

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059490.D
 Acq On : 29 Jun 2018 14:27
 Operator : VA/AP
 Sample : J3677-04
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 30 01:10:47 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	661862	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	819345	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	638331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	351777	50.00	ug/l	0.00

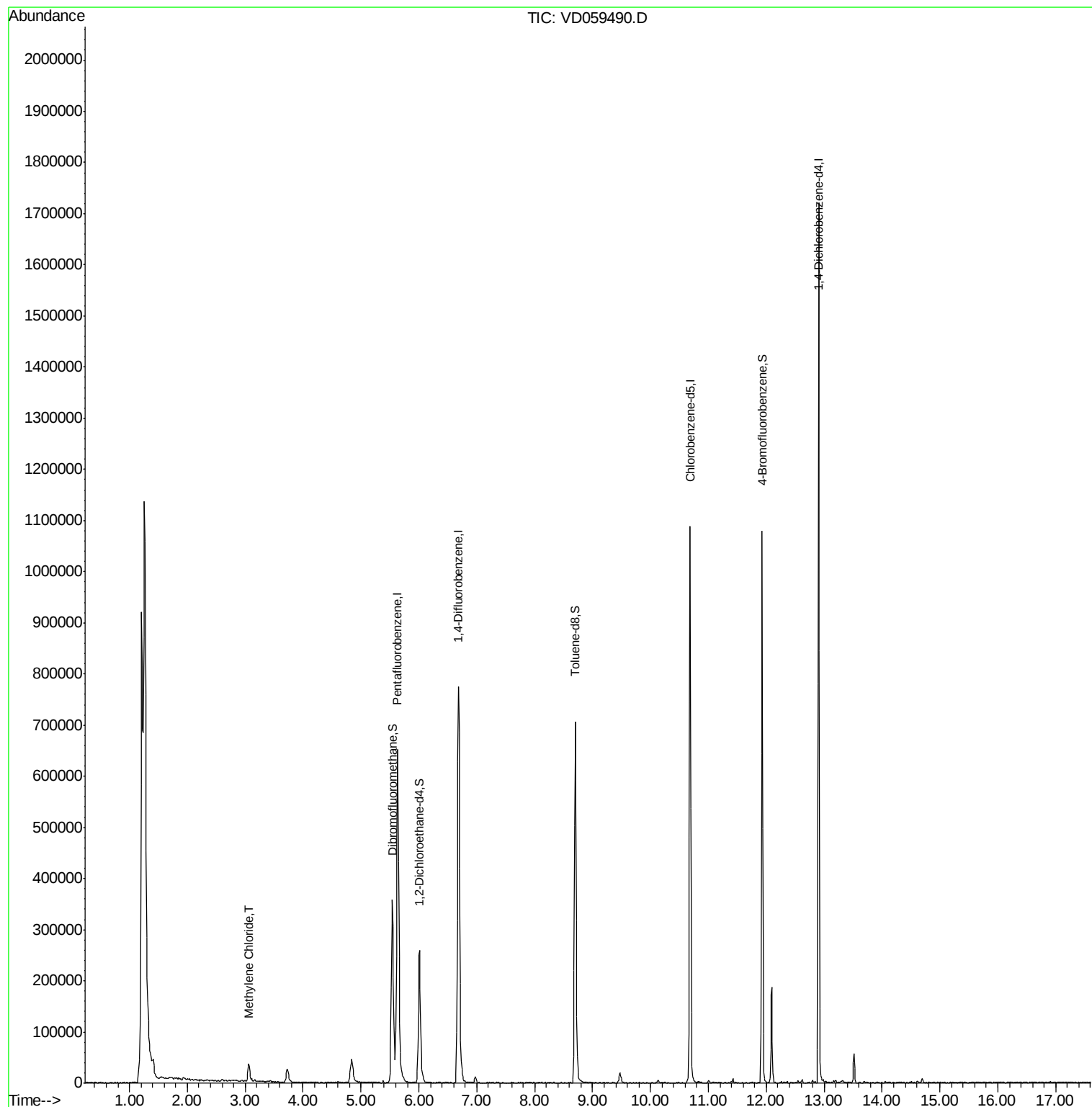
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	254281	37.57	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.14%	
35) Dibromofluoromethane	5.54	113	288271	43.19	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.38%	
50) Toluene-d8	8.70	98	551118	35.32	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	70.64%	
62) 4-Bromofluorobenzene	11.93	95	263917	40.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.34%	

