

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057998.D
 Acq On : 8 Jun 2018 5:29
 Operator : JC/SY
 Sample : J3329-07RE
 Misc : 6.24g/5ml/MSVOA D/SOIL
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-35(0-5)RE

Quant Time: Jun 08 09:30:32 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	5.63	168	8913	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	17834	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	16591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	9690	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	9532	106.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.94%	
35) Dibromofluoromethane	5.55	113	6651	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	8.70	98	13340	40.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.32%	
62) 4-Bromofluorobenzene	11.93	95	8131	56.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.64%	

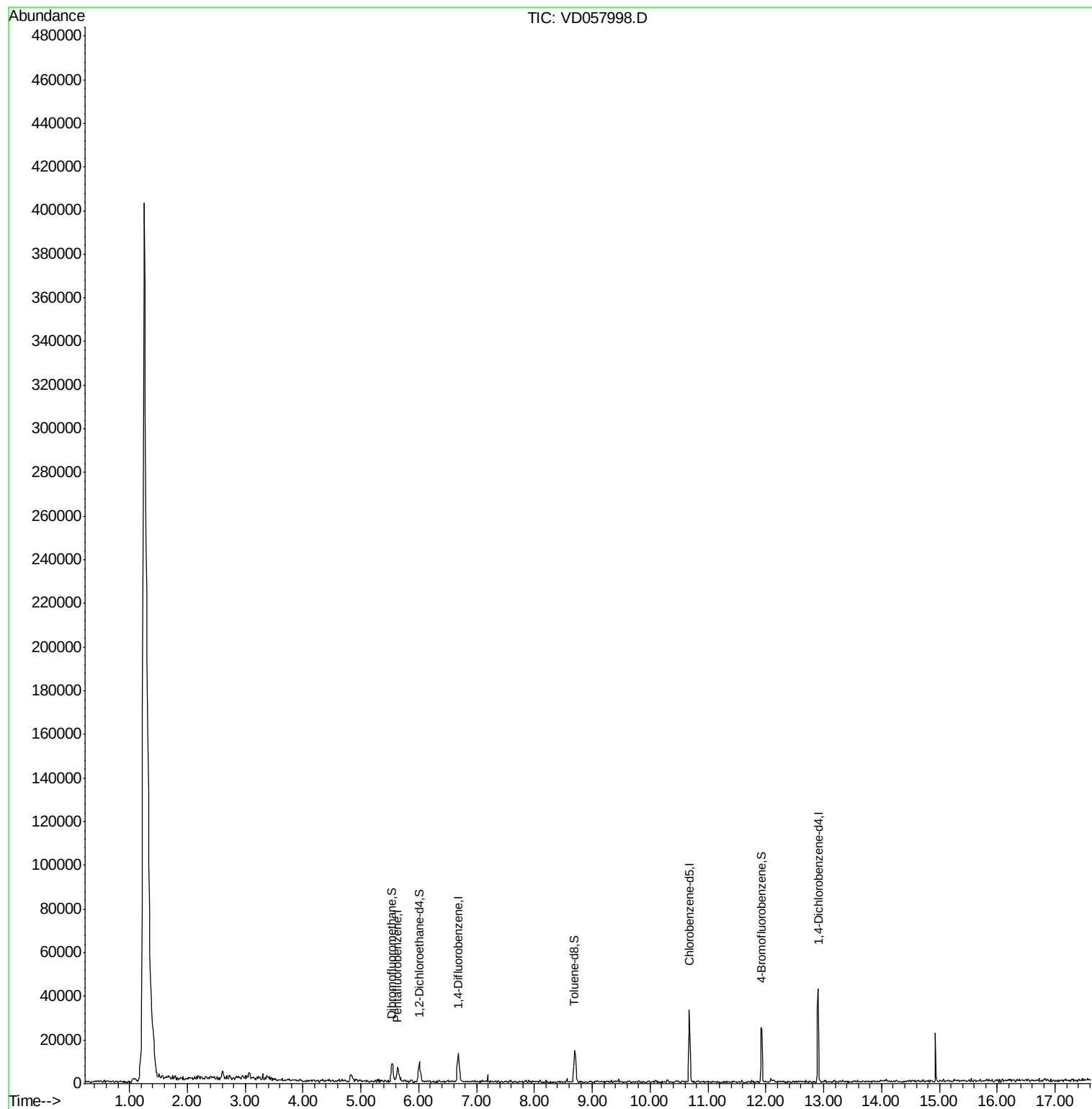
Target Compounds	Qvalue

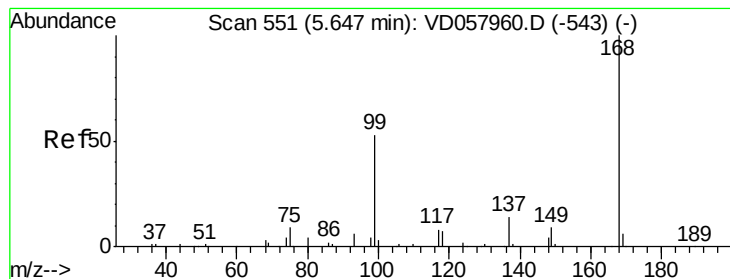
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD057998.D

Acq: 8 Jun 2018 5:29

Instrument :

MSVOA_D

ClientSampleId :

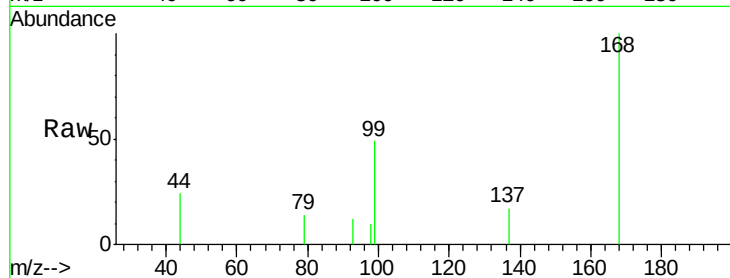
MH-35(0-5)RE

Tot Ion:168 Resp: 8913

Ion Ratio Lower Upper

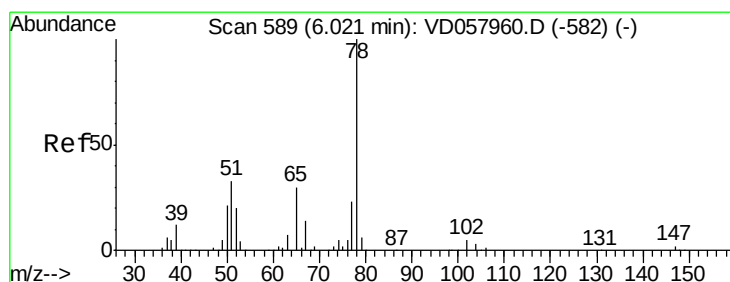
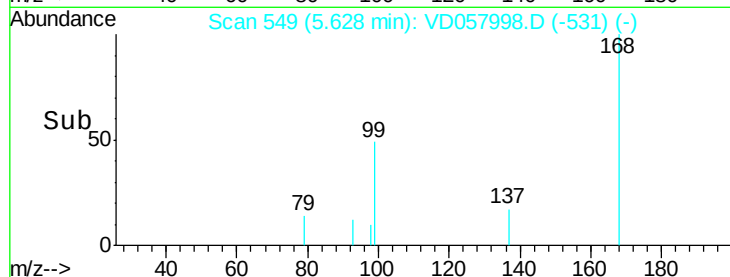
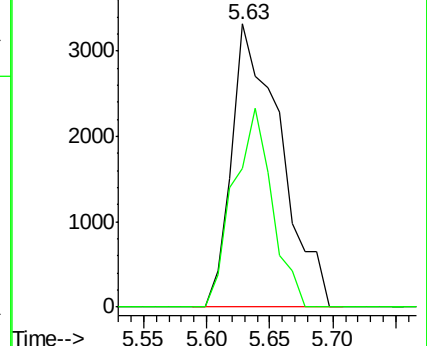
168 100

99 49.1 46.8 70.2



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: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD057998.D

