

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059503.D
 Acq On : 29 Jun 2018 20:37
 Operator : VA/AP
 Sample : J3774-02
 Misc : 5.39g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 30 02:03:03 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	5.64	168	1040000	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	1357823	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	1086848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	595442	50.00	ug/l	0.00

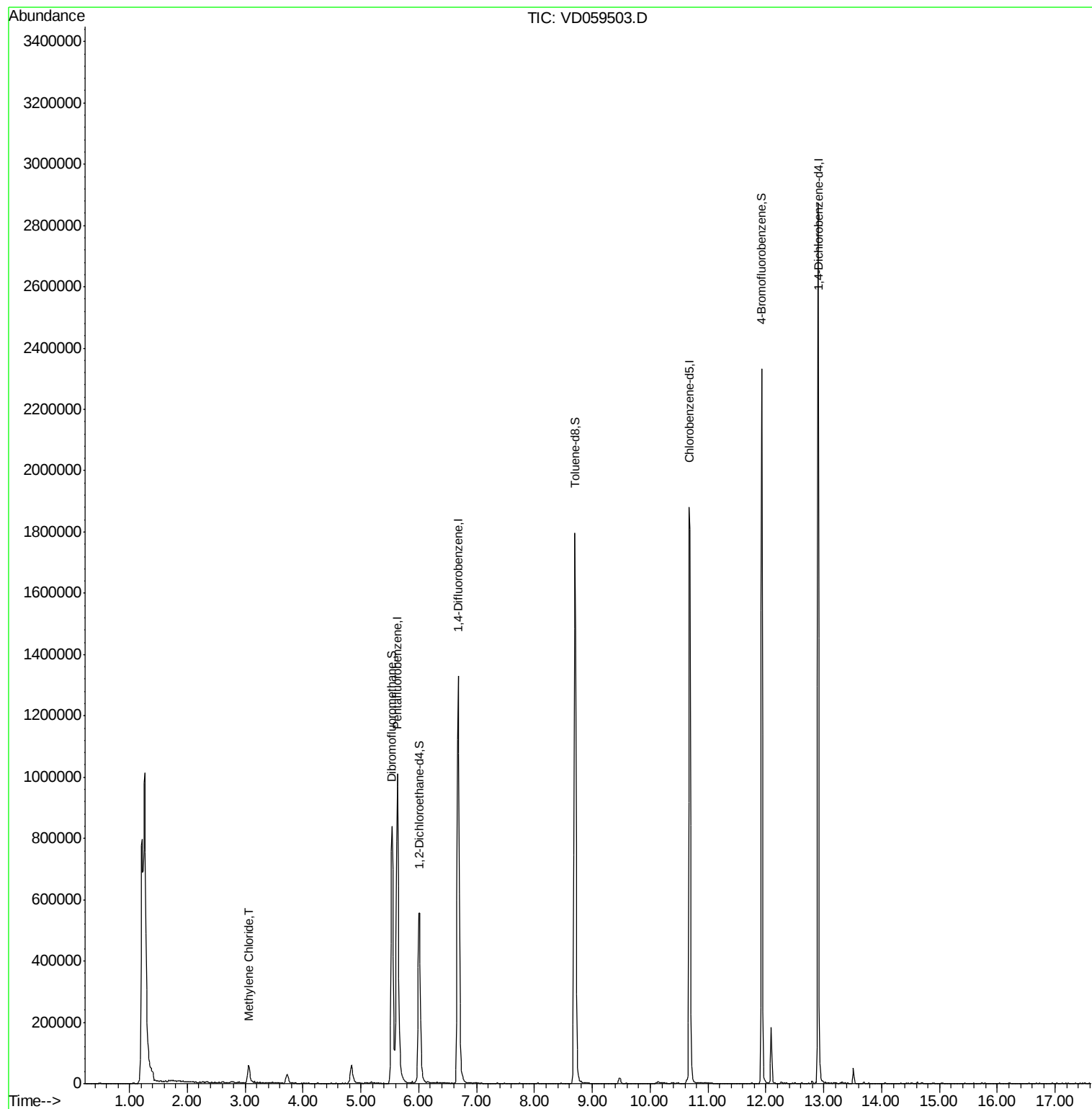
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	576895	54.24	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	108.48%	
35) Dibromofluoromethane	5.54	113	661061	59.77	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	119.54%	
50) Toluene-d8	8.70	98	1441591	55.76	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	111.52%	
62) 4-Bromofluorobenzene	11.93	95	595531	55.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.74%	

