

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
 Data File : VF060460.D
 Acq On : 5 Oct 2018 17:09
 Operator : VA/AP
 Sample : VF1005SBL01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1005SBL01

Quant Time: Oct 06 04:49:35 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	239100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	382576	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	340156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	190860	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	194334	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
35) Dibromofluoromethane	4.27	113	195168	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
50) Toluene-d8	7.69	98	425765	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.49	95	203614	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

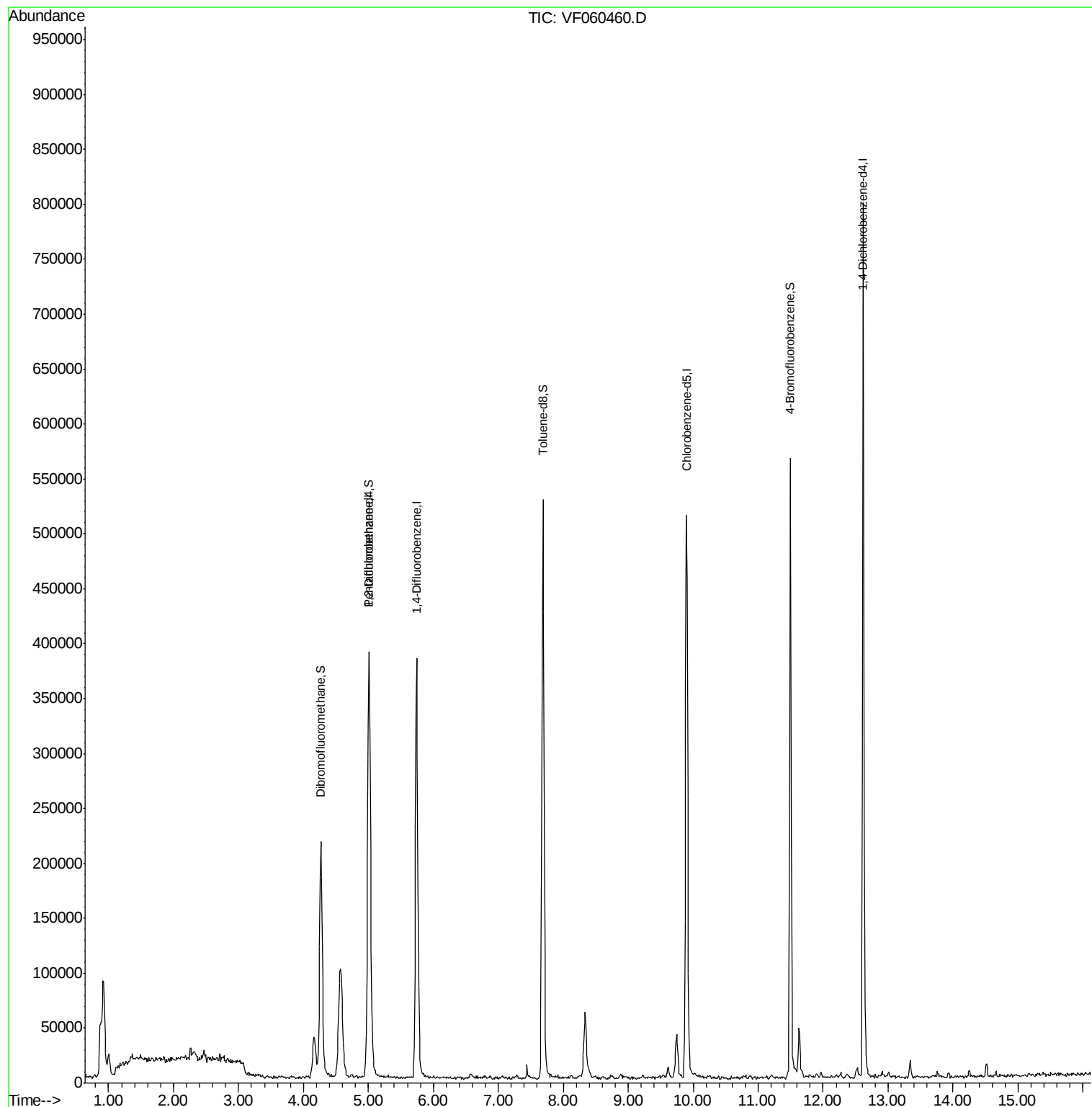
Target Compounds	Qvalue
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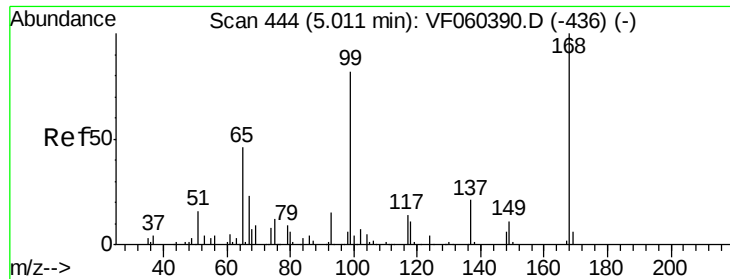
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060460.D

