

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
 Data File : VF060730.D
 Acq On : 14 Nov 2018 17:59
 Operator : VA/AP
 Sample : J5770-03
 Misc : 6.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-01-111218-B

Quant Time: Nov 15 07:20:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

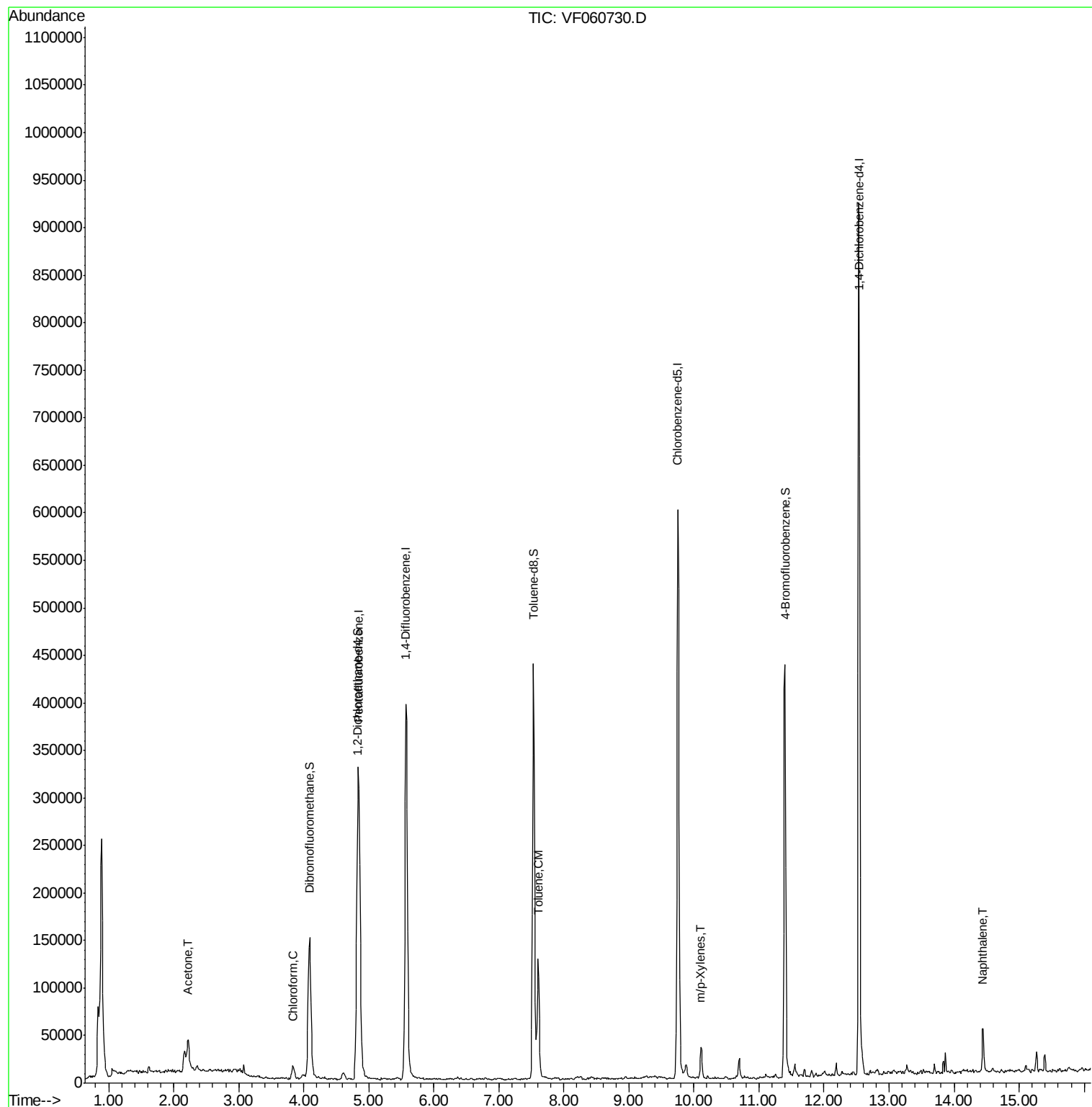
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	265472	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	470804	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.75	117	433696	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	228138	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	115180	38.04	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	76.08%	
35) Dibromofluoromethane	4.09	113	140651	39.74	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	79.48%	
50) Toluene-d8	7.53	98	356185	38.37	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	76.74%	
62) 4-Bromofluorobenzene	11.40	95	174841	41.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.04%	
Target Compounds						
16) Acetone	2.23	43	42515	65.69	ug/l	98
30) Chloroform	3.84	83	14903	2.09	ug/l	88
52) Toluene	7.60	92	67944	8.33	ug/l	98
68) m/p-Xylenes	10.11	106	11849	2.01	ug/l	99
95) Naphthalene	14.45	128	33883	3.61	ug/l	97