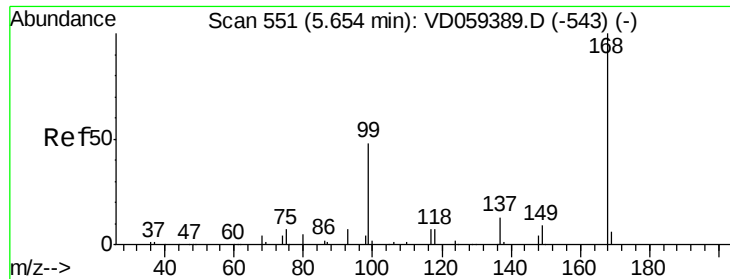
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.06	84	18442	5.57	ug/l	# 91

(#) = 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: VD059490.D

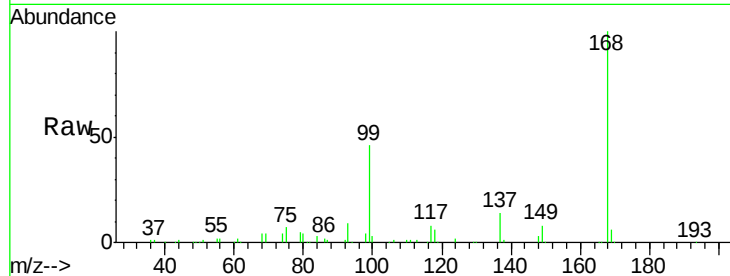
Acq: 29 Jun 2018 14:27

Tot Ion:168 Resp: 661862

Ion Ratio Lower Upper

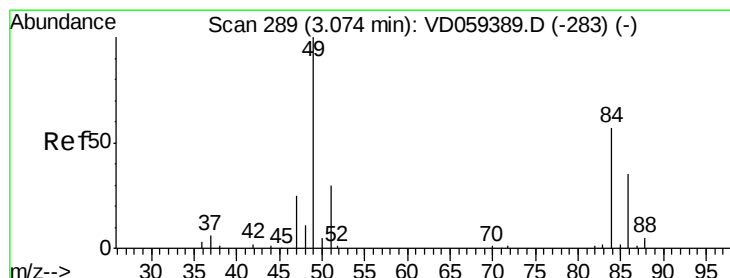
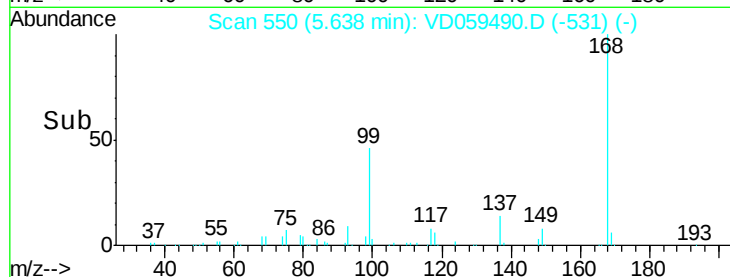
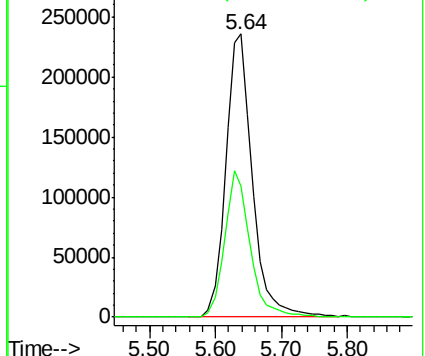
168 100

