

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058172.D
 Acq On : 16 Jun 2018 00:39
 Operator : VA/AP
 Sample : J3500-01RE
 Misc : 3.42g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-56(0-5)RE

Quant Time: Jun 16 01:06:39 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

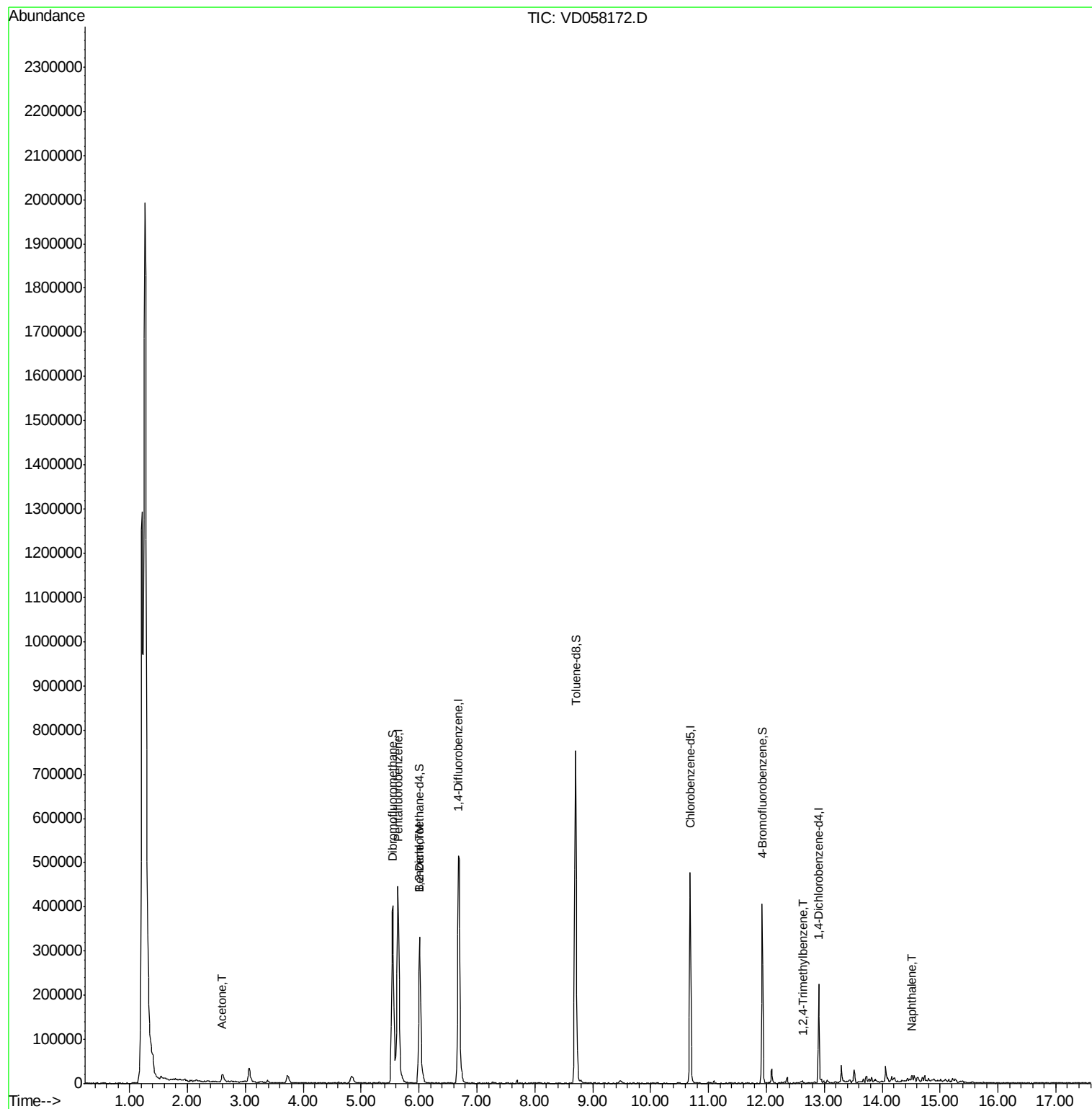
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	440617	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	534379	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.69	117	265304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	47652	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	296953	67.41	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	134.82%	
35) Dibromofluoromethane	5.55	113	319901	77.37	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	154.74%	
50) Toluene-d8	8.71	98	616214	62.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.38%	
62) 4-Bromofluorobenzene	11.93	95	106406	24.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.62%	
Target Compounds						
16) Acetone	2.60	43	39589	62.379	ug/l	93
40) Benzene	6.01	78	30737	2.235	ug/l #	89
84) 1,2,4-Trimethylbenzene	12.63	105	3452	1.304	ug/l	93
95) Naphthalene	14.52	128	8111	5.272	ug/l #	93

