

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058148.D
 Acq On : 14 Jun 2018 21:06
 Operator : VA/AP
 Sample : J3501-11
 Misc : 6.06g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9

Quant Time: Jun 15 07:40:10 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	637330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	817971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	701645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	374192	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	266708	41.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.72%	
35) Dibromofluoromethane	5.54	113	275306	43.50	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	87.00%	
50) Toluene-d8	8.71	98	623401	41.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.86%	
62) 4-Bromofluorobenzene	11.93	95	260580	39.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.40%	

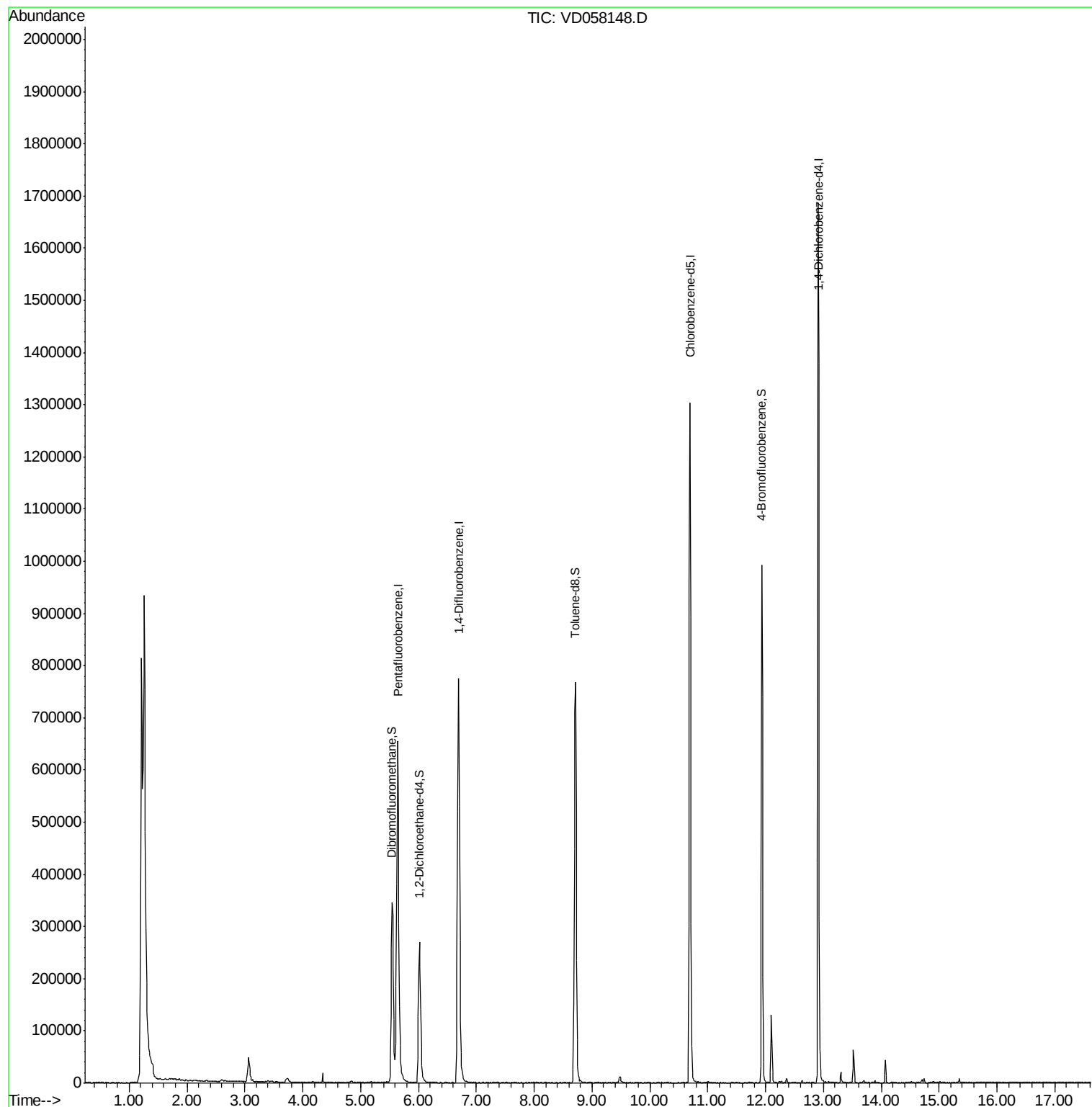
Target Compounds	Qvalue

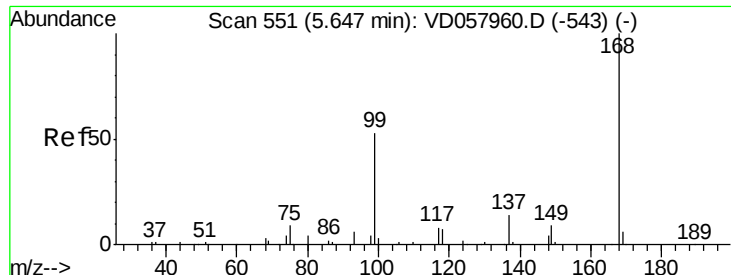
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.00 min

Lab File: VD058148.D

Acq: 14 Jun 2018 21:06

Instrument :

MSVOA_D

ClientSampled :

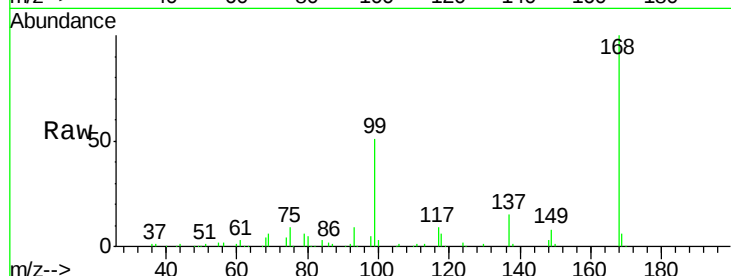
TP-9

Tot Ion:168 Resp: 637330

Ion Ratio Lower Upper

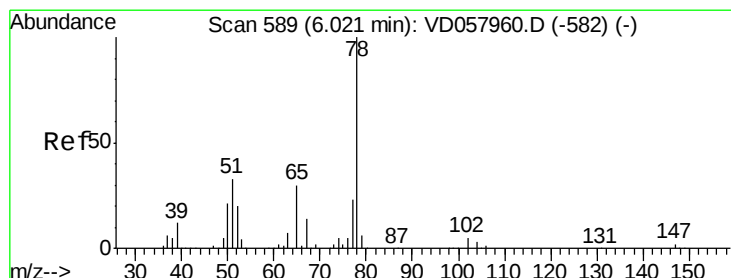
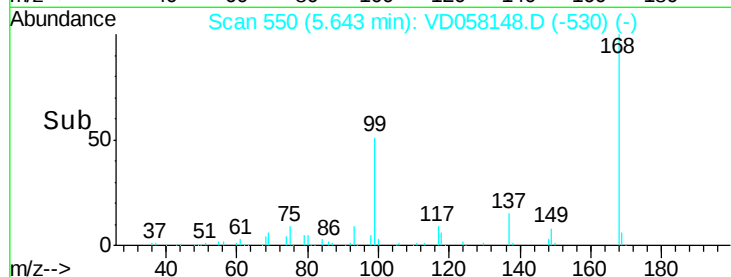
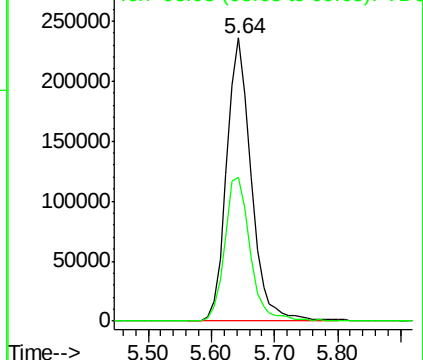
168 100

