

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
 Data File : VF060476.D
 Acq On : 6 Oct 2018 1:10
 Operator : VA/AP
 Sample : J5084-10
 Misc : 6.12/5mL/MSVOA F/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-12(7-7.5)

Quant Time: Oct 06 05:52:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

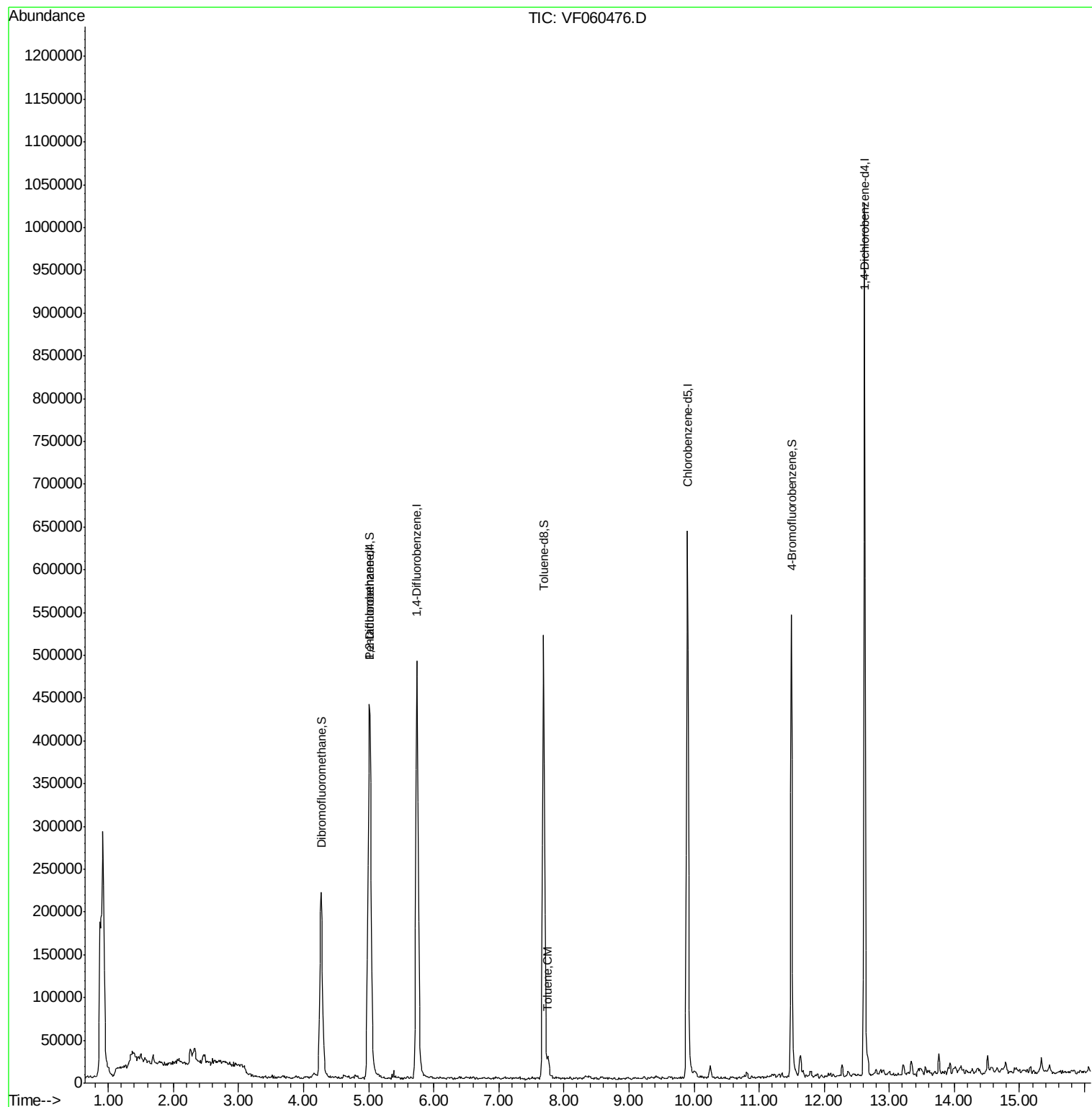
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	333087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	551942	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	448539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	247391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	168183	32.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.54%	
35) Dibromofluoromethane	4.27	113	202346	39.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.04%	
50) Toluene-d8	7.69	98	444842	34.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.66%	
62) 4-Bromofluorobenzene	11.50	95	186255	31.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.88%	
Target Compounds						
52) Toluene	7.75	92	11187	1.219	ug/l	Qvalue 93

