

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059393.D
 Acq On : 2 Jul 2018 18:04
 Operator : VA/AP
 Sample : J3802-07
 Misc : 6.50u/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-7(3.0)

Quant Time: Jul 03 02:05:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

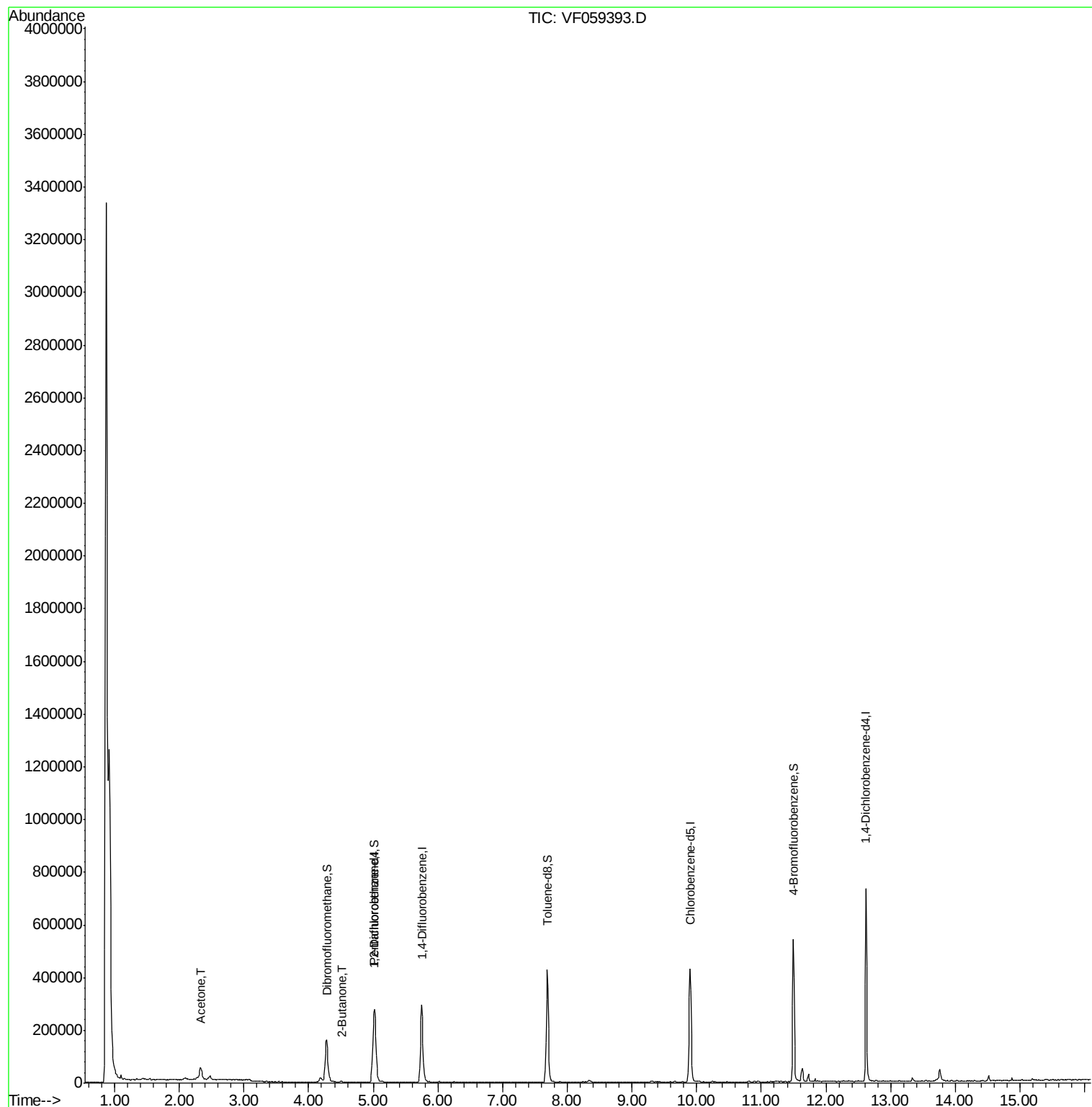
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	175099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	297920	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	293645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	173146	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	169776	75.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	150.10%	
35) Dibromofluoromethane	4.28	113	145013	66.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.24%	
50) Toluene-d8	7.69	98	345021	64.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.04%	
62) 4-Bromofluorobenzene	11.49	95	180257	59.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.58%	
Target Compounds						
16) Acetone	2.33	43	68295	115.39	ug/l	95
25) 2-Butanone	4.51	43	6547	6.90	ug/l #	86

