

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059491.D
 Acq On : 29 Jun 2018 14:56
 Operator : VA/AP
 Sample : J3248-07
 Misc : 6.67g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 30 01:13:00 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	587668	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	777799	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	593812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	292913	50.00	ug/l	0.00

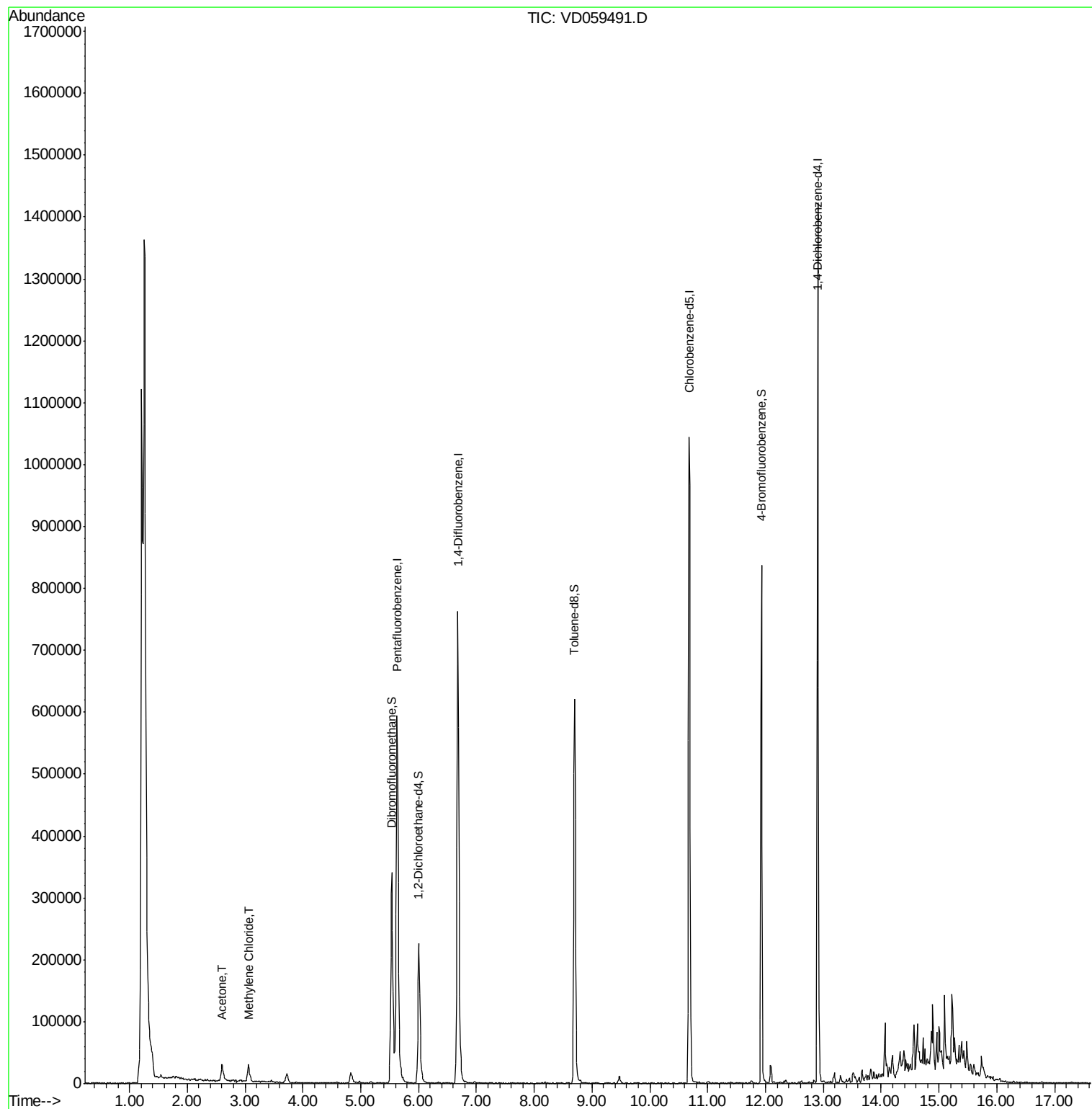
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	223902	37.26	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	74.52%	
35) Dibromofluoromethane	5.54	113	266464	42.06	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	84.12%	
50) Toluene-d8	8.70	98	474771	32.06	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	64.12%	
62) 4-Bromofluorobenzene	11.93	95	222168	36.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.12%	