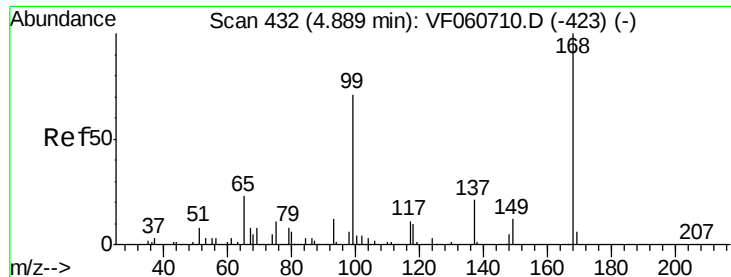
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
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Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF060730.D

Acq: 14 Nov 2018 17:59

Instrument :

MSVOA_F

ClientSampleId :

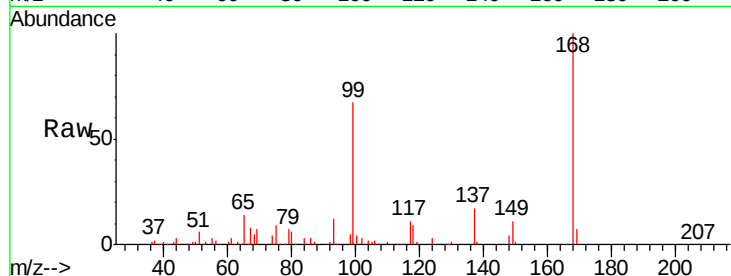
OR-01-111218-B

Tgt Ion:168 Resp: 265472

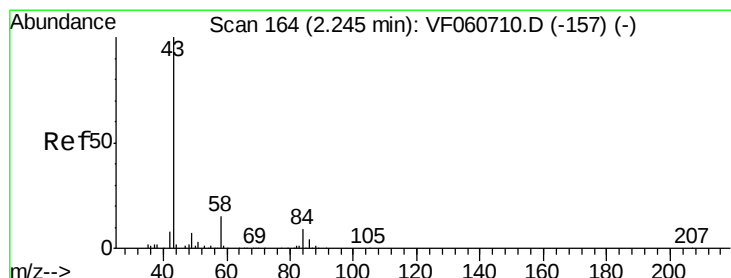
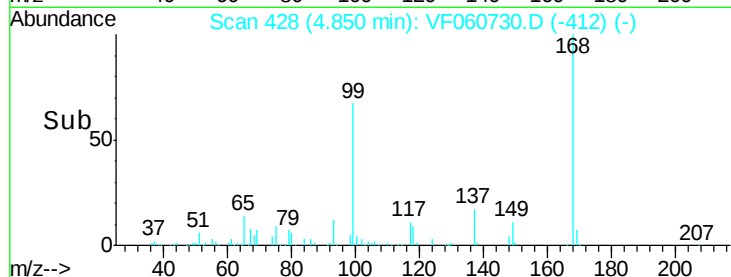
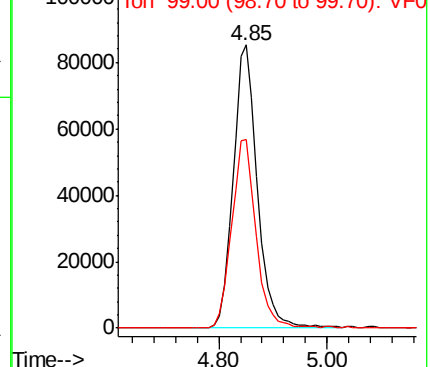
Ion Ratio Lower Upper

168 100

99 66.5 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF060730.D (-412) (-)



#16

Acetone

Concen: 65.69 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF060730.D

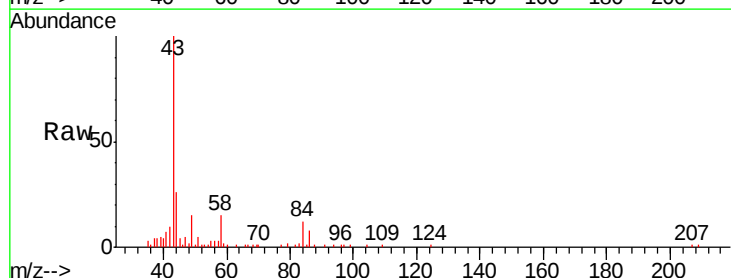
Acq: 14 Nov 2018 17:59

Tgt Ion: 43 Resp: 42515

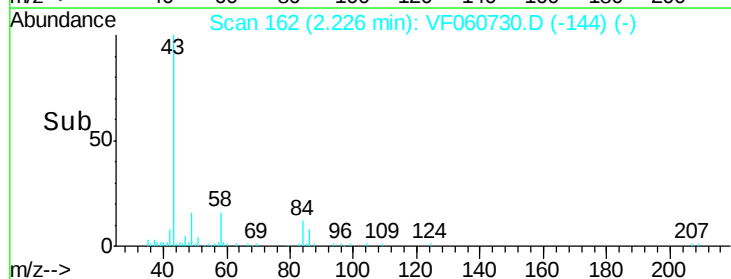
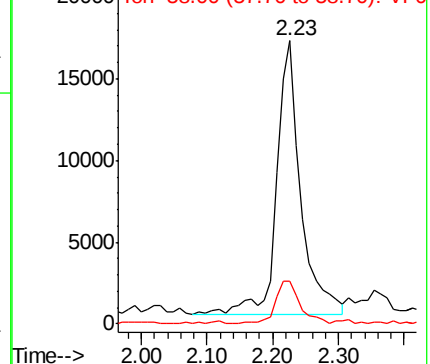
Ion Ratio Lower Upper

