

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057980.D
 Acq On : 7 Jun 2018 19:11
 Operator : JC/SY
 Sample : J3305-01
 Misc : 6.47g/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-1-DRUM-2-ROCKS

Quant Time: Jun 08 07:58:05 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

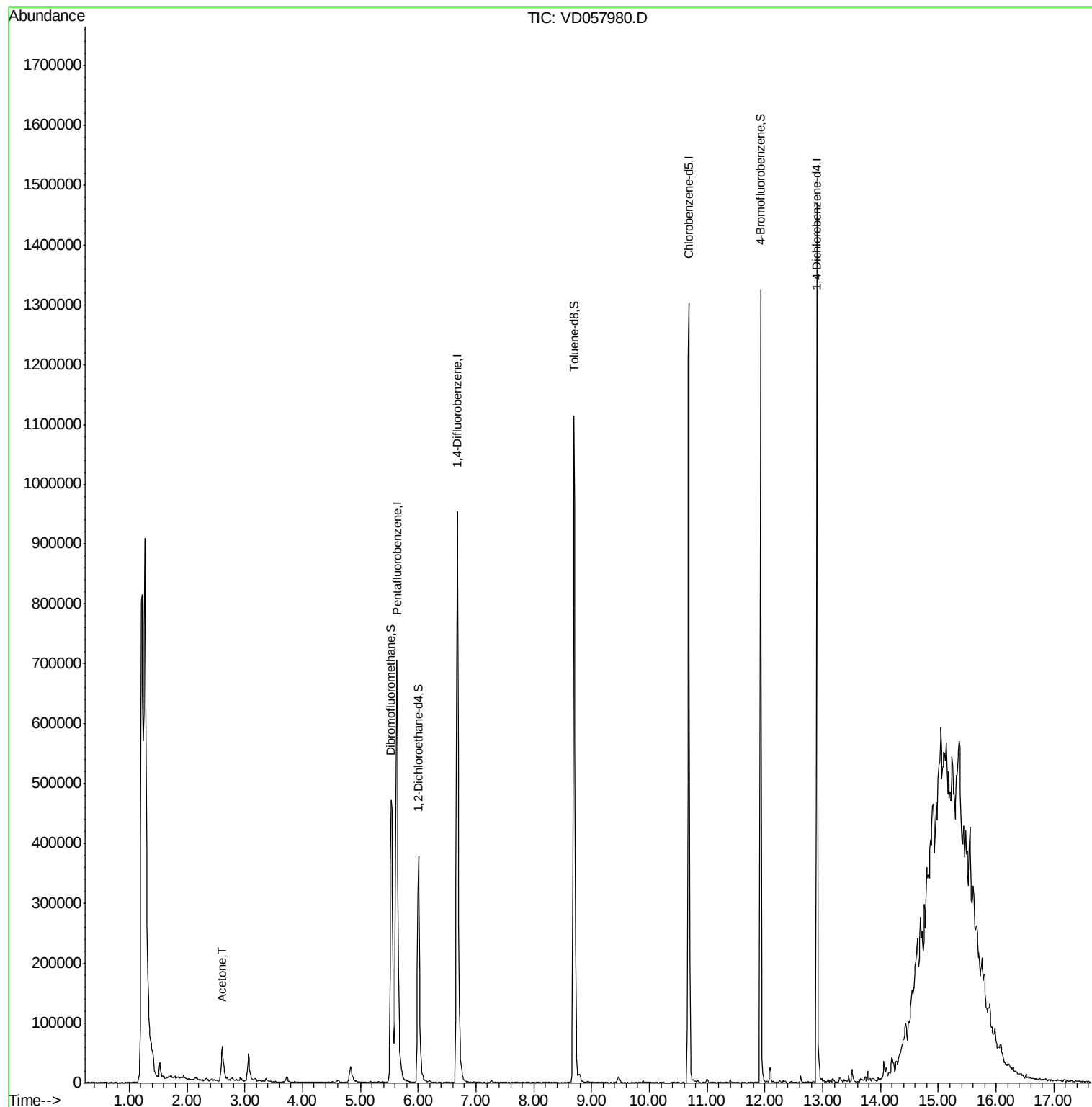
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	704321	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	961319	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.68	117	729548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	321428	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	378979	53.82	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.64%	
35) Dibromofluoromethane	5.53	113	396018	53.24	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	106.48%	
50) Toluene-d8	8.69	98	861700	48.73	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.92	95	334443	43.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.72%	
Target Compounds						
16) Acetone	2.61	43	123496	121.733	ug/l	Qvalue 99

