

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059493.D
 Acq On : 29 Jun 2018 15:52
 Operator : VA/AP
 Sample : J3248-11
 Misc : 6.64g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

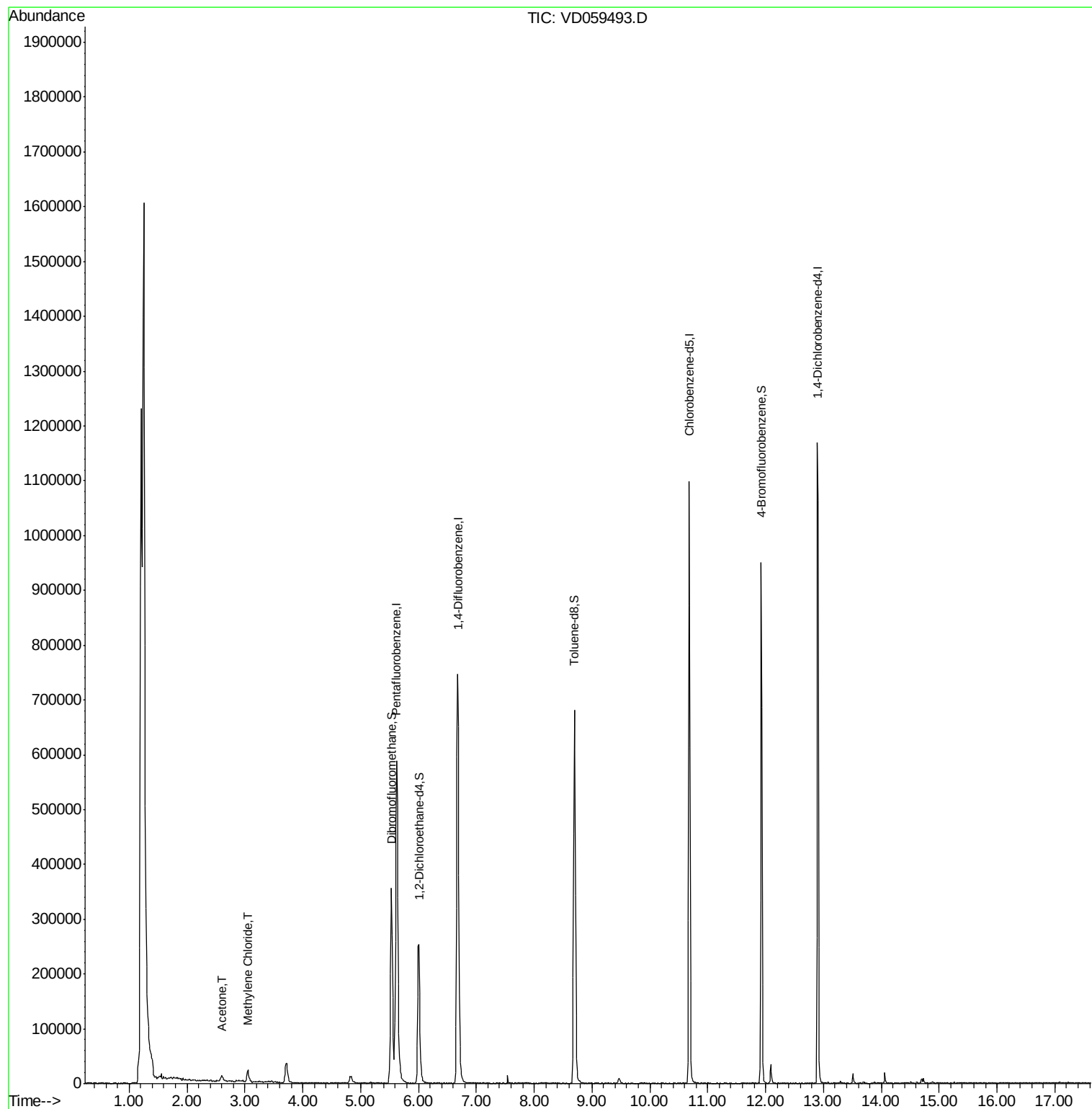
Quant Time: Jun 30 01:23:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

