

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059495.D
 Acq On : 29 Jun 2018 16:49
 Operator : VA/AP
 Sample : J3248-09
 Misc : 6.69g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

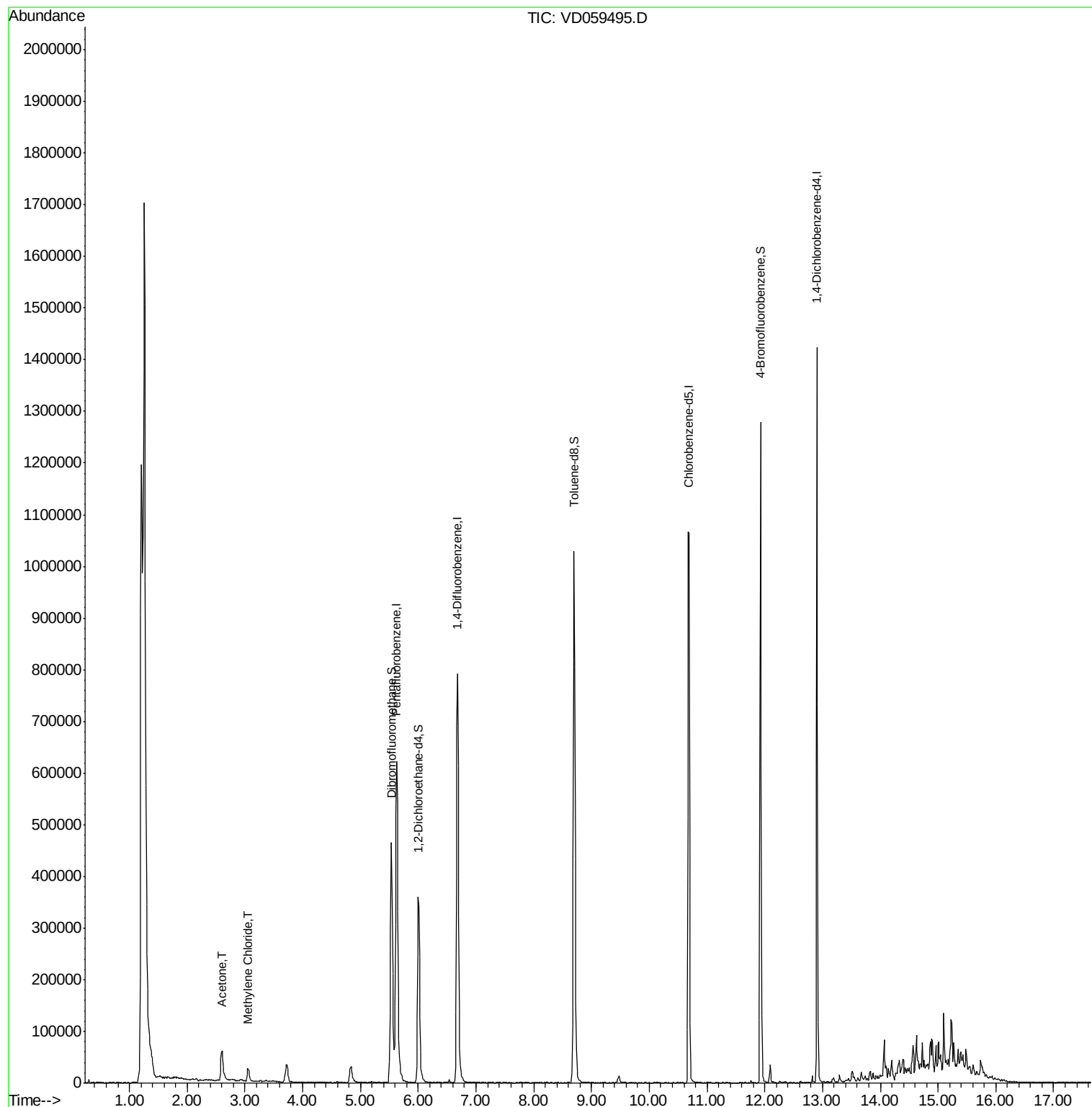
Quant Time: Jun 30 01:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

