

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059494.D
 Acq On : 29 Jun 2018 16:21
 Operator : VA/AP
 Sample : J3248-07
 Misc : 6.72g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

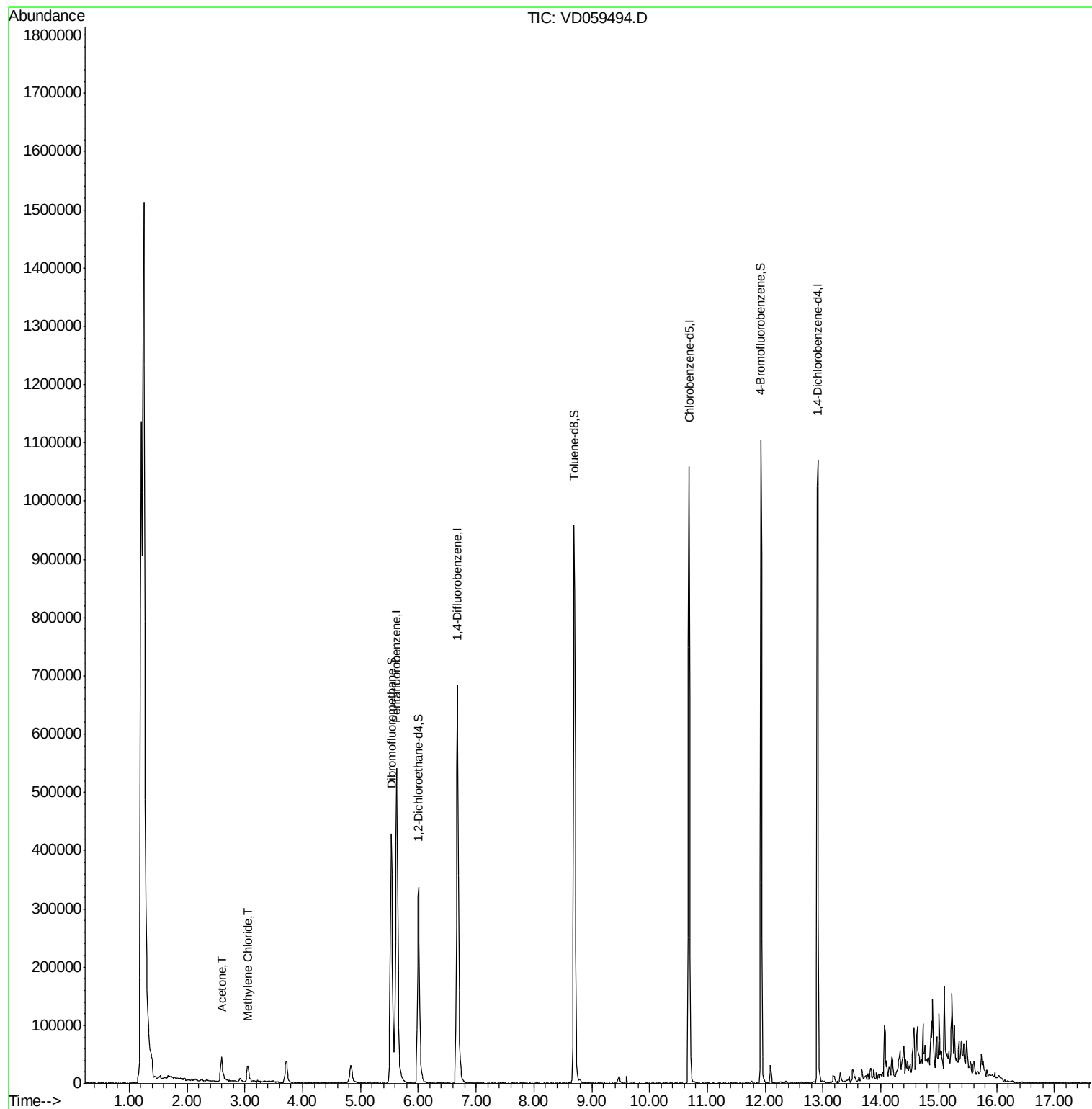
Quant Time: Jun 30 01:25:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

