

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD058000.D
 Acq On : 8 Jun 2018 6:25
 Operator : JC/SY
 Sample : J3329-09RE
 Misc : 5.99g/5ml/MSVOA D/SOIL
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-37(0-5)RE

Quant Time: Jun 08 08:50:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

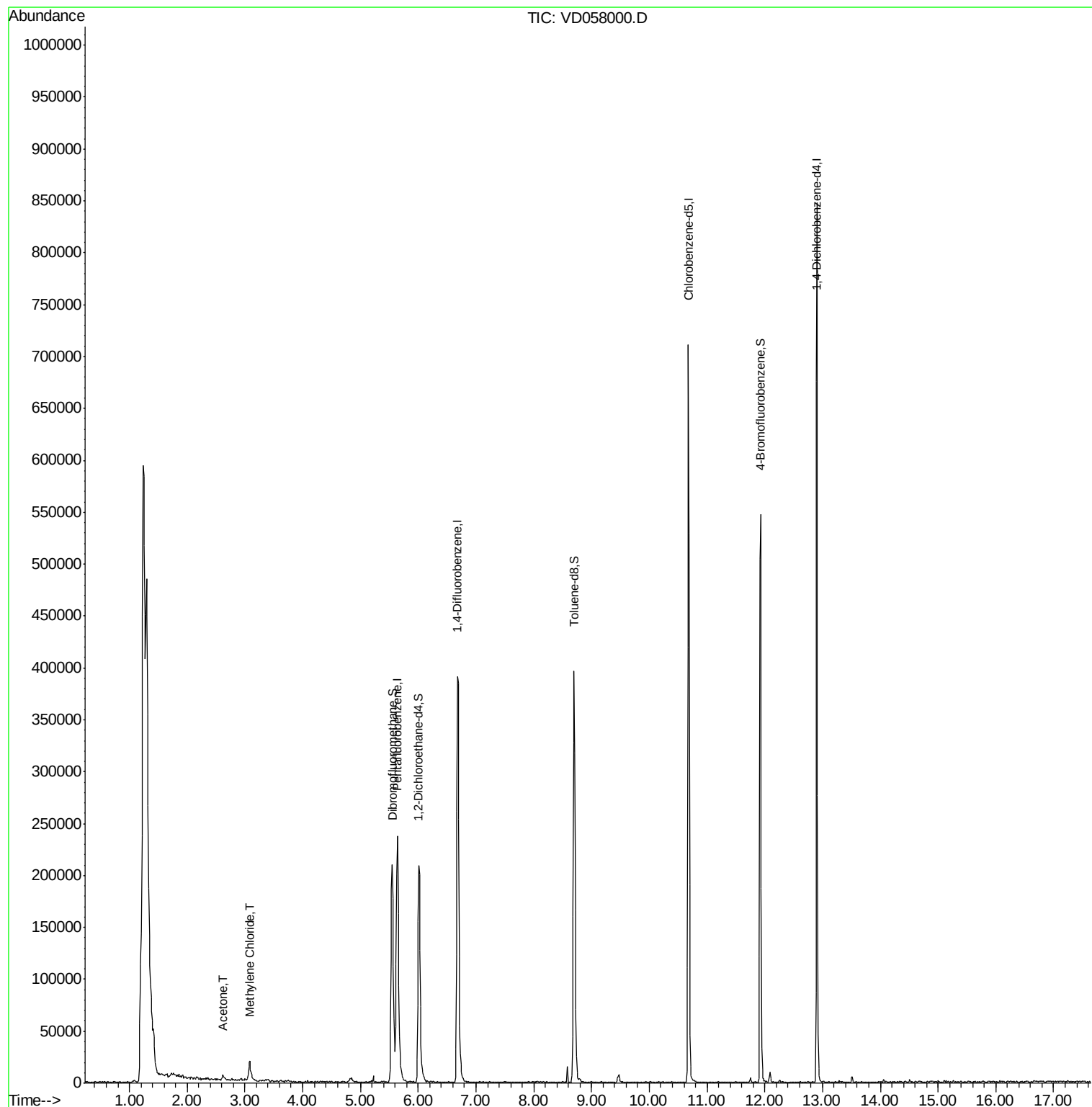
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	249085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	402234	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	369468	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	183986	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	213571	85.76	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	171.52%	
35) Dibromofluoromethane	5.55	113	173035	55.60	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.20%	
50) Toluene-d8	8.70	98	315245	42.61	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.22%	
62) 4-Bromofluorobenzene	11.92	95	158630	49.15	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.30%	
Target Compounds						
16) Acetone	2.61	43	11151	31.081	ug/l	92
20) Methylene Chloride	3.08	84	10806	5.647	ug/l	91

