

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
 Data File : VF060468.D
 Acq On : 5 Oct 2018 21:28
 Operator : VA/AP
 Sample : J5084-08
 Misc : 5.83/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-6(2.5-3)

Quant Time: Oct 06 05:13:11 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

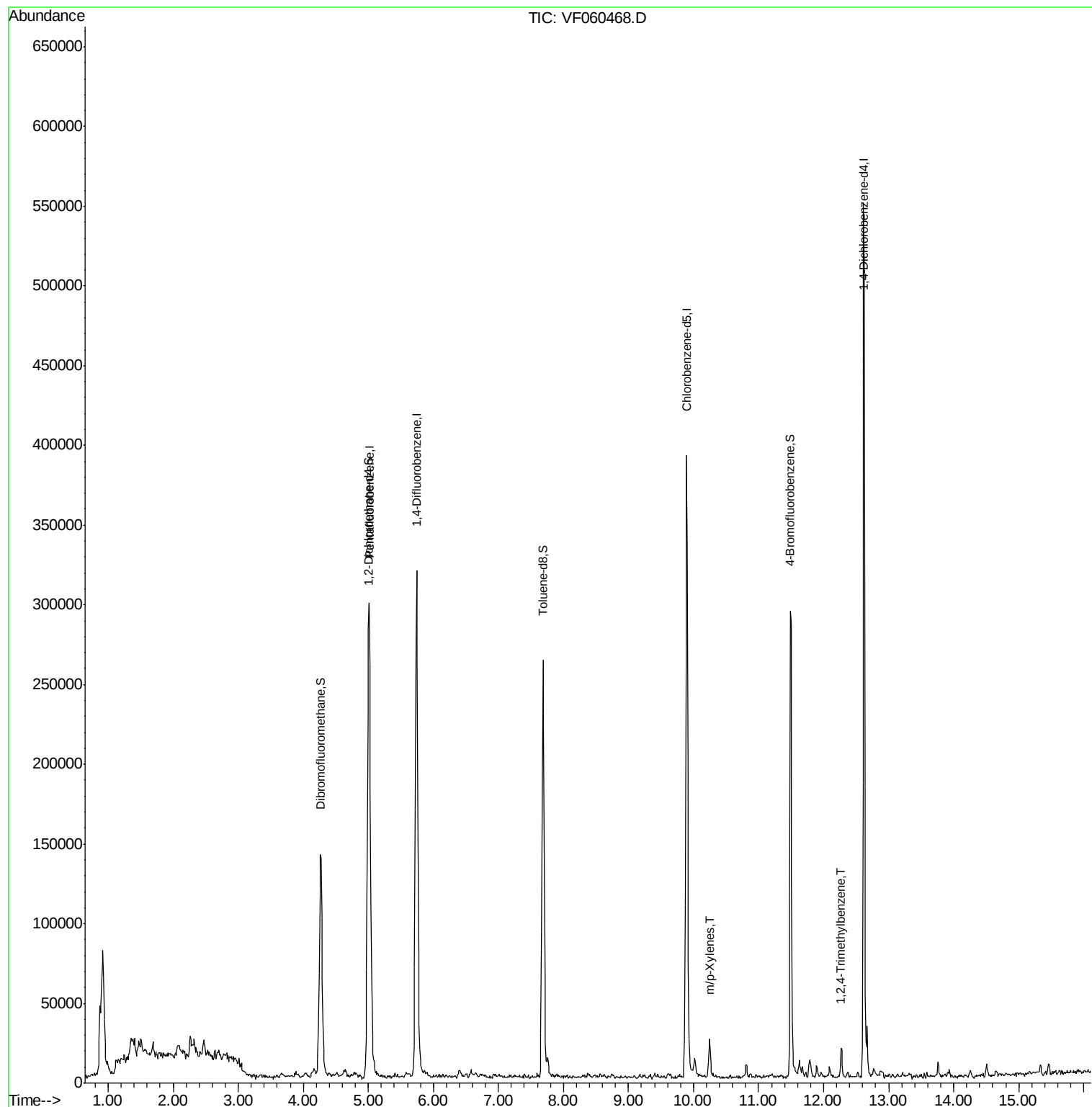
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	183308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	296567	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	242551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	131751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	139317	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
35) Dibromofluoromethane	4.26	113	122888	44.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.22%	
50) Toluene-d8	7.68	98	201415	29.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.70%	
62) 4-Bromofluorobenzene	11.49	95	101877	32.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.04%	
Target Compounds						
68) m/p-Xylenes	10.25	106	7370	2.263	ug/l	Qvalue 100
84) 1,2,4-Trimethylbenzene	12.27	105	9980	1.142	ug/l	80