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Instrument :

MSVOA_F

ClientSampleId :

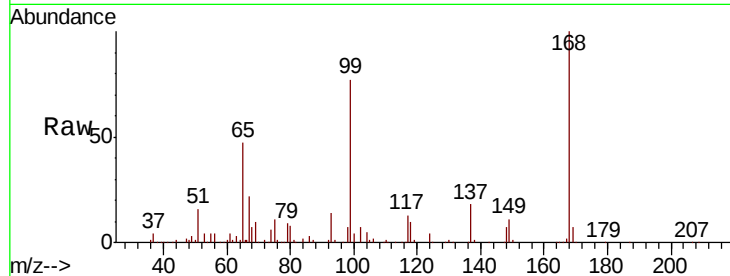
VF1005SBL01

Tot Ion:168 Resp: 239100

Ion Ratio Lower Upper

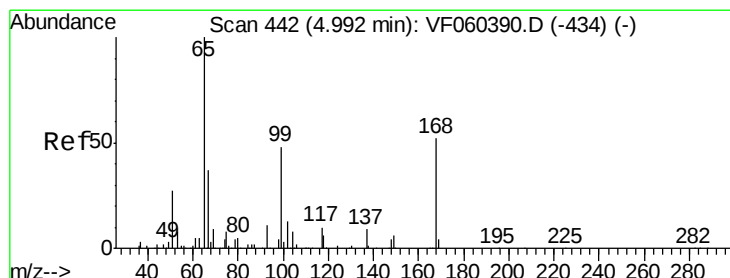
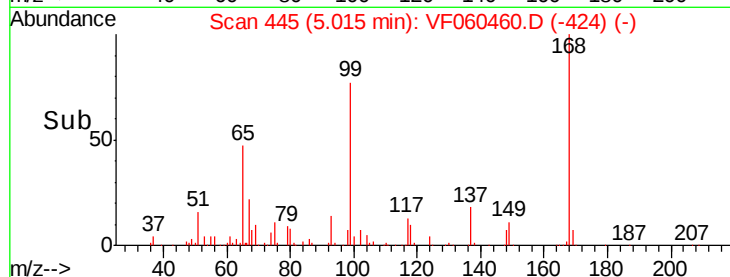
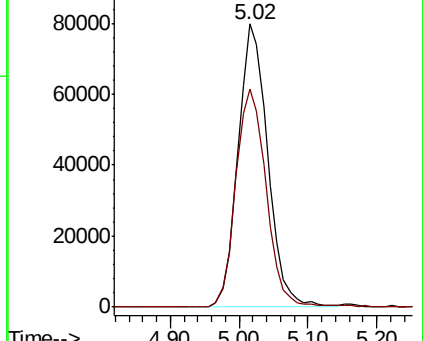
168 100

99 77.3 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 51.942 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.00 min