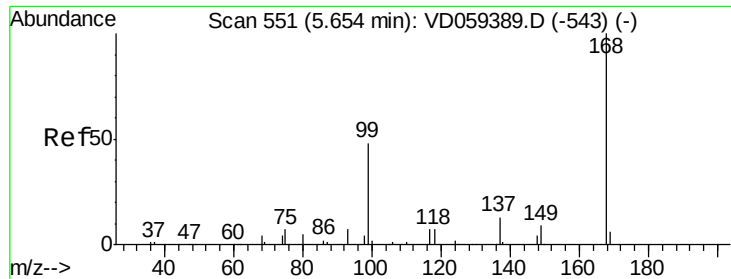
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	614587	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	804106	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	624965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	292978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	364326	57.97	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	115.94%	
35) Dibromofluoromethane	5.54	113	374840	57.23	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.46%	
50) Toluene-d8	8.70	98	814449	53.19	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.38%	
62) 4-Bromofluorobenzene	11.93	95	320391	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
Target Compounds						
16) Acetone	2.61	43	123307	155.45	ug/l	98
20) Methylene Chloride	3.05	84	10611	2.45	ug/l #	86

(#) = 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. -0.03 min

Lab File: VD059495.D

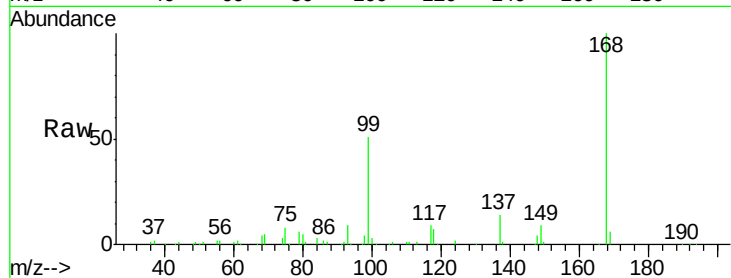
Acq: 29 Jun 2018 16:49

Tot Ion:168 Resp: 614587

Ion Ratio Lower Upper

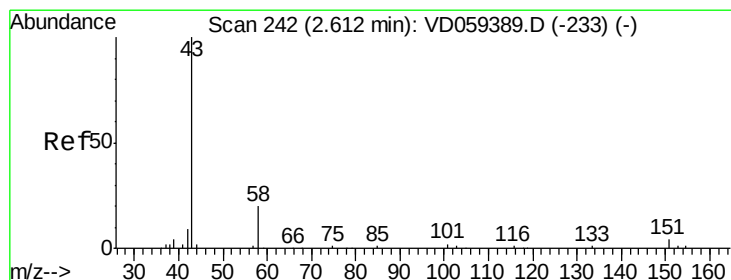
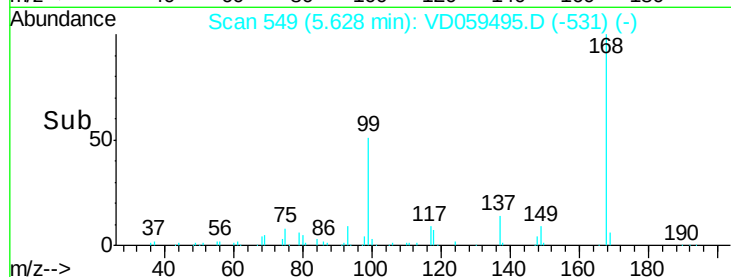
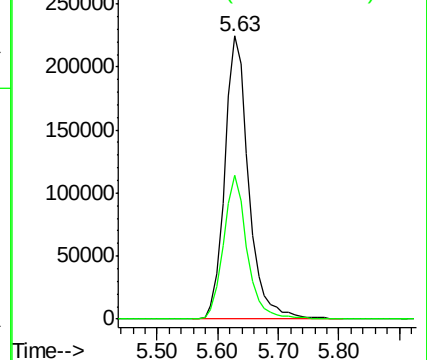
168 100

