

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059443.D
 Acq On : 27 Jun 2018 14:33
 Operator : VA/AP
 Sample : J3681-04RE
 Misc : 9.40g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 27 15:28:45 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	5.65	168	10908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	16110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	16904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	10597	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	6829	61.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	122.44%	
35) Dibromofluoromethane	5.54	113	3858	29.40	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	58.80%	
50) Toluene-d8	8.71	98	10774	35.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	70.24%	
62) 4-Bromofluorobenzene	11.92	95	6836	53.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.14%	

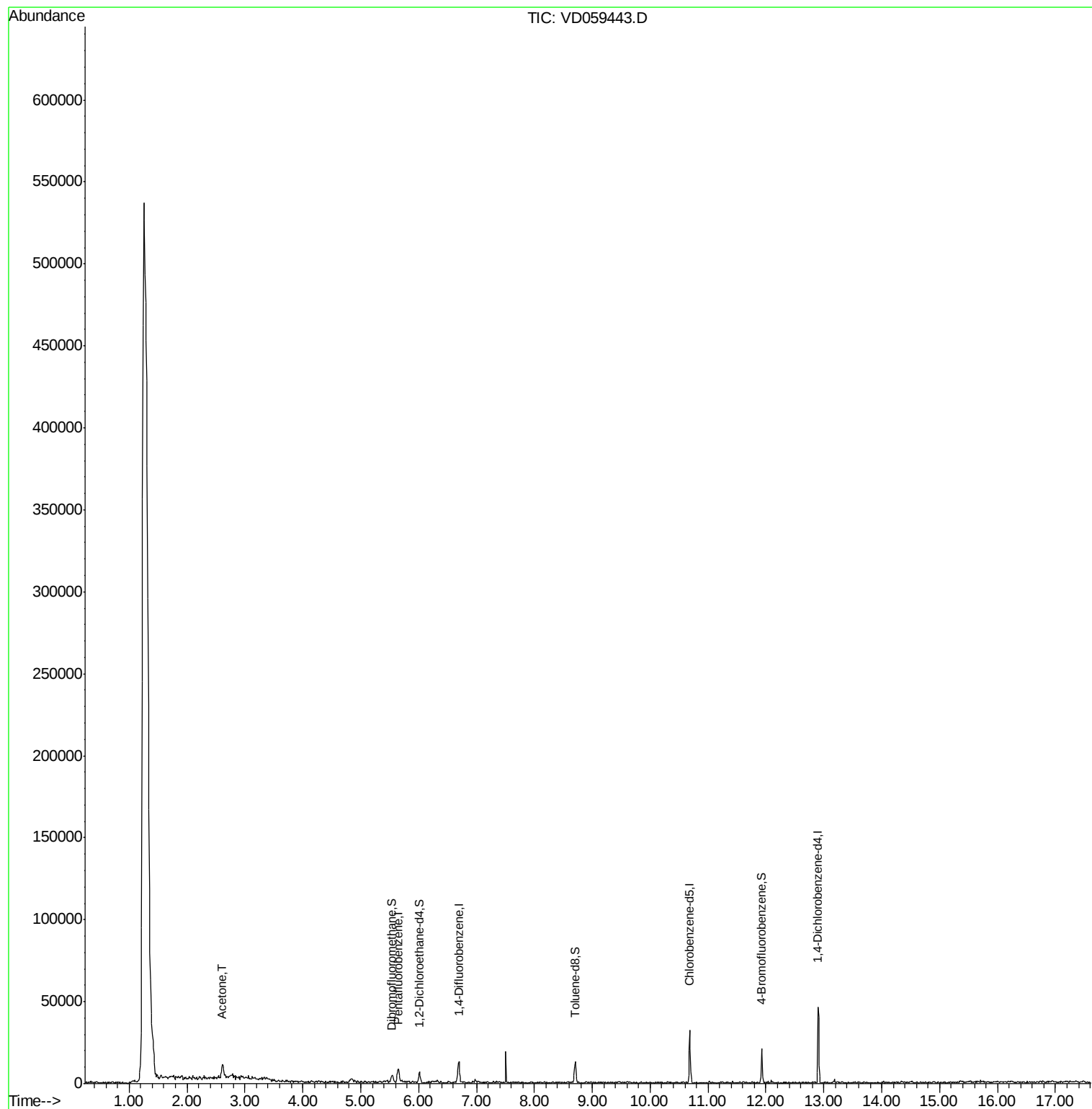
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.61	43	17076	1212.91	ug/l	# 87