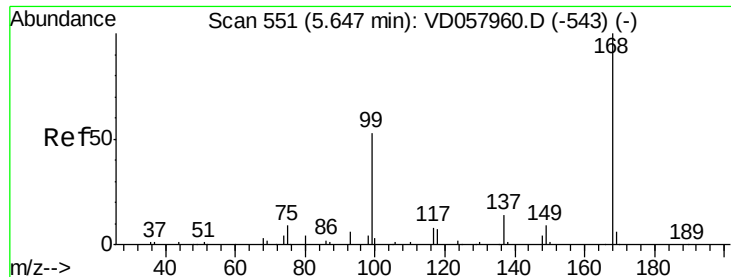
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.00 min

Lab File: VD058000.D

Acq: 8 Jun 2018 6:25

Instrument :

MSVOA_D

ClientSampleId :

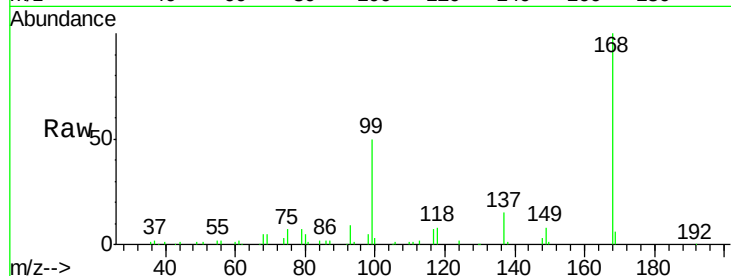
MH-37(0-5)RE

Tot Ion:168 Resp: 249085

Ion Ratio Lower Upper

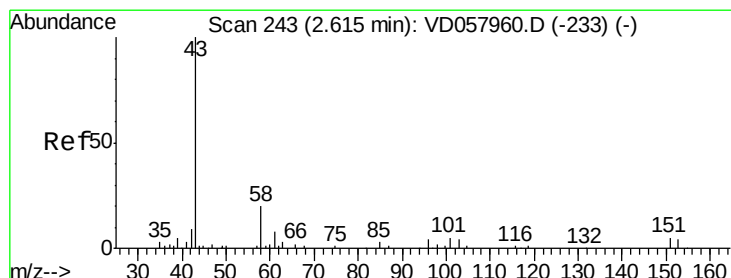
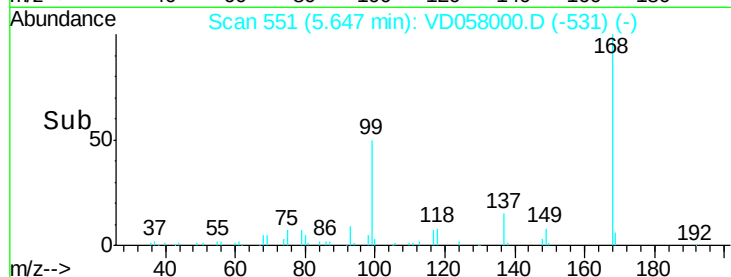
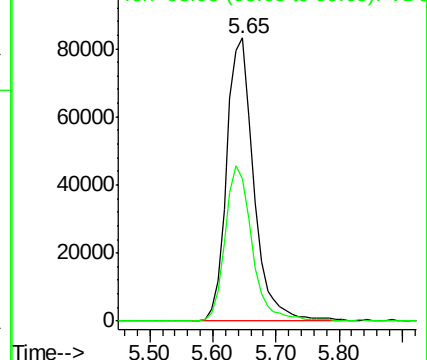
168 100

