

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059488.D
 Acq On : 29 Jun 2018 13:31
 Operator : VA/AP
 Sample : J3749-01RE
 Misc : 13.49g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

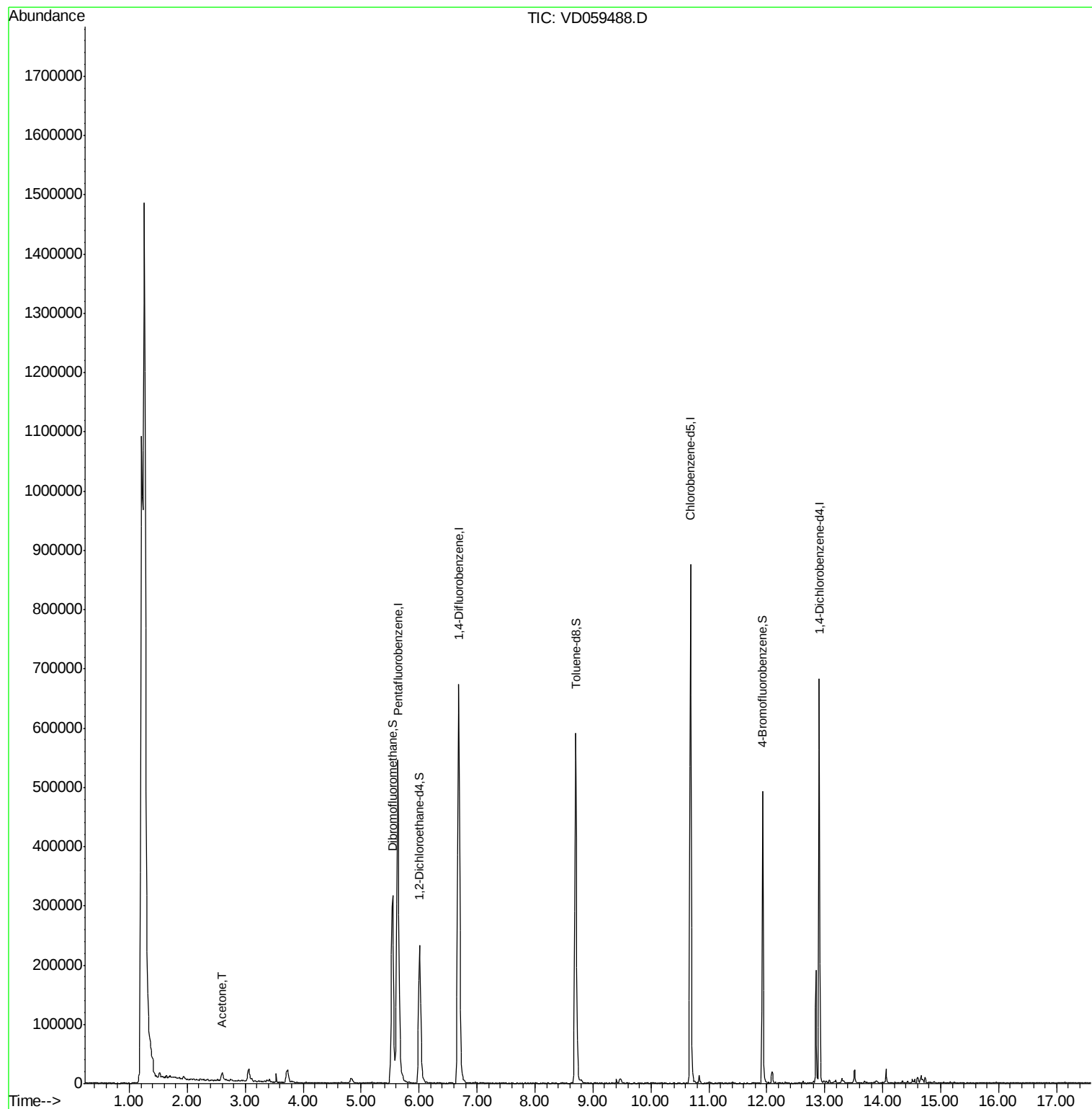
Quant Time: Jun 30 01:04:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