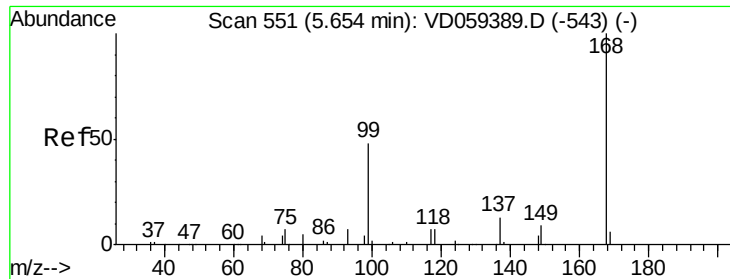
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	58086	76.58	ug/l	94
20) Methylene Chloride	3.06	84	12149	3.45	ug/l	# 92

(#) = 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: VD059491.D

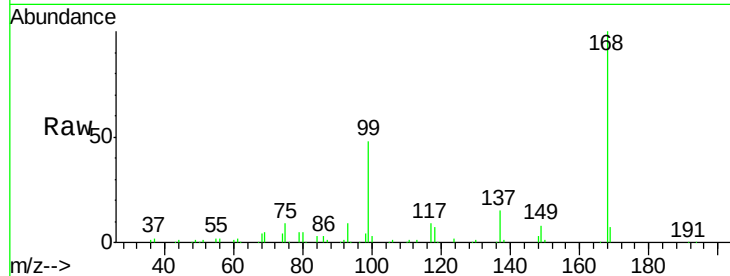
Acq: 29 Jun 2018 14:56

Tot Ion:168 Resp: 587668

Ion Ratio Lower Upper

168 100

99 48.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

250000

200000

150000

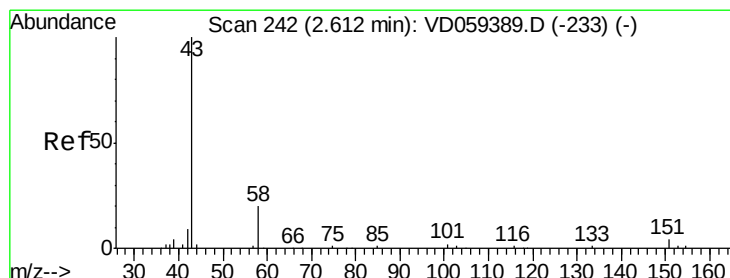
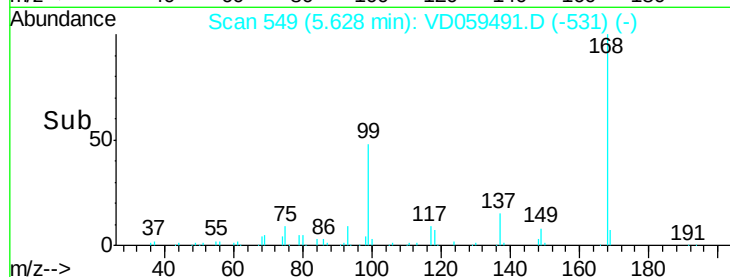
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 76.58 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD059491.D

