

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059501.D
 Acq On : 29 Jun 2018 19:40
 Operator : VA/AP
 Sample : J3761-02RE
 Misc : 7.49g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 30 01:57:18 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	5.62	168	5824	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	8763	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	8611	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	3577	50.00	ug/l	0.00

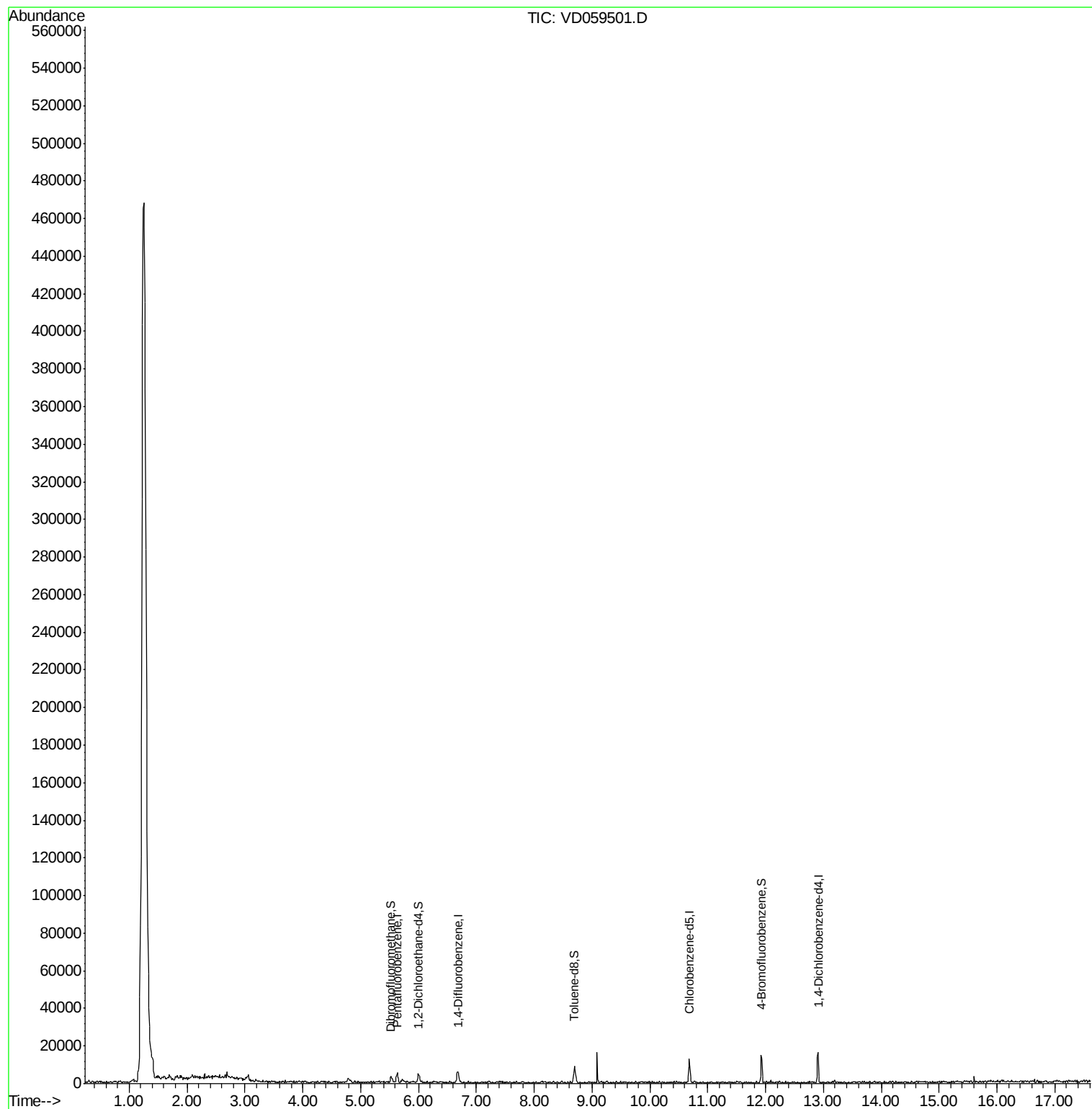
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	4985	83.70	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	167.40%	
35) Dibromofluoromethane	5.53	113	2975	41.68	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	83.36%	
50) Toluene-d8	8.69	98	7750	46.45	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	92.90%	
62) 4-Bromofluorobenzene	11.92	95	4646	66.94	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	133.88%	