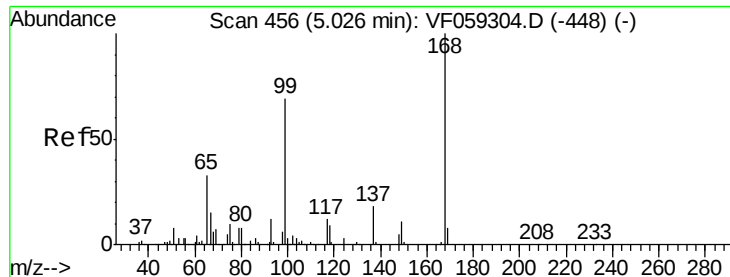
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059393.D

Acq: 2 Jul 2018 18:04

Instrument :

MSVOA_F

ClientSampleId :

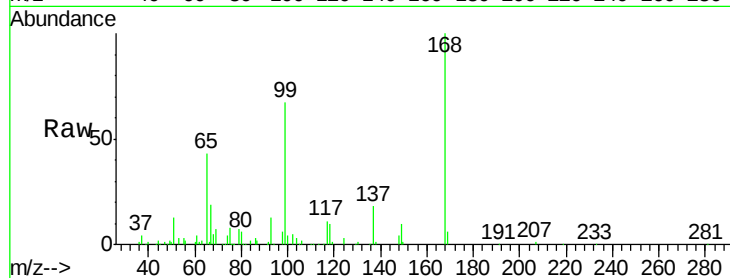
CF-7(3.0)

Tot Ion:168 Resp: 175099

Ion Ratio Lower Upper

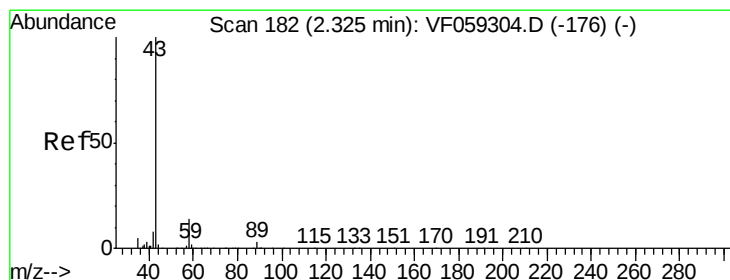
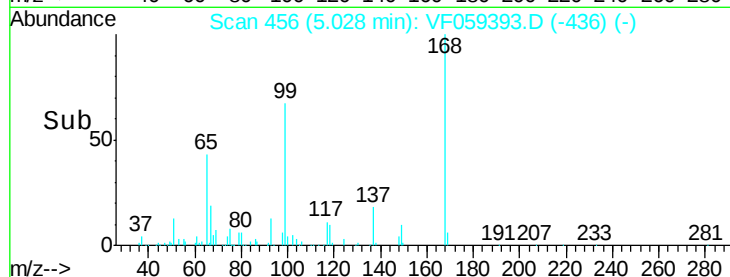
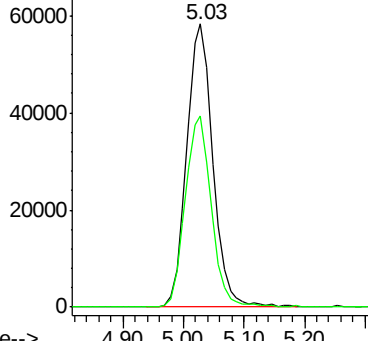
168 100