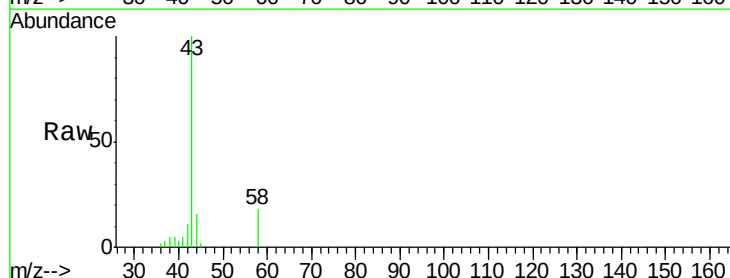
Acq: 29 Jun 2018 14:56

Tgt Ion: 43 Resp: 58086

Ion Ratio Lower Upper

43 100

58 18.4 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.60

20000

15000

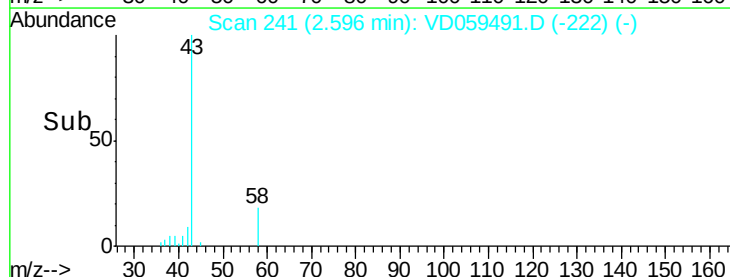
10000

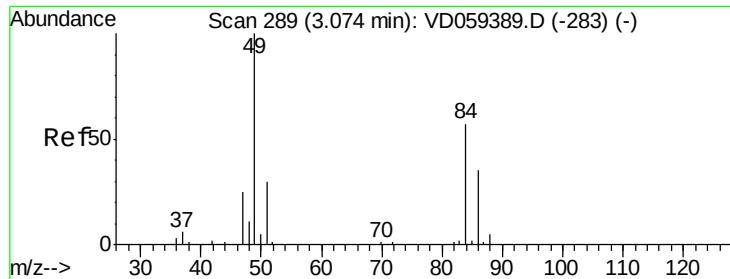
5000

0

2.50 2.60 2.70

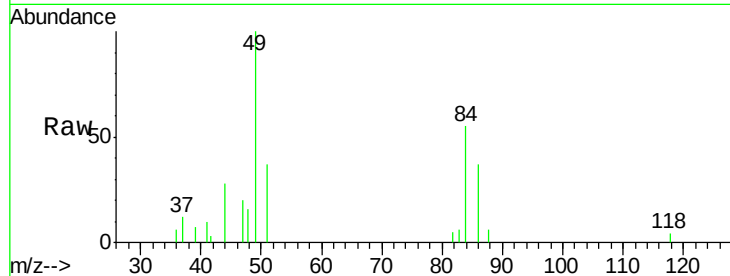
Time-->



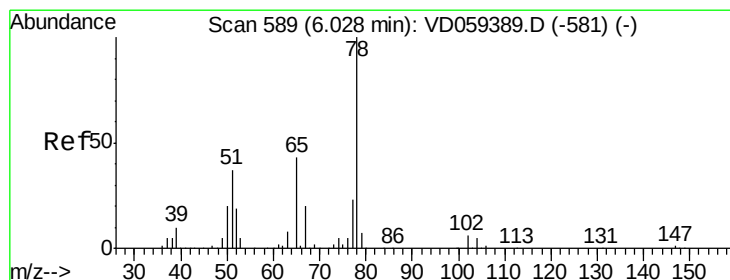
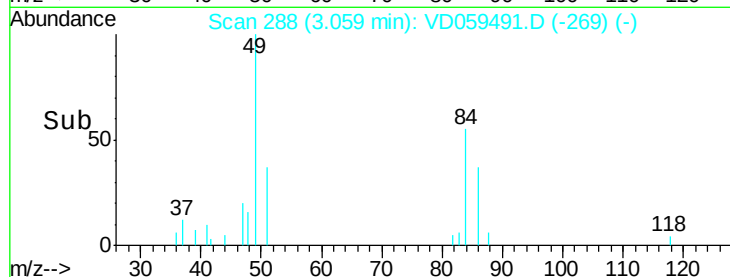
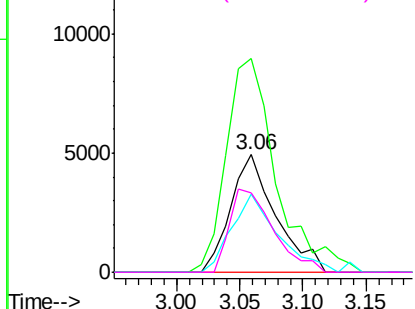


#20
Methylene Chloride
Concen: 3.45 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.02 min
Lab File: VD059491.D
Acq: 29 Jun 2018 14:56

Tot Ion: 84 Resp: 12149
Ion Ratio Lower Upper
84 100
49 182.3 140.3 210.5
51 67.2 41.6 62.4#
86 67.2 49.4 74.2

