

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059492.D
 Acq On : 29 Jun 2018 15:24
 Operator : VA/AP
 Sample : J3248-09
 Misc : 7.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

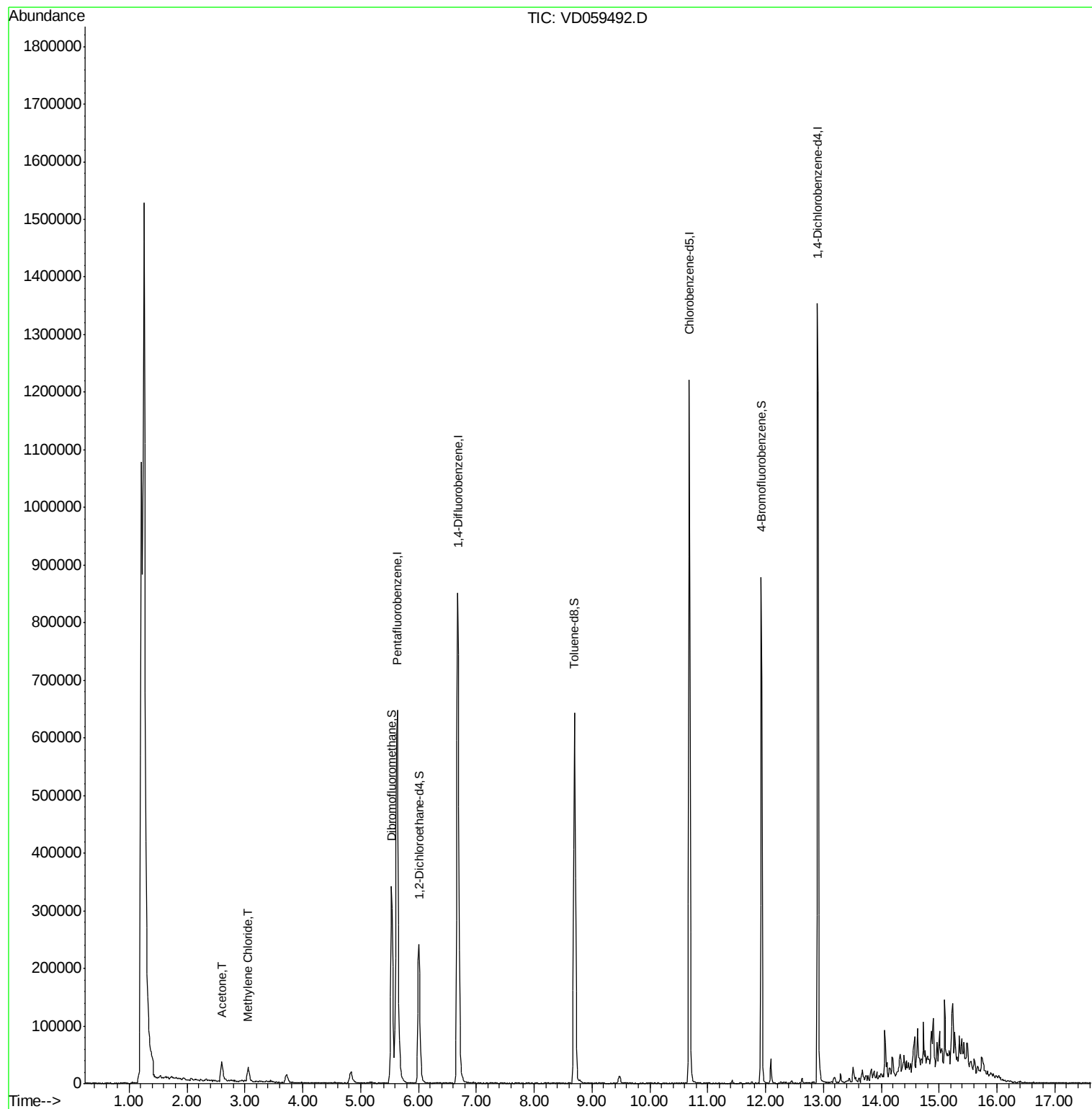
Quant Time: Jun 30 01:14:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