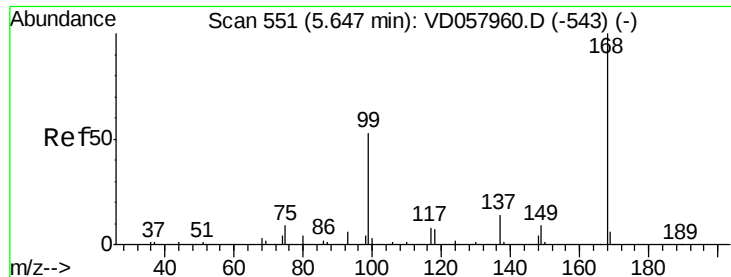
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058172.D

Acq: 16 Jun 2018 00:39

Instrument :

MSVOA_D

ClientSampleId :

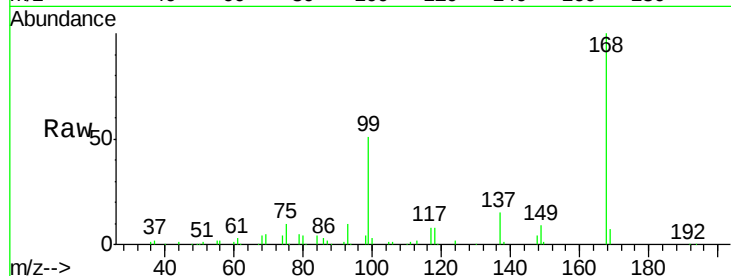
SB-56(0-5)RE

Tot Ion:168 Resp: 440617

Ion Ratio Lower Upper

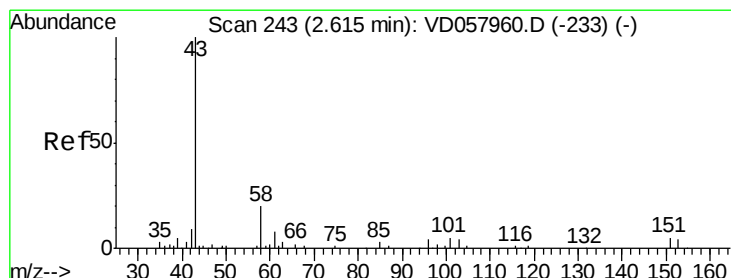
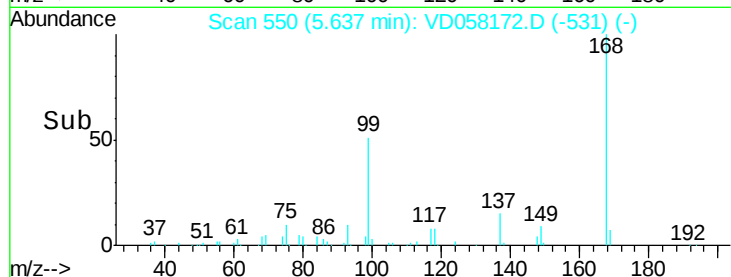
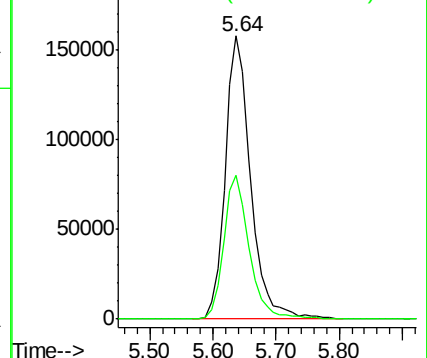
168 100

