

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061818\
 Data File : VD058189.D
 Acq On : 18 Jun 2018 19:02
 Operator : VA/AP
 Sample : J3554-07
 Misc : 6.21g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-6(3.0)

Quant Time: Jun 19 07:07:01 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	625462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	877647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	704940	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.92	152	391998	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	391972	62.69	ug/l	0.00
Spiked Amount						
			Recovery	=	125.38%	
35) Dibromofluoromethane	5.54	113	369405	54.40	ug/l	-0.02
Spiked Amount						
			Recovery	=	108.80%	
50) Toluene-d8	8.71	98	832983	51.60	ug/l	0.00
Spiked Amount						
			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.95	95	356295	50.59	ug/l	0.02
Spiked Amount						
			Recovery	=	101.18%	

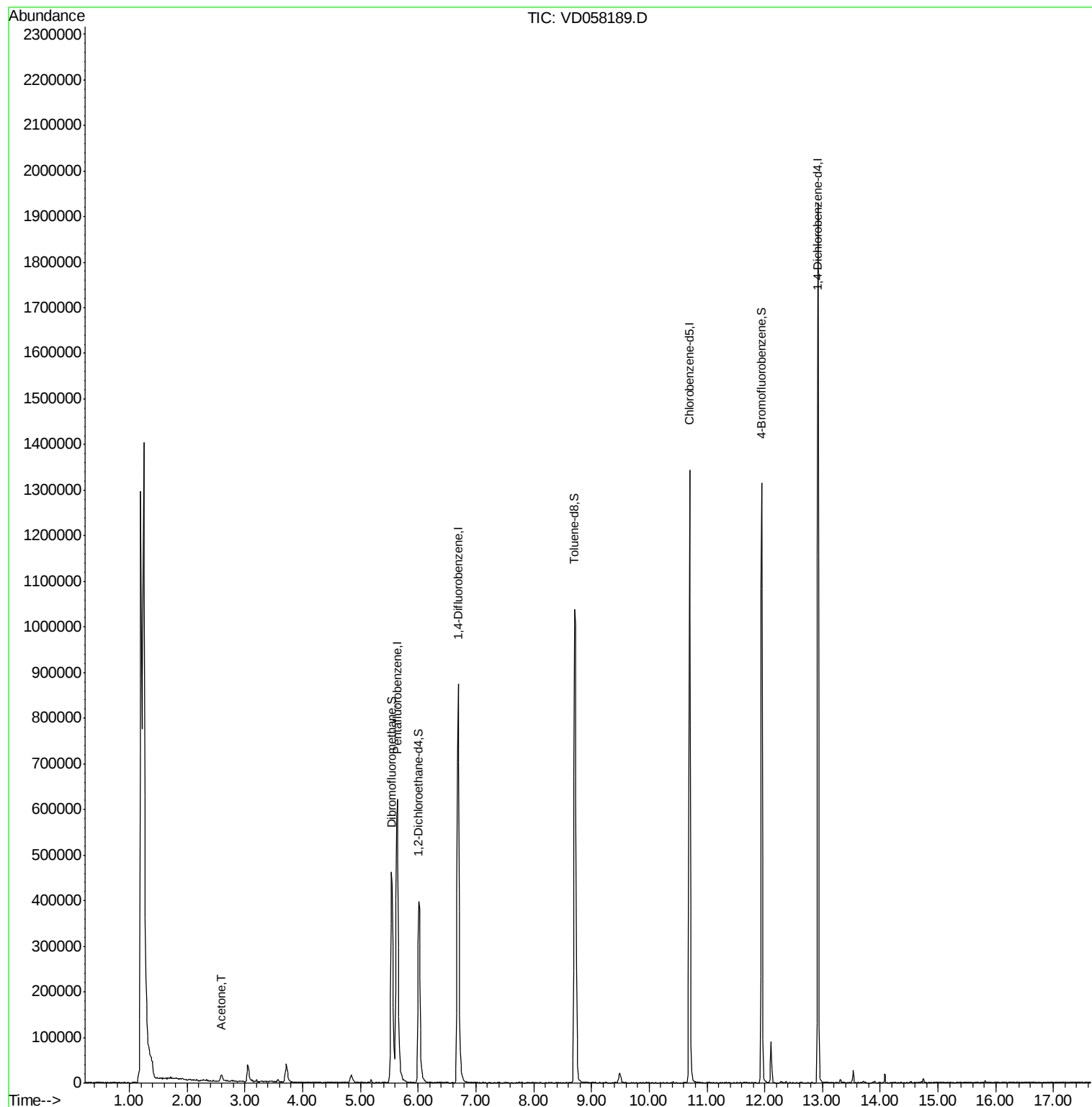
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	30278	33.61	ug/l	94