99 50.2 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 31.081 ug/l

RT: 2.61 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD058000.D

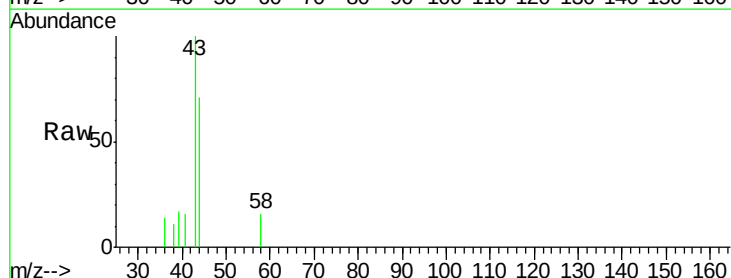
Acq: 8 Jun 2018 6:25

Tgt Ion: 43 Resp: 11151

Ion Ratio Lower Upper

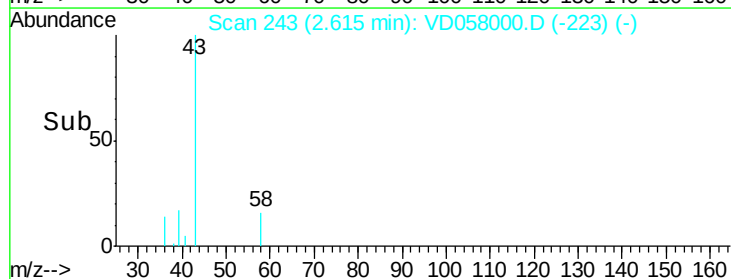
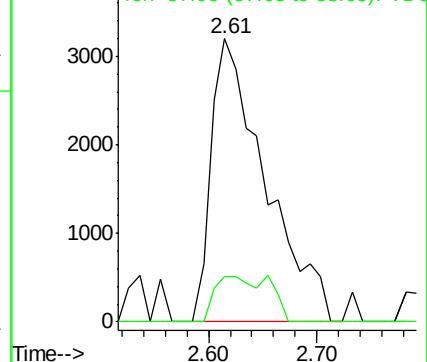
43 100

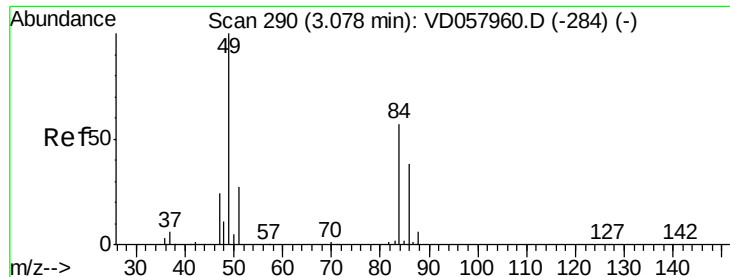
58 16.0 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

