

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059442.D
 Acq On : 27 Jun 2018 14:05
 Operator : VA/AP
 Sample : J3681-02
 Misc : 11.17g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-022-A

Quant Time: Jun 27 15:16:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	824603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1058149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	846734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	425566	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	291860	34.61	ug/l	0.00
Spiked Amount			Recovery	=	69.22%	
35) Dibromofluoromethane	5.56	113	309170	35.87	ug/l	0.00
Spiked Amount			Recovery	=	71.74%	
50) Toluene-d8	8.71	98	687743	34.13	ug/l	0.00
Spiked Amount			Recovery	=	68.26%	
62) 4-Bromofluorobenzene	11.92	95	297769	35.53	ug/l	0.00
Spiked Amount			Recovery	=	71.06%	

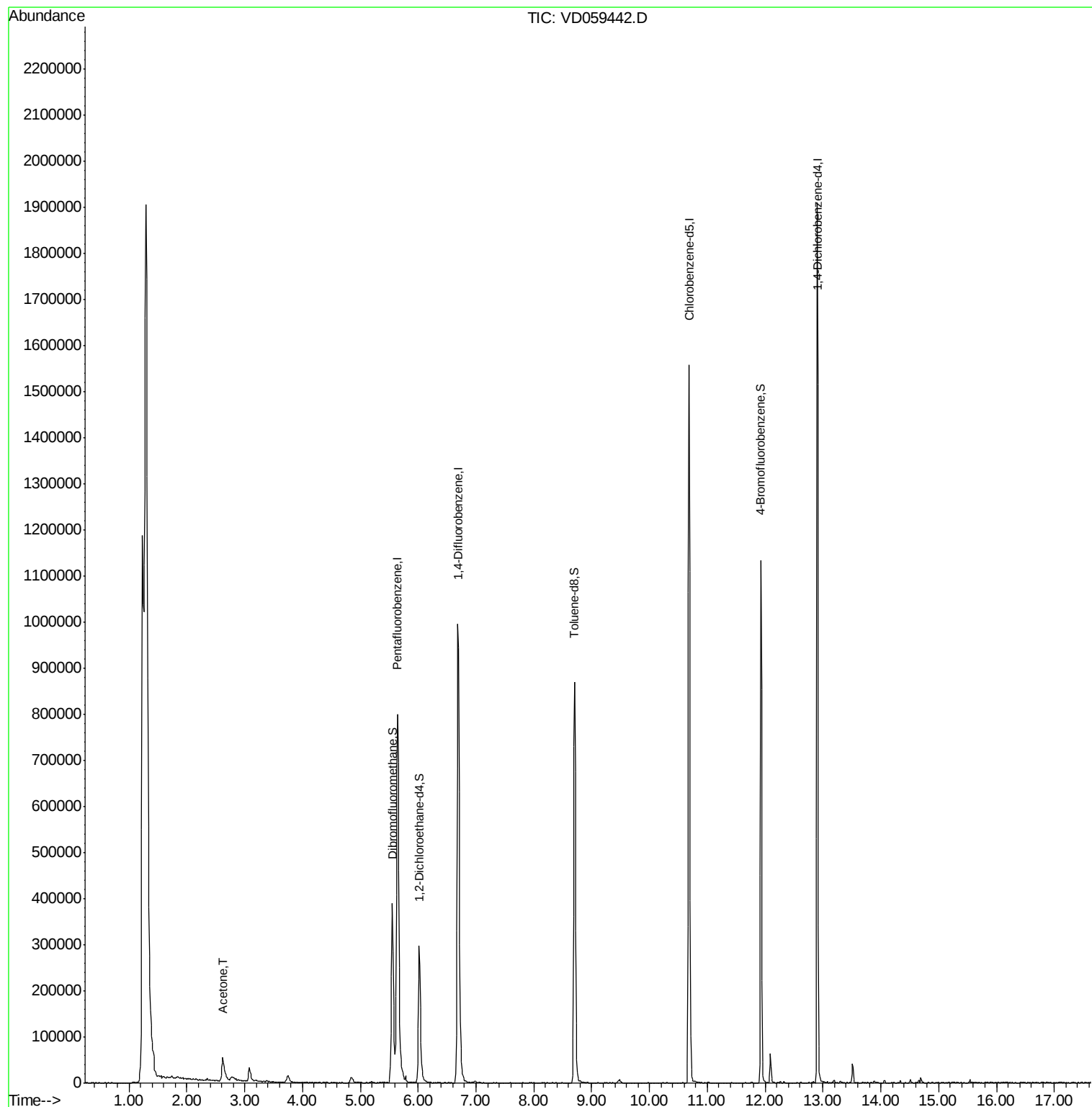
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.62	43	112517	105.72	ug/l	97