99 50.6 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 155.45 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD059495.D

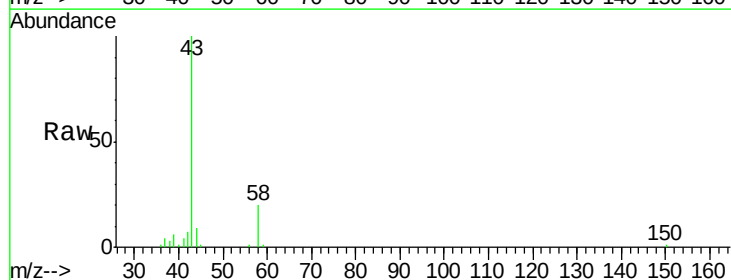
Acq: 29 Jun 2018 16:49

Tgt Ion: 43 Resp: 123307

Ion Ratio Lower Upper

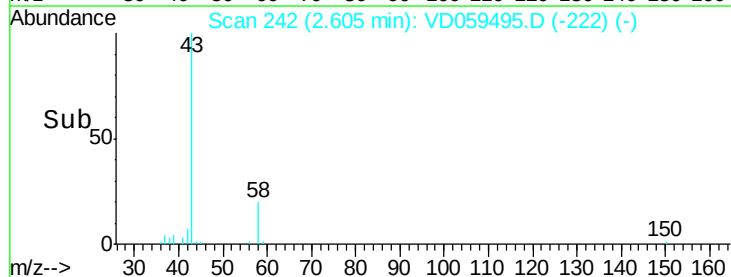
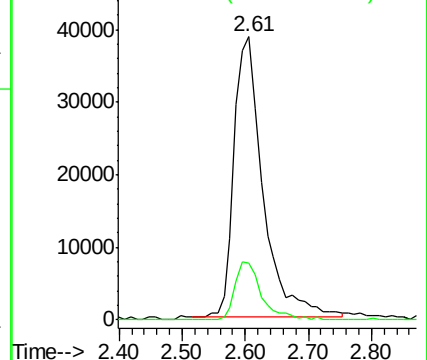
43 100

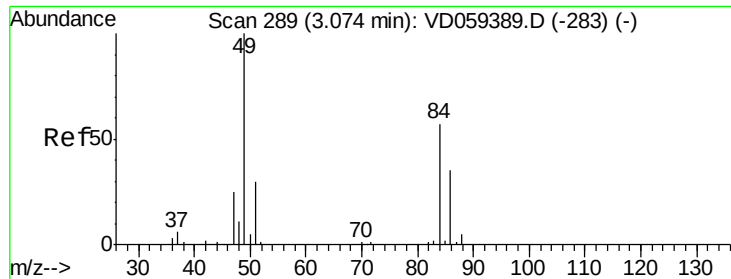
58 20.0 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

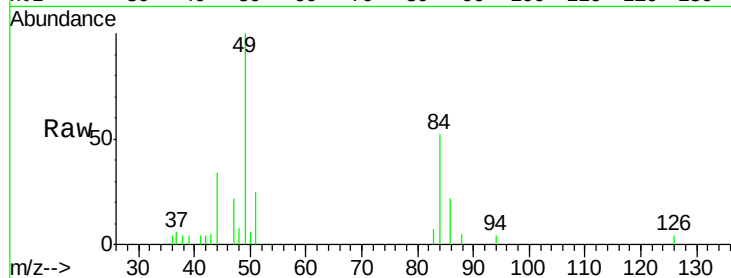
Ion 57.95 (57.65 to 58.65): VDC





#20
Methylene Chloride
Concen: 2.45 ug/l
RT: 3.05 min Scan# 287
Delta R.T. -0.03 min
Lab File: VD059495.D
Acq: 29 Jun 2018 16:49