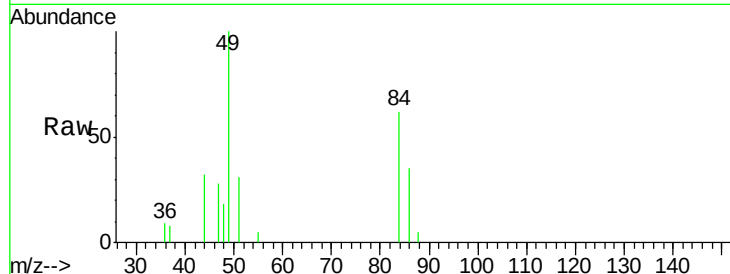




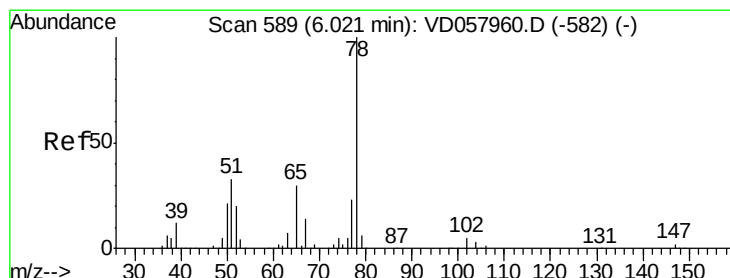
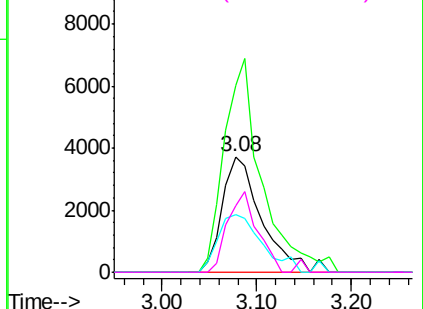
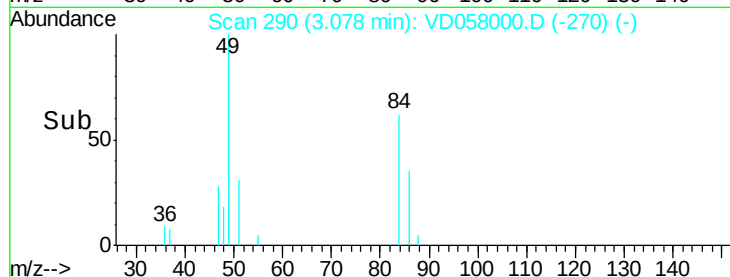
#20
Methylene Chloride
Concen: 5.647 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.00 min
Lab File: VD058000.D
Acq: 8 Jun 2018 6:25

Instrument :
MSVOA_D
ClientSampleId :
MH-37(0-5)RE

Tot Ion: 84 Resp: 10806
Ion Ratio Lower Upper
84 100
49 162.1 141.4 212.0
51 49.5 38.3 57.5
86 57.5 52.9 79.3

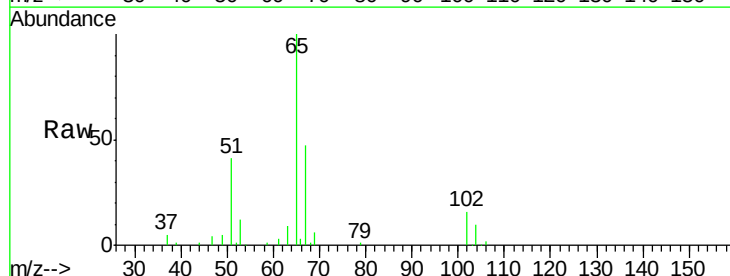


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

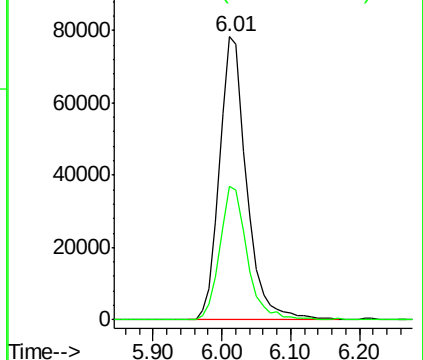
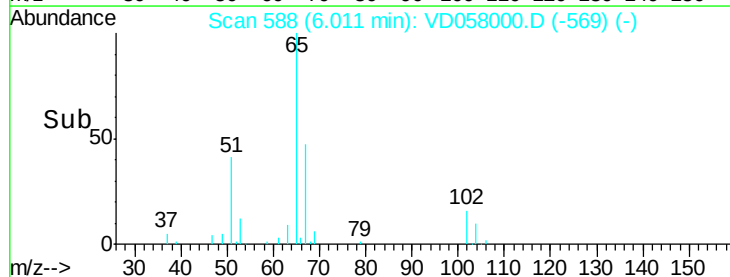