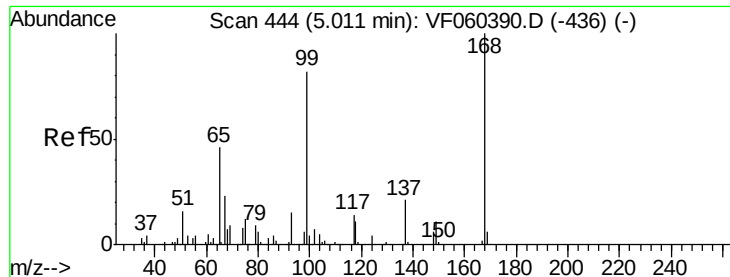
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060476.D

Acq: 6 Oct 2018 1:10

Instrument :

MSVOA_F

ClientSampleId :

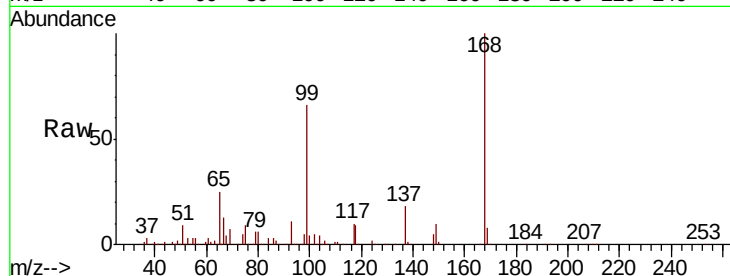
B-12(7-7.5)

Tot Ion:168 Resp: 333087

Ion Ratio Lower Upper

168 100

99 65.5 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.02

120000

100000

80000

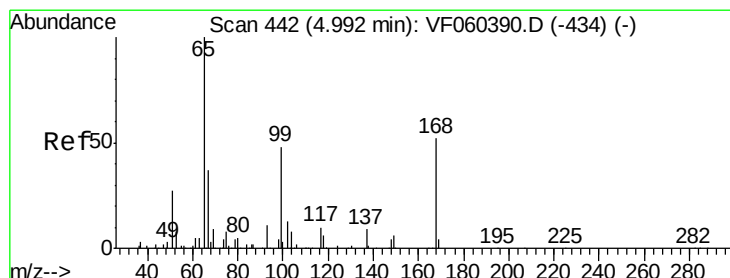
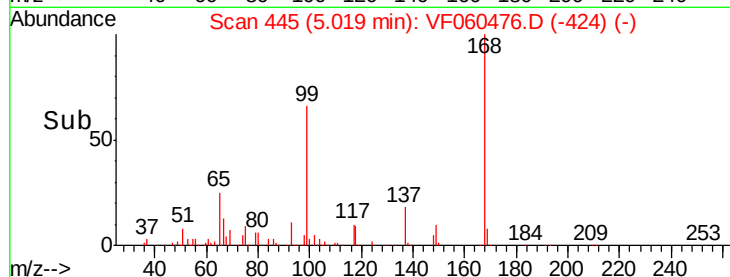
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 32.268 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.01 min

