

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058054.D
 Acq On : 9 Jun 2018 10:08
 Operator : VA/AP
 Sample : J3325-01
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BS-OILY-STONE-RO-156

Quant Time: Jun 11 04:49:42 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	613812	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.67	114	827908	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.68	117	657919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	316499	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	353439	57.60	ug/l	-0.02
Spiked Amount			Recovery	=	115.20%	
35) Dibromofluoromethane	5.53	113	374851	58.52	ug/l	-0.03
Spiked Amount			Recovery	=	117.04%	
50) Toluene-d8	8.69	98	877773	57.64	ug/l	-0.02
Spiked Amount			Recovery	=	115.28%	
62) 4-Bromofluorobenzene	11.92	95	358186	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	

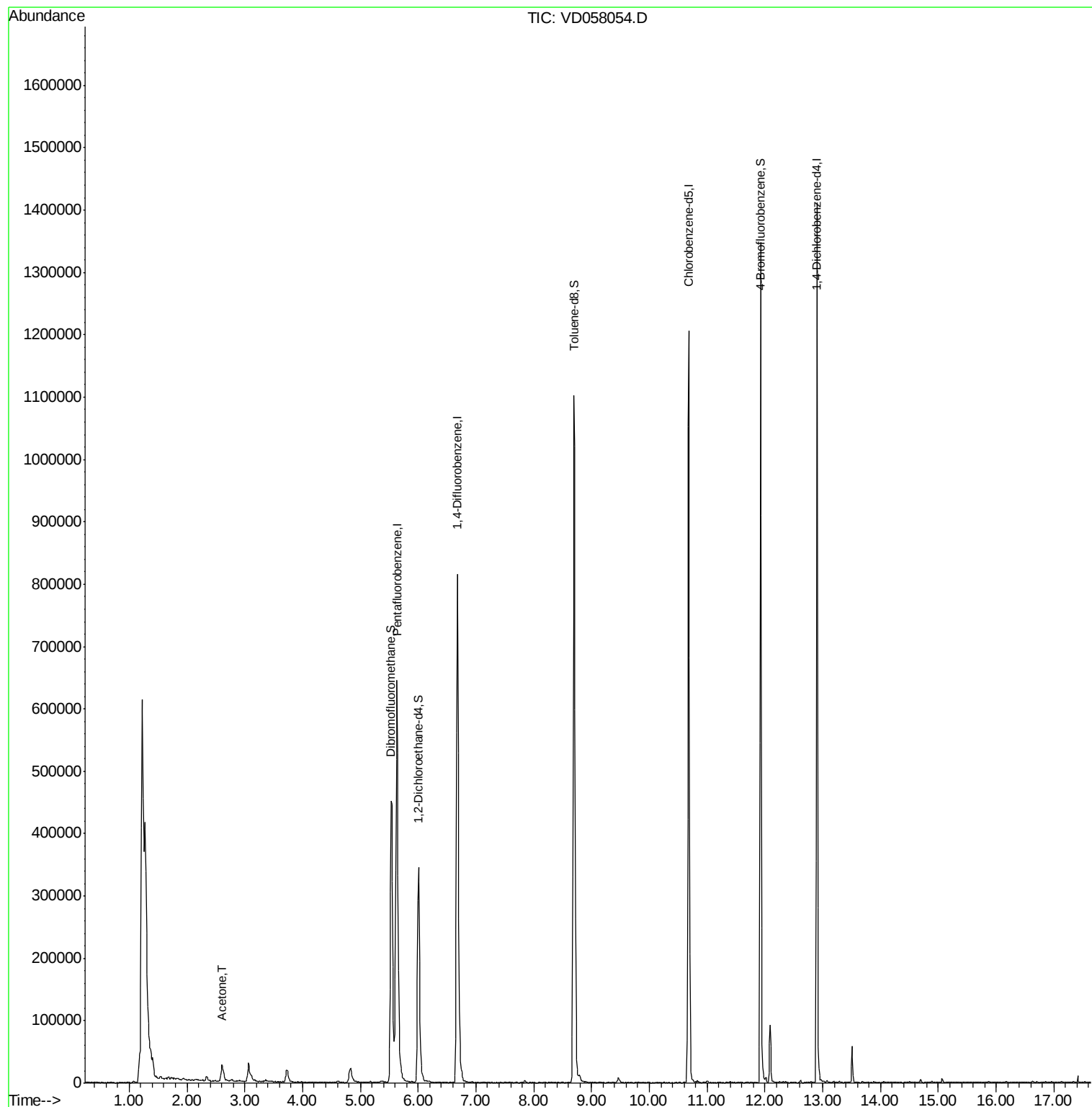
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	61398	69.45	ug/l	# 90

