

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
 Data File : VF059370.D
 Acq On : 28 Jun 2018 19:43
 Operator : VA/AP
 Sample : J3734-01
 Misc : 6.26g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WS-SOIL

Quant Time: Jun 29 05:35:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	230324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	349002	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	335985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	198662	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	127973	43.01	ug/l	0.00
Spiked Amount			Recovery	=	86.02%	
35) Dibromofluoromethane	4.29	113	121633	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
50) Toluene-d8	7.71	98	217723	34.48	ug/l	0.00
Spiked Amount			Recovery	=	68.96%	
62) 4-Bromofluorobenzene	11.51	95	147207	41.33	ug/l	0.00
Spiked Amount			Recovery	=	82.66%	

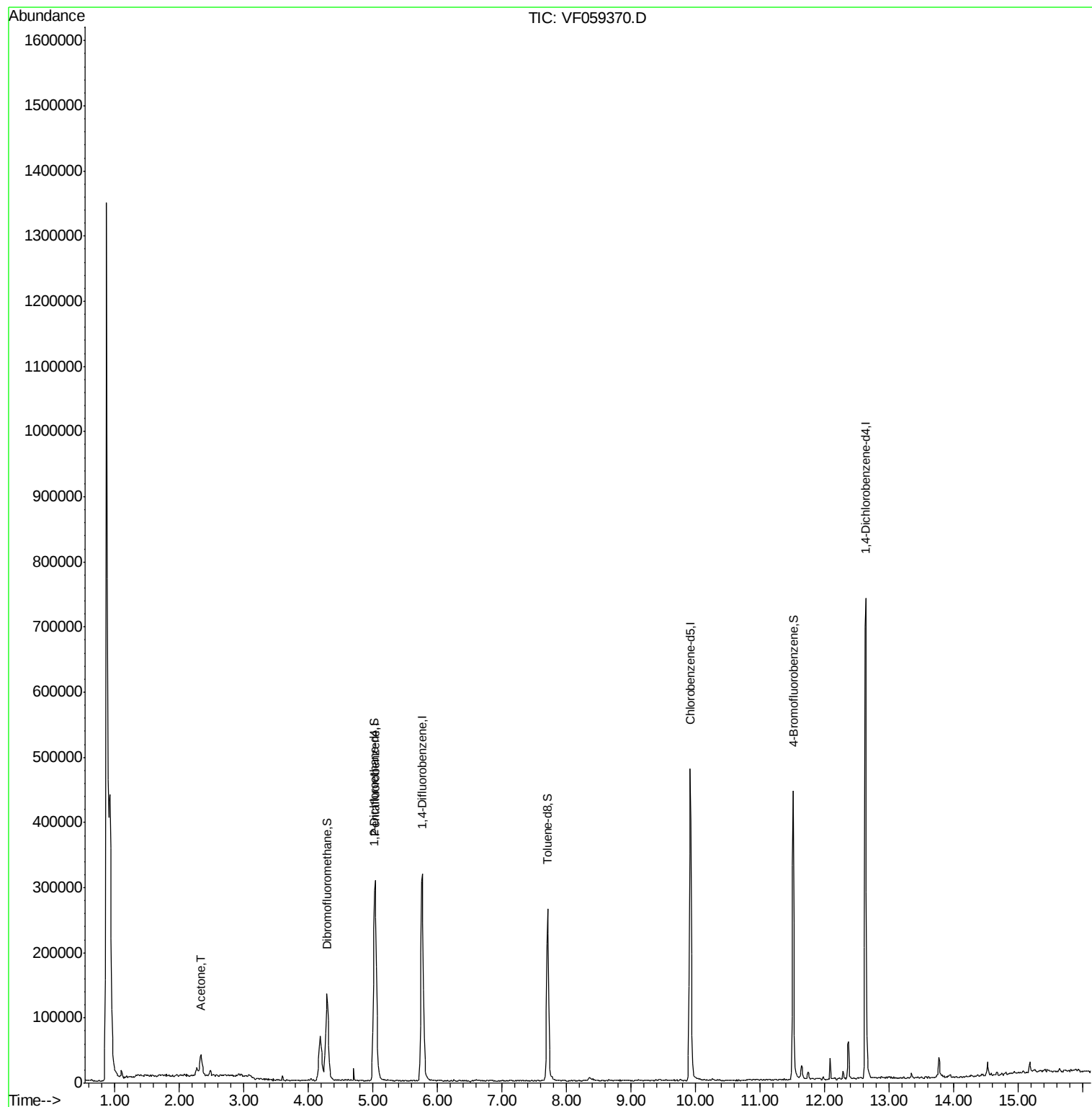
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	49040	58.16	ug/l #	92