Lab File: VF060476.D

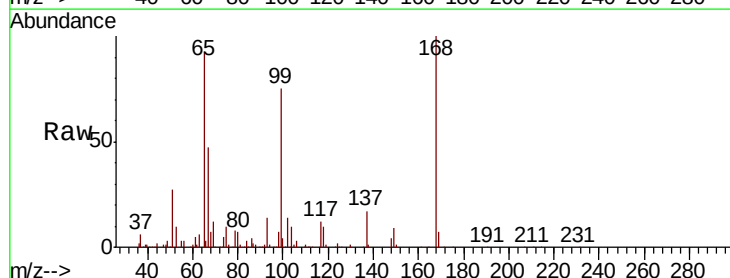
Acq: 6 Oct 2018 1:10

Tgt Ion: 65 Resp: 168183

Ion Ratio Lower Upper

65 100

67 50.1 0.0 89.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

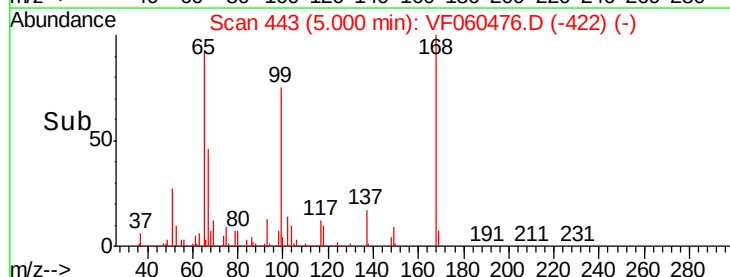
60000

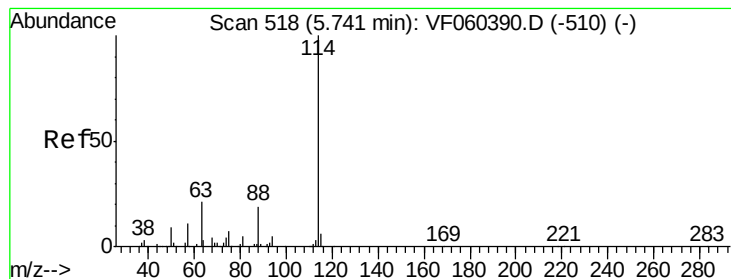
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.74 min Scan# 518

Delta R.T. -0.00 min

Lab File: VF060476.D

Acq: 6 Oct 2018 1:10

Instrument :

MSVOA_F

ClientSampleId :

B-12(7-7.5)

