

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062618\
 Data File : VD059432.D
 Acq On : 26 Jun 2018 19:13
 Operator : VA/AP
 Sample : J3681-02
 Misc : 10.71g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 27 07:16:17 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

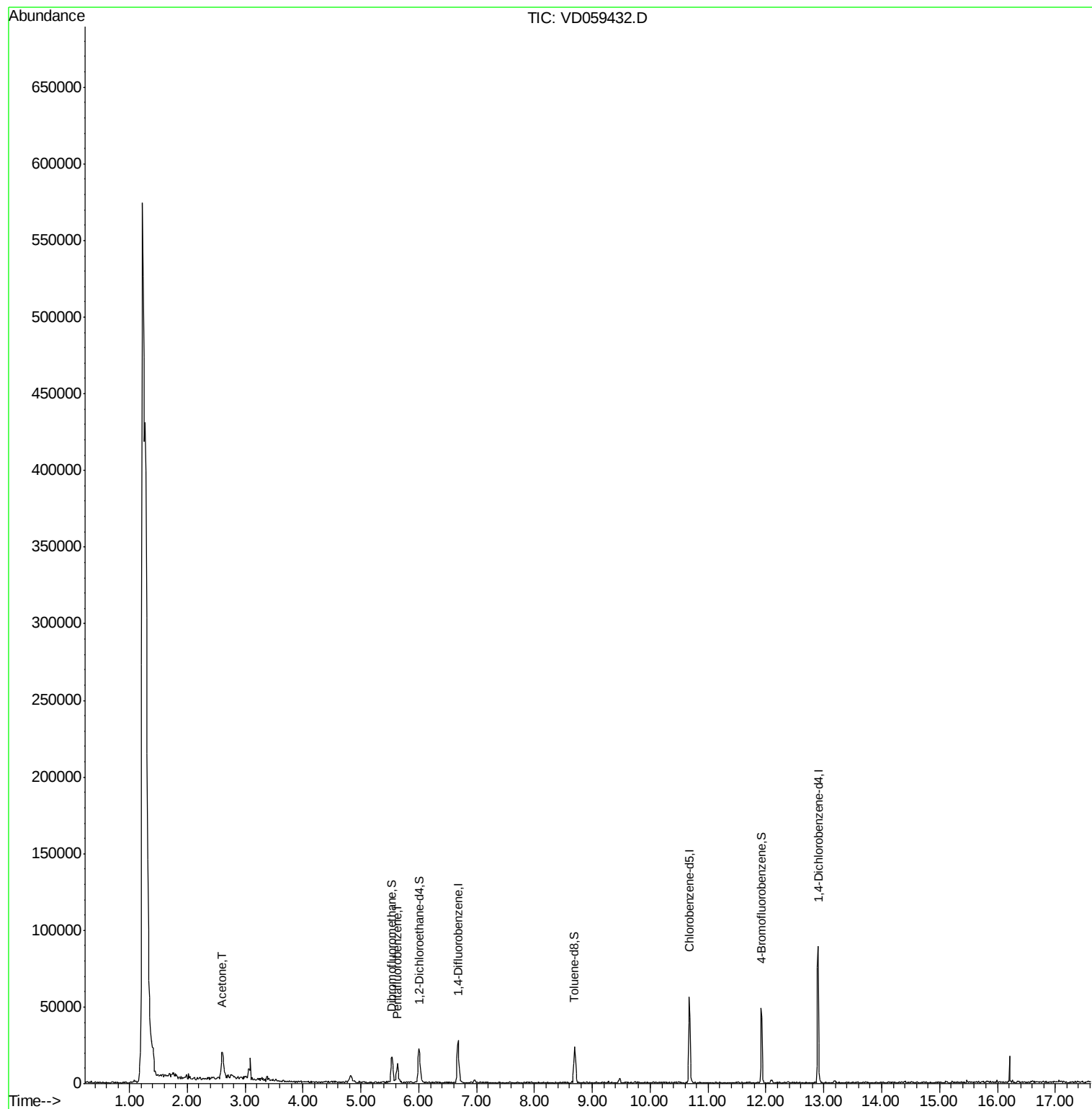
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	13517	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	29347	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	32797	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	21872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	22270	161.11	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	322.22%	
35) Dibromofluoromethane	5.54	113	13771	57.61	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	115.22%	
50) Toluene-d8	8.69	98	20673	36.99	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	73.98%	
62) 4-Bromofluorobenzene	11.92	95	14540	62.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	125.10%	
Target Compounds						
16) Acetone	2.59	43	39316	2253.59	ug/l	Qvalue # 82