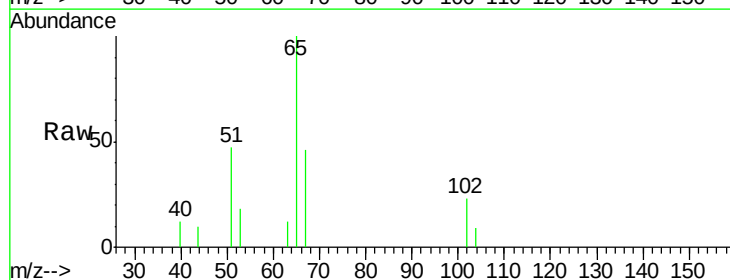
Acq: 8 Jun 2018 5:29

Tgt Ion: 65 Resp: 9532

Ion Ratio Lower Upper

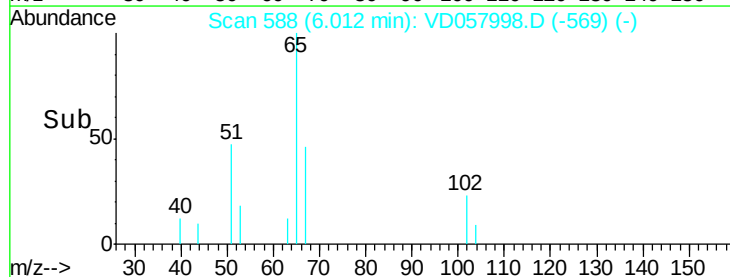
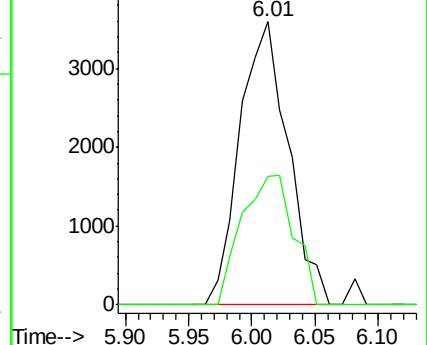
65 100

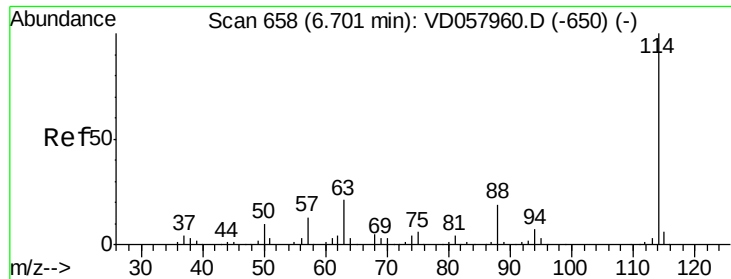
67 45.6 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