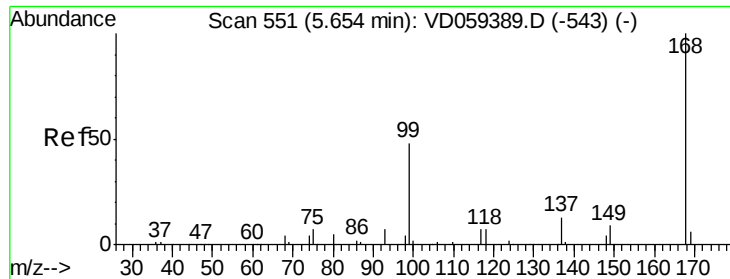
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 548

Delta R.T. -0.03 min

Lab File: VD059501.D

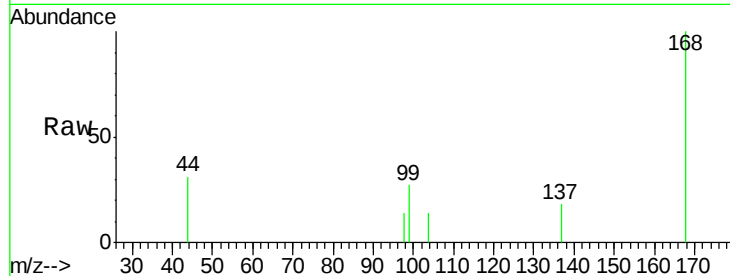
Acq: 29 Jun 2018 19:40

Tot Ion:168 Resp: 5824

Ion Ratio Lower Upper

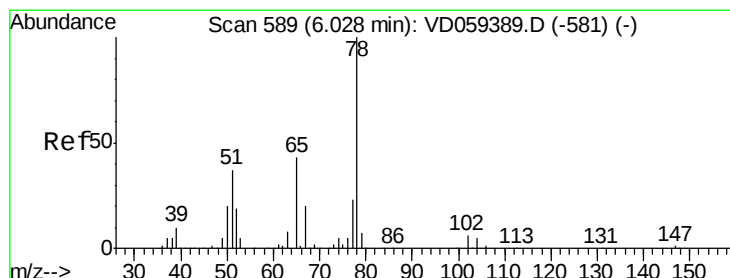
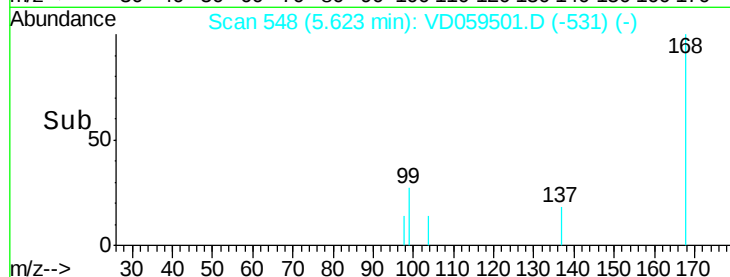
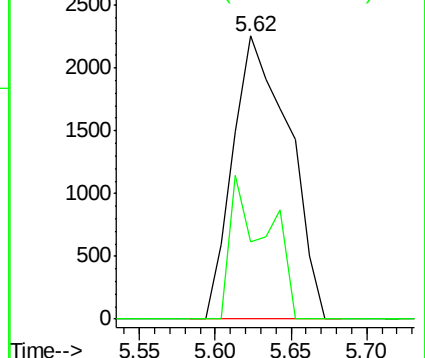
168 100