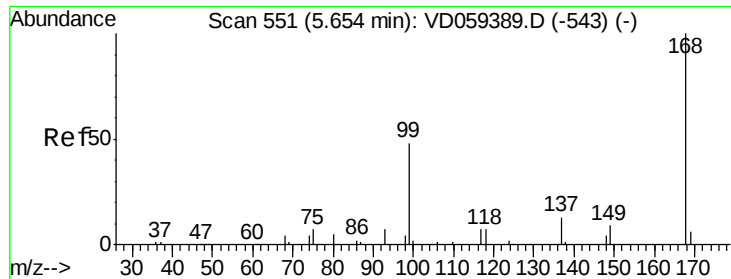
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.02 min

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MSVOA_D

ClientSampleId :

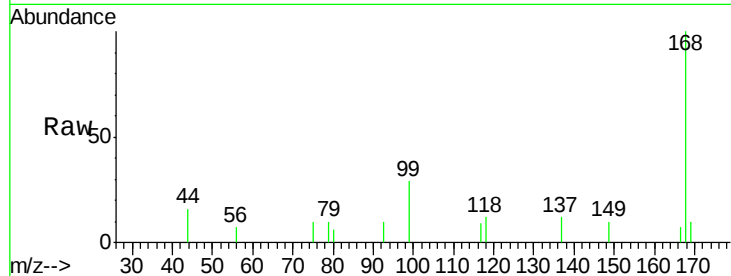
FK-GF-02-022-A

Tot Ion:168 Resp: 13517

Ion Ratio Lower Upper

168 100

99 28.9 41.0 61.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

6000

5000

4000

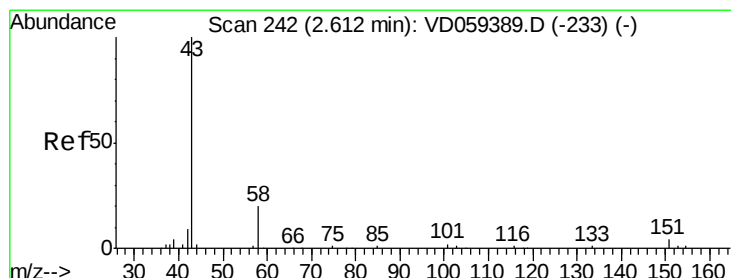
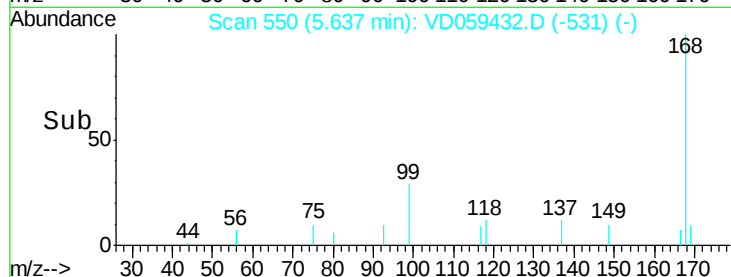
3000

