

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092518\
 Data File : VF060340.D
 Acq On : 25 Sep 2018 22:22
 Operator : VA/AP
 Sample : J5055-08
 Misc : 5.90/5mL/MSVOA F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-B

Quant Time: Sep 26 12:03:25 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

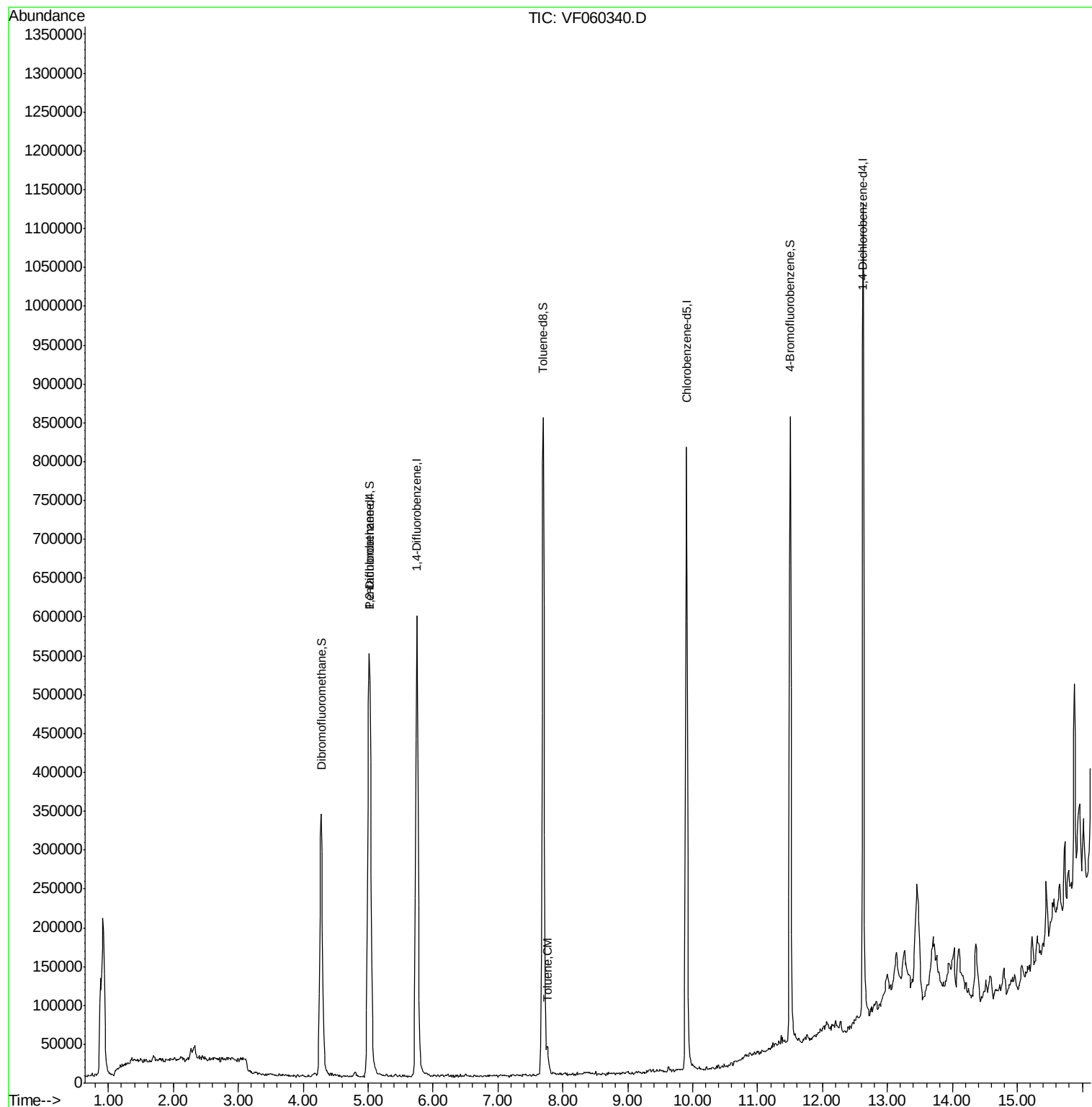
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	367046	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	682588	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	571162	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	271858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	272360	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
35) Dibromofluoromethane	4.28	113	312426	51.35	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	7.70	98	725362	45.78	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	91.56%	
62) 4-Bromofluorobenzene	11.50	95	299021	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
Target Compounds						
52) Toluene	7.77	92	15330	1.255	ug/l	Qvalue 97