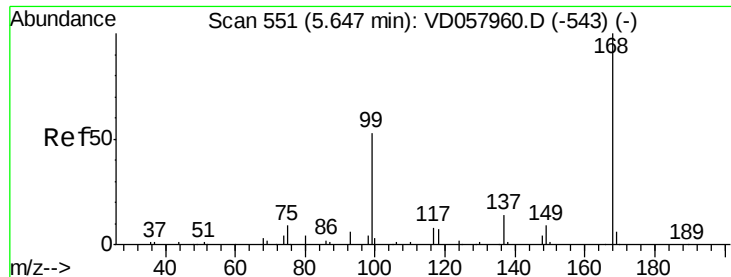
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD057980.D

Acq: 7 Jun 2018 19:11

Instrument :

MSVOA_D

ClientSampleId :

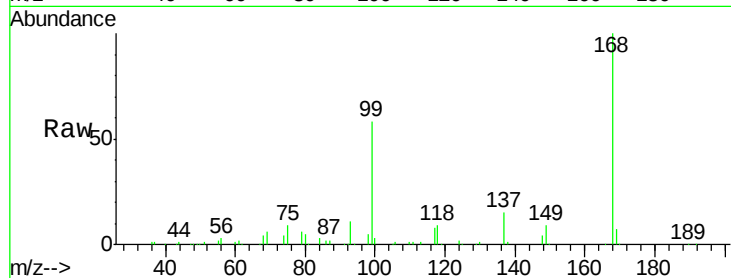
DRUM-1-DRUM-2-ROCKS

Tot Ion:168 Resp: 704321

Ion Ratio Lower Upper

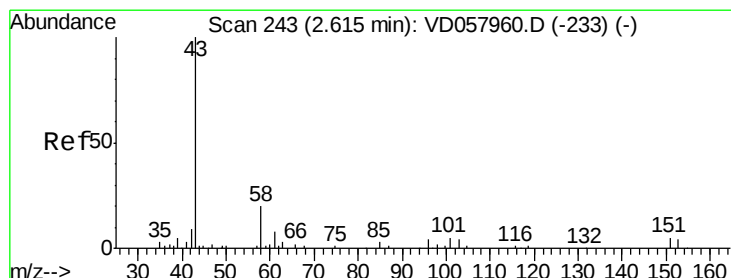
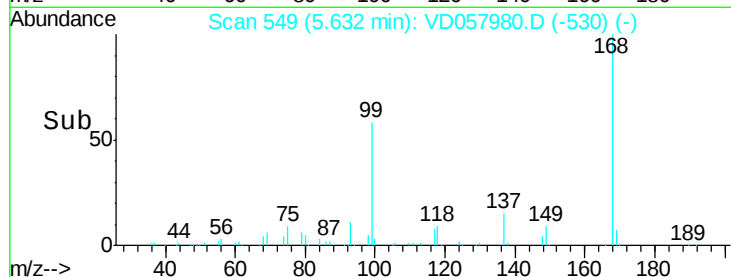
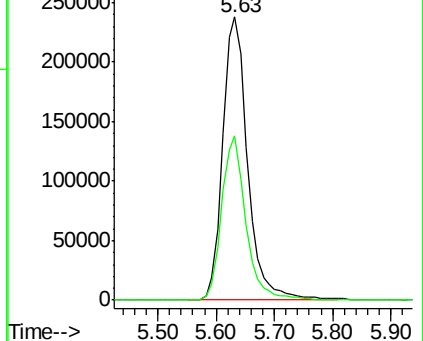
168 100

99 57.9 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: 121.733 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD057980.D

