

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057993.D
 Acq On : 8 Jun 2018 3:08
 Operator : JC/SY
 Sample : J3329-01
 Misc : 6.11g/5ml/MSVOA D/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-29(0-5)

Quant Time: Jun 08 08:25:18 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

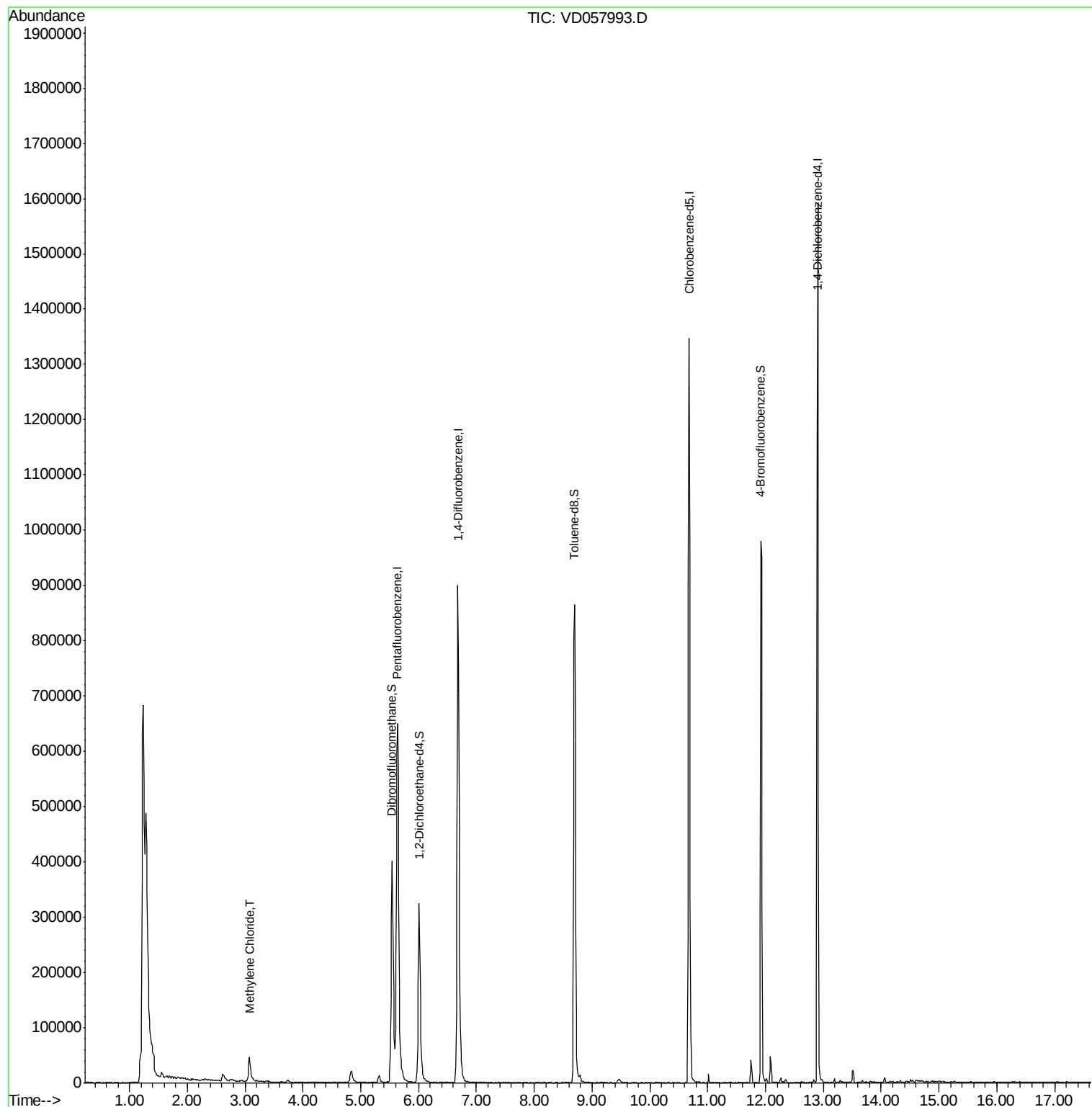
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	662814	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	897531	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	692335	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	339804	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	329948	49.79	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	5.54	113	323158	46.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.08%	
50) Toluene-d8	8.70	98	691070	41.86	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	83.72%	
62) 4-Bromofluorobenzene	11.92	95	295750	41.06	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.12%	
Target Compounds						
20) Methylene Chloride	3.08	84	23579	2.776	ug/l #	Qvalue 81