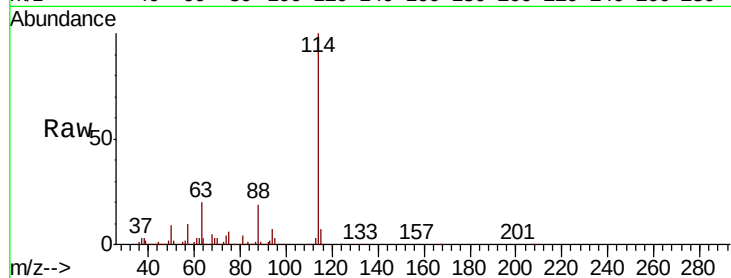
Tot Ion:114 Resp: 551942

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.2

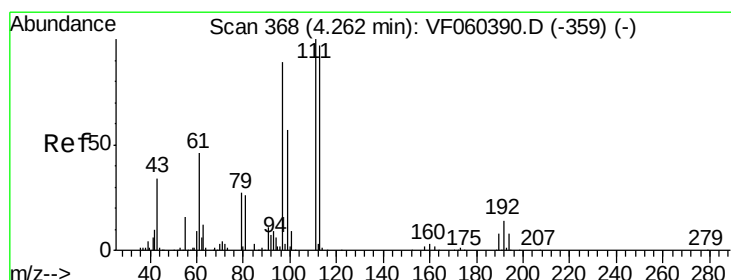
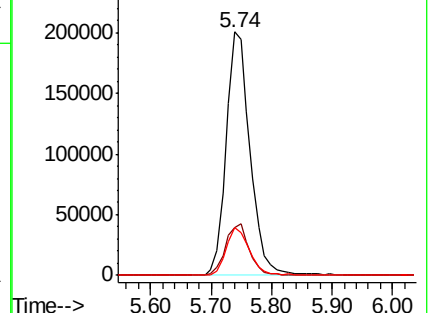
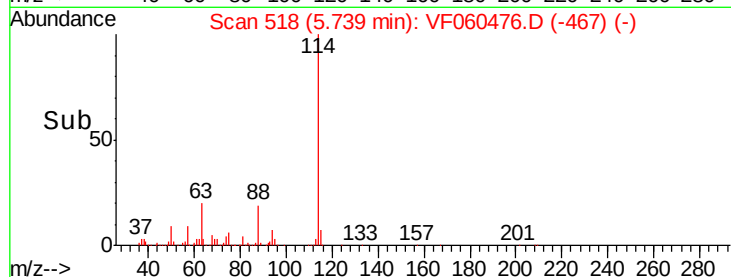
88 19.5 0.0 38.8



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: 39.024 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.01 min

Lab File: VF060476.D

Acq: 6 Oct 2018 1:10

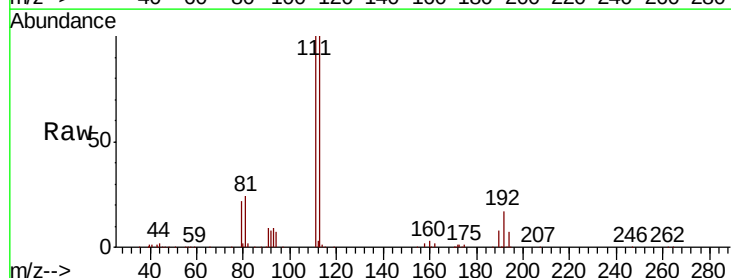
Tgt Ion:113 Resp: 202346

Ion Ratio Lower Upper

113 100

111 99.9 82.3 123.5

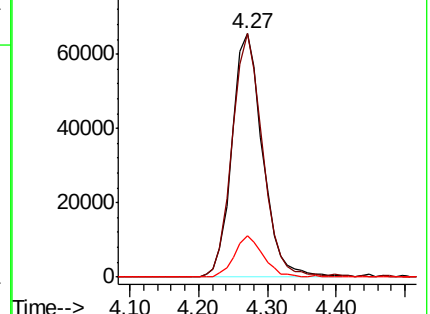
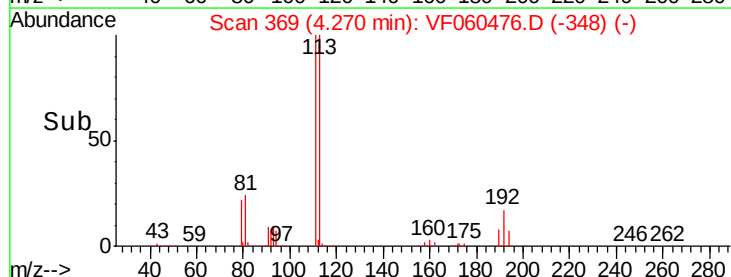
192 17.2 11.8 17.6

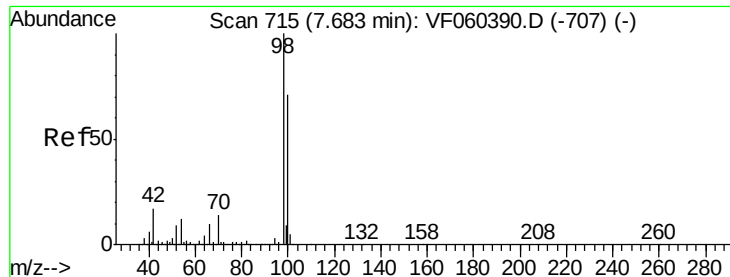


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 34.835 ug/l

RT: 7.69 min Scan# 716

Delta R.T. 0.01 min

Lab File: VF060476.D

Acq: 6 Oct 2018 1:10

Instrument :