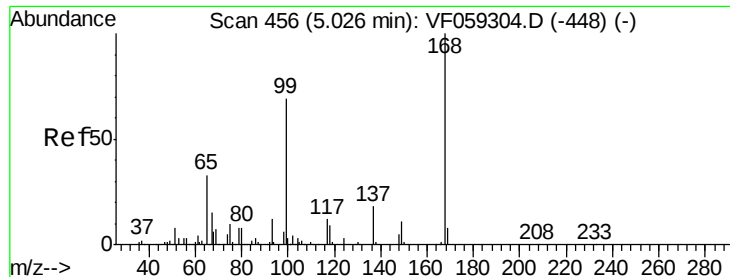
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059370.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_F

ClientSampled :

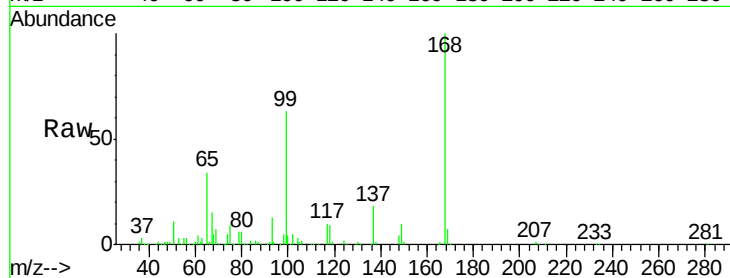
WS-SOIL

Tot Ion:168 Resp: 230324

Ion Ratio Lower Upper

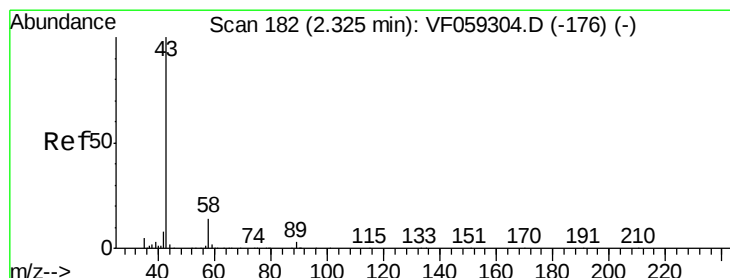
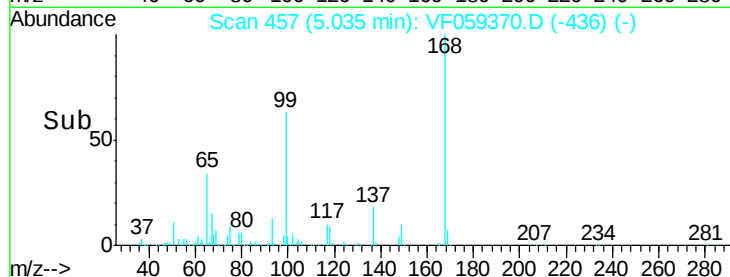
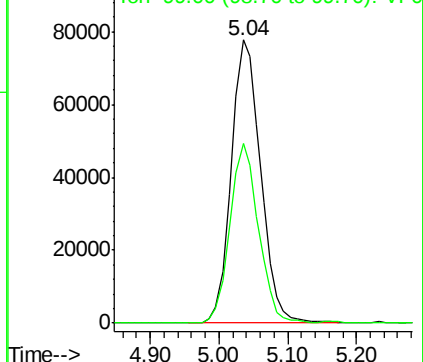
168 100