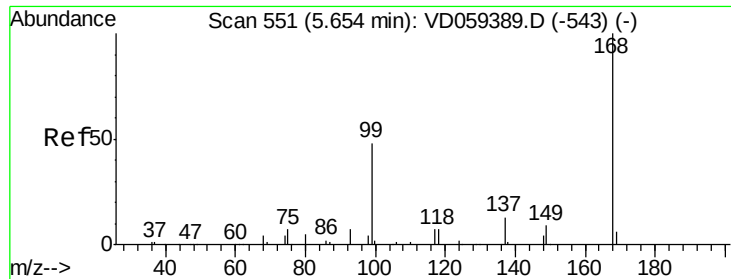
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	554546	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	706069	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	550593	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	261032	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	332651	58.66	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	117.32%	
35) Dibromofluoromethane	5.53	113	348635	60.62	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	121.24%	
50) Toluene-d8	8.69	98	769273	57.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.44%	
62) 4-Bromofluorobenzene	11.92	95	290433	51.93	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.86%	
Target Compounds						
16) Acetone	2.60	43	82890	115.81	ug/l	94
20) Methylene Chloride	3.04	84	12919	4.22	ug/l	98

(#) = 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: VD059494.D

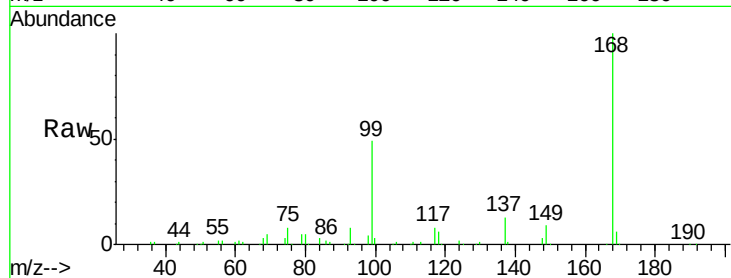
Acq: 29 Jun 2018 16:21

Tot Ion:168 Resp: 554546

Ion Ratio Lower Upper

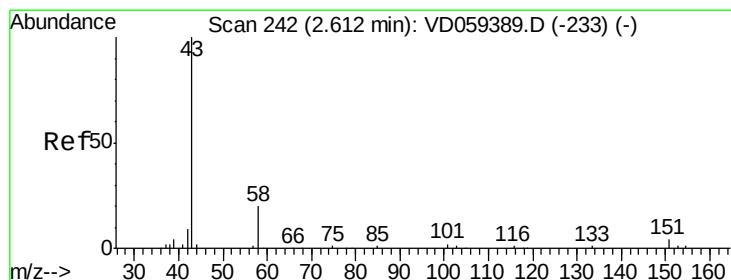
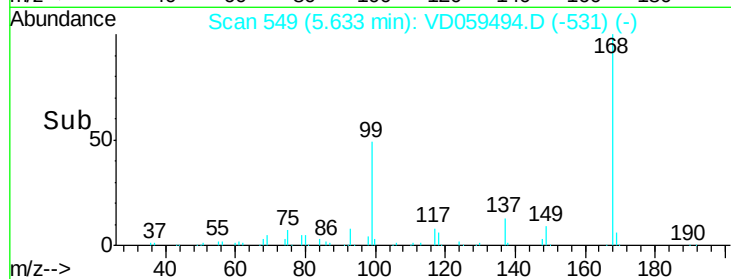
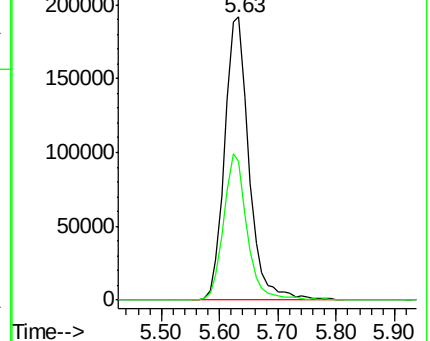
168 100