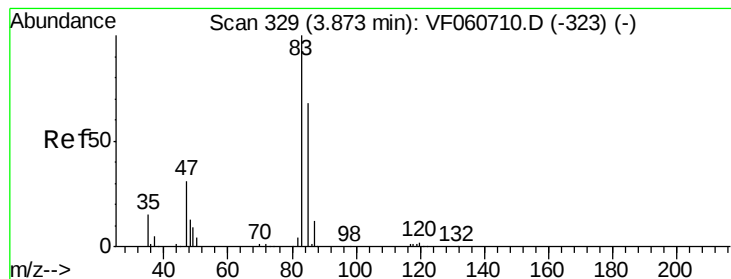
43 100

58 15.2 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VF060730.D (-144) (-)





#30

Chloroform

Concen: 2.09 ug/l

RT: 3.84 min Scan# 326

Delta R.T. -0.03 min

Lab File: VF060730.D

Acq: 14 Nov 2018 17:59

Instrument :

MSVOA_F

ClientSampleId :

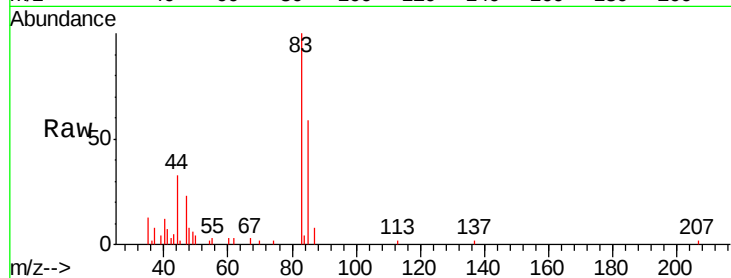
OR-01-111218-B

Tgt Ion: 83 Resp: 14903

Ion Ratio Lower Upper

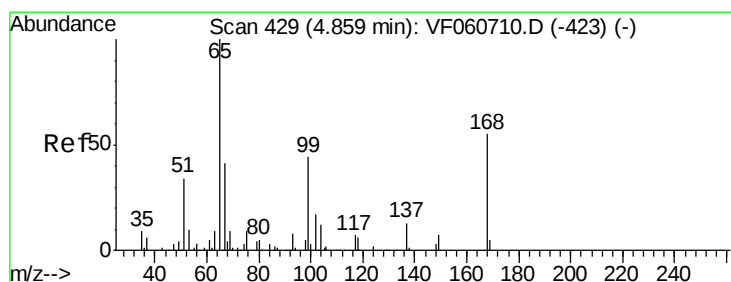
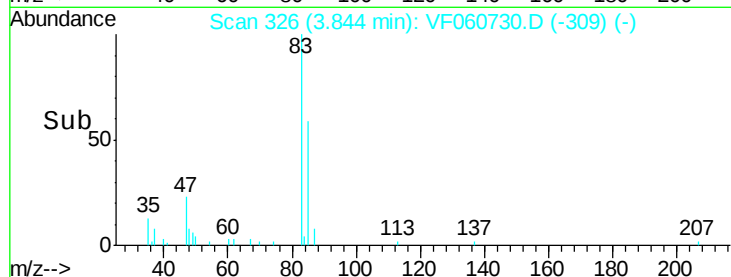
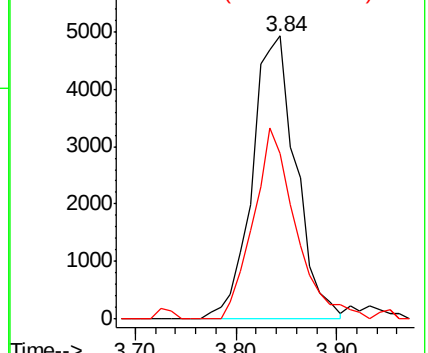
83 100

85 58.6 54.6 82.0



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 38.04 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.04 min