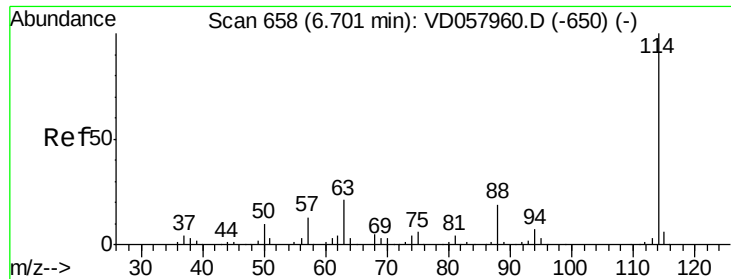
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD058000.D
Acq: 8 Jun 2018 6:25

Tgt Ion: 65 Resp: 213571
Ion Ratio Lower Upper
65 100
67 47.2 0.0 94.0



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

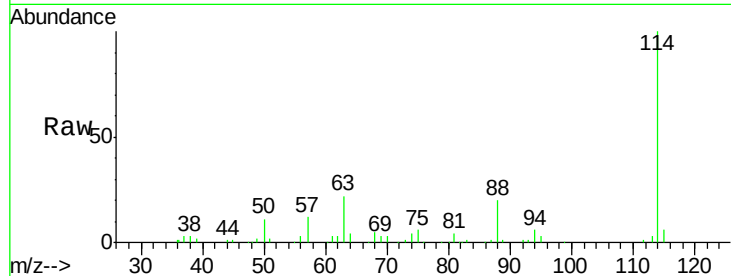




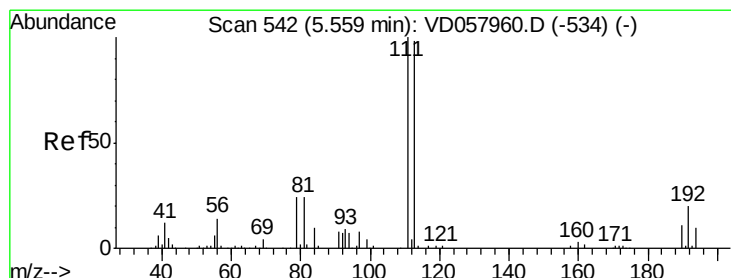
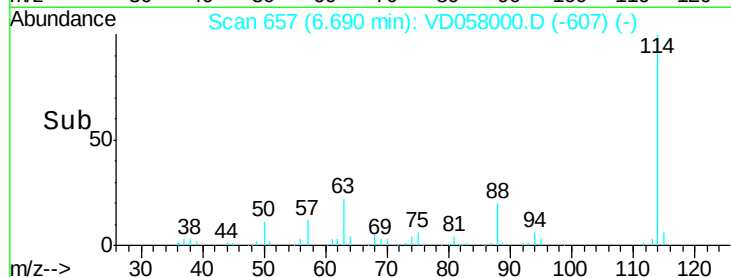
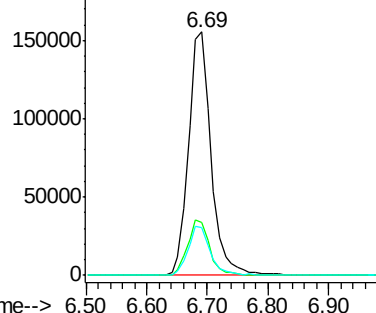
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 657
Delta R.T. -0.01 min
Lab File: VD058000.D
Acq: 8 Jun 2018 6:25

Instrument :
MSVOA_D
ClientSampleId :
MH-37(0-5)RE

Tot Ion:114 Resp: 402234
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.8
88 19.7 0.0 37.8