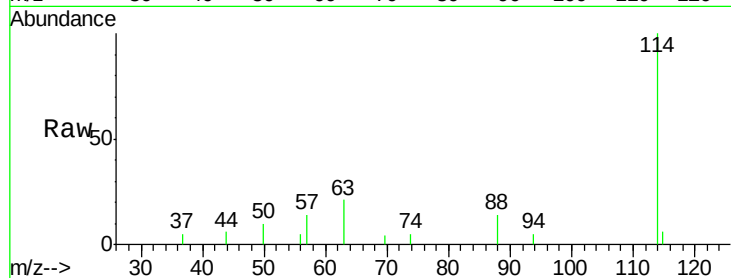




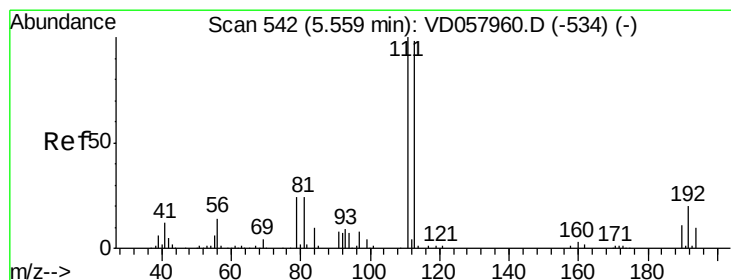
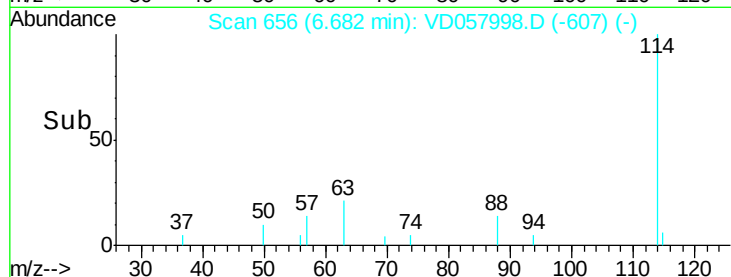
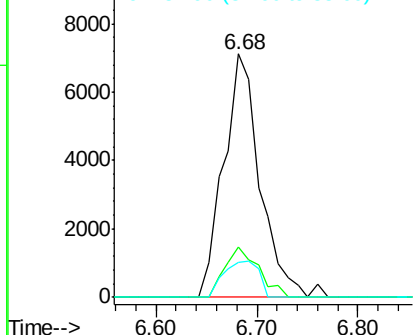
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD057998.D
 Acq: 8 Jun 2018 5:29

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-35(0-5)RE

Tot Ion:114 Resp: 17834
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 14.2 0.0 37.8

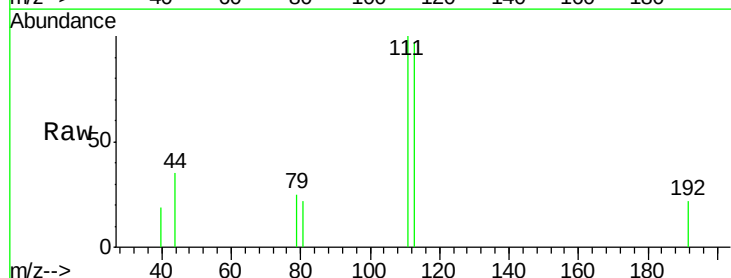


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

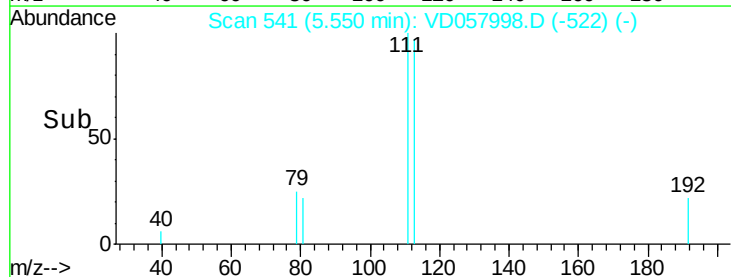
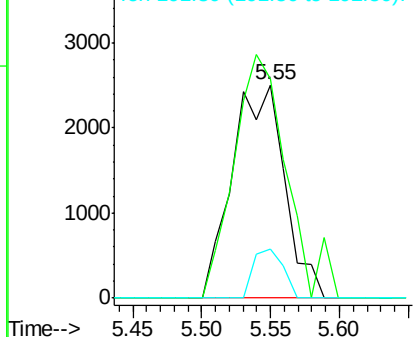


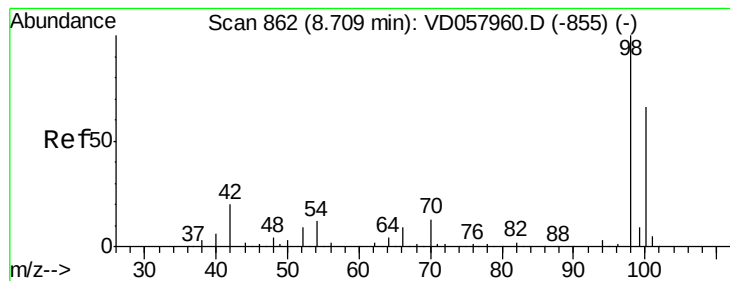
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD057998.D
 Acq: 8 Jun 2018 5:29

Tgt Ion:113 Resp: 6651
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.5 122.3
 192 23.0 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: VD057998.D

Acq: 8 Jun 2018 5:29

Instrument :

MSVOA_D

ClientSampleId :