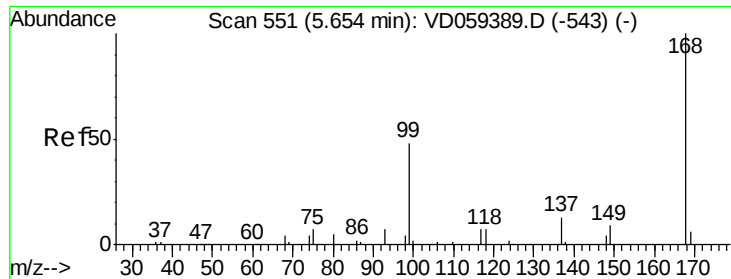
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.00 min

Lab File: VD059443.D

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MSVOA_D

ClientSampleId :

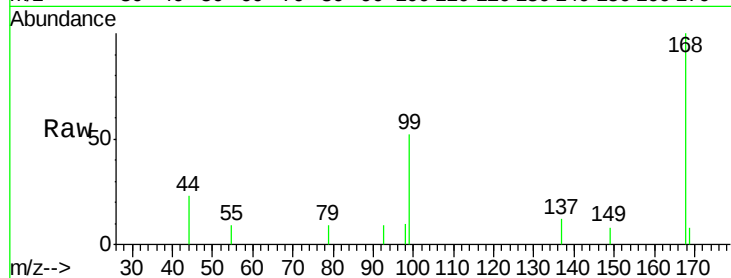
FK-GF-02-022-BRE

Tot Ion:168 Resp: 10908

Ion Ratio Lower Upper

168 100

99 51.6 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

4000

3000

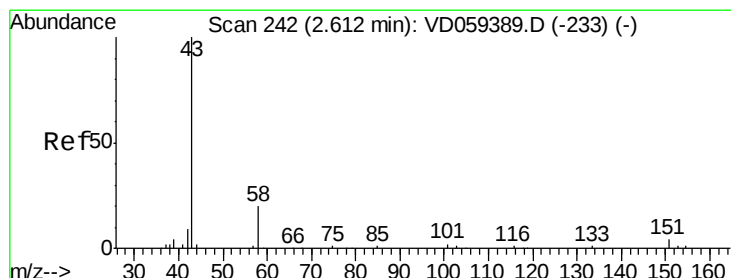
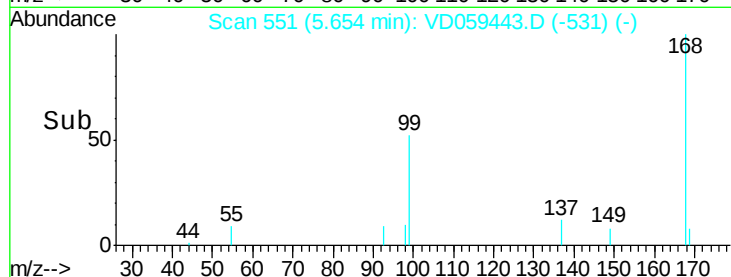
2000