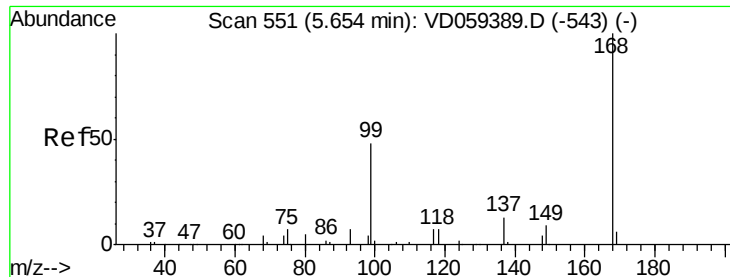
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	556385	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.69	114	708799	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	474491	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	153448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	222236	39.06	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.12%	
35) Dibromofluoromethane	5.53	113	258792	44.82	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	89.64%	
50) Toluene-d8	8.70	98	475913	35.26	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	70.52%	
62) 4-Bromofluorobenzene	11.92	95	145577	25.93	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	51.86%	
Target Compounds						
16) Acetone	2.60	43	29327	40.84	ug/l	Qvalue 98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD059488.D

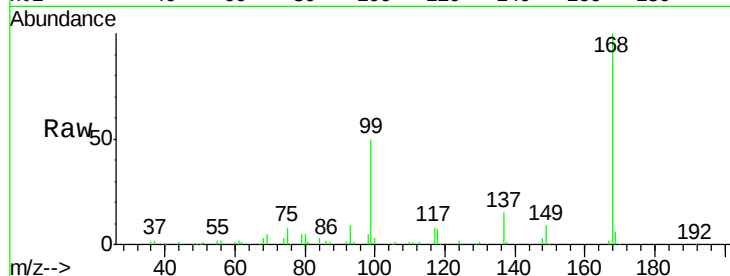
Acq: 29 Jun 2018 13:31

Tot Ion:168 Resp: 556385

Ion Ratio Lower Upper

168 100

99 49.9 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

200000

150000

100000

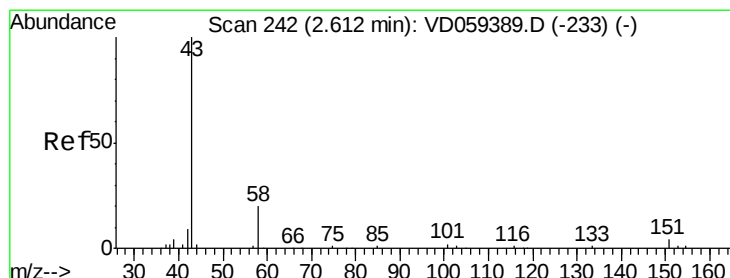
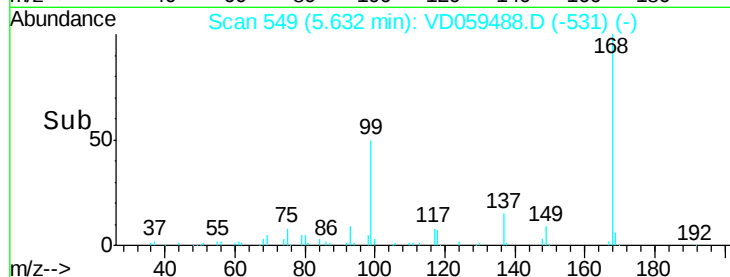
50000