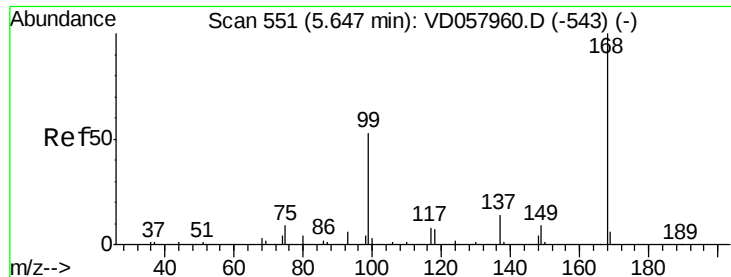
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060818\
Data File : VD058054.D
Acq On : 9 Jun 2018 10:08
Operator : VA/AP
Sample : J3325-01
Misc : 5.03g/5ml/MSVOA D/SOIL
ALS Vial : 73 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BS-OILY-STONE-RO-156

Quant Time: Jun 11 04:49:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD058054.D

Acq: 9 Jun 2018 10:08

Instrument :

MSVOA_D

ClientSampleId :

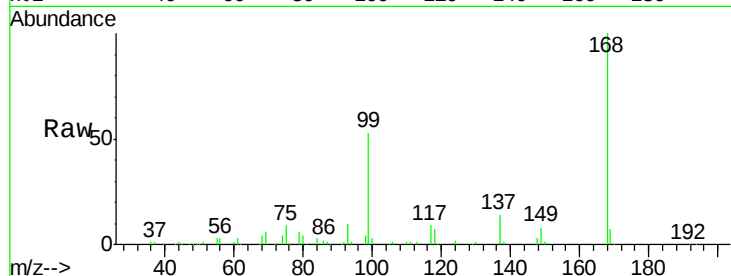
BS-OILY-STONE-RO-156

Tot Ion:168 Resp: 613812

Ion Ratio Lower Upper

168 100

99 53.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

250000

200000

150000

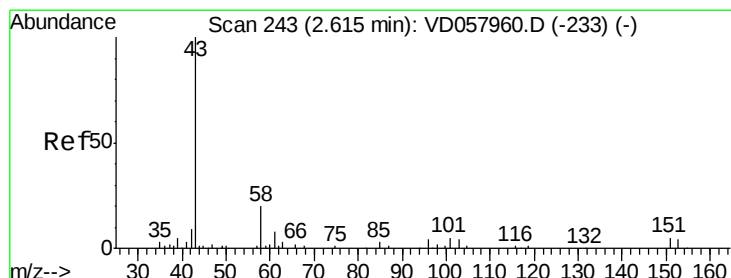
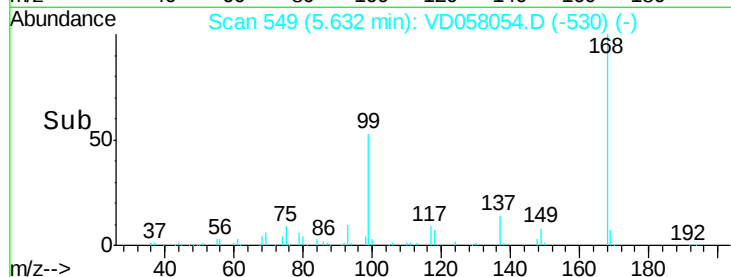
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 69.45 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD058054.D