99 27.1 41.0 61.6#



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: 6.00 min Scan# 586

Delta R.T. -0.03 min

Lab File: VD059501.D

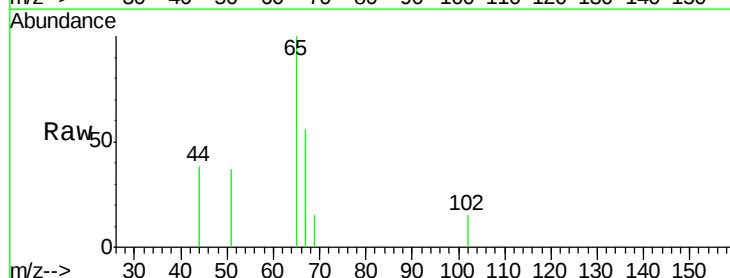
Acq: 29 Jun 2018 19:40

Tgt Ion: 65 Resp: 4985

Ion Ratio Lower Upper

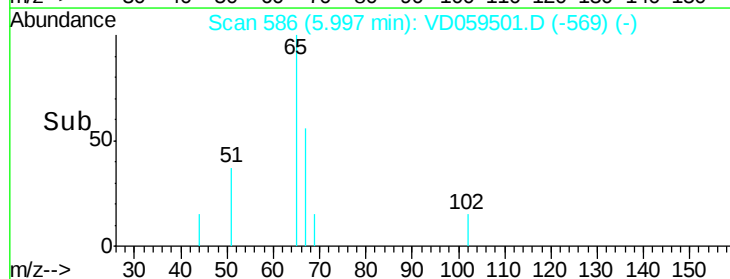
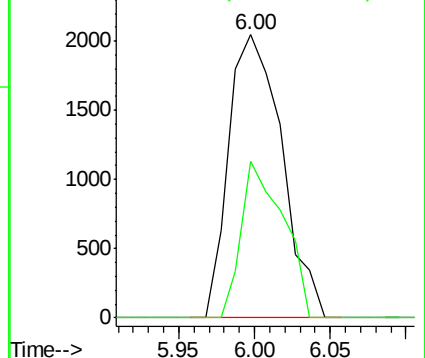
65 100