0

5.63

5.50 5.60 5.70 5.80 5.90

Time-->



#16

Acetone

Concen: 40.84 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD059488.D

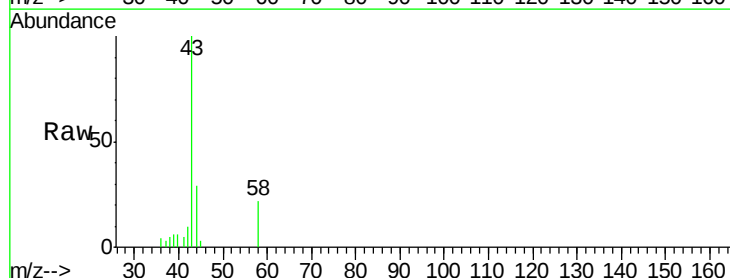
Acq: 29 Jun 2018 13:31

Tgt Ion: 43 Resp: 29327

Ion Ratio Lower Upper

43 100

58 22.0 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10000

8000

6000

4000

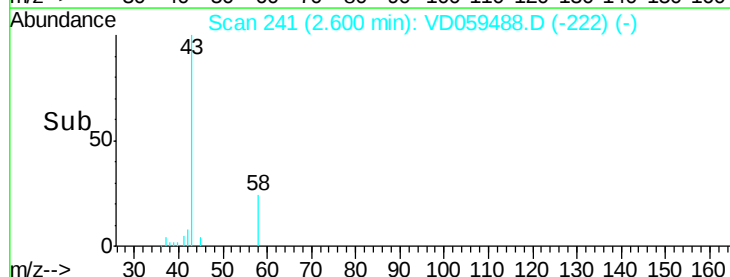
2000

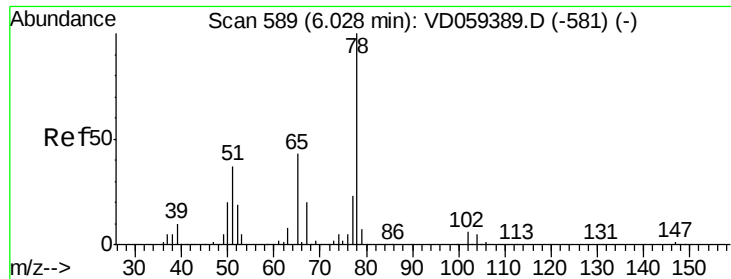
0

2.60

2.50 2.60 2.70

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD059488.D

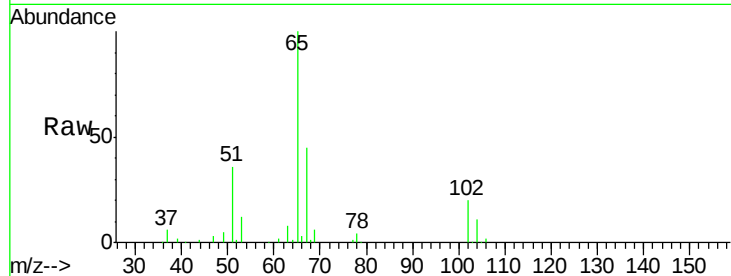
Acq: 29 Jun 2018 13:31

Tot Ion: 65 Resp: 222236

Ion Ratio Lower Upper

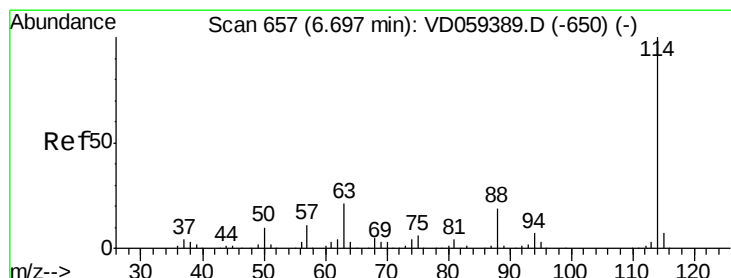
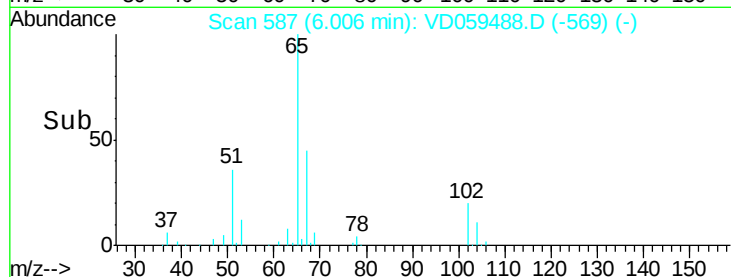
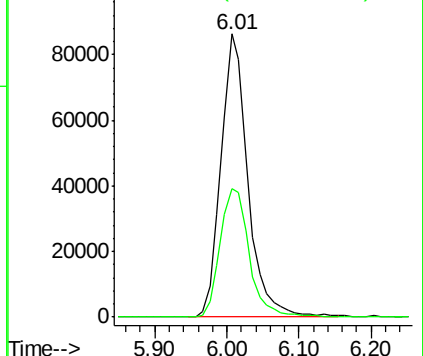
65 100