Lab File: VF060460.D

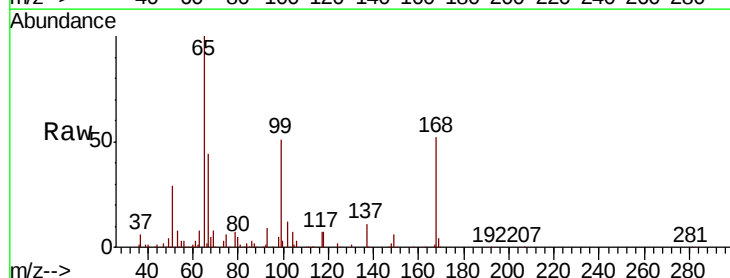
Acq: 5 Oct 2018 17:09

Tgt Ion: 65 Resp: 194334

Ion Ratio Lower Upper

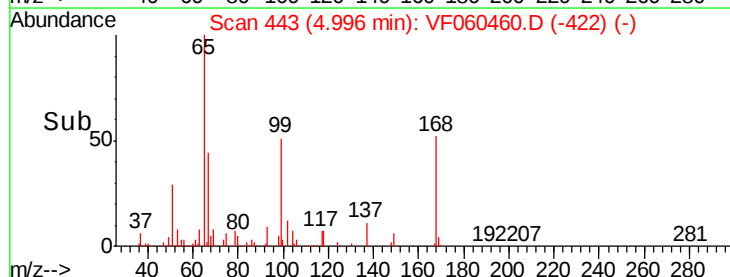
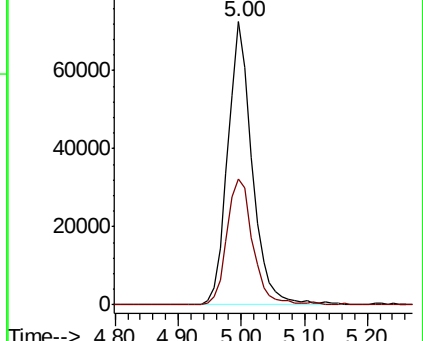
65 100

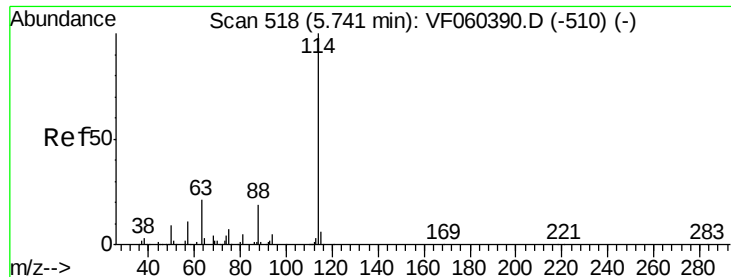
67 44.4 0.0 89.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.74 min Scan# 519

Delta R.T. 0.00 min

Lab File: VF060460.D

Acq: 5 Oct 2018 17:09

Instrument :

MSVOA_F

ClientSampleId :