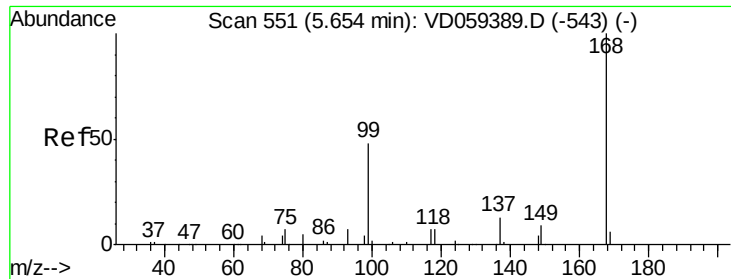
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	589178	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	773713	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	590032	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	265787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	251167	41.69	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.38%	
35) Dibromofluoromethane	5.53	113	275014	43.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.28%	
50) Toluene-d8	8.69	98	533624	36.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	72.44%	
62) 4-Bromofluorobenzene	11.92	95	244138	39.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	79.68%	
Target Compounds						
16) Acetone	2.59	43	21849	28.73	ug/l #	79
20) Methylene Chloride	3.04	84	8909	1.82	ug/l #	88

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 548

Delta R.T. -0.03 min

Lab File: VD059493.D

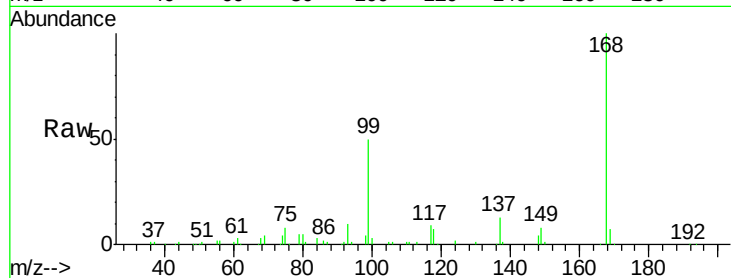
Acq: 29 Jun 2018 15:52

Tot Ion:168 Resp: 589178

Ion Ratio Lower Upper

168 100

99 50.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.62

250000

200000

150000

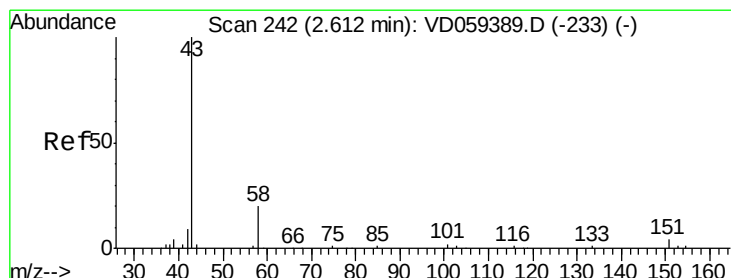
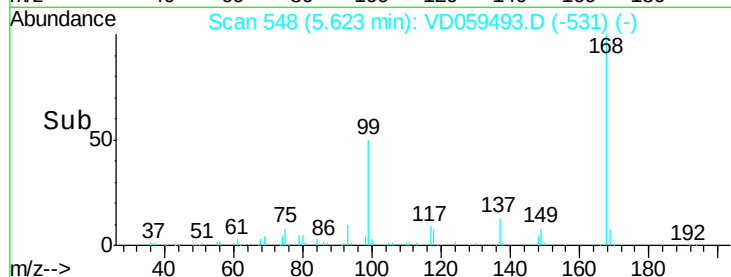
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 28.73 ug/l