99 46.3 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: 5.57 ug/l

RT: 3.06 min Scan# 288

Delta R.T. -0.01 min

Lab File: VD059490.D

Acq: 29 Jun 2018 14:27

Tgt Ion: 84 Resp: 18442

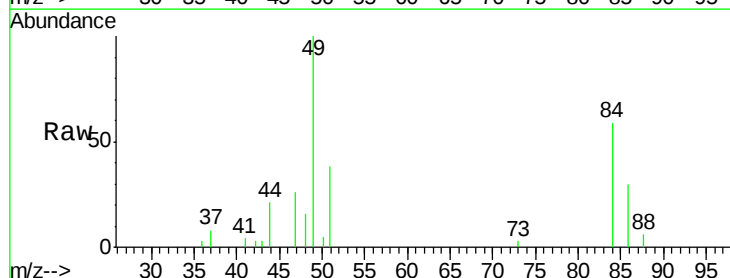
Ion Ratio Lower Upper

84 100

49 168.2 140.3 210.5

51 63.4 41.6 62.4#

86 50.8 49.4 74.2

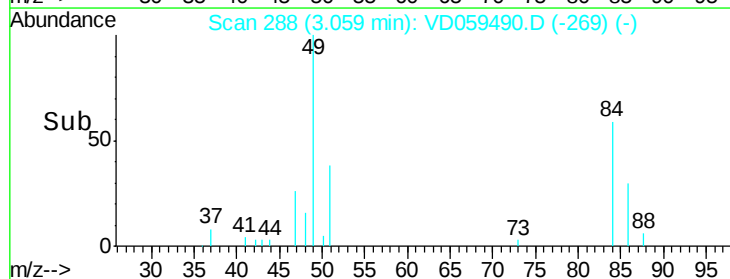
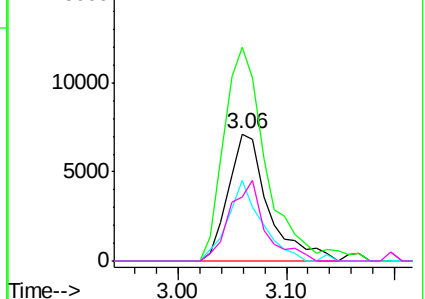


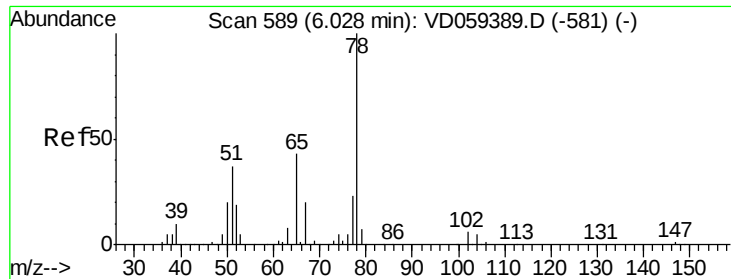
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