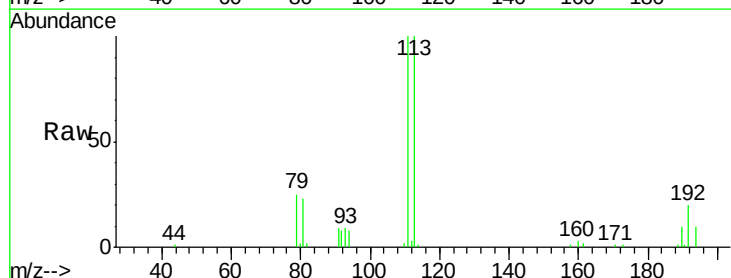


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): VDC
Ion 87.90 (87.60 to 88.60): VDC

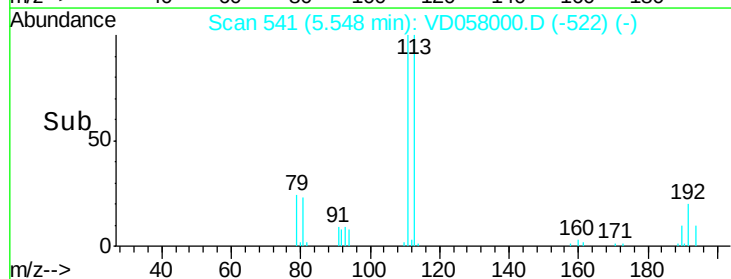
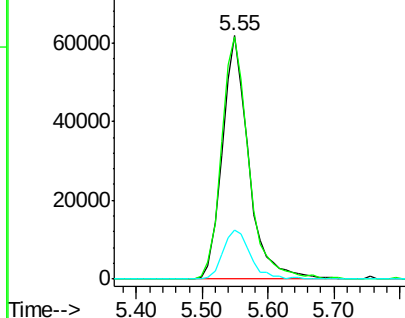


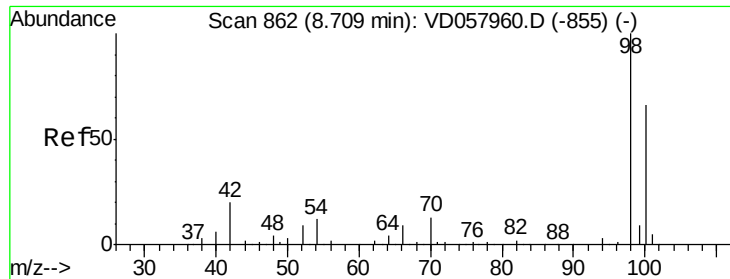
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.01 min
Lab File: VD058000.D
Acq: 8 Jun 2018 6:25

Tgt Ion:113 Resp: 173035
Ion Ratio Lower Upper
113 100
111 99.5 81.5 122.3
192 20.4 16.4 24.6