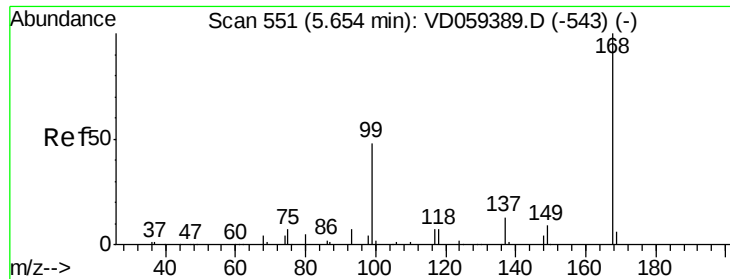
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	667696	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	861115	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	669913	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	315823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	236692	34.66	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	69.32%	
35) Dibromofluoromethane	5.54	113	270392	38.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	77.10%	
50) Toluene-d8	8.70	98	507916	30.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	61.96%	
62) 4-Bromofluorobenzene	11.92	95	231856	33.99	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	67.98%	
Target Compounds						
16) Acetone	2.60	43	68969	80.03	ug/l	# 89
20) Methylene Chloride	3.05	84	10558	2.02	ug/l	88

(#) = 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: VD059492.D

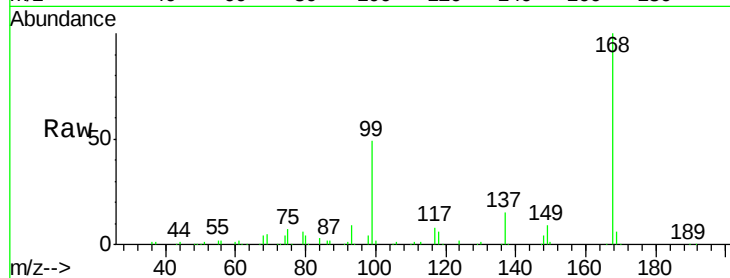
Acq: 29 Jun 2018 15:24

Tot Ion:168 Resp: 667696

Ion Ratio Lower Upper

168 100

99 49.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

250000

200000

150000

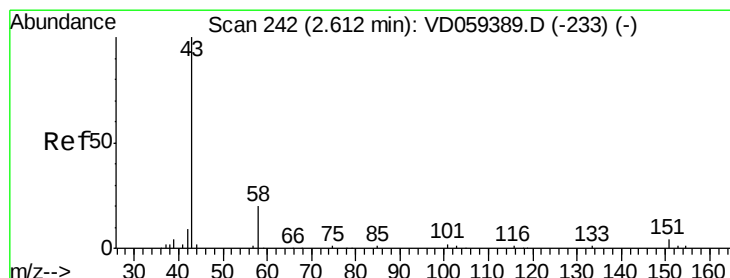
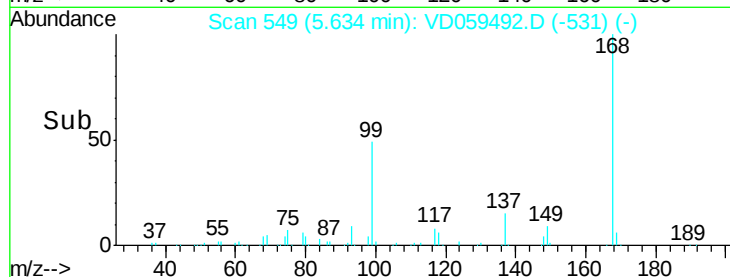
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 80.03 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD059492.D