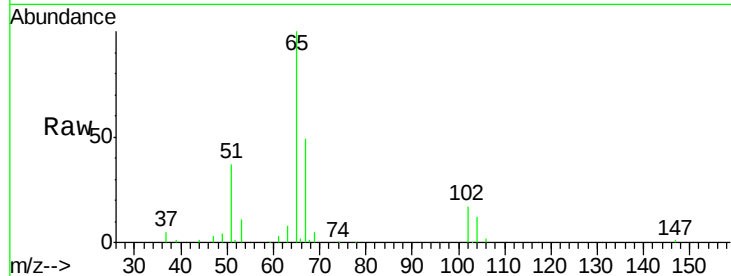
Ion 85.90 (85.60 to 86.60): VDC



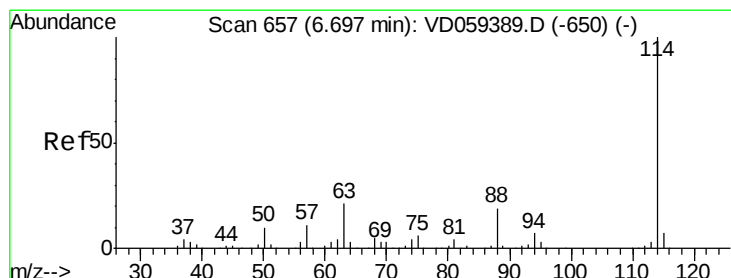
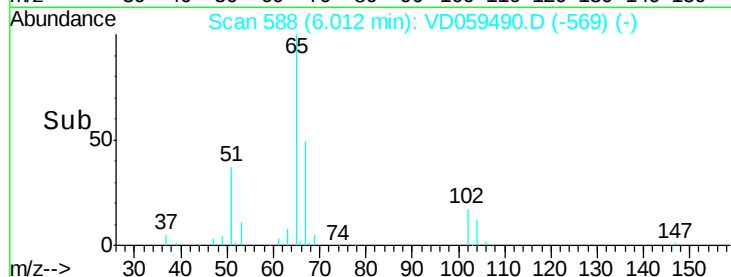
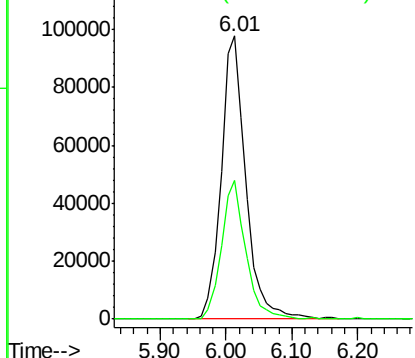


#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: VD059490.D
 Acq: 29 Jun 2018 14:27

Tot Ion: 65 Resp: 254281
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 93.8

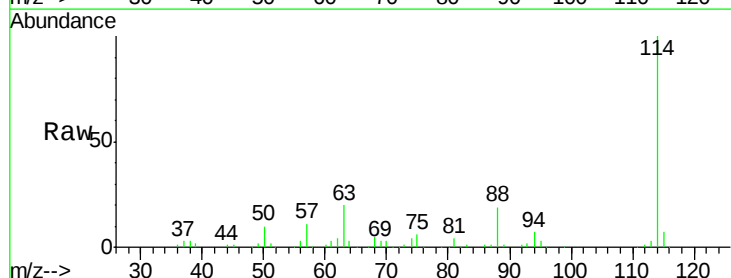


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

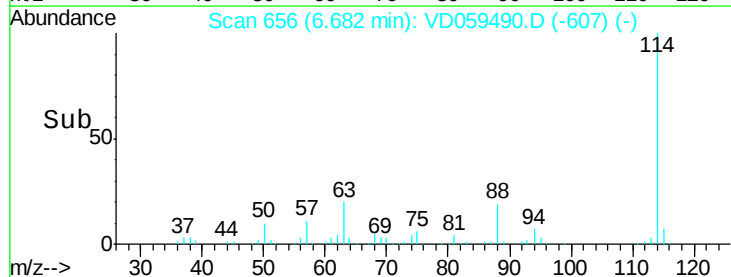
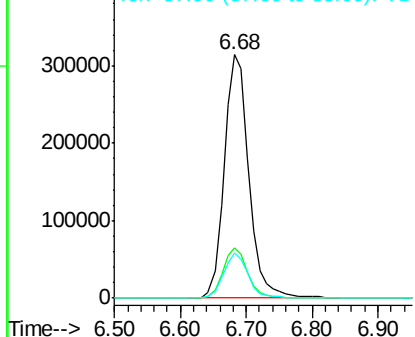