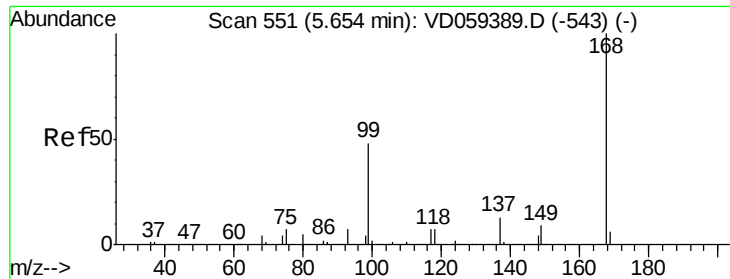
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.06	84	28824	5.52	ug/l	91

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.02 min

Lab File: VD059503.D

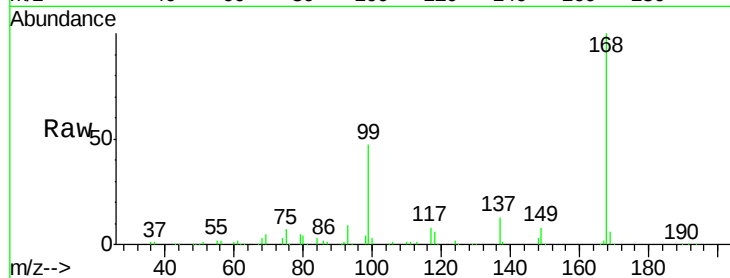
Acq: 29 Jun 2018 20:37

Tot Ion:168 Resp: 1040000

Ion Ratio Lower Upper

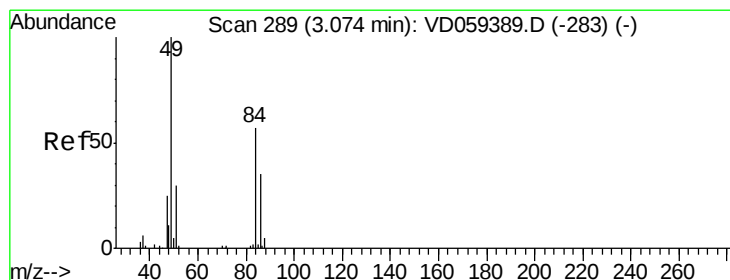
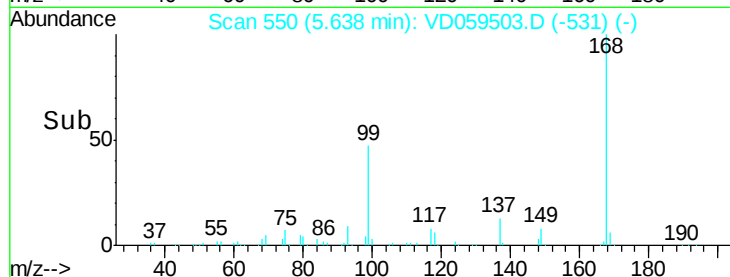
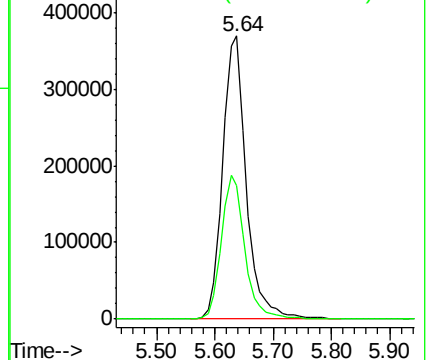
168 100

