

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060455.D
 Acq On : 5 Oct 2018 00:07
 Operator : VA/AP
 Sample : J5179-05
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T1-GRAVEL

Quant Time: Oct 05 02:02:23 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	5.02	168	221926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	366075	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	263774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	111421	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	137785	39.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.36%	
35) Dibromofluoromethane	4.27	113	143257	41.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.32%	
50) Toluene-d8	7.69	98	228422	26.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.94%	
62) 4-Bromofluorobenzene	11.50	95	90887	23.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.00%	

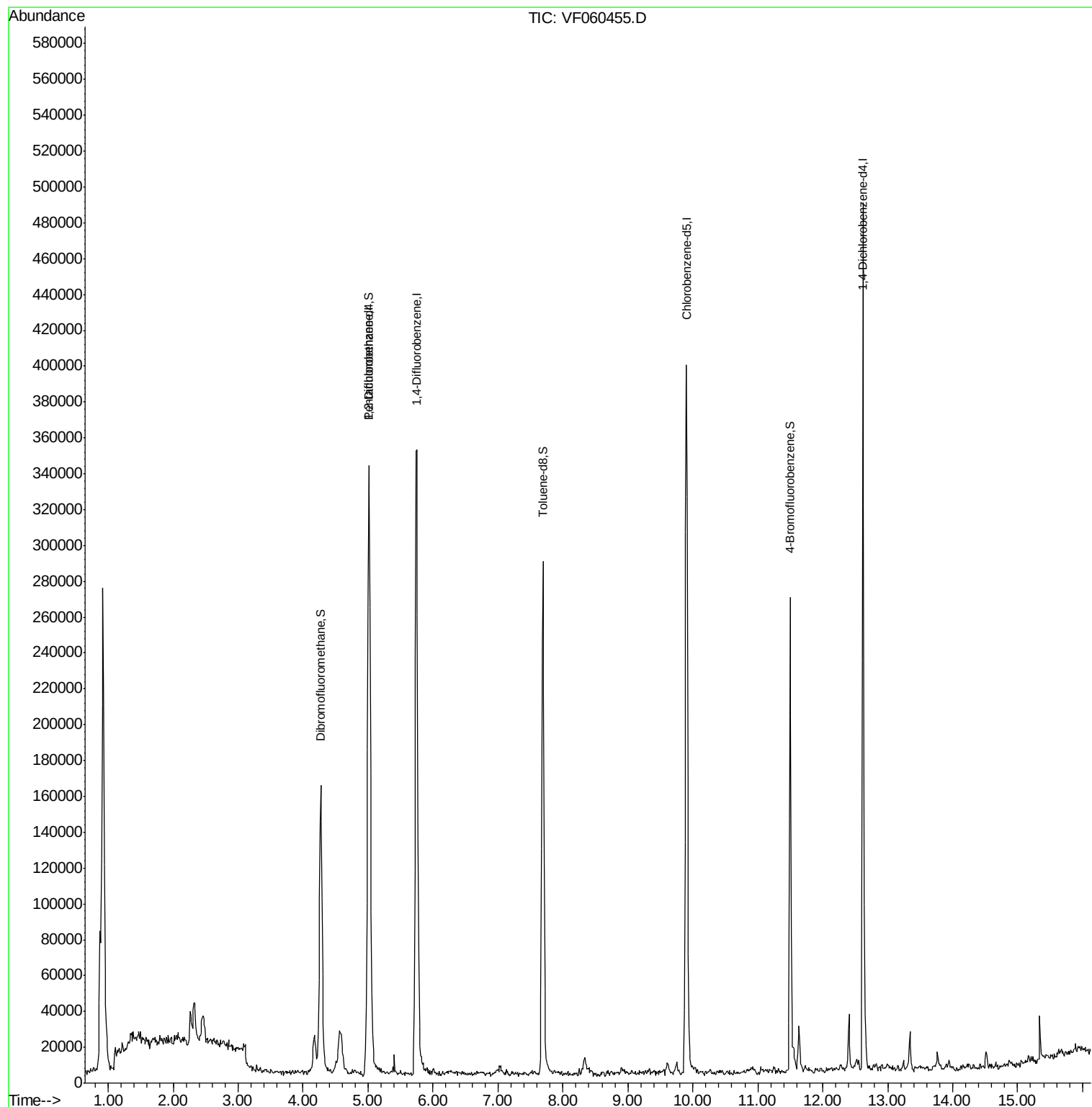
Target Compounds	Qvalue

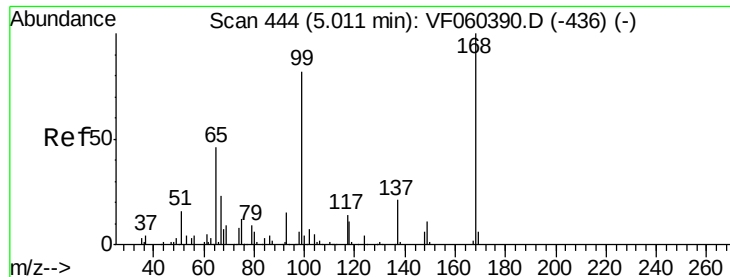
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060455.D

Acq: 5 Oct 2018 00:07

Instrument :

MSVOA_F

ClientSampleId :

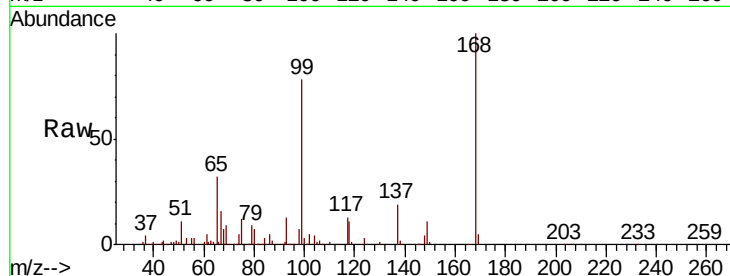
T1-GRAVEL

Tot Ion:168 Resp: 221926

Ion Ratio Lower Upper

168 100

99 77.8 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

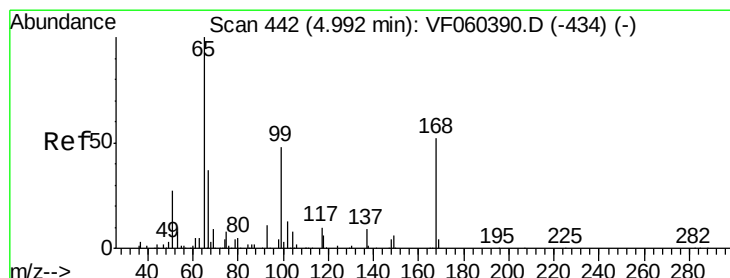
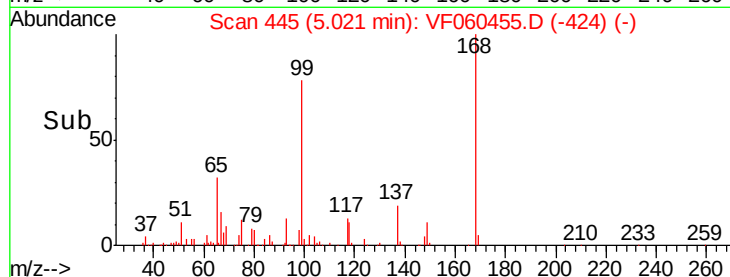
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 39.677 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.01 min