99 50.8 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: 62.379 ug/l

RT: 2.60 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058172.D

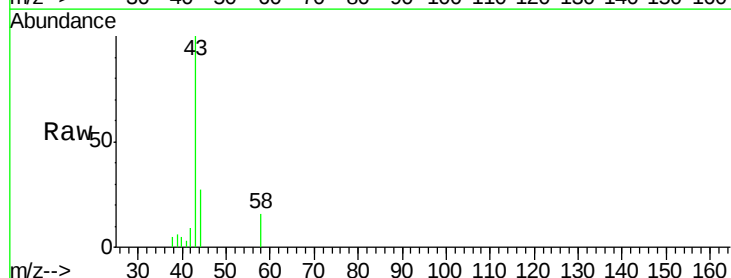
Acq: 16 Jun 2018 00:39

Tgt Ion: 43 Resp: 39589

Ion Ratio Lower Upper

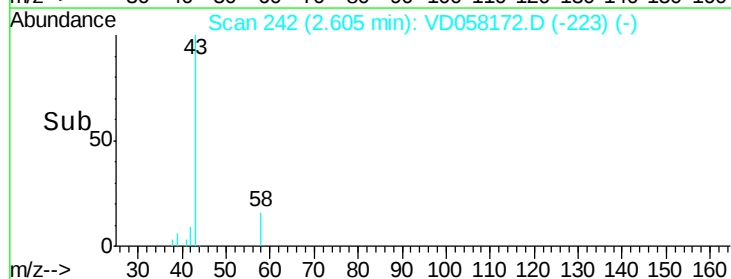
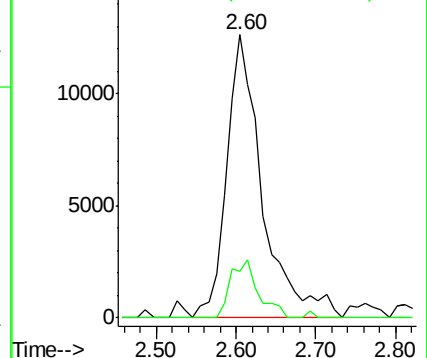
43 100

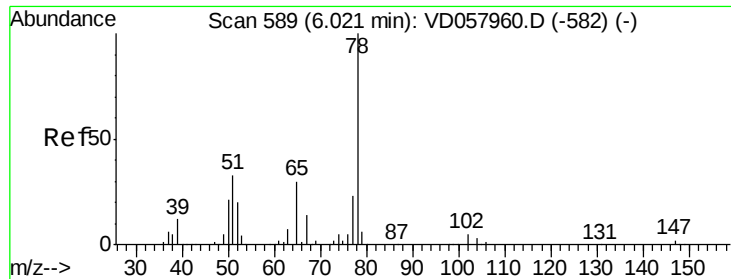
58 16.5 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): 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: VD058172.D

Acq: 16 Jun 2018 00:39

Instrument :

MSVOA_D

ClientSampleId :

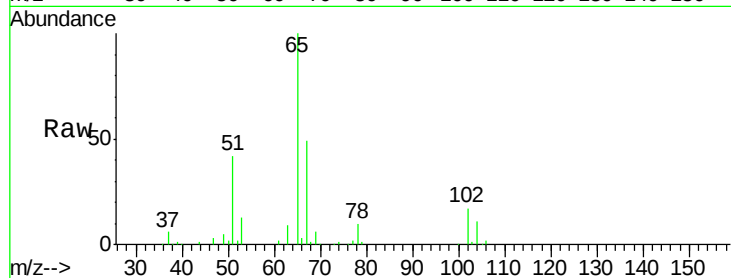
SB-56(0-5)RE

Tot Ion: 65 Resp: 296953

Ion Ratio Lower Upper

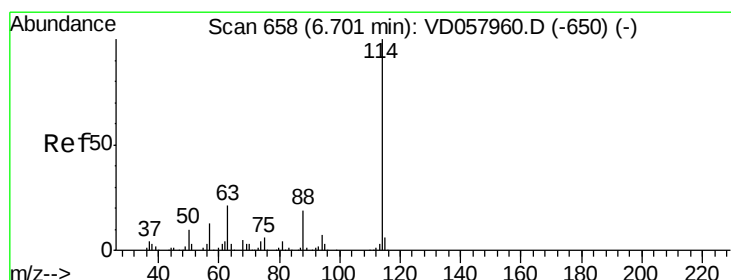
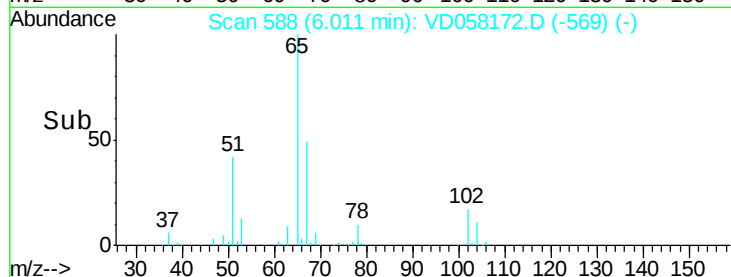
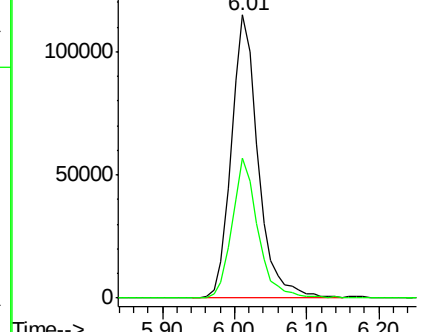
65 100