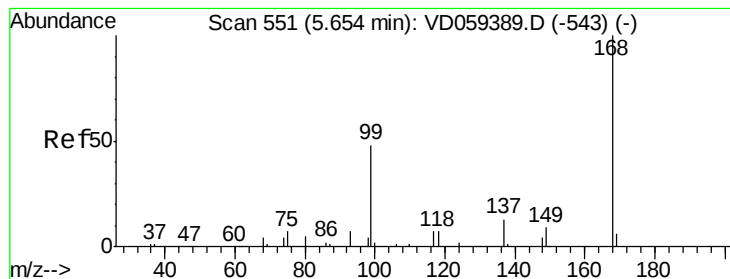
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD059442.D

Acq: 27 Jun 2018 14:05

Instrument :

MSVOA_D

ClientSampleId :

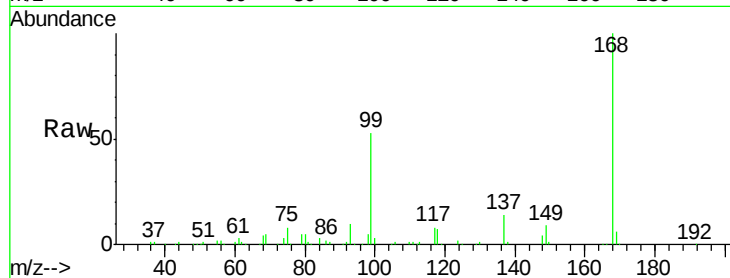
FK-GF-02-022-A

Tot Ion:168 Resp: 824603

Ion Ratio Lower Upper

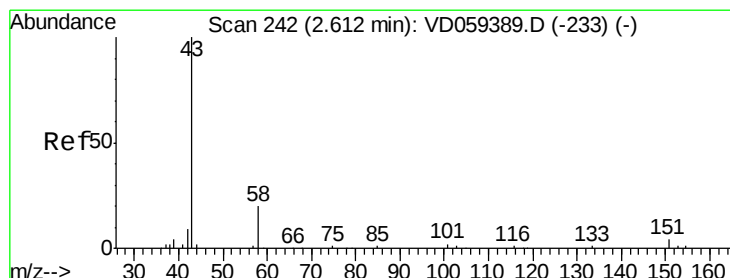
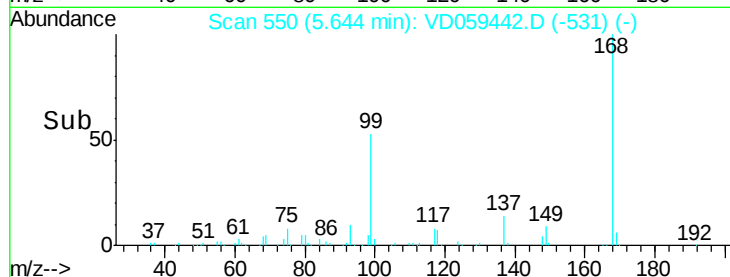
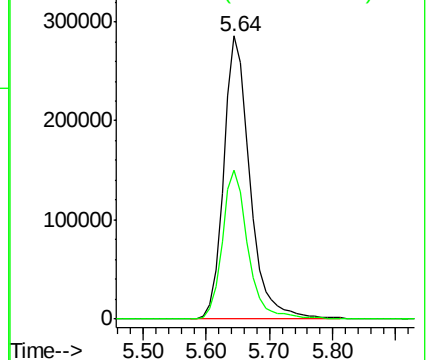
168 100