1000

0

Time-->

5.55 5.60 5.65 5.70 5.75



#16

Acetone

Concen: 1212.91 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD059443.D

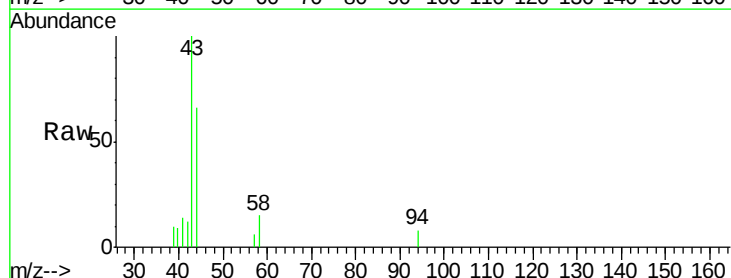
Acq: 27 Jun 2018 14:33

Tgt Ion: 43 Resp: 17076

Ion Ratio Lower Upper

43 100

58 15.0 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.61

6000

5000

4000

3000

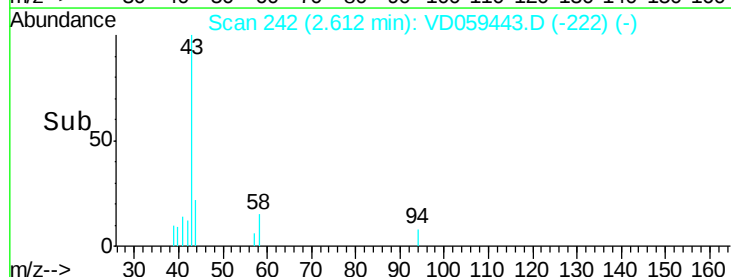
2000

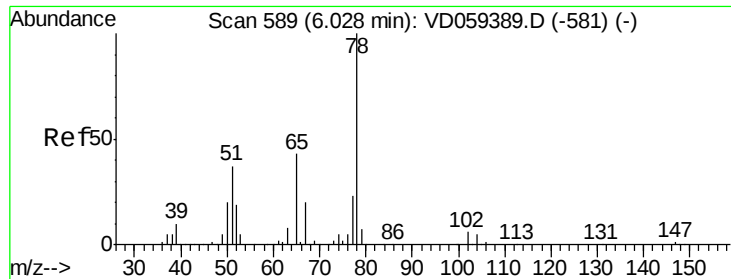
1000

0

Time-->

2.50 2.60 2.70

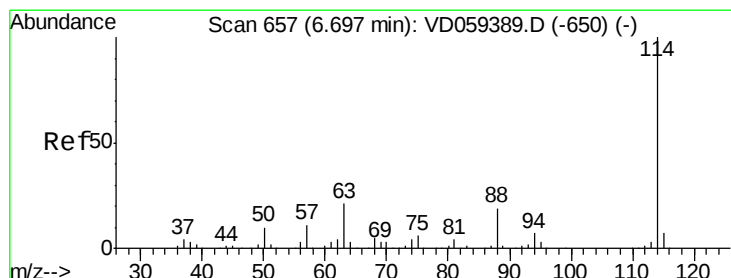
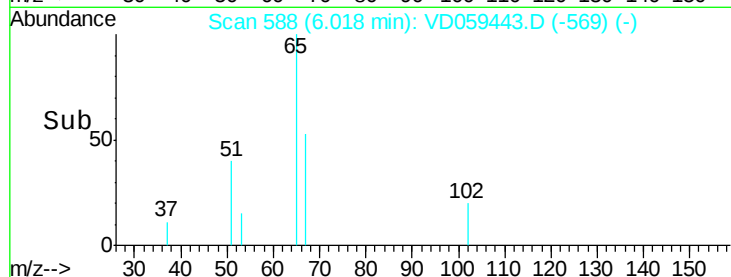
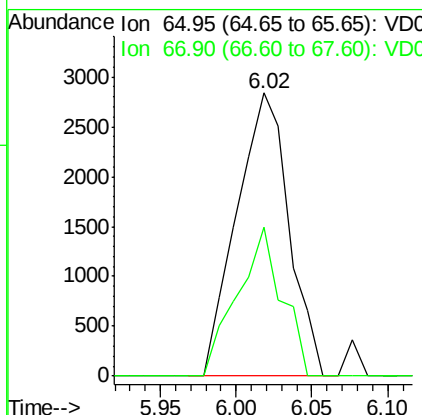
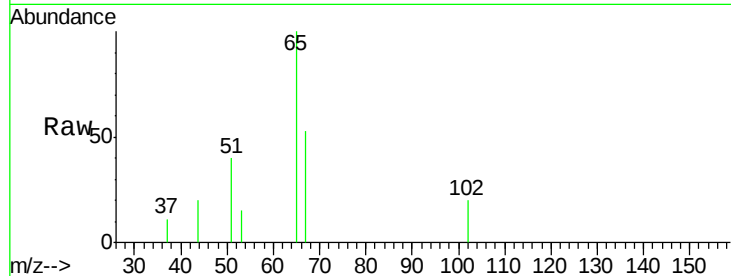