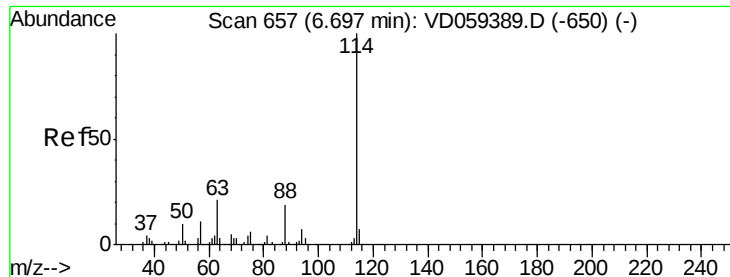
67 55.6 0.0 93.8



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: 6.68 min Scan# 655

Delta R.T. -0.02 min

Lab File: VD059501.D

Acq: 29 Jun 2018 19:40

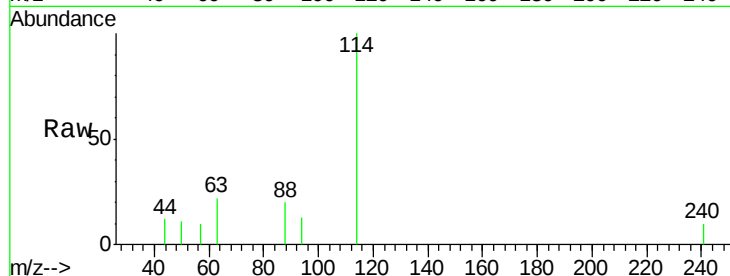
Tot Ion:114 Resp: 8763

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

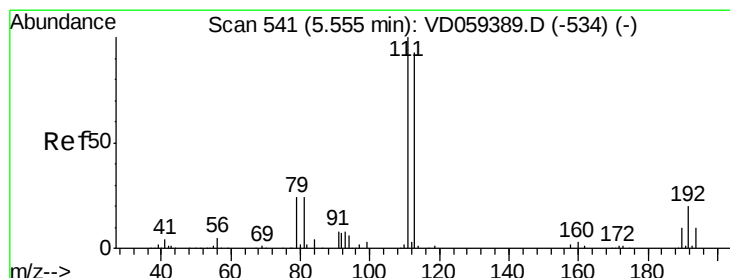
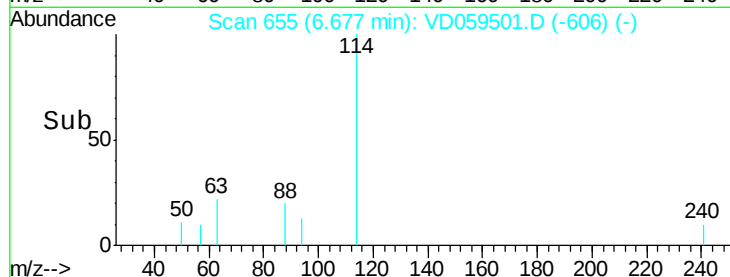
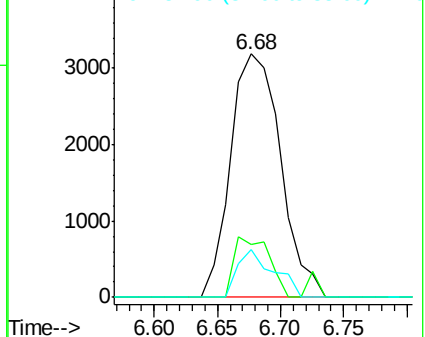
88 19.6 0.0 38.0



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: 5.53 min Scan# 539

Delta R.T. -0.02 min

Lab File: VD059501.D

Acq: 29 Jun 2018 19:40

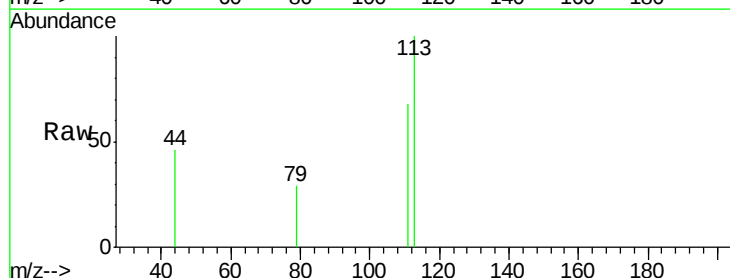
Tgt Ion:113 Resp: 2975

Ion Ratio Lower Upper

113 100

111 68.2 85.7 128.5#

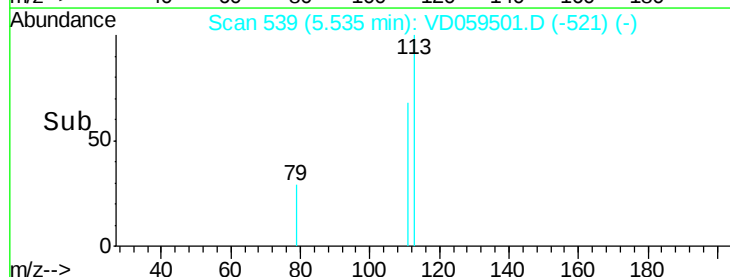
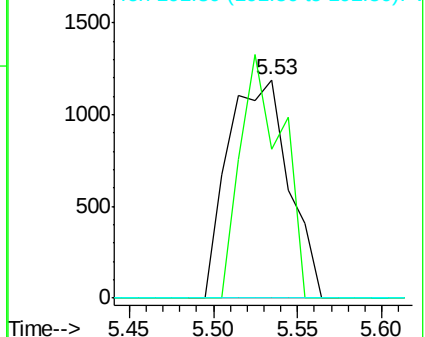
192 0.0 16.9 25.3#