99 49.0 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: 115.81 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD059494.D

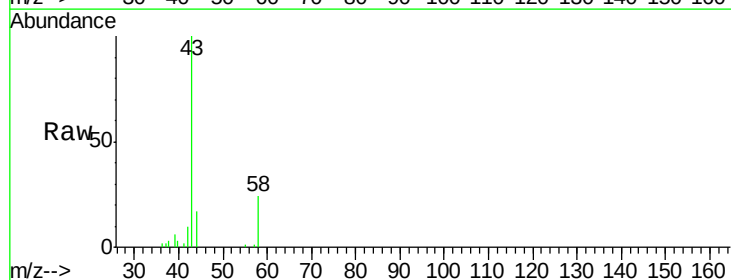
Acq: 29 Jun 2018 16:21

Tgt Ion: 43 Resp: 82890

Ion Ratio Lower Upper

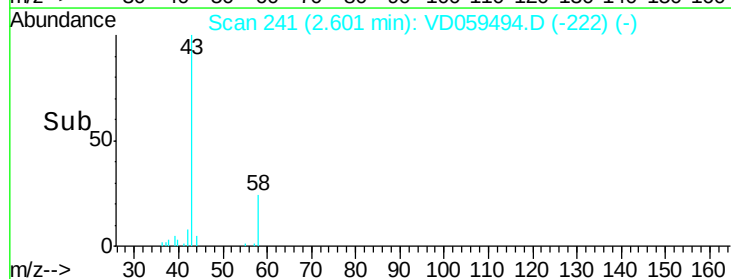
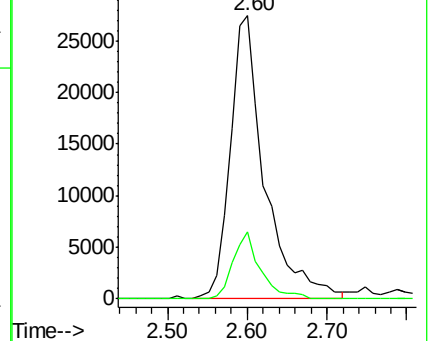
43 100

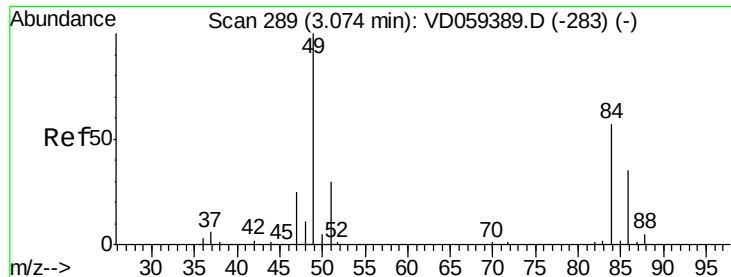
58 23.7 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