Lab File: VF060730.D

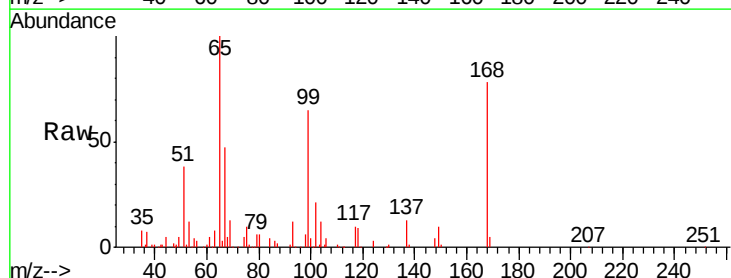
Acq: 14 Nov 2018 17:59

Tgt Ion: 65 Resp: 115180

Ion Ratio Lower Upper

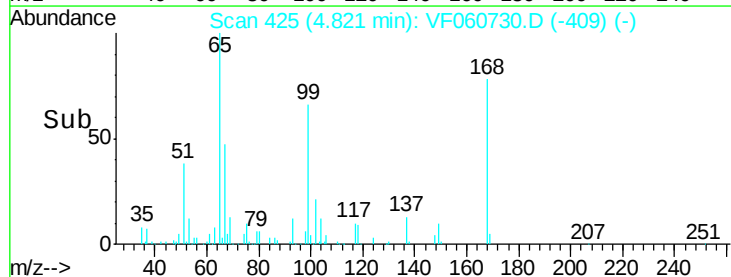
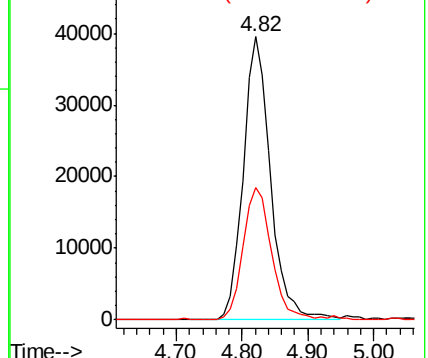
65 100

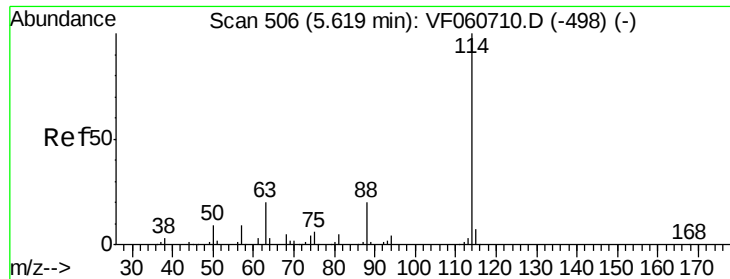
67 46.9 0.0 90.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

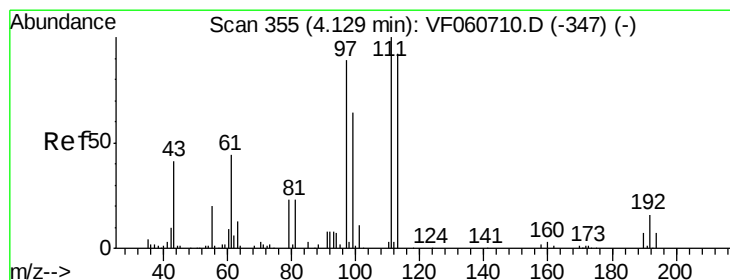
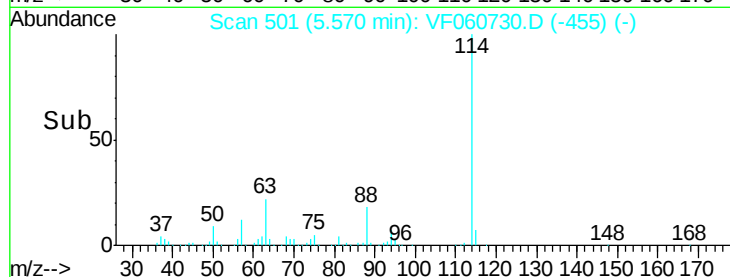
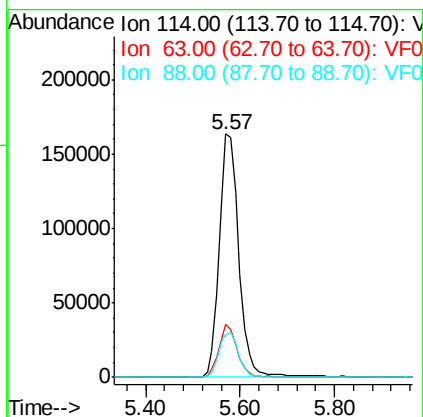
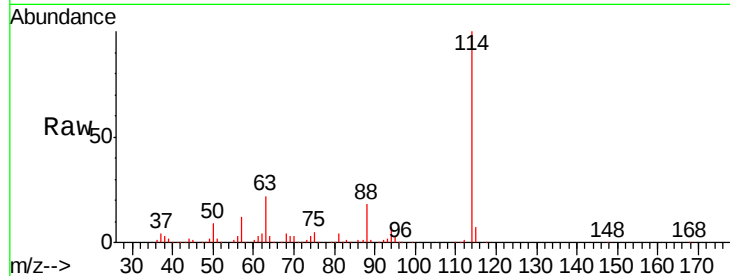




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.57 min Scan# 501
 Delta R.T. -0.05 min
 Lab File: VF060730.D
 Acq: 14 Nov 2018 17:59