99 67.4 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 115.39 ug/l

RT: 2.33 min Scan# 182

Delta R.T. 0.00 min

Lab File: VF059393.D

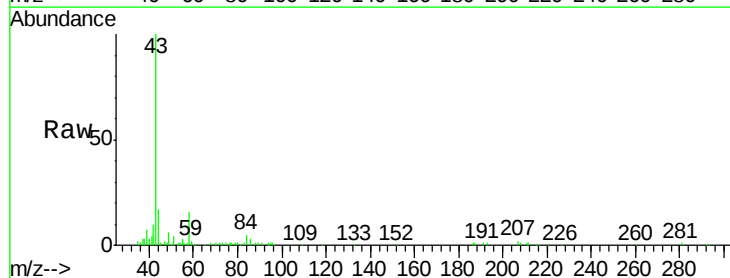
Acq: 2 Jul 2018 18:04

Tgt Ion: 43 Resp: 68295

Ion Ratio Lower Upper

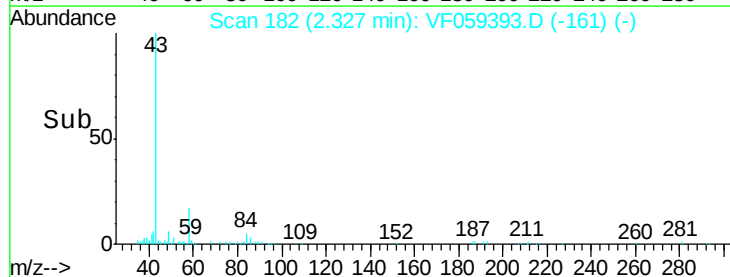
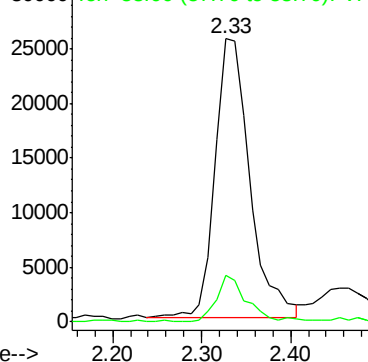
43 100

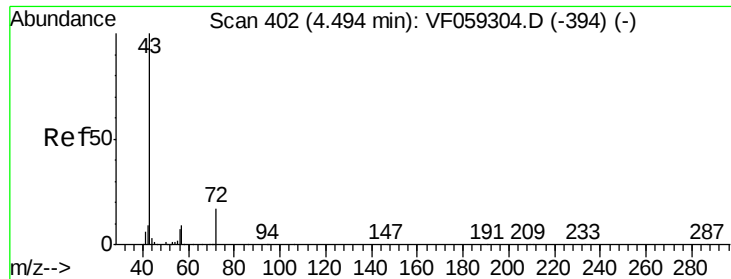
58 16.3 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#25

2-Butanone

Concen: 6.90 ug/l

RT: 4.51 min Scan# 403

Delta R.T. 0.01 min

Lab File: VF059393.D

Acq: 2 Jul 2018 18:04

Instrument :

MSVOA_F

ClientSampleId :