67 49.3 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: VD058172.D

Acq: 16 Jun 2018 00:39

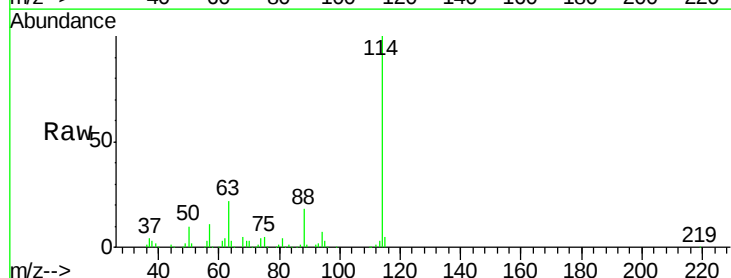
Tgt Ion: 114 Resp: 534379

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.8

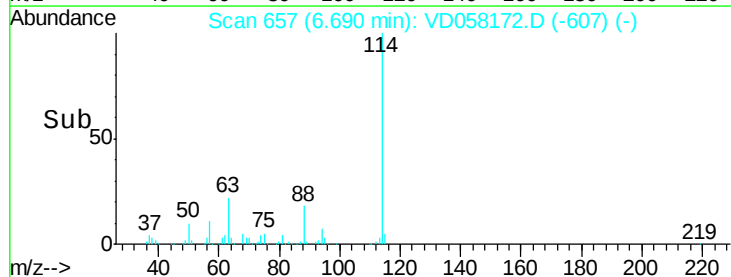
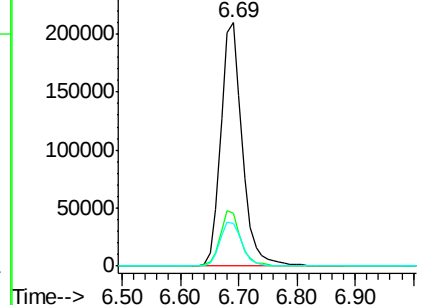
88 17.6 0.0 37.8

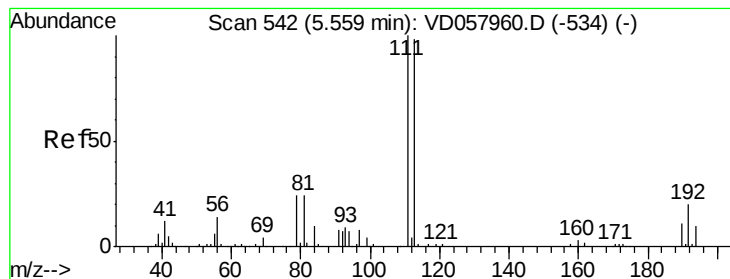


Abundance Ion 114.00 (113.70 to 114.70): VDC

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: VD058172.D

Acq: 16 Jun 2018 00:39

Instrument :

MSVOA_D

ClientSampleId :