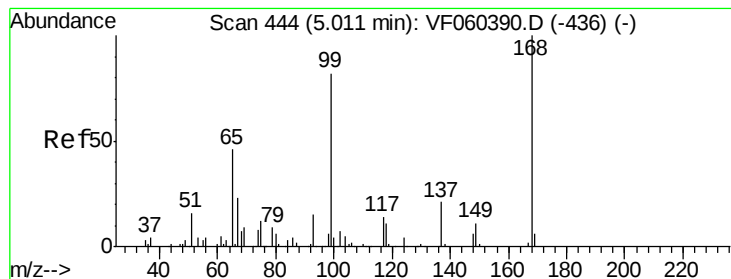
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF060468.D

Acq: 5 Oct 2018 21:28

Instrument :

MSVOA_F

ClientSampleId :

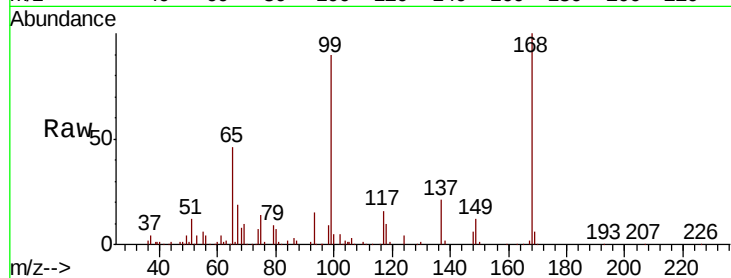
B-6(2.5-3)

Tot Ion:168 Resp: 183308

Ion Ratio Lower Upper

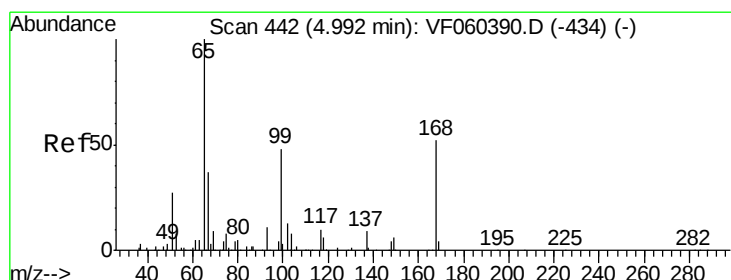
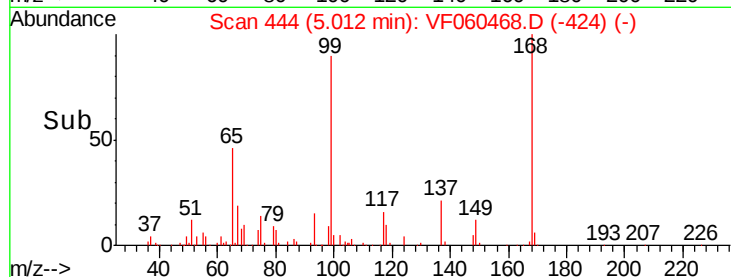
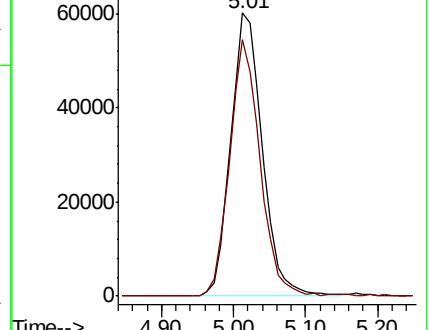
168 100