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

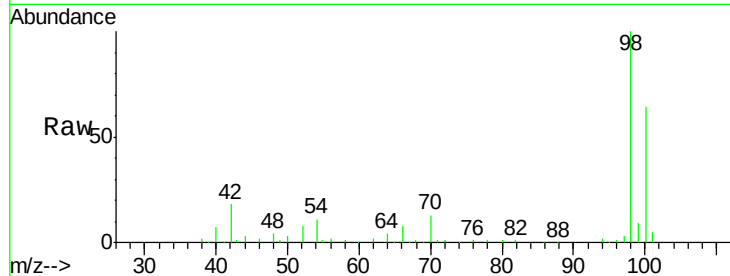




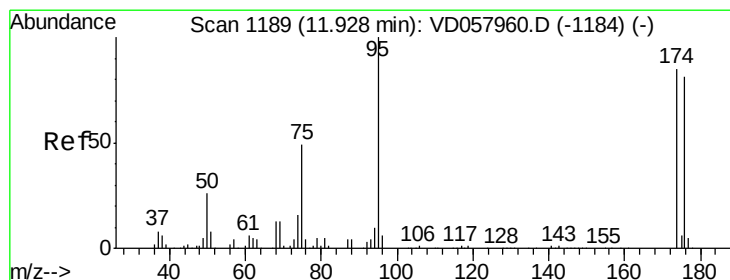
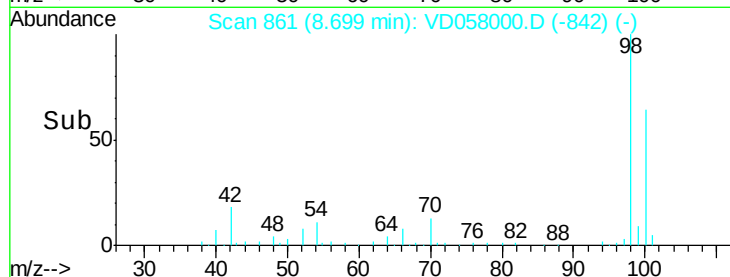
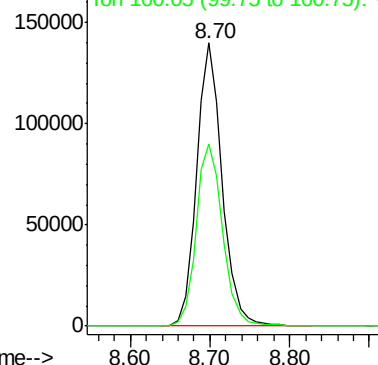
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058000.D
Acq: 8 Jun 2018 6:25

Instrument :
MSVOA_D
ClientSampleId :
MH-37(0-5)RE

Tot Ion: 98 Resp: 315245
Ion Ratio Lower Upper
98 100
100 64.4 53.4 80.0

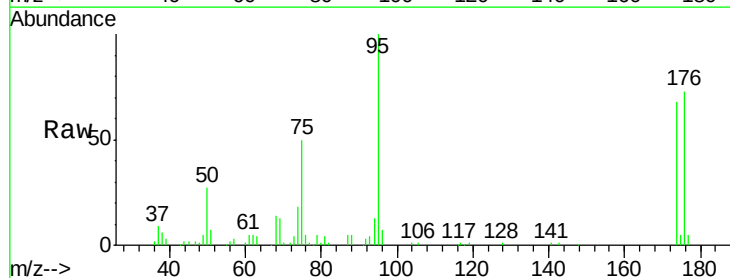


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

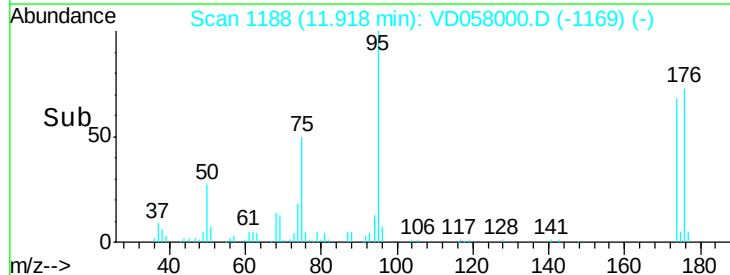
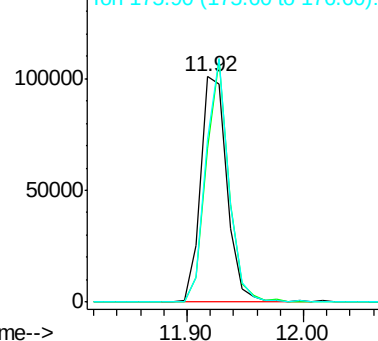


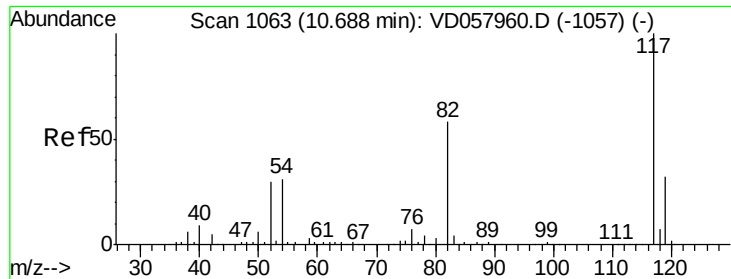
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD058000.D
Acq: 8 Jun 2018 6:25