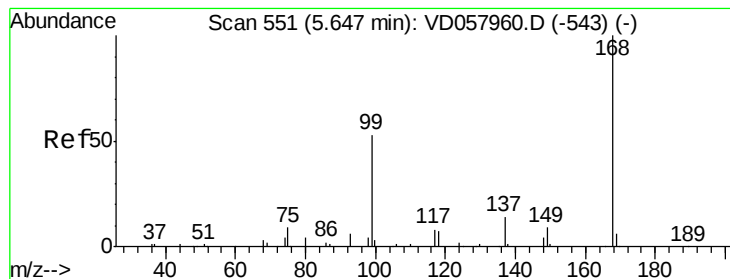
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD057993.D

Acq: 8 Jun 2018 3:08

Instrument :

MSVOA_D

ClientSampleId :

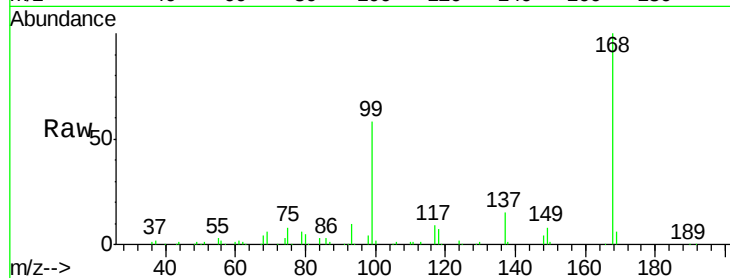
MH-29(0-5)

Tot Ion:168 Resp: 662814

Ion Ratio Lower Upper

168 100

99 58.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

250000

200000

150000

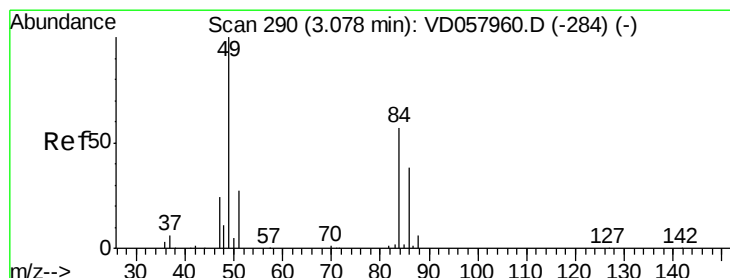
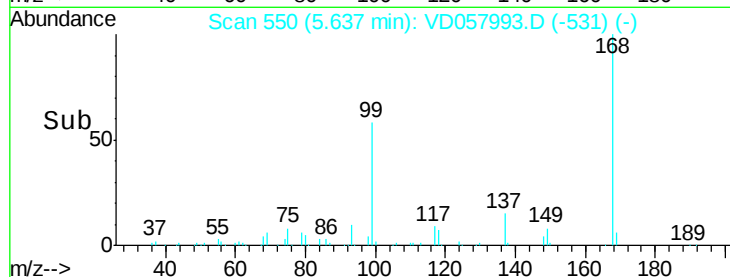
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 2.776 ug/l