99 90.4 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: 48.571 ug/l

RT: 4.99 min Scan# 442

Delta R.T. 0.00 min

Lab File: VF060468.D

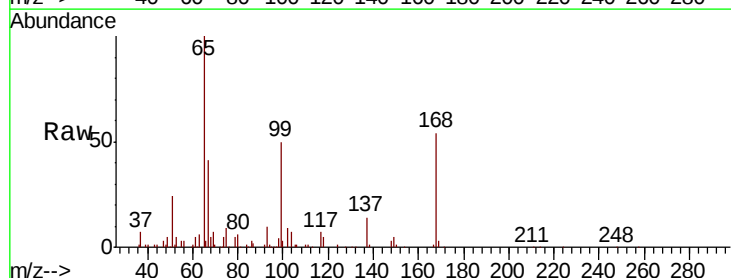
Acq: 5 Oct 2018 21:28

Tgt Ion: 65 Resp: 139317

Ion Ratio Lower Upper

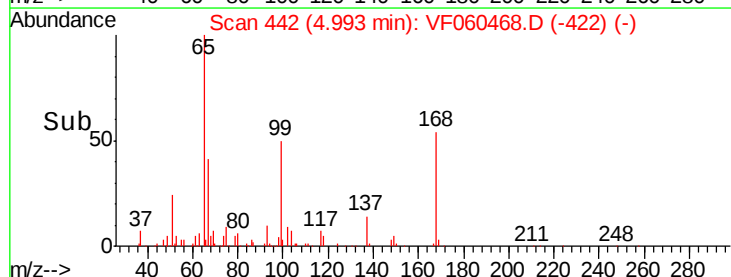
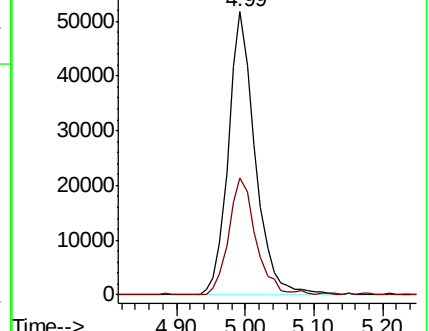
65 100

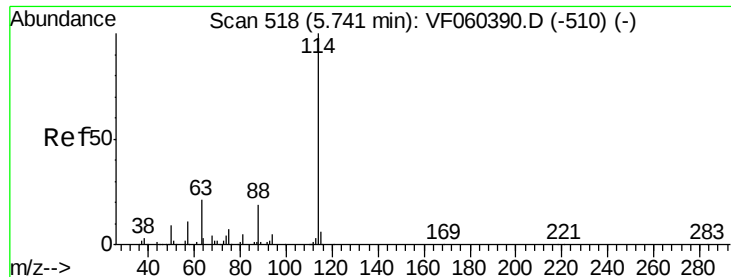
67 41.3 0.0 89.4



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# 518

Delta R.T. 0.00 min

Lab File: VF060468.D

Acq: 5 Oct 2018 21:28

Instrument :

MSVOA_F

ClientSampleId :

B-6(2.5-3)