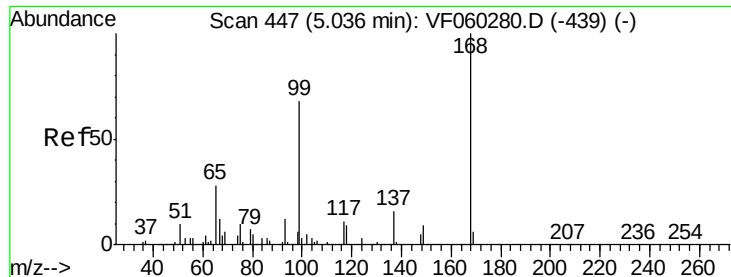
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060340.D

Acq: 25 Sep 2018 22:22

Instrument :

MSVOA_F

ClientSampleId :

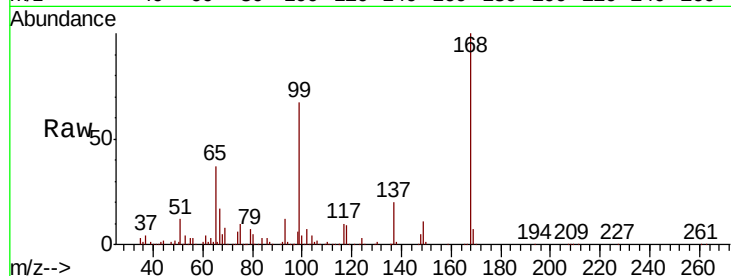
TP-B

Tot Ion:168 Resp: 367046

Ion Ratio Lower Upper

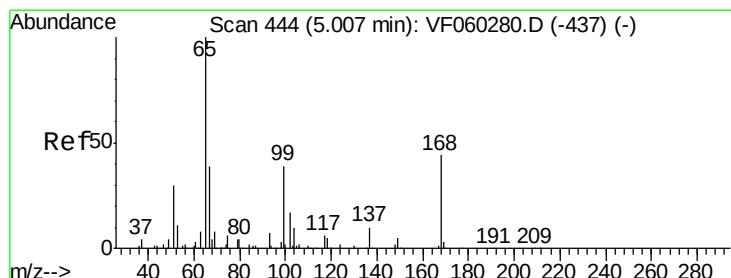
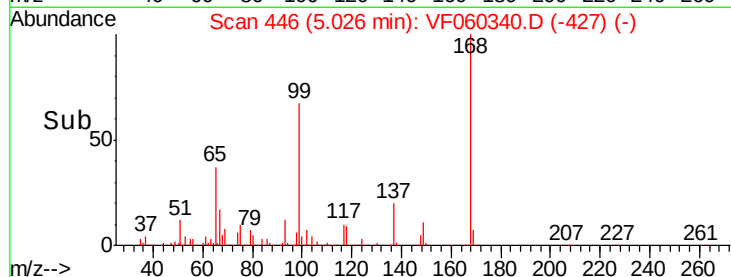
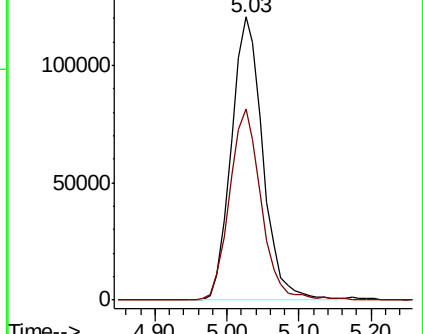
168 100

99 67.3 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 55.107 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060340.D