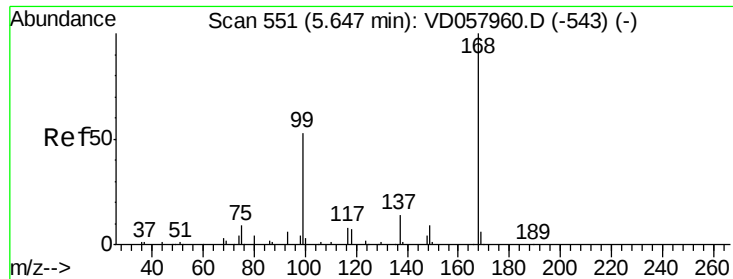
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

Instrument :

MSVOA_D

ClientSampleId :

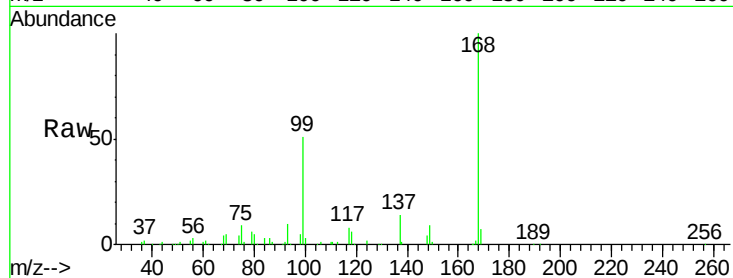
A-6(3.0)

Tot Ion:168 Resp: 625462

Ion Ratio Lower Upper

168 100

99 50.6 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

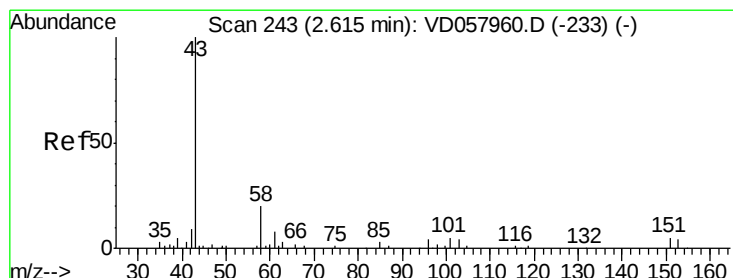
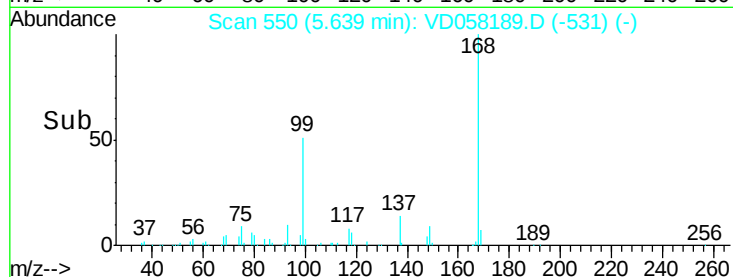
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 33.61 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD058189.D

