

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092018\
 Data File : VF060302.D
 Acq On : 20 Sep 2018 17:31
 Operator : VA/AP
 Sample : J5021-05
 Misc : 6.01/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 LS-SOIL-B

Quant Time: Sep 21 09:29:59 2018
 Quant Method : Z:\VOASRV\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	230184	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	390382	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	342534	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	157531	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	135900	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	
35) Dibromofluoromethane	4.28	113	149923	43.08	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	86.16%	
50) Toluene-d8	7.69	98	336644	37.15	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	74.30%	
62) 4-Bromofluorobenzene	11.49	95	142934	36.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	72.98%	

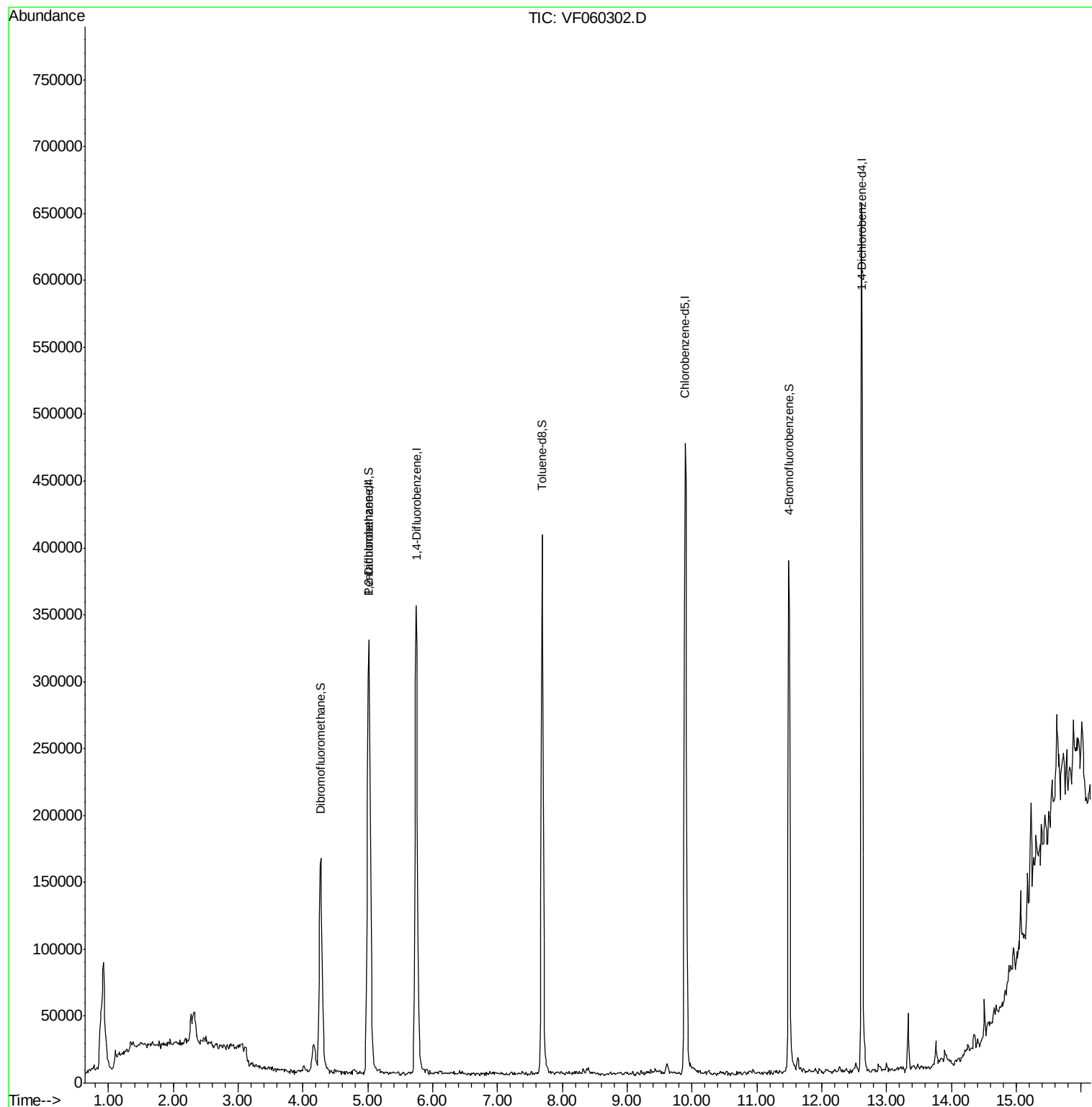
Target Compounds	Qvalue

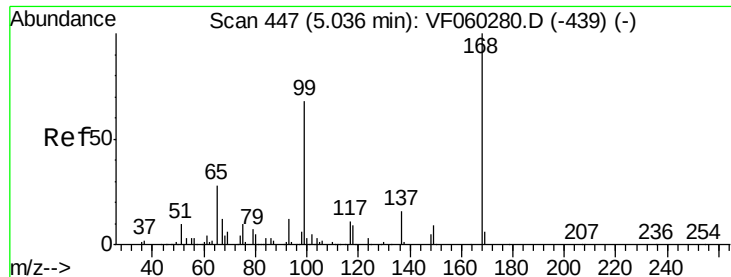
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
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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: VF060302.D

Acq: 20 Sep 2018 17:31

Instrument :

MSVOA_F

ClientSampleId :

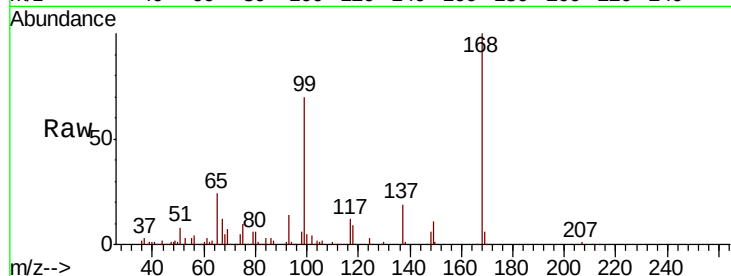
LS-SOIL-B

Tot Ion:168 Resp: 230184

Ion Ratio Lower Upper

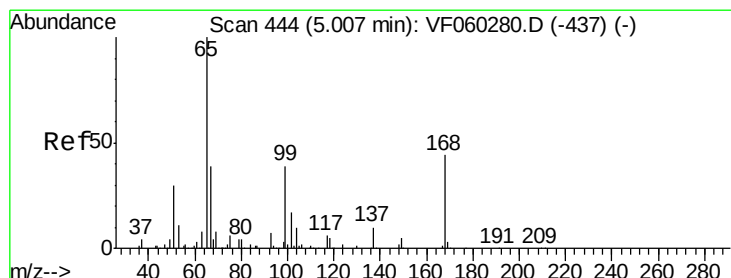
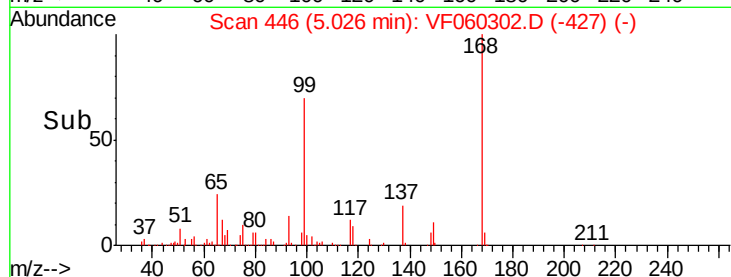
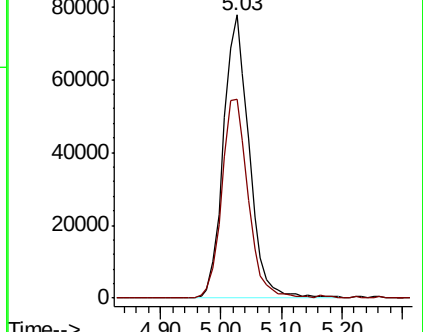
168 100

99 70.2 54.8 82.2



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: 43.846 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060302.D