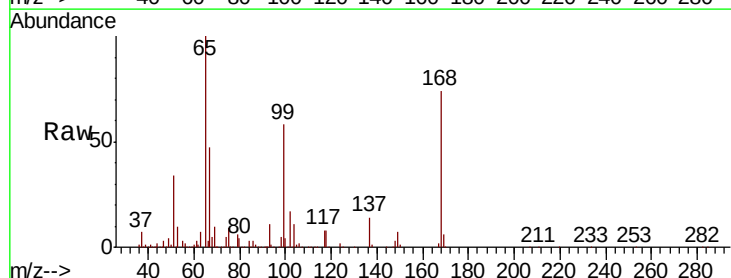
Acq: 25 Sep 2018 22:22

Tgt Ion: 65 Resp: 272360

Ion Ratio Lower Upper

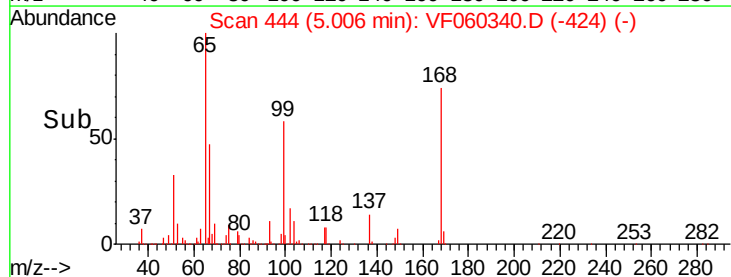
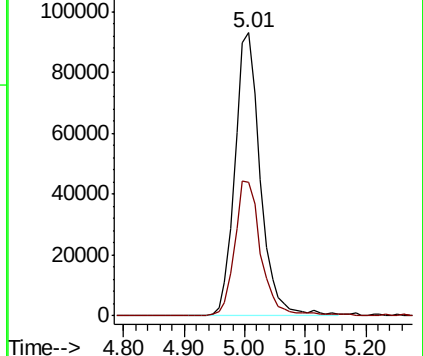
65 100

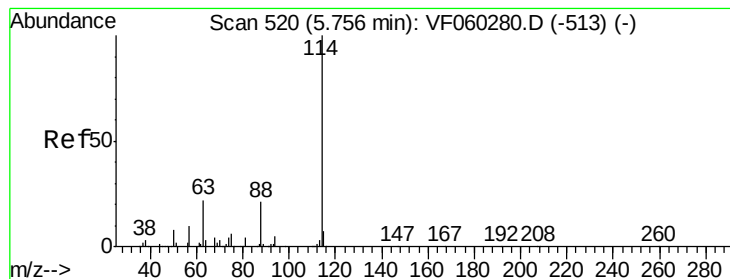
67 47.3 0.0 94.4



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: 5.76 min Scan# 520

Delta R.T. -0.00 min

Lab File: VF060340.D

Acq: 25 Sep 2018 22:22

Instrument :

MSVOA_F

ClientSampleId :