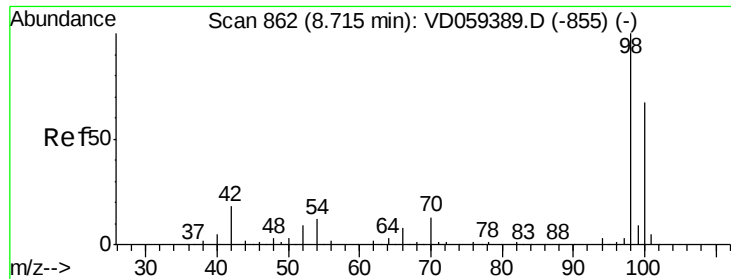


Abundance Ion 112.90 (112.60 to 113.60): V

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: 8.69 min Scan# 860

Delta R.T. -0.02 min

Lab File: VD059501.D

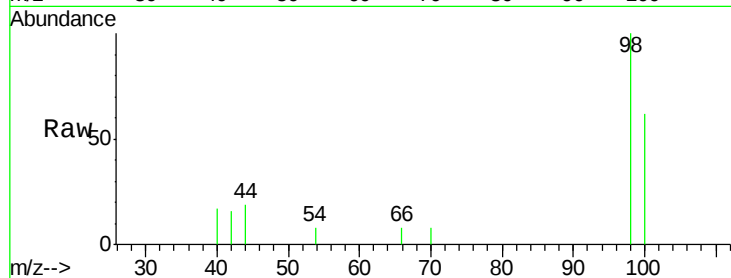
Acq: 29 Jun 2018 19:40

Tot Ion: 98 Resp: 7750

Ion Ratio Lower Upper

98 100

100 61.7 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VD059389.D (-855) (-)

Ion 100.05 (99.75 to 100.75): VD059389.D (-855) (-)

8.69

4000

3000

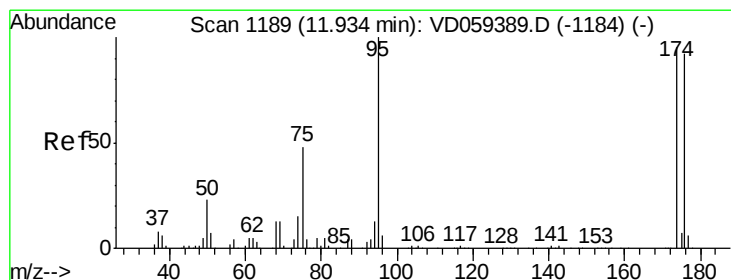
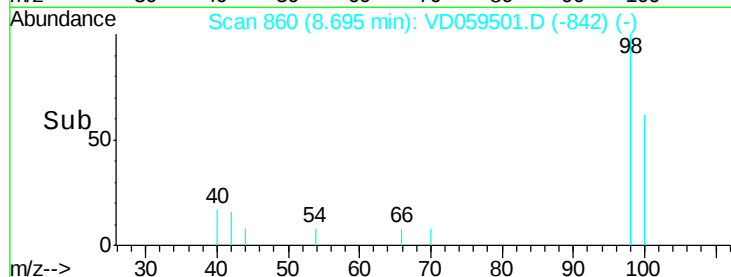
2000

1000

0

8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD059501.D

Acq: 29 Jun 2018 19:40

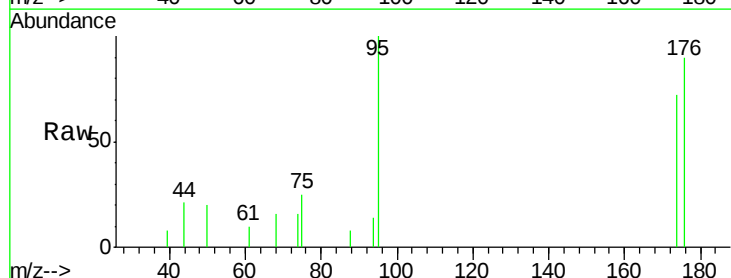
Tgt Ion: 95 Resp: 4646

Ion Ratio Lower Upper

95 100

174 72.0 0.0 190.4

176 90.1 0.0 183.2



Abundance Ion 95.00 (94.70 to 95.70): VD059389.D (-1184) (-)

Ion 173.90 (173.60 to 174.60): VD059389.D (-1184) (-)

Ion 175.90 (175.60 to 176.60): VD059389.D (-1184) (-)