67 45.3 0.0 93.8



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: VD059488.D

Acq: 29 Jun 2018 13:31

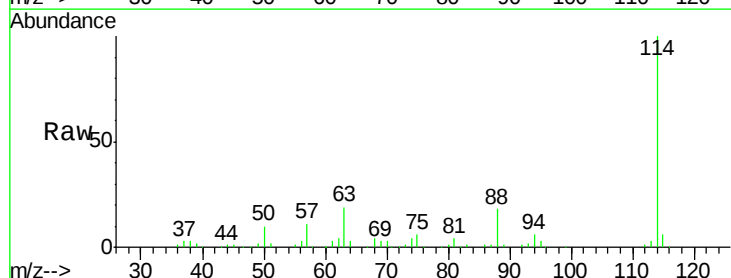
Tgt Ion: 114 Resp: 708799

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

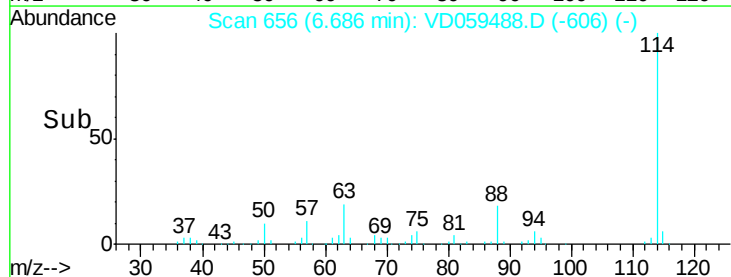
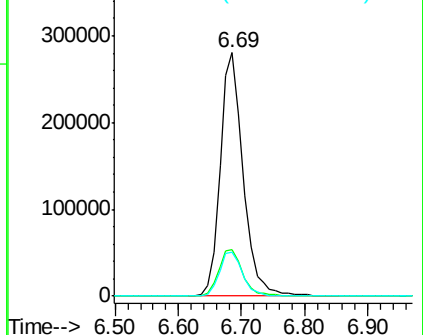
88 17.8 0.0 38.0

