

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059502.D
 Acq On : 29 Jun 2018 20:08
 Operator : VA/AP
 Sample : J3774-01
 Misc : 5.84g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 30 01:59:42 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	5.64	168	19986	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	30750	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	31097	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	16265	50.00	ug/l	0.00

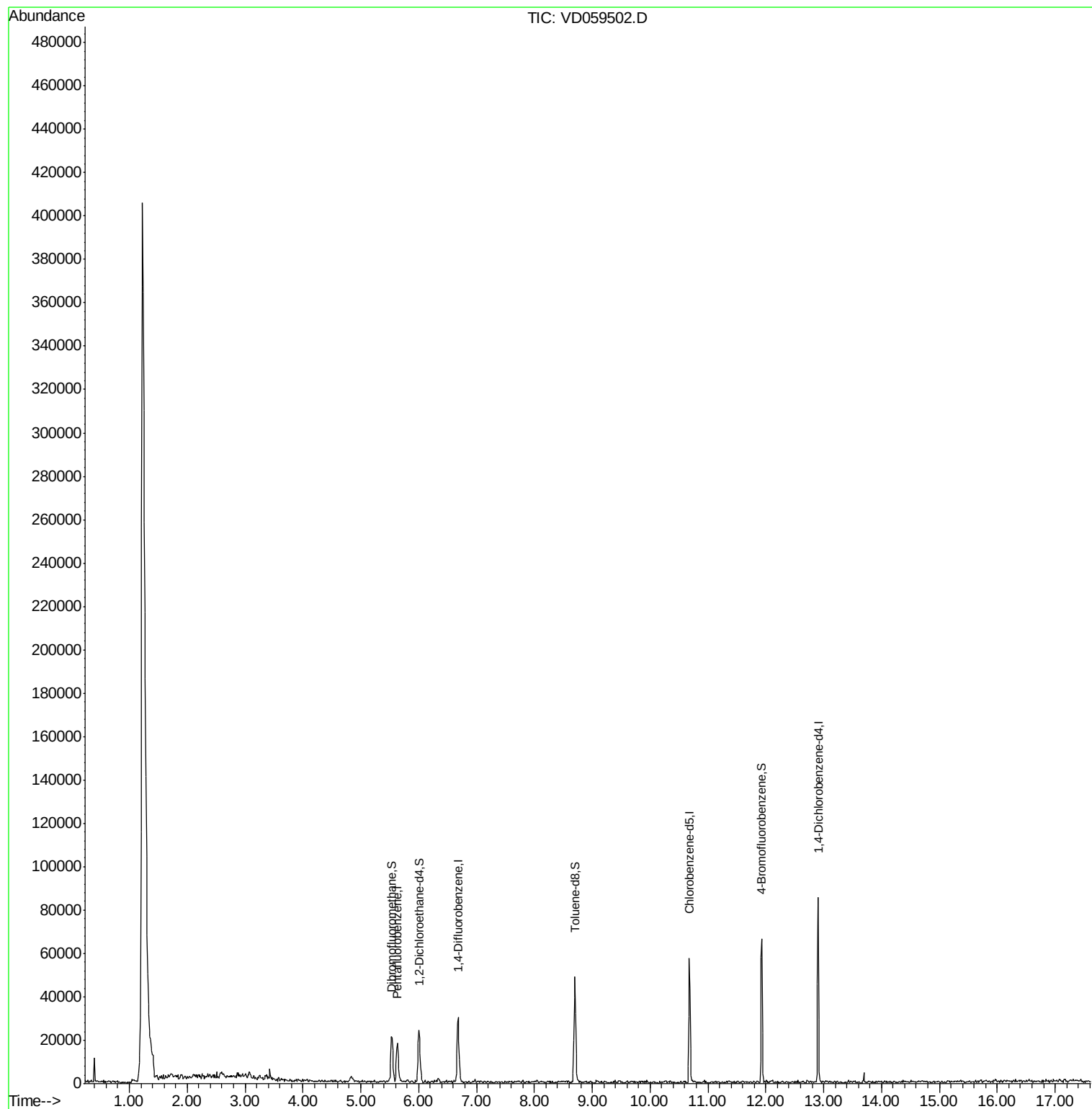
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	23027	112.66	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	225.32%	
35) Dibromofluoromethane	5.53	113	18818	75.13	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	150.26%	
50) Toluene-d8	8.70	98	36424	62.21	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	124.42%	
62) 4-Bromofluorobenzene	11.93	95	18580	76.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.58%	