11.92

5000

4000

3000

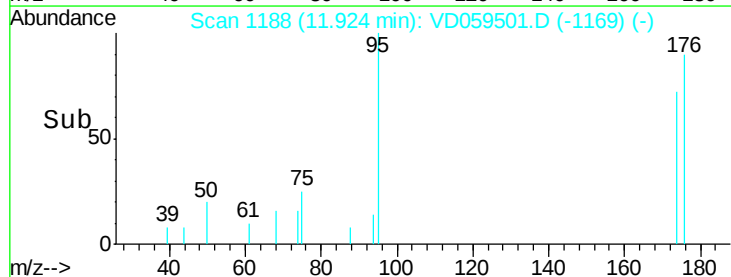
2000

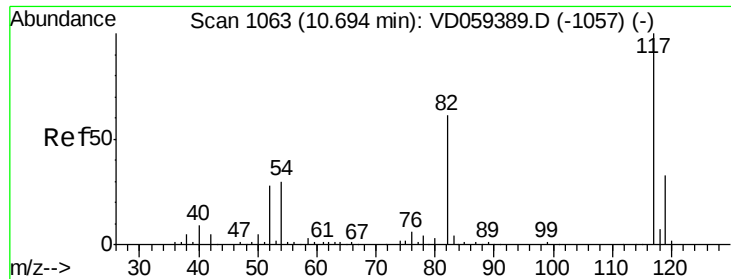
1000

0

11.90 11.95

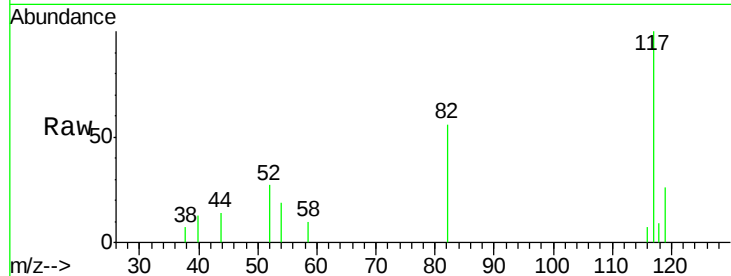
Time-->



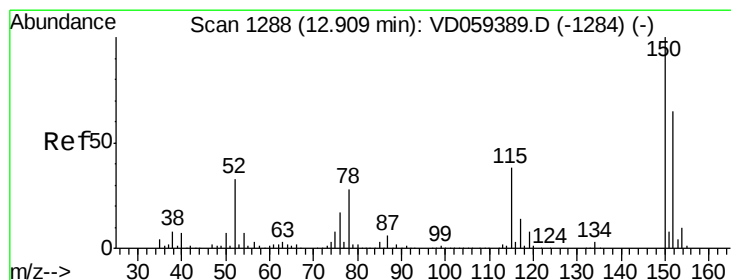
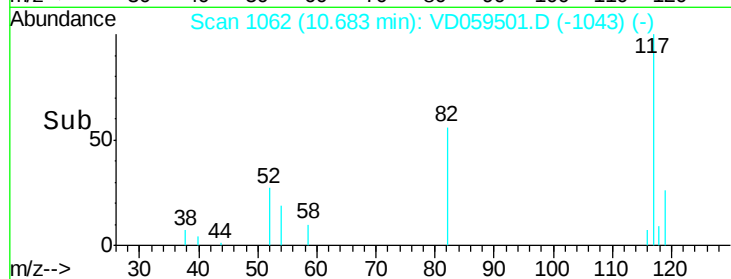
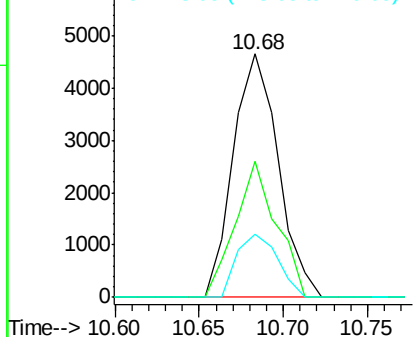


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tot Ion:117 Resp: 8611
Ion Ratio Lower Upper
117 100
82 56.2 49.0 73.6
119 26.1 26.2 39.4#

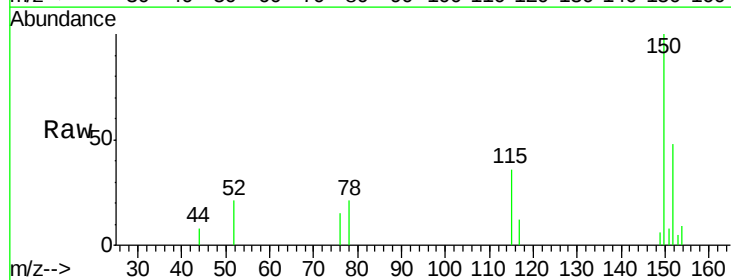


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion:152 Resp: 3577
Ion Ratio Lower Upper
152 100
115 74.8 29.4 88.3
150 207.1 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