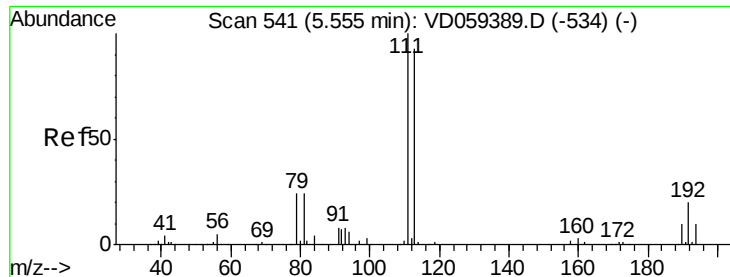


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.53 min Scan# 539

Delta R.T. -0.02 min

Lab File: VD059488.D

Acq: 29 Jun 2018 13:31

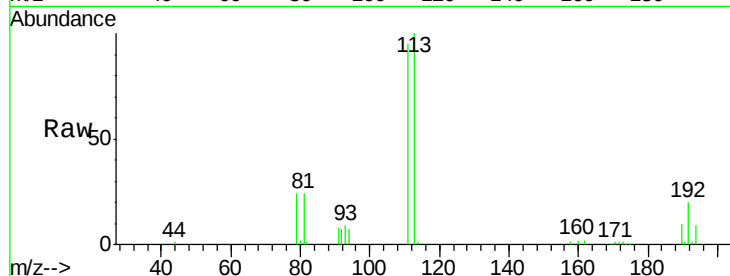
Tot Ion:113 Resp: 258792

Ion Ratio Lower Upper

113 100

111 94.6 85.7 128.5

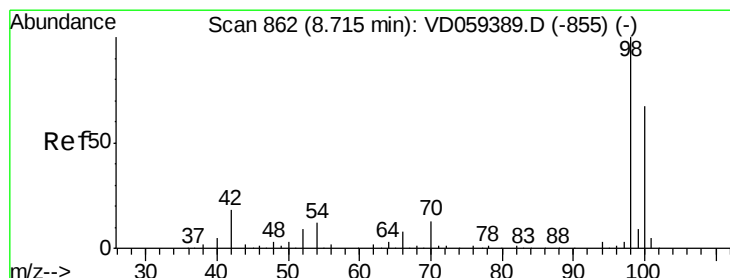
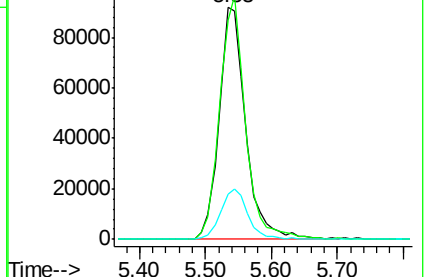
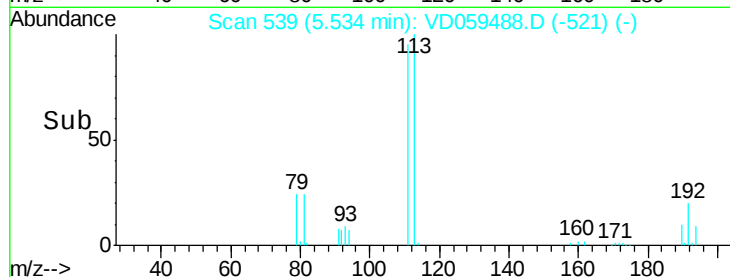
192 19.7 16.9 25.3