Tot Ion	84	Resp	10611
Ion	Ratio	Lower	Upper
84	100		
49	193.3	140.3	210.5
51	47.9	41.6	62.4
86	42.4	49.4	74.2#

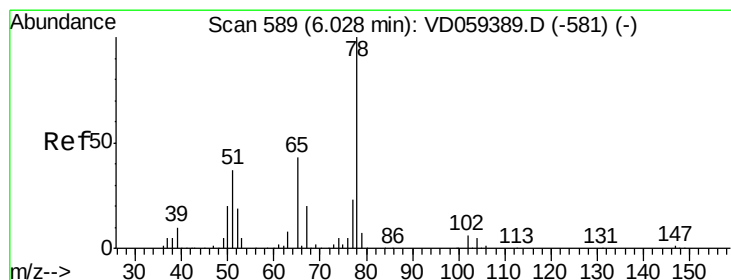
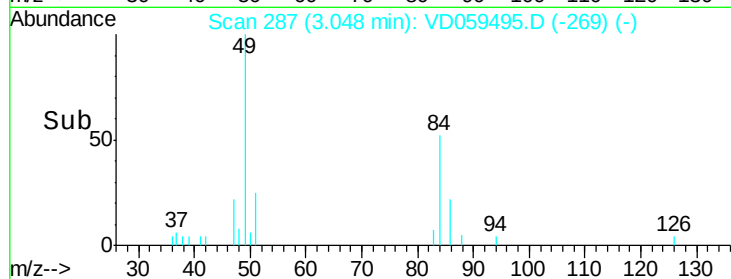
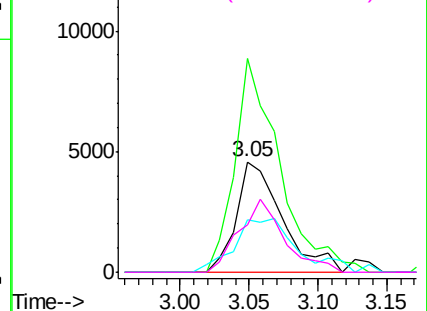


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

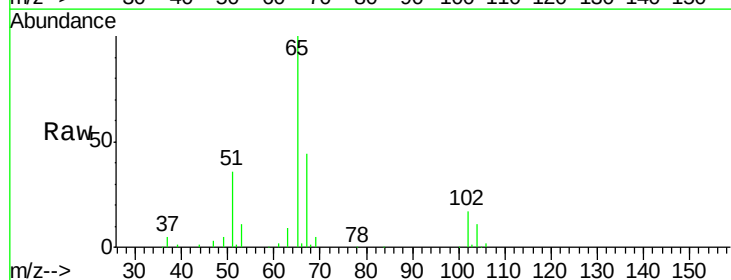
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



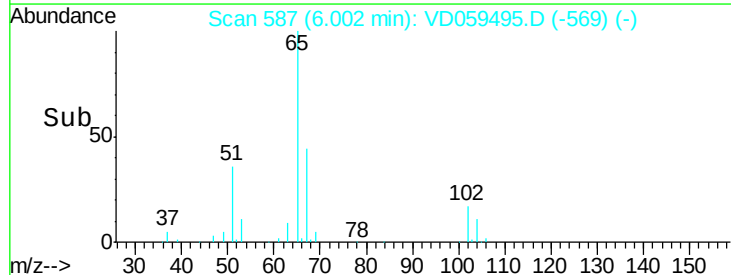
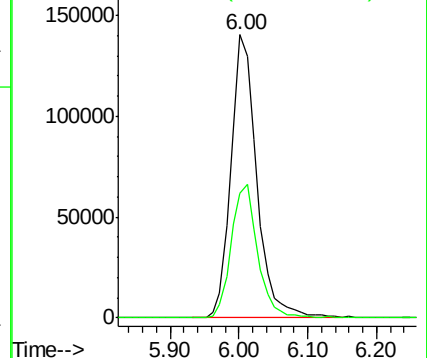
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.03 min
Lab File: VD059495.D
Acq: 29 Jun 2018 16:49

