

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059499.D
 Acq On : 29 Jun 2018 18:43
 Operator : VA/AP
 Sample : J3677-10RE
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

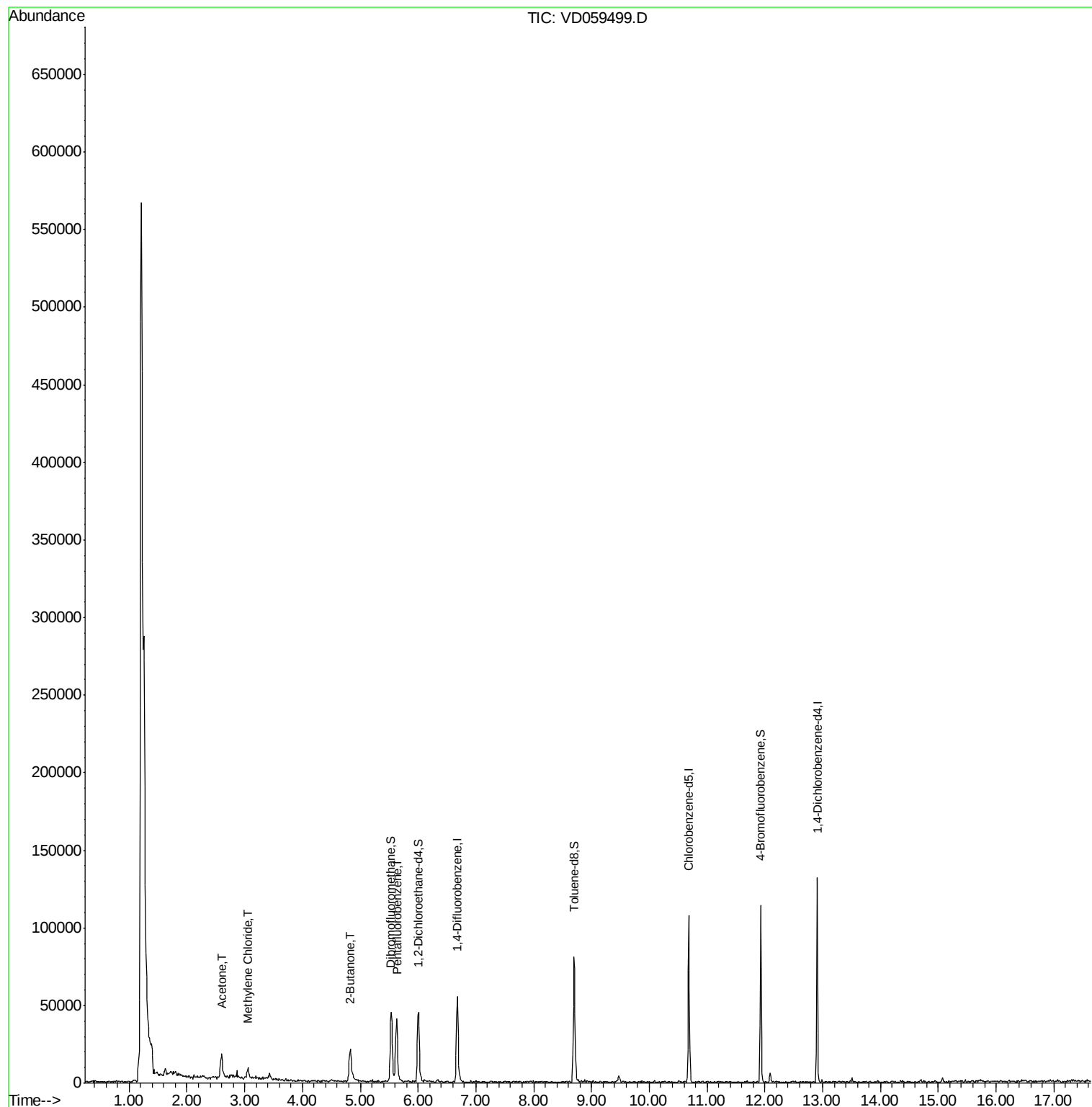
Quant Time: Jun 30 02:24:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