99 63.3 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 58.16 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059370.D

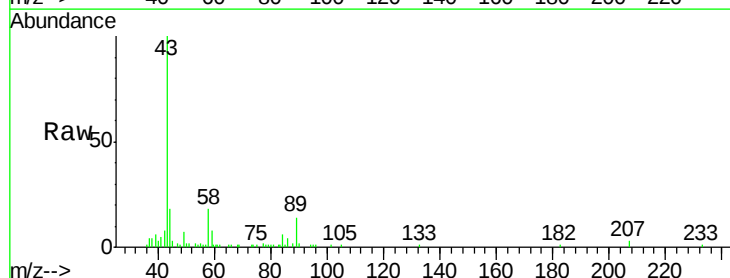
Acq: 28 Jun 2018 19:43

Tgt Ion: 43 Resp: 49040

Ion Ratio Lower Upper

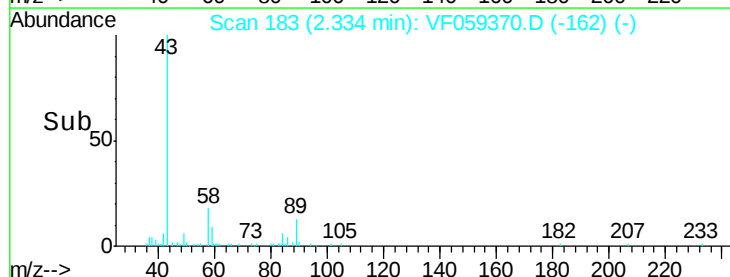
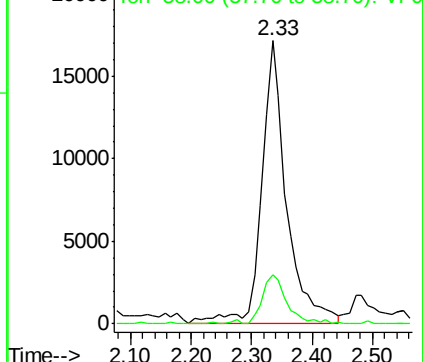
43 100

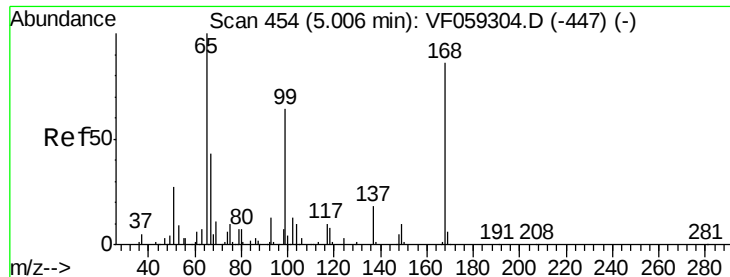
58 17.5 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 43.01 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059370.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_F

ClientSampled :