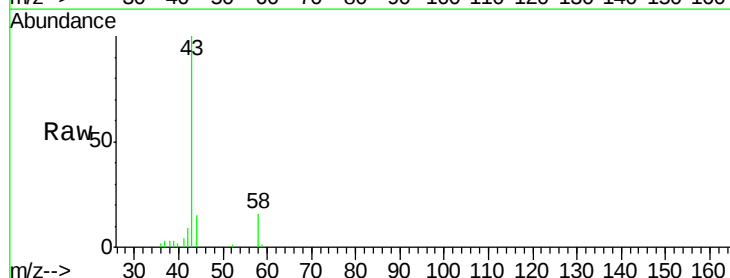
Acq: 29 Jun 2018 15:24

Tgt Ion: 43 Resp: 68969

Ion Ratio Lower Upper

43 100

58 15.9 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.60

25000

20000

15000

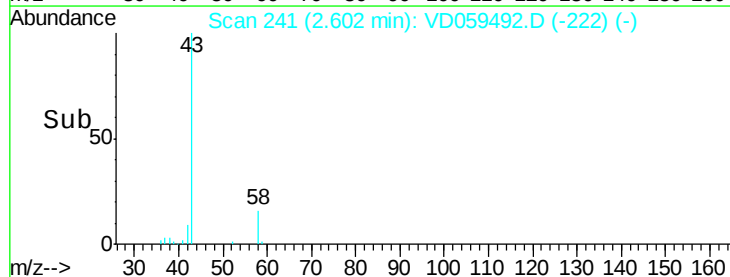
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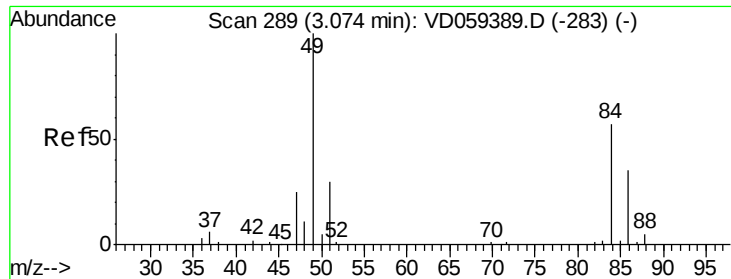
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Time-->

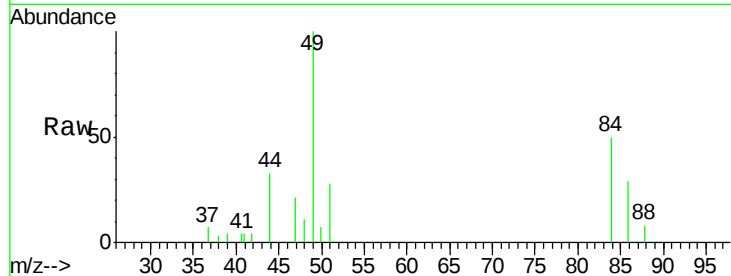
2.50 2.60 2.70 2.80



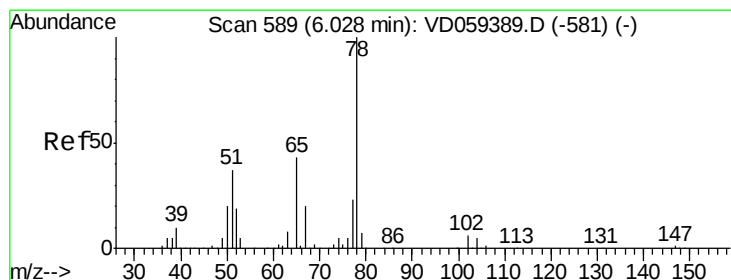
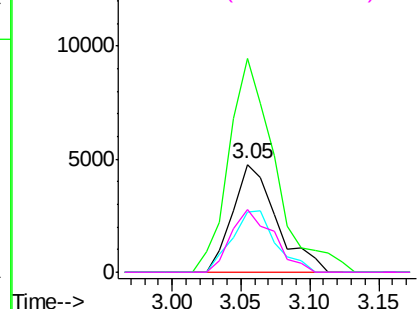
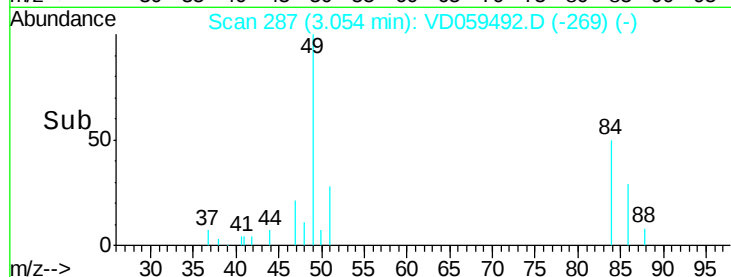


#20
Methvlene Chloride
Concen: 2.02 ug/l
RT: 3.05 min Scan# 287
Delta R.T. -0.02 min
Lab File: VD059492.D
Acq: 29 Jun 2018 15:24