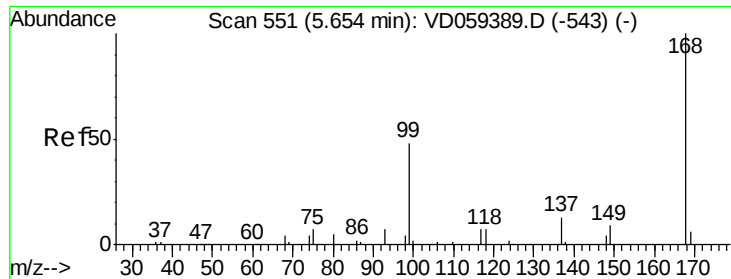
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	42257	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	59070	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	58353	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	33966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	45322	104.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	209.76%	
35) Dibromofluoromethane	5.53	113	36696	76.27	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	152.54%	
50) Toluene-d8	8.69	98	61946	55.07	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	110.14%	
62) 4-Bromofluorobenzene	11.92	95	33118	70.79	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	141.58%	
Target Compounds						
16) Acetone	2.59	43	26924m	493.66	ug/l	Qvalue
20) Methylene Chloride	3.05	84	2591	15.40	ug/l	88
25) 2-Butanone	4.83	43	14599	127.78	ug/l	96

(#) = 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: VD059499.D

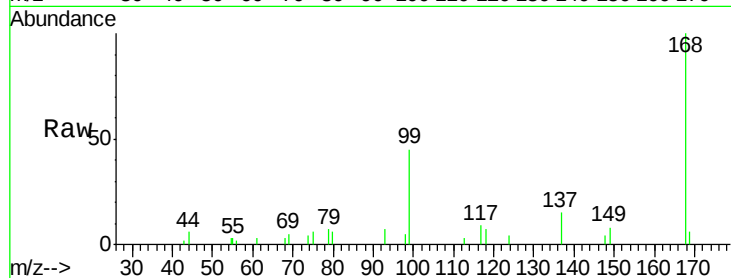
Acq: 29 Jun 2018 18:43

Tot Ion:168 Resp: 42257

Ion Ratio Lower Upper

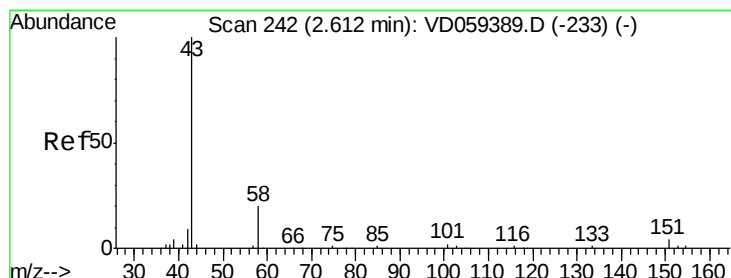
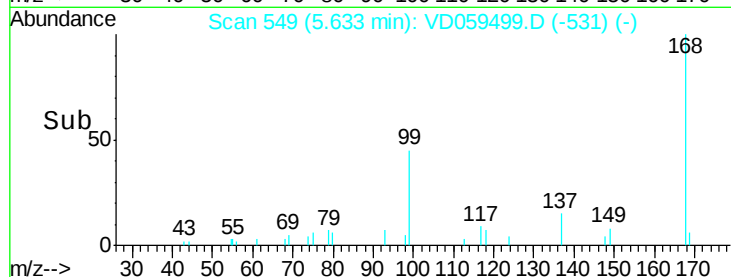
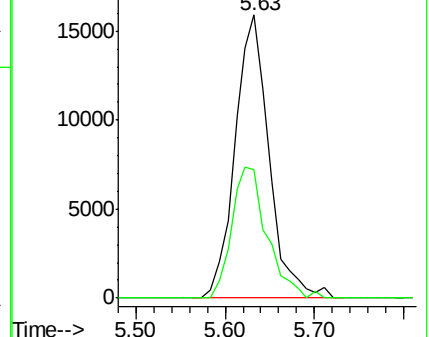
168 100