99 51.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 588

Delta R.T. -0.00 min

Lab File: VD058148.D

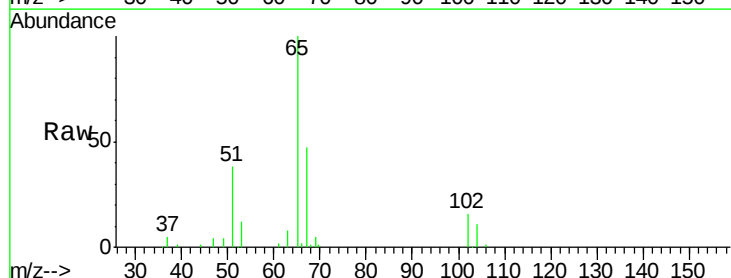
Acq: 14 Jun 2018 21:06

Tgt Ion: 65 Resp: 266708

Ion Ratio Lower Upper

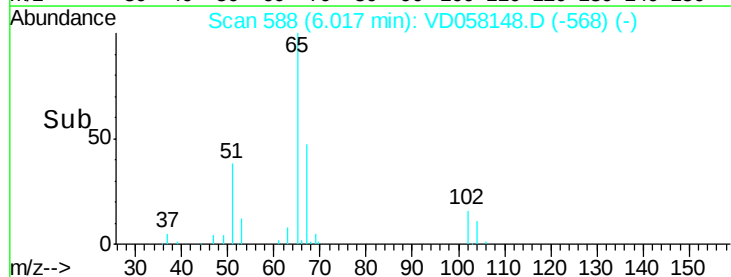
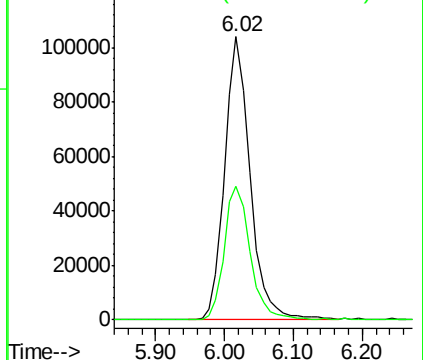
65 100

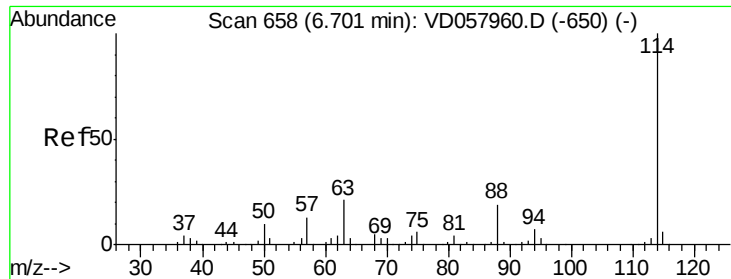
67 47.1 0.0 94.0



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: 6.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VD058148.D

Acq: 14 Jun 2018 21:06

Instrument :

MSVOA_D

ClientSampleId :

