

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059498.D
 Acq On : 29 Jun 2018 18:15
 Operator : VA/AP
 Sample : J3677-10
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

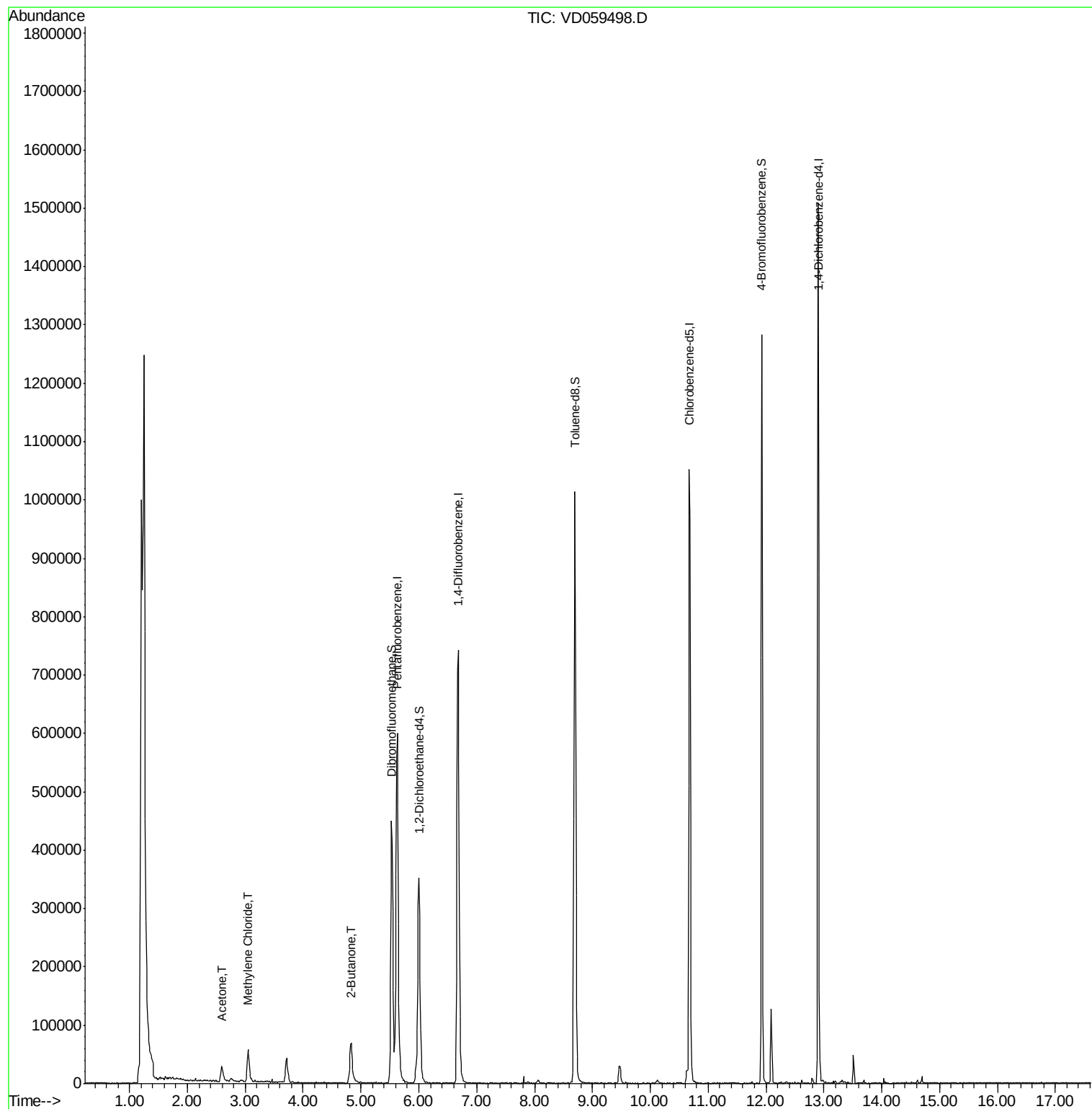
Quant Time: Jun 30 01:46:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