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: VD059443.D
 Acq: 27 Jun 2018 14:33

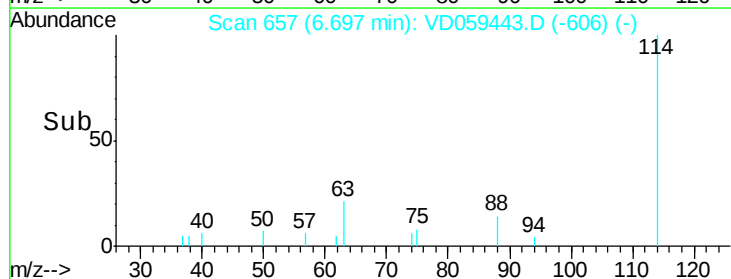
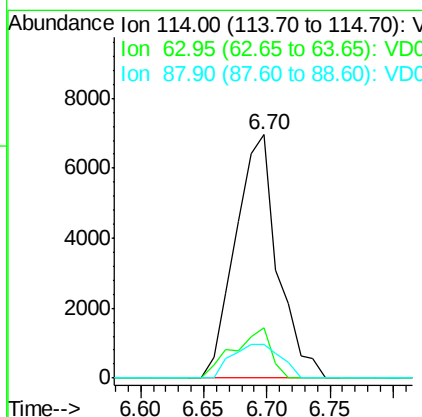
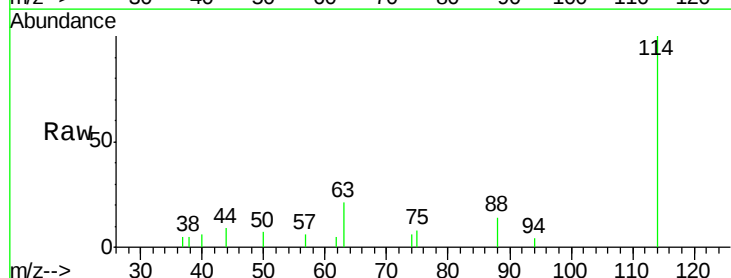
Instrument :
 MSVOA_D
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 FK-GF-02-022-BRE

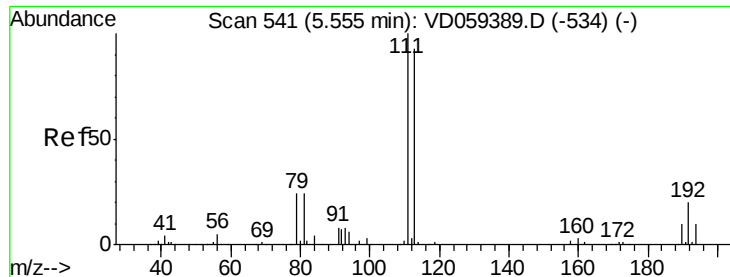
Tot Ion: 65 Resp: 6829
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VD059443.D
 Acq: 27 Jun 2018 14:33

Tgt Ion: 114 Resp: 16110
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 13.6 0.0 38.0