99 45.3 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: 493.66 ug/l m

RT: 2.59 min Scan# 240

Delta R.T. -0.02 min

Lab File: VD059499.D

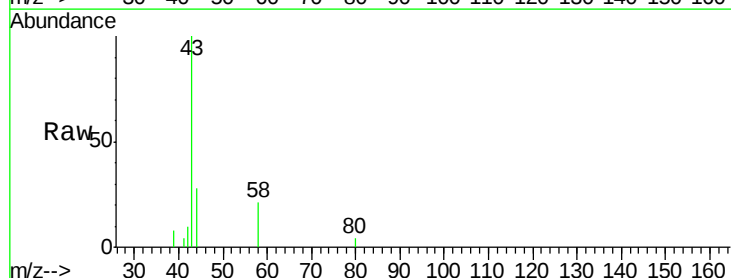
Acq: 29 Jun 2018 18:43

Tgt Ion: 43 Resp: 26924

Ion Ratio Lower Upper

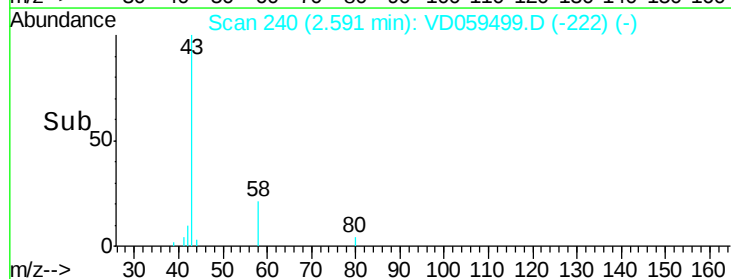
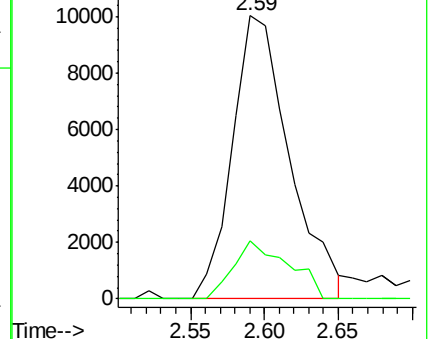
43 100

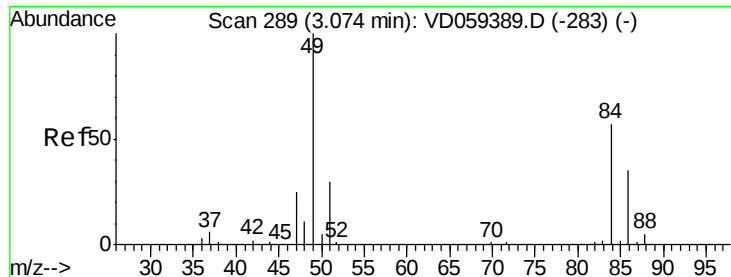
58 20.5 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

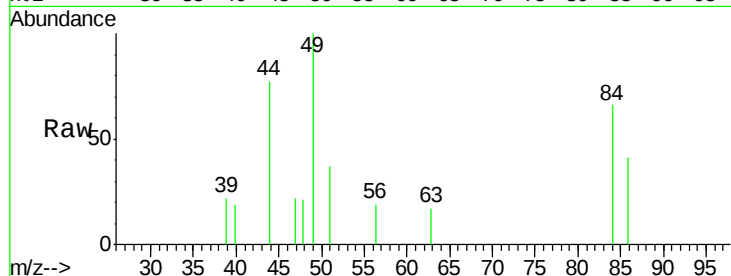
Ion 57.95 (57.65 to 58.65): VDC



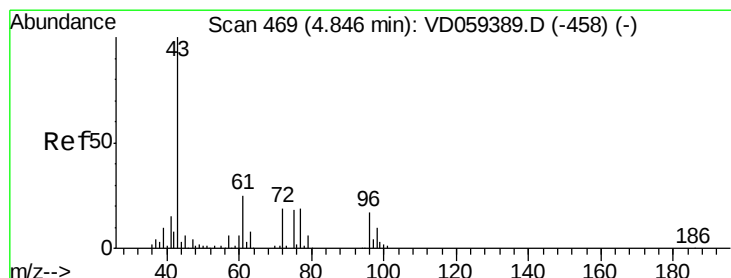
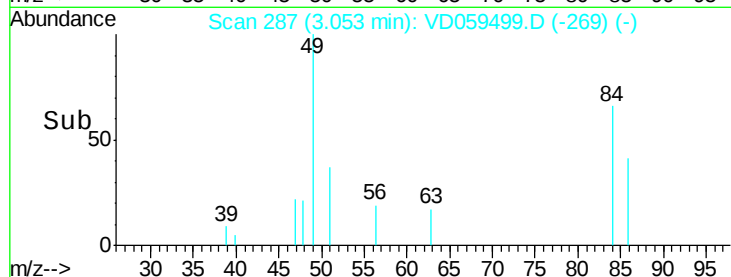
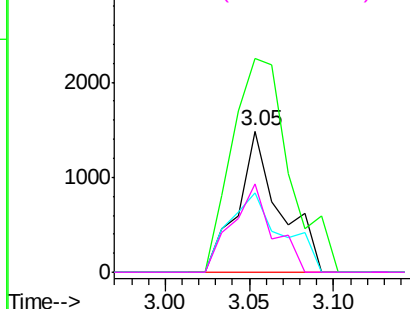