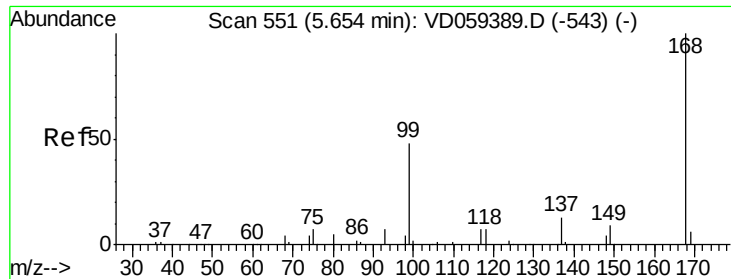
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD059502.D

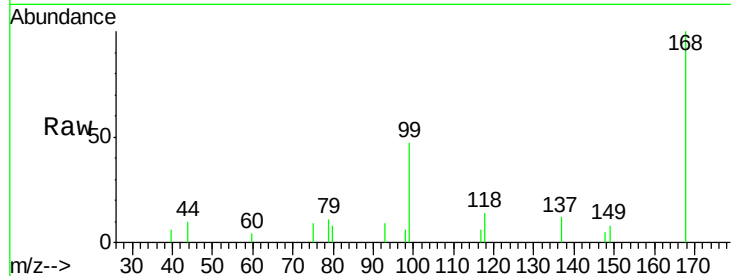
Acq: 29 Jun 2018 20:08

Tot Ion:168 Resp: 19986

Ion Ratio Lower Upper

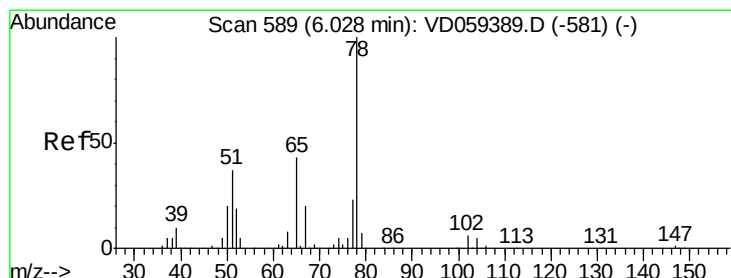
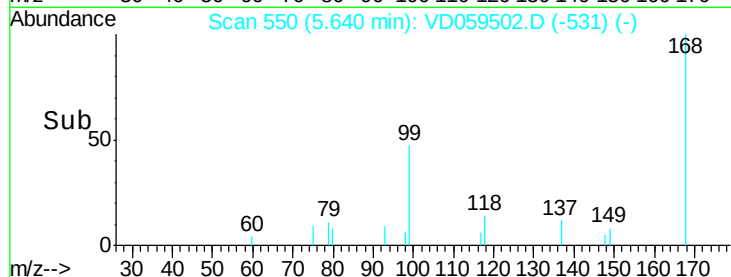
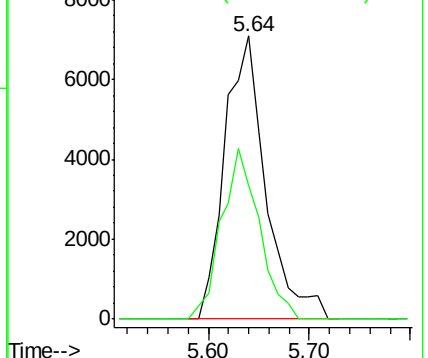
168 100

99 47.1 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.00 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD059502.D