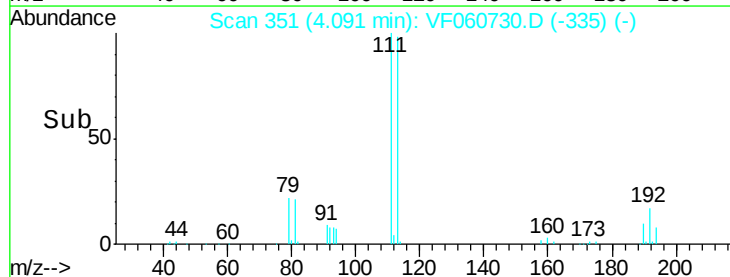
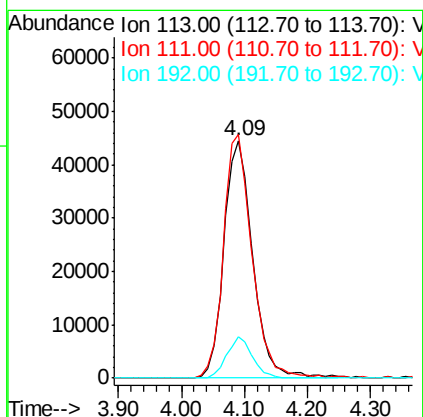
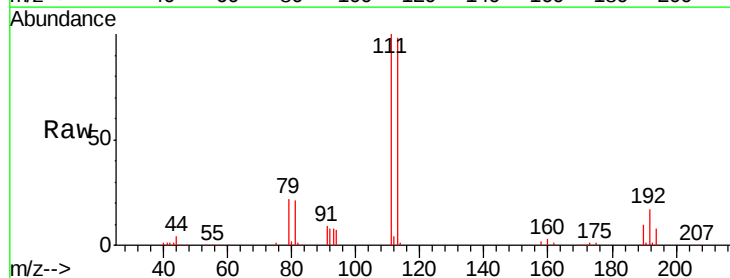
Instrument :
 MSVOA_F
 ClientSampleId :
 OR-01-111218-B

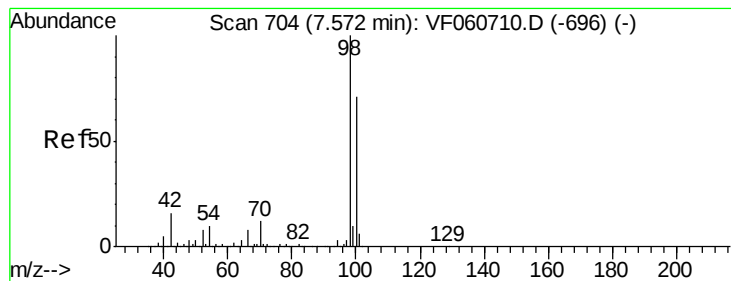
Tgt Ion:114 Resp: 470804
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 40.8
 88 17.7 0.0 39.6



#35
 Dibromofluoromethane
 Concen: 39.74 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.04 min
 Lab File: VF060730.D
 Acq: 14 Nov 2018 17:59

Tgt Ion:113 Resp: 140651
 Ion Ratio Lower Upper
 113 100
 111 102.5 87.1 130.7
 192 17.8 13.8 20.6





#50

Toluene-d8

Concen: 38.37 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.04 min

Lab File: VF060730.D

Acq: 14 Nov 2018 17:59

Instrument :

MSVOA_F

ClientSampleId :

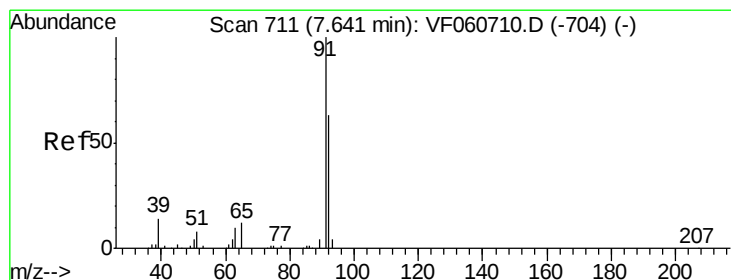
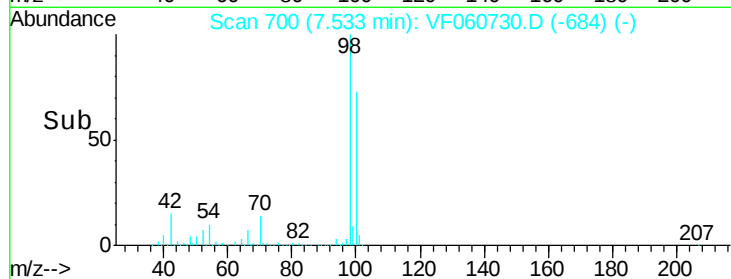
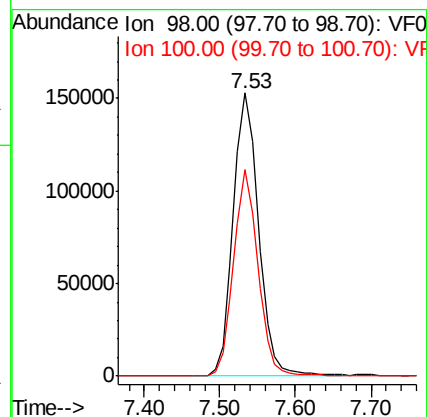
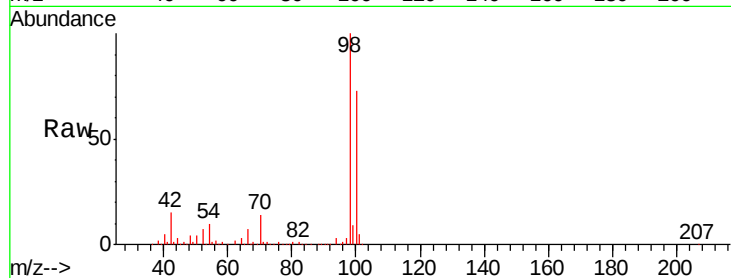
OR-01-111218-B