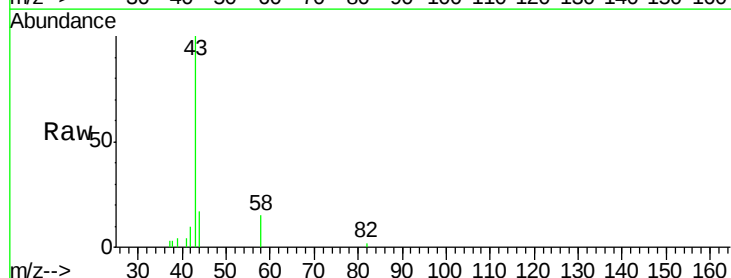
Acq: 9 Jun 2018 10:08

Tgt Ion: 43 Resp: 61398

Ion Ratio Lower Upper

43 100

58 15.4 15.8 23.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.60

20000

15000

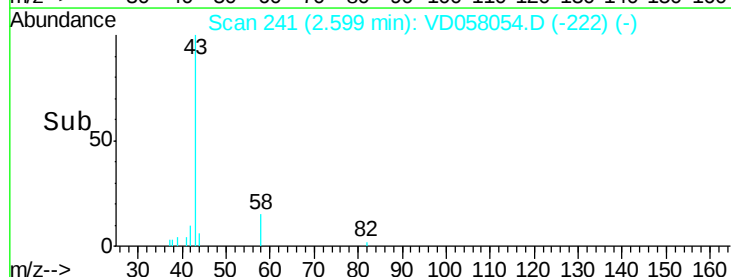
10000

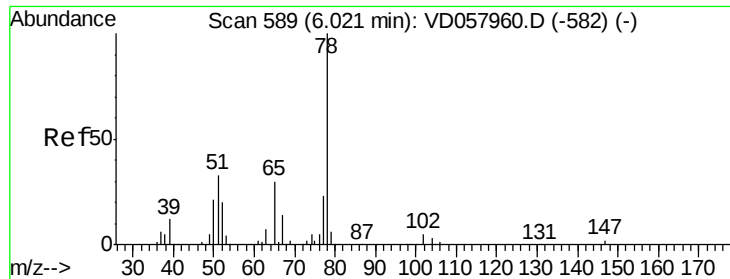
5000

0

Time-->

2.50 2.60 2.70 2.80





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD058054.D

Acq: 9 Jun 2018 10:08

Instrument :

MSVOA_D

ClientSampleId :