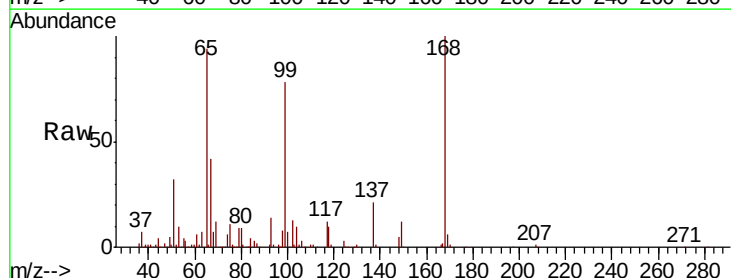
Acq: 20 Sep 2018 17:31

Tgt Ion: 65 Resp: 135900

Ion Ratio Lower Upper

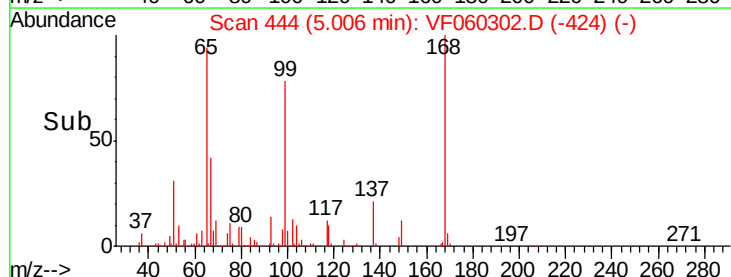
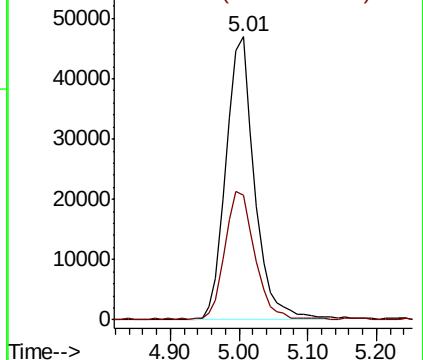
65 100

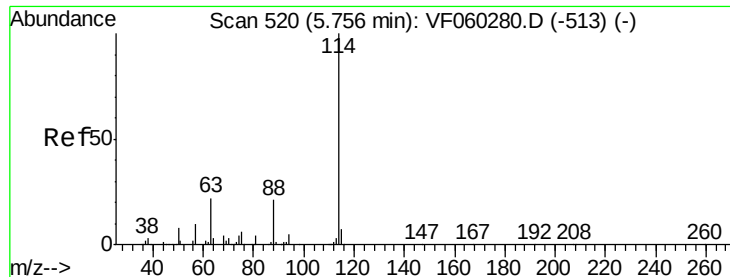
67 44.2 0.0 94.4



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: 5.75 min Scan# 519

Delta R.T. -0.01 min

Lab File: VF060302.D

Acq: 20 Sep 2018 17:31

Instrument :

MSVOA_F

ClientSampleId :

LS-SOIL-B

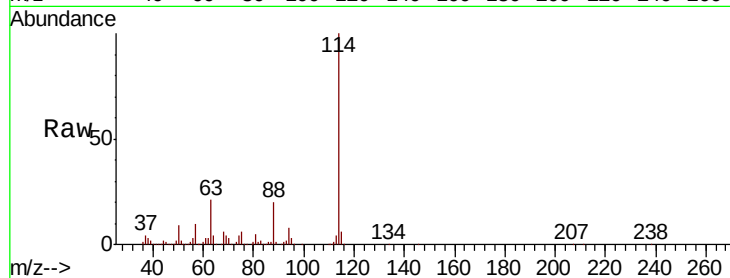
Tot Ion:114 Resp: 390382

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

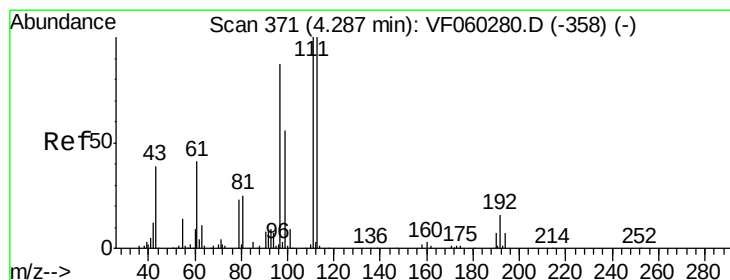
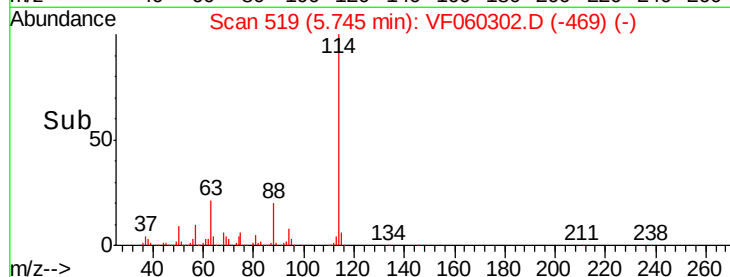
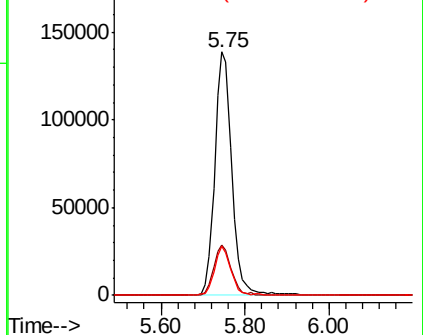
88 20.2 0.0 41.2