TP-9

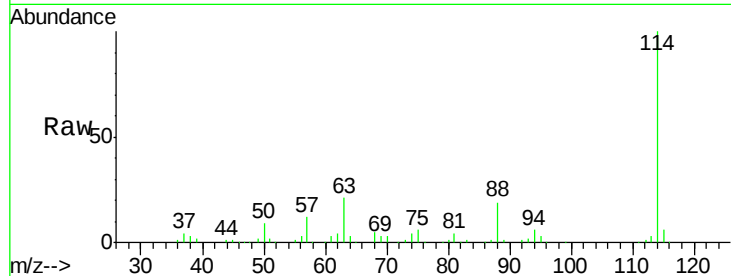
Tot Ion:114 Resp: 817971

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

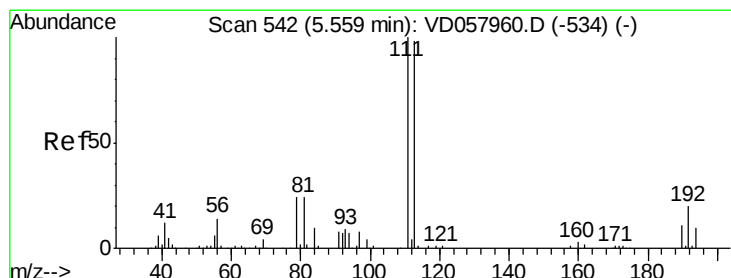
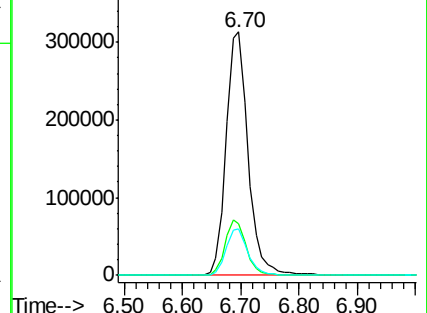
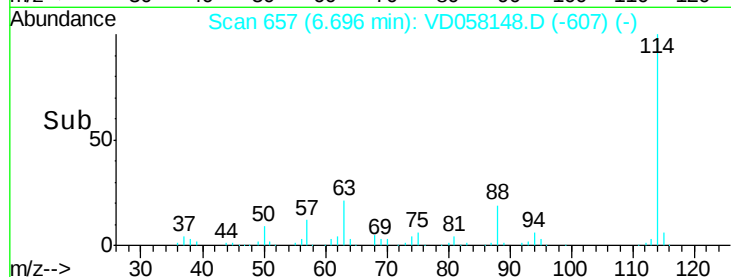
88 19.1 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.01 min

Lab File: VD058148.D

Acq: 14 Jun 2018 21:06

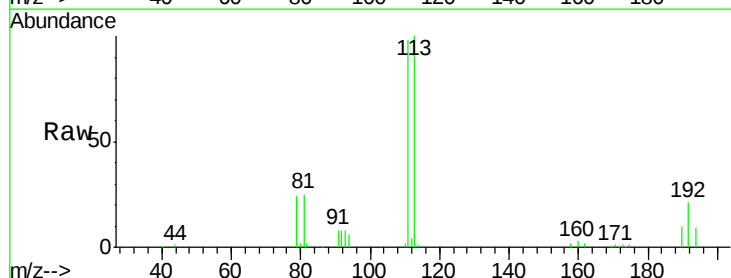
Tgt Ion:113 Resp: 275306

Ion Ratio Lower Upper

113 100

111 98.4 81.5 122.3

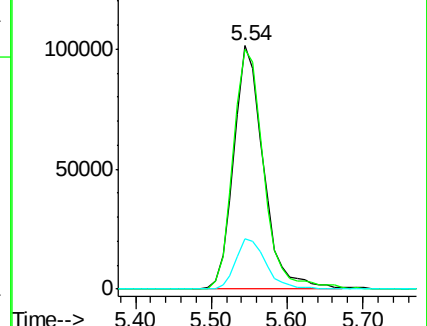
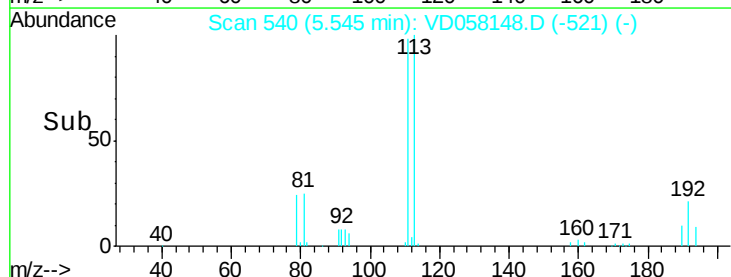
192 20.9 16.4 24.6

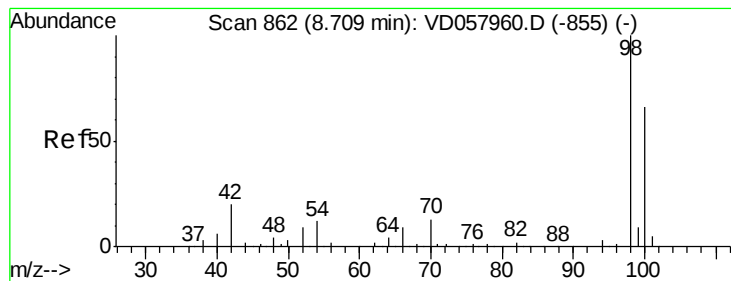


Abundance Ion 112.90 (112.60 to 113.60): V

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. 0.01 min

Lab File: VD058148.D

Acq: 14 Jun 2018 21:06

Instrument :

MSVOA_D

ClientSampleId :