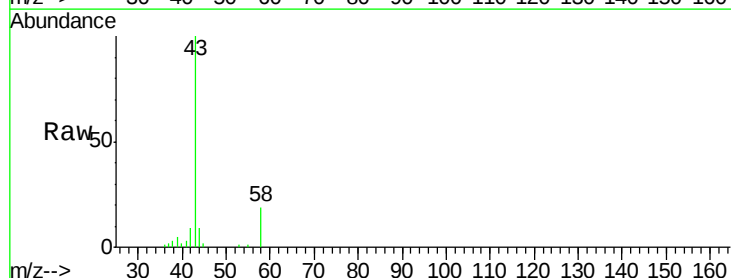
Acq: 7 Jun 2018 19:11

Tgt Ion: 43 Resp: 123496

Ion Ratio Lower Upper

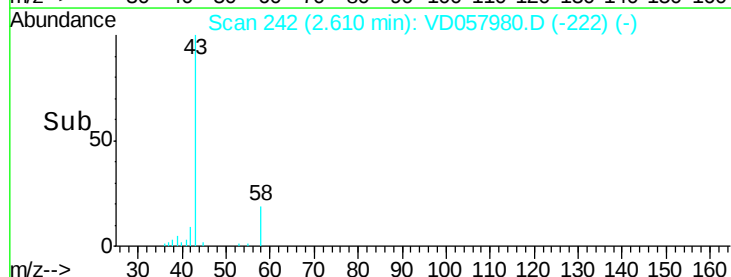
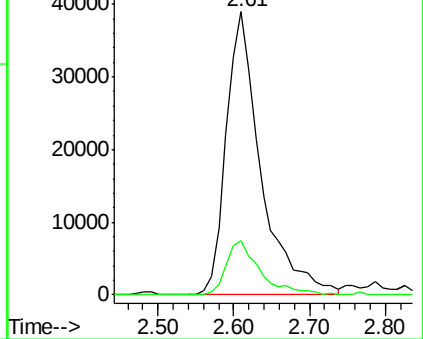
43 100

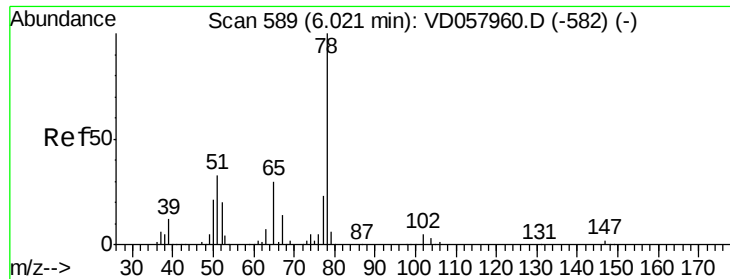
58 19.4 15.8 23.8



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# 587

Delta R.T. -0.02 min

Lab File: VD057980.D

Acq: 7 Jun 2018 19:11

Instrument :

MSVOA_D

ClientSampleId :