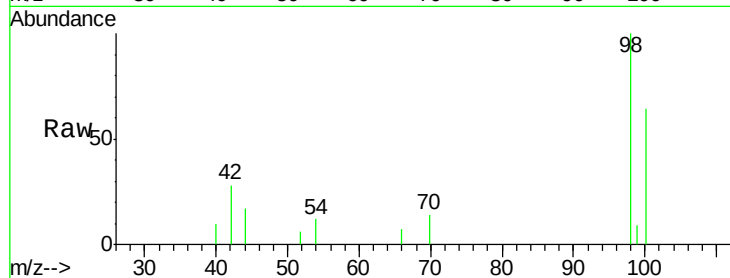
MH-35(0-5)RE

Tot Ion: 98 Resp: 13340

Ion Ratio Lower Upper

98 100

100 63.5 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)

Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

8.70

6000

5000

4000

3000

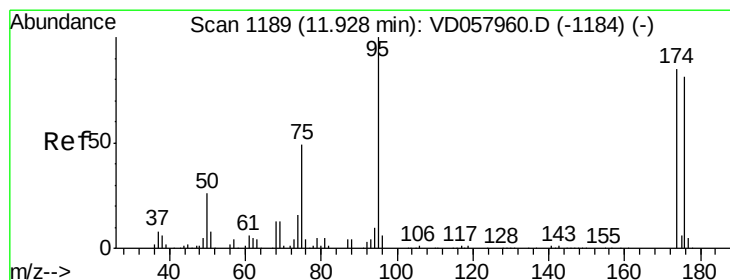
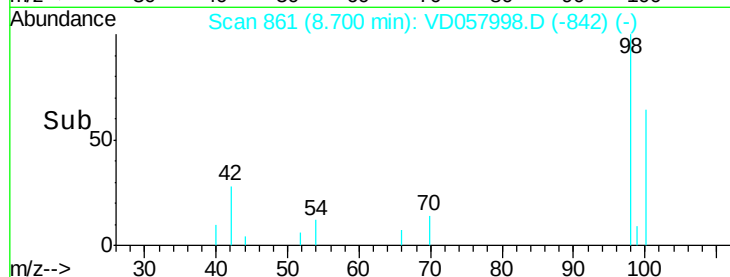
2000

1000

0

8.60 8.65 8.70 8.75

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD057998.D

Acq: 8 Jun 2018 5:29

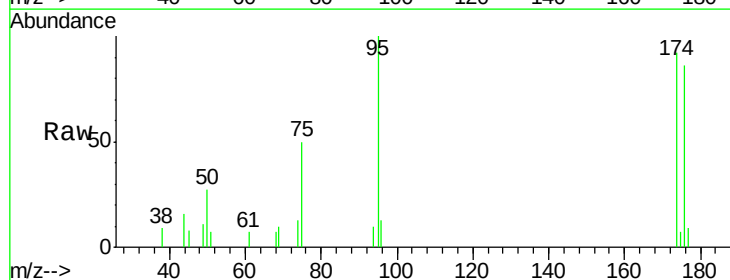
Tgt Ion: 95 Resp: 8131

Ion Ratio Lower Upper

95 100

174 92.1 0.0 169.4

176 86.1 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD057960.D (-1184) (-)

Ion 173.90 (173.60 to 174.60): VD057960.D (-1184) (-)

Ion 175.90 (175.60 to 176.60): VD057960.D (-1184) (-)