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: VD059488.D

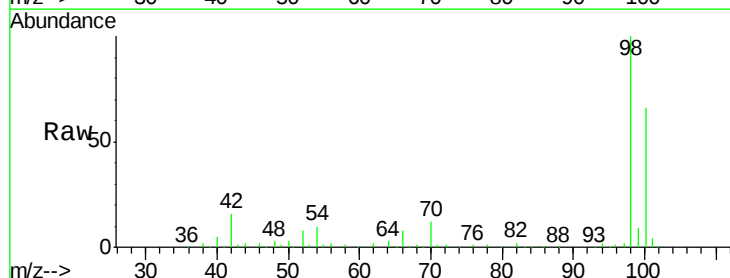
Acq: 29 Jun 2018 13:31

Tgt Ion: 98 Resp: 475913

Ion Ratio Lower Upper

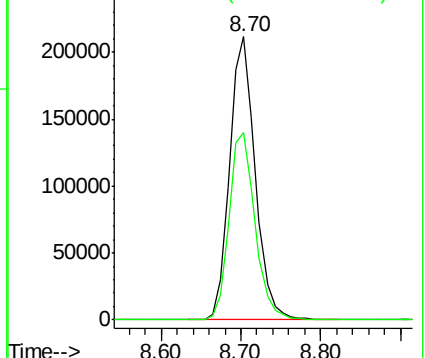
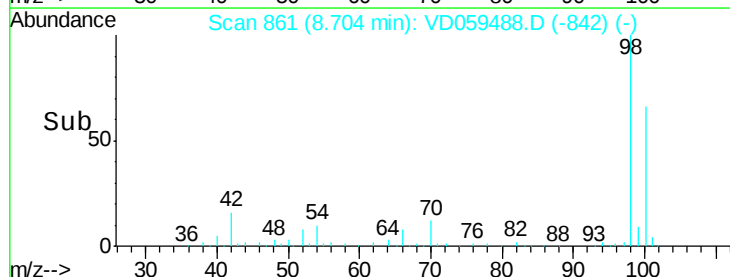
98 100

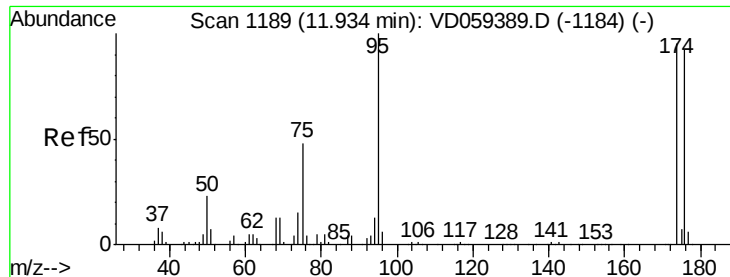
100 66.1 54.4 81.6



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: VD059488.D

Acq: 29 Jun 2018 13:31

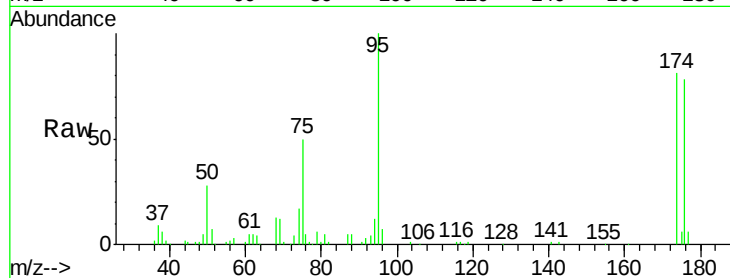
Tot Ion: 95 Resp: 145577

Ion Ratio Lower Upper

95 100

174 81.1 0.0 190.4

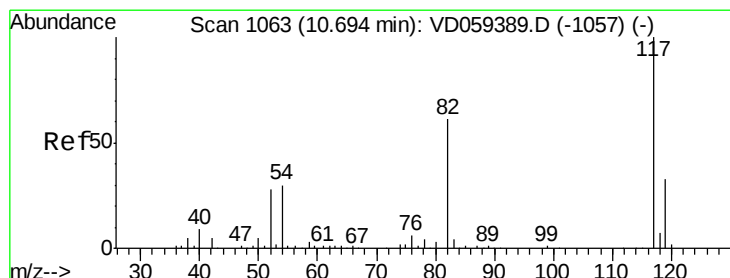
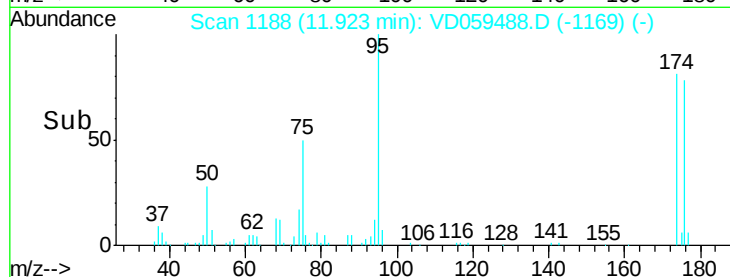
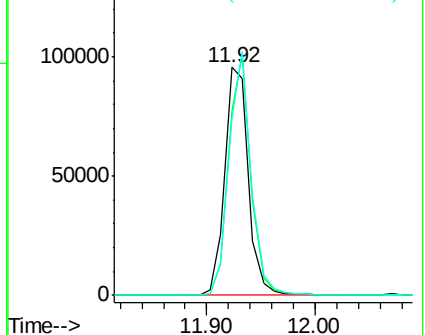
176 77.9 0.0 183.2