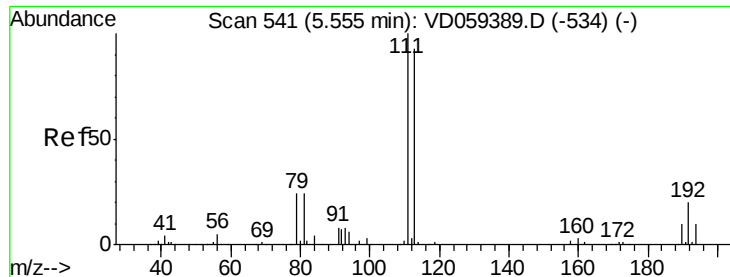
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD059490.D
 Acq: 29 Jun 2018 14:27

Tgt Ion: 114 Resp: 819345
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 18.7 0.0 38.0



Abundance Ion 114.00 (113.70 to 114.70): VDC
 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# 540

Delta R.T. -0.02 min

Lab File: VD059490.D

Acq: 29 Jun 2018 14:27

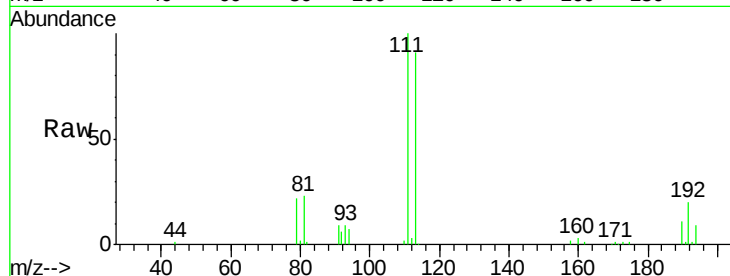
Tot Ion:113 Resp: 288271

Ion Ratio Lower Upper

113 100

111 109.8 85.7 128.5

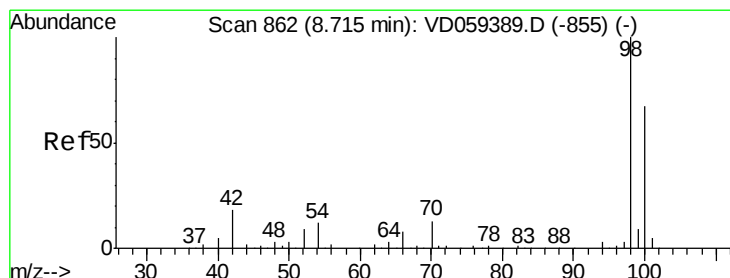
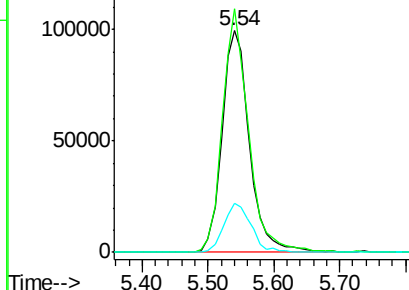
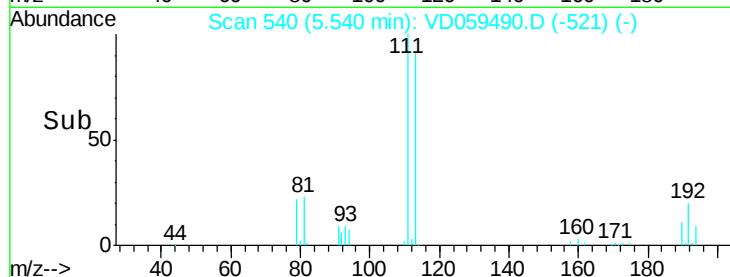
192 22.3 16.9 25.3