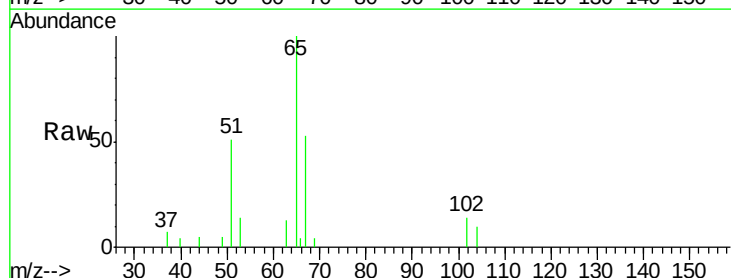
Acq: 29 Jun 2018 20:08

Tgt Ion: 65 Resp: 23027

Ion Ratio Lower Upper

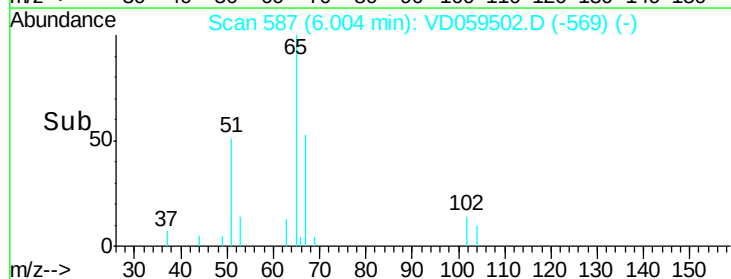
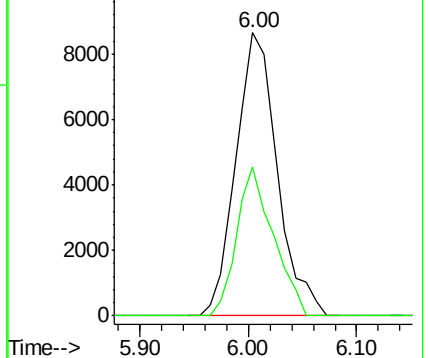
65 100

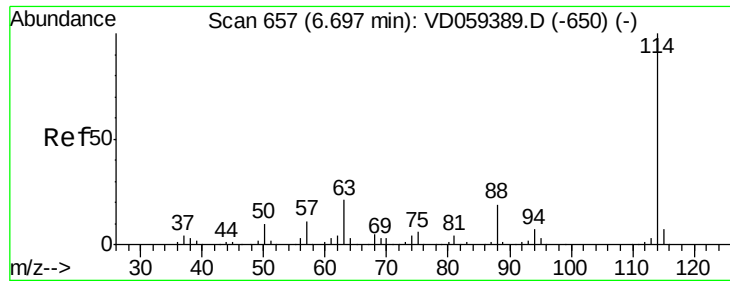
67 52.8 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

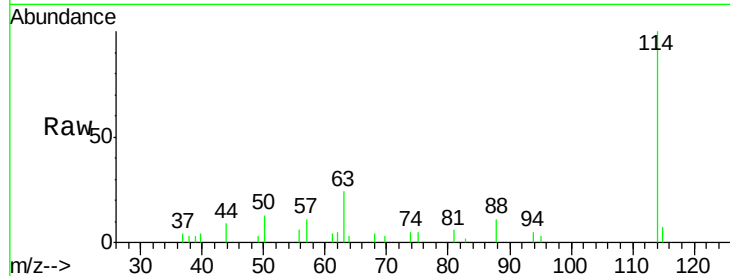
Ion 66.90 (66.60 to 67.60): VDC



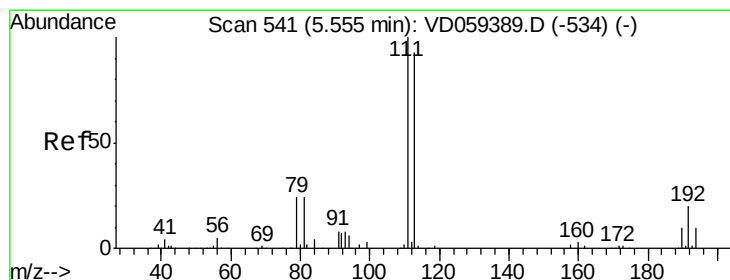
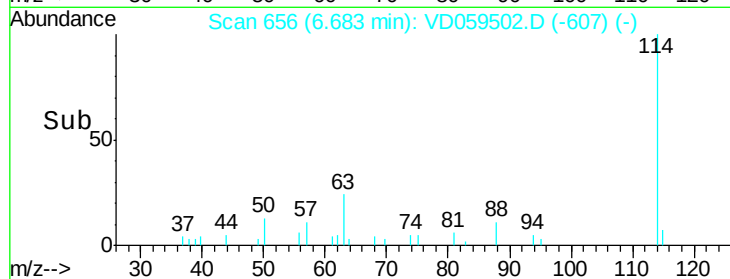
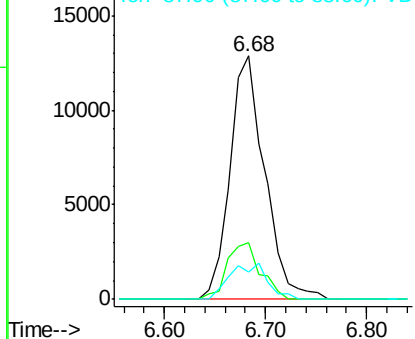