#20
Methylene Chloride
Concen: 15.40 ug/l
RT: 3.05 min Scan# 287
Delta R.T. -0.02 min
Lab File: VD059499.D
Acq: 29 Jun 2018 18:43

Tot Ion:	84	Resp:	2591
Ion	Ratio	Lower	Upper
84	100		
49	151.2	140.3	210.5
51	56.6	41.6	62.4
86	62.4	49.4	74.2

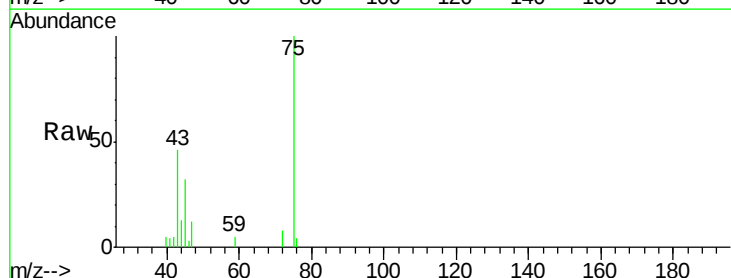


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

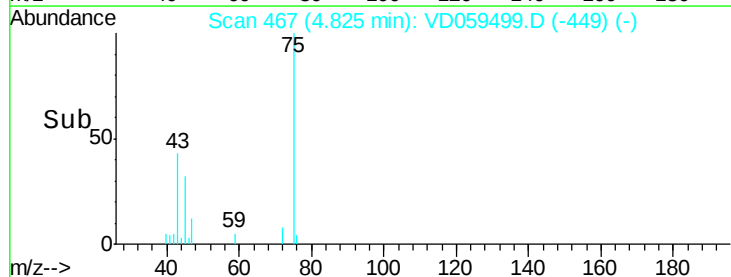
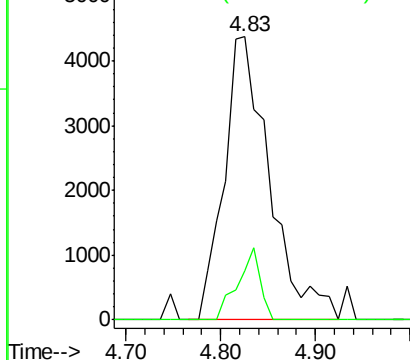


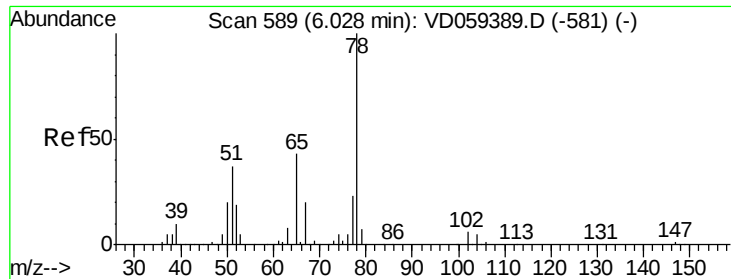
#25
2-Butanone
Concen: 127.78 ug/l
RT: 4.83 min Scan# 467
Delta R.T. -0.02 min
Lab File: VD059499.D
Acq: 29 Jun 2018 18:43

Tgt Ion:	43	Resp:	14599
Ion	Ratio	Lower	Upper
43	100		
72	17.5	15.4	23.2



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): 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: VD059499.D