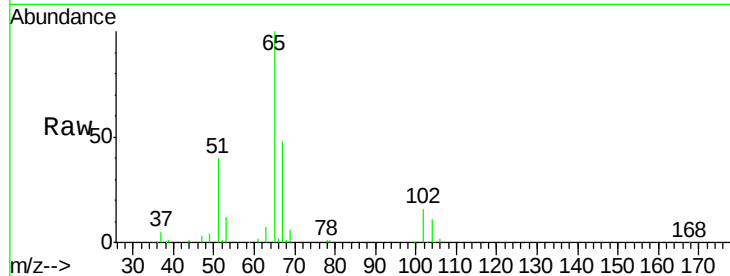
BS-OILY-STONE-RO-156

Tot Ion: 65 Resp: 353439

Ion Ratio Lower Upper

65 100

67 48.1 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.01

150000

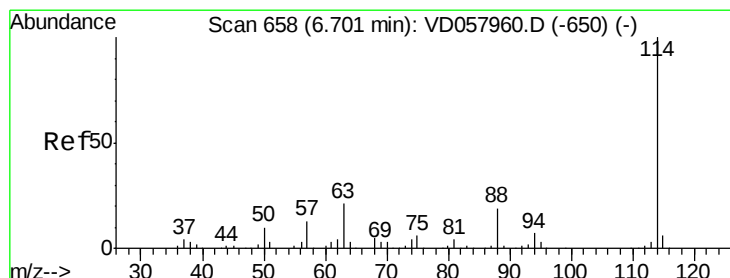
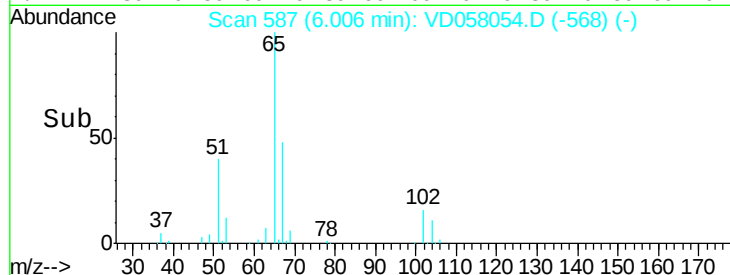
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.67 min Scan# 655

Delta R.T. -0.03 min

Lab File: VD058054.D

Acq: 9 Jun 2018 10:08

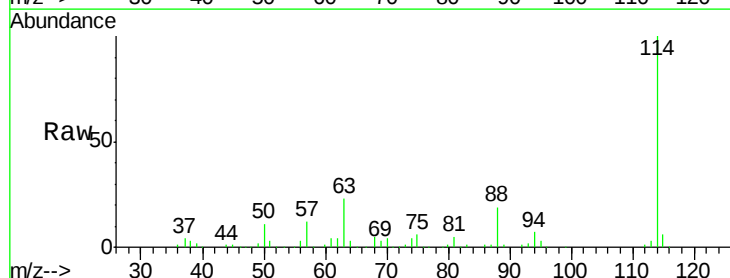
Tgt Ion: 114 Resp: 827908

Ion Ratio Lower Upper

114 100

63 22.8 0.0 42.8

88 19.3 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

6.67

400000

300000

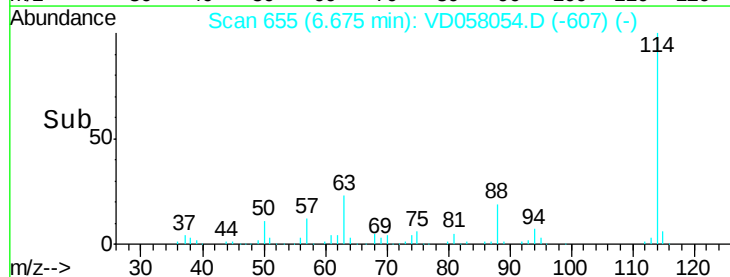
200000

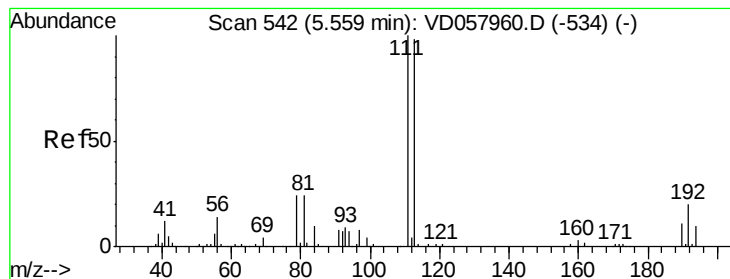
100000

0

Time-->

6.60 6.70 6.80





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.53 min Scan# 539

Delta R.T. -0.03 min

Lab File: VD058054.D

Acq: 9 Jun 2018 10:08

Instrument :

MSVOA_D

ClientSampleId :