2000

1000

0

Time-->



#16

Acetone

Concen: 2253.59 ug/l

RT: 2.59 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD059432.D

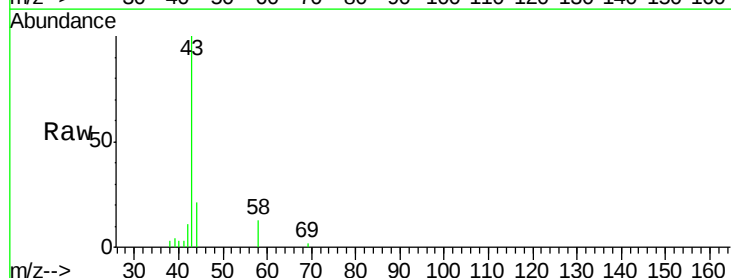
Acq: 26 Jun 2018 19:13

Tgt Ion: 43 Resp: 39316

Ion Ratio Lower Upper

43 100

58 12.7 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

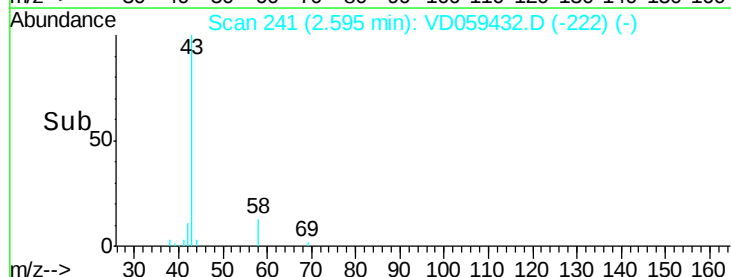
15000

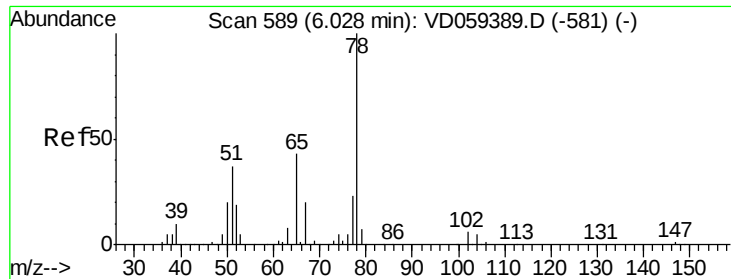
10000

5000

0

Time-->

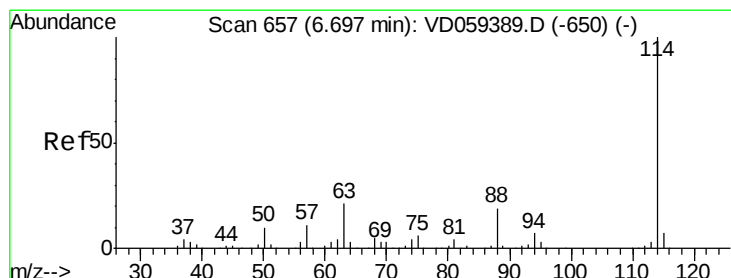
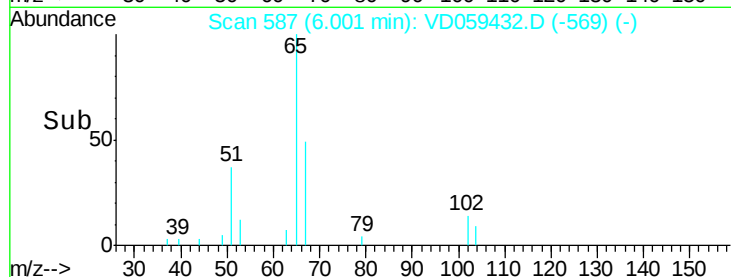
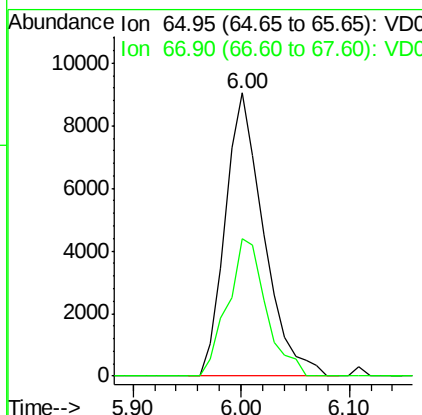
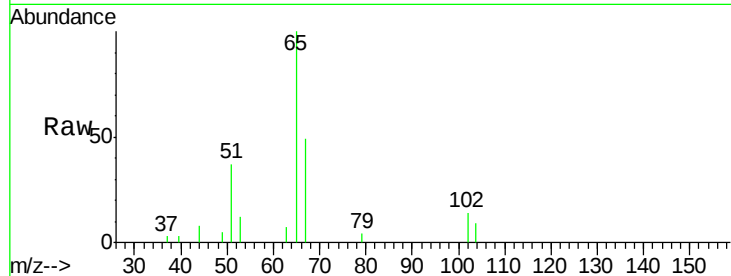