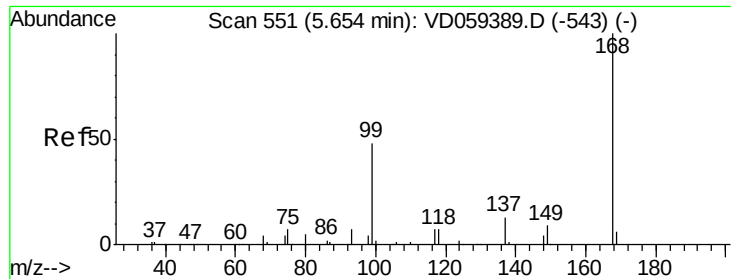
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	601094	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	785701	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	604258	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	317714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	325698	52.98	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	105.96%	
35) Dibromofluoromethane	5.53	113	351003	54.85	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	109.70%	
50) Toluene-d8	8.70	98	792463	52.97	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	11.93	95	311098	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
Target Compounds						
16) Acetone	2.59	43	50848	65.54	ug/l	Qvalue 100
20) Methylene Chloride	3.05	84	24482	9.35	ug/l #	91
25) 2-Butanone	4.82	43	28159	17.33	ug/l	94

(#) = 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: VD059498.D

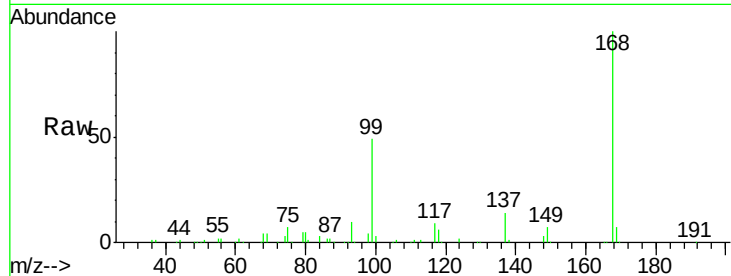
Acq: 29 Jun 2018 18:15

Tot Ion:168 Resp: 601094

Ion Ratio Lower Upper

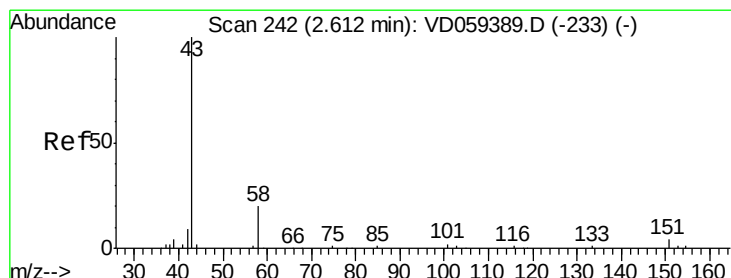
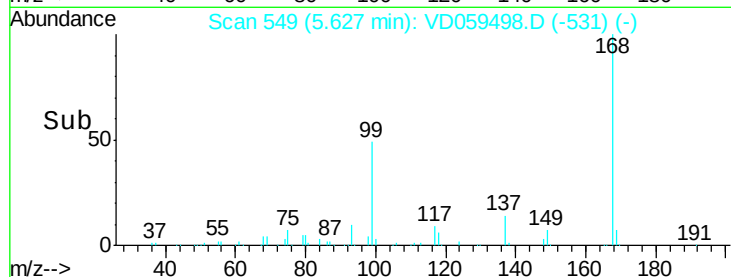
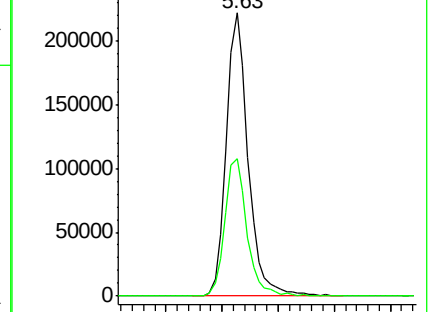
168 100