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: VD059490.D

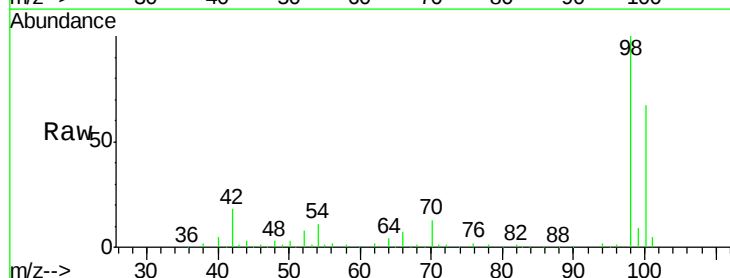
Acq: 29 Jun 2018 14:27

Tgt Ion: 98 Resp: 551118

Ion Ratio Lower Upper

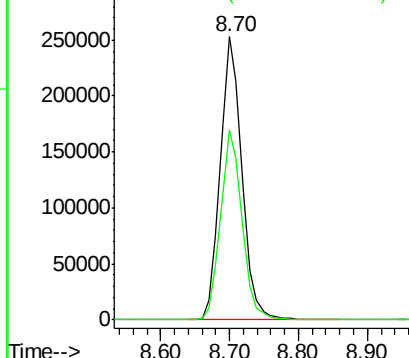
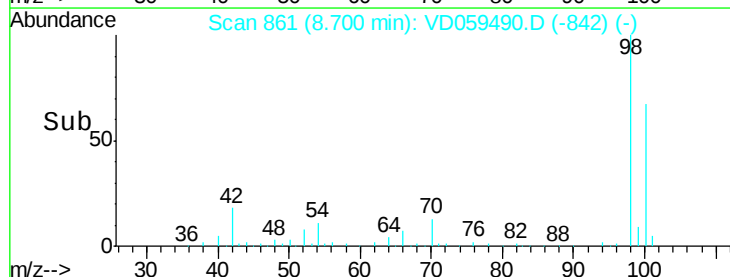
98 100

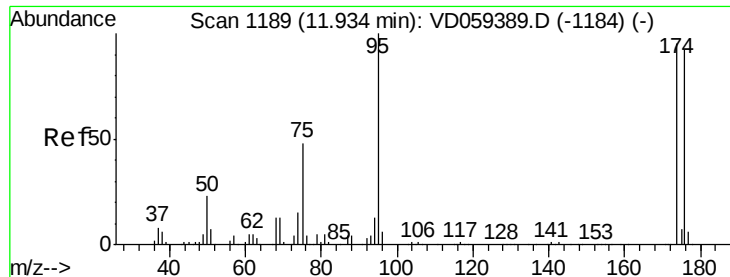
100 66.9 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): V

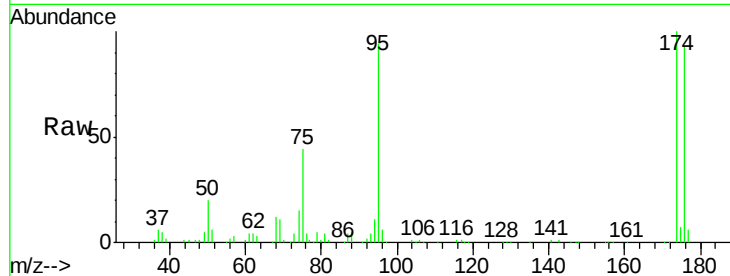
Ion 100.05 (99.75 to 100.75): V



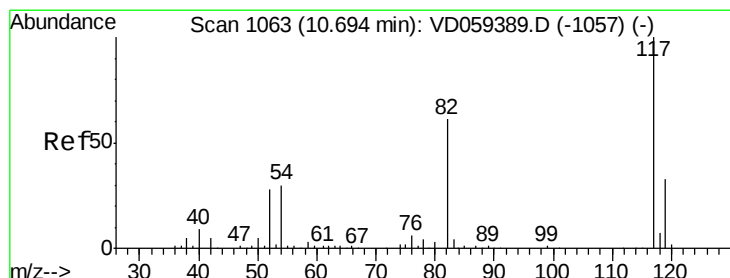
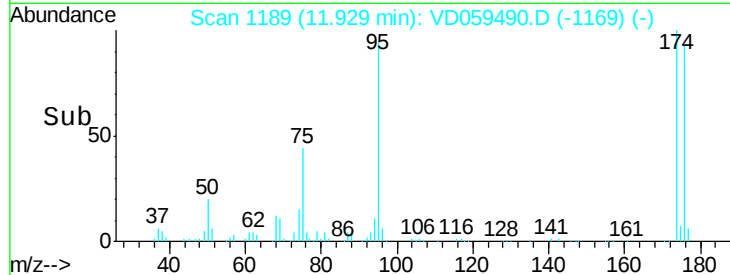
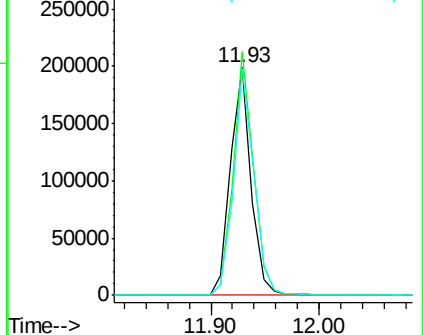