RT: 2.59 min Scan# 240

Delta R.T. -0.02 min

Lab File: VD059493.D

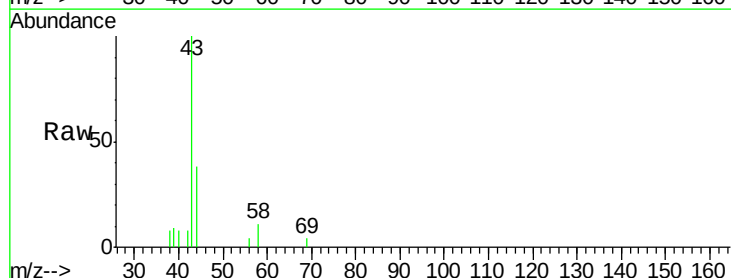
Acq: 29 Jun 2018 15:52

Tgt Ion: 43 Resp: 21849

Ion Ratio Lower Upper

43 100

58 11.2 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.59

8000

6000

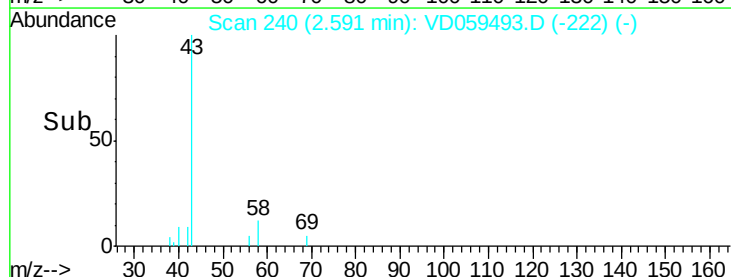
4000

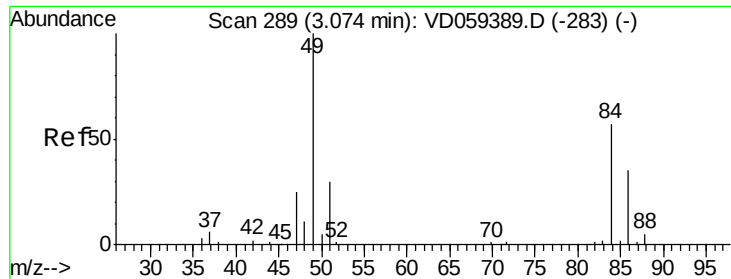
2000

0

Time-->

2.50 2.60 2.70





#20

Methylene Chloride

Concen: 1.82 ug/l

RT: 3.04 min Scan# 286

Delta R.T. -0.03 min

Lab File: VD059493.D

Acq: 29 Jun 2018 15:52

Tot Ion: 84 Resp: 8909

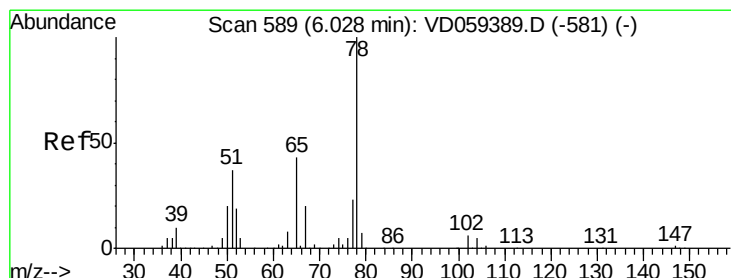
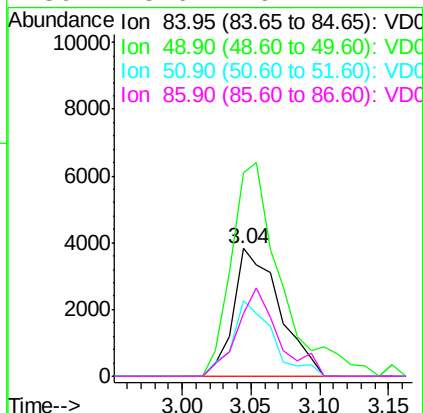
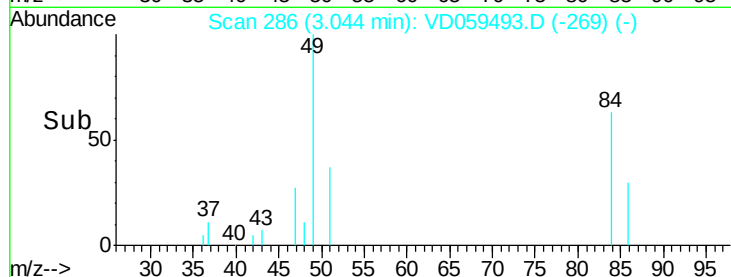
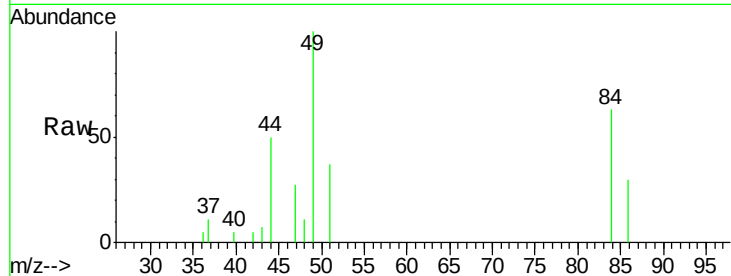
Ion Ratio Lower Upper