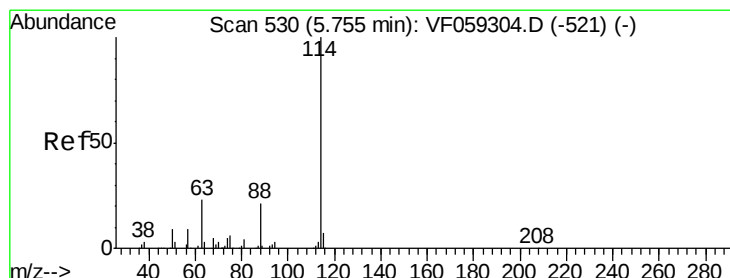
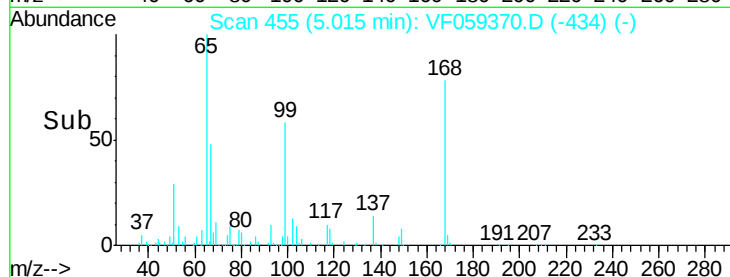
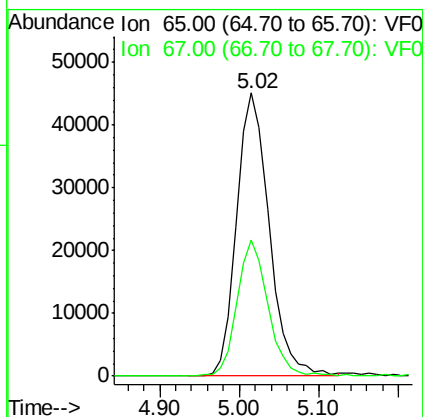
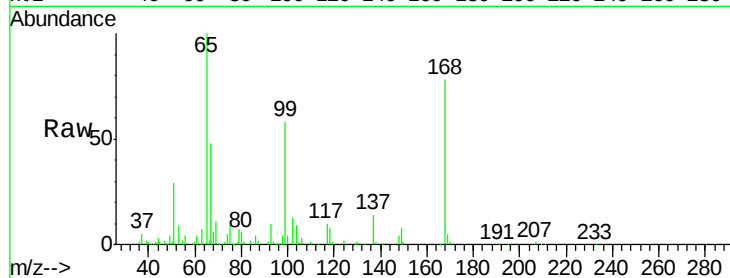
WS-SOIL

Tot Ion: 65 Resp: 127973

Ion Ratio Lower Upper

65 100

67 48.1 0.0 96.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059370.D

Acq: 28 Jun 2018 19:43

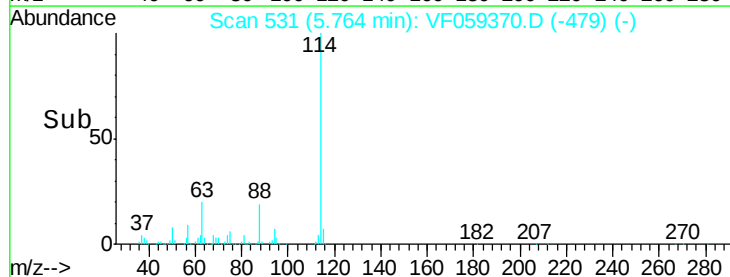
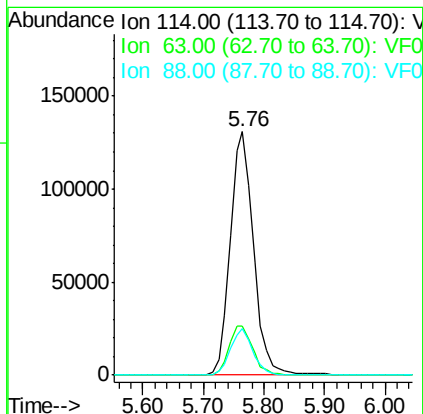
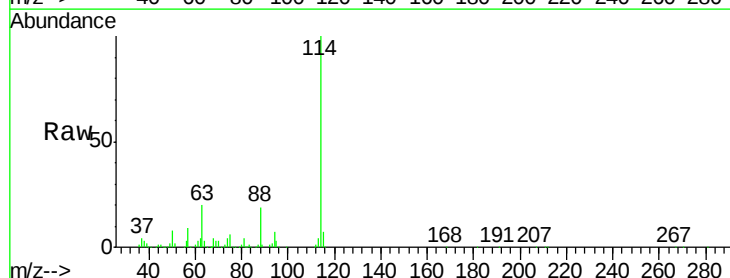
Tgt Ion: 114 Resp: 349002