Tgt Ion: 95 Resp: 158630
Ion Ratio Lower Upper
95 100
174 68.2 0.0 169.4
176 72.6 0.0 162.6



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

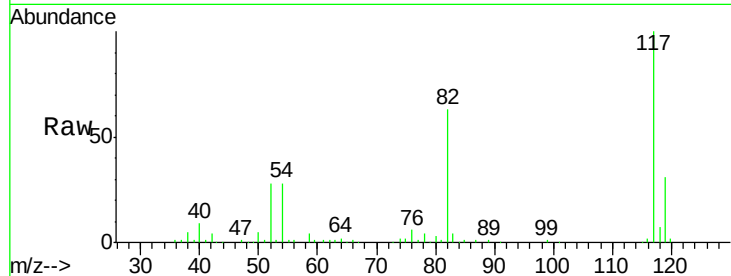




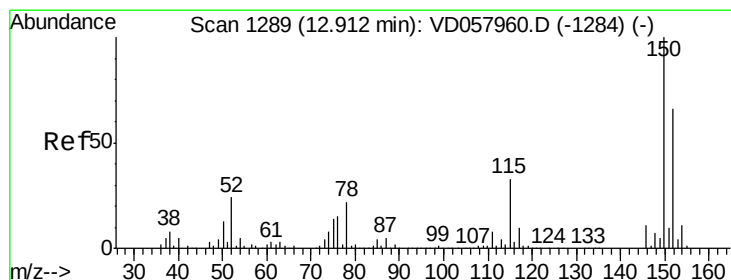
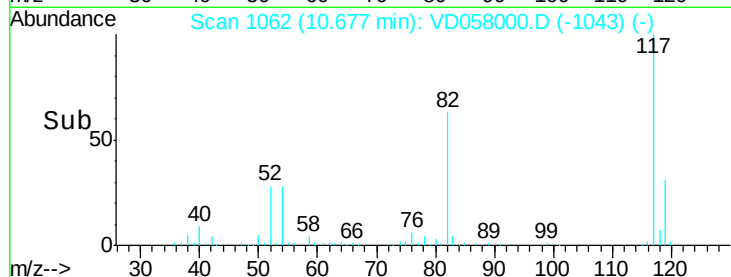
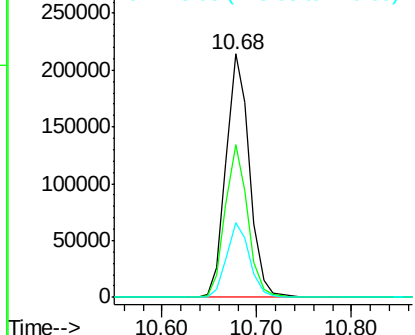
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD058000.D
Acq: 8 Jun 2018 6:25

Instrument :
MSVOA_D
ClientSampleId :
MH-37(0-5)RE

Tot Ion:117 Resp: 369468
Ion Ratio Lower Upper
117 100
82 62.7 46.8 70.2
119 30.6 25.8 38.6

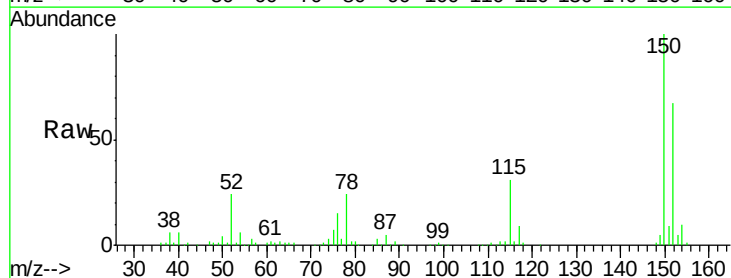


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058000.D
Acq: 8 Jun 2018 6:25

Tgt Ion:152 Resp: 183986
Ion Ratio Lower Upper
152 100
115 47.0 25.6 76.6
150 149.7 0.0 306.8



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