84 100

49 159.7 140.3 210.5

51 58.7 41.6 62.4

86 48.6 49.4 74.2#



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.00 min Scan# 586

Delta R.T. -0.03 min

Lab File: VD059493.D

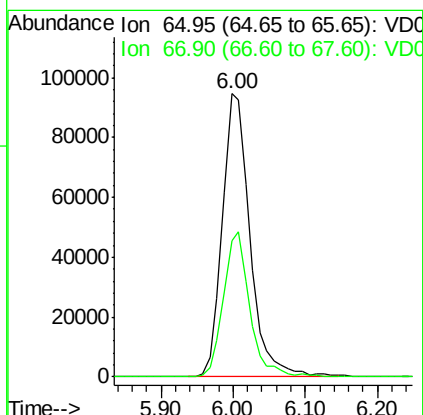
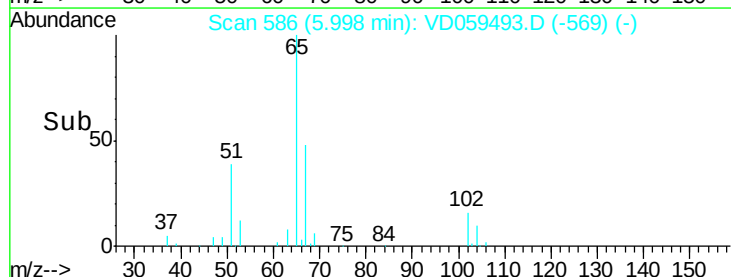
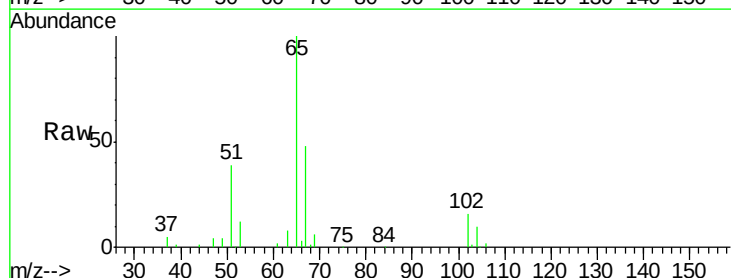
Acq: 29 Jun 2018 15:52