99 52.6 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 105.72 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD059442.D

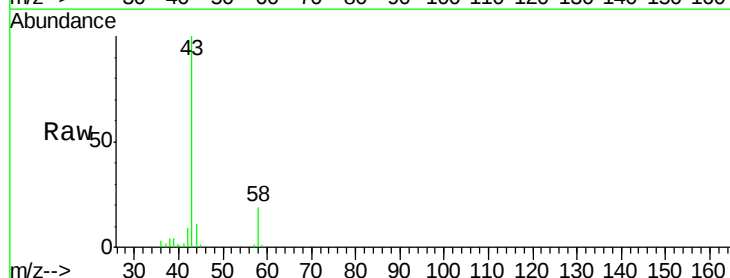
Acq: 27 Jun 2018 14:05

Tgt Ion: 43 Resp: 112517

Ion Ratio Lower Upper

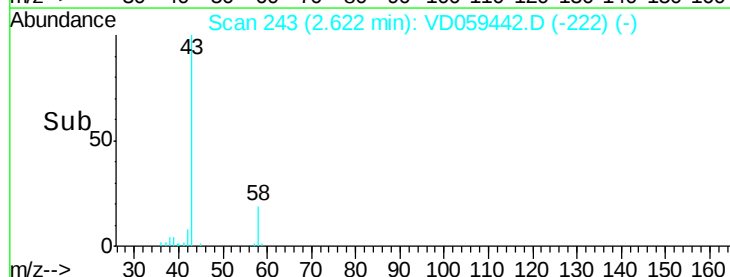
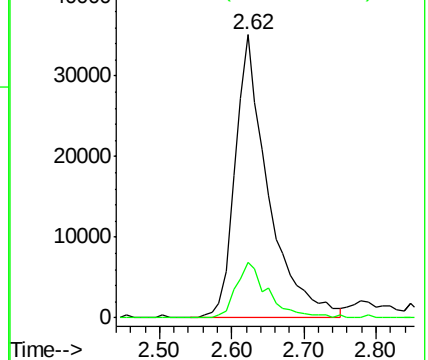
43 100

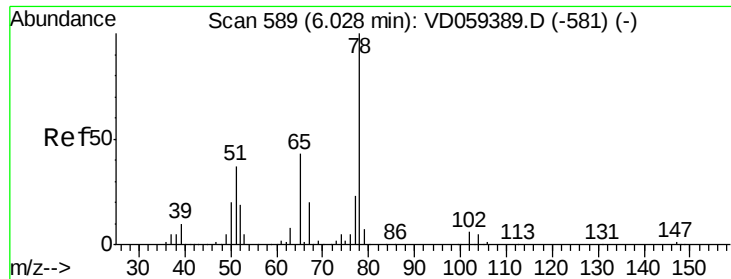
58 19.5 16.8 25.2



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: 6.02 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD059442.D

Acq: 27 Jun 2018 14:05

Instrument :

MSVOA_D

ClientSampleId :