99 47.1 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 5.52 ug/l

RT: 3.06 min Scan# 288

Delta R.T. -0.02 min

Lab File: VD059503.D

Acq: 29 Jun 2018 20:37

Tgt Ion: 84 Resp: 28824

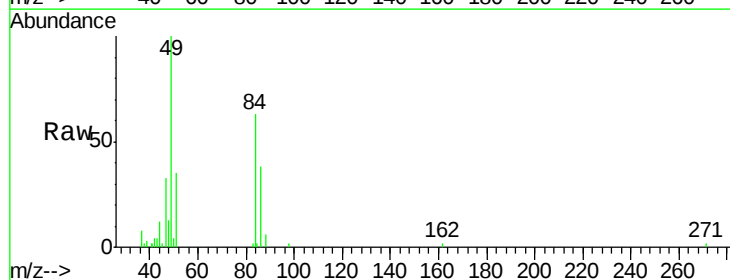
Ion Ratio Lower Upper

84 100

49 157.5 140.3 210.5

51 55.4 41.6 62.4

86 60.1 49.4 74.2

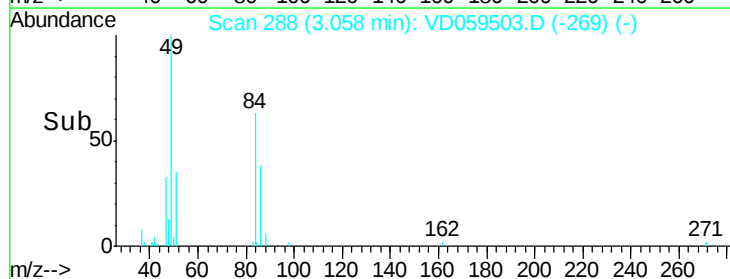
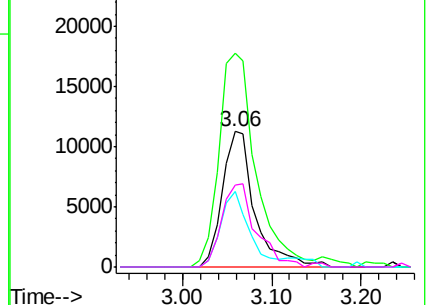


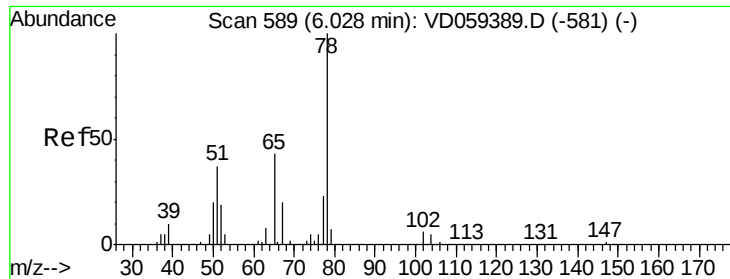
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.02 min