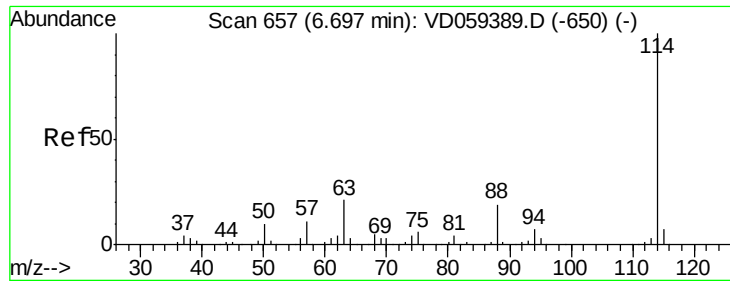
Tgt Ion	65	Resp	364326
Ion	Ratio	Lower	Upper
65	100		
67	43.8	0.0	93.8



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: VD059495.D

Acq: 29 Jun 2018 16:49

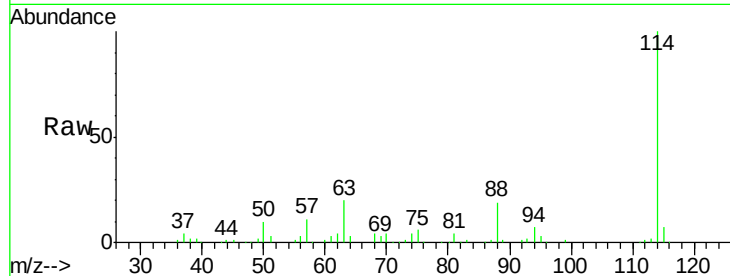
Tot Ion:114 Resp: 804106

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

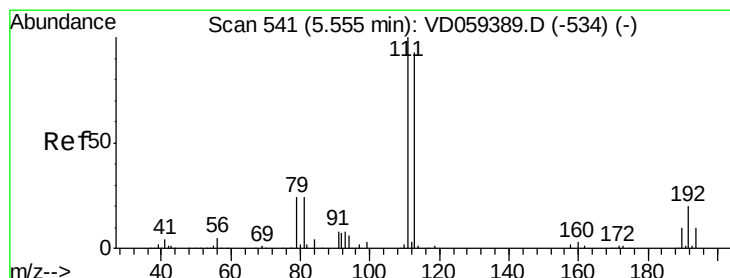
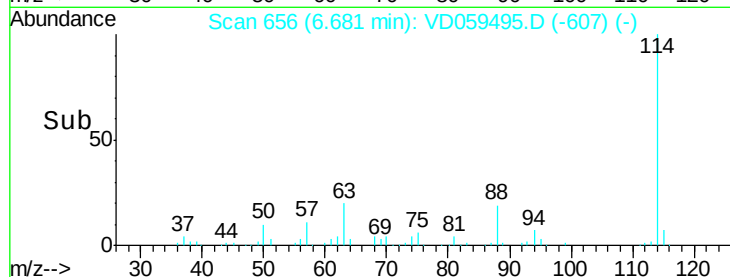
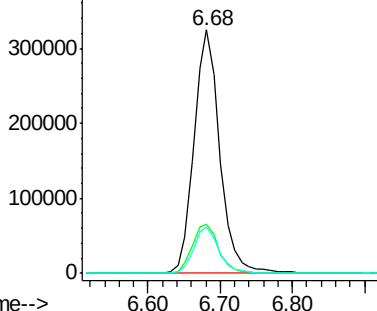
88 19.0 0.0 38.0