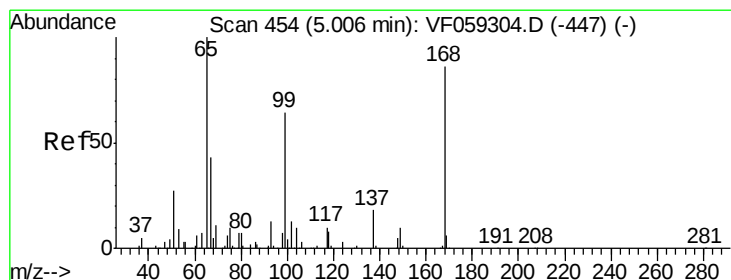
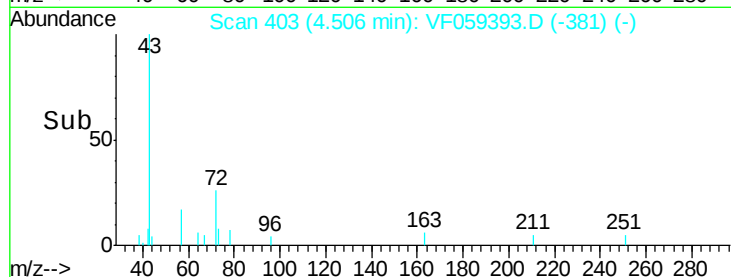
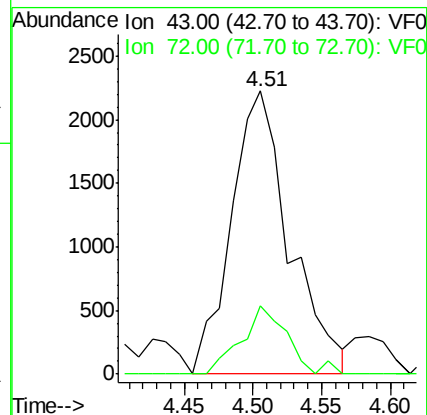
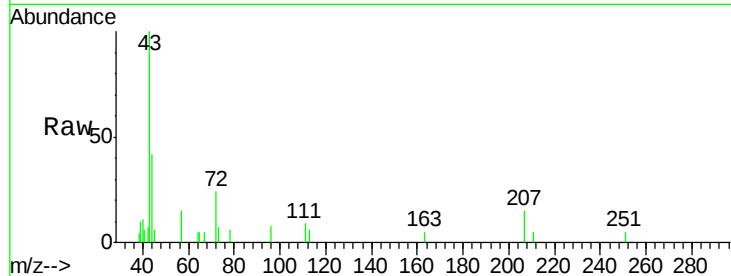
CF-7(3.0)

Tot Ion: 43 Resp: 6547

Ion Ratio Lower Upper

43 100

72 24.0 14.4 21.6#



#33

1,2-Dichloroethane-d4

Concen: 75.05 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059393.D

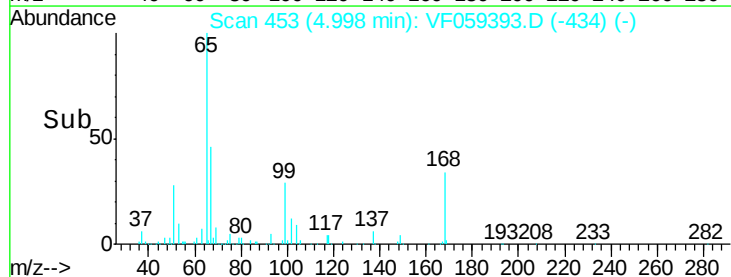
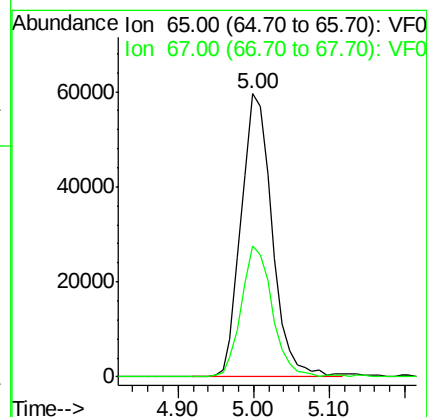
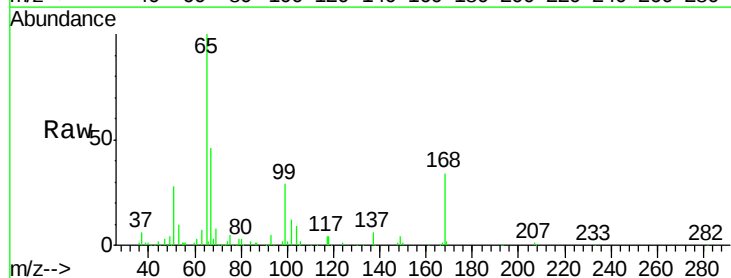
Acq: 2 Jul 2018 18:04