SB-56(0-5)RE

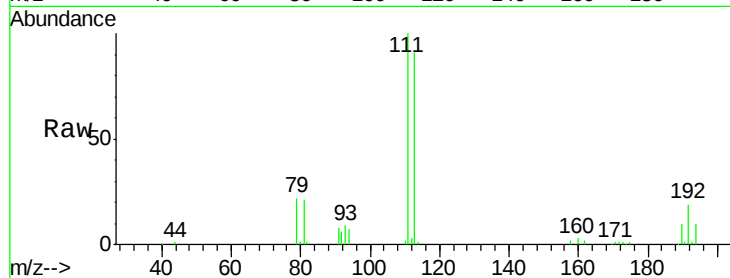
Tot Ion:113 Resp: 319901

Ion Ratio Lower Upper

113 100

111 110.0 81.5 122.3

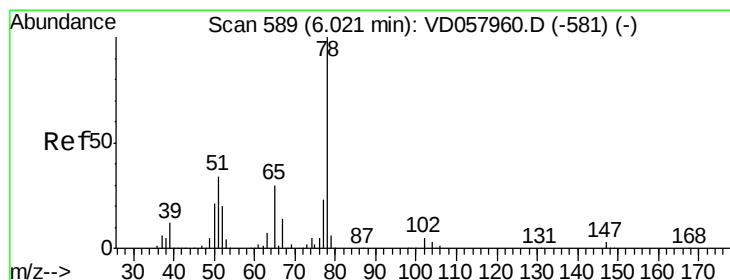
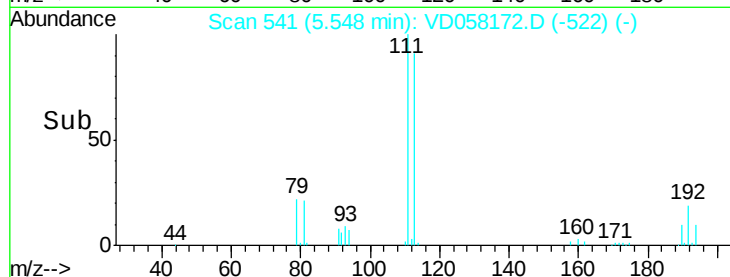
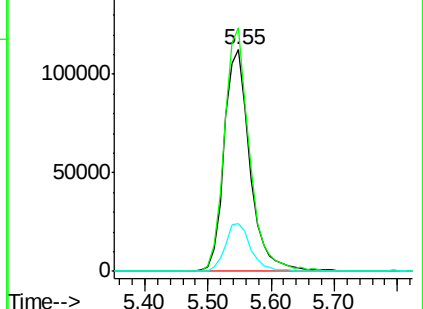
192 21.3 16.4 24.6



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



#40

Benzene

Concen: 2.235 ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058172.D

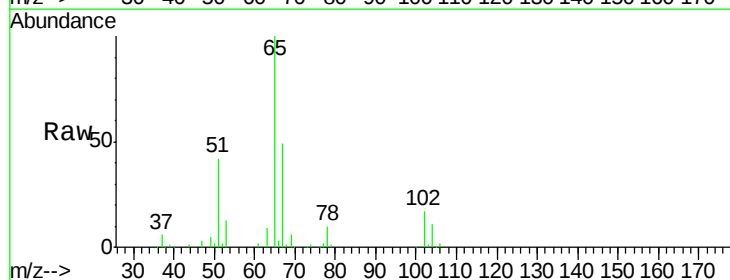
Acq: 16 Jun 2018 00:39

Tgt Ion: 78 Resp: 30737

Ion Ratio Lower Upper

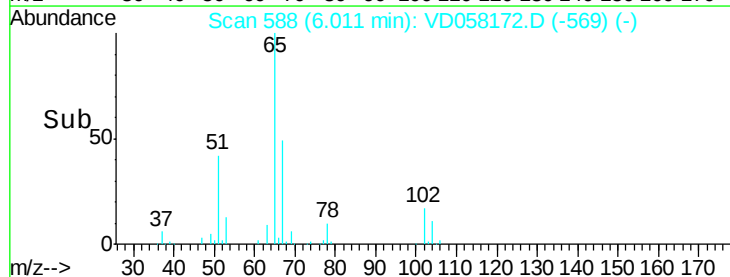
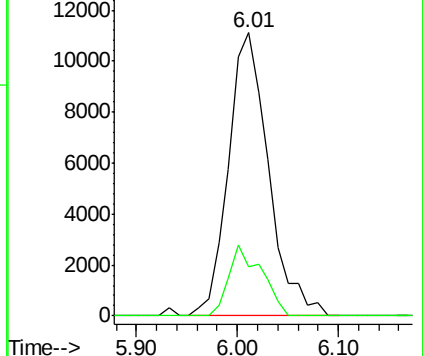
78 100

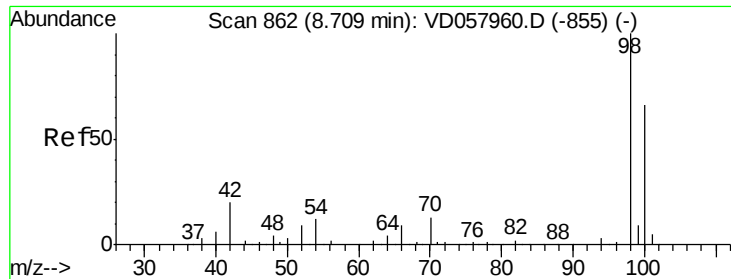
77 17.4 18.1 27.1#



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 862

Delta R.T. -0.00 min

Lab File: VD058172.D

Acq: 16 Jun 2018 00:39

Instrument :

MSVOA_D

ClientSampleId :