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# 540

Delta R.T. -0.02 min

Lab File: VD059495.D

Acq: 29 Jun 2018 16:49

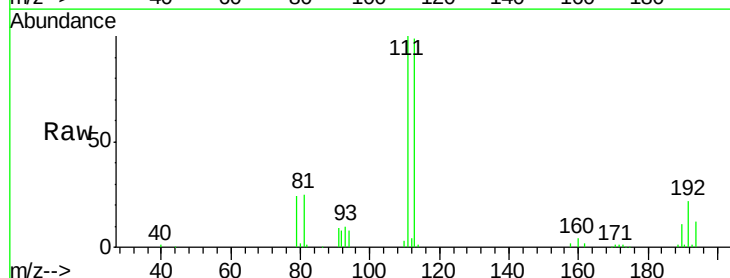
Tgt Ion:113 Resp: 374840

Ion Ratio Lower Upper

113 100

111 100.9 85.7 128.5

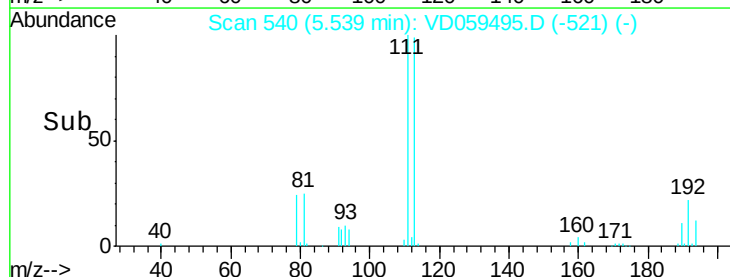
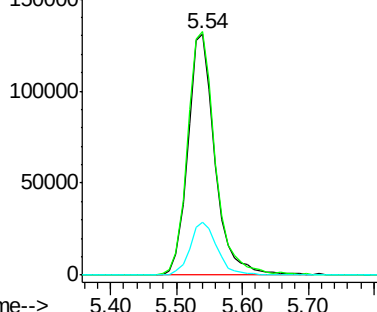
192 21.8 16.9 25.3