99 48.7 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: 65.54 ug/l

RT: 2.59 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD059498.D

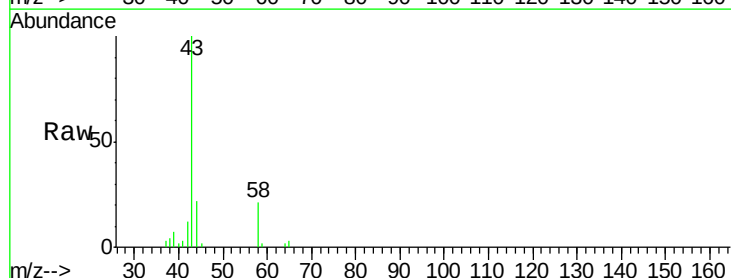
Acq: 29 Jun 2018 18:15

Tgt Ion: 43 Resp: 50848

Ion Ratio Lower Upper

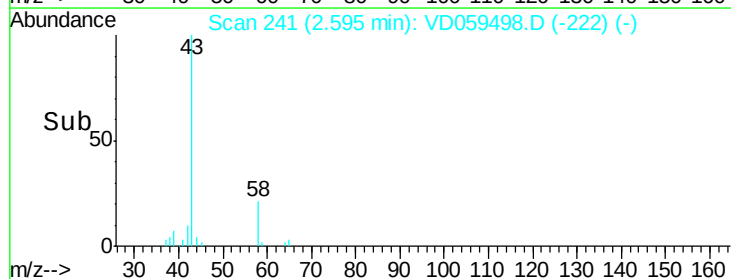
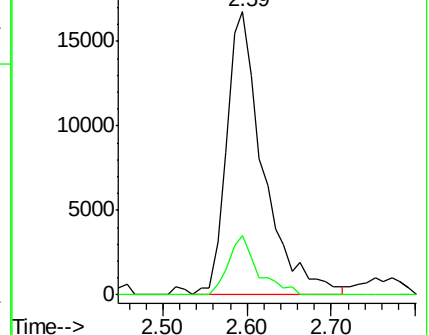
43 100

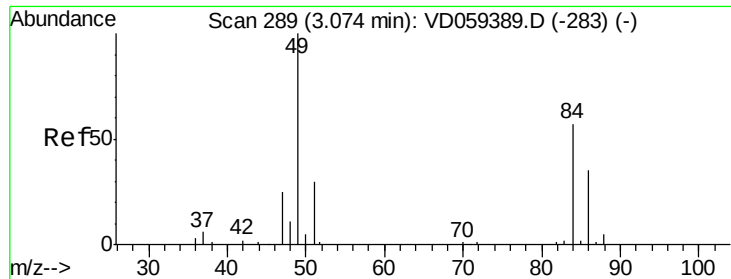
58 20.8 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

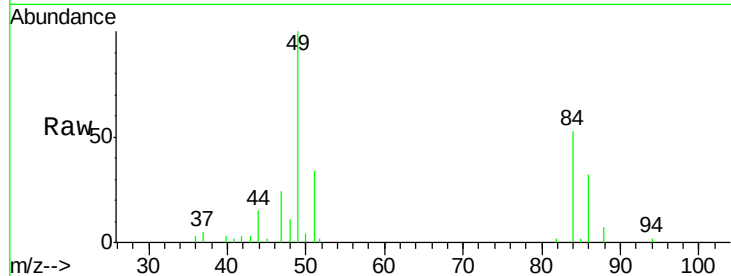
Ion 57.95 (57.65 to 58.65): VDC





#20
Methylene Chloride
Concen: 9.35 ug/l
RT: 3.05 min Scan# 287
Delta R.T. -0.03 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tot Ion	84	Resp	24482
Ion Ratio	Lower	Upper	
84	100		
49	189.6	140.3	210.5
51	63.9	41.6	62.4
86	60.9	49.4	74.2