Lab File: VD059503.D

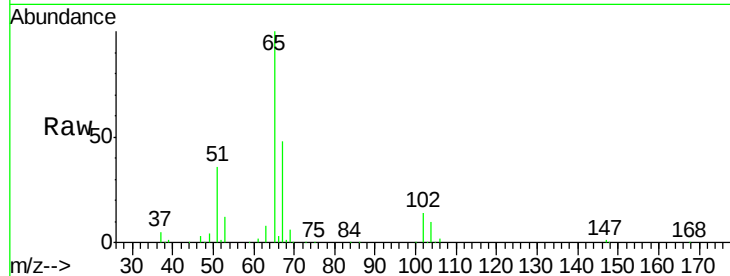
Acq: 29 Jun 2018 20:37

Tot Ion: 65 Resp: 576895

Ion Ratio Lower Upper

65 100

67 47.6 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.01

250000

200000

150000

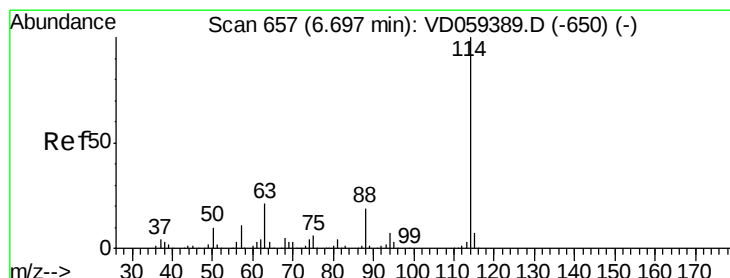
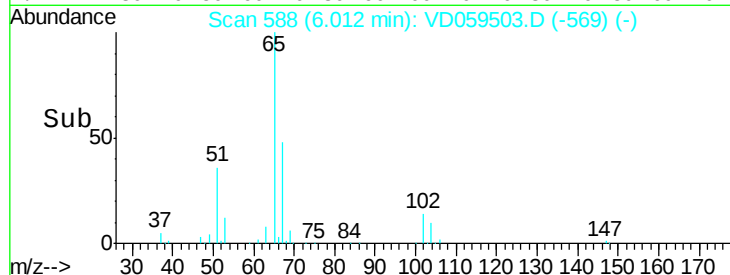
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD059503.D

Acq: 29 Jun 2018 20:37

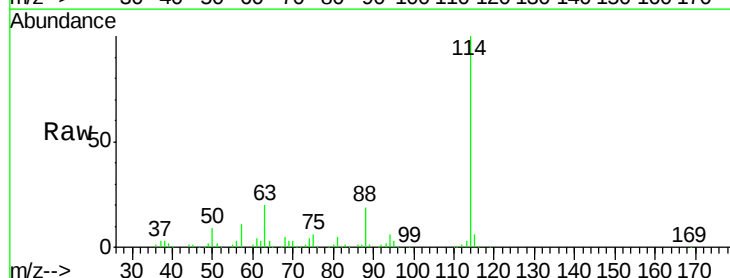
Tgt Ion: 114 Resp: 1357823

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 19.1 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