MSVOA_F

ClientSampleId :

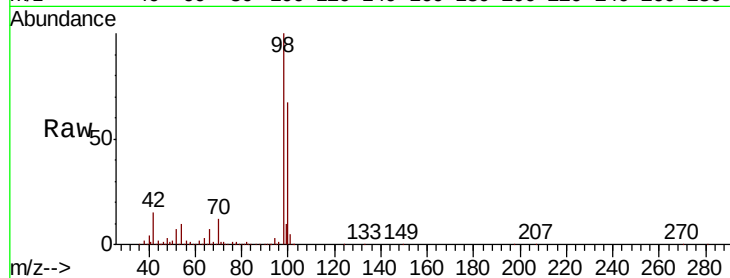
B-12(7-7.5)

Tot Ion: 98 Resp: 444842

Ion Ratio Lower Upper

98 100

100 67.0 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

200000

150000

100000

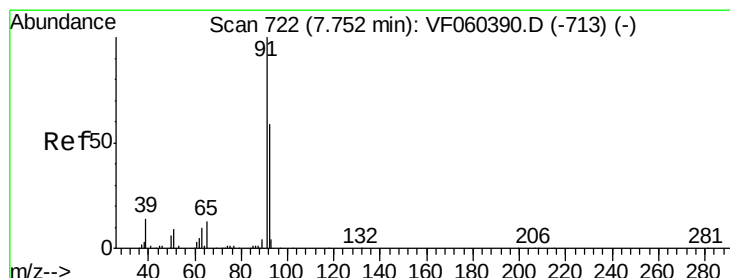
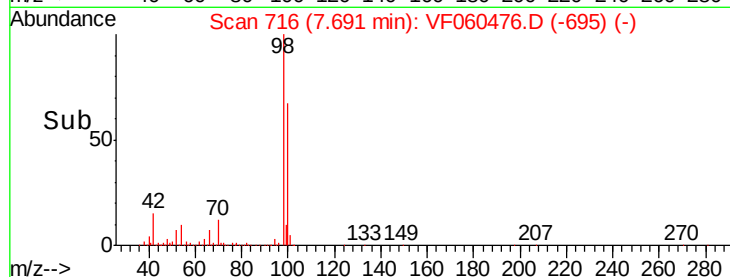
50000