TP-B

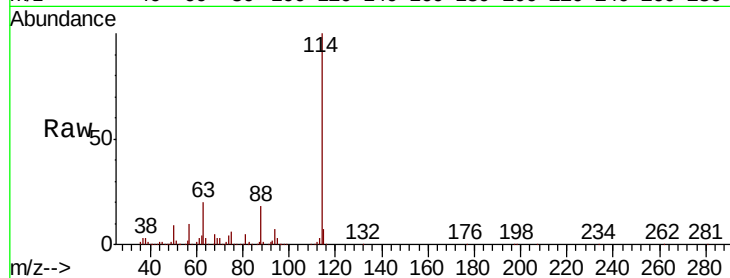
Tot Ion:114 Resp: 682588

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.8

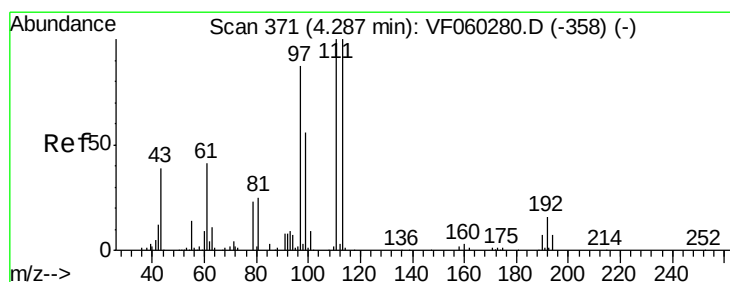
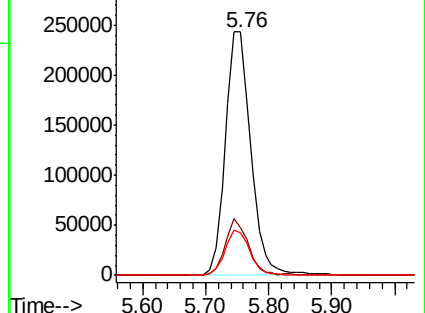
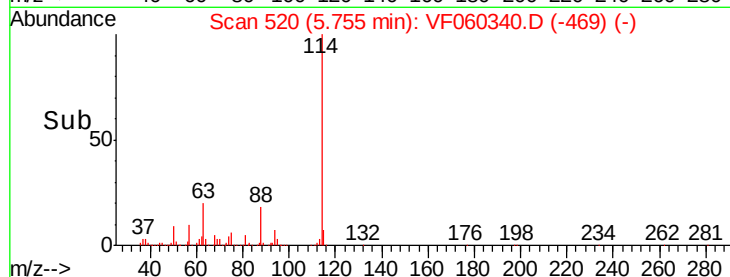
88 17.8 0.0 41.2



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: 51.346 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060340.D

Acq: 25 Sep 2018 22:22

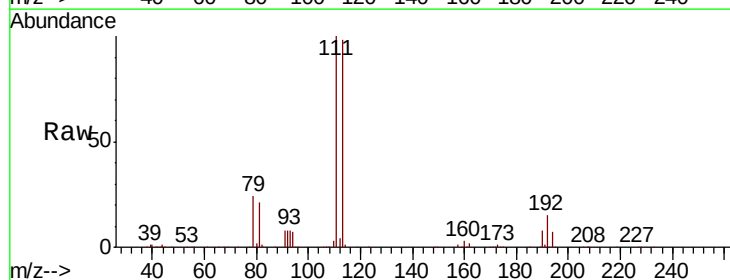
Tgt Ion:113 Resp: 312426

Ion Ratio Lower Upper

113 100

111 102.4 79.6 119.4

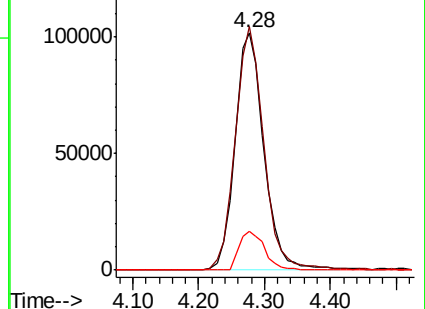
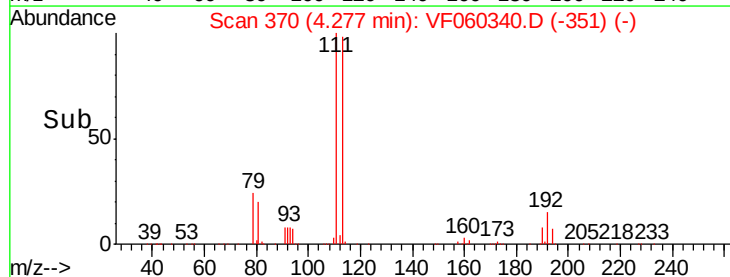
192 16.2 13.0 19.6