VF1005SBL01

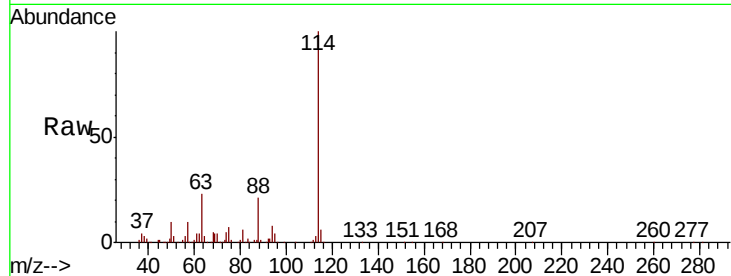
Tot Ion:114 Resp: 382576

Ion Ratio Lower Upper

114 100

63 22.8 0.0 42.2

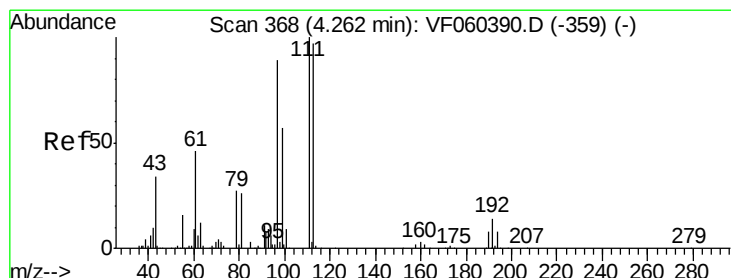
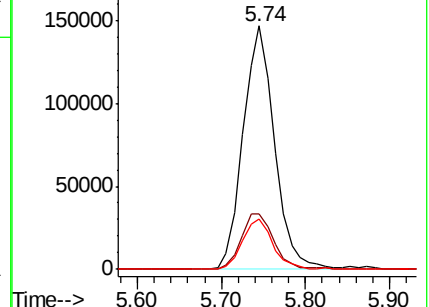
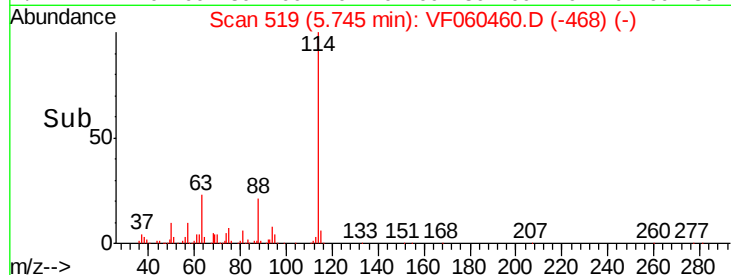
88 20.5 0.0 38.8



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: 54.303 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.00 min

Lab File: VF060460.D

Acq: 5 Oct 2018 17:09

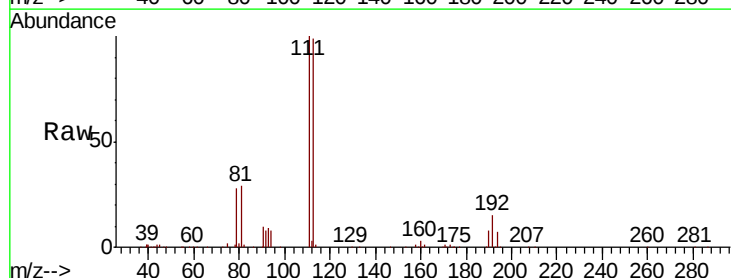
Tgt Ion:113 Resp: 195168

Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

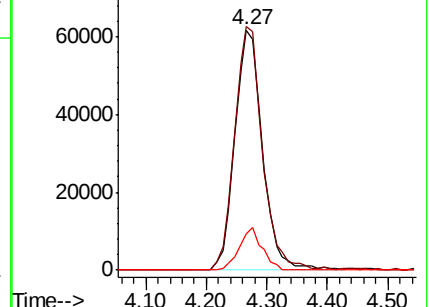
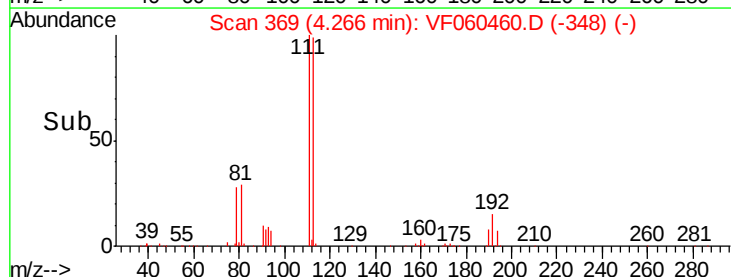
192 14.8 11.8 17.6

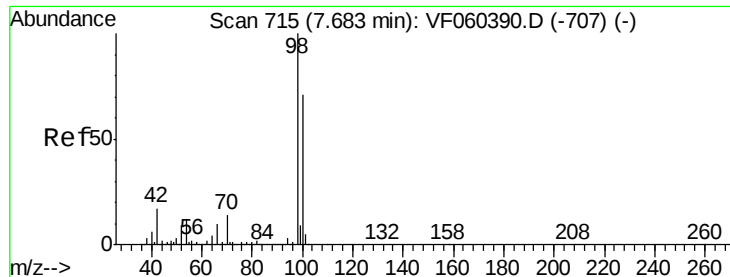


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 48.101 ug/l

RT: 7.69 min Scan# 716

Delta R.T. 0.00 min

Lab File: VF060460.D

Acq: 5 Oct 2018 17:09

Instrument :

MSVOA_F

ClientSampleId :