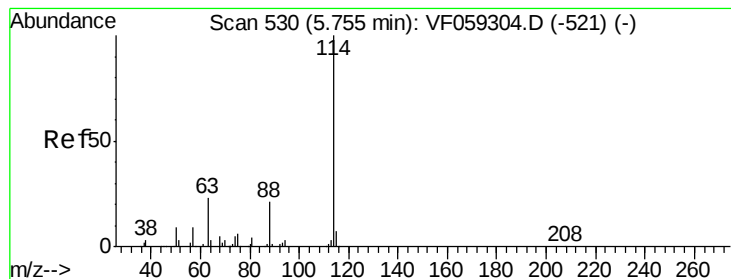
Tgt Ion: 65 Resp: 169776

Ion Ratio Lower Upper

65 100

67 46.1 0.0 96.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059393.D

Acq: 2 Jul 2018 18:04

Instrument :

MSVOA_F

ClientSampleId :

CF-7(3.0)

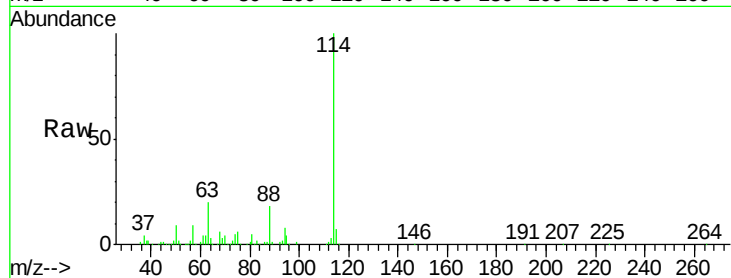
Tot Ion:114 Resp: 297920

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.8

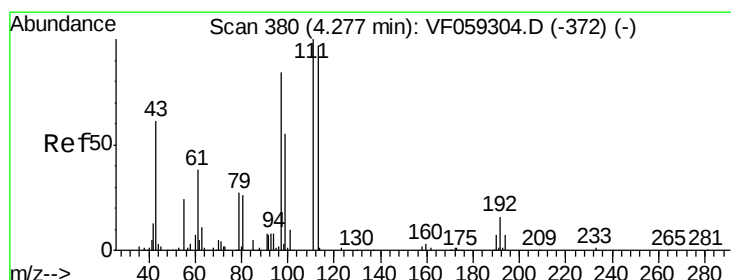
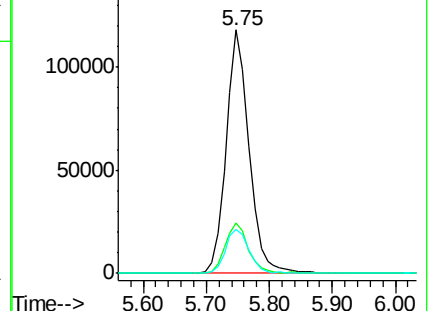
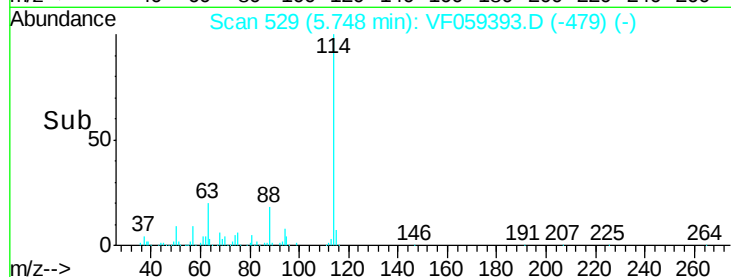
88 17.9 0.0 41.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 66.62 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.00 min