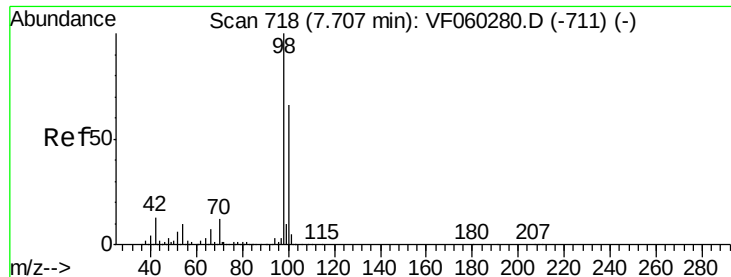


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

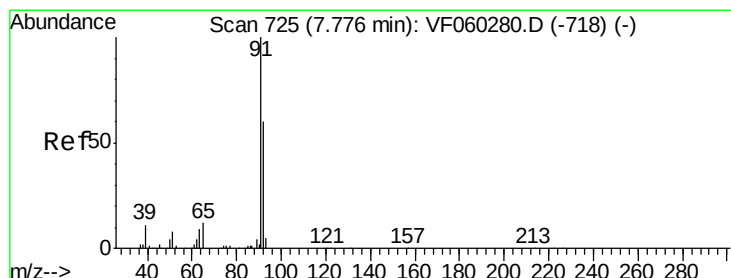
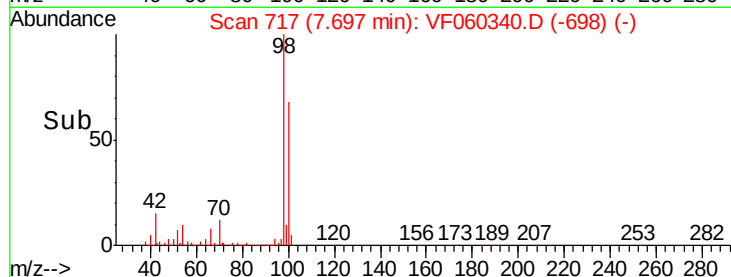
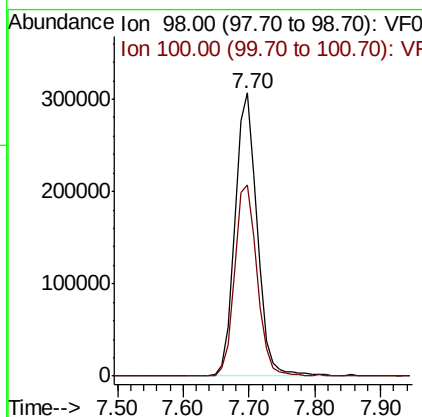
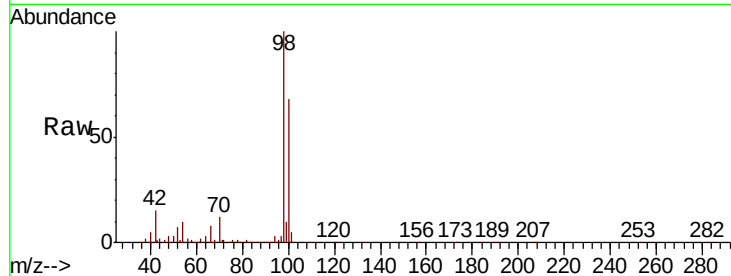




#50
Toluene-d8
Concen: 45.775 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060340.D
Acq: 25 Sep 2018 22:22

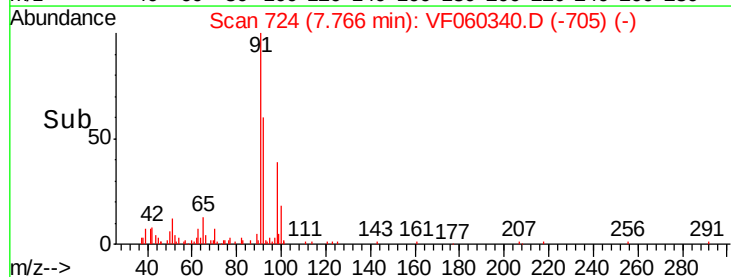
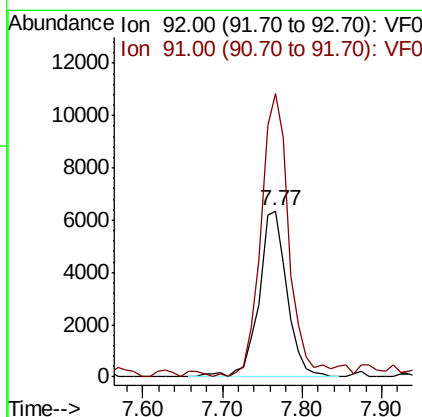
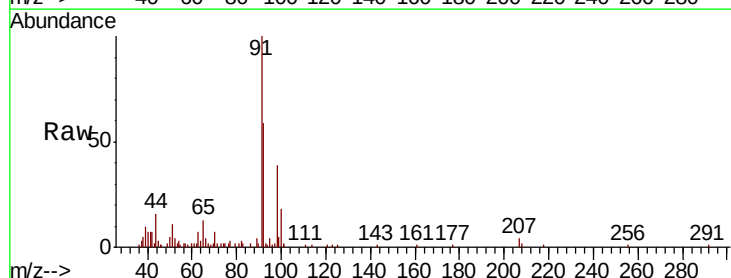
Instrument :
MSVOA_F
ClientSampleId :
TP-B