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 539

Delta R.T. -0.02 min

Lab File: VD059443.D

Acq: 27 Jun 2018 14:33

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-022-BRE

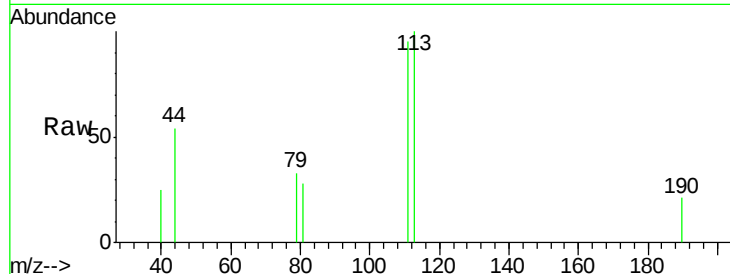
Tot Ion:113 Resp: 3858

Ion Ratio Lower Upper

113 100

111 95.3 85.7 128.5

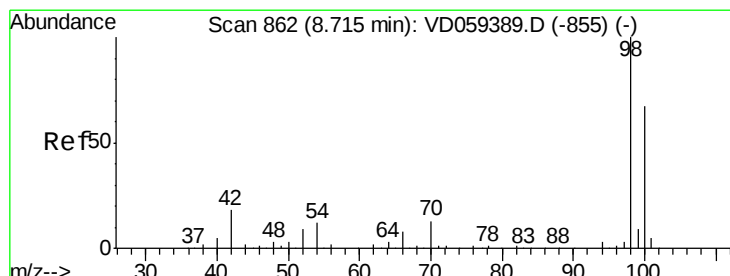
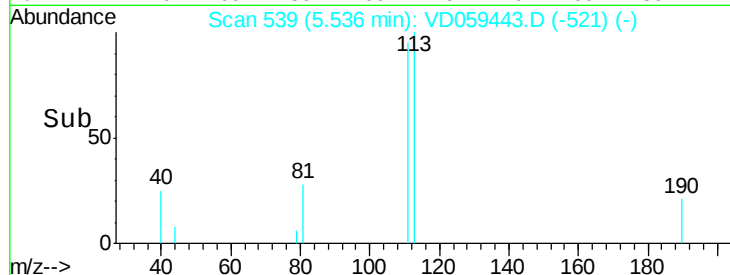
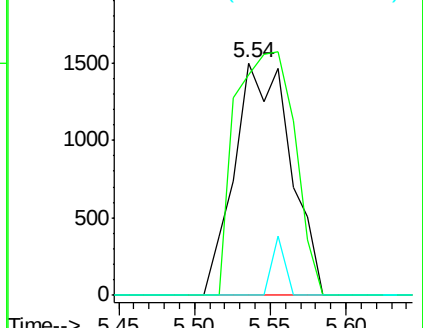
192 0.0 16.9 25.3#



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: 8.71 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD059443.D

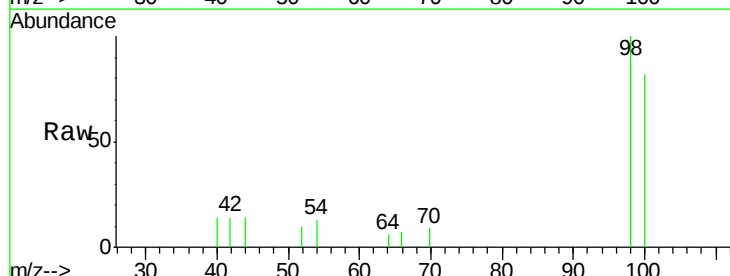
Acq: 27 Jun 2018 14:33

Tgt Ion: 98 Resp: 10774

Ion Ratio Lower Upper

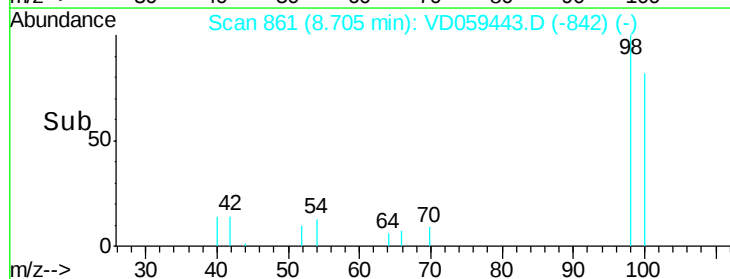
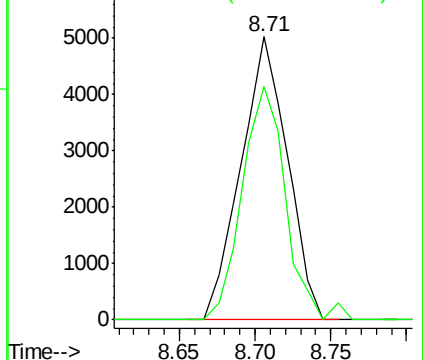
98 100