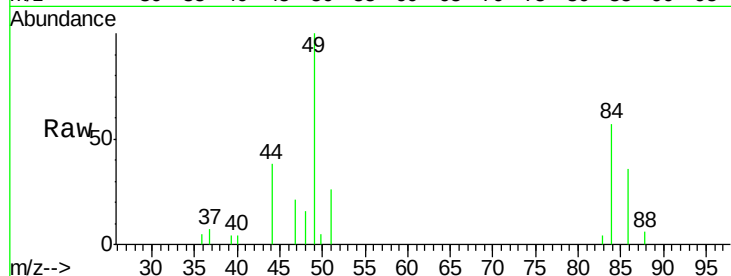
Ion 57.95 (57.65 to 58.65): VDC



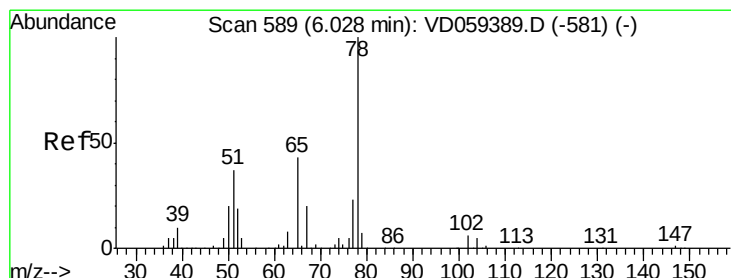
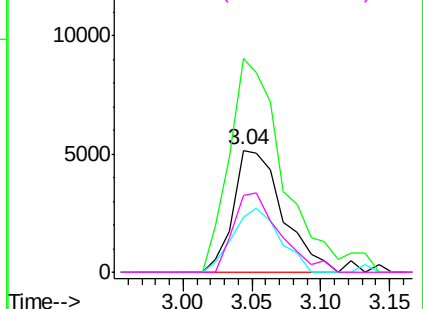
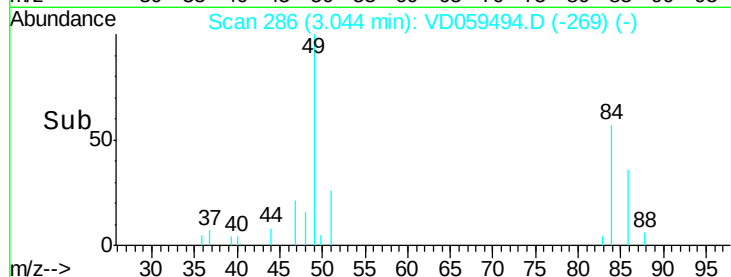


#20
Methylene Chloride
Concen: 4.22 ug/l
RT: 3.04 min Scan# 286
Delta R.T. -0.03 min
Lab File: VD059494.D
Acq: 29 Jun 2018 16:21

Tot Ion: 84 Resp: 12919
Ion Ratio Lower Upper
84 100
49 175.0 140.3 210.5
51 45.4 41.6 62.4
86 63.3 49.4 74.2

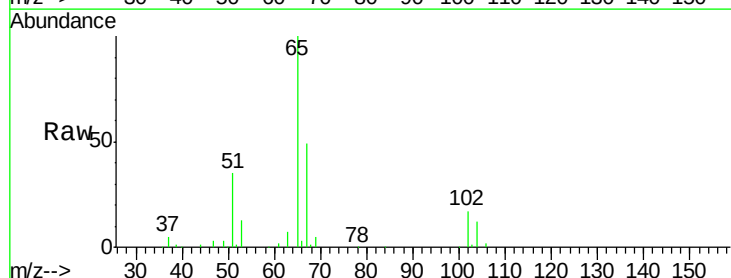


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

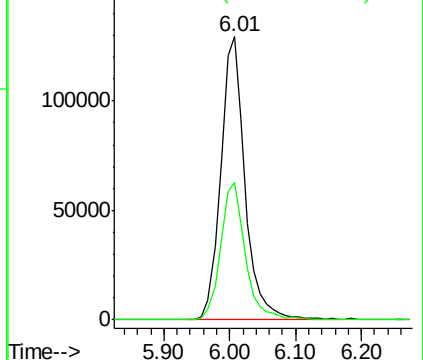
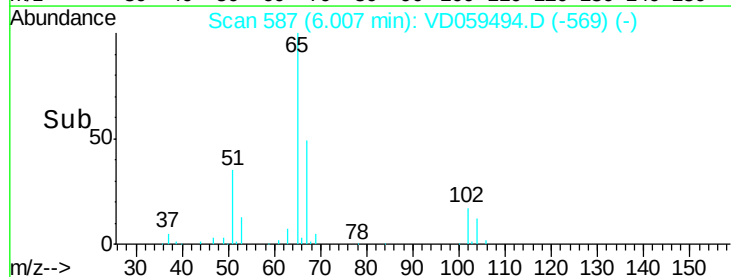