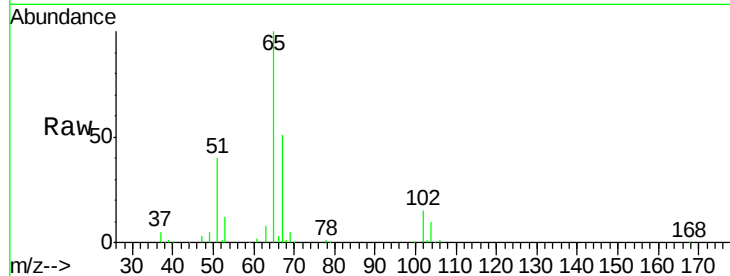
DRUM-1-DRUM-2-ROCKS

Tot Ion: 65 Resp: 378979

Ion Ratio Lower Upper

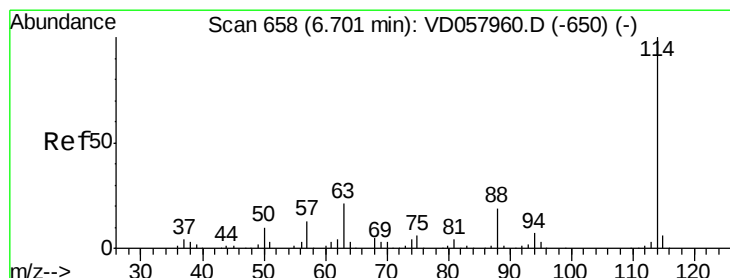
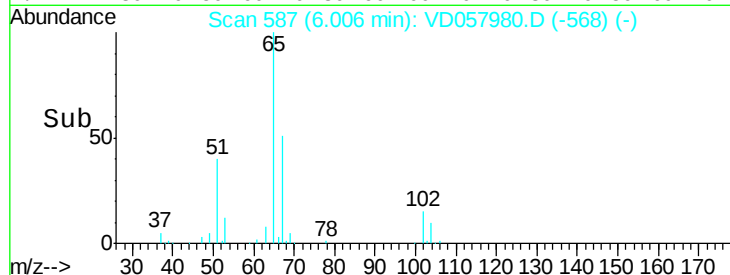
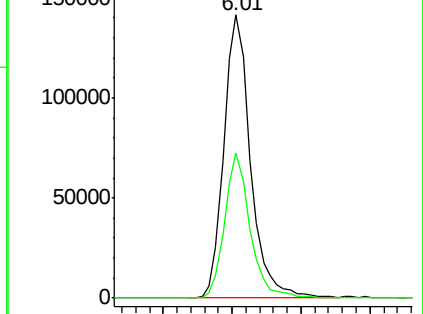
65 100

67 51.3 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: 6.68 min Scan# 655

Delta R.T. -0.03 min

Lab File: VD057980.D

Acq: 7 Jun 2018 19:11

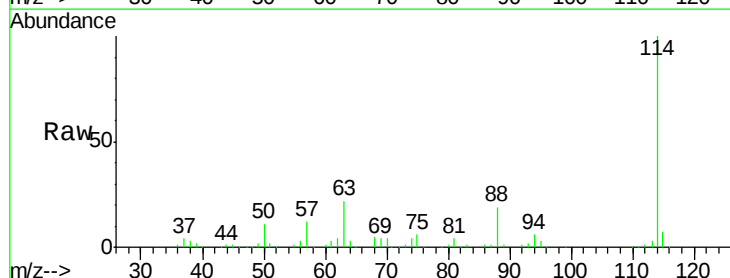
Tgt Ion: 114 Resp: 961319

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.8

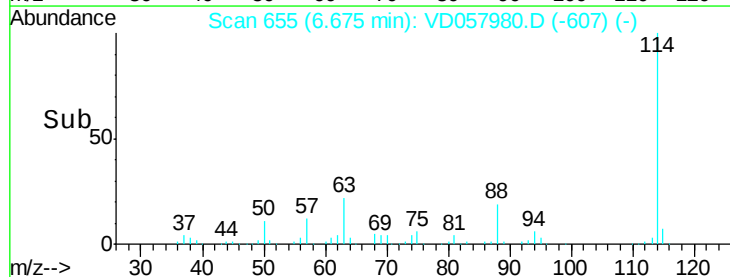
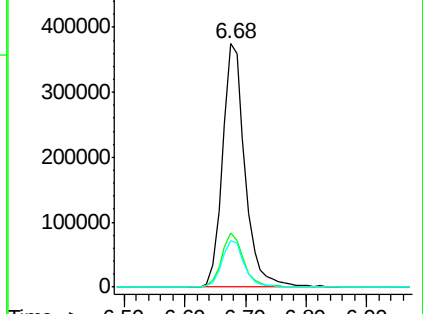
88 19.0 0.0 37.8

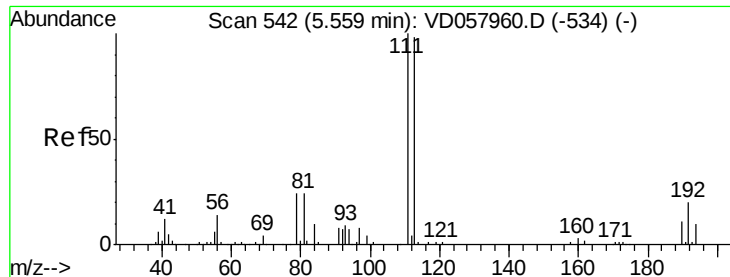


Abundance Ion 114.00 (113.70 to 114.70): V

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: 5.53 min Scan# 539

Delta R.T. -0.03 min

Lab File: VD057980.D

Acq: 7 Jun 2018 19:11

Instrument :