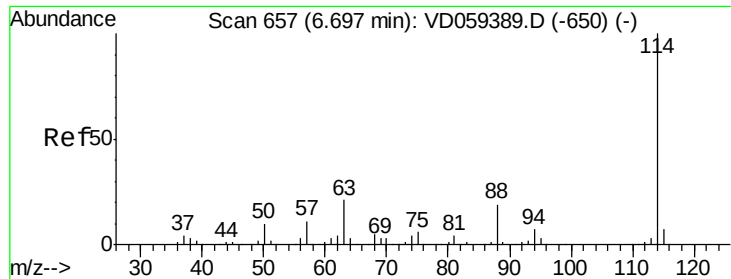
Tgt Ion: 65 Resp: 251167

Ion Ratio Lower Upper

65 100

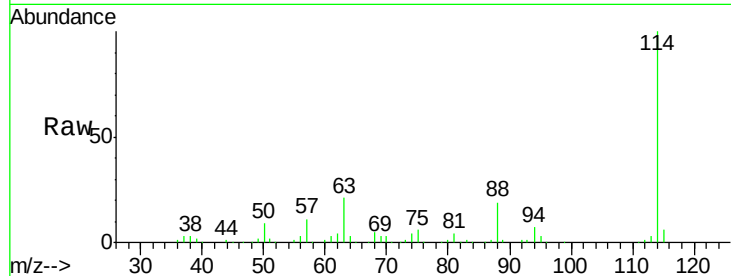
67 48.0 0.0 93.8





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.68 min Scan# 655
Delta R.T. -0.02 min
Lab File: VD059493.D
Acq: 29 Jun 2018 15:52

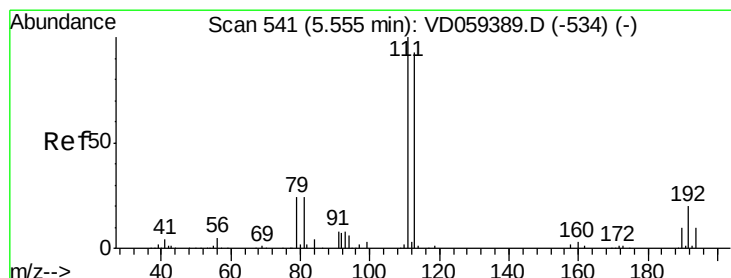
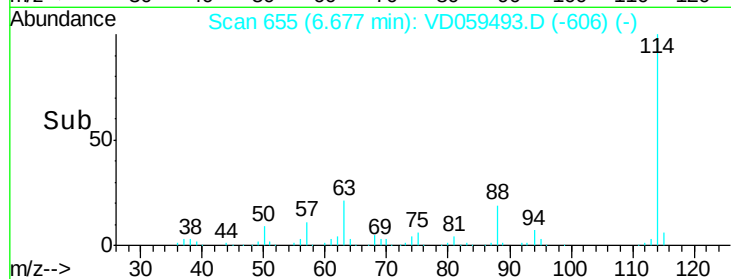
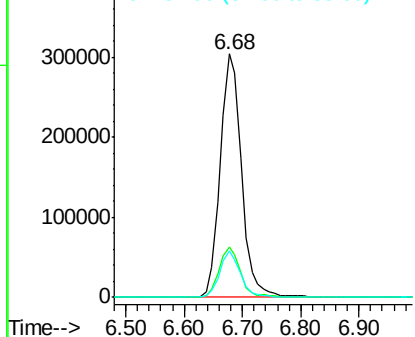
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.4
88	19.2	0.0	38.0



Abundance Ion 114.00 (113.70 to 114.70): V

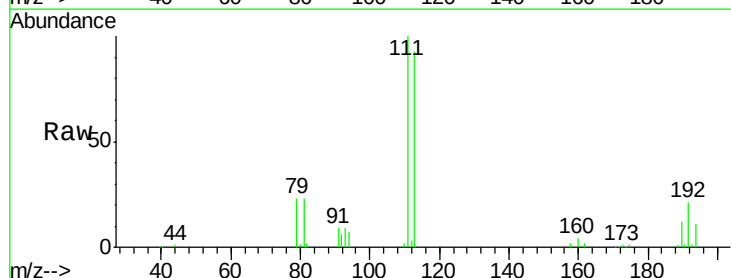
Ion 62.95 (62.65 to 63.65): V

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: VD059493.D
Acq: 29 Jun 2018 15:52