Tot Ion: 84 Resp: 10558
Ion Ratio Lower Upper
84 100
49 198.3 140.3 210.5
51 56.3 41.6 62.4
86 57.7 49.4 74.2

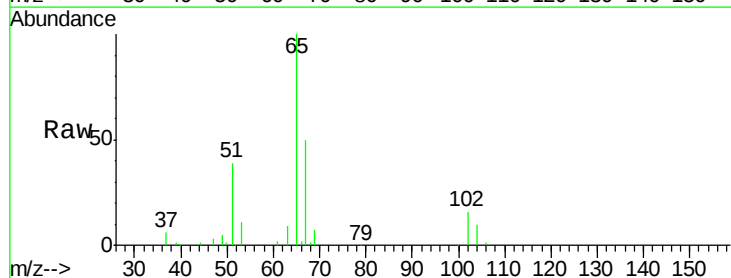


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

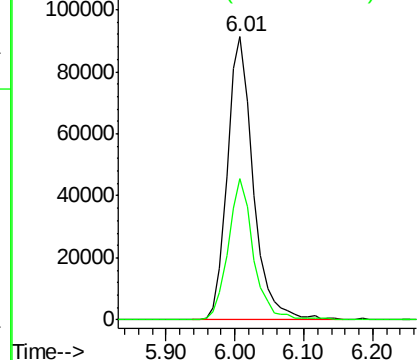
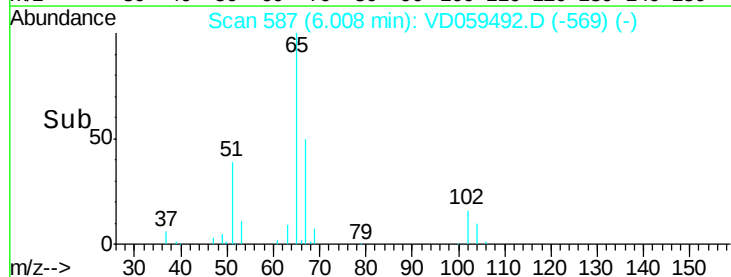


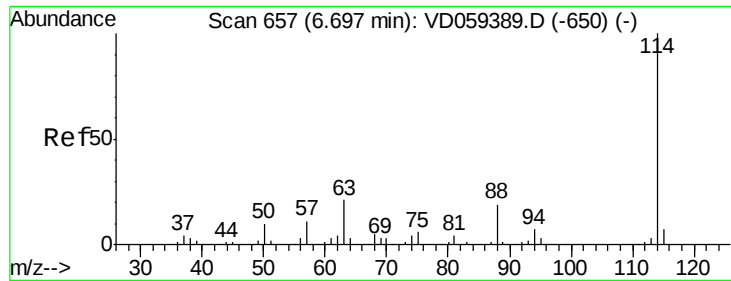
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.01 min Scan# 587
Delta R.T. -0.02 min
Lab File: VD059492.D
Acq: 29 Jun 2018 15:24

Tgt Ion: 65 Resp: 236692
Ion Ratio Lower Upper
65 100
67 50.0 0.0 93.8



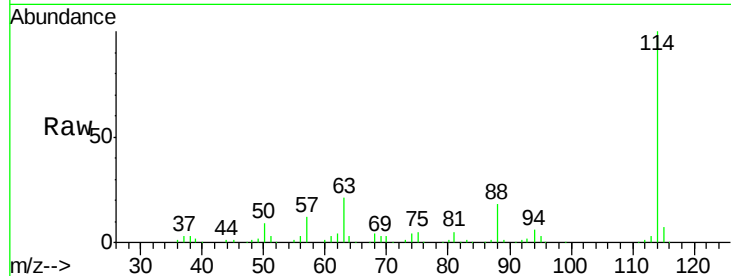
Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