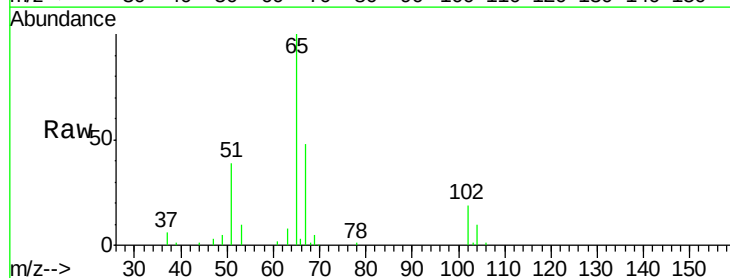


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

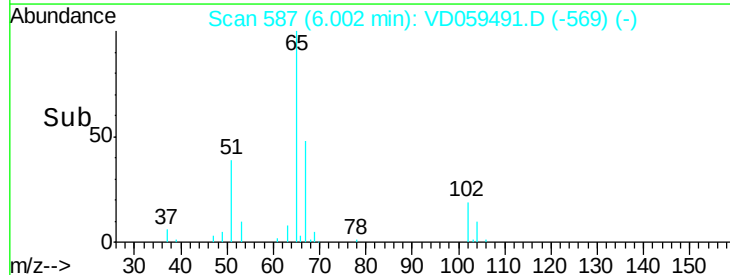
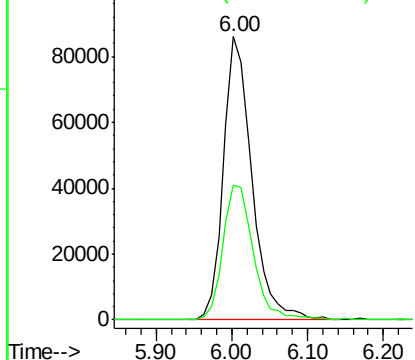


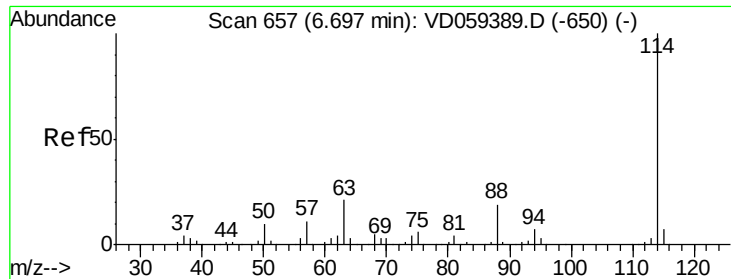
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.03 min
Lab File: VD059491.D
Acq: 29 Jun 2018 14:56

Tgt Ion: 65 Resp: 223902
Ion Ratio Lower Upper
65 100
67 47.9 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: VD059491.D