0

7.69

7.60 7.70 7.80 7.90

Time-->



#52

Toluene

Concen: 1.219 ug/l

RT: 7.75 min Scan# 722

Delta R.T. -0.00 min

Lab File: VF060476.D

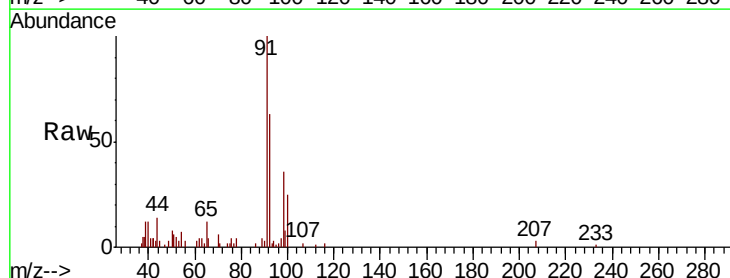
Acq: 6 Oct 2018 1:10

Tgt Ion: 92 Resp: 11187

Ion Ratio Lower Upper

92 100

91 159.1 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

8000

6000

4000

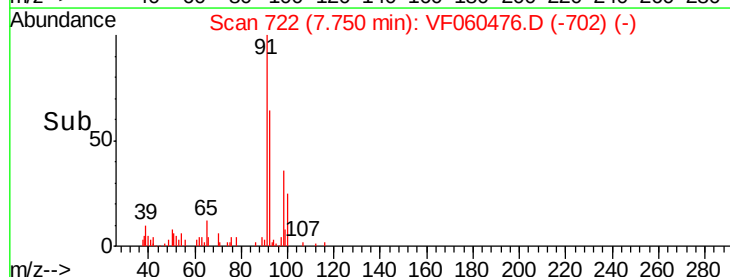
2000

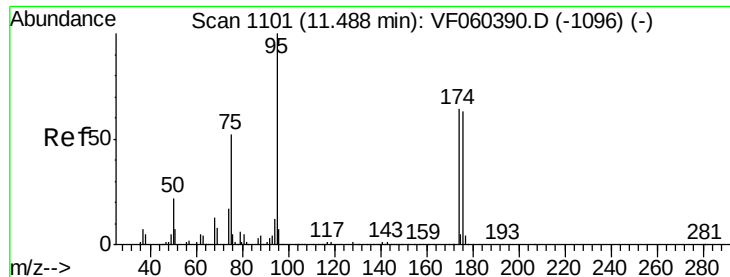
0

7.75

7.70 7.75 7.80 7.85

Time-->





#62

4-Bromofluorobenzene

Concen: 31.944 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. 0.01 min

Lab File: VF060476.D

Acq: 6 Oct 2018 1:10

Instrument :

MSVOA_F

ClientSampleId :

B-12(7-7.5)

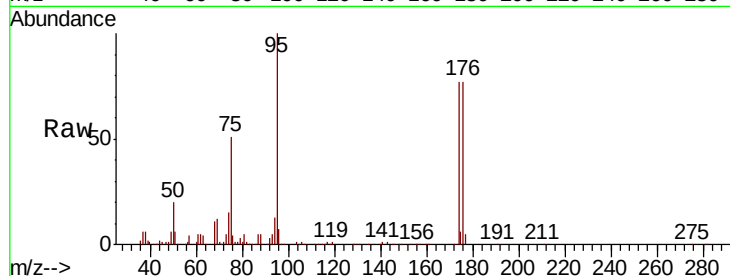
Tot Ion: 95 Resp: 186255

Ion Ratio Lower Upper

95 100

174 76.6 0.0 129.0

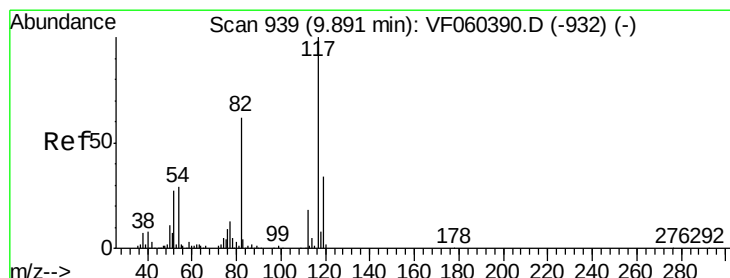
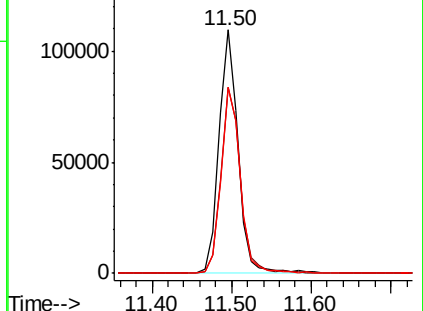
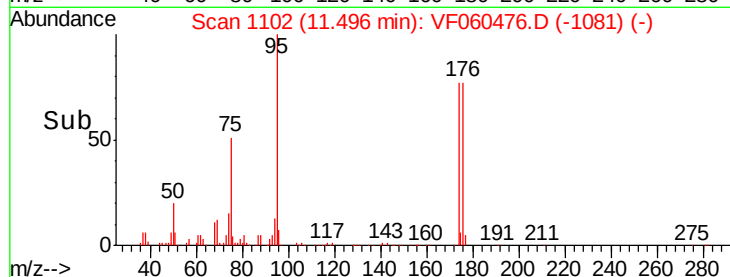
176 76.5 0.0 125.6