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.8

88 19.2 0.0 41.2

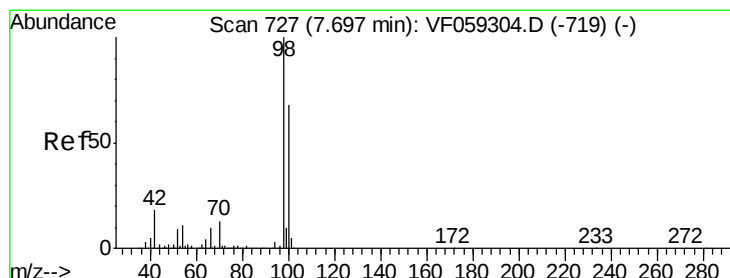
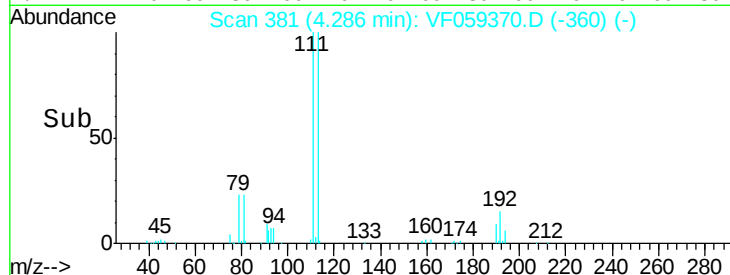
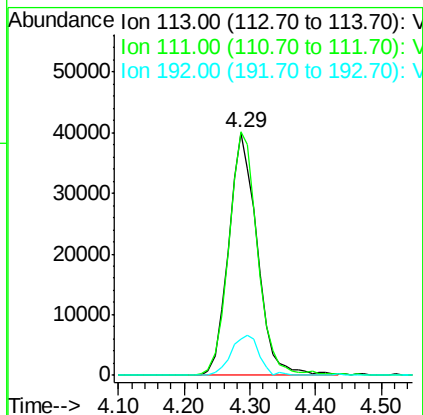
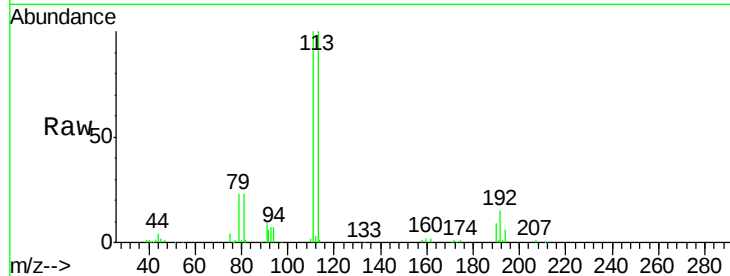




#35
 Dibromofluoromethane
 Concen: 47.70 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VF059370.D
 Acq: 28 Jun 2018 19:43

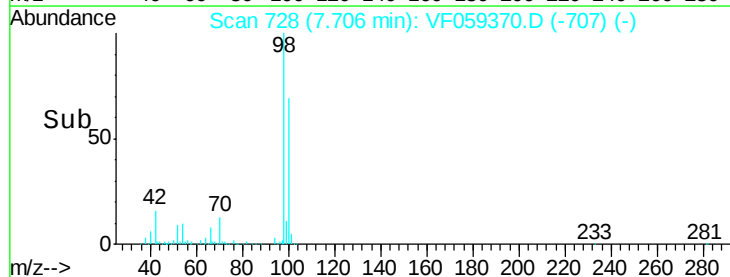
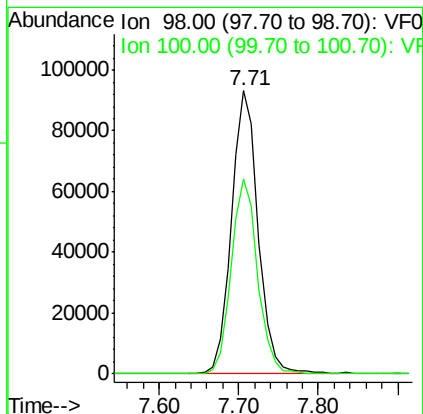
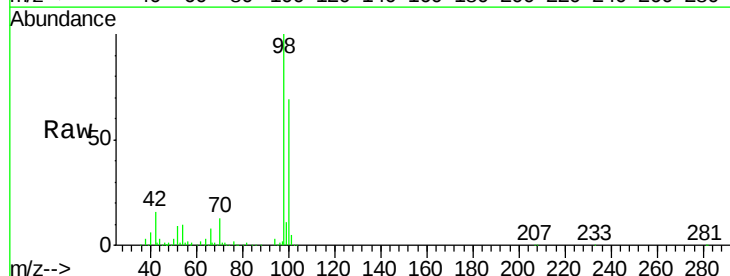
Instrument :
 MSVOA_F
 ClientSampleId :
 WS-SOIL