Acq: 29 Jun 2018 14:56

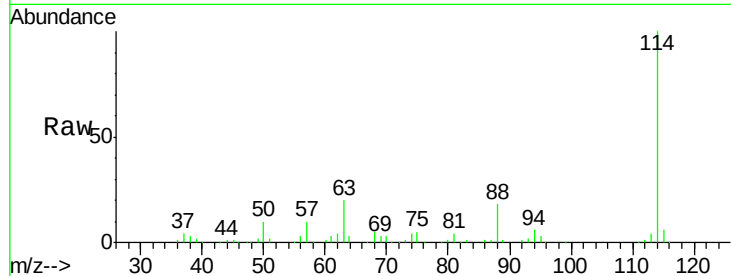
Tot Ion:114 Resp: 777799

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

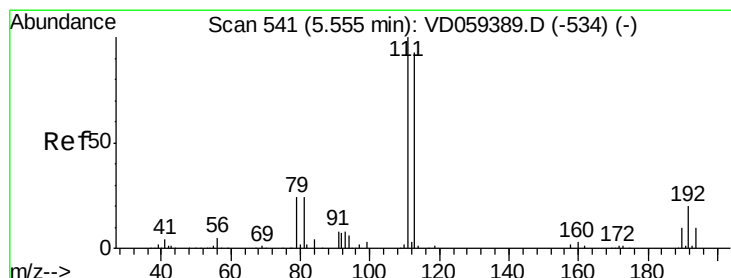
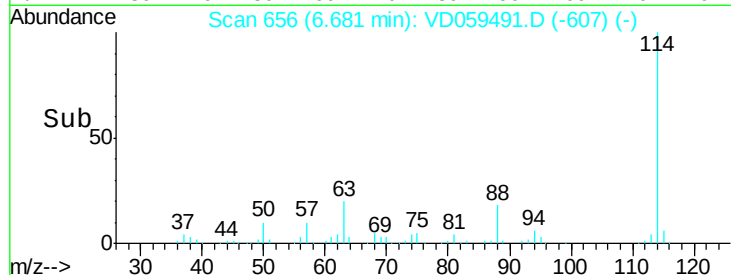
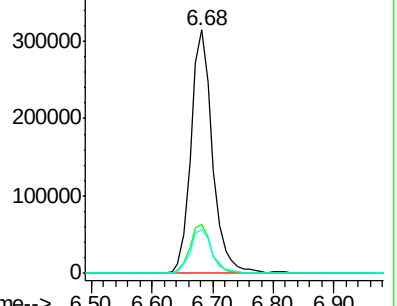
88 18.2 0.0 38.0



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: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD059491.D

Acq: 29 Jun 2018 14:56

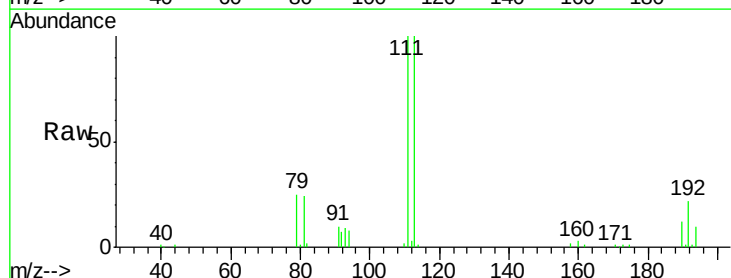
Tgt Ion:113 Resp: 266464

Ion Ratio Lower Upper

113 100

111 100.0 85.7 128.5

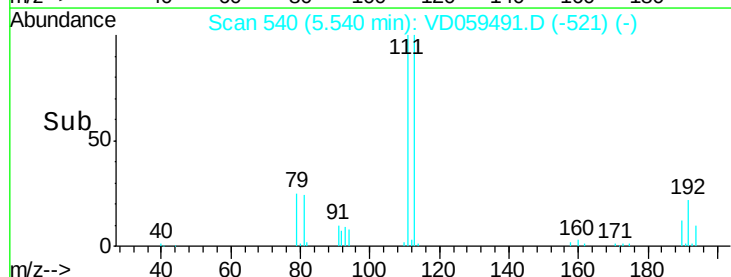
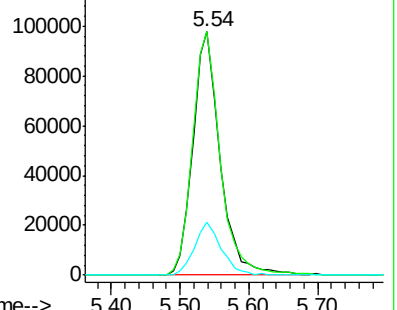
192 21.5 16.9 25.3