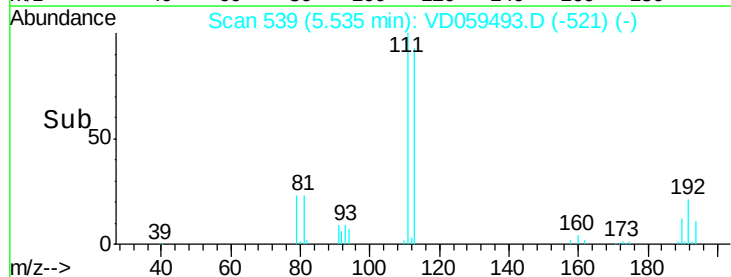
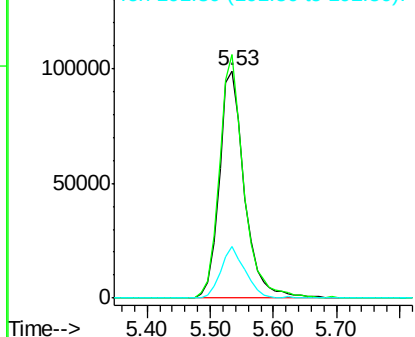
Tgt Ion	Ratio	Lower	Upper
113	100		
111	107.0	85.7	128.5
192	22.8	16.9	25.3

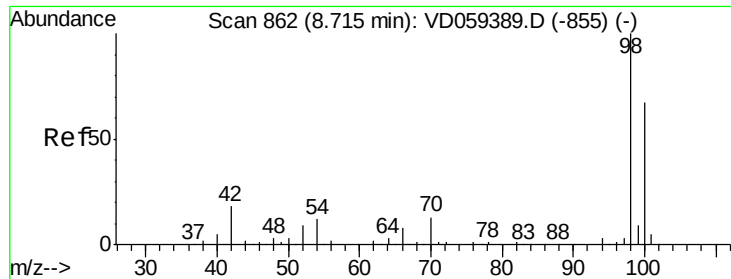


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

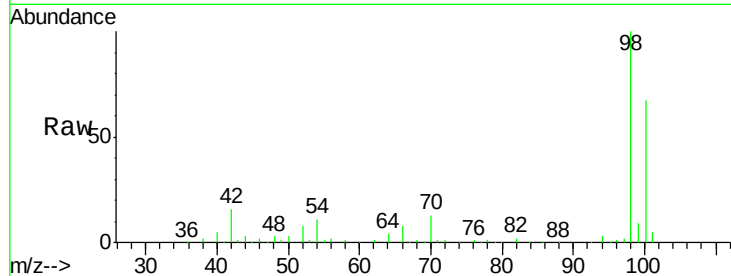
Ion 191.80 (191.50 to 192.50): V



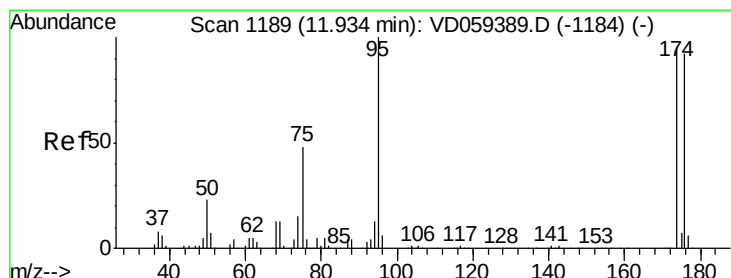
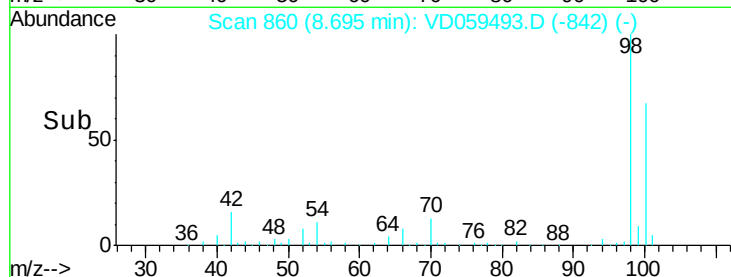
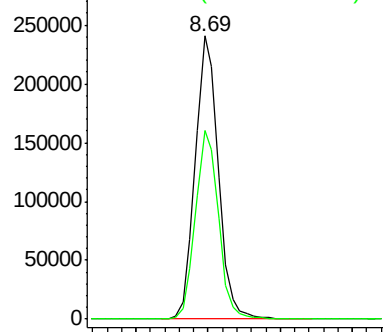