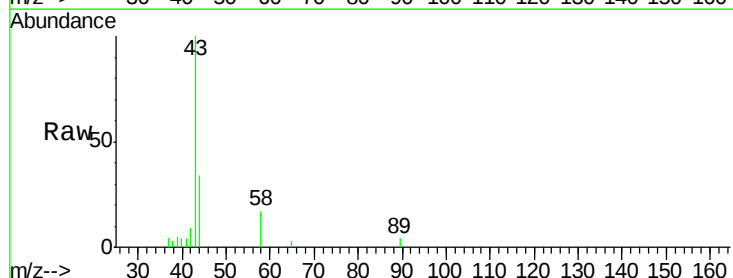
Acq: 18 Jun 2018 19:02

Tgt Ion: 43 Resp: 30278

Ion Ratio Lower Upper

43 100

58 17.1 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

12000

10000

8000

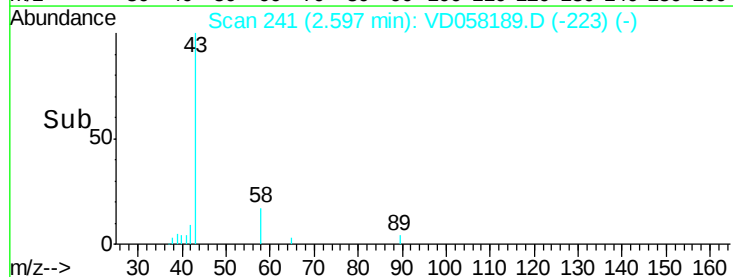
6000

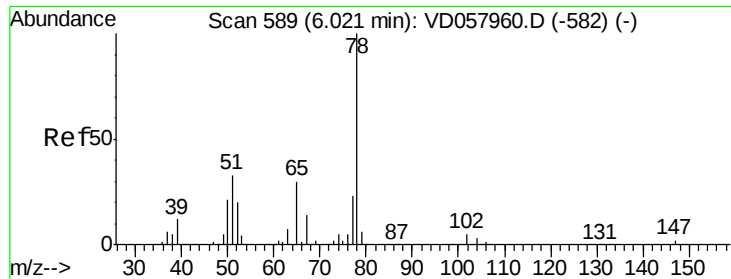
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

Instrument :

MSVOA_D

ClientSampleId :

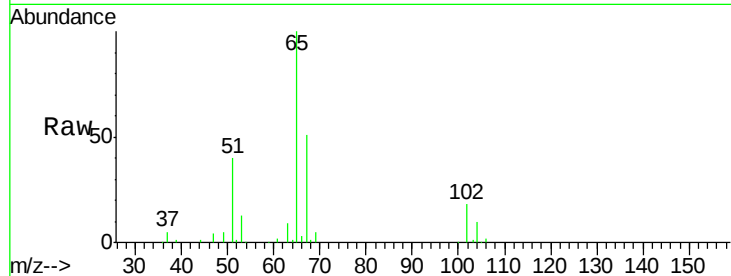
A-6(3.0)

Tot Ion: 65 Resp: 391972

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

6.01

150000

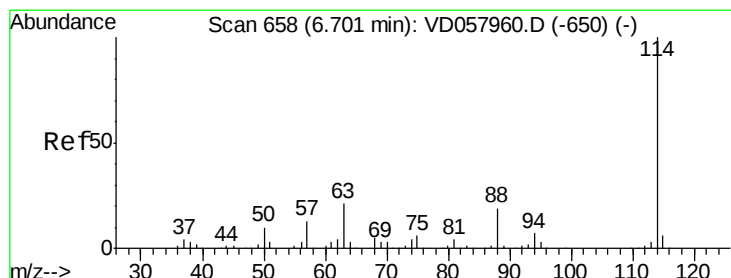
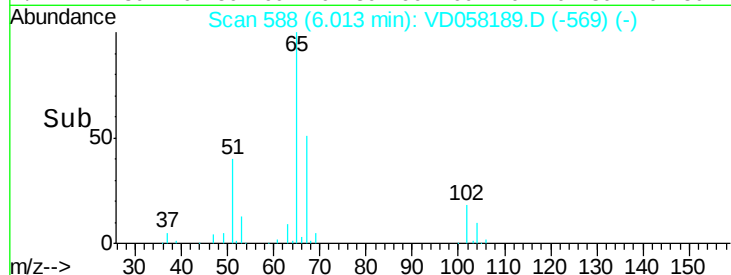
100000

50000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.69 min Scan# 657

Delta R.T. -0.01 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

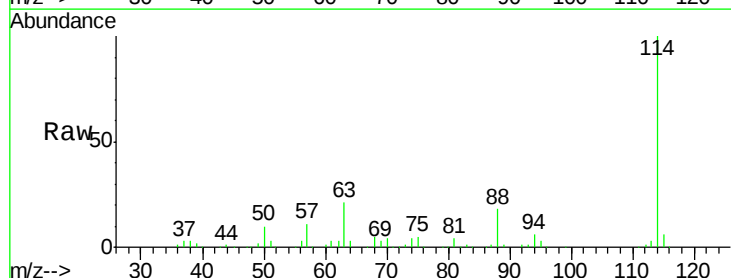
Tgt Ion: 114 Resp: 877647

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 18.1 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