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.68 min Scan# 656
Delta R.T. -0.01 min
Lab File: VD059502.D
Acq: 29 Jun 2018 20:08

Tot Ion:114 Resp: 30750
Ion Ratio Lower Upper
114 100
63 23.5 0.0 42.4
88 11.0 0.0 38.0

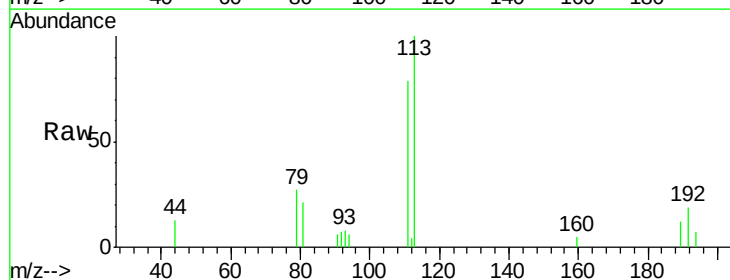


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

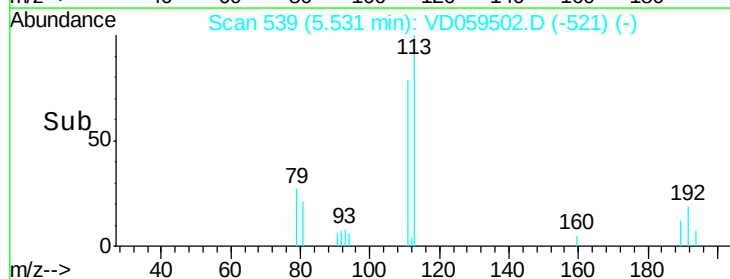
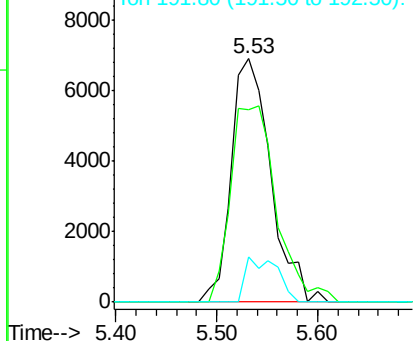


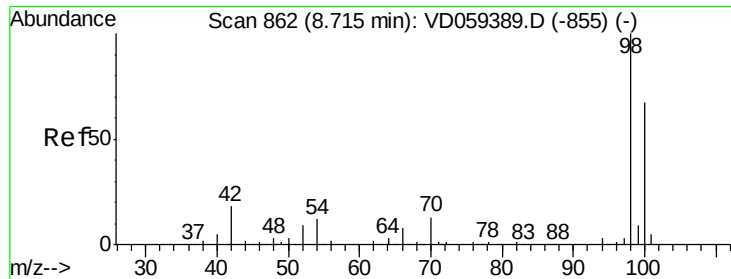
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.53 min Scan# 539
Delta R.T. -0.02 min
Lab File: VD059502.D
Acq: 29 Jun 2018 20:08

Tgt Ion:113 Resp: 18818
Ion Ratio Lower Upper
113 100
111 78.9 85.7 128.5#
192 18.5 16.9 25.3



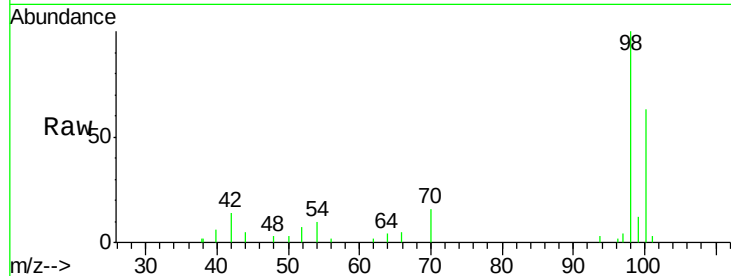
Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