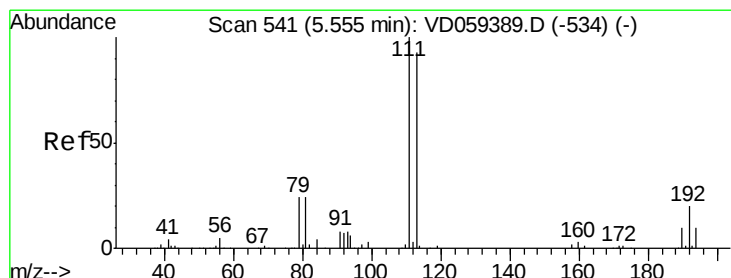
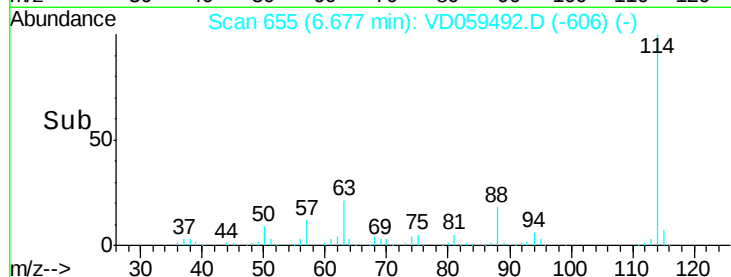
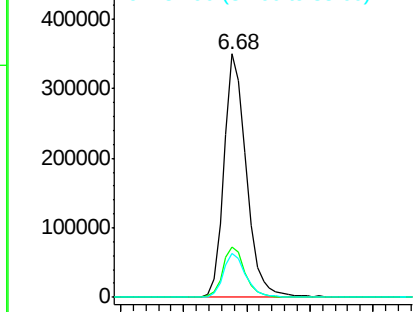


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: VD059492.D
 Acq: 29 Jun 2018 15:24

Tot Ion:114 Resp: 861115
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.4
 88 18.1 0.0 38.0

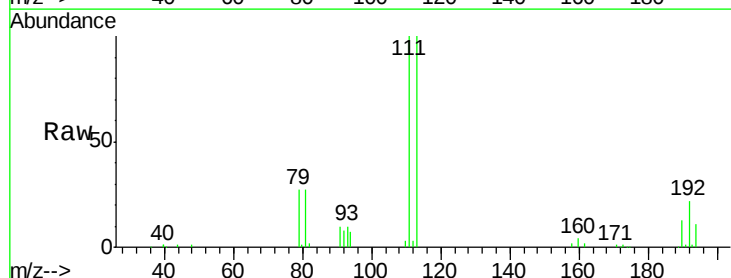


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

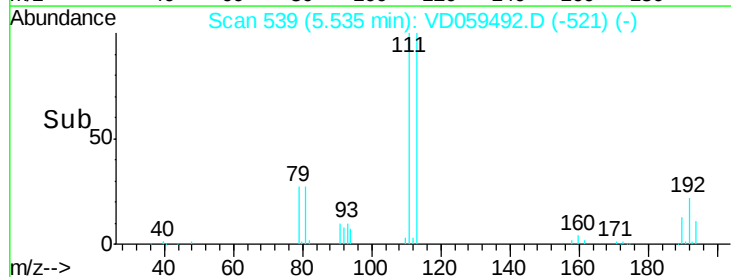
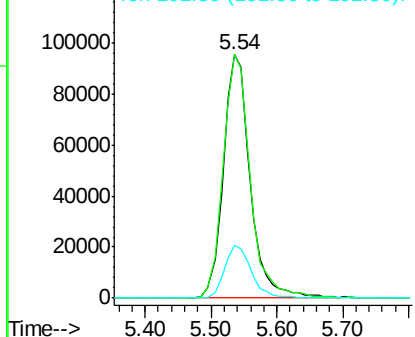


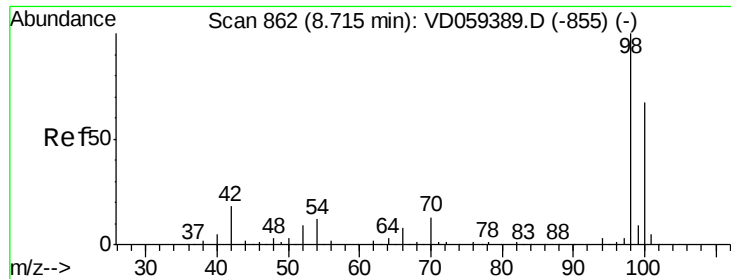
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: VD059492.D
 Acq: 29 Jun 2018 15:24