500000

400000

300000

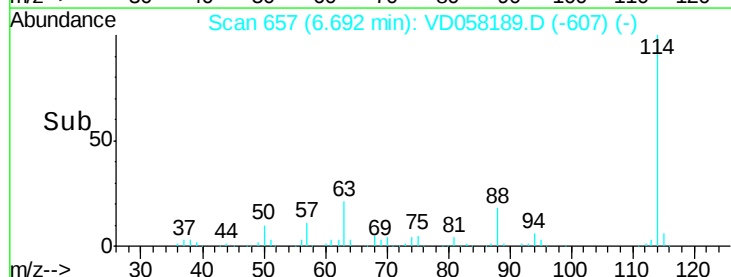
200000

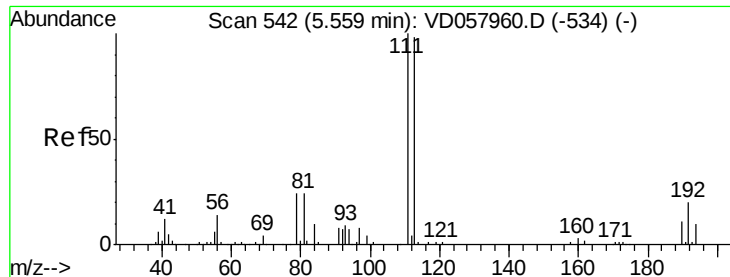
100000

0

6.60 6.80 7.00

Time-->





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

Instrument :

MSVOA_D

ClientSampleId :

A-6(3.0)

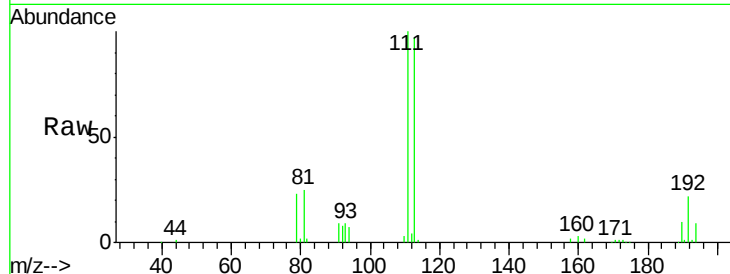
Tot Ion:113 Resp: 369405

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

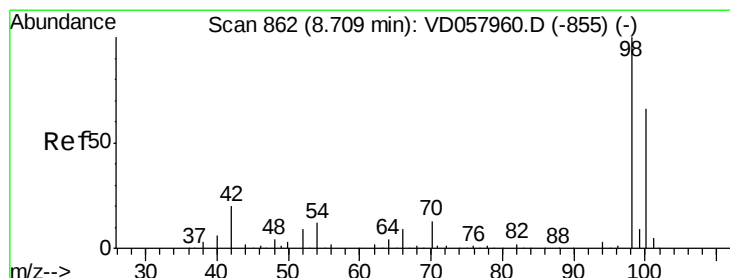
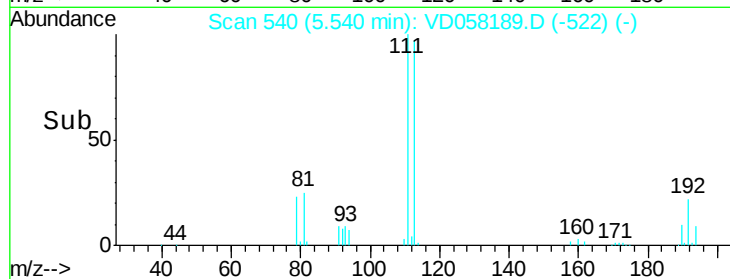
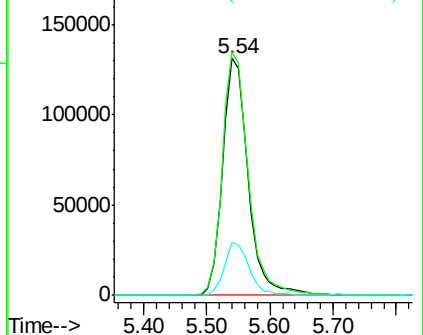
192 22.2 16.4 24.6