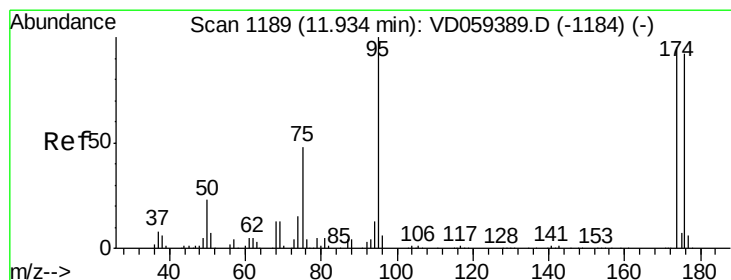
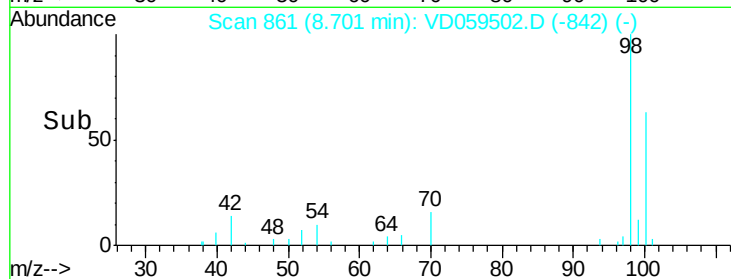
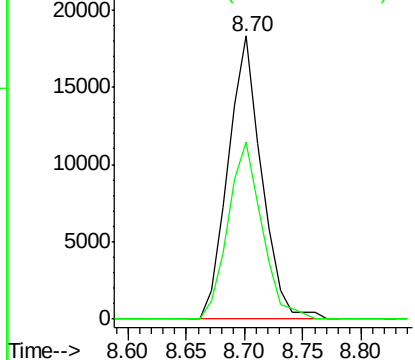


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD059502.D
Acq: 29 Jun 2018 20:08

Tot Ion: 98 Resp: 36424
Ion Ratio Lower Upper
98 100
100 62.5 54.4 81.6

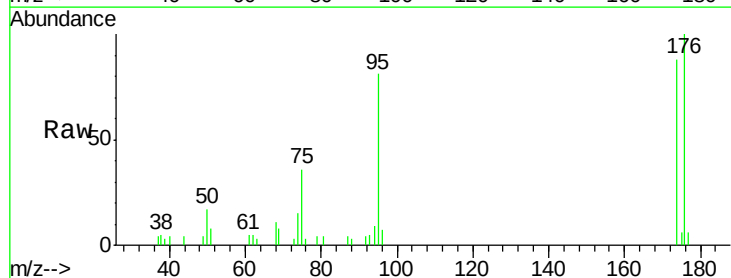


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

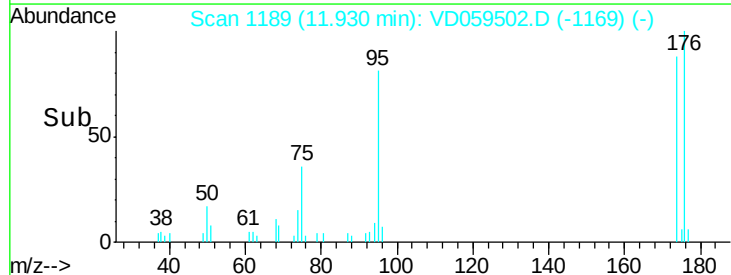
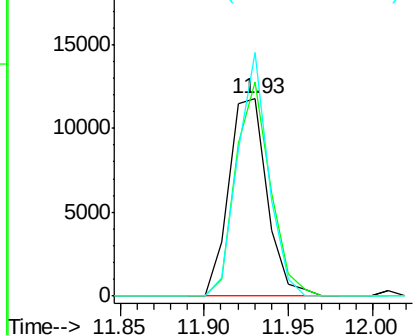