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: 50.00 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD059488.D

Acq: 29 Jun 2018 13:31

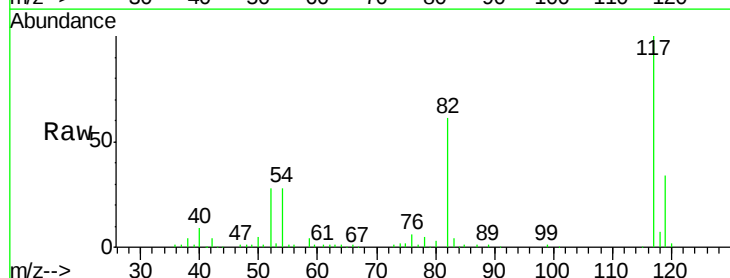
Tgt Ion: 117 Resp: 474491

Ion Ratio Lower Upper

117 100

82 60.7 49.0 73.6

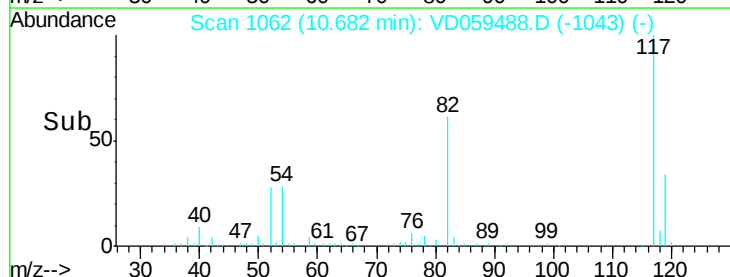
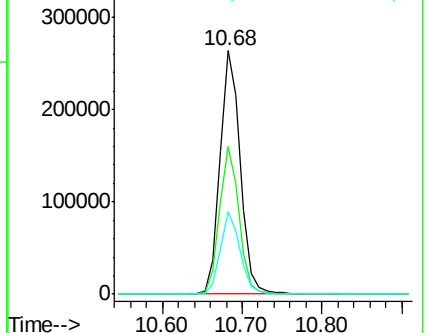
119 33.9 26.2 39.4

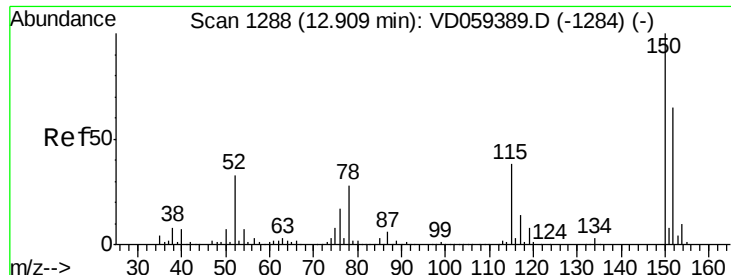


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD059488.D

Acq: 29 Jun 2018 13:31

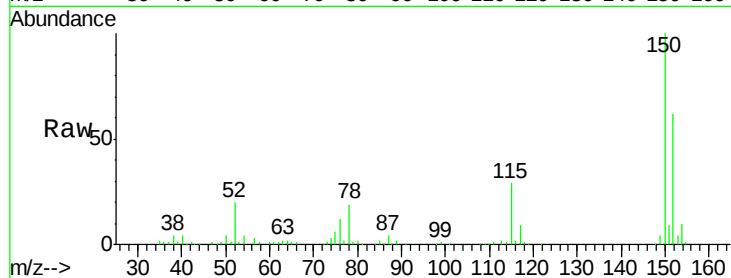
Tot Ion:152 Resp: 153448

Ion Ratio Lower Upper

152 100

115 47.3 29.4 88.3

150 161.6 0.0 308.2



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