Lab File: VF059393.D

Acq: 2 Jul 2018 18:04

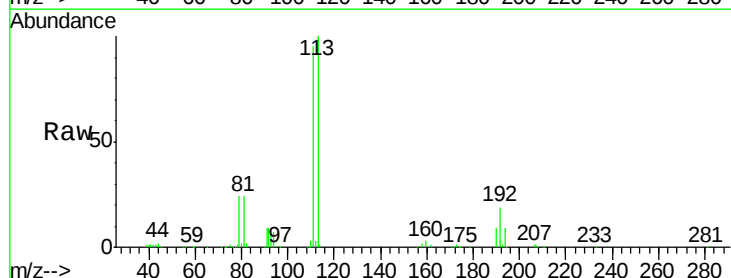
Tgt Ion:113 Resp: 145013

Ion Ratio Lower Upper

113 100

111 95.3 82.1 123.1

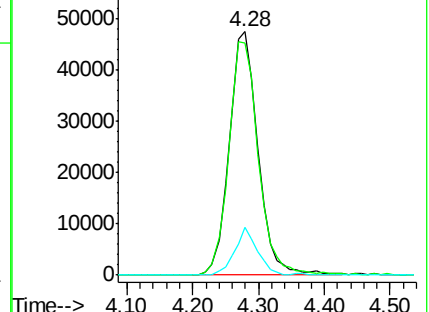
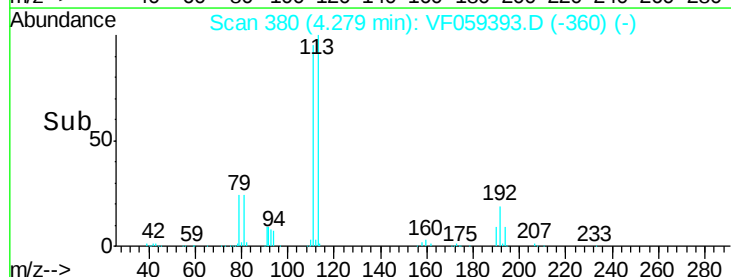
192 19.6 13.0 19.6#

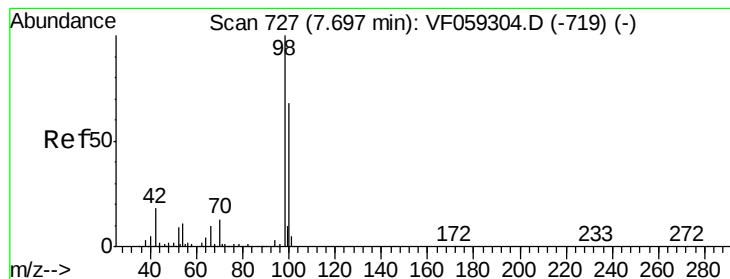


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 64.02 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.01 min

Lab File: VF059393.D

Acq: 2 Jul 2018 18:04

Instrument :

MSVOA_F

ClientSampleId :

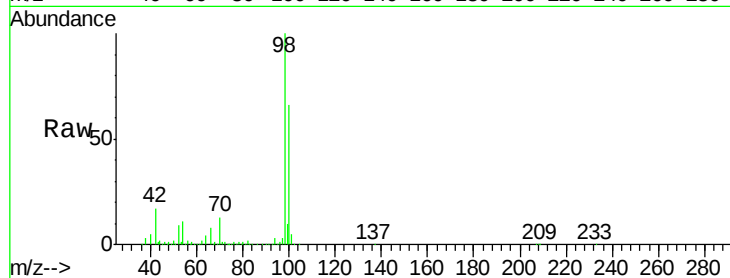
CF-7(3.0)