BS-OILY-STONE-RO-156

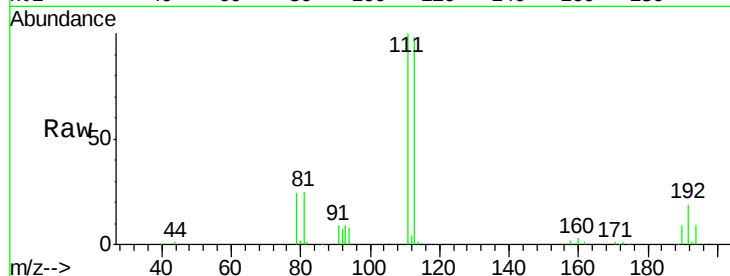
Tot Ion:113 Resp: 374851

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

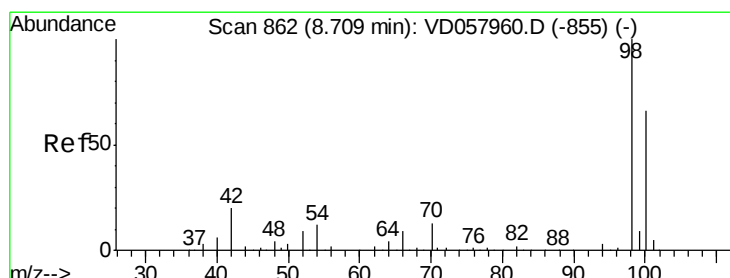
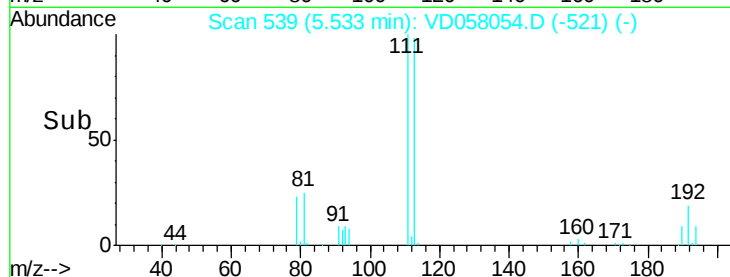
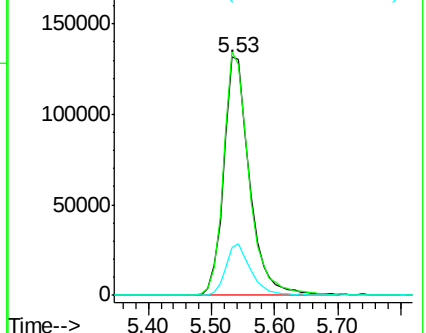
192 19.8 16.4 24.6



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: 8.69 min Scan# 860

Delta R.T. -0.02 min

Lab File: VD058054.D

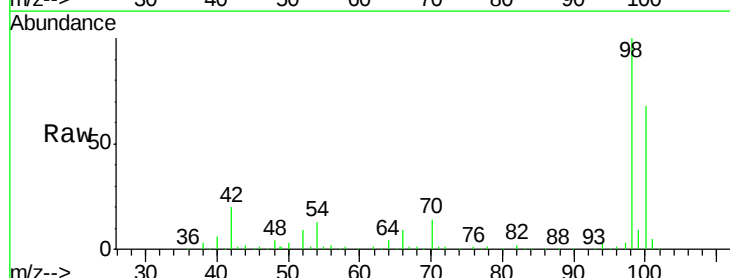
Acq: 9 Jun 2018 10:08

Tgt Ion: 98 Resp: 877773

Ion Ratio Lower Upper

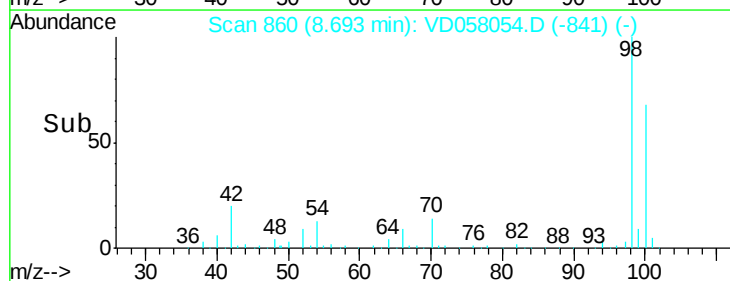
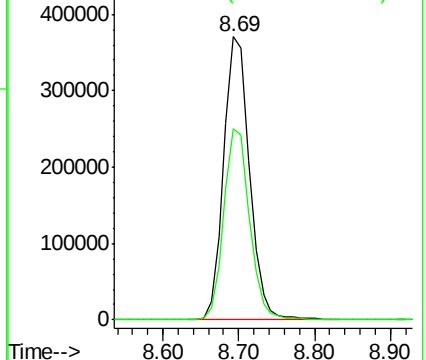
98 100