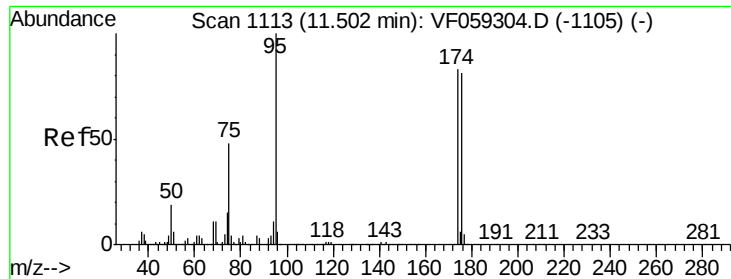
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.1	123.1
192	14.9	13.0	19.6



#50
 Toluene-d8
 Concen: 34.48 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VF059370.D
 Acq: 28 Jun 2018 19:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.1	54.6	82.0





#62

4-Bromofluorobenzene

Concen: 41.33 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF059370.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_F

ClientSampled :

WS-SOIL

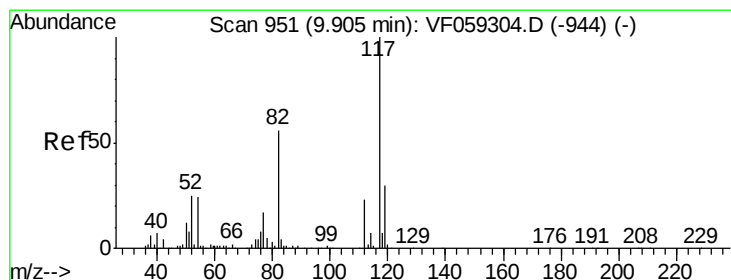
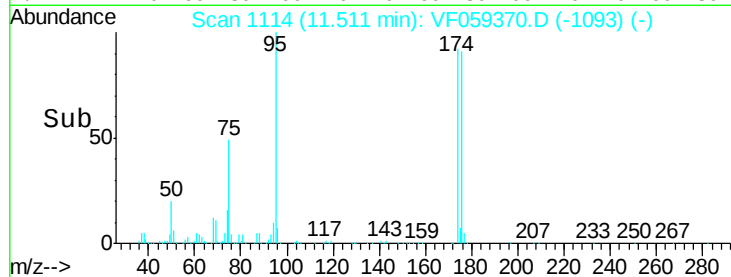
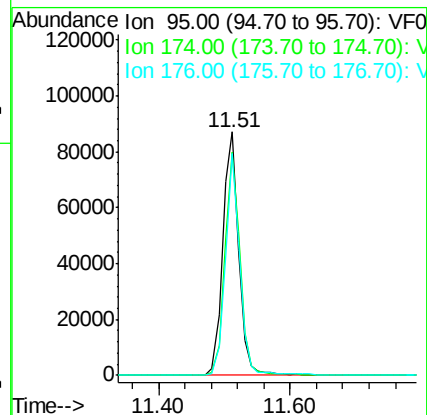
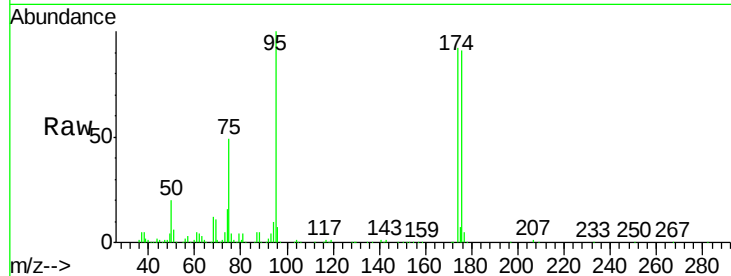
Tot Ion: 95 Resp: 147207