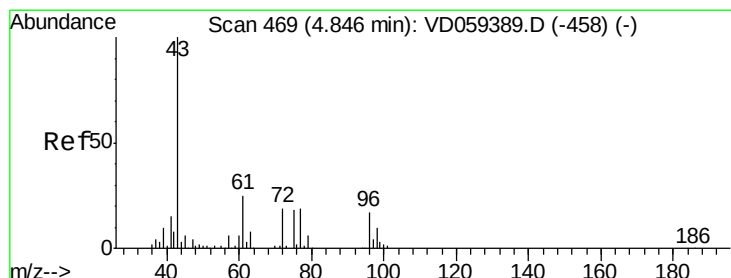
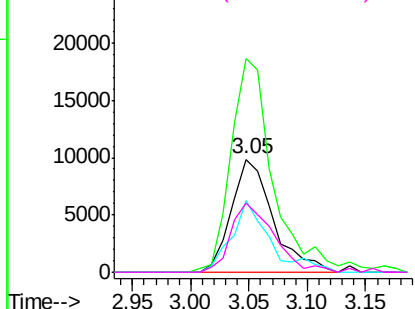
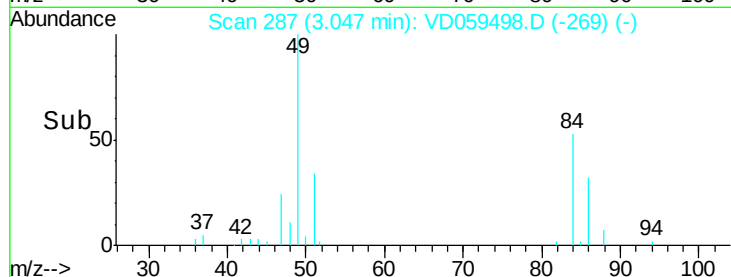
Abundance

Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

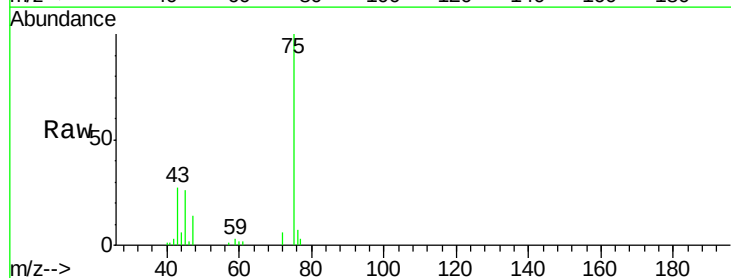
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#25
2-Butanone
Concen: 17.33 ug/l
RT: 4.82 min Scan# 467
Delta R.T. -0.03 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

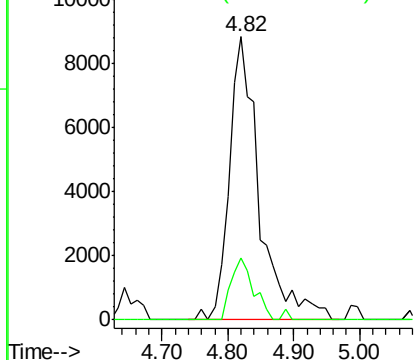
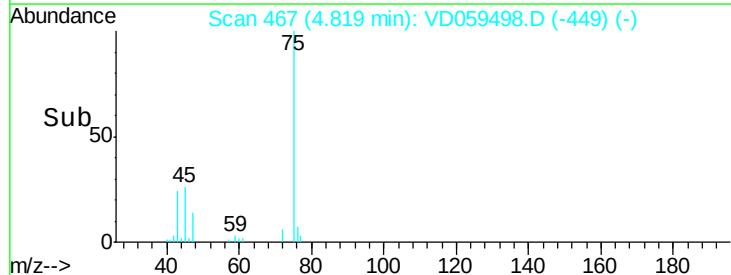
Tgt Ion	43	Resp	28159
Ion Ratio	Lower	Upper	
43	100		
72	22.0	15.4	23.2