RT: 3.08 min Scan# 290

Delta R.T. 0.00 min

Lab File: VD057993.D

Acq: 8 Jun 2018 3:08

Tgt Ion: 84 Resp: 23579

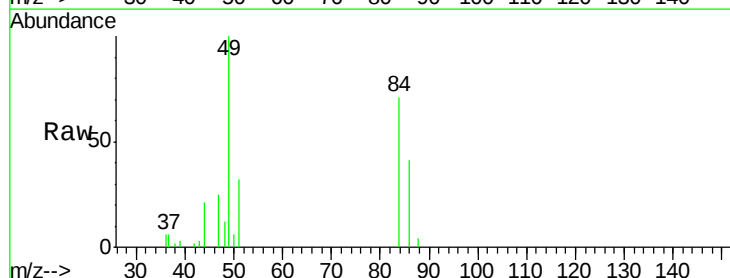
Ion Ratio Lower Upper

84 100

49 139.9 141.4 212.0#

51 44.9 38.3 57.5

86 57.1 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

20000

15000

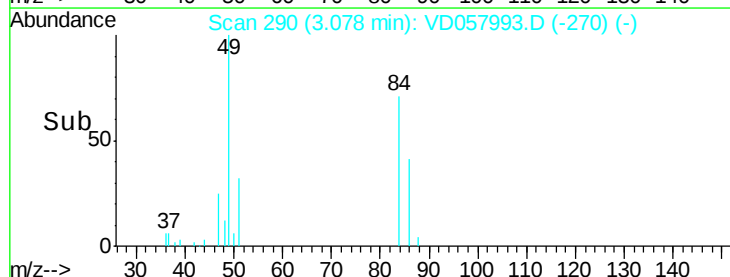
10000

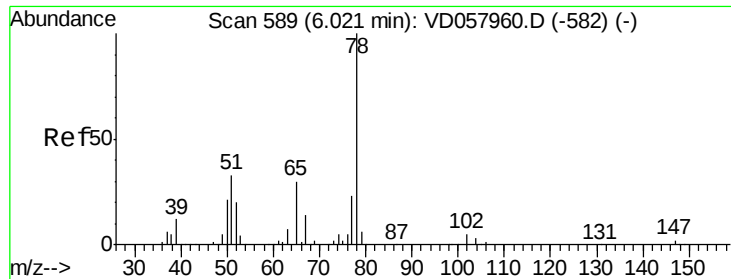
5000

0

Time-->

3.00 3.10 3.20





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD057993.D

Acq: 8 Jun 2018 3:08

Instrument :

MSVOA_D

ClientSampleId :

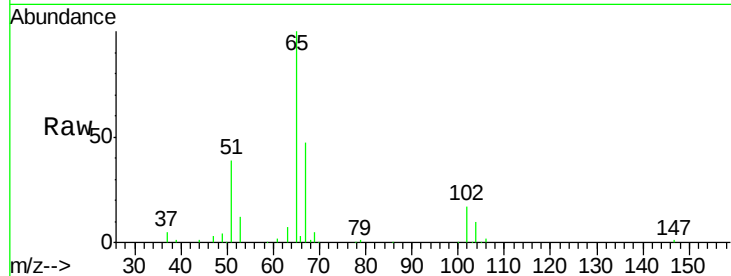
MH-29(0-5)

Tot Ion: 65 Resp: 329948

Ion Ratio Lower Upper

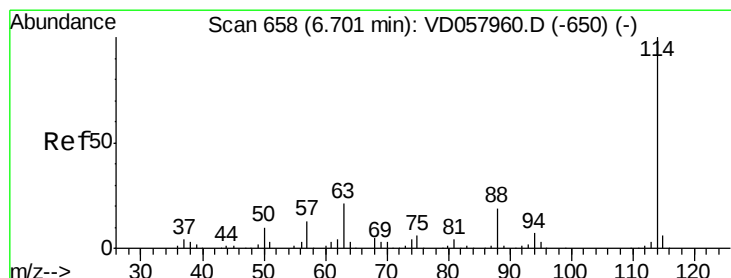
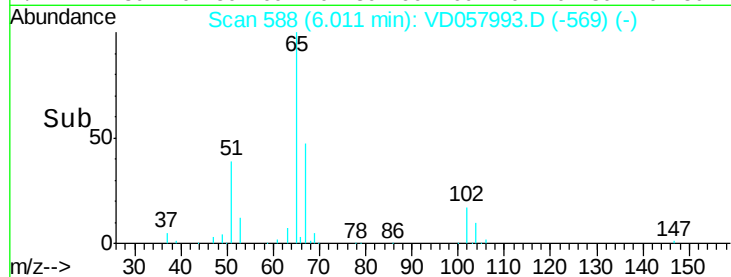
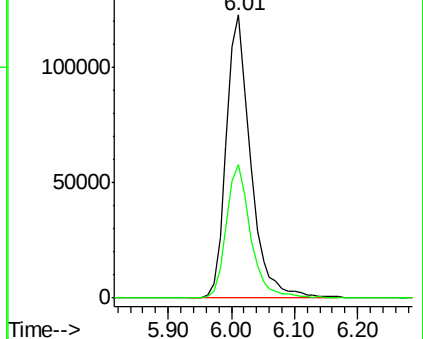
65 100