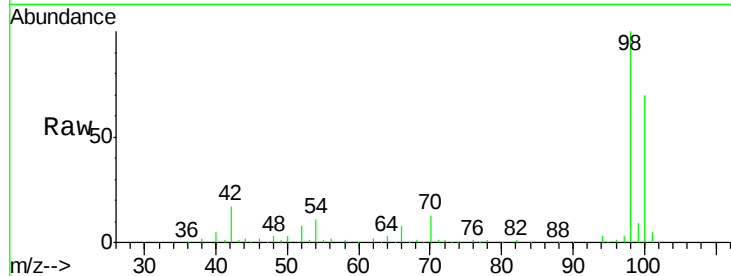
SB-56(0-5)RE

Tot Ion: 98 Resp: 616214

Ion Ratio Lower Upper

98 100

100 69.7 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.71

250000

200000

150000

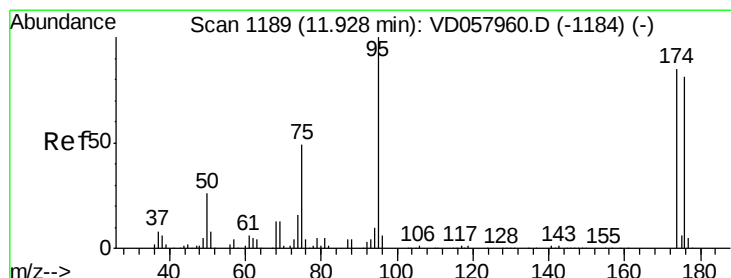
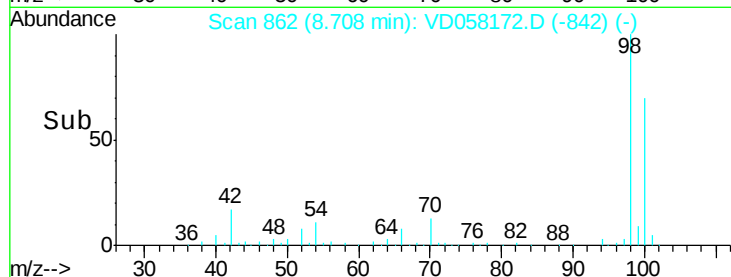
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD058172.D