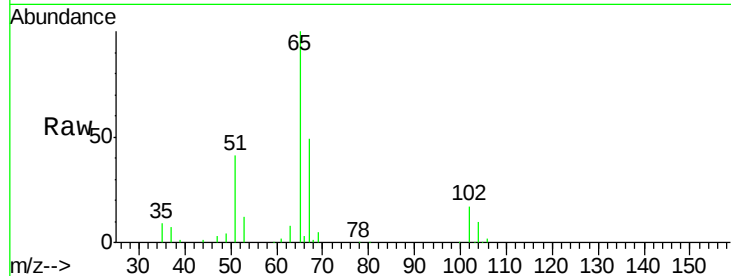
FK-GF-02-022-A

Tot Ion: 65 Resp: 291860

Ion Ratio Lower Upper

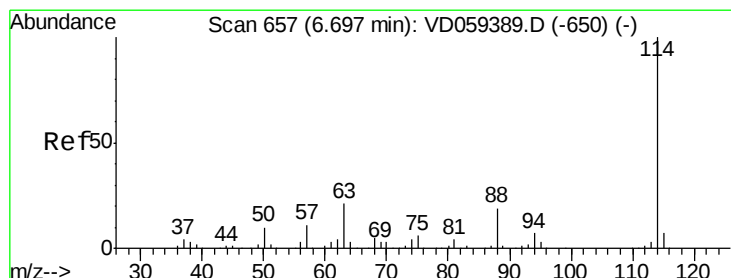
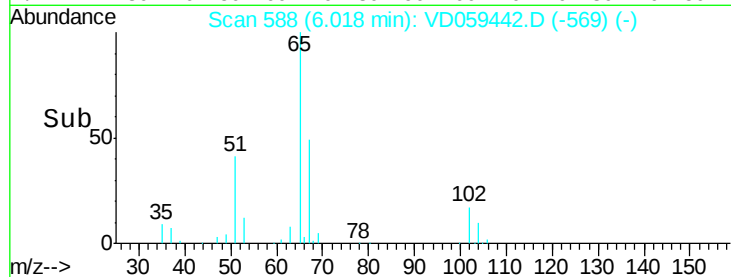
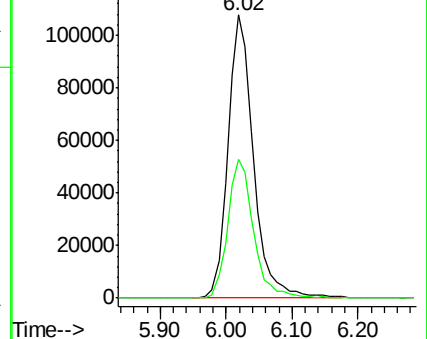
65 100

67 49.0 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: VD059442.D

Acq: 27 Jun 2018 14:05

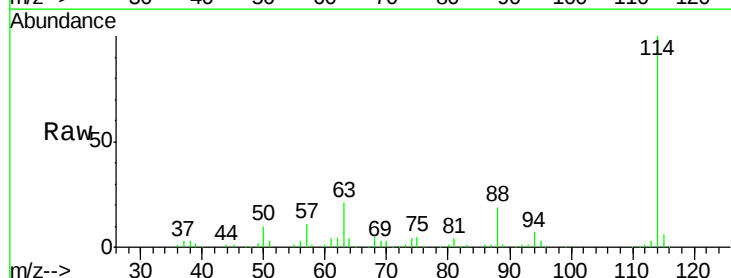
Tgt Ion: 114 Resp: 1058149

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

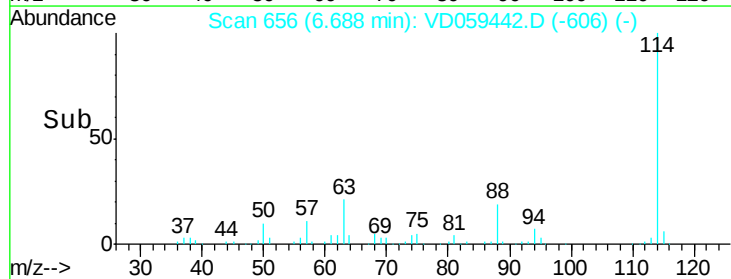
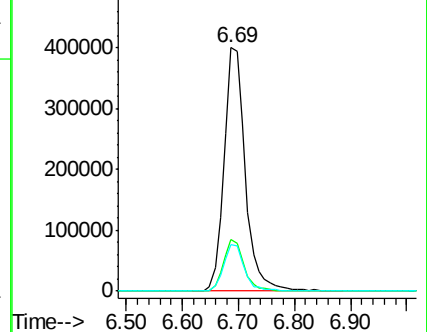
88 19.1 0.0 38.0