Tgt Ion:113 Resp: 270392
 Ion Ratio Lower Upper
 113 100
 111 99.8 85.7 128.5
 192 22.0 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: 8.70 min Scan# 860

Delta R.T. -0.02 min

Lab File: VD059492.D

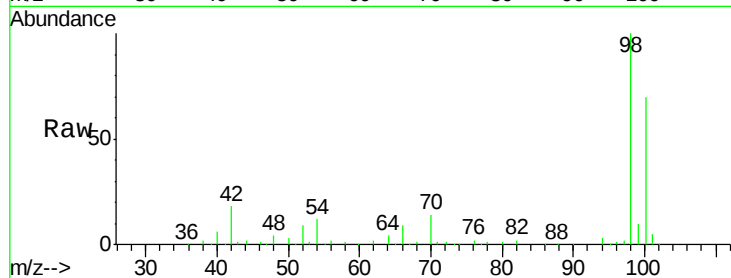
Acq: 29 Jun 2018 15:24

Tot Ion: 98 Resp: 507916

Ion Ratio Lower Upper

98 100

100 69.6 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) (-)

8.70

250000

200000

150000

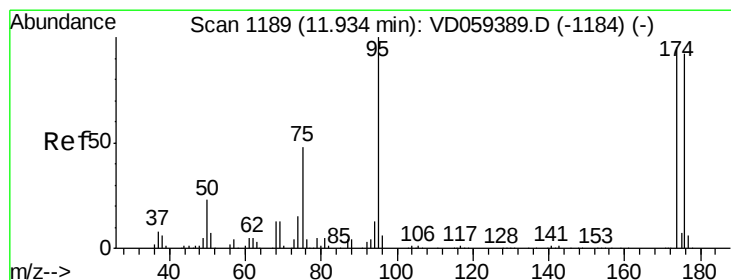
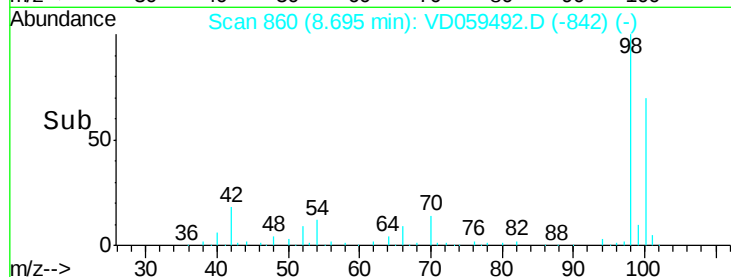
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD059492.D