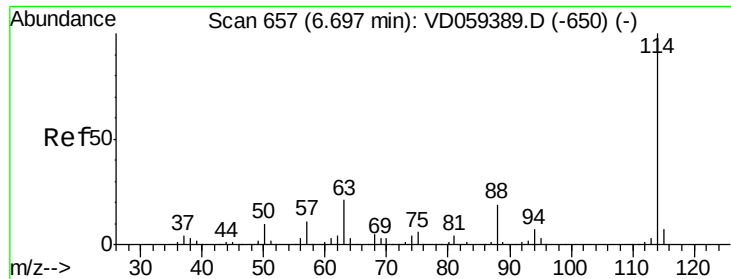
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 587
Delta R.T. -0.02 min
Lab File: VD059494.D
Acq: 29 Jun 2018 16:21

Tgt Ion: 65 Resp: 332651
Ion Ratio Lower Upper
65 100
67 48.6 0.0 93.8



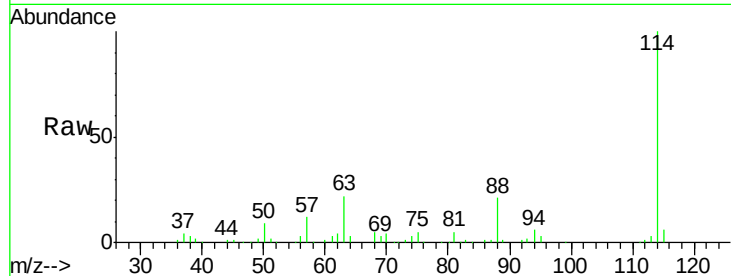
Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: VD059494.D
 Acq: 29 Jun 2018 16:21

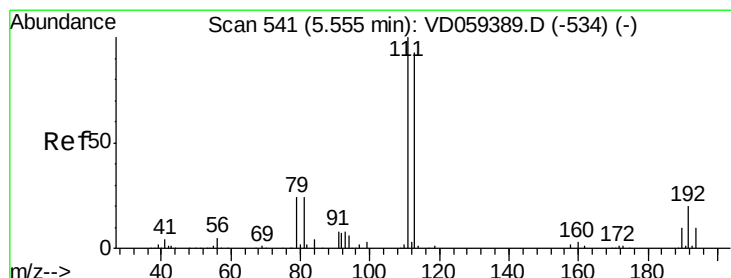
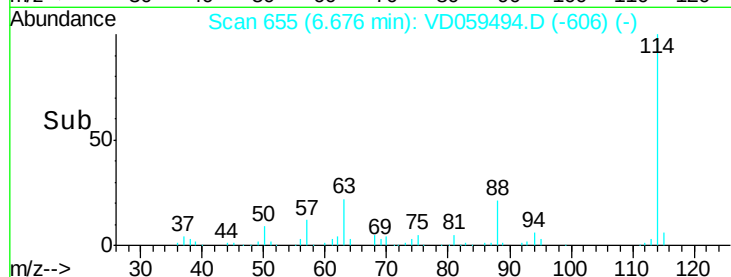
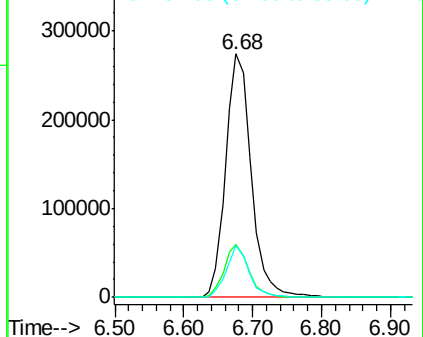
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	42.4
88	21.2	0.0	38.0