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: 8.71 min Scan# 862

Delta R.T. 0.00 min

Lab File: VD058189.D

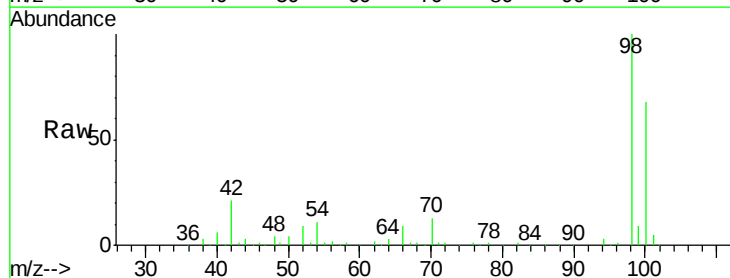
Acq: 18 Jun 2018 19:02

Tgt Ion: 98 Resp: 832983

Ion Ratio Lower Upper

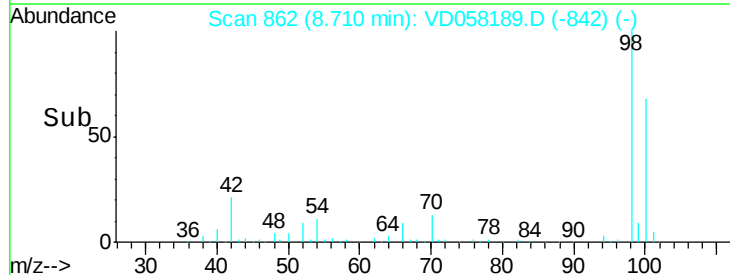
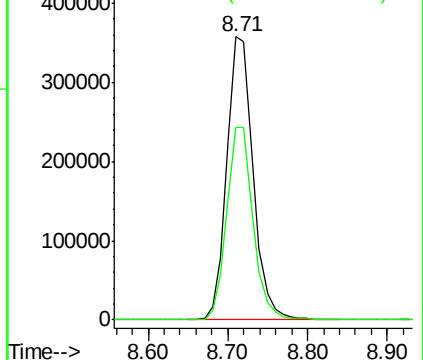
98 100

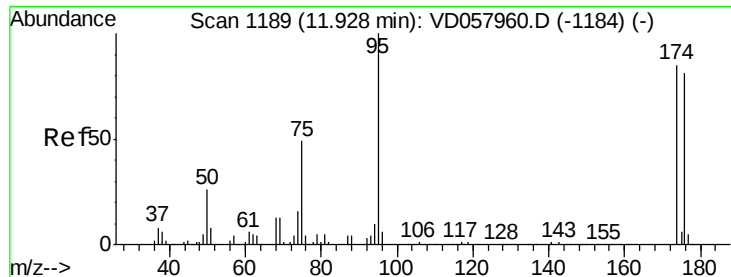
100 68.2 53.4 80.0



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: 11.95 min Scan# 1191

Delta R.T. 0.02 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

Instrument :

MSVOA_D

ClientSampleId :

A-6(3.0)

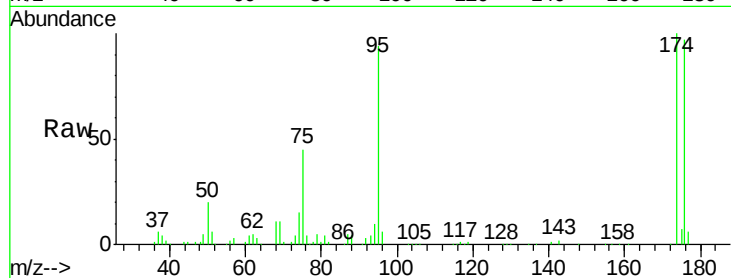
Tot Ion: 95 Resp: 356295

Ion Ratio Lower Upper

95 100

174 106.6 0.0 169.4

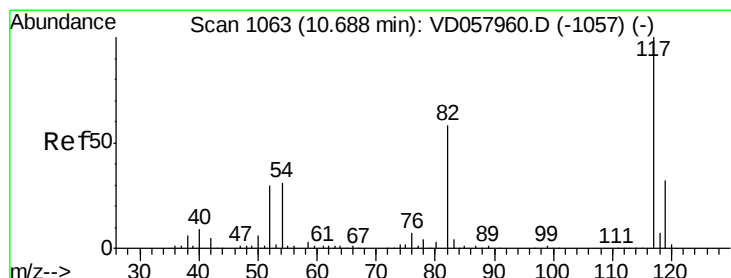
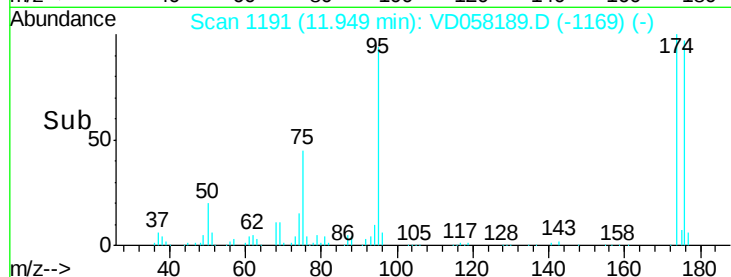
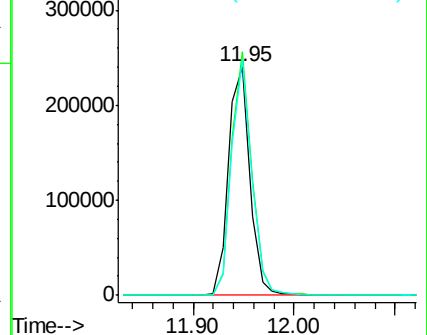
176 103.5 0.0 162.6