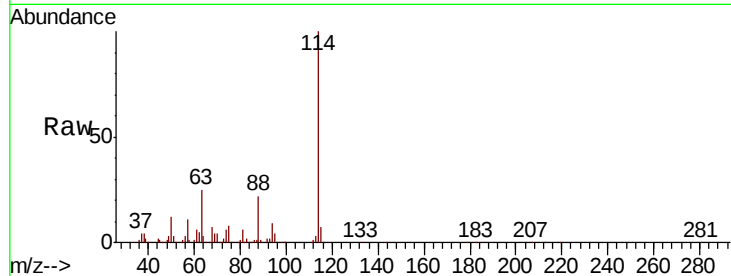
Tot Ion:114 Resp: 296567

Ion Ratio Lower Upper

114 100

63 24.6 0.0 42.2

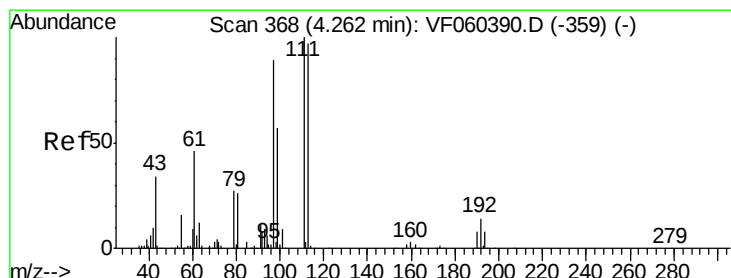
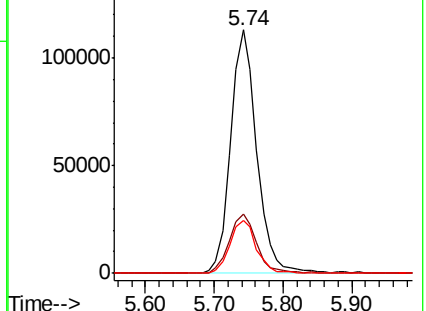
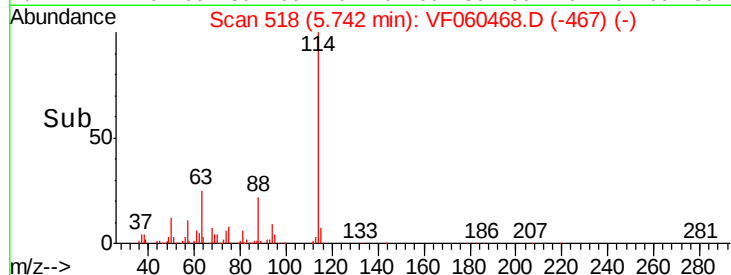
88 21.9 0.0 38.8



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: 44.108 ug/l

RT: 4.26 min Scan# 368

Delta R.T. 0.00 min

Lab File: VF060468.D

Acq: 5 Oct 2018 21:28

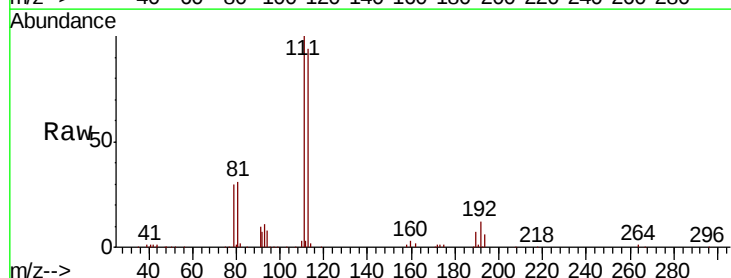
Tgt Ion:113 Resp: 122888

Ion Ratio Lower Upper

113 100

111 105.9 82.3 123.5

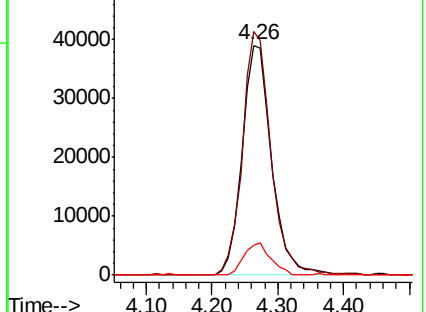
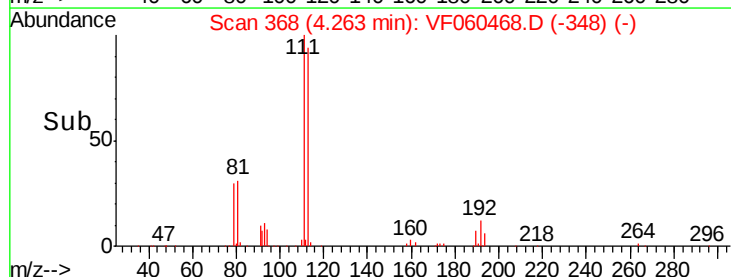
192 12.8 11.8 17.6