Abundance Ion 114.00 (113.70 to 114.70): V

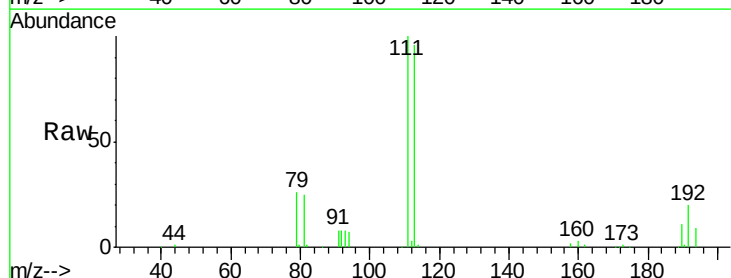
Ion 62.95 (62.65 to 63.65): V

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: VD059494.D
 Acq: 29 Jun 2018 16:21

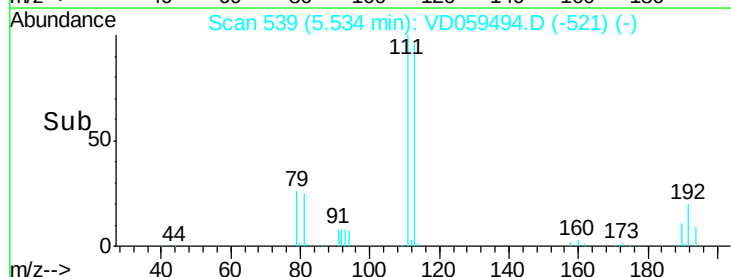
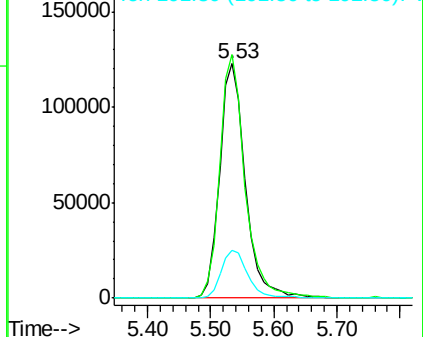
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	85.7	128.5
192	20.6	16.9	25.3