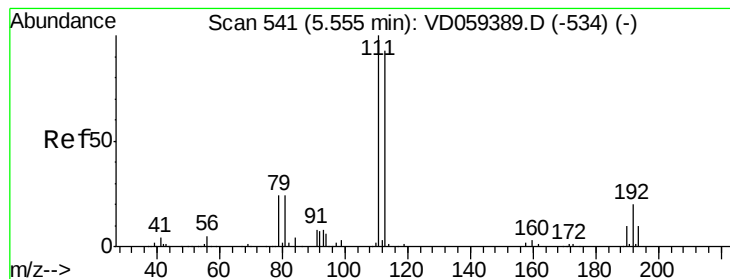


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.56 min Scan# 541

Delta R.T. 0.00 min

Lab File: VD059442.D

Acq: 27 Jun 2018 14:05

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-022-A

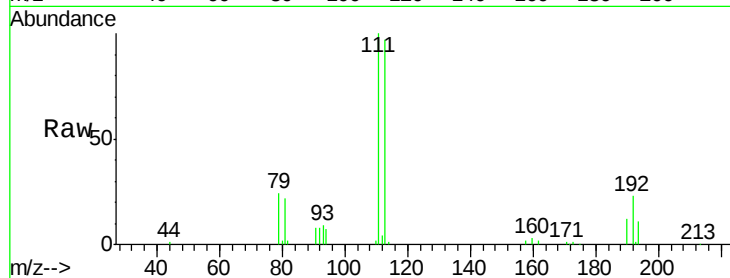
Tot Ion:113 Resp: 309170

Ion Ratio Lower Upper

113 100

111 103.2 85.7 128.5

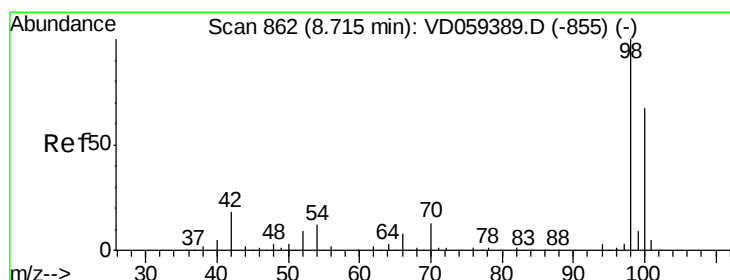
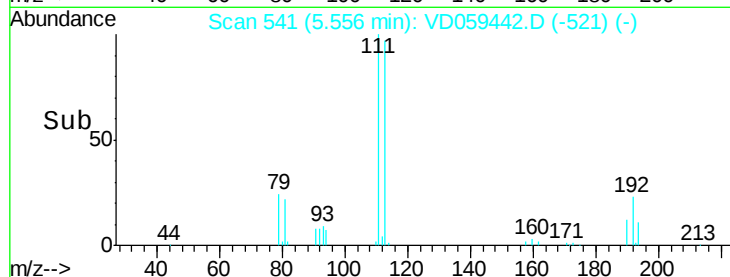
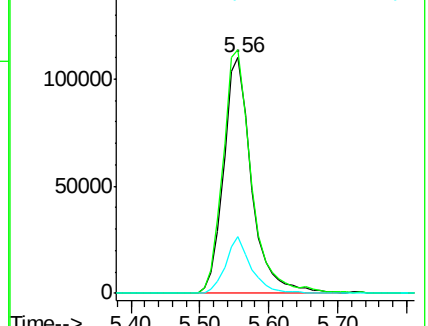
192 24.2 16.9 25.3