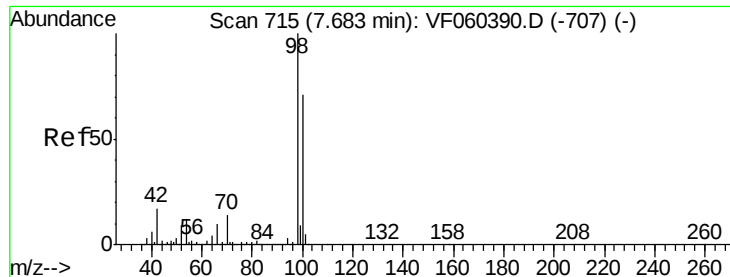


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 29.354 ug/l

RT: 7.68 min Scan# 715

Delta R.T. 0.00 min

Lab File: VF060468.D

Acq: 5 Oct 2018 21:28

Instrument :

MSVOA_F

ClientSampleId :

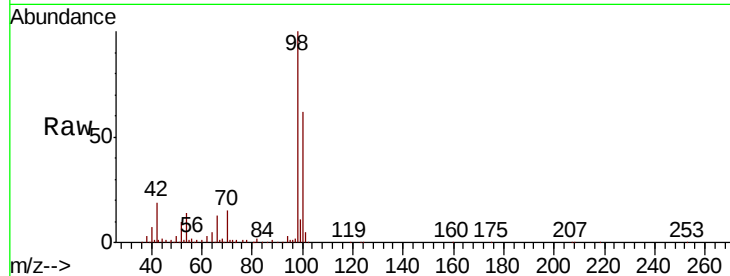
B-6(2.5-3)

Tot Ion: 98 Resp: 201415

Ion Ratio Lower Upper

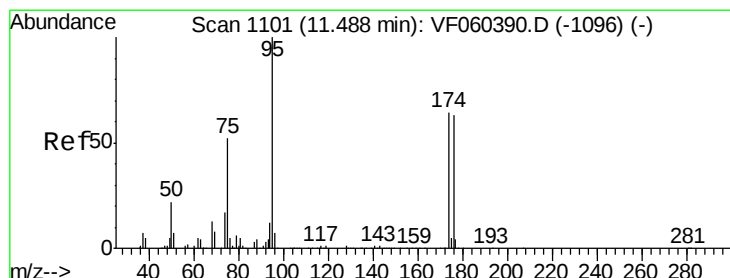
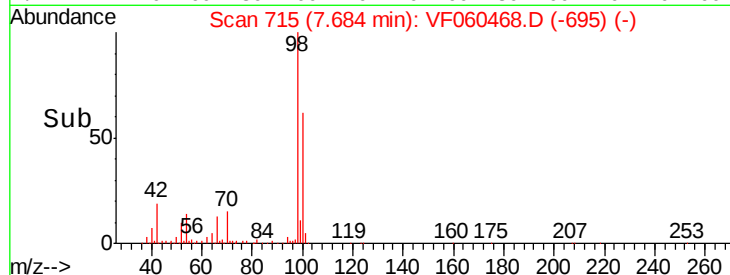
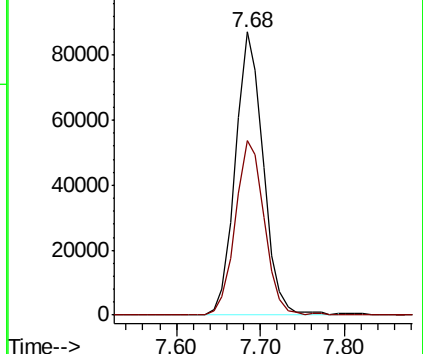
98 100