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. -0.03 min
 Lab File: VD059432.D
 Acq: 26 Jun 2018 19:13

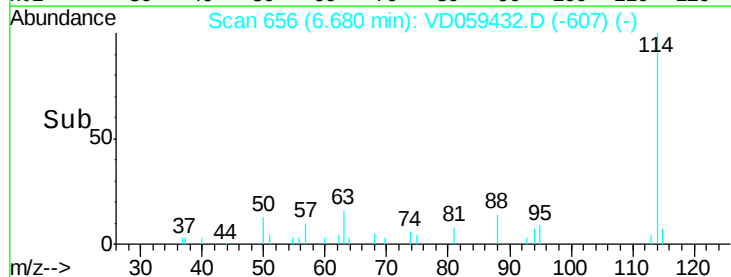
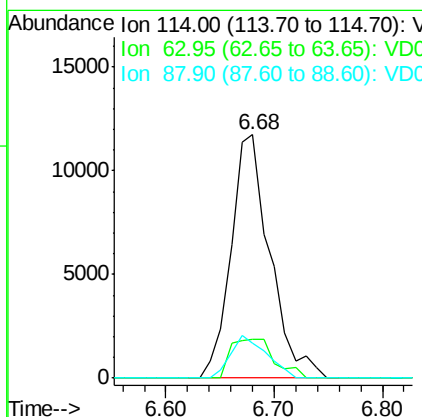
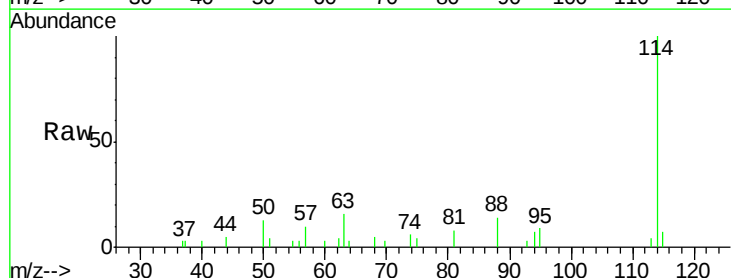
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-022-A

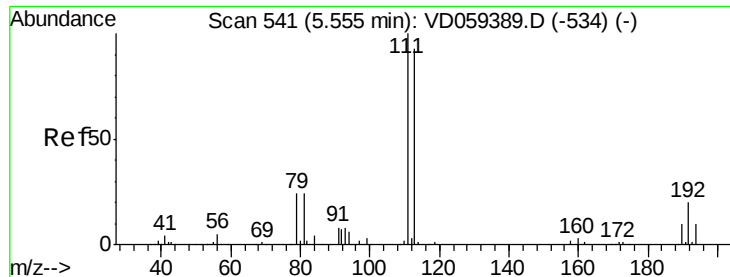
Tot Ion: 65 Resp: 22270
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD059432.D
 Acq: 26 Jun 2018 19:13

Tgt Ion: 114 Resp: 29347
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 42.4
 88 14.5 0.0 38.0