6.68

600000

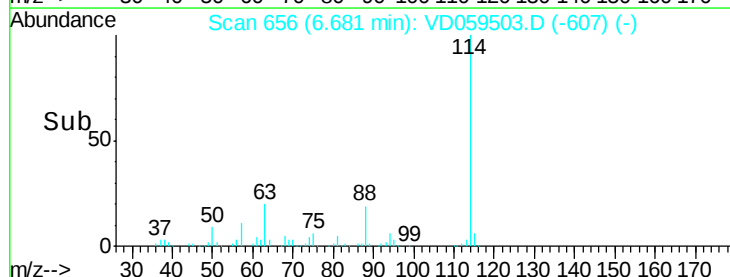
400000

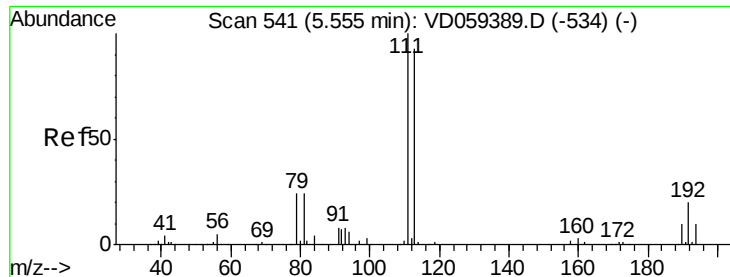
200000

0

Time-->

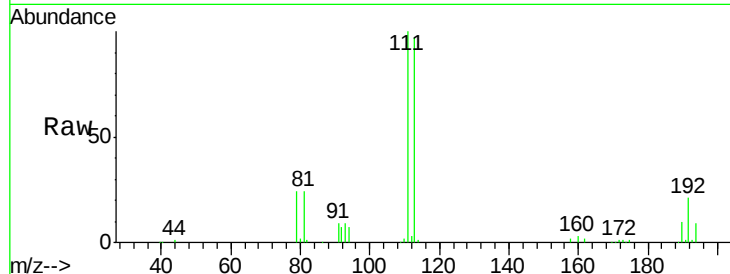
6.60 6.80



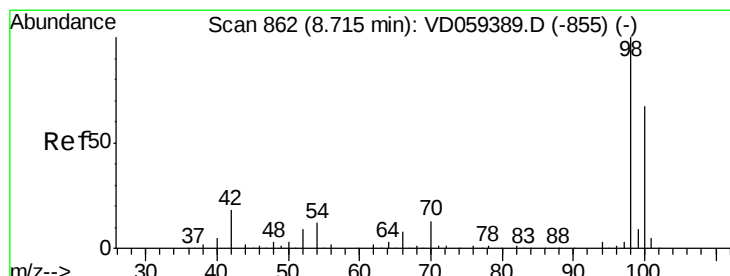
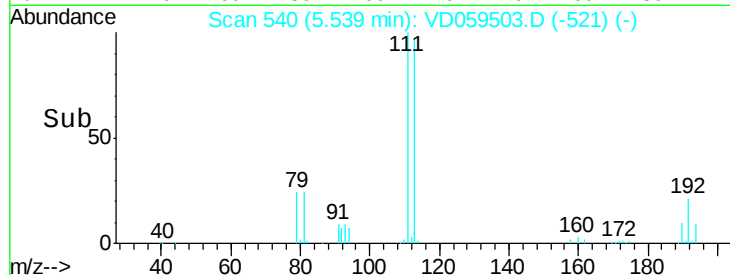
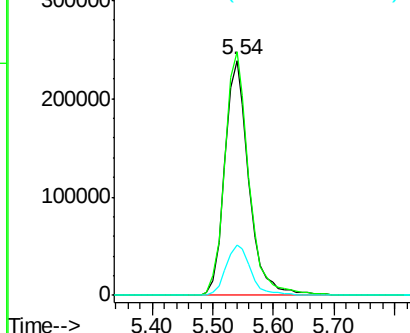


#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD059503.D
 Acq: 29 Jun 2018 20:37

Tot Ion:113 Resp: 661061
 Ion Ratio Lower Upper
 113 100
 111 103.5 85.7 128.5
 192 21.7 16.9 25.3

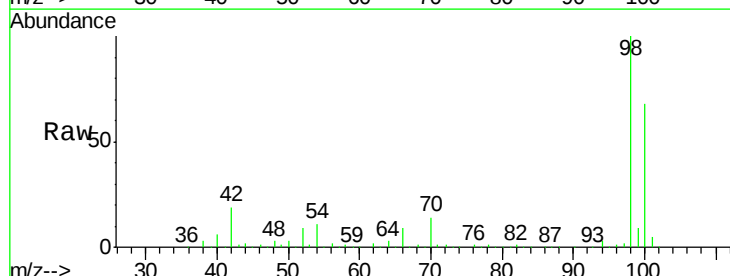


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

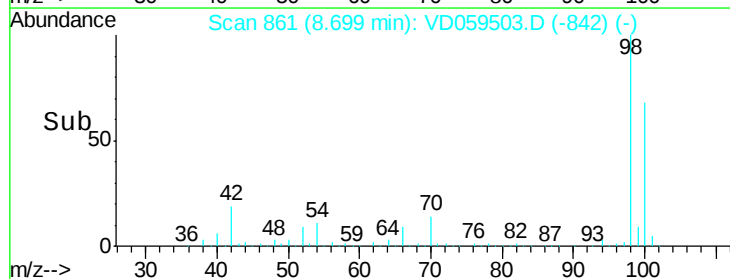
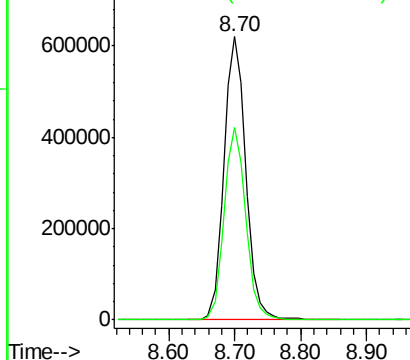