100 61.5 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 32.518 ug/l

RT: 11.49 min Scan# 1101

Delta R.T. 0.00 min

Lab File: VF060468.D

Acq: 5 Oct 2018 21:28

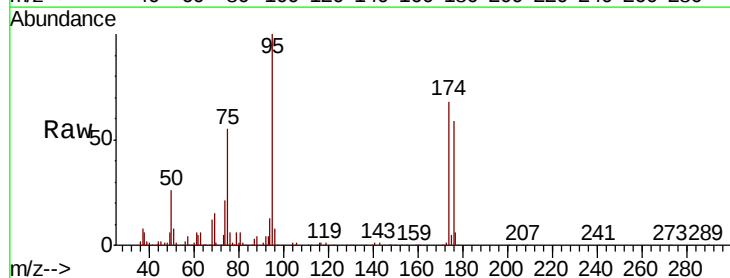
Tgt Ion: 95 Resp: 101877

Ion Ratio Lower Upper

95 100

174 68.4 0.0 129.0

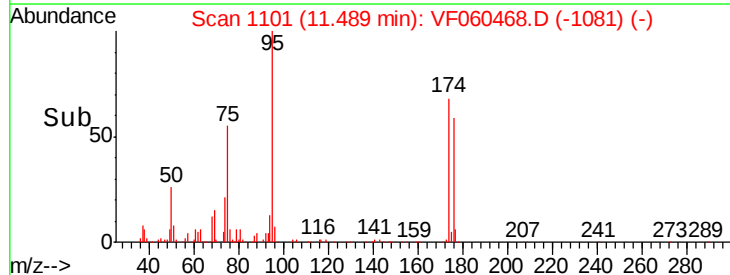
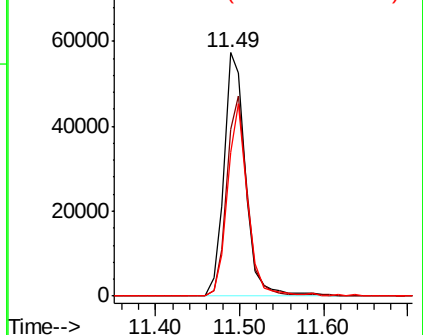
176 59.2 0.0 125.6

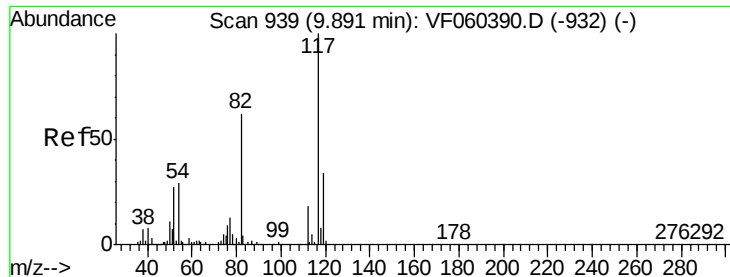


Abundance Ion 95.00 (94.70 to 95.70): VF0

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: 9.89 min Scan# 939

Delta R.T. 0.00 min

Lab File: VF060468.D

Acq: 5 Oct 2018 21:28

Instrument :

MSVOA_F

ClientSampleId :

B-6(2.5-3)