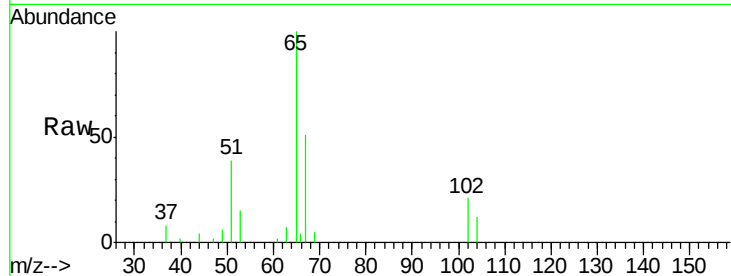
Acq: 29 Jun 2018 18:43

Tot Ion: 65 Resp: 45322

Ion Ratio Lower Upper

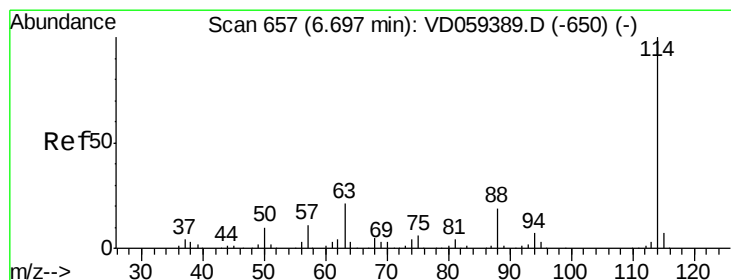
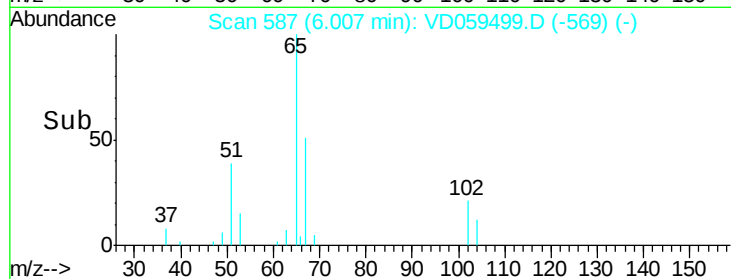
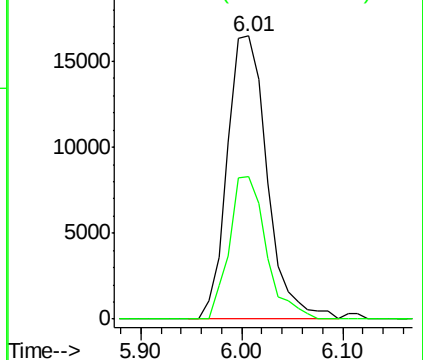
65 100

67 50.5 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: VD059499.D

Acq: 29 Jun 2018 18:43

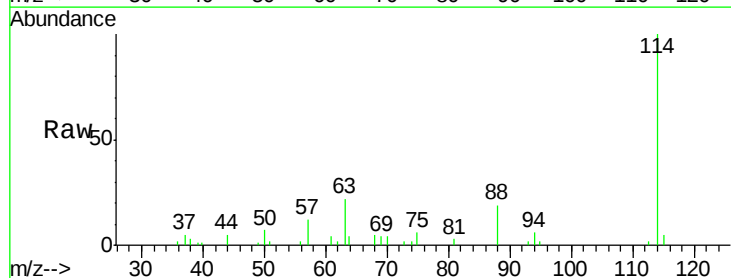
Tgt Ion: 114 Resp: 59070

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.4

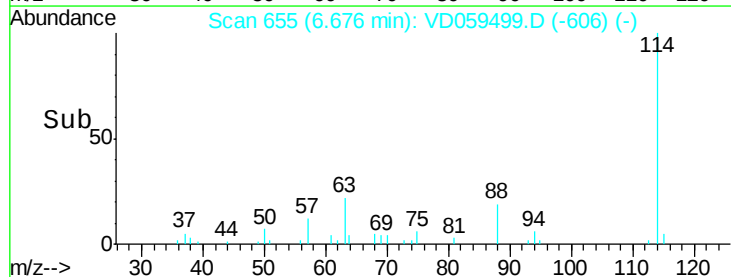
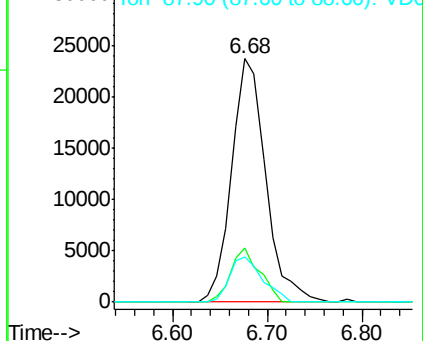
88 18.6 0.0 38.0