Lab File: VF060455.D

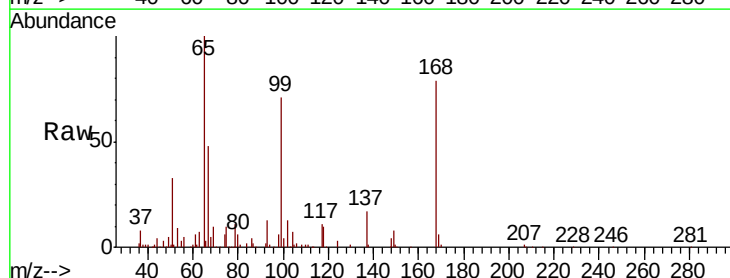
Acq: 5 Oct 2018 00:07

Tgt Ion: 65 Resp: 137785

Ion Ratio Lower Upper

65 100

67 48.0 0.0 89.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

50000

40000

30000

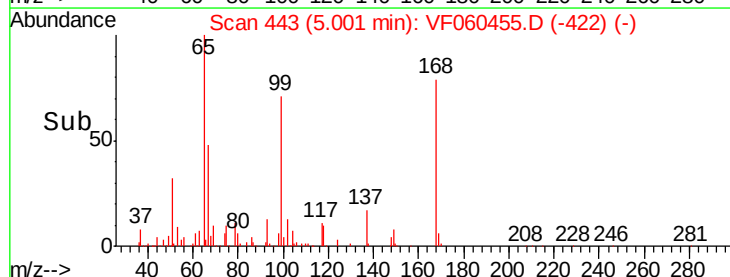
20000

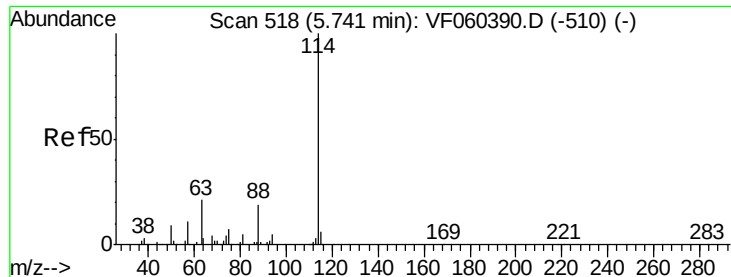
10000

0

4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. 0.01 min

Lab File: VF060455.D

Acq: 5 Oct 2018 00:07

Instrument :

MSVOA_F

ClientSampleId :