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: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD057993.D

Acq: 8 Jun 2018 3:08

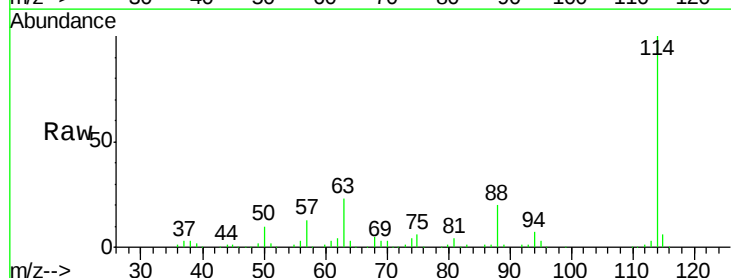
Tgt Ion: 114 Resp: 897531

Ion Ratio Lower Upper

114 100

63 23.2 0.0 42.8

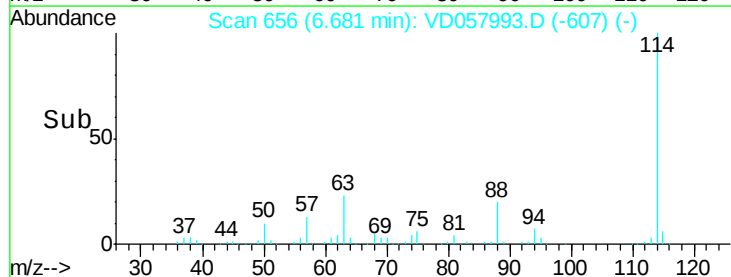
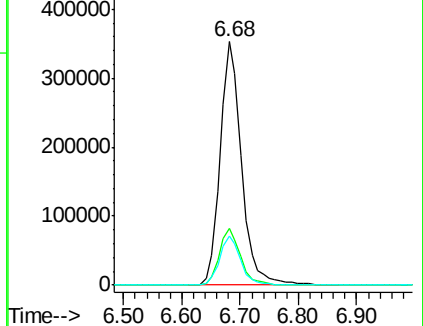
88 20.0 0.0 37.8