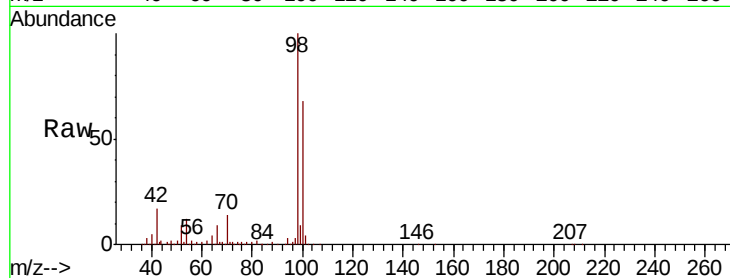
VF1005SBL01

Tot Ion: 98 Resp: 425765

Ion Ratio Lower Upper

98 100

100 67.8 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.69

200000

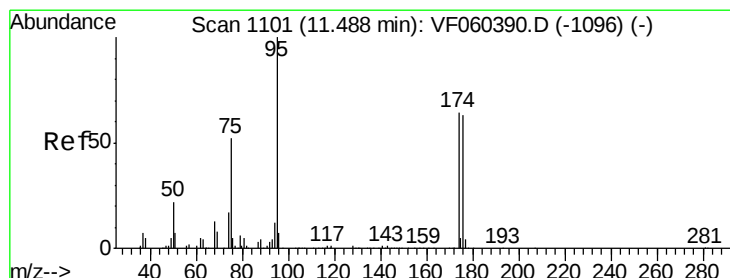
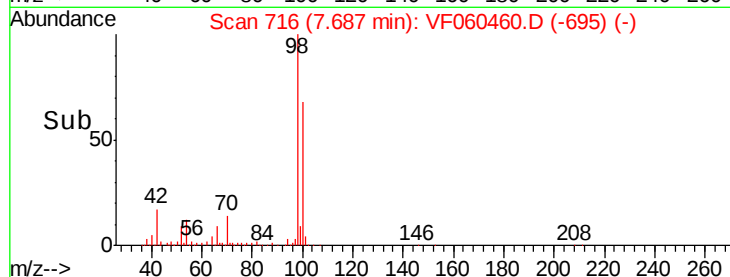
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.380 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VF060460.D

Acq: 5 Oct 2018 17:09

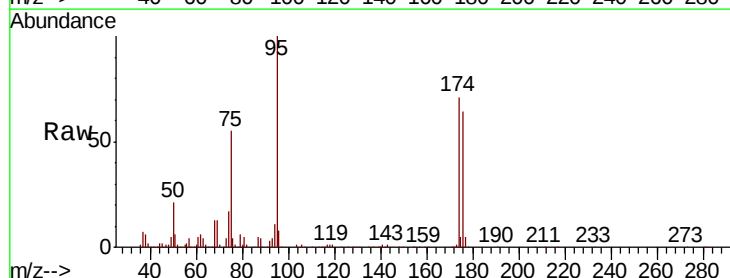
Tgt Ion: 95 Resp: 203614

Ion Ratio Lower Upper

95 100

174 70.5 0.0 129.0

176 63.6 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

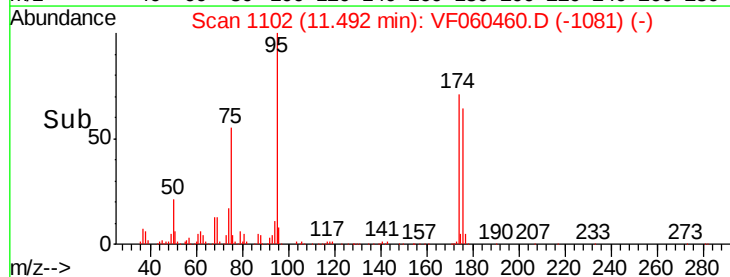
150000

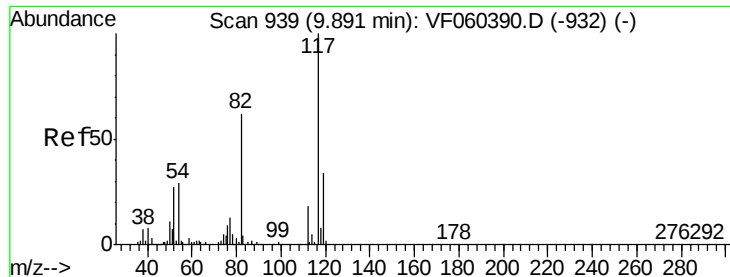
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.89 min Scan# 940