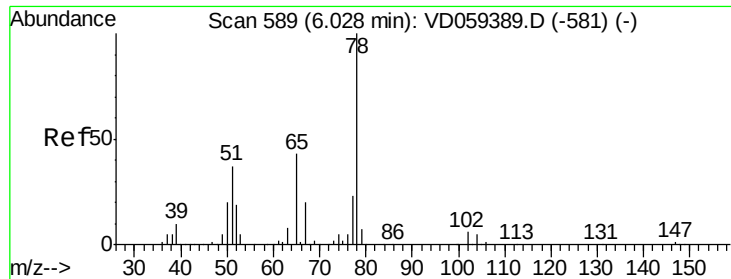


Abundance

Ion 42.95 (42.65 to 43.65): VDC

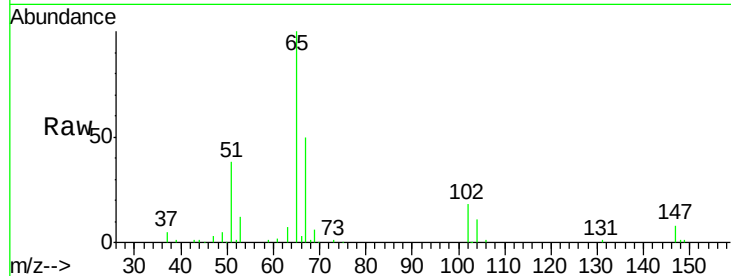
Ion 72.00 (71.70 to 72.70): VDC



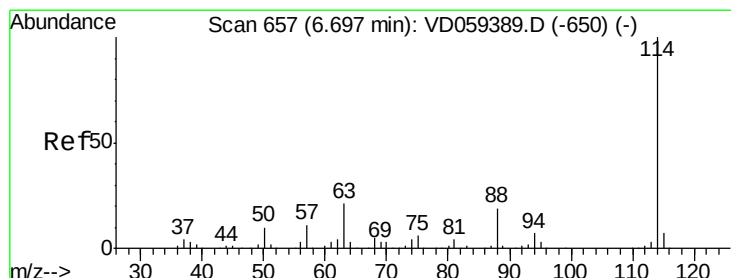
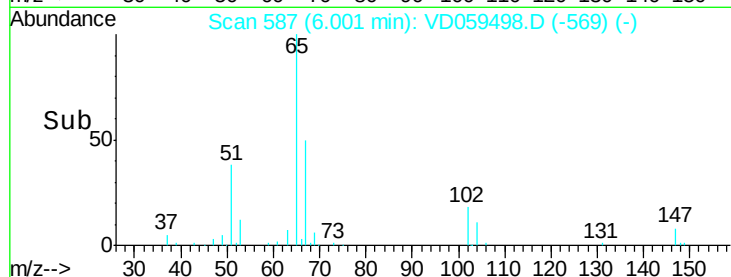
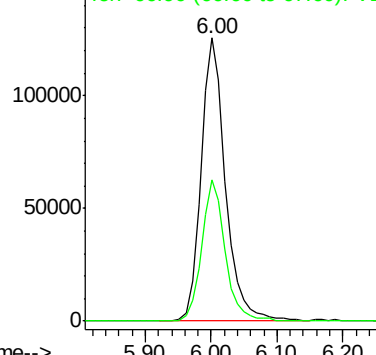


#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. -0.03 min
 Lab File: VD059498.D
 Acq: 29 Jun 2018 18:15

Tot Ion: 65 Resp: 325698
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 93.8

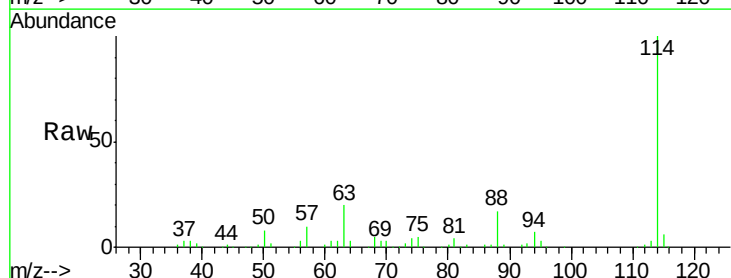


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

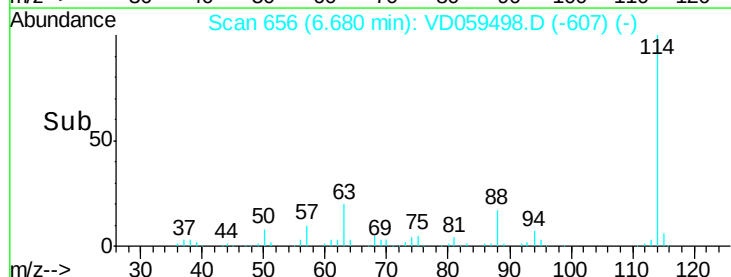
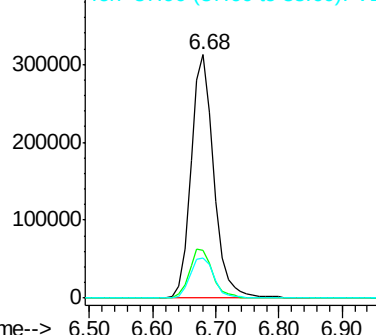