Ion Ratio Lower Upper

95 100

174 91.6 0.0 165.2

176 91.0 0.0 161.0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF059370.D

Acq: 28 Jun 2018 19:43

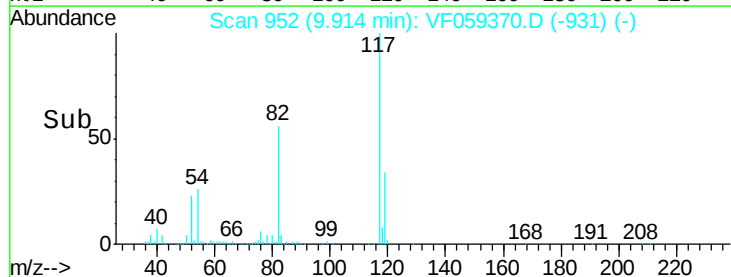
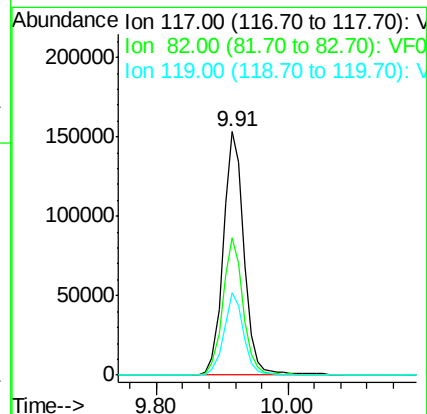
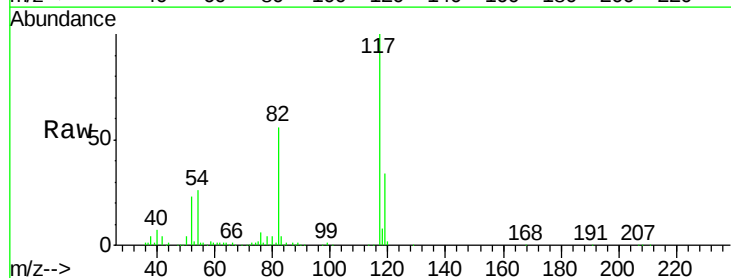
Tgt Ion: 117 Resp: 335985

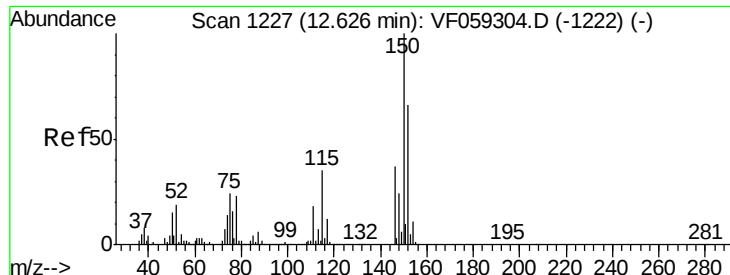
Ion Ratio Lower Upper

117 100

82 56.4 44.6 66.8

119 33.7 24.1 36.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VF059370.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_F

ClientSampleId :

WS-SOIL

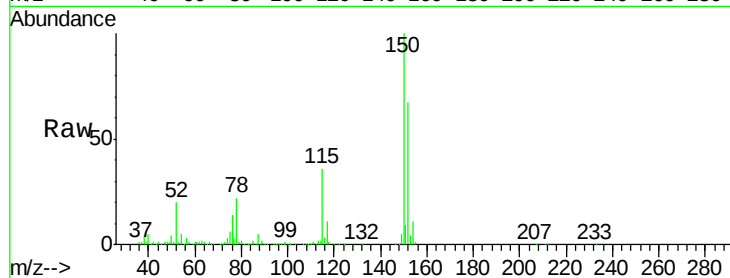
Tot Ion:152 Resp: 198662

Ion Ratio Lower Upper

152 100

115 53.5 27.1 81.3

150 150.0 0.0 305.2



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