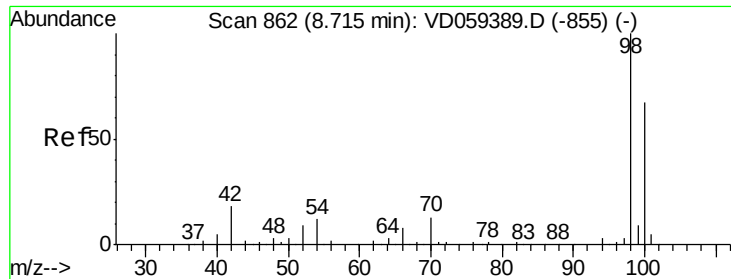


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

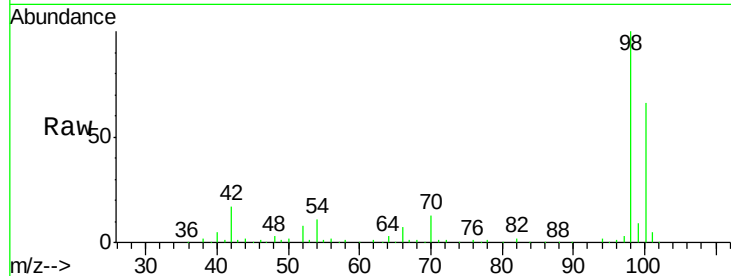
Ion 191.80 (191.50 to 192.50): V



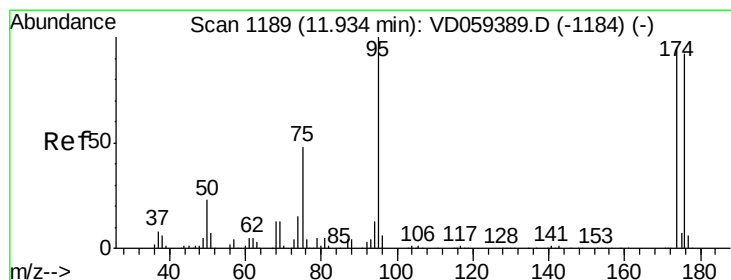
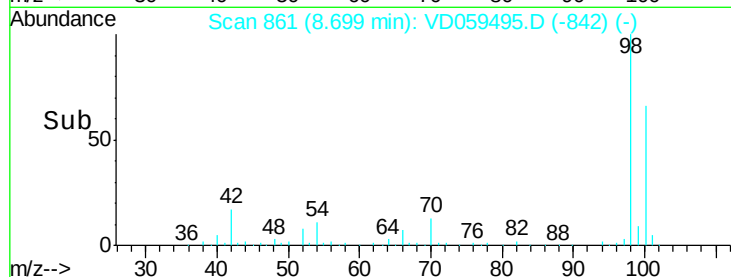
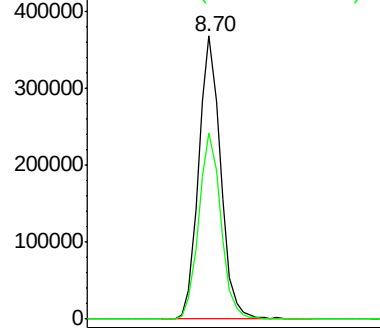


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.02 min
Lab File: VD059495.D
Acq: 29 Jun 2018 16:49

Tot Ion: 98 Resp: 814449
Ion Ratio Lower Upper
98 100
100 65.7 54.4 81.6

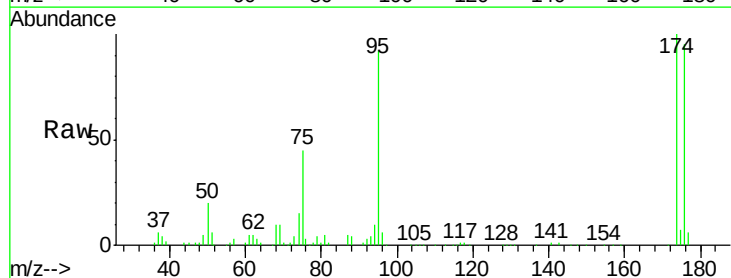


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

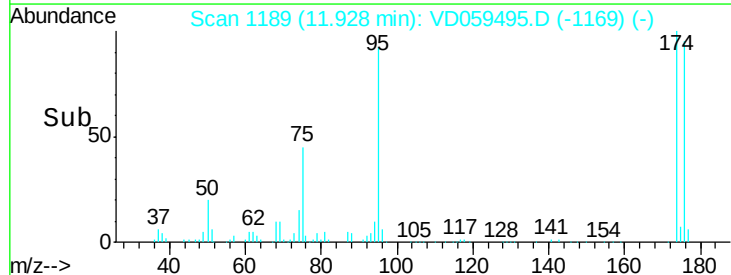
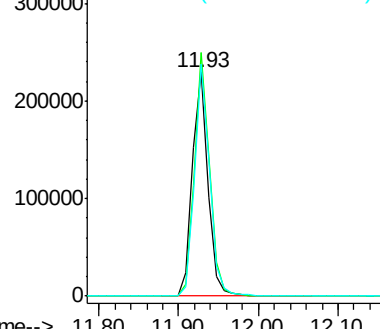


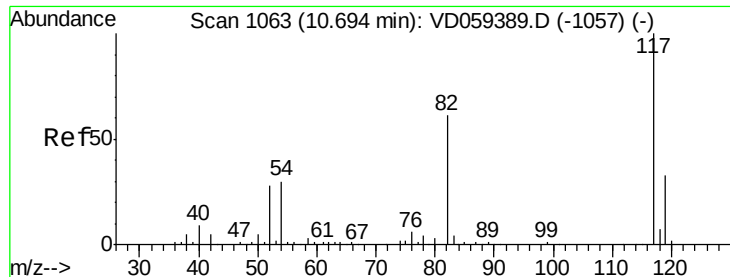
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059495.D
Acq: 29 Jun 2018 16:49