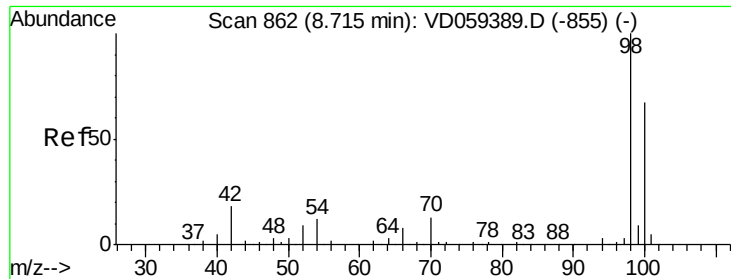


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

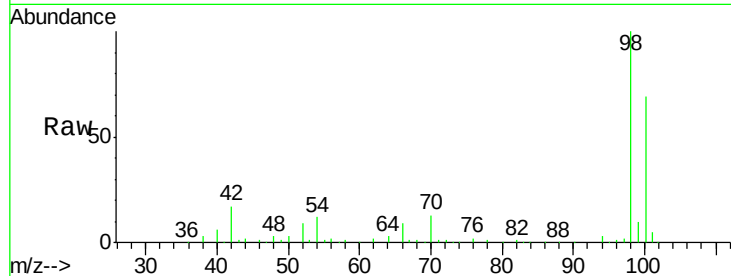
Ion 191.80 (191.50 to 192.50): V



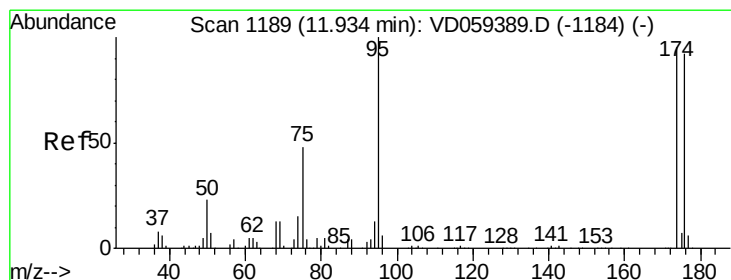
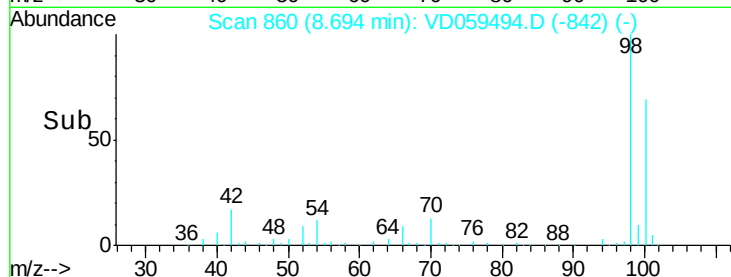
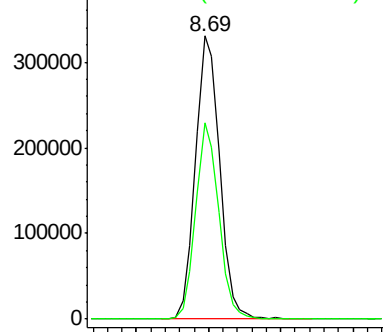


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059494.D
Acq: 29 Jun 2018 16:21

Tot Ion: 98 Resp: 769273
Ion Ratio Lower Upper
98 100
100 69.5 54.4 81.6

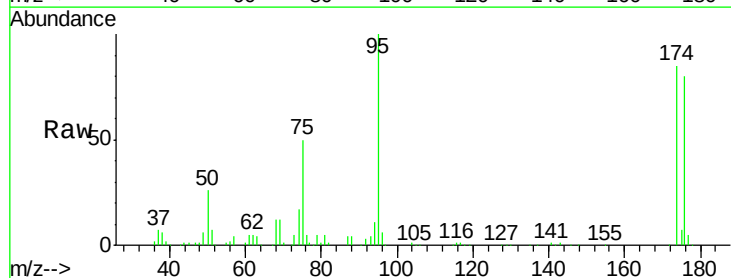


Abundance Ion 98.05 (97.75 to 98.75): VD059389.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD059389.D (-855) (-)

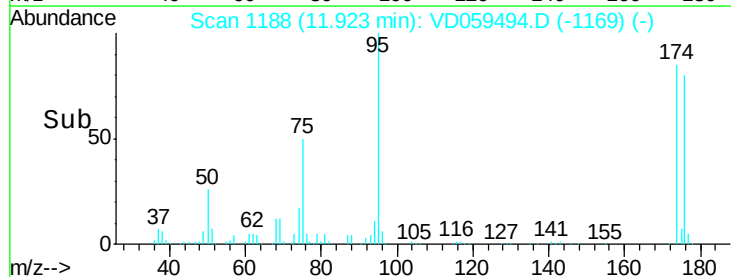
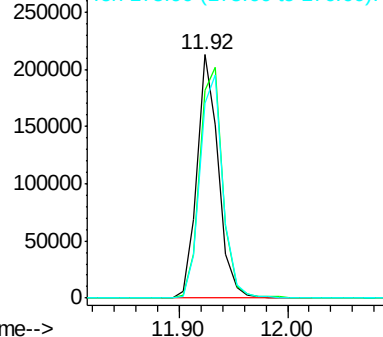


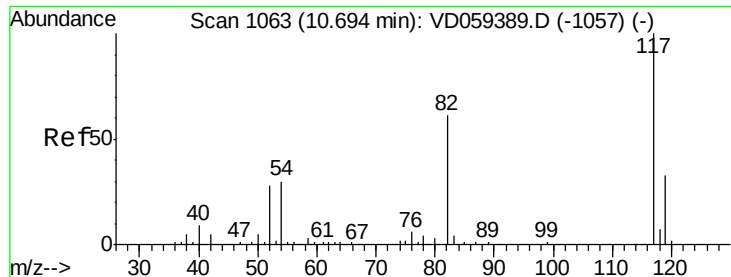
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059494.D
Acq: 29 Jun 2018 16:21