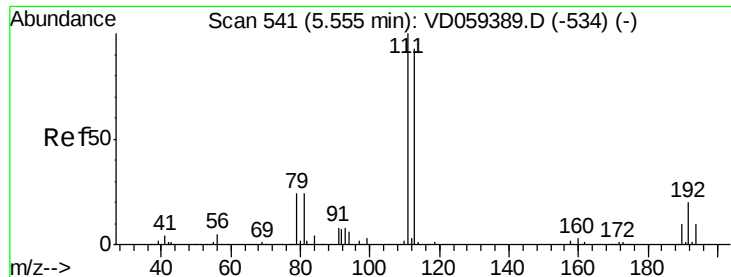


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

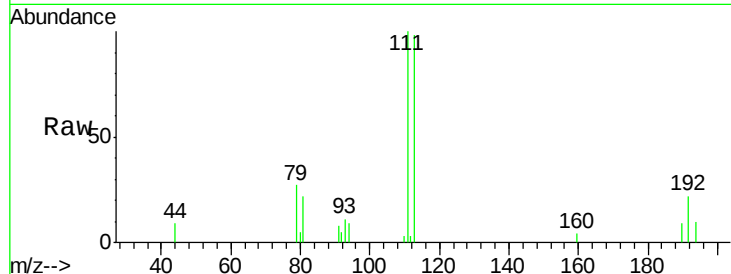
Ion 87.90 (87.60 to 88.60): VDC



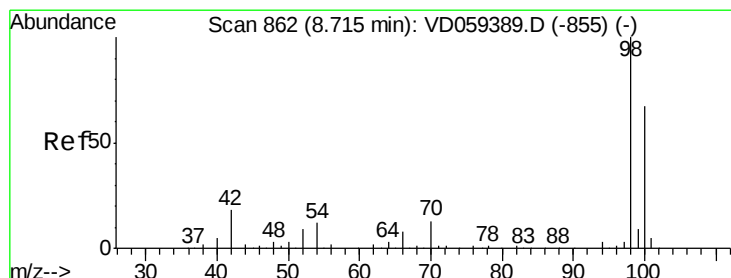
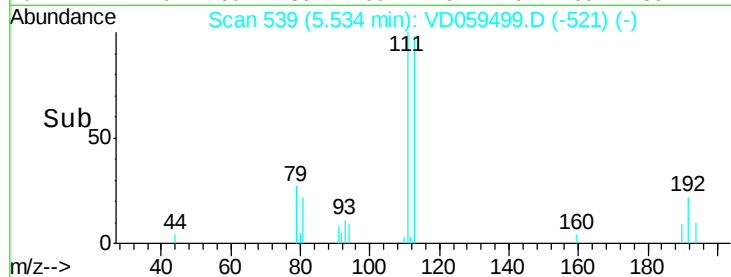
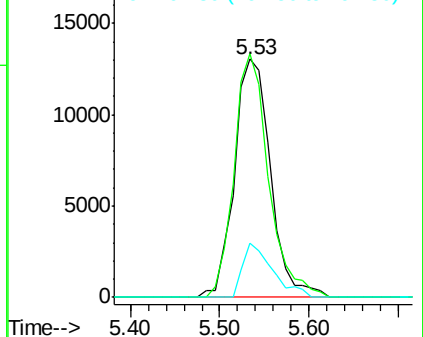


#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.53 min Scan# 539
Delta R.T. -0.02 min
Lab File: VD059499.D
Acq: 29 Jun 2018 18:43

Tot Ion:113 Resp: 36696
Ion Ratio Lower Upper
113 100
111 102.2 85.7 128.5
192 22.9 16.9 25.3