Tgt Ion: 98 Resp: 356185

Ion Ratio Lower Upper

98 100

100 72.9 56.5 84.7



#52

Toluene

Concen: 8.33 ug/l

RT: 7.60 min Scan# 707

Delta R.T. -0.04 min

Lab File: VF060730.D

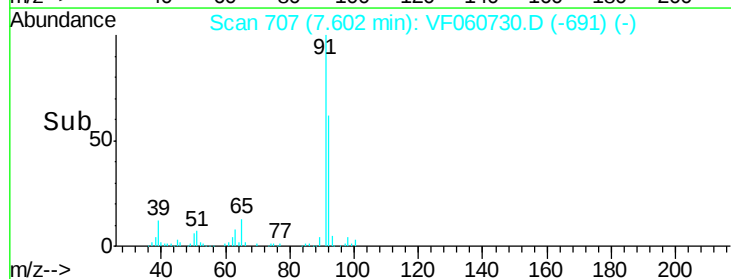
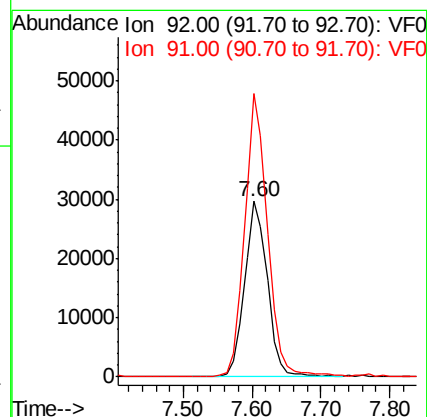
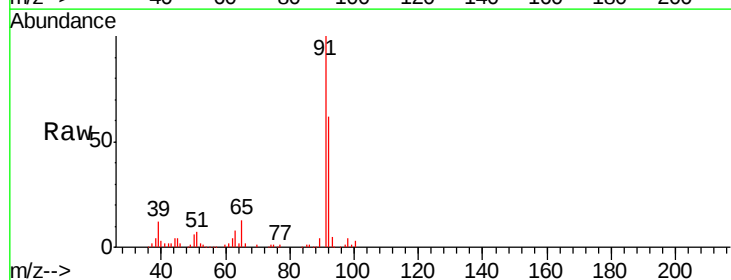
Acq: 14 Nov 2018 17:59

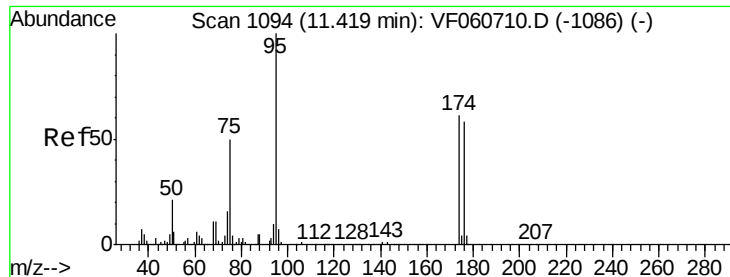
Tgt Ion: 92 Resp: 67944

Ion Ratio Lower Upper

92 100

91 161.1 126.7 190.1





#62

4-Bromofluorobenzene

Concen: 41.02 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF060730.D

Acq: 14 Nov 2018 17:59

Instrument :

MSVOA_F

ClientSampleId :