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 940

Delta R.T. 0.01 min

Lab File: VF060476.D

Acq: 6 Oct 2018 1:10

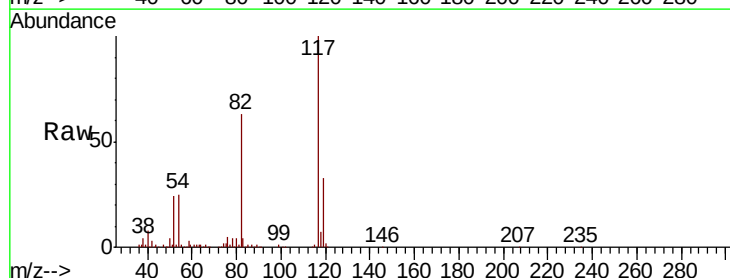
Tgt Ion: 117 Resp: 448539

Ion Ratio Lower Upper

117 100

82 62.5 49.5 74.3

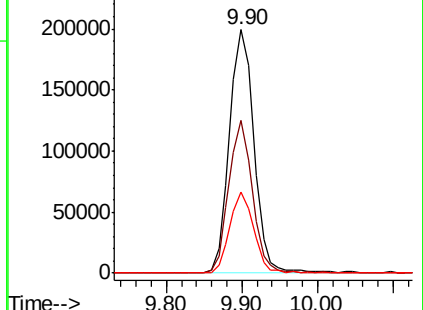
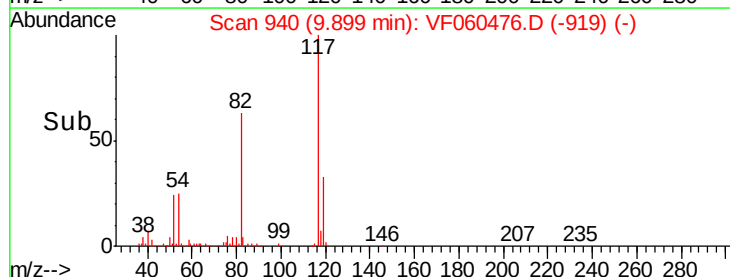
119 33.4 27.0 40.6

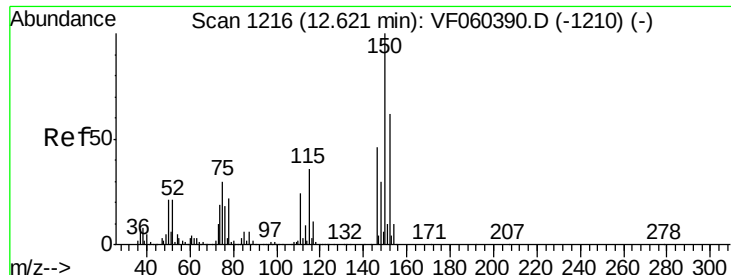


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1216

Delta R.T. -0.00 min

Lab File: VF060476.D

Acq: 6 Oct 2018 1:10

Instrument :

MSVOA_F

ClientSampleId :

B-12(7-7.5)

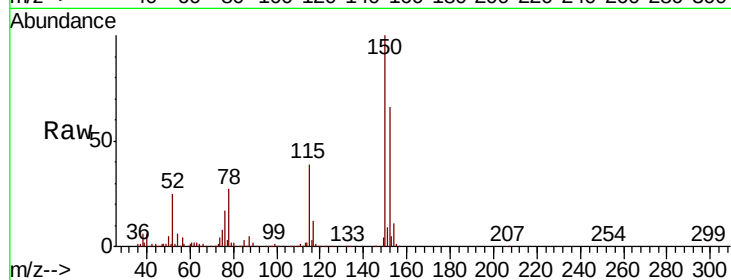
Tot Ion:152 Resp: 247391

Ion Ratio Lower Upper

152 100

115 58.4 28.6 85.8

150 150.7 0.0 324.6



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