11.93

6000

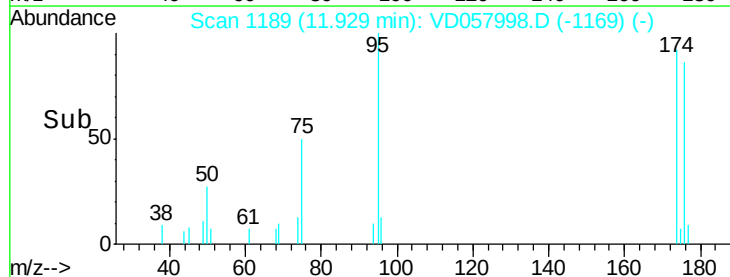
4000

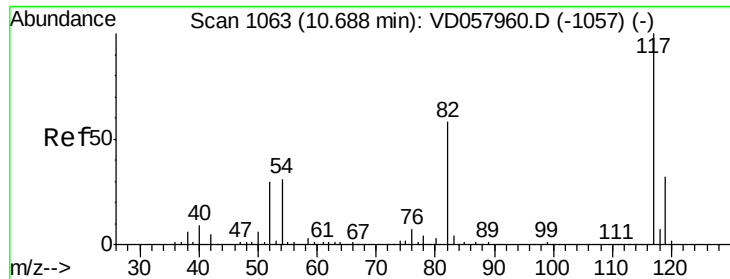
2000

0

11.90 11.95

Time-->

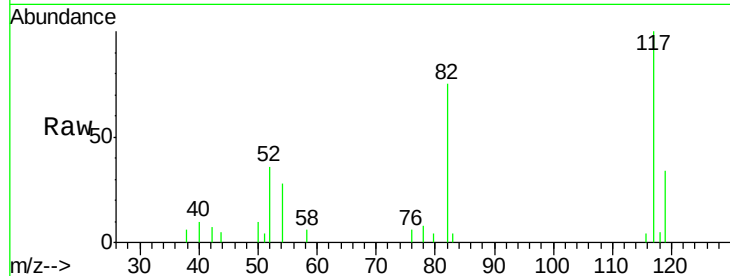




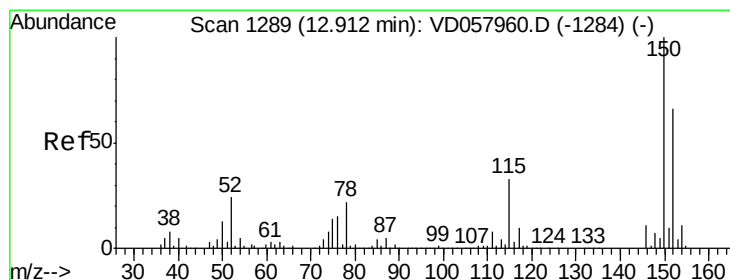
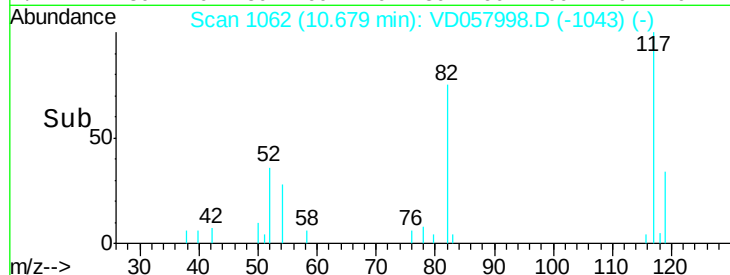
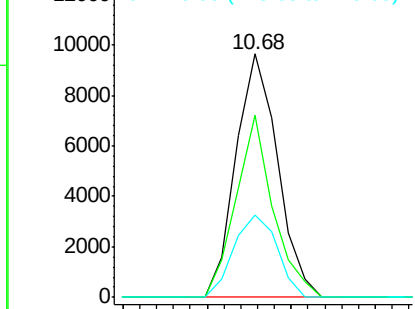
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD057998.D
Acq: 8 Jun 2018 5:29

Instrument :
MSVOA_D
ClientSampleId :
MH-35(0-5)RE

Tot Ion:117 Resp: 16591
Ion Ratio Lower Upper
117 100
82 74.9 46.8 70.2#
119 33.8 25.8 38.6

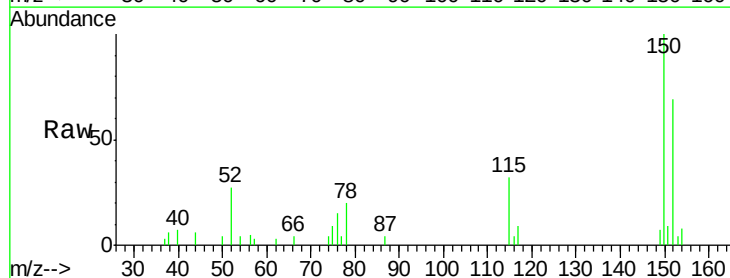


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD057998.D
Acq: 8 Jun 2018 5:29

Tgt Ion:152 Resp: 9690
Ion Ratio Lower Upper
152 100
115 46.2 25.6 76.6
150 144.6 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