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: 43.082 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060302.D

Acq: 20 Sep 2018 17:31

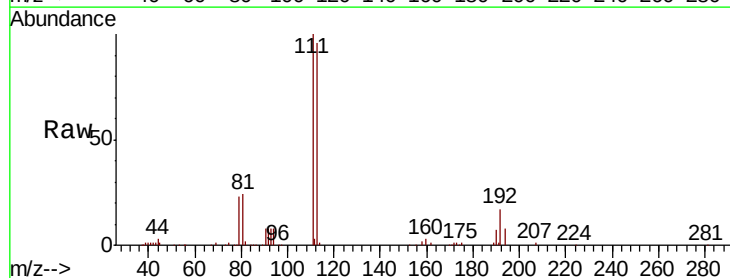
Tgt Ion:113 Resp: 149923

Ion Ratio Lower Upper

113 100

111 104.7 79.6 119.4

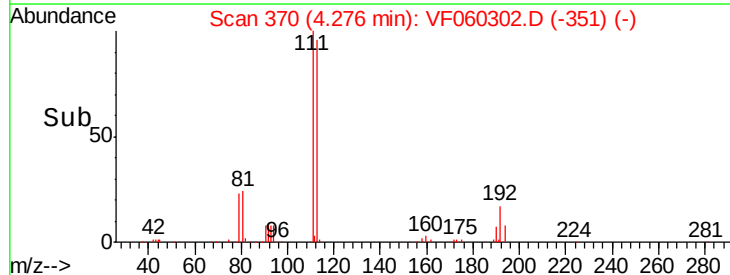
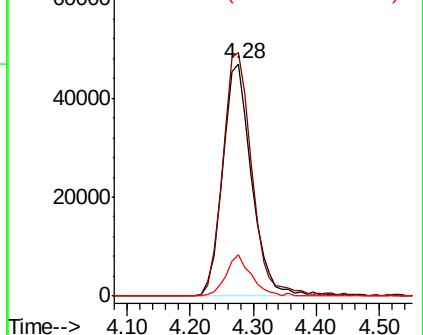
192 18.0 13.0 19.6