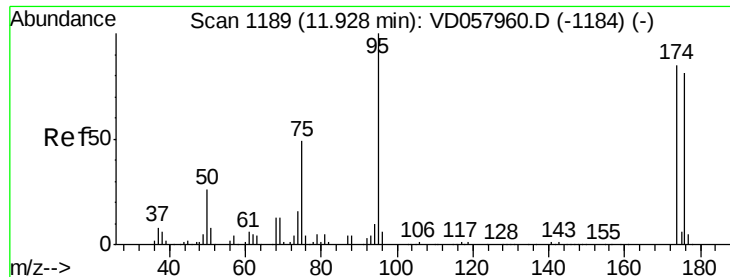
100 67.6 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD058054.D

Acq: 9 Jun 2018 10:08

Instrument :

MSVOA_D

ClientSampleId :

BS-OILY-STONE-RO-156

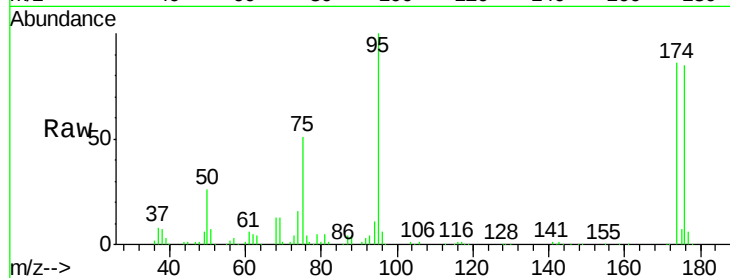
Tot Ion: 95 Resp: 358186

Ion Ratio Lower Upper

95 100

174 86.2 0.0 169.4

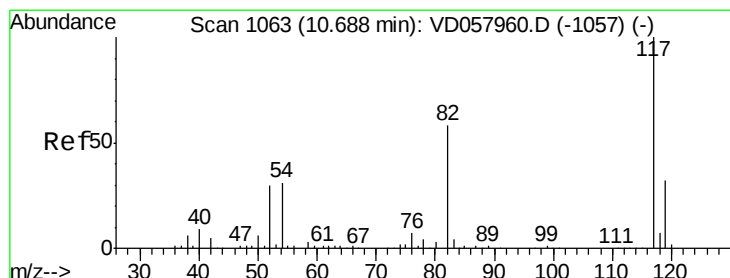
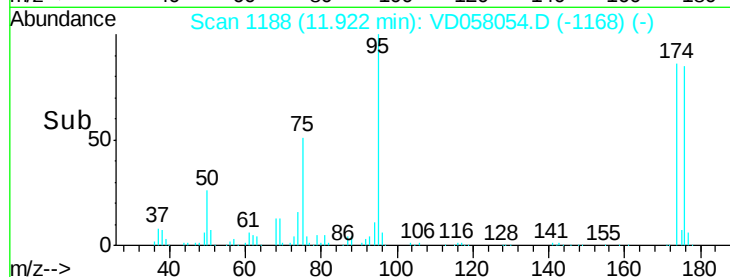
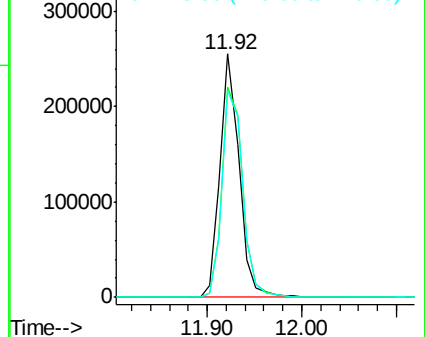
176 84.8 0.0 162.6