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# 861

Delta R.T. -0.01 min

Lab File: VD059442.D

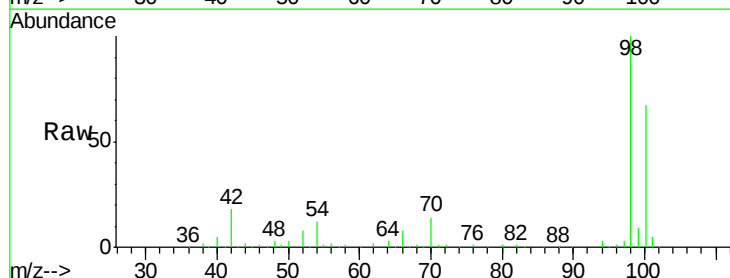
Acq: 27 Jun 2018 14:05

Tgt Ion: 98 Resp: 687743

Ion Ratio Lower Upper

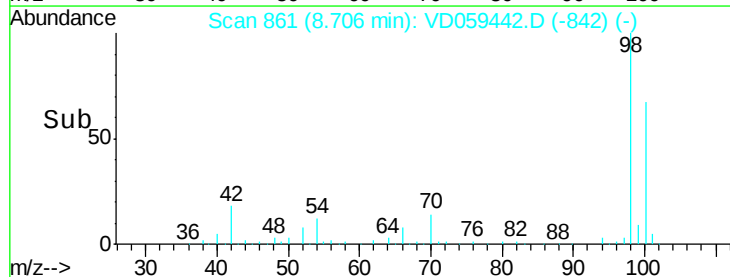
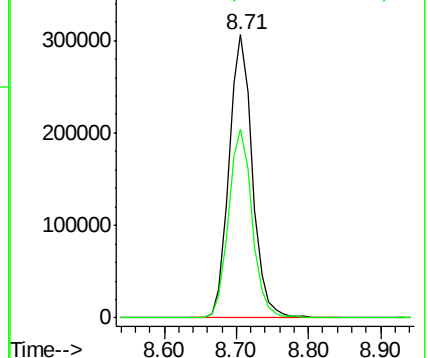
98 100

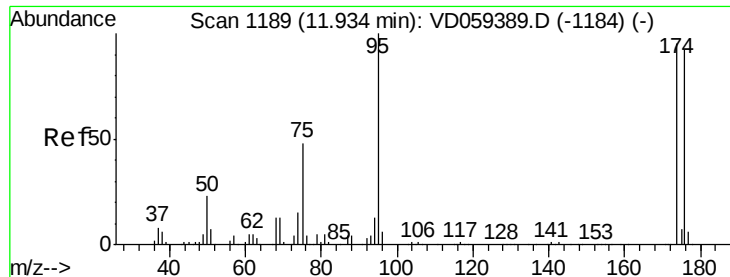
100 66.8 54.4 81.6



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: VD059442.D

Acq: 27 Jun 2018 14:05

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-022-A

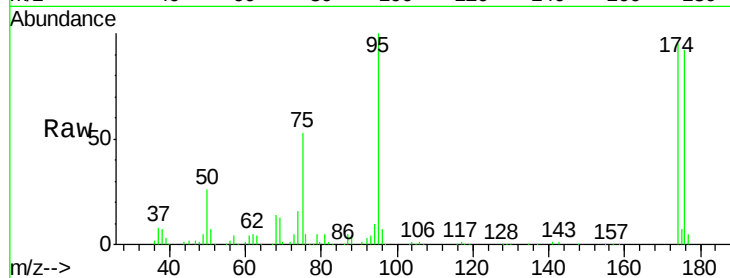
Tot Ion: 95 Resp: 297769

Ion Ratio Lower Upper

95 100

174 95.2 0.0 190.4

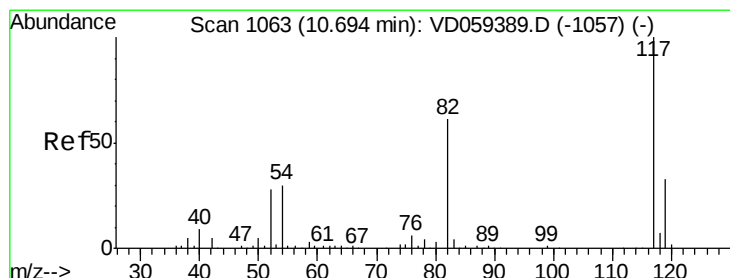
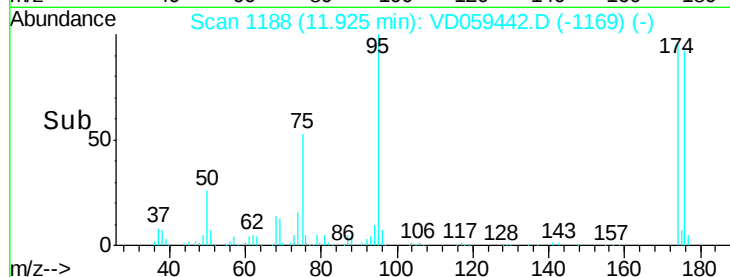
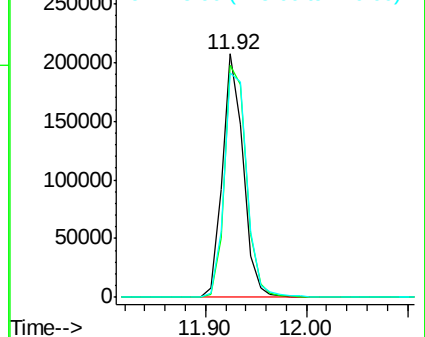
176 92.2 0.0 183.2