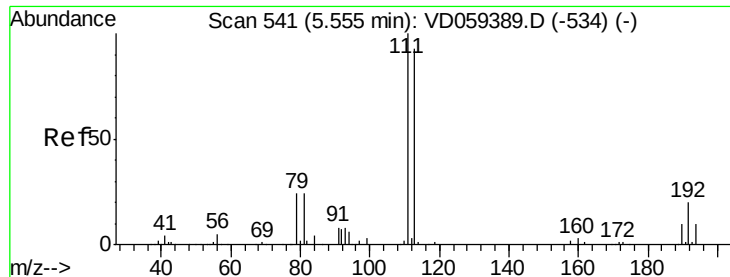
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD059498.D
 Acq: 29 Jun 2018 18:15

Tgt Ion: 114 Resp: 785701
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 16.6 0.0 38.0



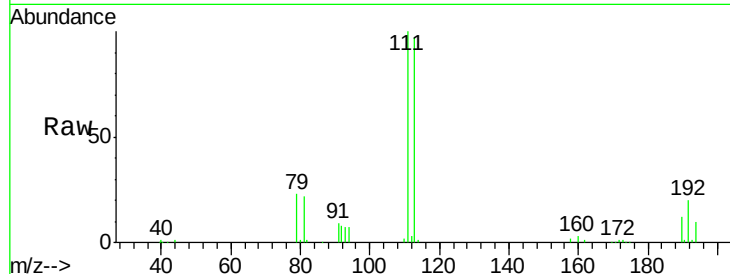
Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC



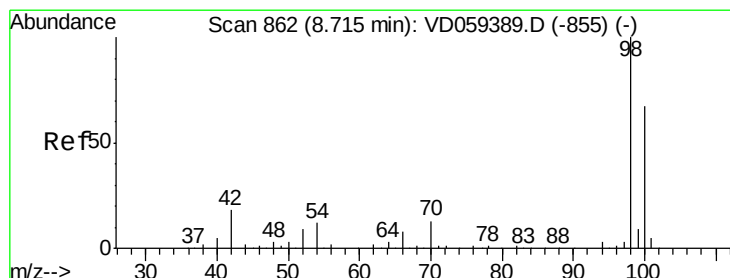
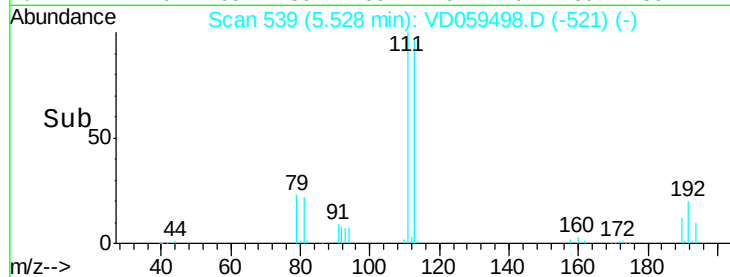
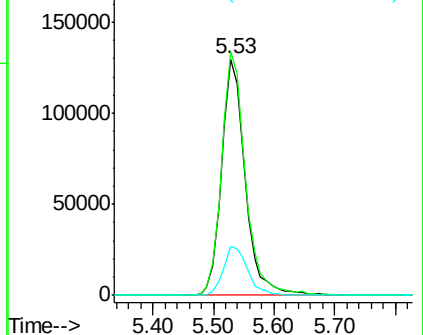


#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.53 min Scan# 539
Delta R.T. -0.03 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tot Ion:113 Resp: 351003
Ion Ratio Lower Upper
113 100
111 103.2 85.7 128.5
192 20.8 16.9 25.3