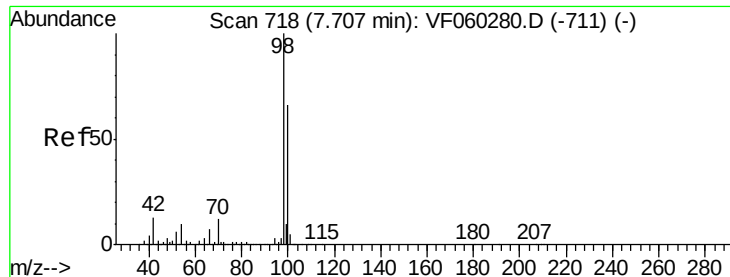


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

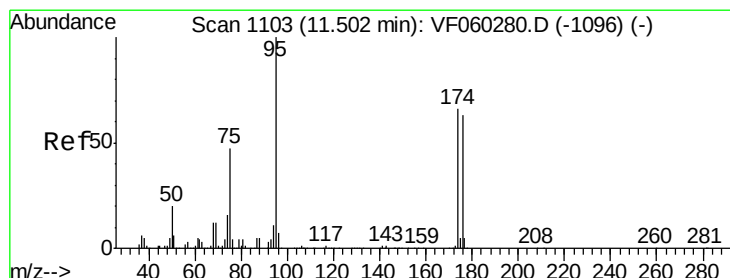
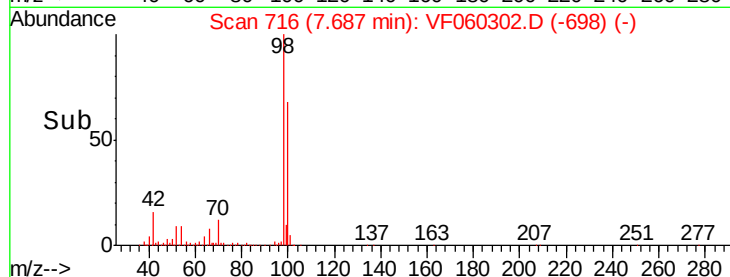
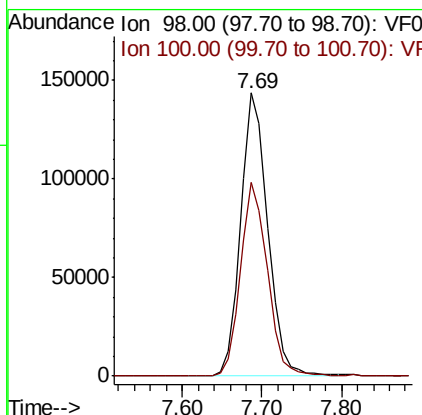
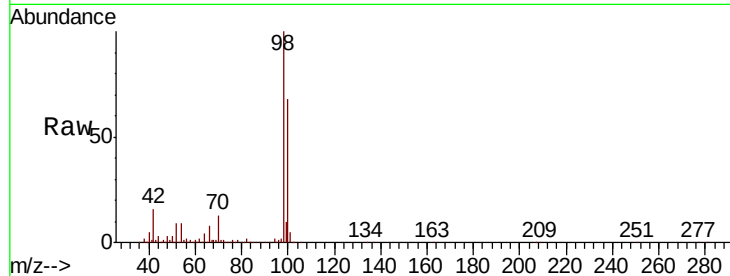




#50
Toluene-d8
Concen: 37.146 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.02 min
Lab File: VF060302.D
Acq: 20 Sep 2018 17:31

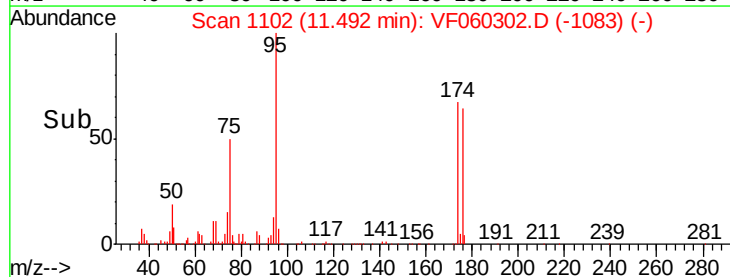
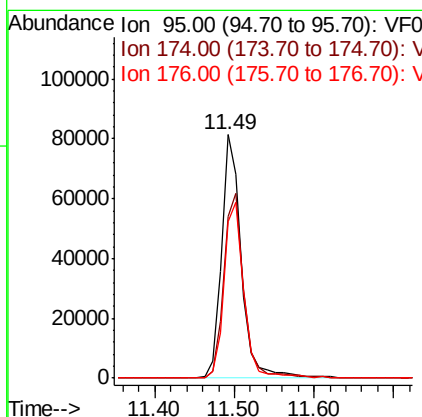
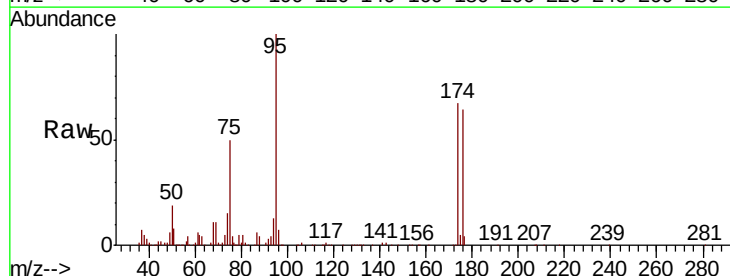
Instrument :
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ClientSampleId :
LS-SOIL-B