Delta R.T. 0.00 min

Lab File: VF060460.D

Acq: 5 Oct 2018 17:09

Instrument :

MSVOA_F

ClientSampleId :

VF1005SBL01

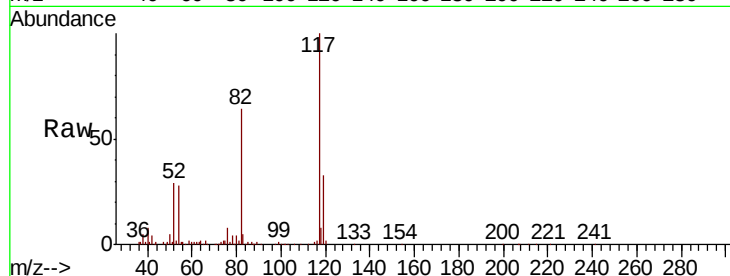
Tot Ion:117 Resp: 340156

Ion Ratio Lower Upper

117 100

82 64.2 49.5 74.3

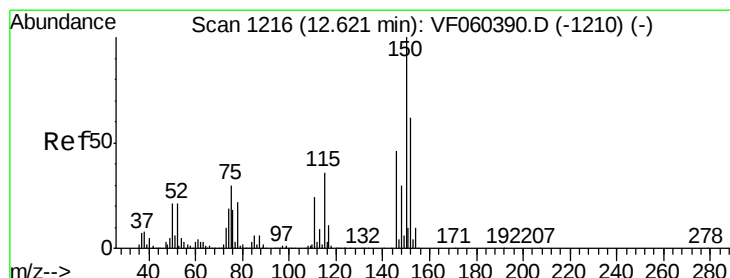
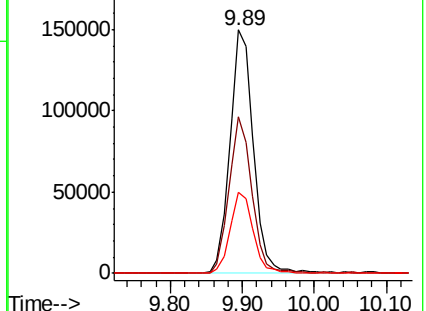
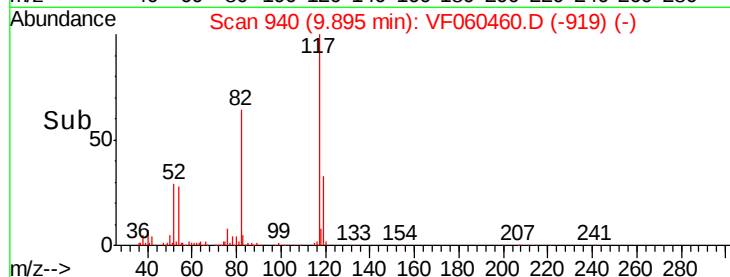
119 33.2 27.0 40.6



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: 12.63 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VF060460.D

Acq: 5 Oct 2018 17:09

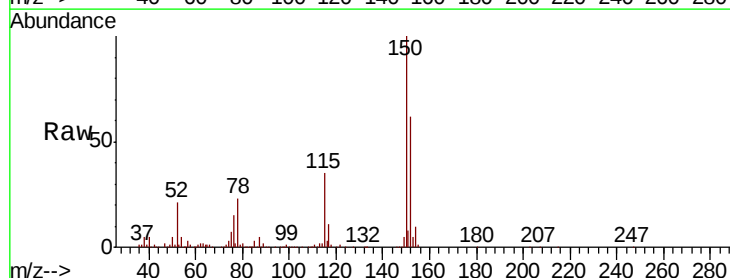
Tgt Ion:152 Resp: 190860

Ion Ratio Lower Upper

152 100

115 56.9 28.6 85.8

150 161.9 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