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: VD059442.D

Acq: 27 Jun 2018 14:05

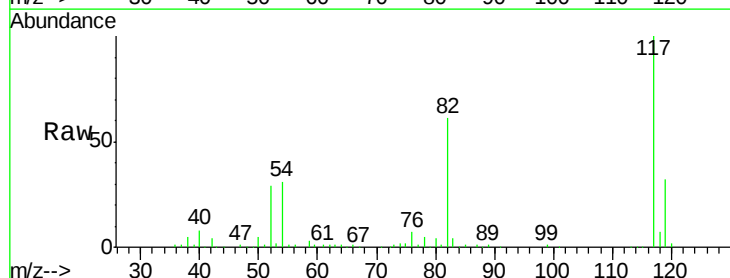
Tgt Ion: 117 Resp: 846734

Ion Ratio Lower Upper

117 100

82 60.8 49.0 73.6

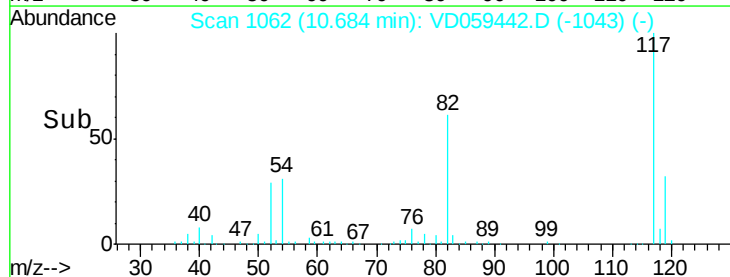
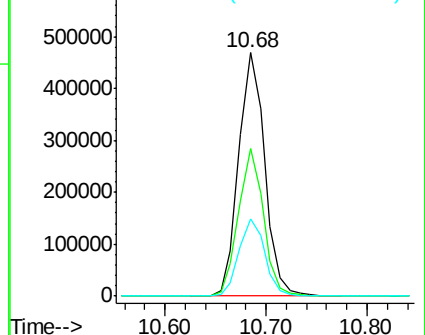
119 31.6 26.2 39.4

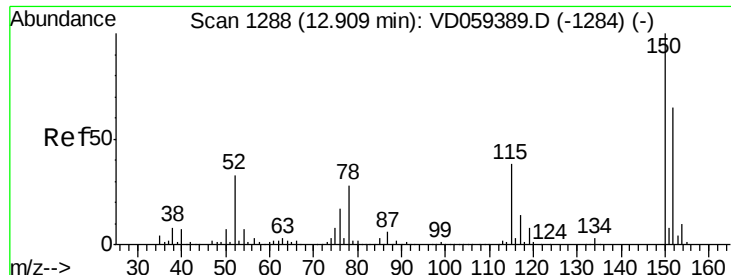


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.90 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VD059442.D

Acq: 27 Jun 2018 14:05

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-022-A

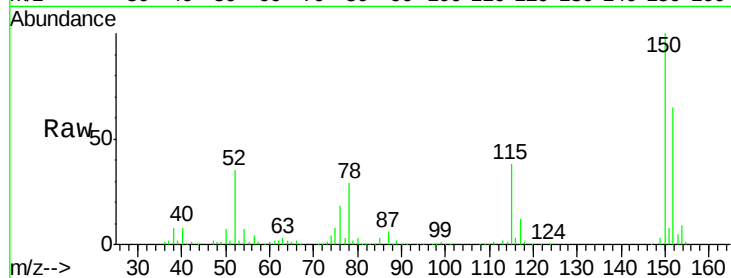
Tot Ion:152 Resp: 425566

Ion Ratio Lower Upper

152 100

115 58.6 29.4 88.3

150 154.6 0.0 308.2



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