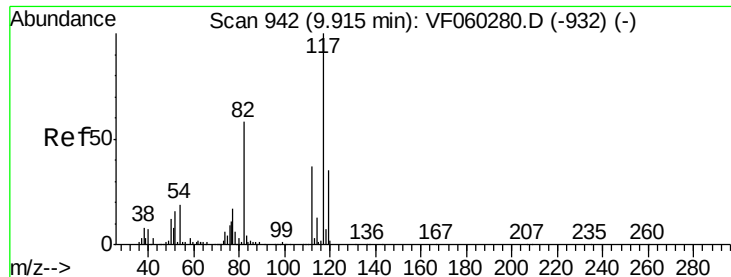
Tot Ion: 98 Resp: 336644
Ion Ratio Lower Upper
98 100
100 68.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 36.486 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VF060302.D
Acq: 20 Sep 2018 17:31

Tgt Ion: 95 Resp: 142934
Ion Ratio Lower Upper
95 100
174 66.6 0.0 131.2
176 64.2 0.0 126.6

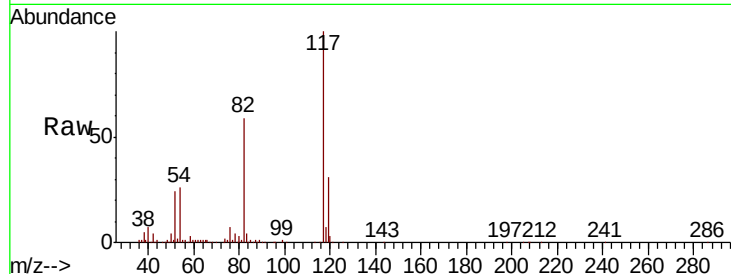




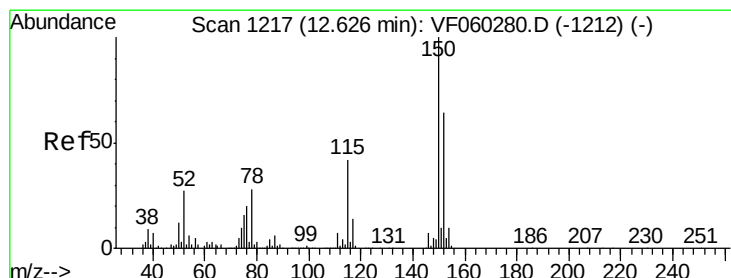
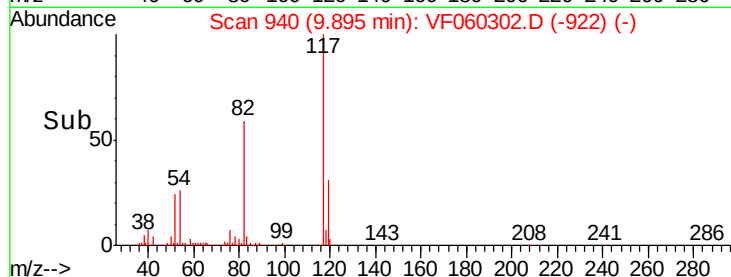
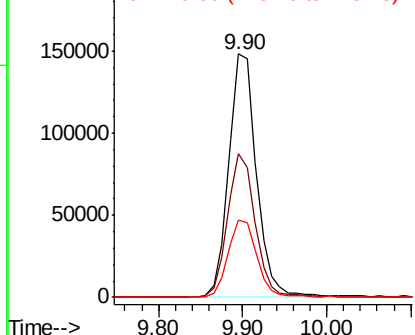
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060302.D
Acq: 20 Sep 2018 17:31

Instrument :
MSVOA_F
ClientSampleId :
LS-SOIL-B

Tot Ion:117 Resp: 342534
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.2
119 31.5 27.8 41.6

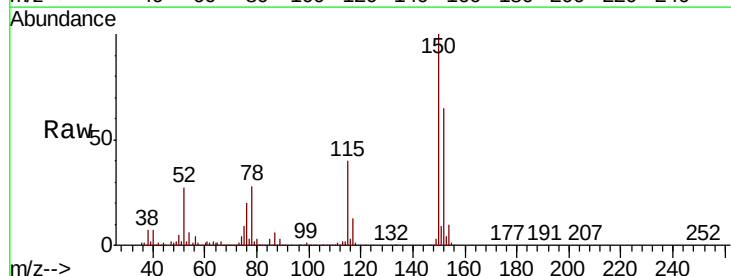


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF060302.D
Acq: 20 Sep 2018 17:31

Tgt Ion:152 Resp: 157531
Ion Ratio Lower Upper
152 100
115 62.5 32.6 97.8
150 154.7 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