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD059432.D

Acq: 26 Jun 2018 19:13

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-022-A

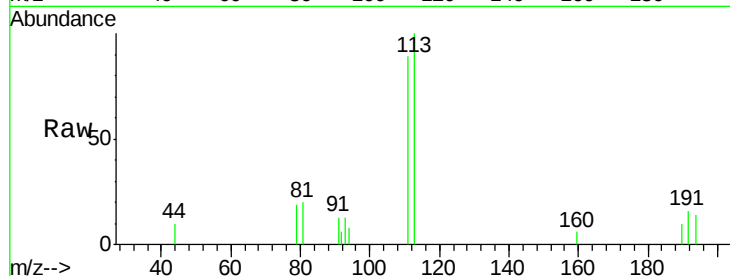
Tot Ion:113 Resp: 13771

Ion Ratio Lower Upper

113 100

111 88.7 85.7 128.5

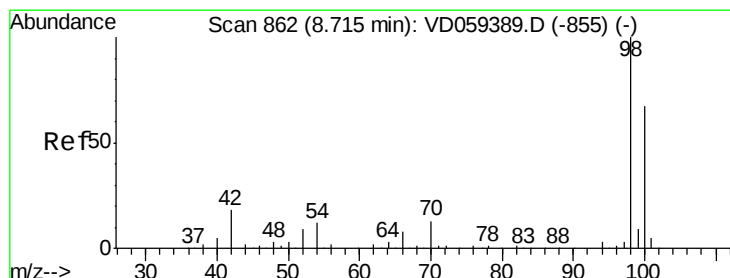
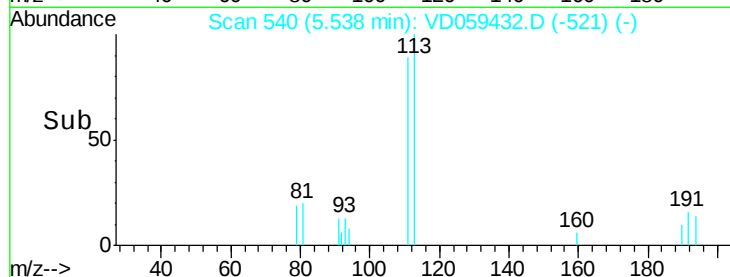
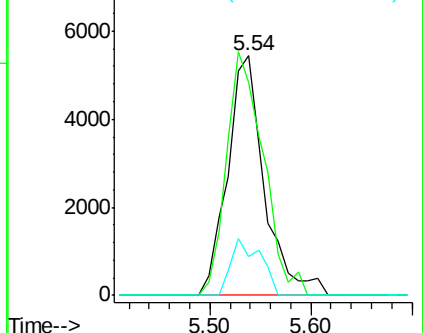
192 16.0 16.9 25.3#