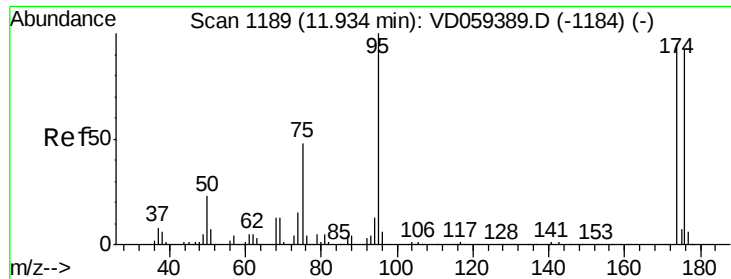
100 82.5 54.4 81.6#



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

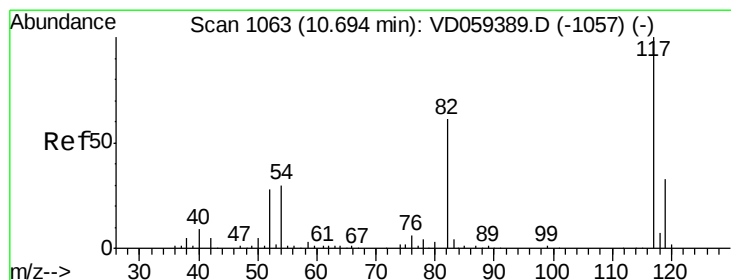
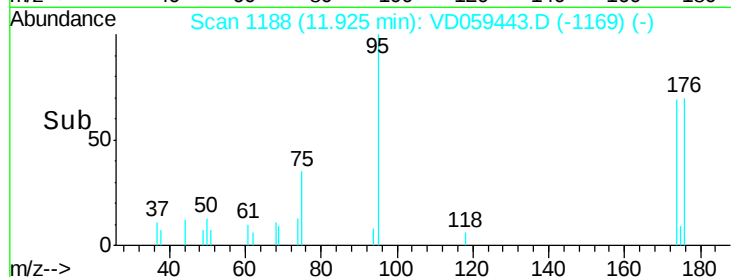
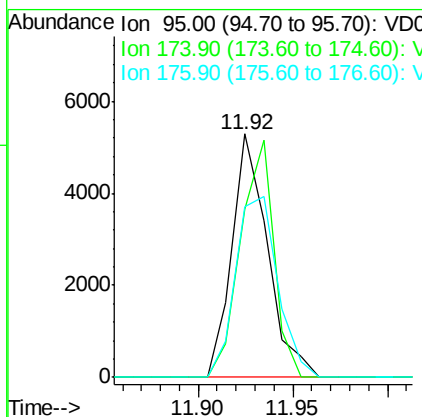
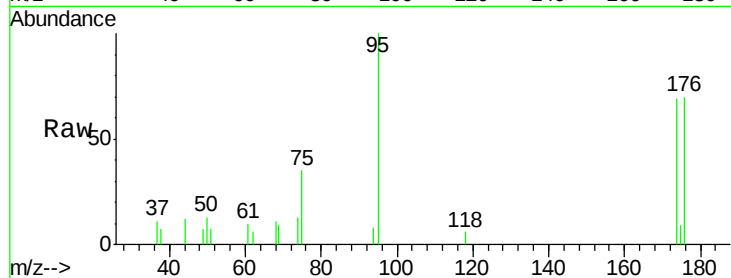




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059443.D
Acq: 27 Jun 2018 14:33