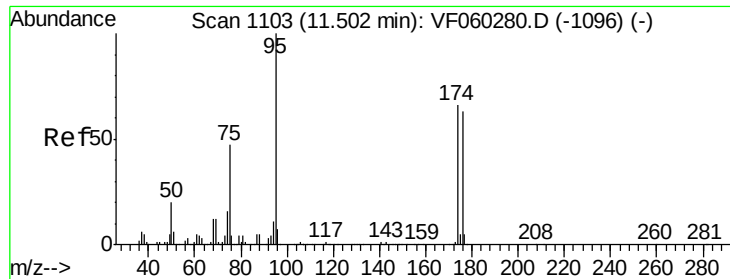
Tot Ion: 98 Resp: 725362
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.6



#52
Toluene
Concen: 1.255 ug/l
RT: 7.77 min Scan# 724
Delta R.T. -0.01 min
Lab File: VF060340.D
Acq: 25 Sep 2018 22:22

Tgt Ion: 92 Resp: 15330
Ion Ratio Lower Upper
92 100
91 170.6 133.3 199.9





#62

4-Bromofluorobenzene

Concen: 43.654 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VF060340.D

Acq: 25 Sep 2018 22:22

Instrument :

MSVOA_F

ClientSampled :

TP-B

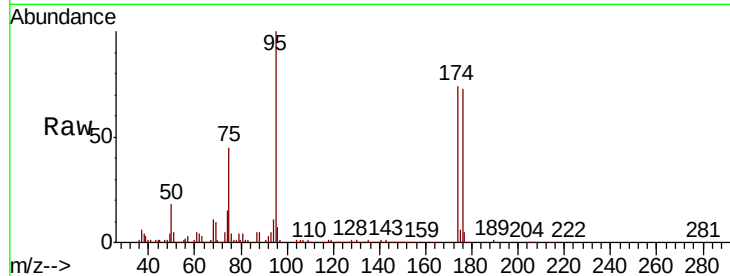
Tot Ion: 95 Resp: 299021

Ion Ratio Lower Upper

95 100

174 73.7 0.0 131.2

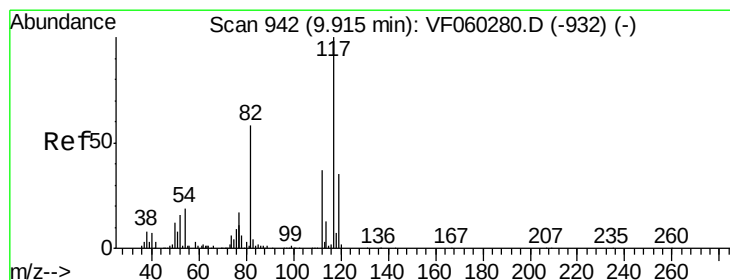
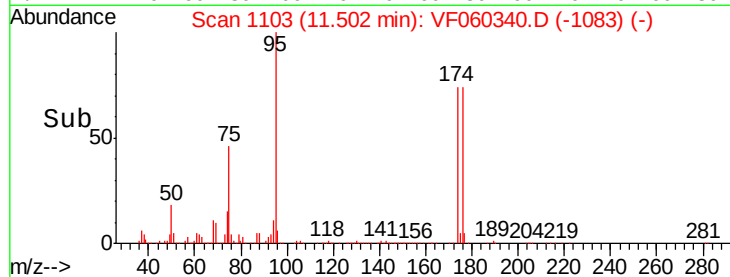
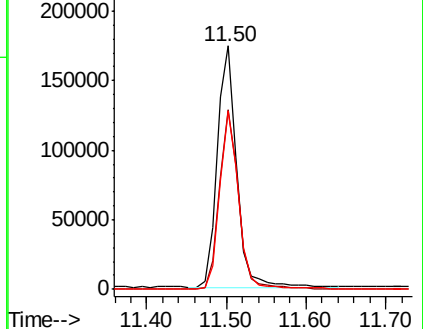
176 73.3 0.0 126.6