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: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058189.D

Acq: 18 Jun 2018 19:02

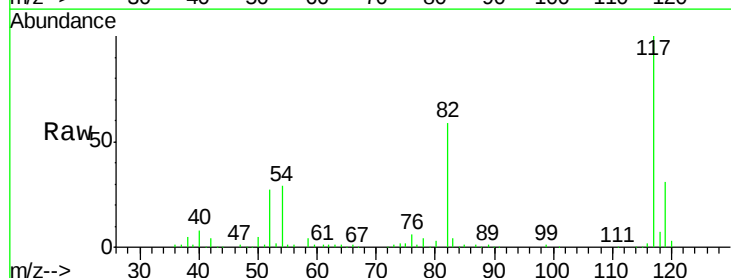
Tgt Ion: 117 Resp: 704940

Ion Ratio Lower Upper

117 100

82 58.7 46.8 70.2

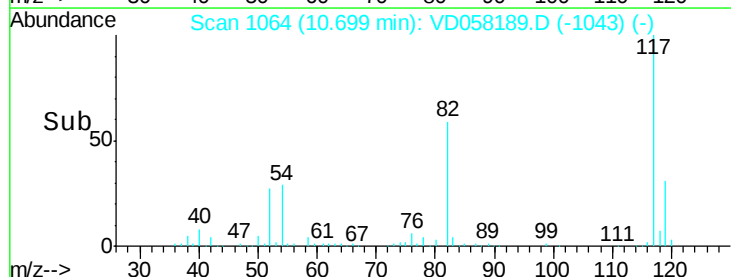
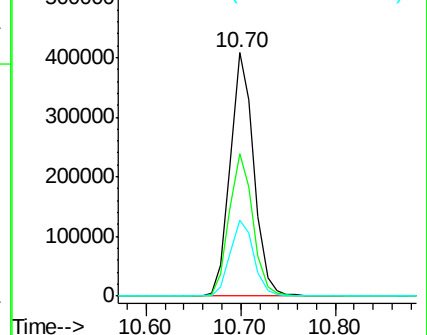
119 31.3 25.8 38.6

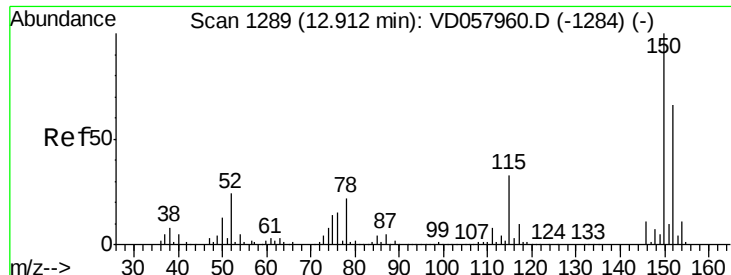


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

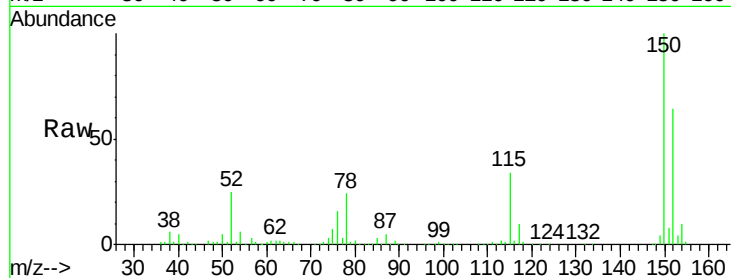




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.92 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: VD058189.D
 Acq: 18 Jun 2018 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 A-6(3.0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.4	25.6	76.6
150	156.3	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