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: 8.69 min Scan# 860

Delta R.T. -0.03 min

Lab File: VD059432.D

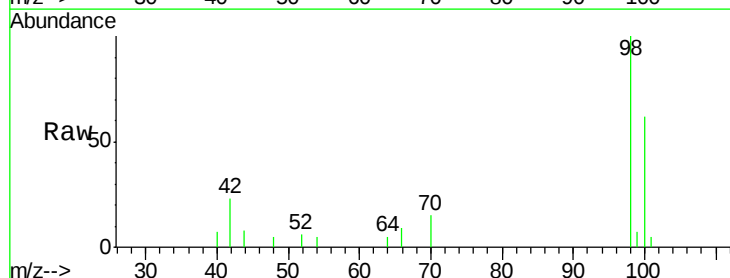
Acq: 26 Jun 2018 19:13

Tgt Ion: 98 Resp: 20673

Ion Ratio Lower Upper

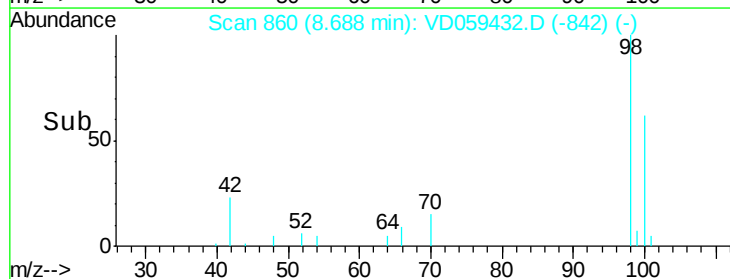
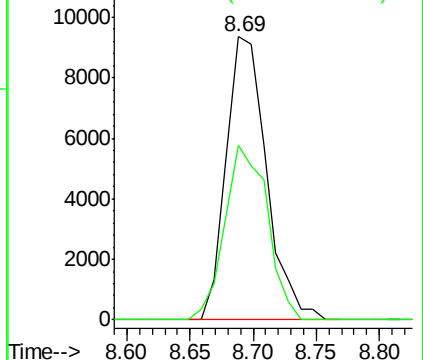
98 100

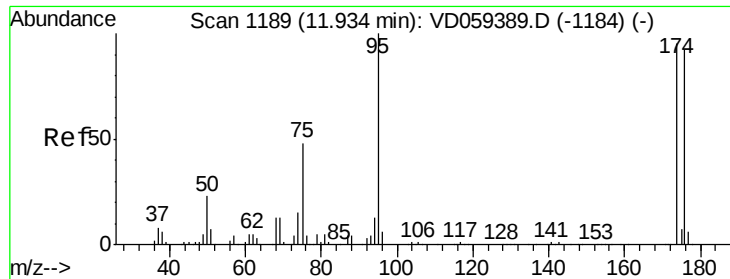
100 61.7 54.4 81.6



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. -0.02 min

Lab File: VD059432.D

Acq: 26 Jun 2018 19:13

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-022-A

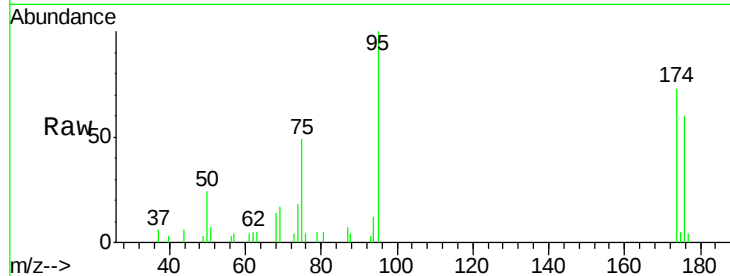
Tot Ion: 95 Resp: 14540

Ion Ratio Lower Upper

95 100

174 72.8 0.0 190.4

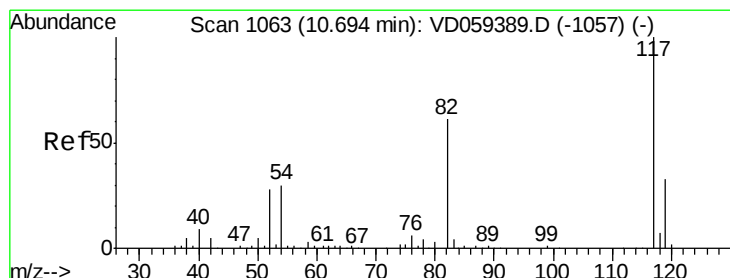
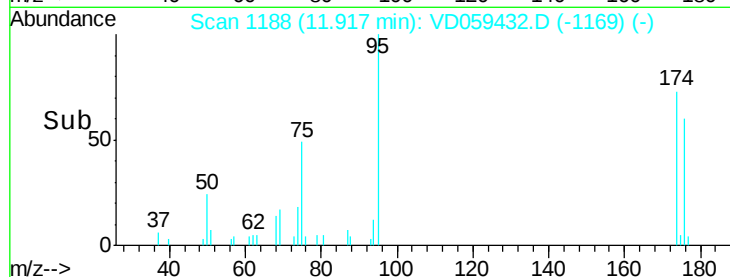
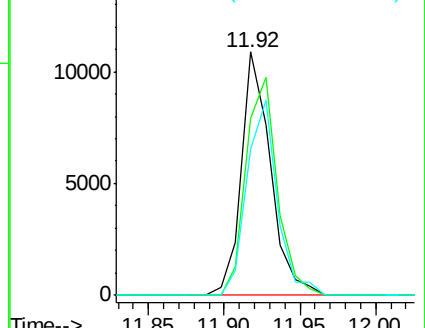
176 60.1 0.0 183.2