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: 9.91 min Scan# 941

Delta R.T. -0.01 min

Lab File: VF060340.D

Acq: 25 Sep 2018 22:22

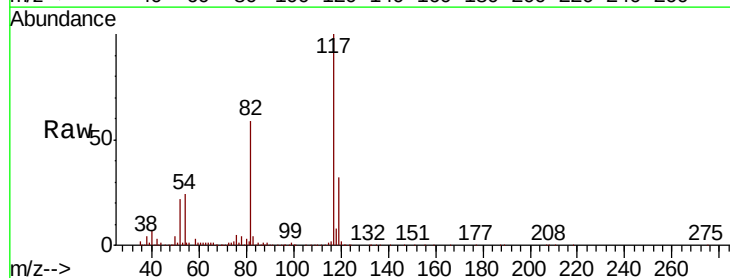
Tgt Ion: 117 Resp: 571162

Ion Ratio Lower Upper

117 100

82 58.9 46.2 69.2

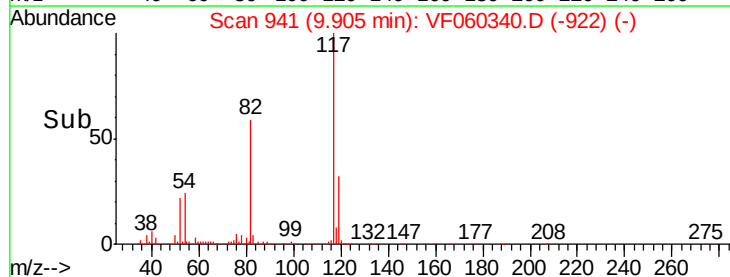
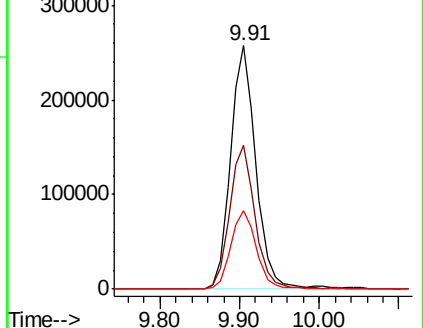
119 32.3 27.8 41.6

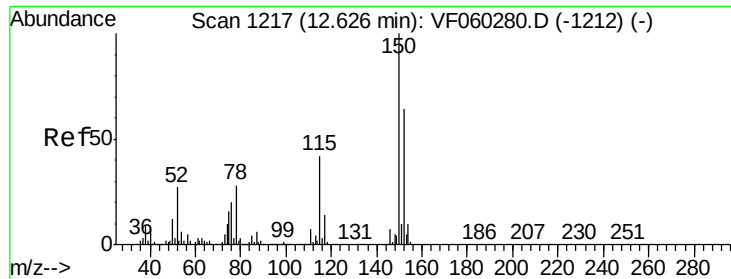


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



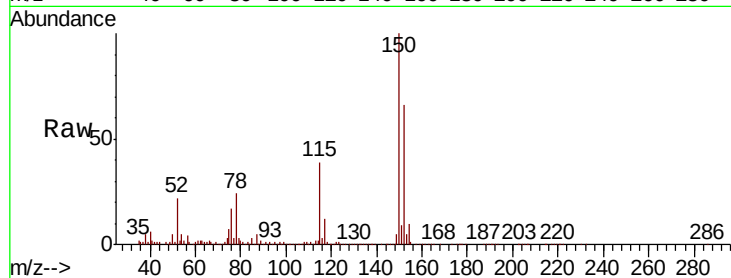


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.63 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VF060340.D
 Acq: 25 Sep 2018 22:22

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	32.6	97.8
150	151.1	0.0	314.2



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