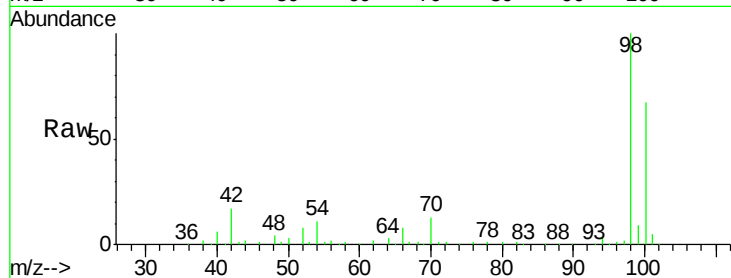
TP-9

Tot Ion: 98 Resp: 623401

Ion Ratio Lower Upper

98 100

100 66.6 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

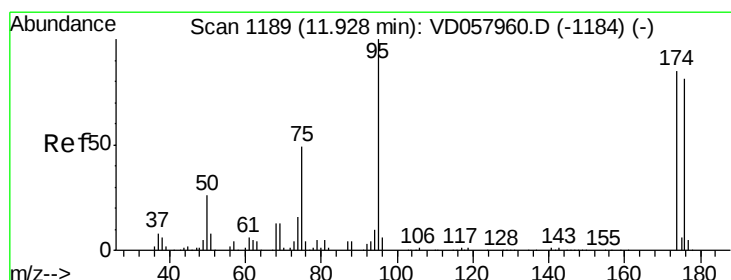
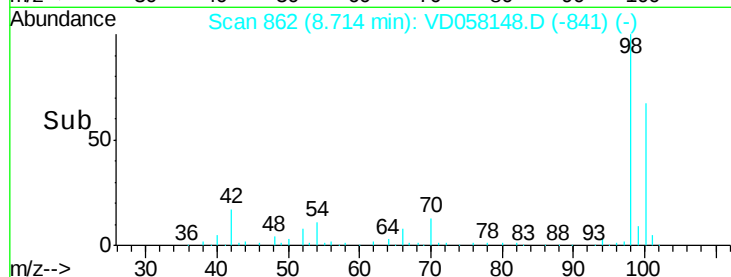
100000