OR-01-111218-B

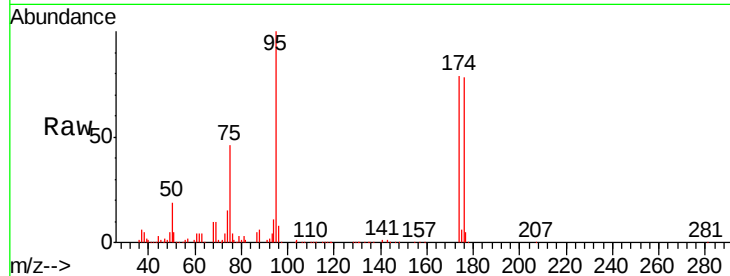
Tgt Ion: 95 Resp: 174841

Ion Ratio Lower Upper

95 100

174 79.1 0.0 121.6

176 77.9 0.0 115.2



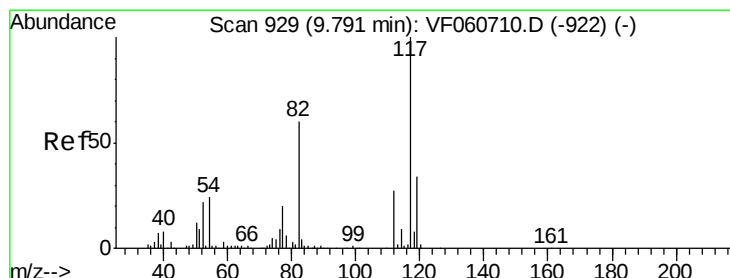
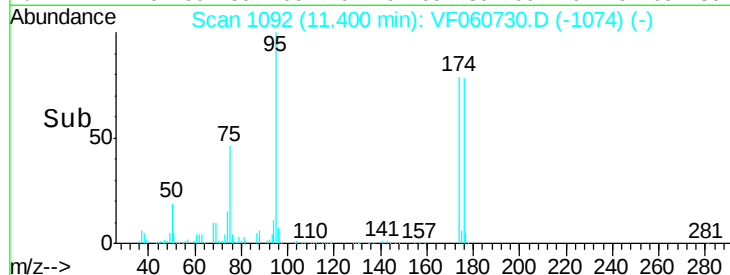
Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0

11.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.75 min Scan# 925

Delta R.T. -0.04 min

Lab File: VF060730.D

Acq: 14 Nov 2018 17:59

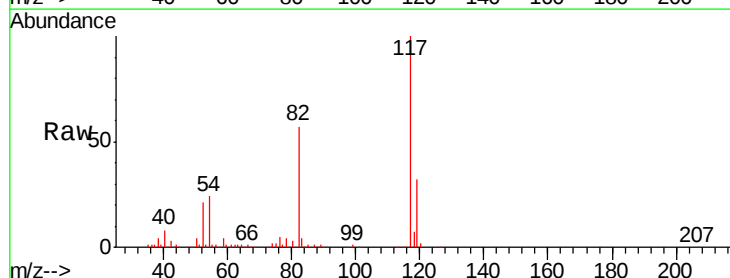
Tgt Ion: 117 Resp: 433696

Ion Ratio Lower Upper

117 100

82 56.7 47.9 71.9

119 31.7 26.8 40.2



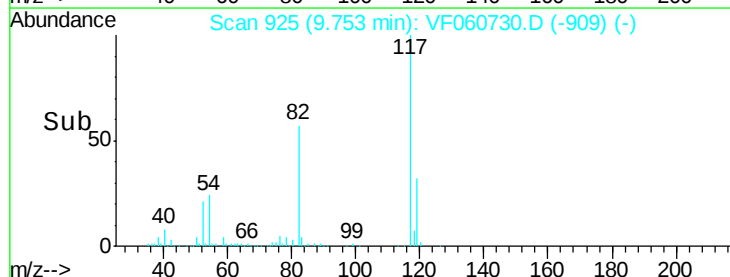
Abundance Ion 117.00 (116.70 to 117.70): VF0

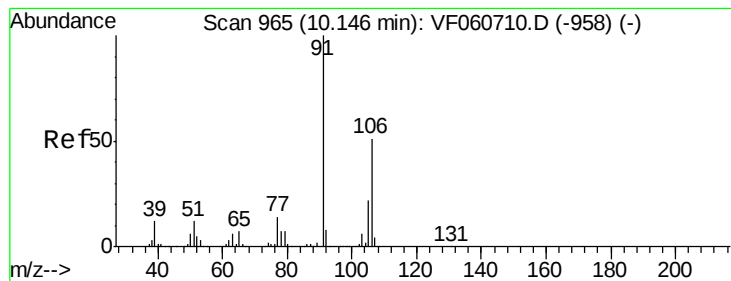
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0

9.75

Time-->





#68

m/p-Xylenes

Concen: 2.01 ug/l

RT: 10.11 min Scan# 961

Delta R.T. -0.04 min

Lab File: VF060730.D

Acq: 14 Nov 2018 17:59

Instrument :

MSVOA_F

ClientSampleId :