Acq: 16 Jun 2018 00:39

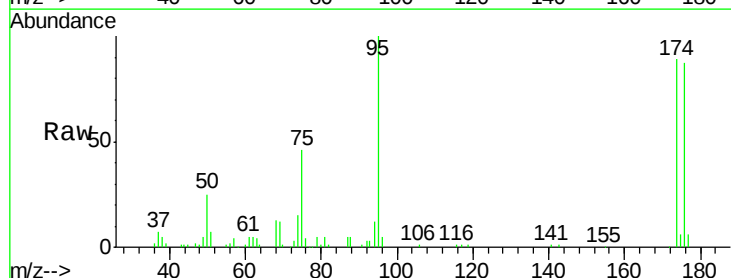
Tgt Ion: 95 Resp: 106406

Ion Ratio Lower Upper

95 100

174 88.7 0.0 169.4

176 87.1 0.0 162.6



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

11.93

100000

80000

60000

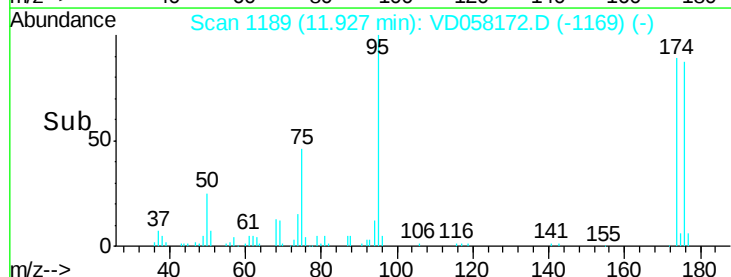
40000

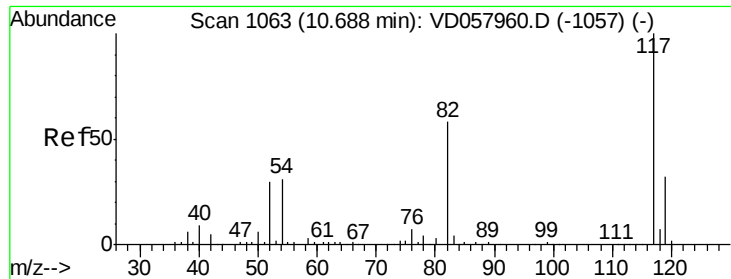
20000

0

11.90 12.00

Time-->

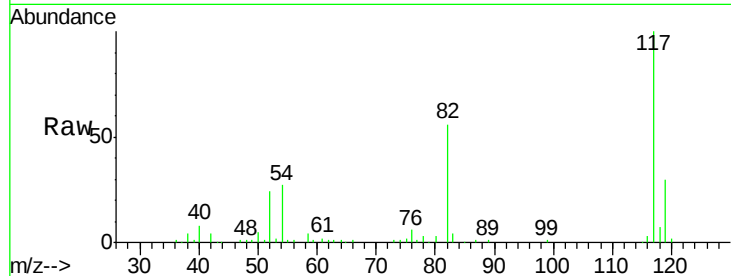




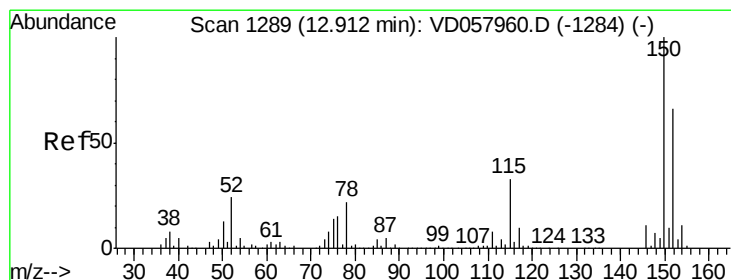
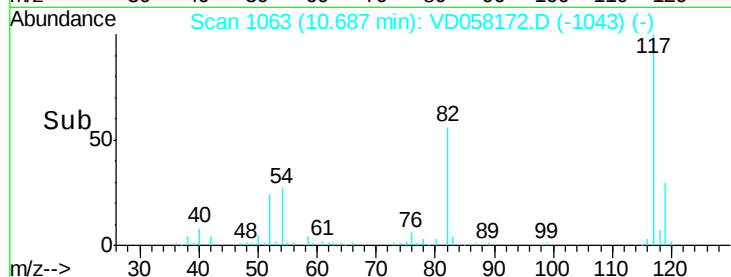
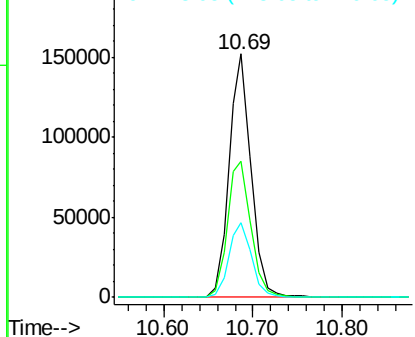
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD058172.D
Acq: 16 Jun 2018 00:39

Instrument :
MSVOA_D
ClientSampleId :
SB-56(0-5)RE

Tot Ion:117 Resp: 265304
Ion Ratio Lower Upper
117 100
82 56.1 46.8 70.2
119 30.4 25.8 38.6

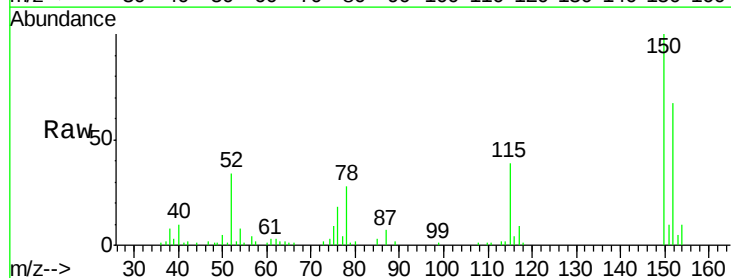


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

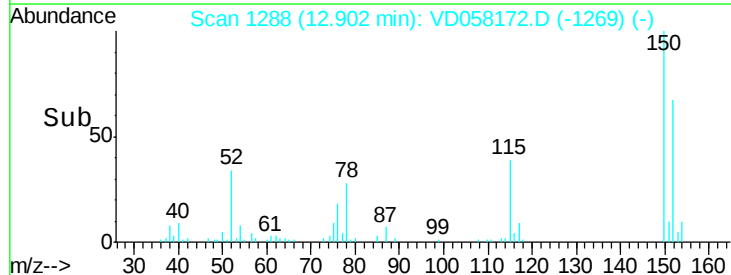
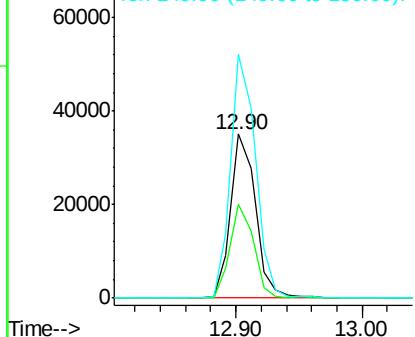