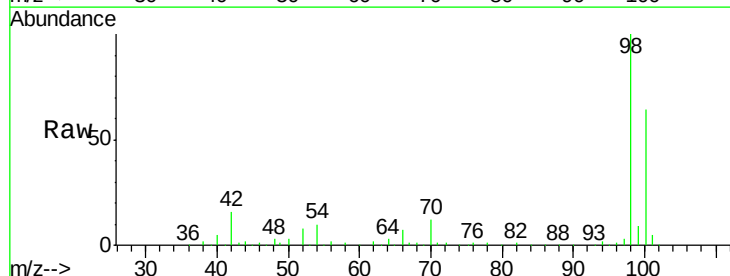


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

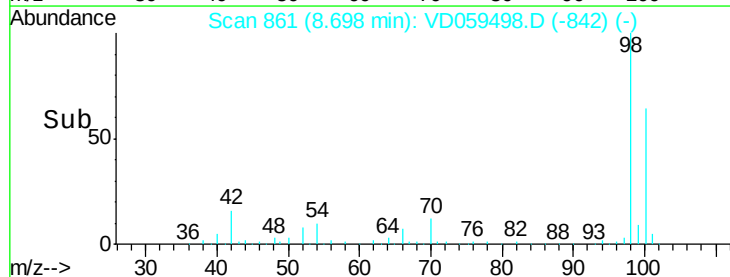
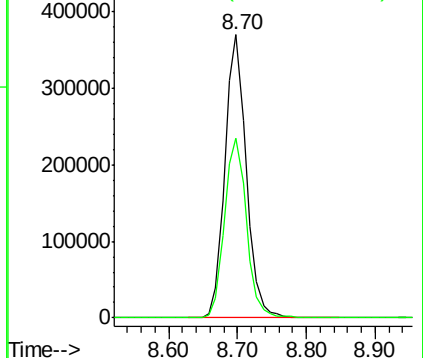


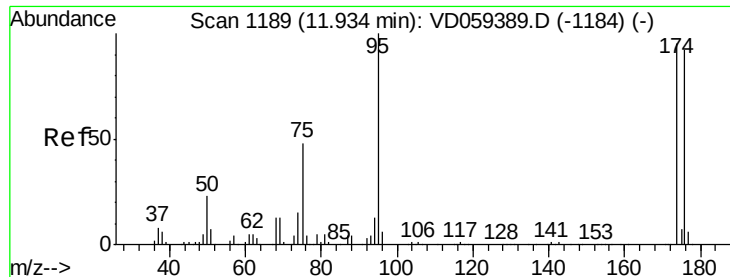
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.02 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 98 Resp: 792463
Ion Ratio Lower Upper
98 100
100 63.5 54.4 81.6



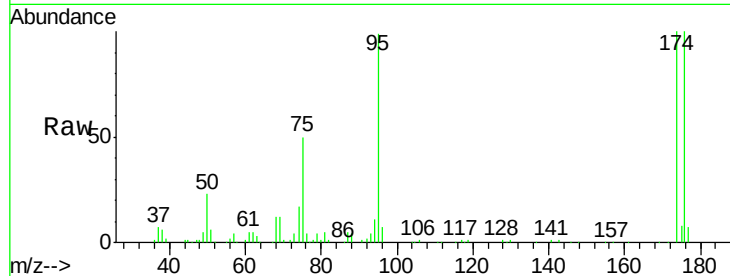
Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