Tgt Ion: 95 Resp: 290433
Ion Ratio Lower Upper
95 100
174 85.2 0.0 190.4
176 80.1 0.0 183.2



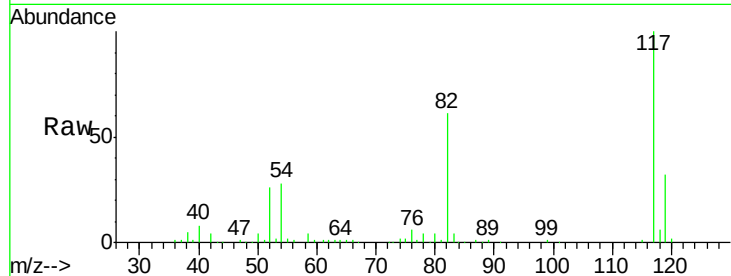
Abundance Ion 95.00 (94.70 to 95.70): VD059389.D (-1184) (-)
Ion 173.90 (173.60 to 174.60): VD059389.D (-1184) (-)
Ion 175.90 (175.60 to 176.60): VD059389.D (-1184) (-)



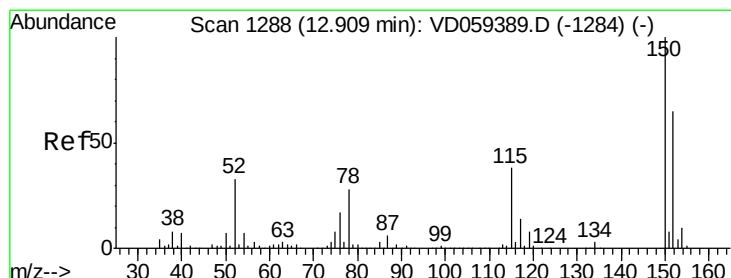
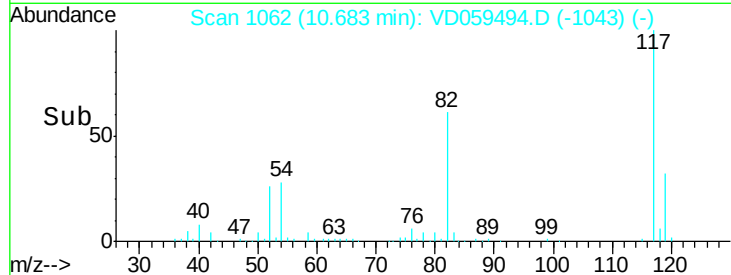
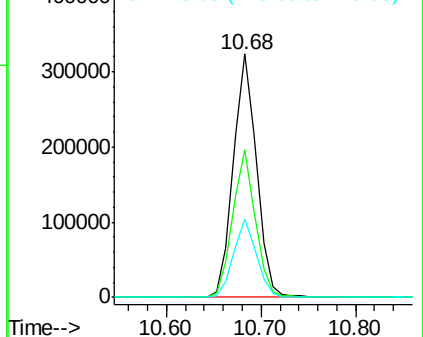


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059494.D
Acq: 29 Jun 2018 16:21

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.0	73.6
119	32.0	26.2	39.4

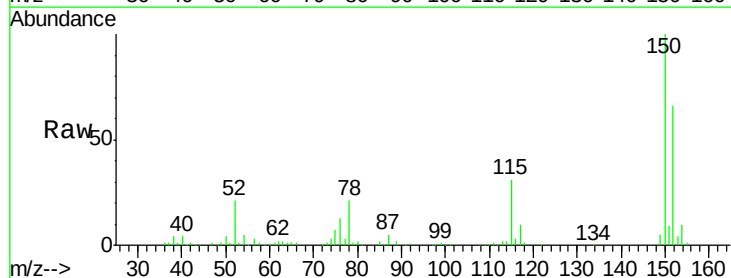


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059494.D
Acq: 29 Jun 2018 16:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	46.6	29.4	88.3
150	151.2	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