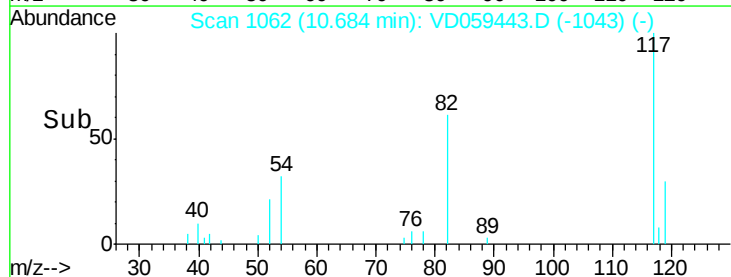
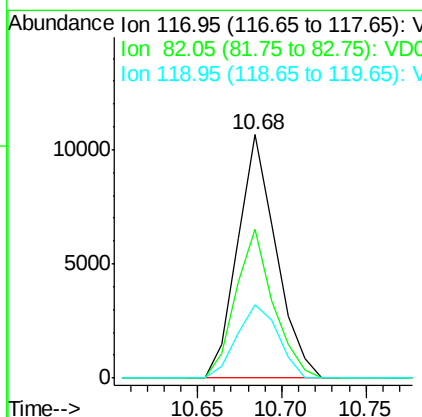
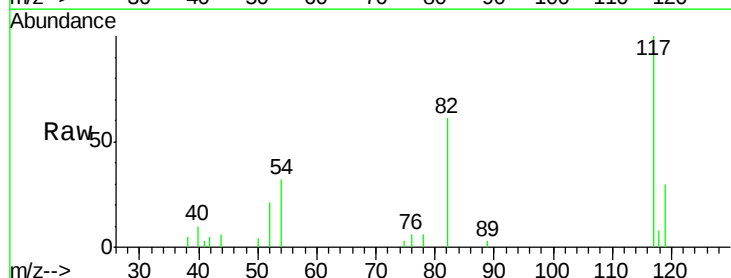
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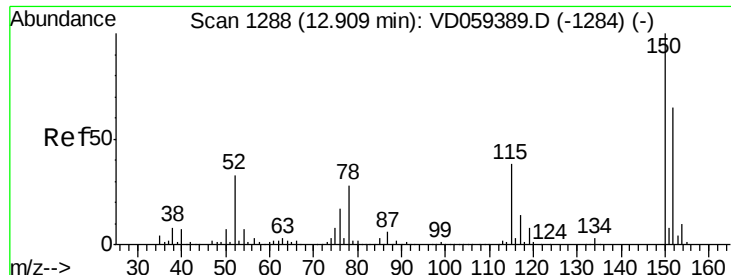
Tot Ion: 95 Resp: 6836
Ion Ratio Lower Upper
95 100
174 69.0 0.0 190.4
176 70.1 0.0 183.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059443.D
Acq: 27 Jun 2018 14:33

Tgt Ion: 117 Resp: 16904
Ion Ratio Lower Upper
117 100
82 61.3 49.0 73.6
119 30.0 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VD059443.D

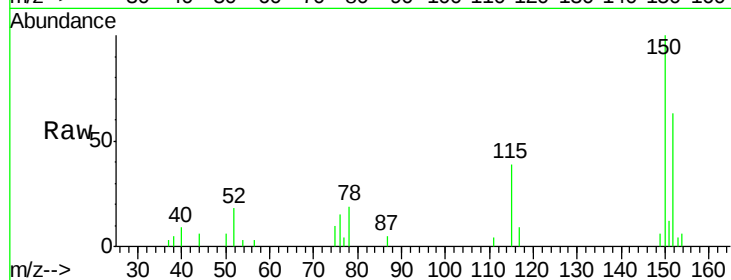
Acq: 27 Jun 2018 14:33

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-022-BRE



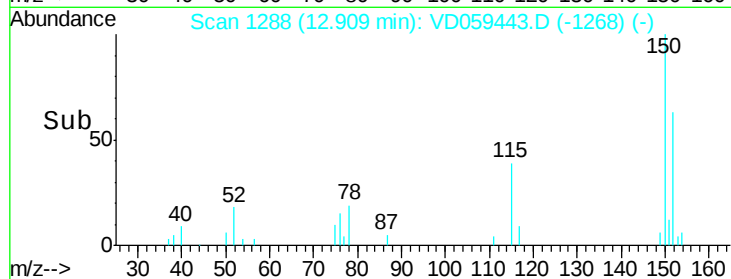
Tot Ion:152 Resp: 10597

Ion Ratio Lower Upper

152 100

115 61.4 29.4 88.3

150 157.9 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