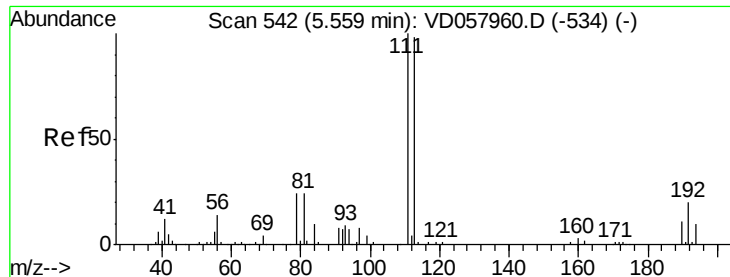


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

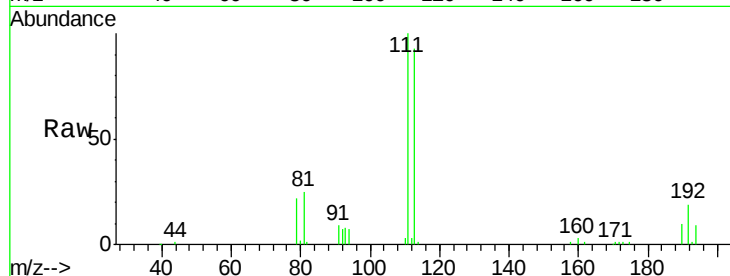




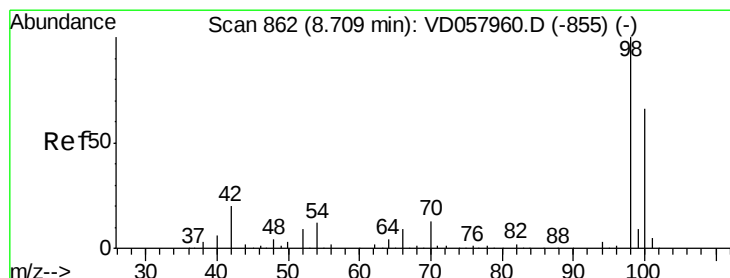
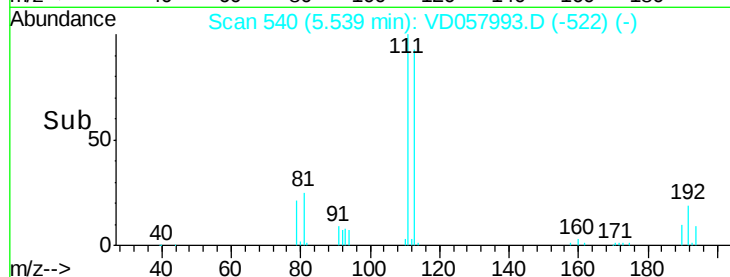
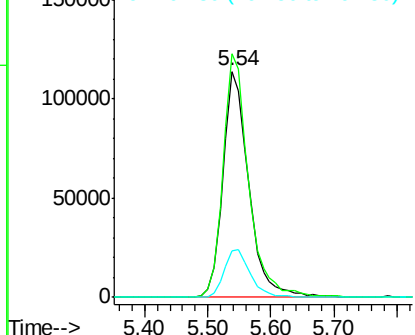
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.02 min
Lab File: VD057993.D
Acq: 8 Jun 2018 3:08

Instrument :
MSVOA_D
ClientSampleId :
MH-29(0-5)

Tot Ion:113 Resp: 323158
Ion Ratio Lower Upper
113 100
111 107.7 81.5 122.3
192 20.8 16.4 24.6

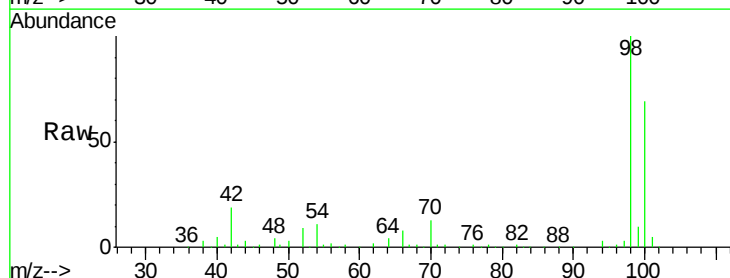


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

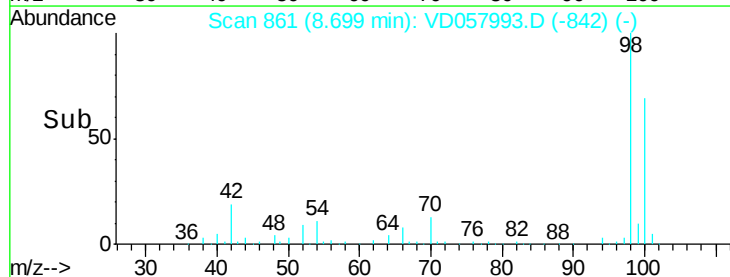
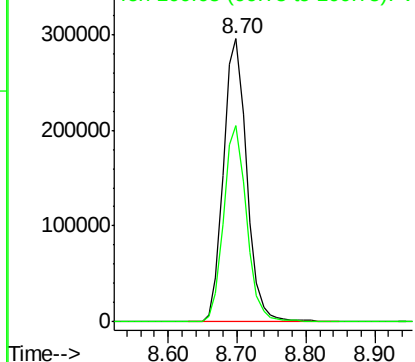