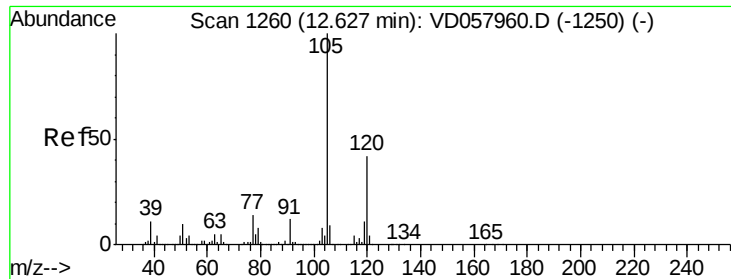
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058172.D
Acq: 16 Jun 2018 00:39

Tgt Ion:152 Resp: 47652
Ion Ratio Lower Upper
152 100
115 57.4 25.6 76.6
150 148.7 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





#84

1,2,4-Trimethylbenzene

Concen: 1.304 ug/l

RT: 12.63 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VD058172.D

Acq: 16 Jun 2018 00:39

Instrument :

MSVOA_D

ClientSampleId :

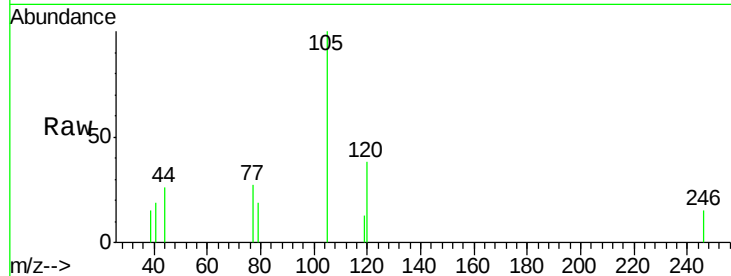
SB-56(0-5)RE

Tot Ion:105 Resp: 3452

Ion Ratio Lower Upper

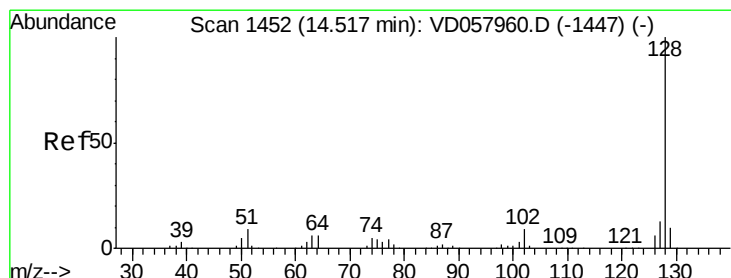
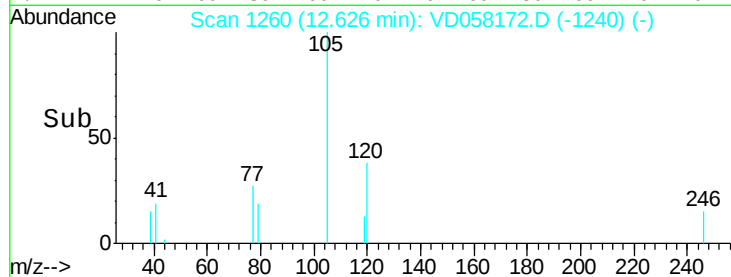
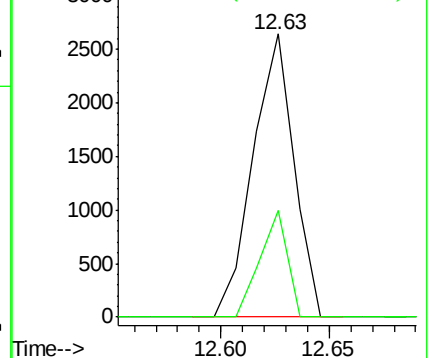
105 100

120 37.8 21.2 63.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#95

Naphthalene

Concen: 5.272 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VD058172.D

Acq: 16 Jun 2018 00:39

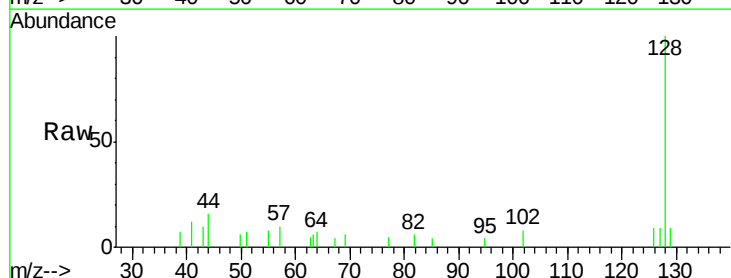
Tgt Ion:128 Resp: 8111

Ion Ratio Lower Upper

128 100

127 8.6 10.2 15.2#

129 9.4 8.2 12.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

