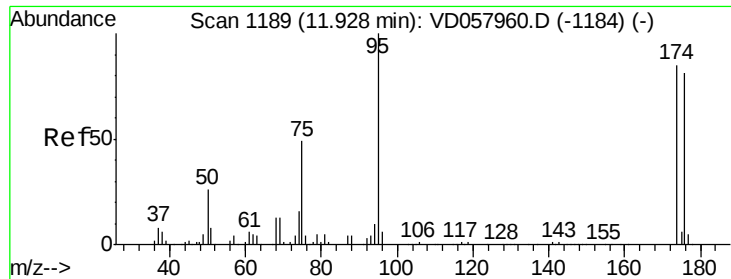
100 62.8 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

Instrument :

MSVOA_D

ClientSampleId :

MH-36(0-5)RE

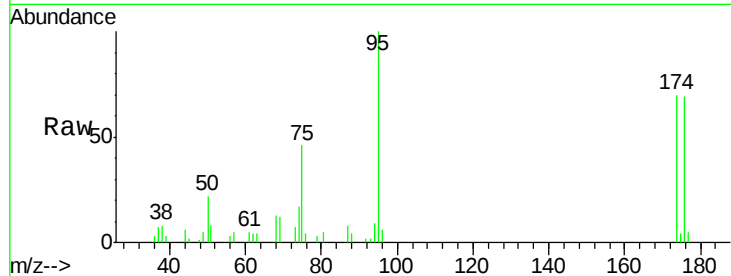
Tot Ion: 95 Resp: 30519

Ion Ratio Lower Upper

95 100

174 69.7 0.0 169.4

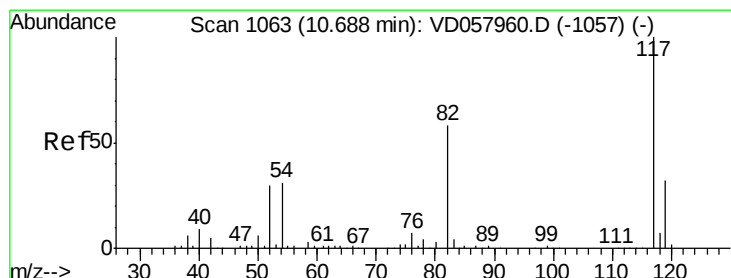
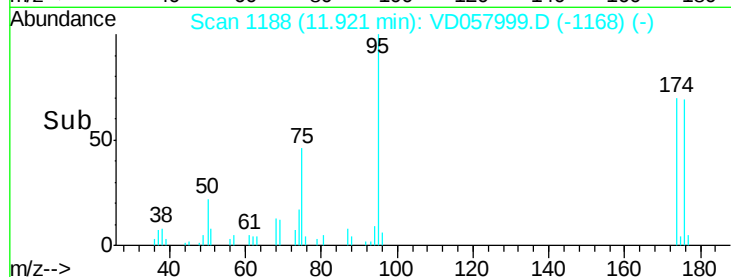
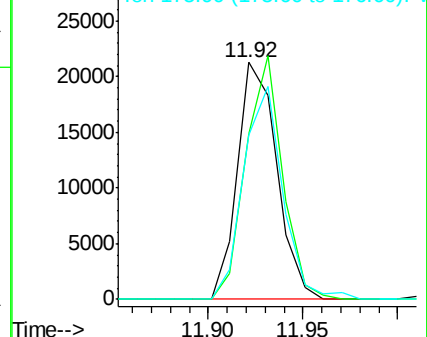
176 69.2 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

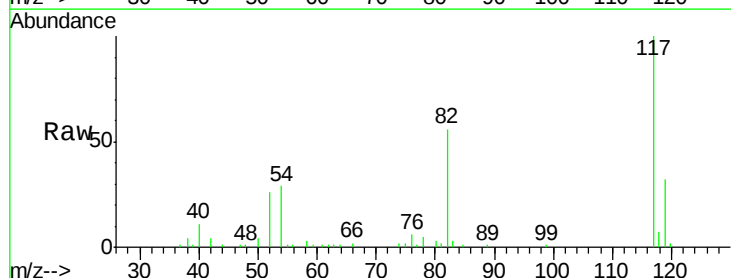
Tgt Ion: 117 Resp: 64804

Ion Ratio Lower Upper

117 100

82 55.5 46.8 70.2

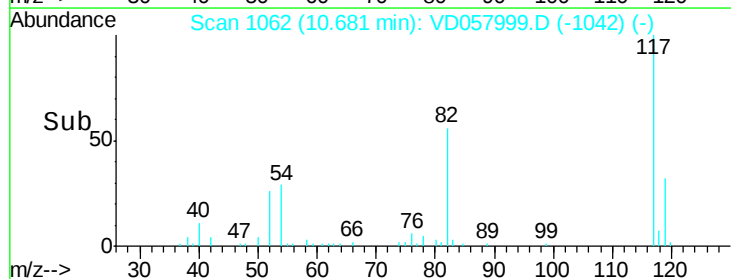
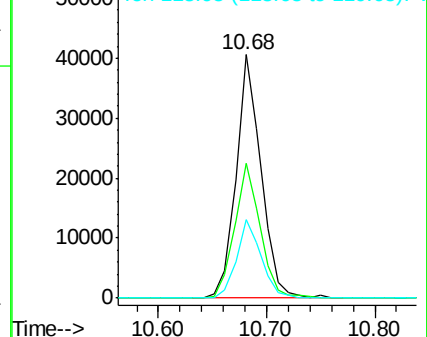
119 32.1 25.8 38.6

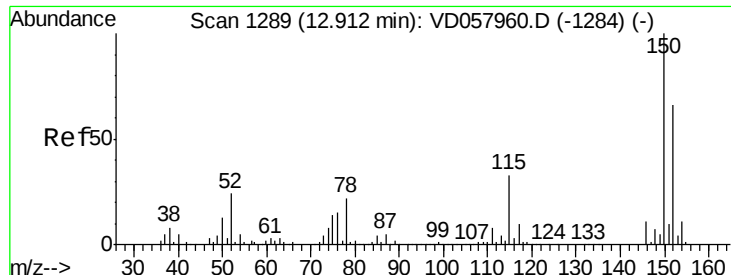


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD057999.D

Acq: 8 Jun 2018 5:57

Instrument :

MSVOA_D

ClientSampleId :

MH-36(0-5)RE

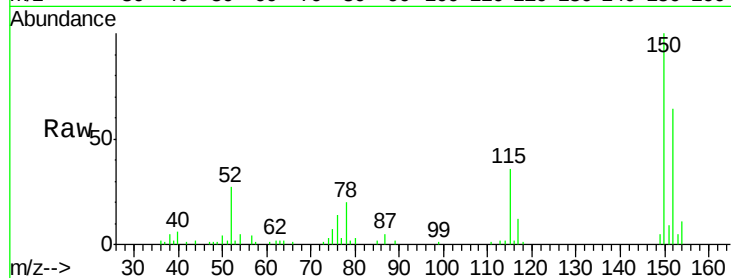
Tot Ion:152 Resp: 35756

Ion Ratio Lower Upper

152 100

115 55.9 25.6 76.6

150 156.6 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