Tot Ion: 98 Resp: 345021

Ion Ratio Lower Upper

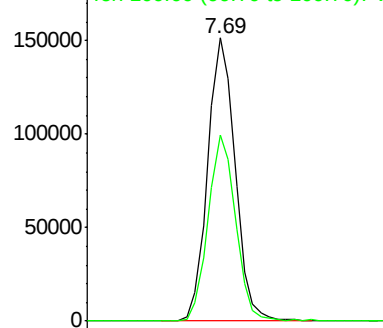
98 100

100 65.7 54.6 82.0

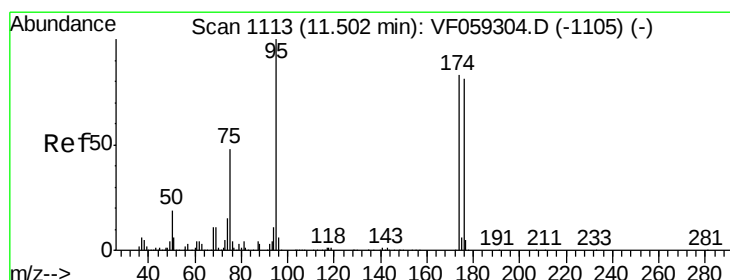
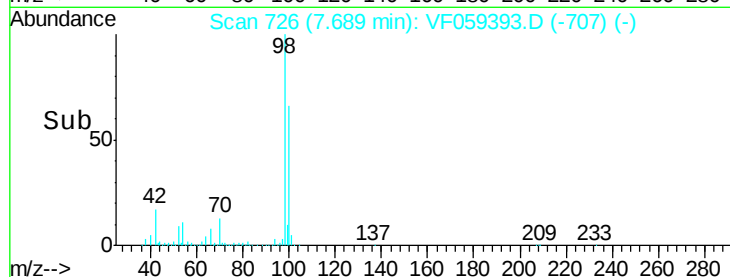


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->



#62

4-Bromofluorobenzene

Concen: 59.29 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059393.D

Acq: 2 Jul 2018 18:04

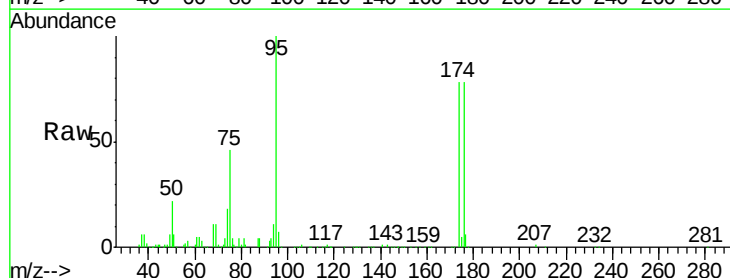
Tgt Ion: 95 Resp: 180257

Ion Ratio Lower Upper

95 100

174 78.3 0.0 165.2

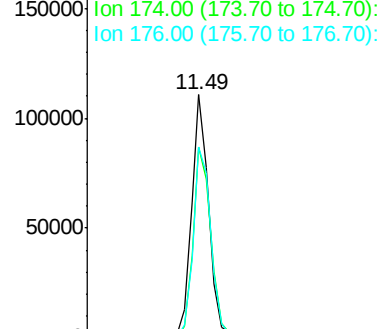
176 78.4 0.0 161.0



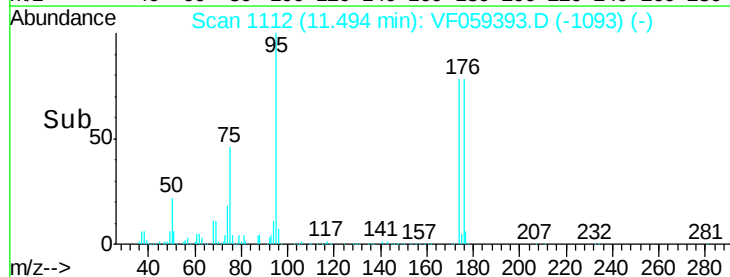
Abundance Ion 95.00 (94.70 to 95.70): VF0

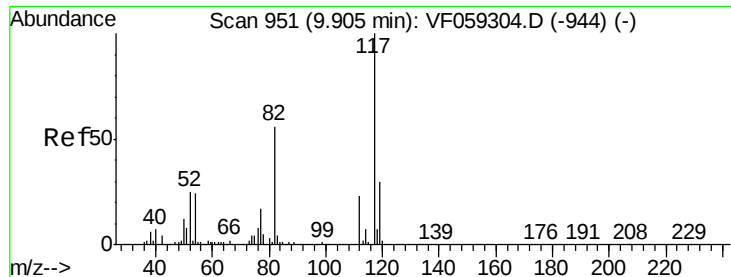
Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