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059490.D
Acq: 29 Jun 2018 14:27

Tot Ion: 95 Resp: 263917
Ion Ratio Lower Upper
95 100
174 106.7 0.0 190.4
176 99.7 0.0 183.2

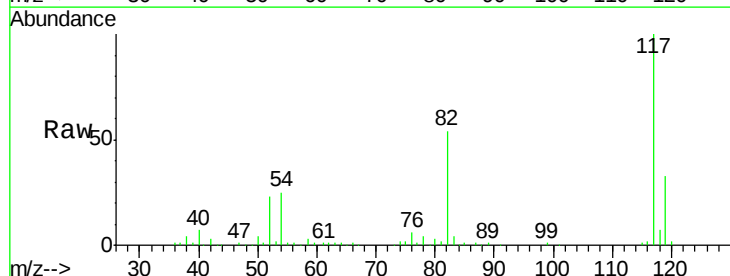


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

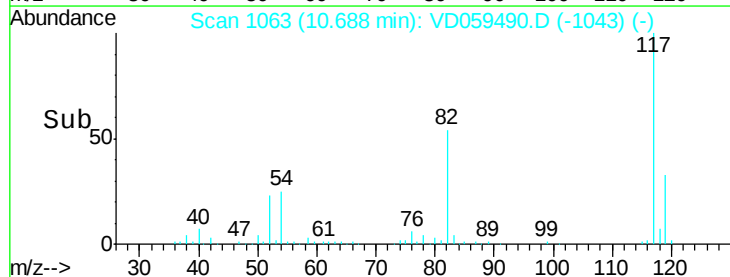
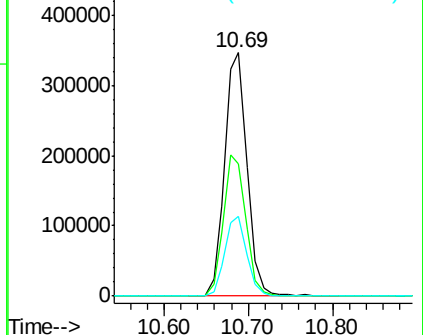


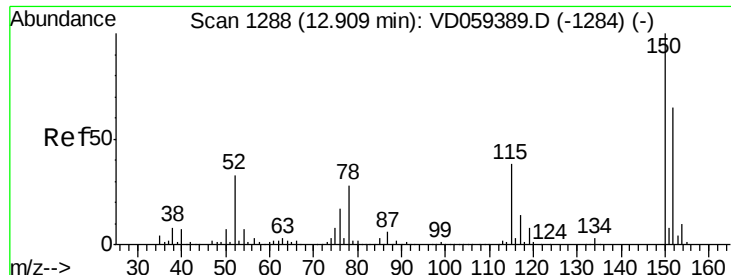
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059490.D
Acq: 29 Jun 2018 14:27

Tgt Ion: 117 Resp: 638331
Ion Ratio Lower Upper
117 100
82 54.4 49.0 73.6
119 32.6 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: VD059490.D
 Acq: 29 Jun 2018 14:27

Tot Ion:152	Resp:	351777	
Ion Ratio	Lower	Upper	
152	100		
115	55.6	29.4	88.3
150	156.9	0.0	308.2