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. 0.01 min

Lab File: VD058148.D

Acq: 14 Jun 2018 21:06

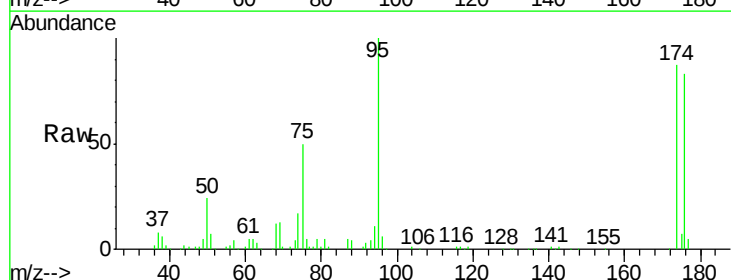
Tgt Ion: 95 Resp: 260580

Ion Ratio Lower Upper

95 100

174 87.1 0.0 169.4

176 83.1 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

250000

200000

150000

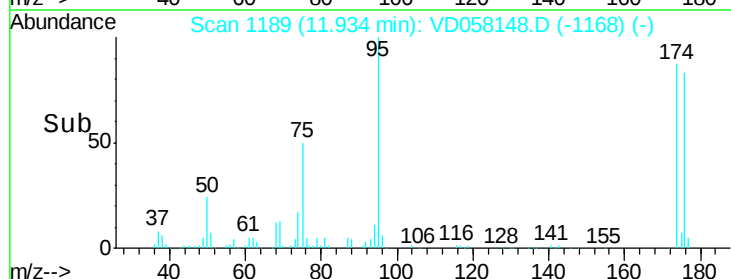
100000

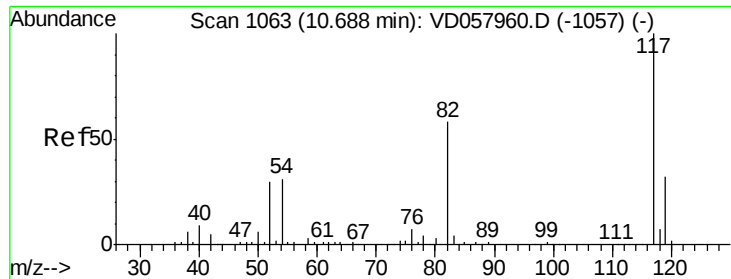
50000

0

11.90 12.00 12.10

Time-->

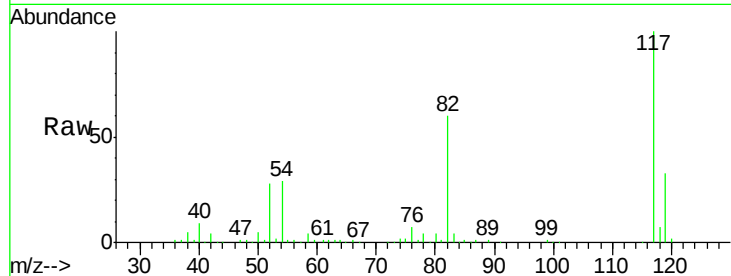




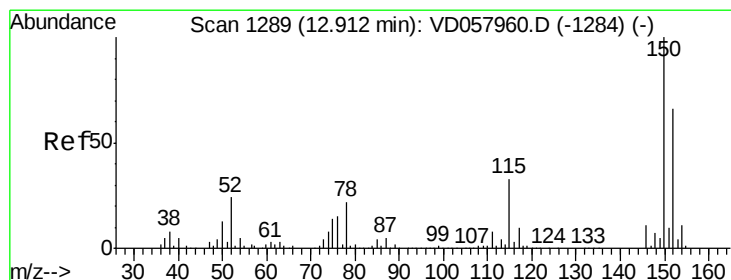
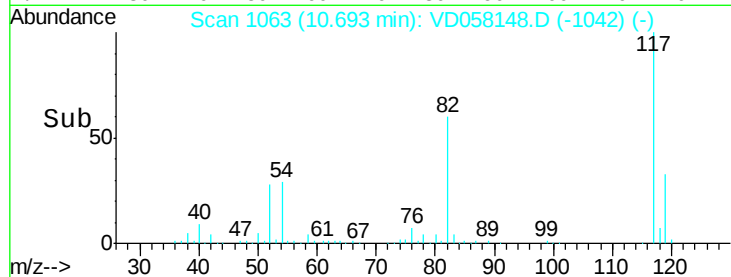
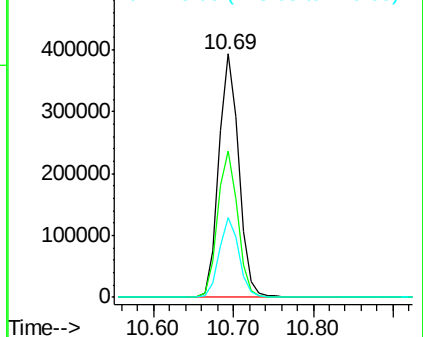
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.69 min Scan# 1063
 Delta R.T. 0.01 min
 Lab File: VD058148.D
 Acq: 14 Jun 2018 21:06

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9

Tot Ion:117 Resp: 701645
 Ion Ratio Lower Upper
 117 100
 82 60.0 46.8 70.2
 119 32.5 25.8 38.6

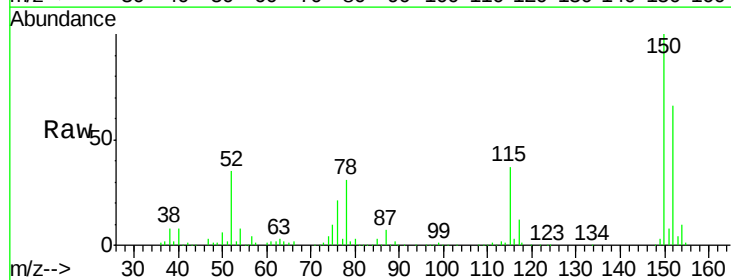


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.91 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VD058148.D
 Acq: 14 Jun 2018 21:06

Tgt Ion:152 Resp: 374192
 Ion Ratio Lower Upper
 152 100
 115 55.5 25.6 76.6
 150 150.4 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