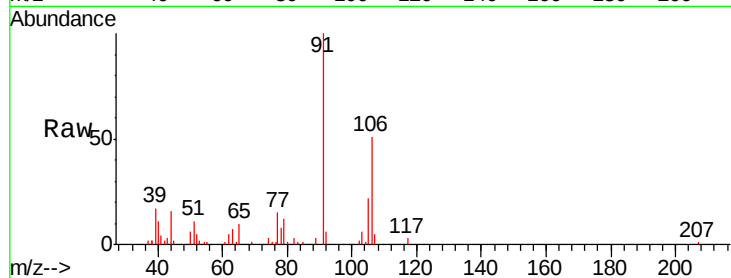
OR-01-111218-B

Tgt Ion:106 Resp: 11849

Ion Ratio Lower Upper

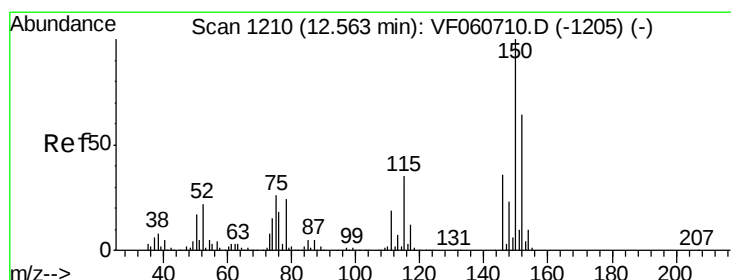
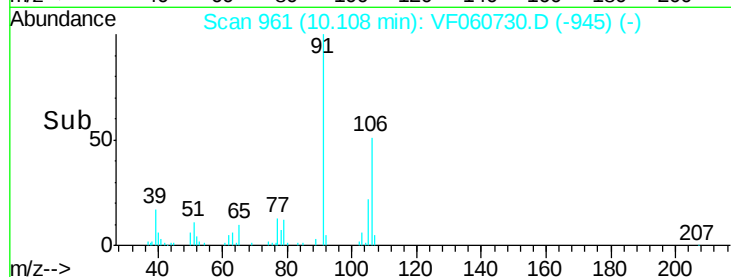
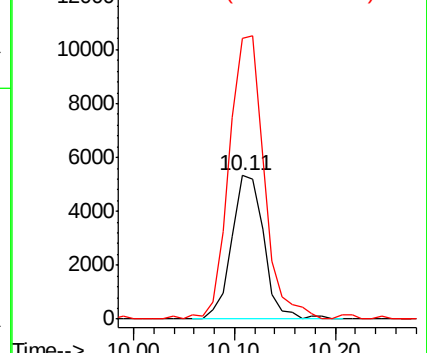
106 100

91 195.8 158.2 237.2



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: 50.00 ug/l

RT: 12.53 min Scan# 1207

Delta R.T. -0.03 min

Lab File: VF060730.D

Acq: 14 Nov 2018 17:59

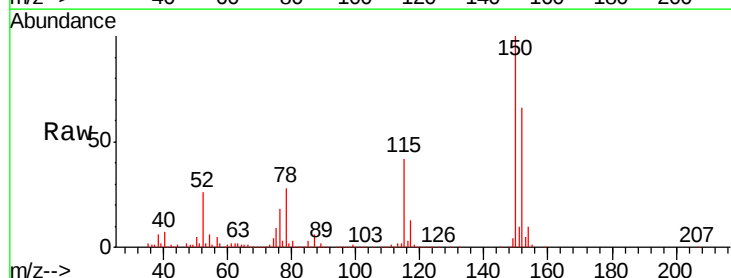
Tgt Ion:152 Resp: 228138

Ion Ratio Lower Upper

152 100

115 63.9 27.9 83.7

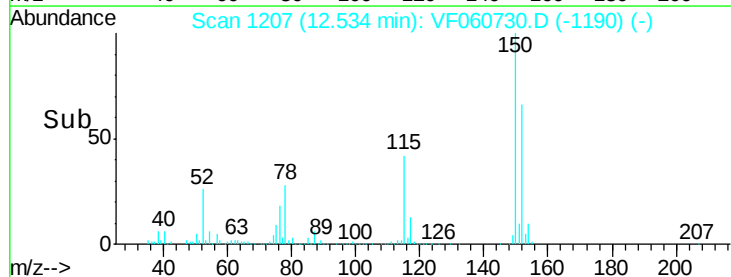
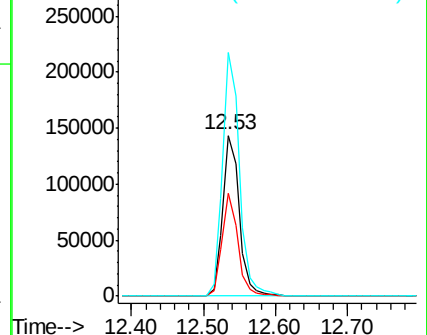
150 151.7 0.0 316.4

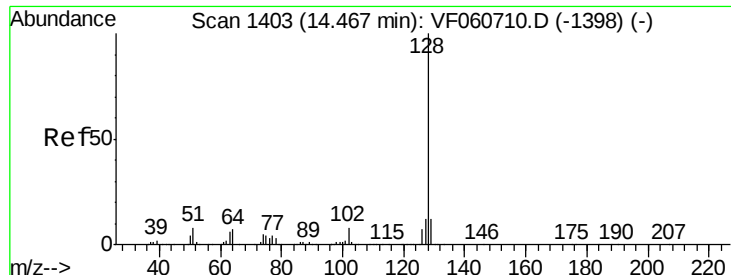


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

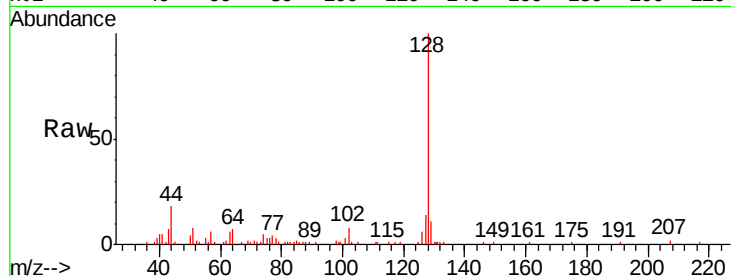




#95
 Naphthalene
 Concen: 3.61 ug/l
 RT: 14.45 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: VF060730.D
 Acq: 14 Nov 2018 17:59

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-01-111218-B

Tgt Ion:128 Resp: 33883
 Ion Ratio Lower Upper
 128 100
 127 13.6 9.8 14.6
 129 11.0 9.3 13.9



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