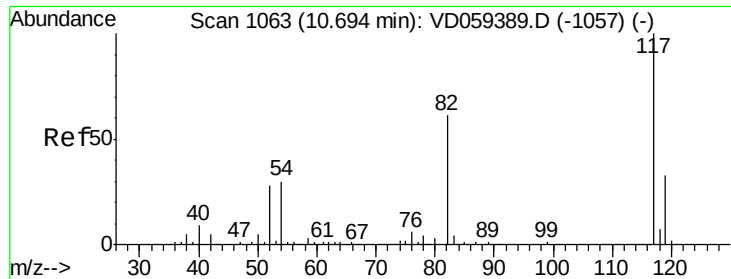
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD059502.D
Acq: 29 Jun 2018 20:08

Tgt Ion: 95 Resp: 18580
Ion Ratio Lower Upper
95 100
174 108.5 0.0 190.4
176 123.6 0.0 183.2



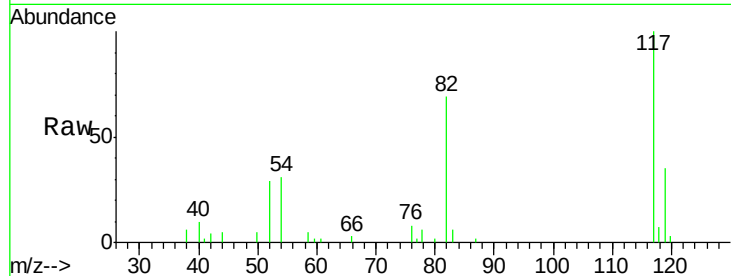
Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC



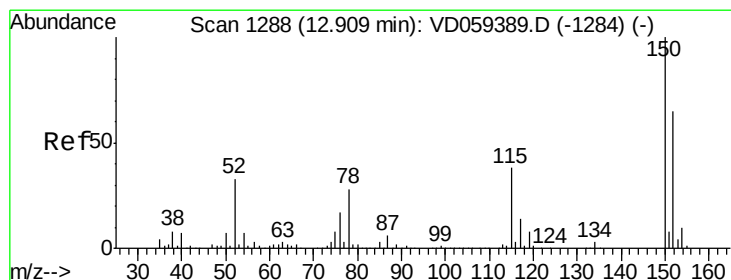
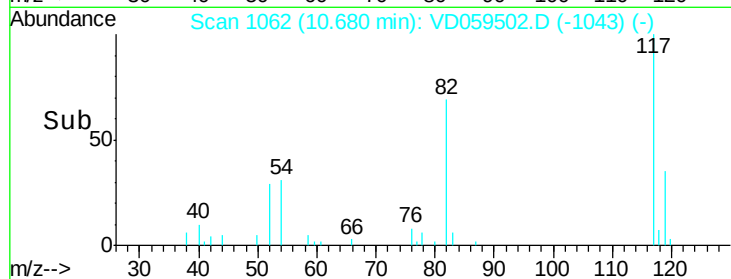
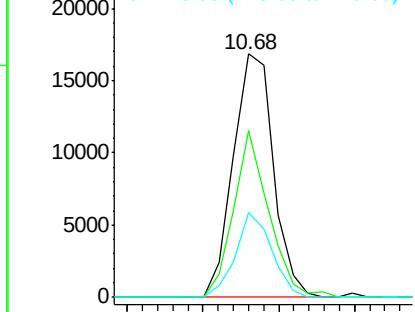


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059502.D
Acq: 29 Jun 2018 20:08

Tot Ion:117 Resp: 31097
Ion Ratio Lower Upper
117 100
82 68.7 49.0 73.6
119 34.7 26.2 39.4

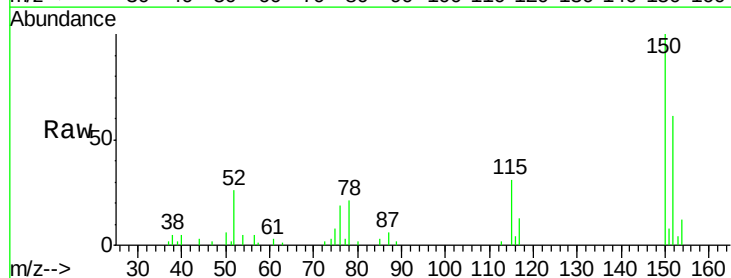


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059502.D
Acq: 29 Jun 2018 20:08

Tgt Ion:152 Resp: 16265
Ion Ratio Lower Upper
152 100
115 50.5 29.4 88.3
150 164.0 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