MSVOA_D

ClientSampleId :

DRUM-1-DRUM-2-ROCKS

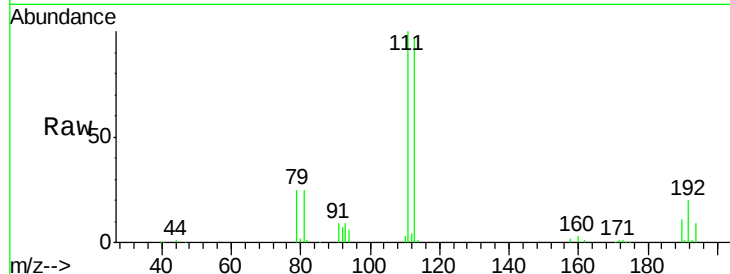
Tot Ion:113 Resp: 396018

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

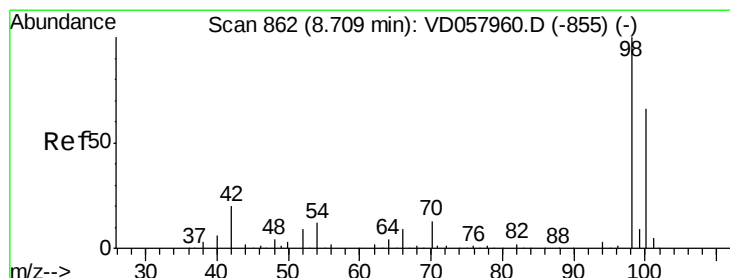
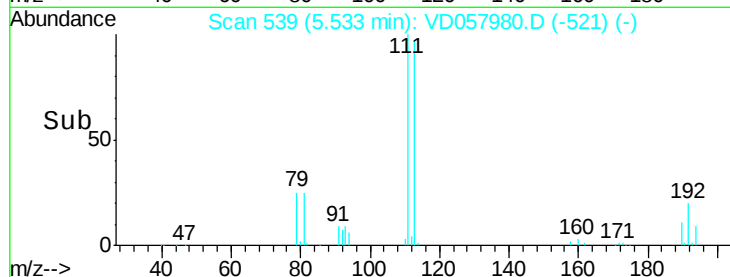
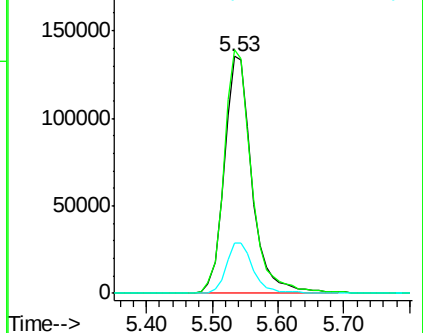
192 21.1 16.4 24.6