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059493.D
Acq: 29 Jun 2018 15:52

Tot Ion: 98 Resp: 533624
Ion Ratio Lower Upper
98 100
100 66.7 54.4 81.6

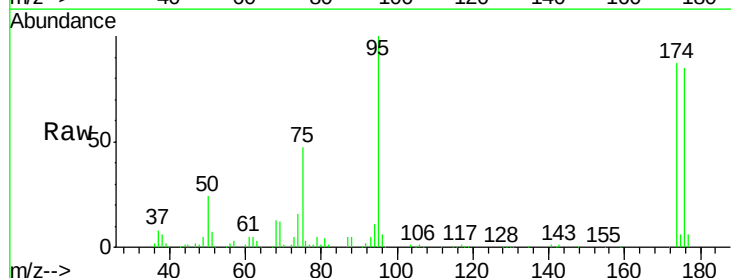


Abundance Ion 98.05 (97.75 to 98.75): VD059493.D (-842) (-)
Ion 100.05 (99.75 to 100.75): VD059493.D (-842) (-)

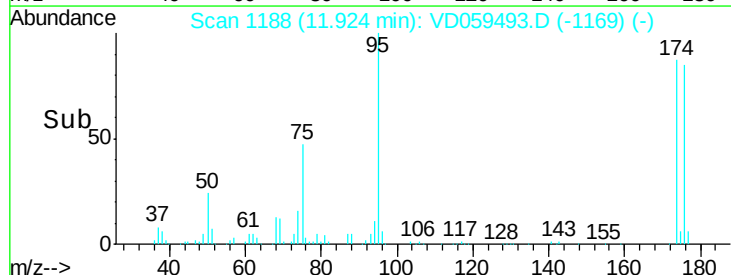
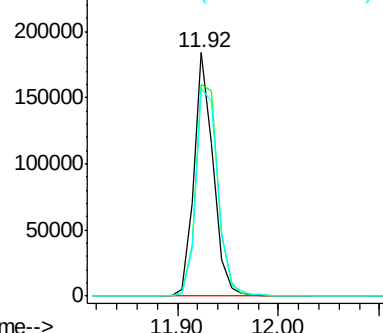


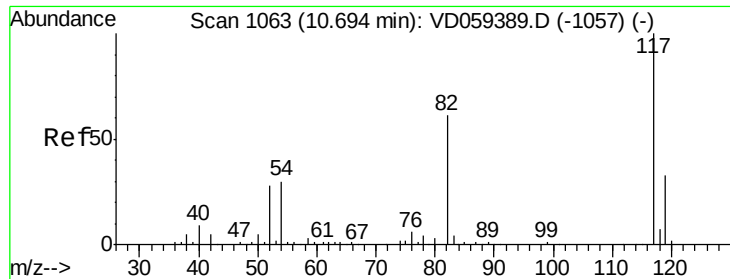
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059493.D
Acq: 29 Jun 2018 15:52

Tgt Ion: 95 Resp: 244138
Ion Ratio Lower Upper
95 100
174 86.8 0.0 190.4
176 85.5 0.0 183.2