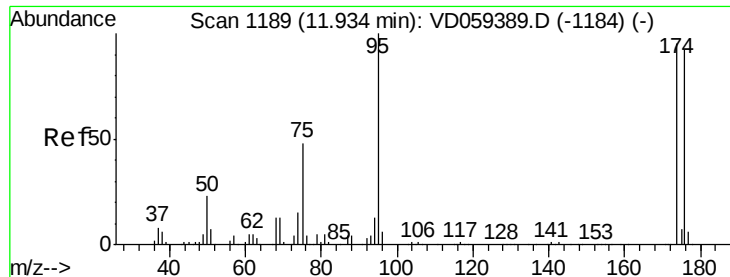
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.70 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: VD059503.D
 Acq: 29 Jun 2018 20:37

Tgt Ion: 98 Resp: 1441591
 Ion Ratio Lower Upper
 98 100
 100 67.9 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059503.D

Acq: 29 Jun 2018 20:37

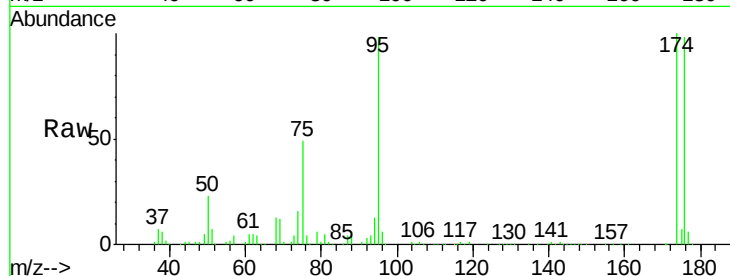
Tot Ion: 95 Resp: 595531

Ion Ratio Lower Upper

95 100

174 102.5 0.0 190.4

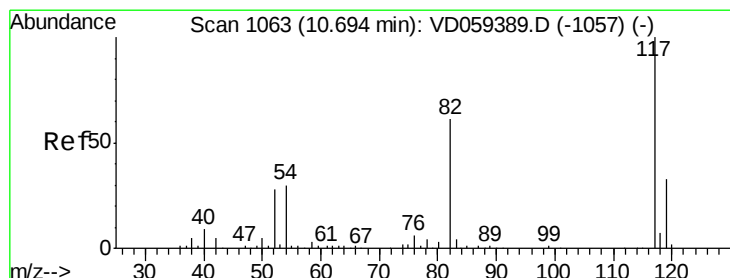
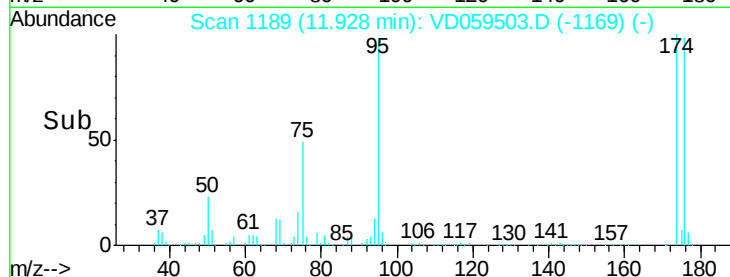
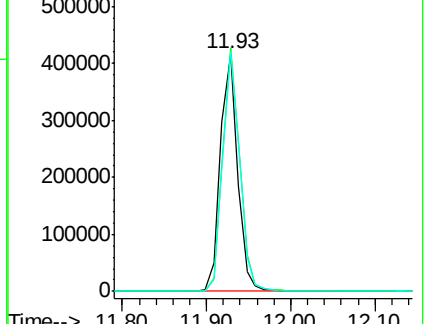
176 100.8 0.0 183.2