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: 8.69 min Scan# 860

Delta R.T. -0.02 min

Lab File: VD057980.D

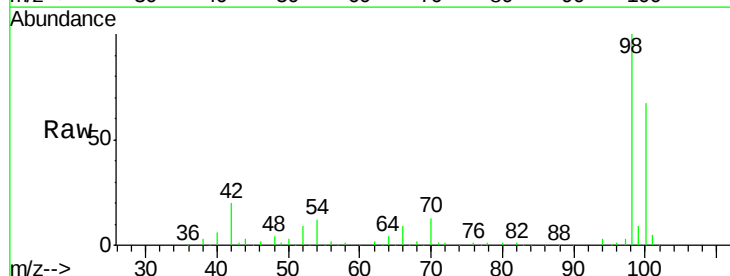
Acq: 7 Jun 2018 19:11

Tgt Ion: 98 Resp: 861700

Ion Ratio Lower Upper

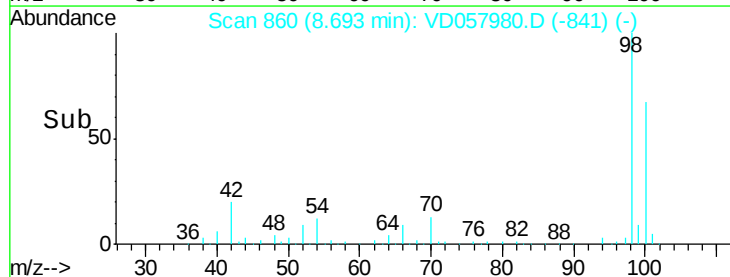
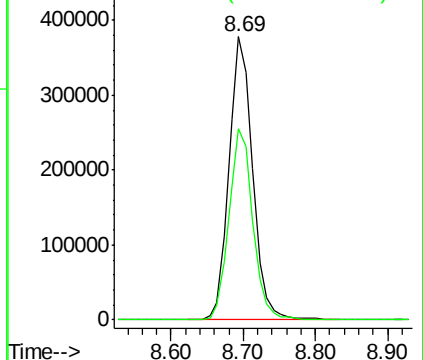
98 100

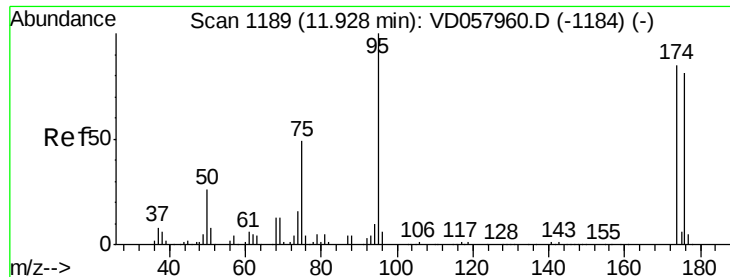
100 67.4 53.4 80.0



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: VD057980.D

Acq: 7 Jun 2018 19:11

Instrument :

MSVOA_D

ClientSampleId :

DRUM-1-DRUM-2-ROCKS

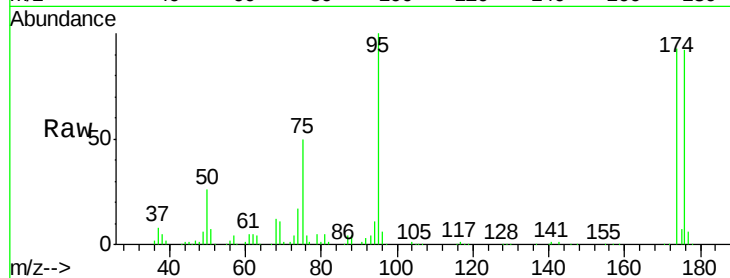
Tot Ion: 95 Resp: 334443

Ion Ratio Lower Upper

95 100

174 92.6 0.0 169.4

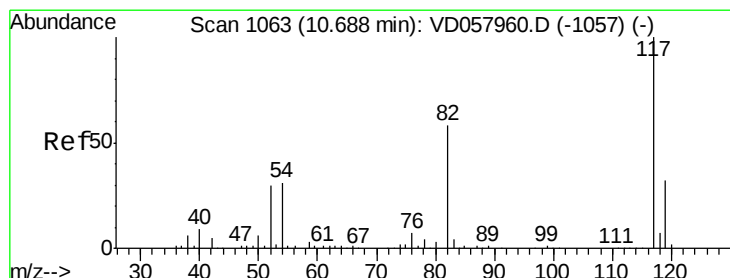
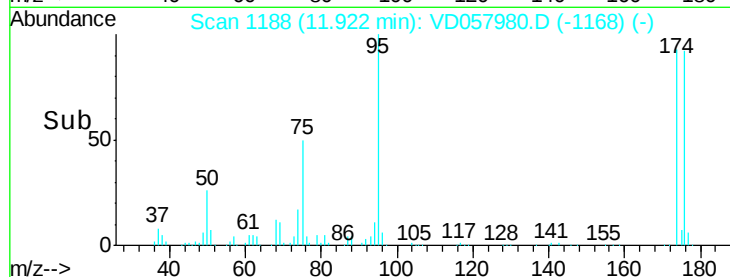
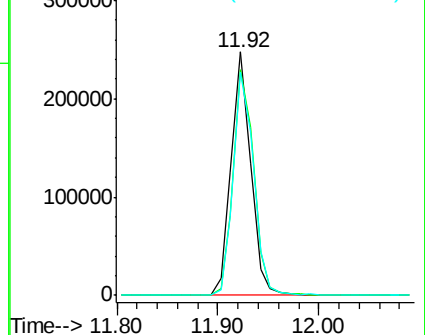
176 91.8 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): V