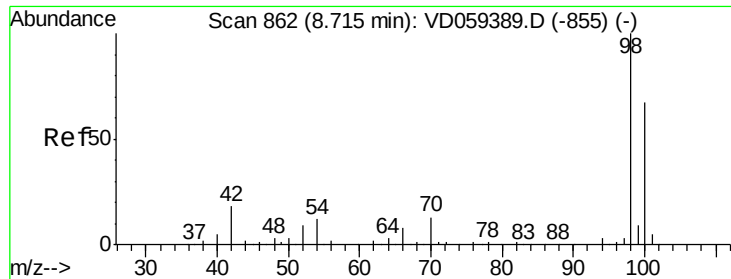


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

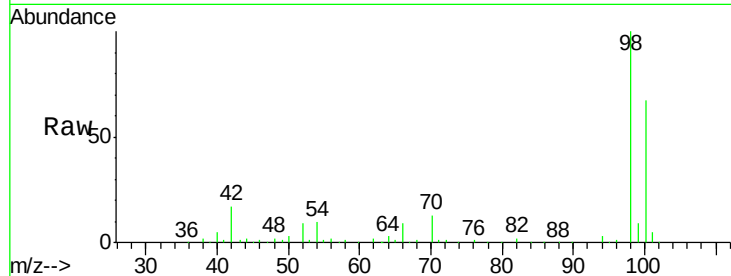
Ion 191.80 (191.50 to 192.50): V



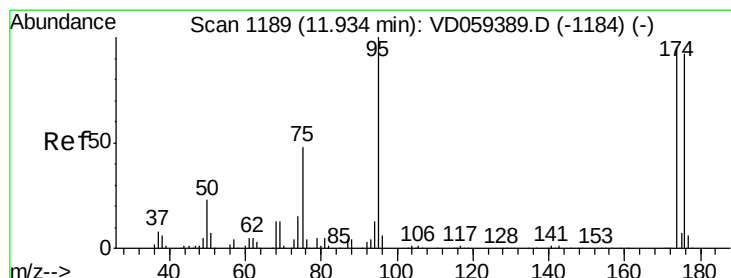
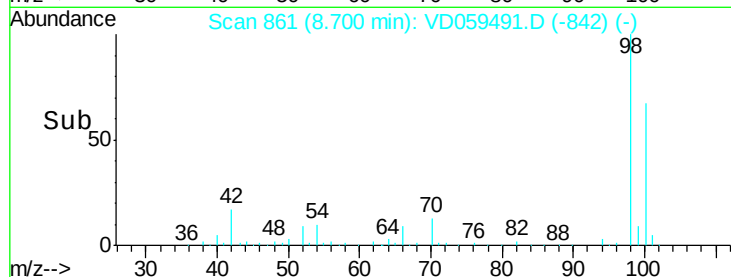
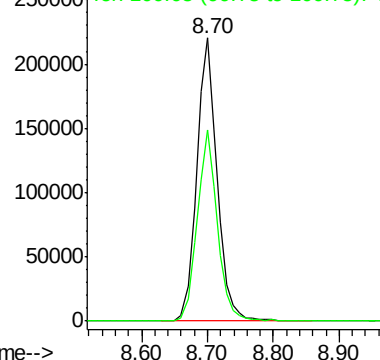


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.02 min
Lab File: VD059491.D
Acq: 29 Jun 2018 14:56

Tot Ion: 98 Resp: 474771
Ion Ratio Lower Upper
98 100
100 67.4 54.4 81.6

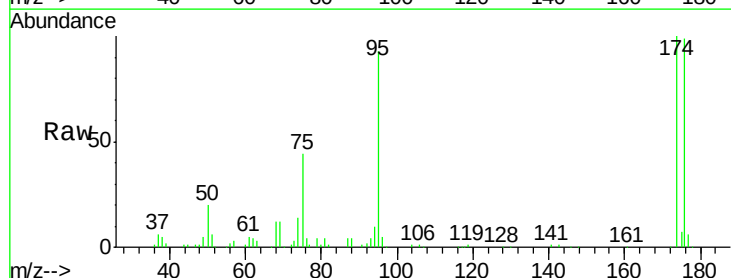


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

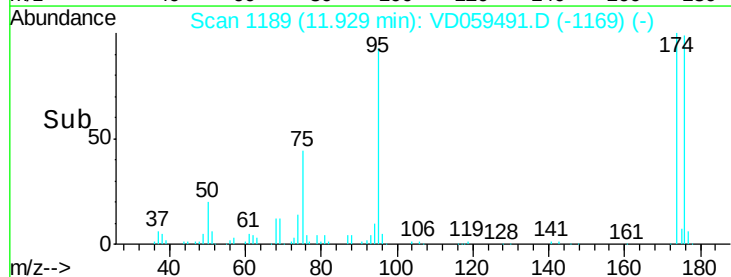
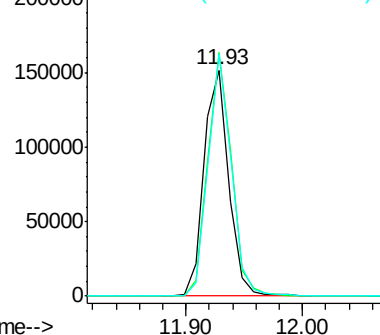