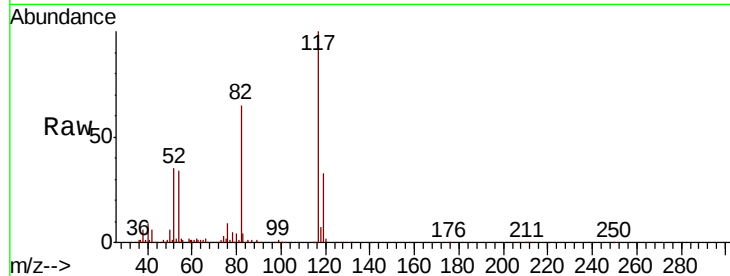
Tot Ion:117 Resp: 242551

Ion Ratio Lower Upper

117 100

82 65.4 49.5 74.3

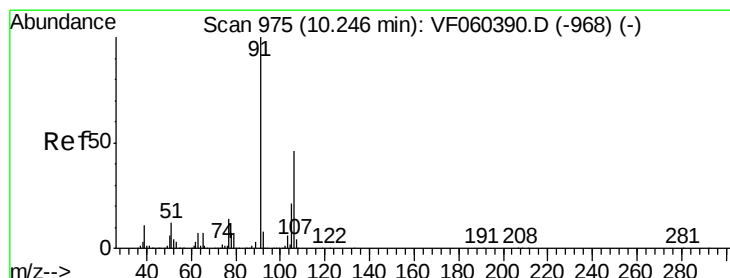
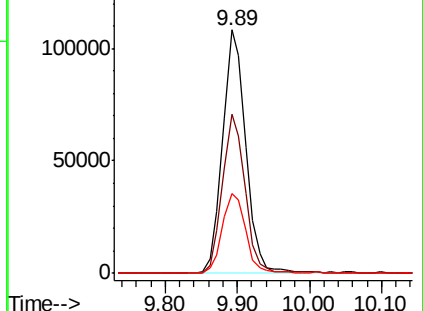
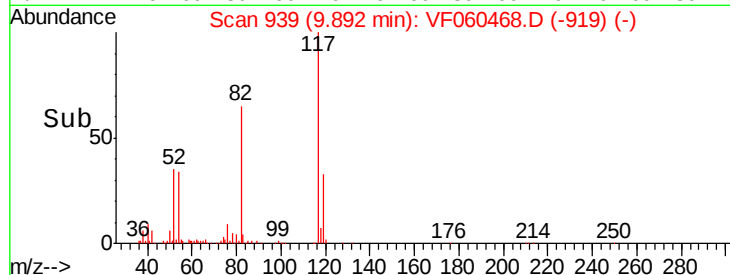
119 32.7 27.0 40.6



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



#68

m/p-Xylenes

Concen: 2.263 ug/l

RT: 10.25 min Scan# 975

Delta R.T. 0.00 min

Lab File: VF060468.D

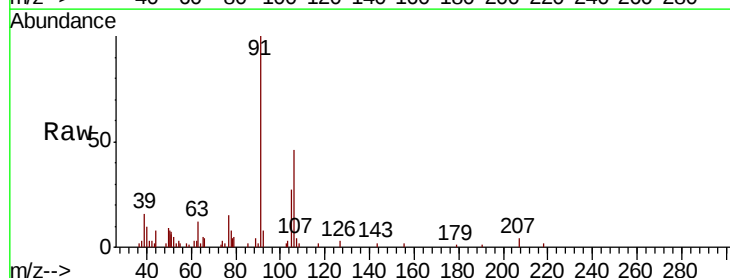
Acq: 5 Oct 2018 21:28

Tgt Ion:106 Resp: 7370

Ion Ratio Lower Upper

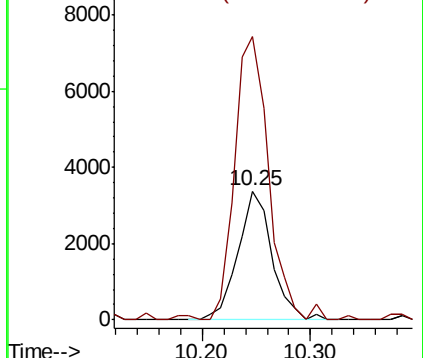
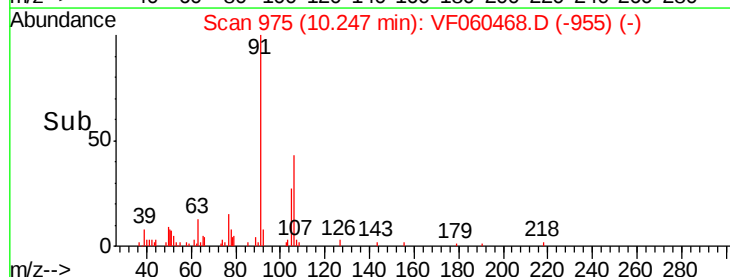
106 100