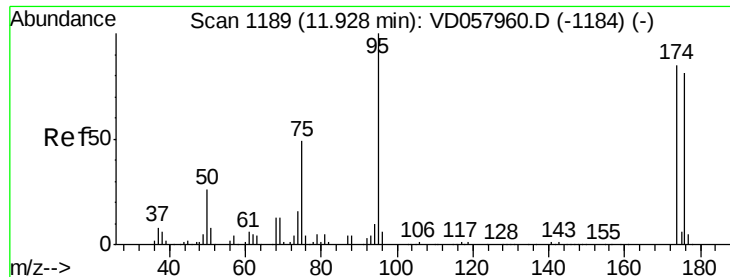
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD057993.D
Acq: 8 Jun 2018 3:08

Tgt Ion: 98 Resp: 691070
Ion Ratio Lower Upper
98 100
100 69.2 53.4 80.0



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

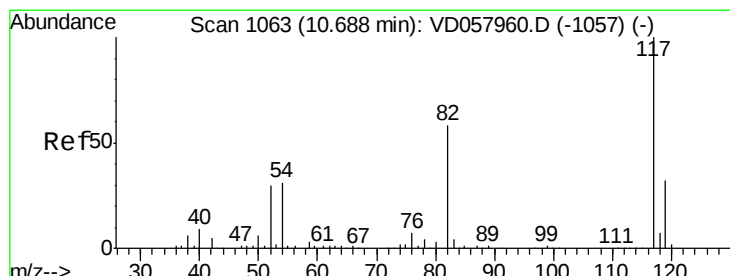
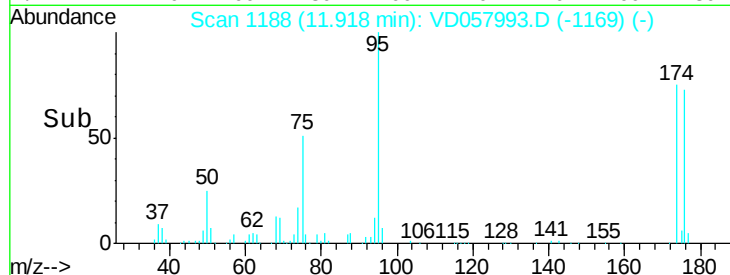
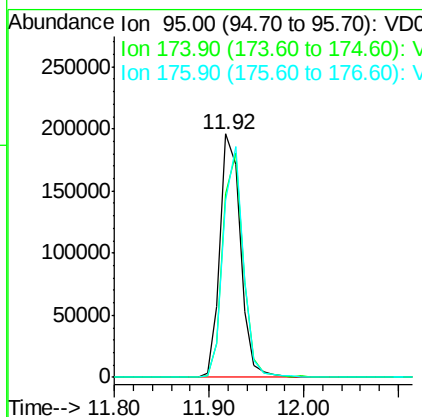
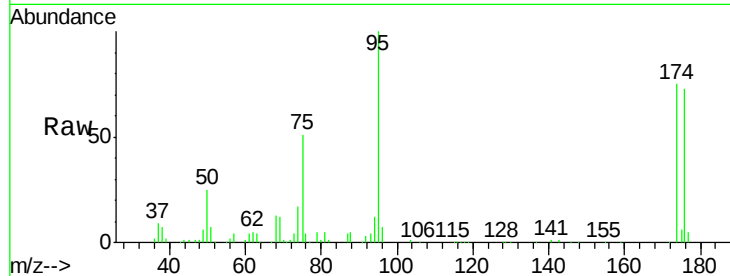




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD057993.D
Acq: 8 Jun 2018 3:08