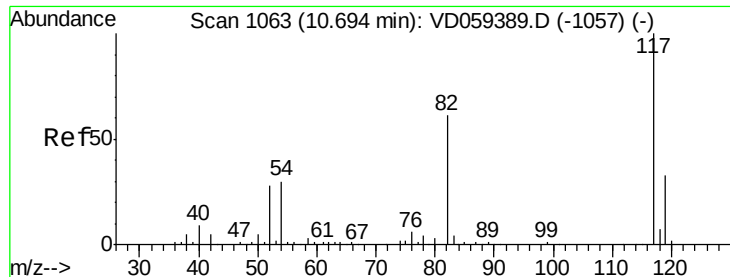
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059491.D
Acq: 29 Jun 2018 14:56

Tgt Ion: 95 Resp: 222168
Ion Ratio Lower Upper
95 100
174 107.8 0.0 190.4
176 107.3 0.0 183.2



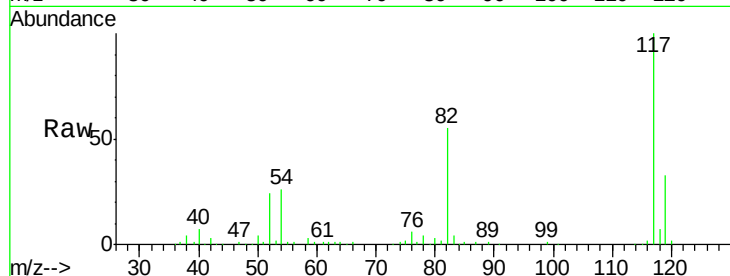
Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V



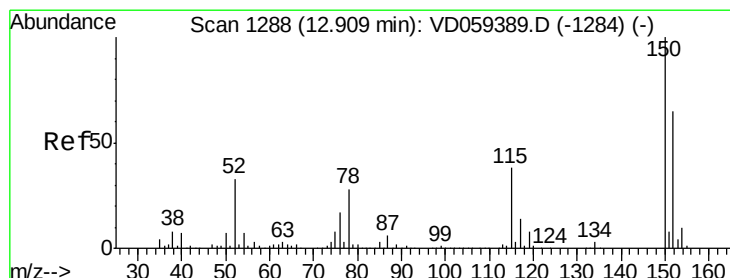
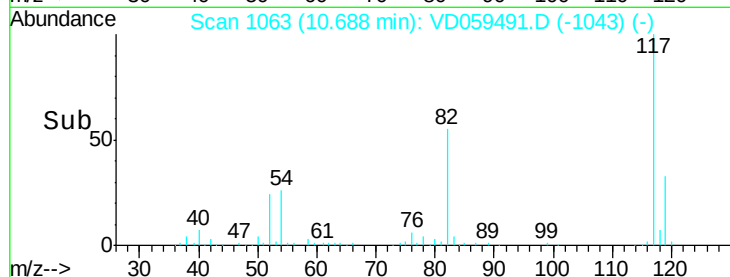
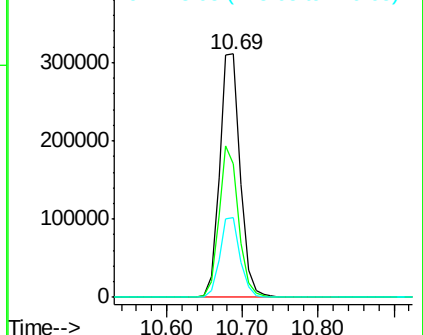


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059491.D
Acq: 29 Jun 2018 14:56

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	49.0	73.6
119	32.6	26.2	39.4

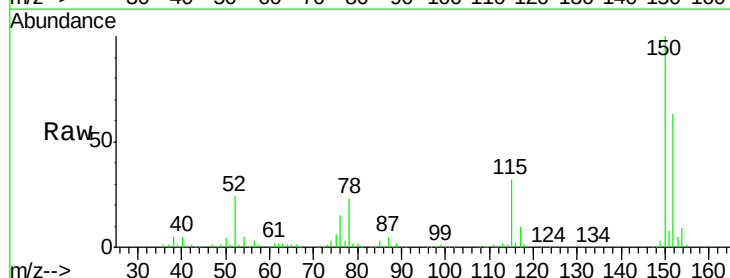


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059491.D
Acq: 29 Jun 2018 14:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.4	29.4	88.3
150	158.8	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