Abundance Ion 95.00 (94.70 to 95.70): VD059493.D (-1169) (-)
Ion 173.90 (173.60 to 174.60): VD059493.D (-1169) (-)
Ion 175.90 (175.60 to 176.60): VD059493.D (-1169) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD059493.D

Acq: 29 Jun 2018 15:52

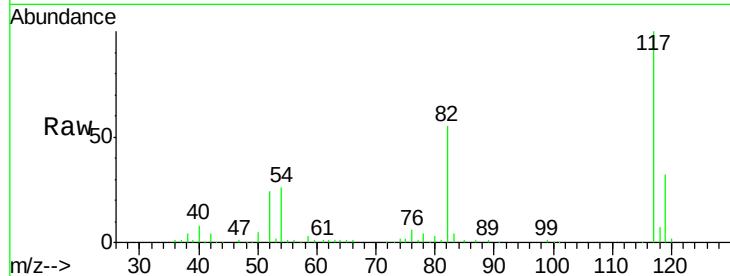
Tot Ion:117 Resp: 590032

Ion Ratio Lower Upper

117 100

82 55.4 49.0 73.6

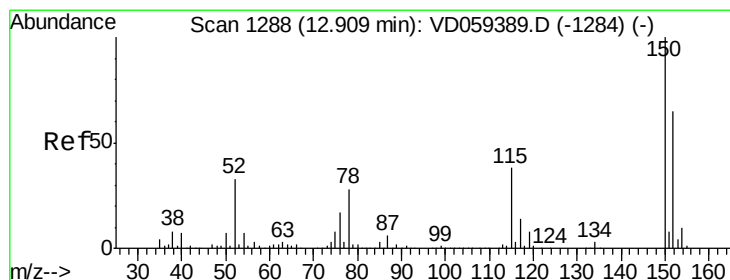
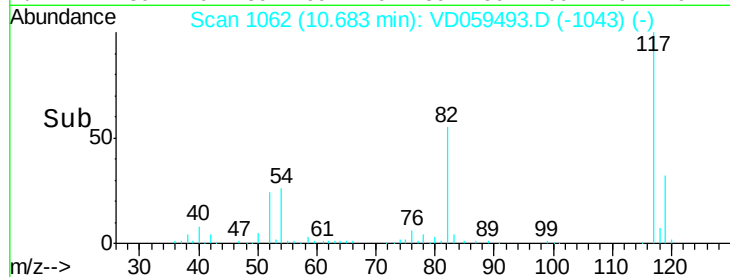
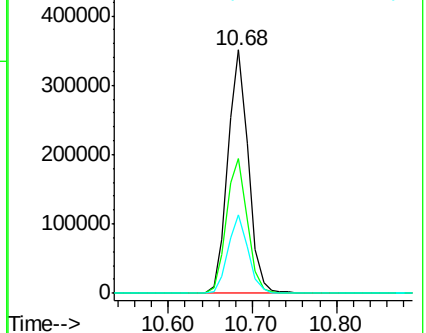
119 32.4 26.2 39.4



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: VD059493.D

Acq: 29 Jun 2018 15:52

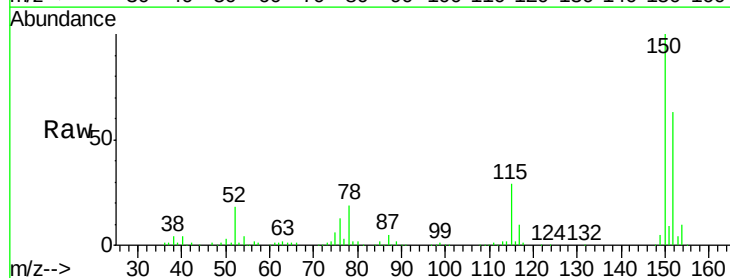
Tgt Ion:152 Resp: 265787

Ion Ratio Lower Upper

152 100

115 46.0 29.4 88.3

150 158.8 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