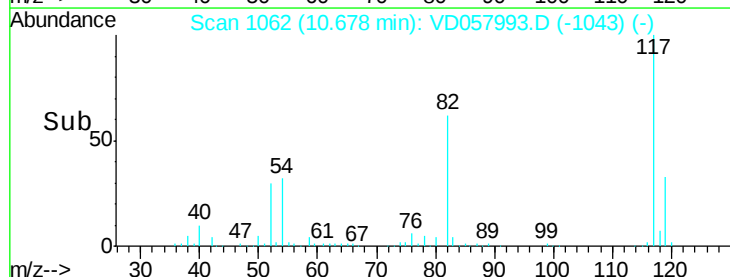
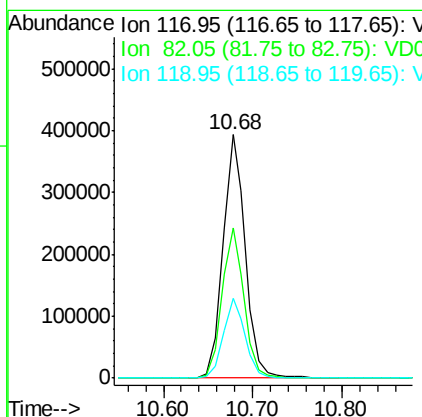
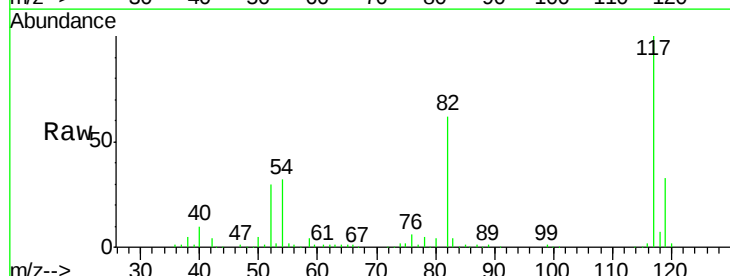
Instrument :
MSVOA_D
ClientSampleId :
MH-29(0-5)

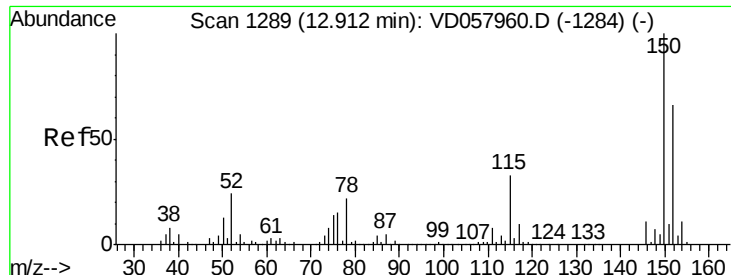
Tot Ion: 95 Resp: 295750
Ion Ratio Lower Upper
95 100
174 75.4 0.0 169.4
176 72.6 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD057993.D
Acq: 8 Jun 2018 3:08

Tgt Ion: 117 Resp: 692335
Ion Ratio Lower Upper
117 100
82 61.7 46.8 70.2
119 32.6 25.8 38.6

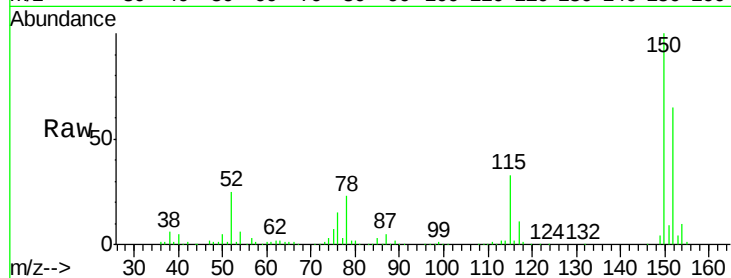




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.90 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD057993.D
 Acq: 8 Jun 2018 3:08

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-29(0-5)

Tot Ion:152 Resp: 339804
 Ion Ratio Lower Upper
 152 100
 115 51.6 25.6 76.6
 150 154.4 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