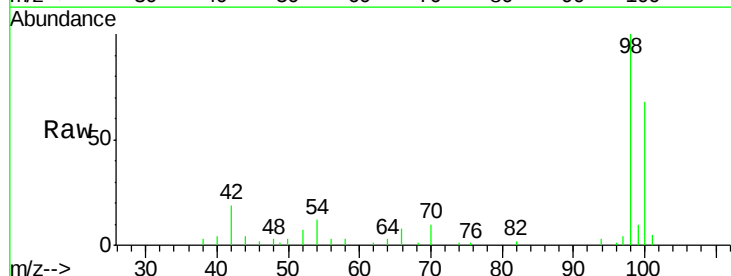


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

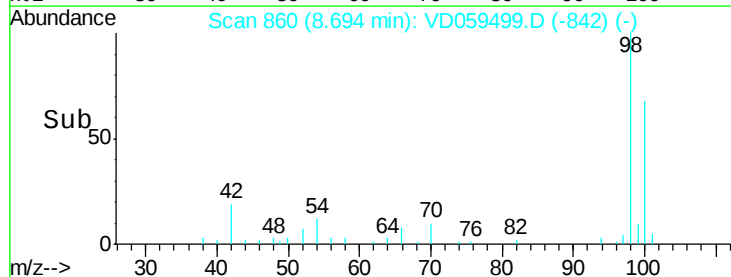
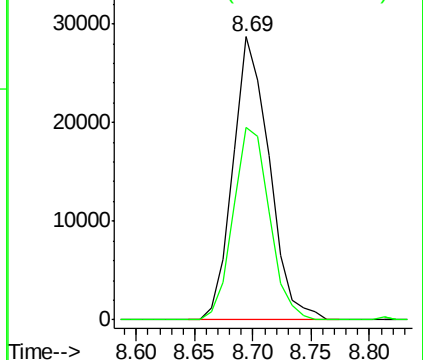


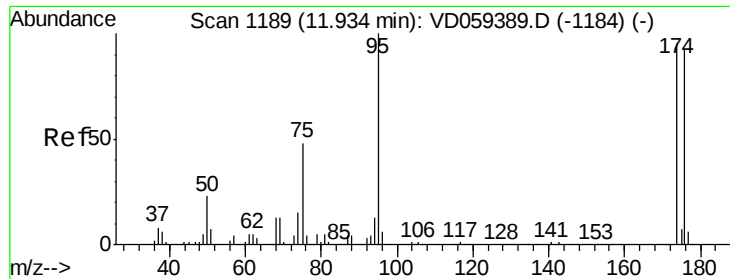
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059499.D
Acq: 29 Jun 2018 18:43

Tgt Ion: 98 Resp: 61946
Ion Ratio Lower Upper
98 100
100 68.2 54.4 81.6



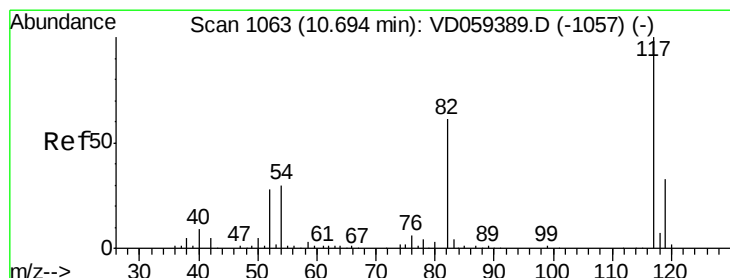
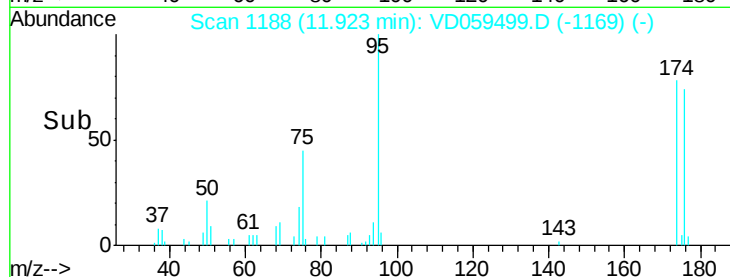
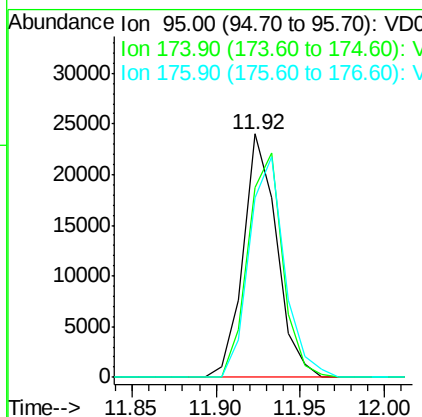
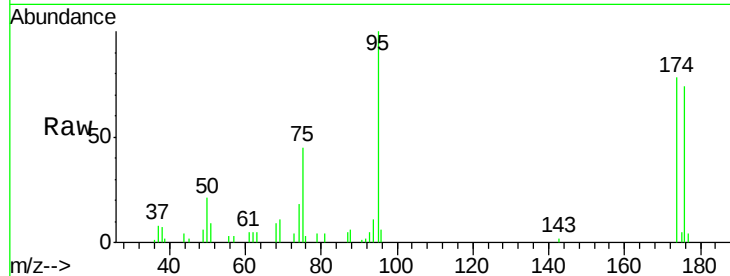
Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