Time-->

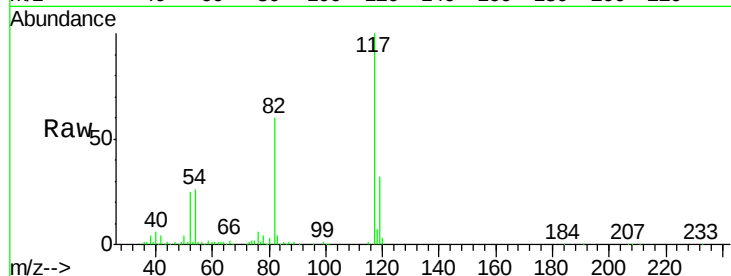




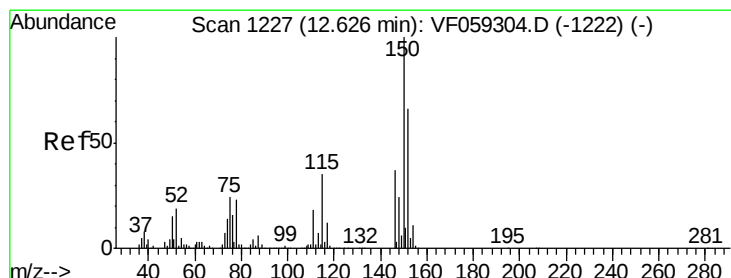
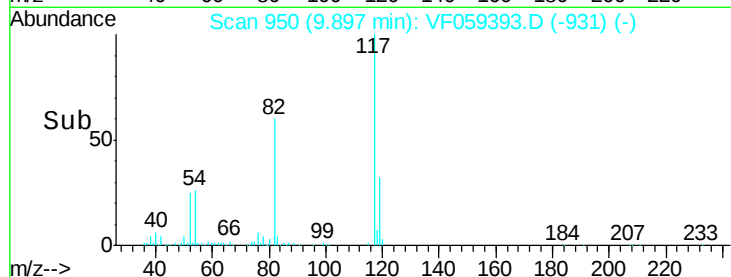
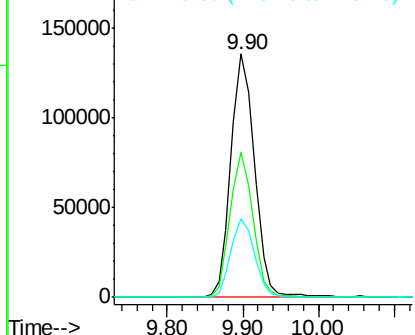
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059393.D
Acq: 2 Jul 2018 18:04

Instrument :
MSVOA_F
ClientSampleId :
CF-7(3.0)

Tot Ion:117 Resp: 293645
Ion Ratio Lower Upper
117 100
82 59.7 44.6 66.8
119 32.2 24.1 36.1

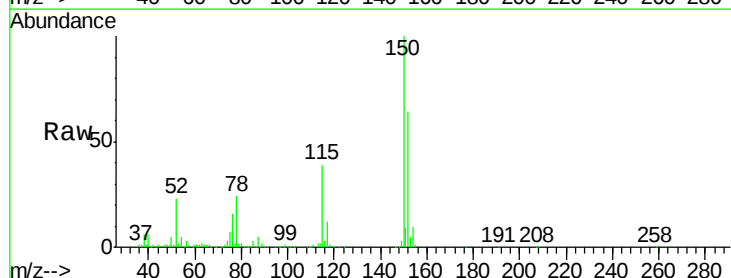


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059393.D
Acq: 2 Jul 2018 18:04

Tgt Ion:152 Resp: 173146
Ion Ratio Lower Upper
152 100
115 60.1 27.1 81.3
150 155.3 0.0 305.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