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. -0.02 min

Lab File: VD059432.D

Acq: 26 Jun 2018 19:13

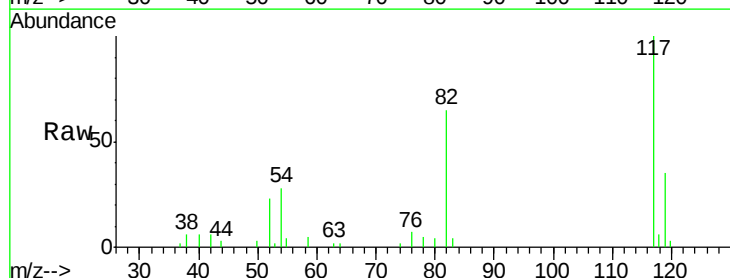
Tgt Ion: 117 Resp: 32797

Ion Ratio Lower Upper

117 100

82 65.2 49.0 73.6

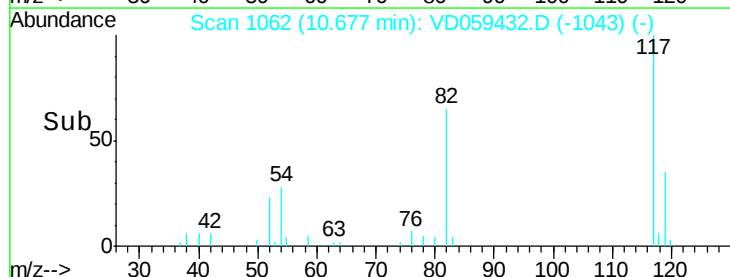
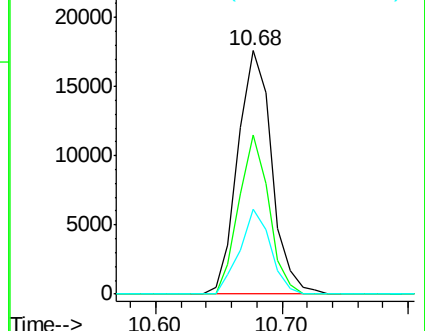
119 35.0 26.2 39.4

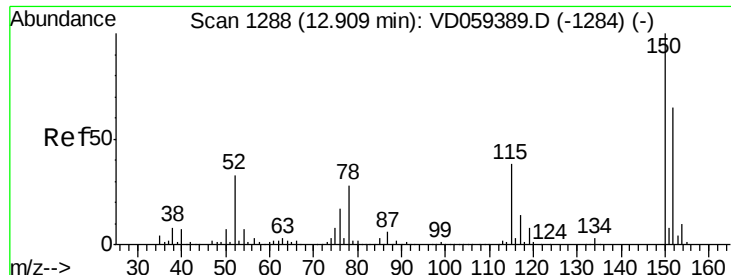


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

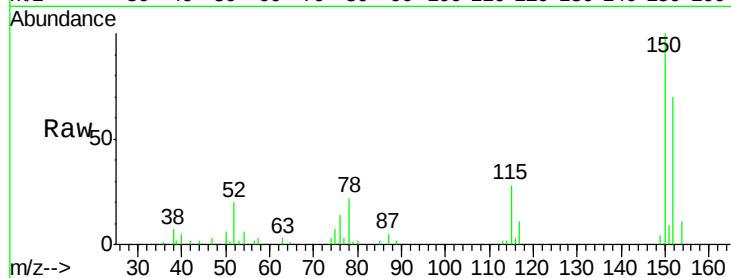




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.90 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD059432.D
 Acq: 26 Jun 2018 19:13

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	39.8	29.4	88.3
150	143.7	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