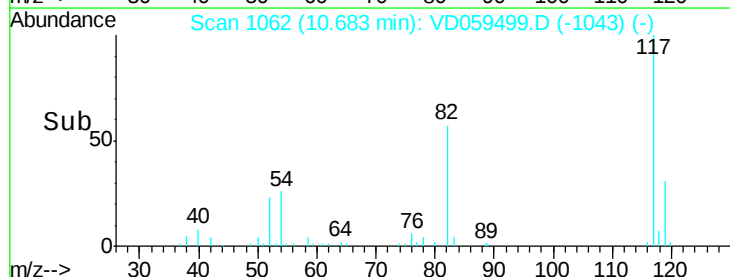
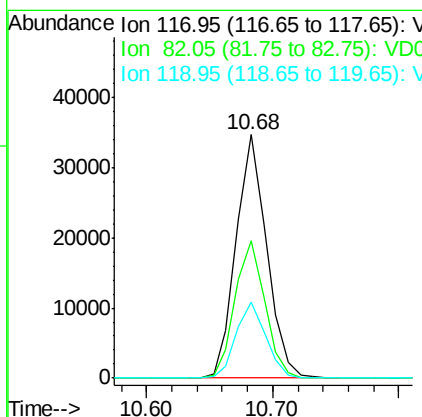
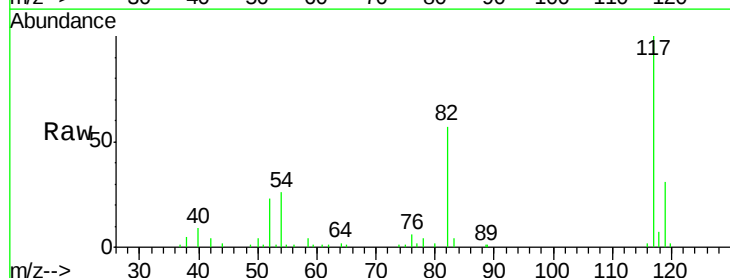
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 11.92 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: VD059499.D
 Acq: 29 Jun 2018 18:43

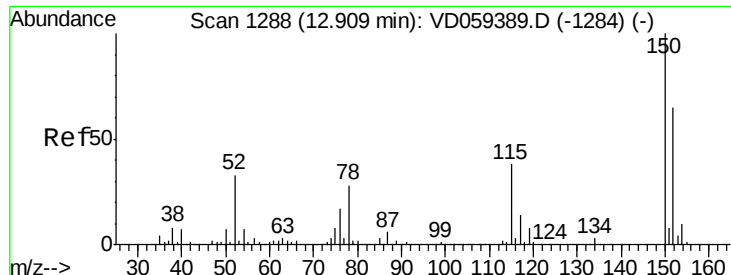
Tot Ion: 95 Resp: 33118
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 190.4
 176 73.9 0.0 183.2



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.68 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: VD059499.D
 Acq: 29 Jun 2018 18:43

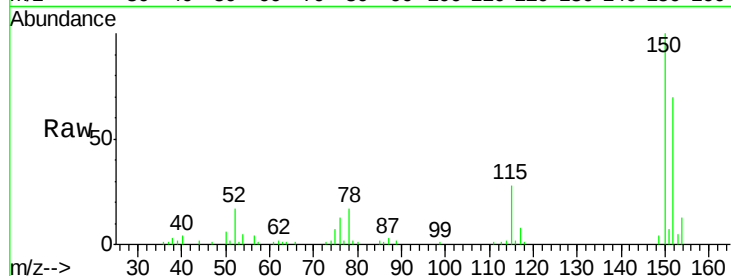
Tgt Ion: 117 Resp: 58353
 Ion Ratio Lower Upper
 117 100
 82 56.6 49.0 73.6
 119 31.4 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.91 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VD059499.D
 Acq: 29 Jun 2018 18:43

Tot Ion	Ratio	Lower	Upper
152	100		
115	40.4	29.4	88.3
150	143.0	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