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: 50.00 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD058054.D

Acq: 9 Jun 2018 10:08

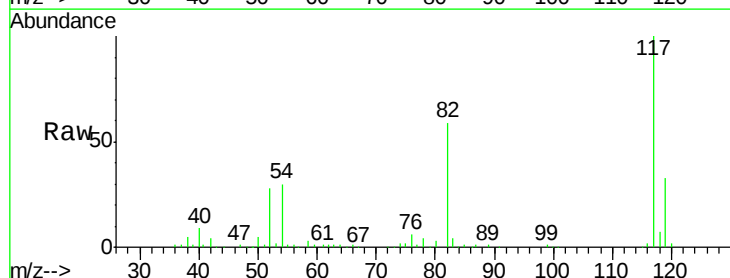
Tgt Ion: 117 Resp: 657919

Ion Ratio Lower Upper

117 100

82 59.5 46.8 70.2

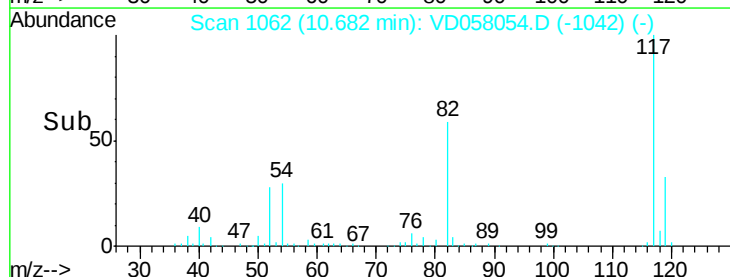
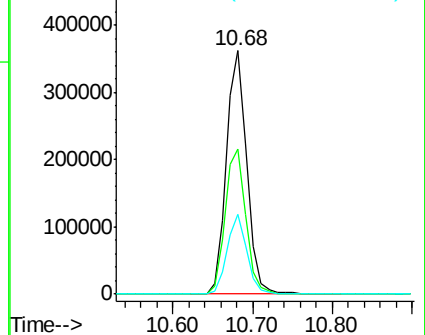
119 32.7 25.8 38.6

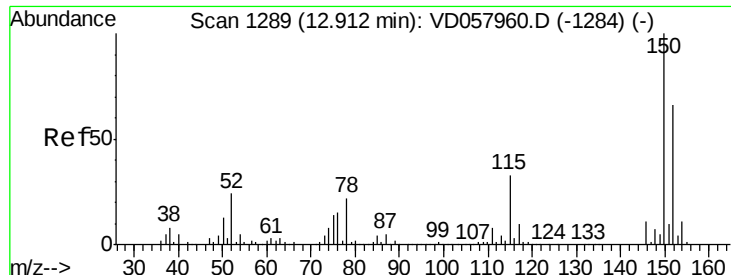


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

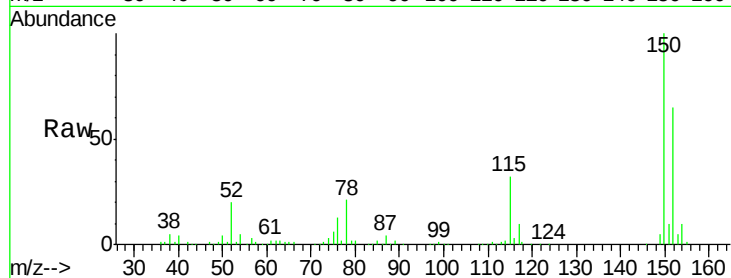




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.91 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD058054.D
 Acq: 9 Jun 2018 10:08

Instrument :
 MSVOA_D
 ClientSampleId :
 BS-OILY-STONE-RO-156

Tot Ion	Ratio	Lower	Upper
152	100		
115	49.0	25.6	76.6
150	154.1	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