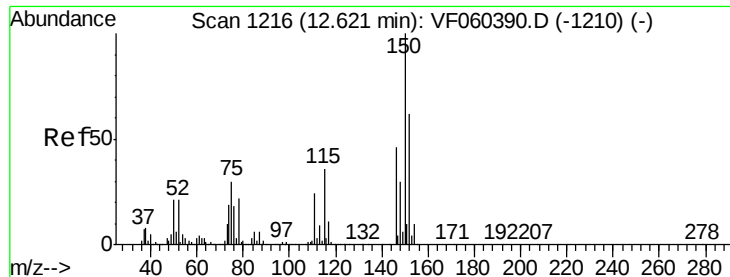
91 219.4 175.0 262.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



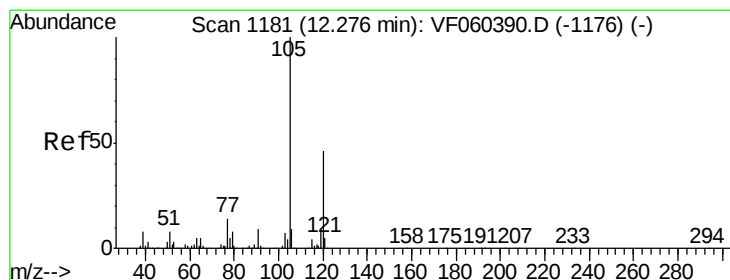
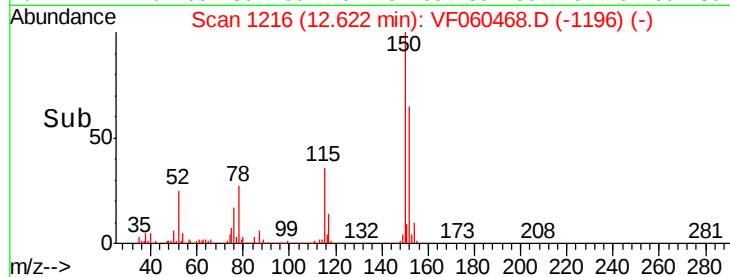
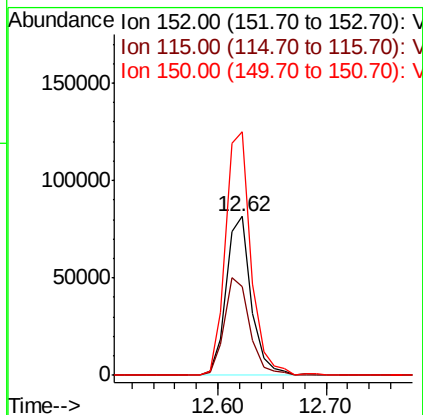
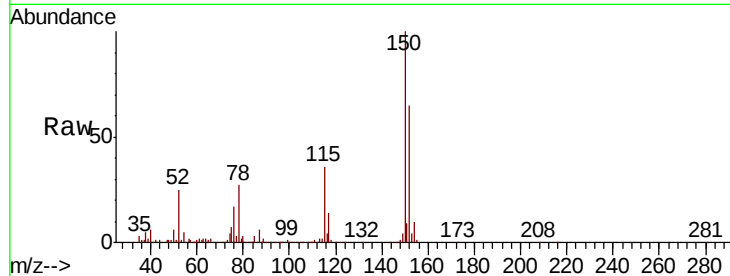


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. 0.00 min
Lab File: VF060468.D
Acq: 5 Oct 2018 21:28

Instrument :
MSVOA_F
ClientSampleId :
B-6(2.5-3)

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.6	85.8
150	153.2	0.0	324.6



#84

1,2,4-Trimethylbenzene
Concen: 1.142 ug/l
RT: 12.27 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VF060468.D
Acq: 5 Oct 2018 21:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	32.9	23.1	69.2