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: 10.69 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VD059503.D

Acq: 29 Jun 2018 20:37

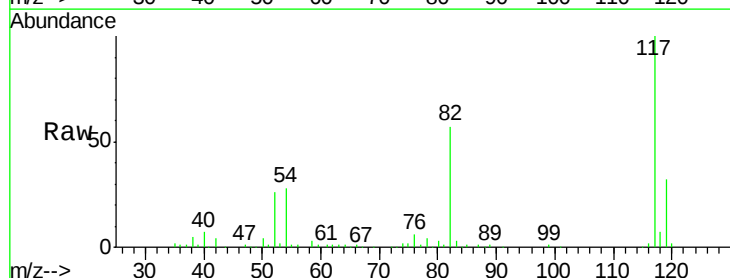
Tgt Ion: 117 Resp: 1086848

Ion Ratio Lower Upper

117 100

82 56.8 49.0 73.6

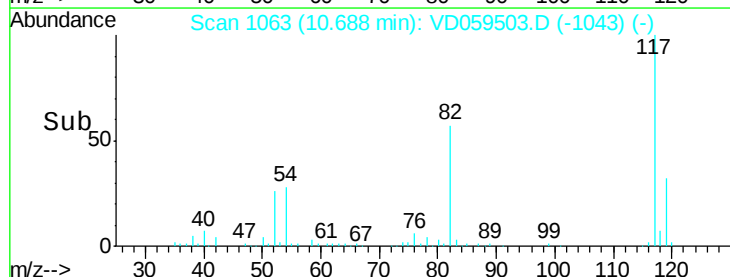
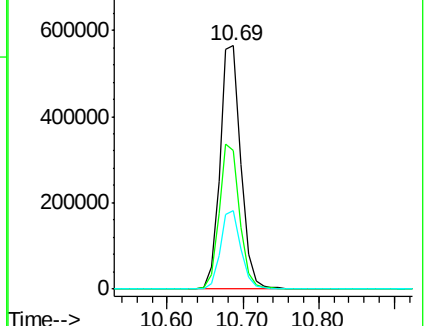
119 32.5 26.2 39.4

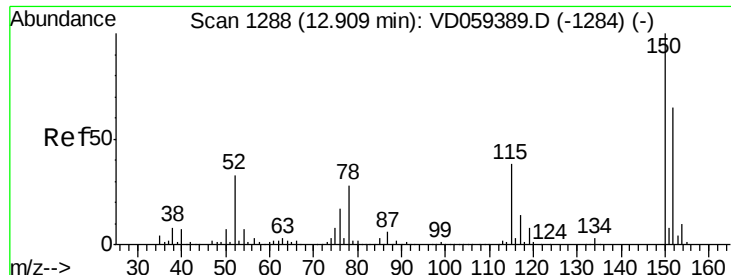


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

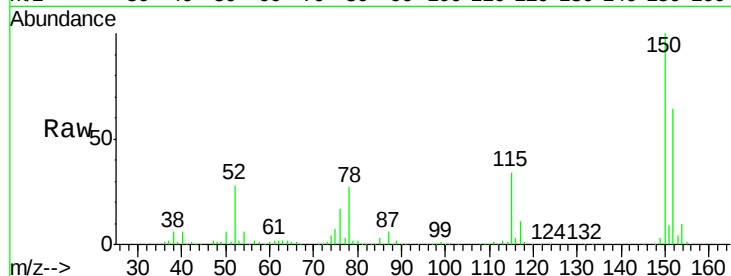
Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.90 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD059503.D
 Acq: 29 Jun 2018 20:37

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.1	29.4	88.3
150	156.4	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