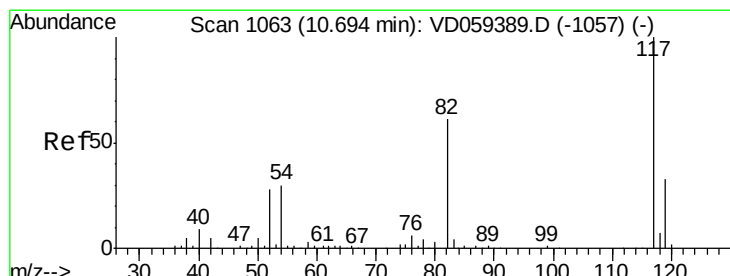
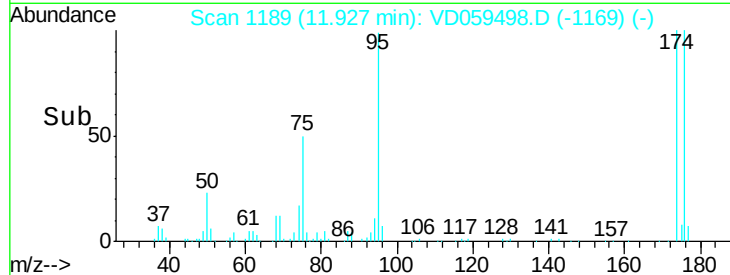
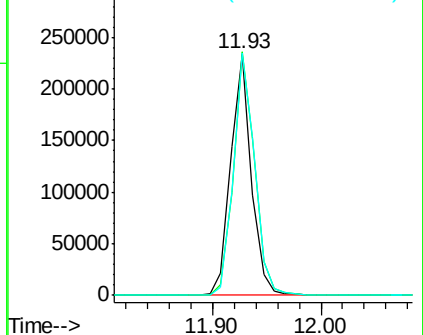
Tot Ion	95	Resp	311098
Ion	Ratio	Lower	Upper
95	100		
174	101.0	0.0	190.4
176	100.7	0.0	183.2



Abundance Ion 95.00 (94.70 to 95.70): V

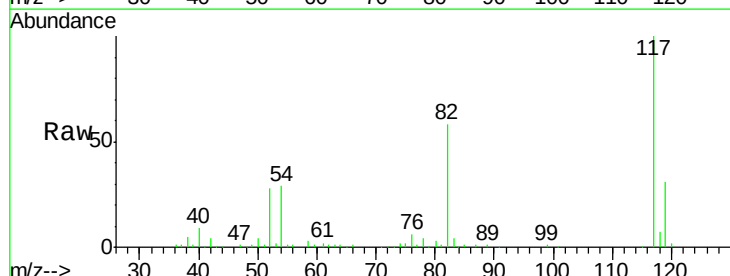
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.02 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

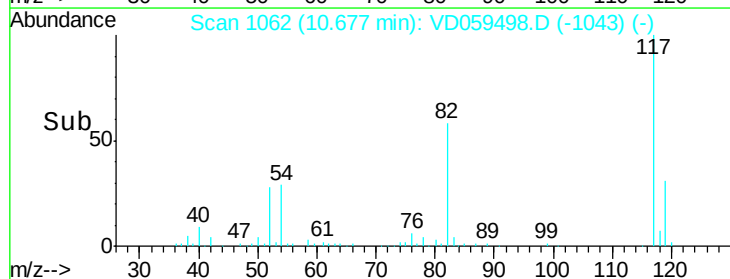
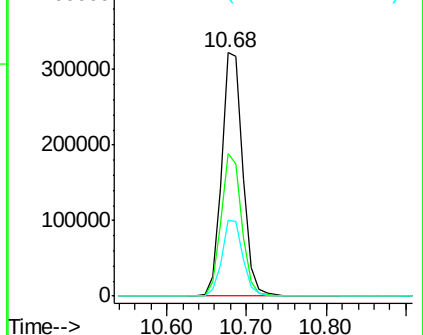
Tgt Ion	117	Resp	604258
Ion	Ratio	Lower	Upper
117	100		
82	58.4	49.0	73.6
119	31.1	26.2	39.4

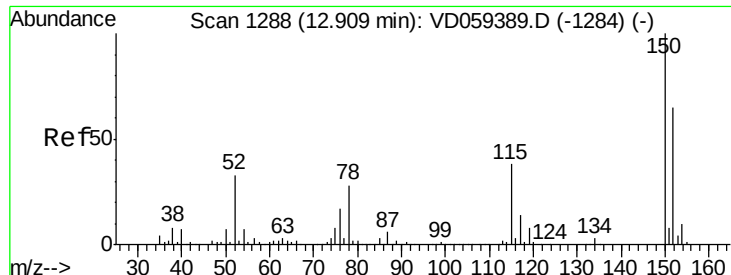


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD059498.D
 Acq: 29 Jun 2018 18:15

Tot Ion:152	Resp:	317714	
Ion Ratio	Lower	Upper	
152	100		
115	54.1	29.4	88.3
150	159.4	0.0	308.2