Tgt Ion: 95 Resp: 320391
Ion Ratio Lower Upper
95 100
174 108.8 0.0 190.4
176 103.8 0.0 183.2



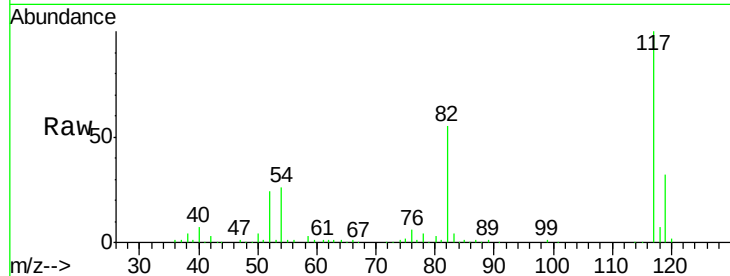
Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC



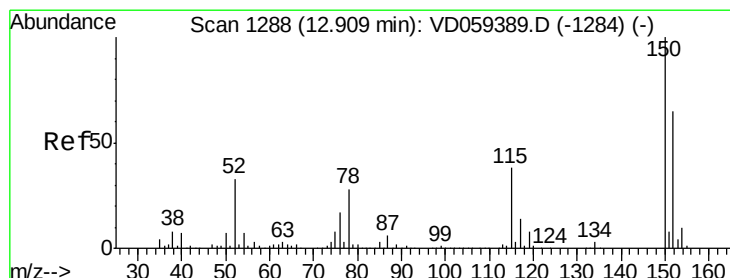
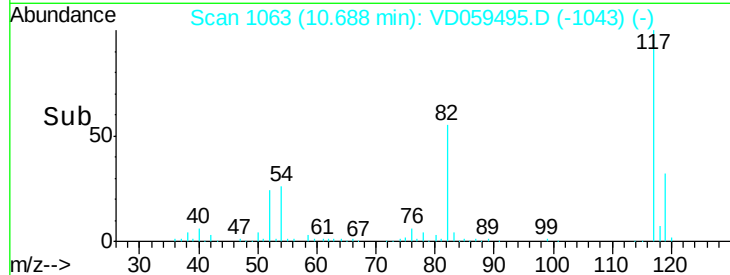
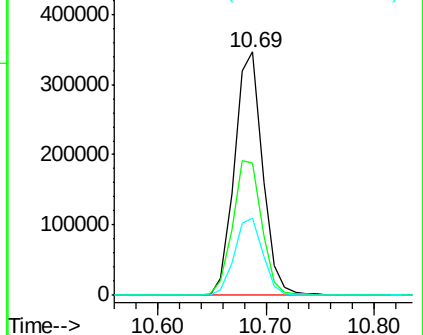


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059495.D
Acq: 29 Jun 2018 16:49

Tot Ion:117 Resp: 624965
Ion Ratio Lower Upper
117 100
82 54.5 49.0 73.6
119 31.6 26.2 39.4

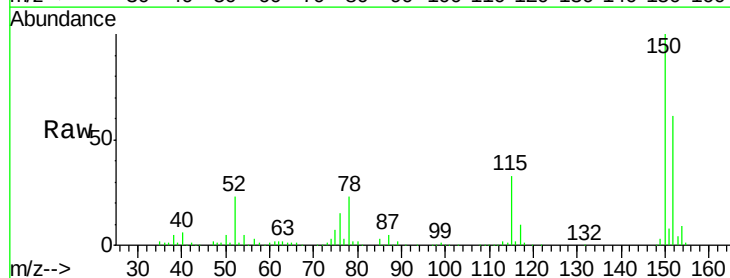


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059495.D
Acq: 29 Jun 2018 16:49

Tgt Ion:152 Resp: 292978
Ion Ratio Lower Upper
152 100
115 53.0 29.4 88.3
150 162.7 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