Acq: 29 Jun 2018 15:24

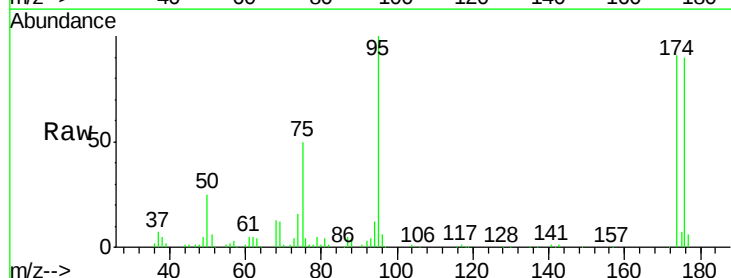
Tgt Ion: 95 Resp: 231856

Ion Ratio Lower Upper

95 100

174 90.8 0.0 190.4

176 90.2 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

200000

150000

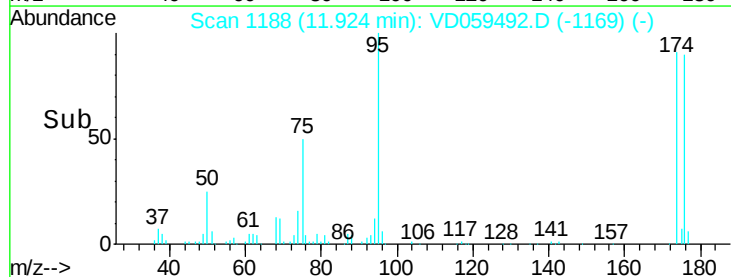
100000

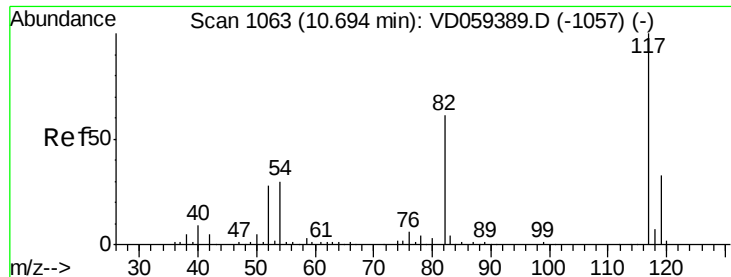
50000

0

Time-->

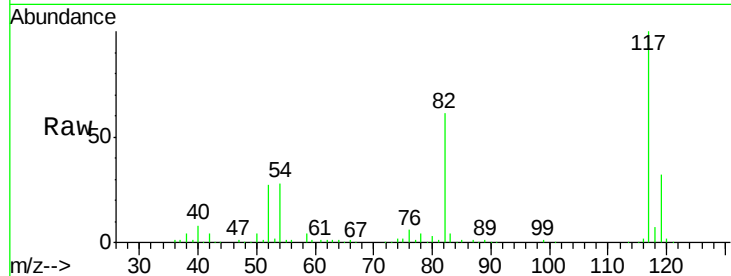
11.90 12.00



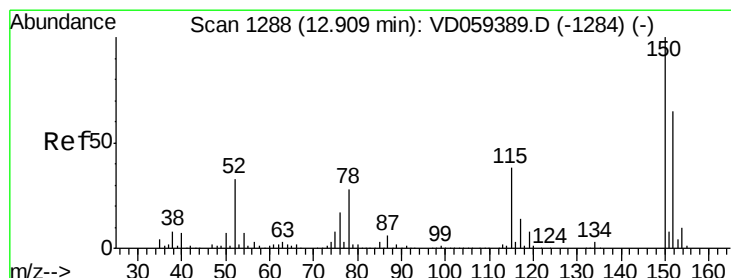
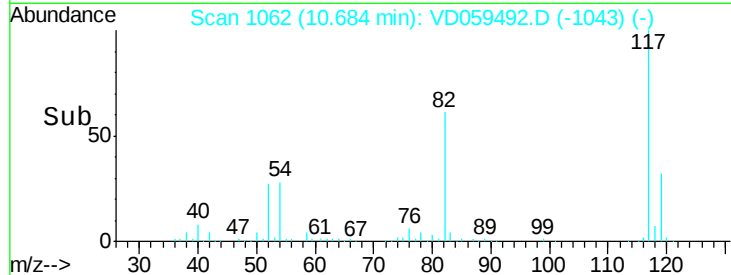
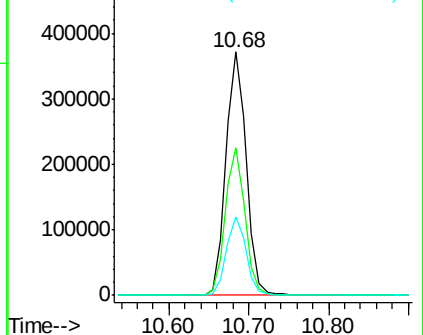


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059492.D
Acq: 29 Jun 2018 15:24

Tot Ion:117 Resp: 669913
Ion Ratio Lower Upper
117 100
82 60.7 49.0 73.6
119 32.1 26.2 39.4

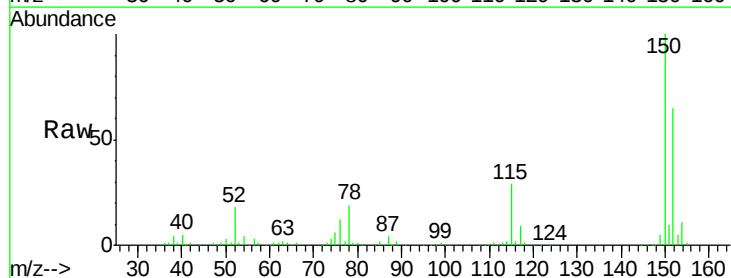


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059492.D
Acq: 29 Jun 2018 15:24

Tgt Ion:152 Resp: 315823
Ion Ratio Lower Upper
152 100
115 44.4 29.4 88.3
150 152.7 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