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: VD057980.D

Acq: 7 Jun 2018 19:11

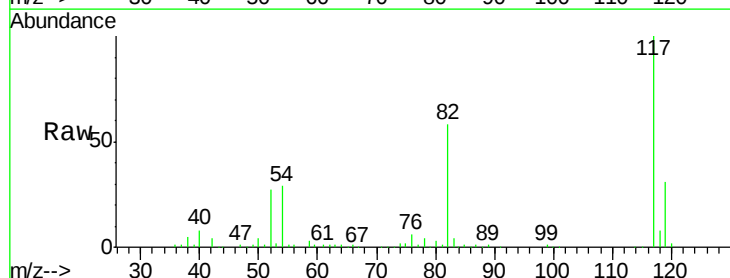
Tgt Ion: 117 Resp: 729548

Ion Ratio Lower Upper

117 100

82 58.0 46.8 70.2

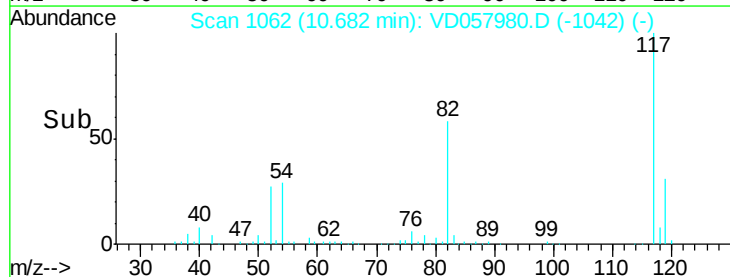
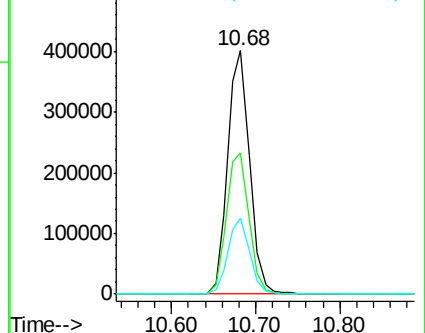
119 31.2 25.8 38.6

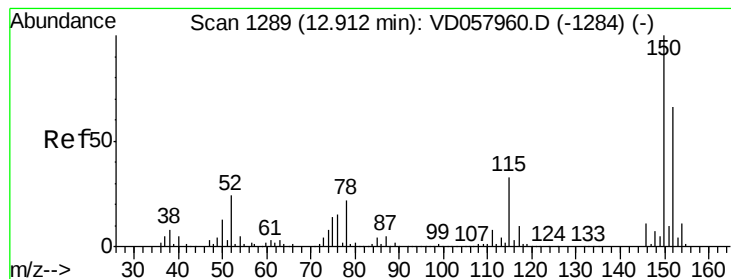


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



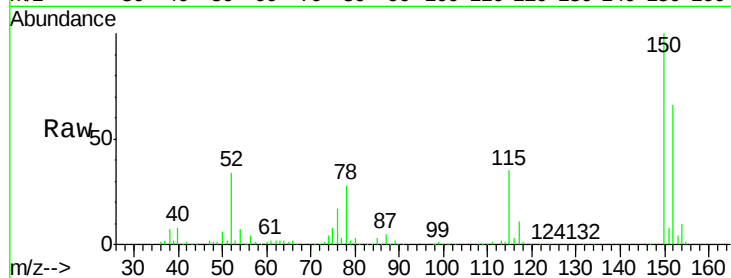


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.90 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: VD057980.D
 Acq: 7 Jun 2018 19:11

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-1-DRUM-2-ROCKS

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.5	25.6	76.6
150	152.0	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