T1-GRAVEL

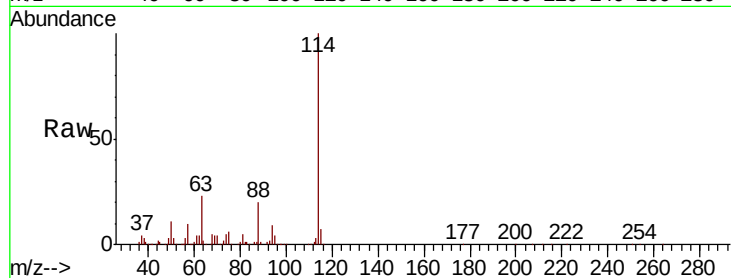
Tot Ion:114 Resp: 366075

Ion Ratio Lower Upper

114 100

63 22.8 0.0 42.2

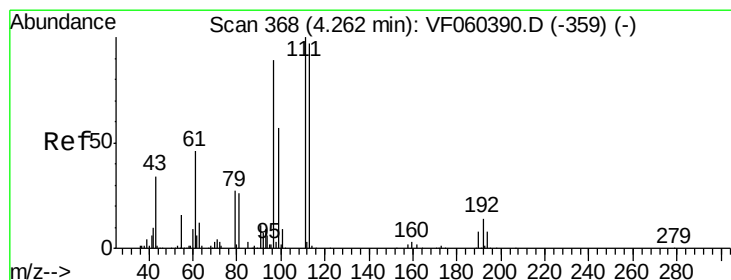
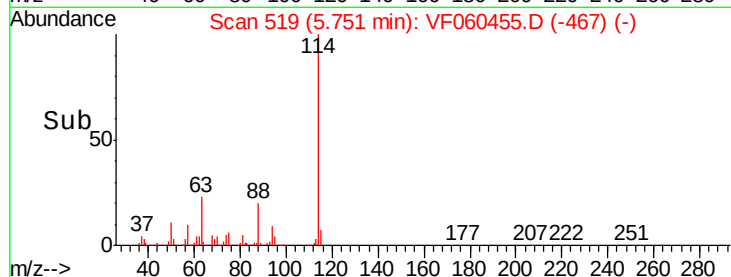
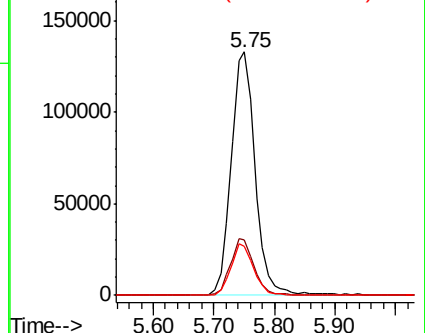
88 20.3 0.0 38.8



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: 41.656 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.01 min

Lab File: VF060455.D

Acq: 5 Oct 2018 00:07

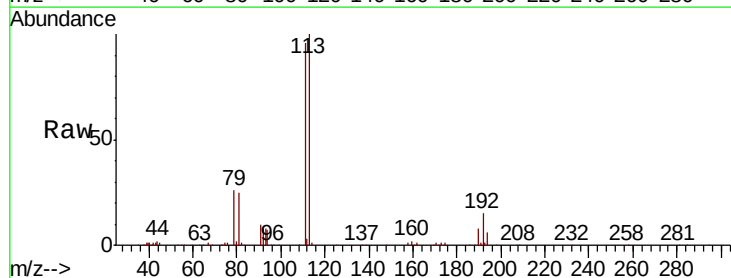
Tgt Ion:113 Resp: 143257

Ion Ratio Lower Upper

113 100

111 95.9 82.3 123.5

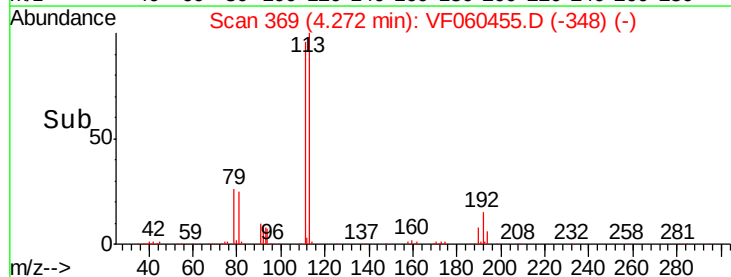
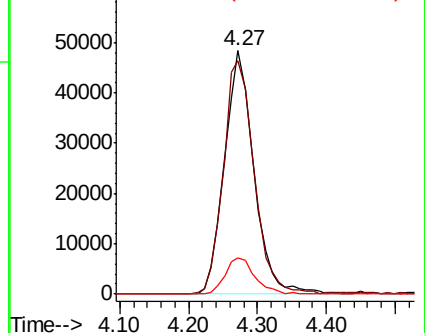
192 15.0 11.8 17.6

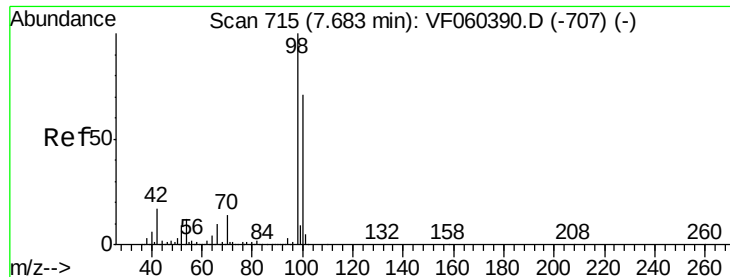


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

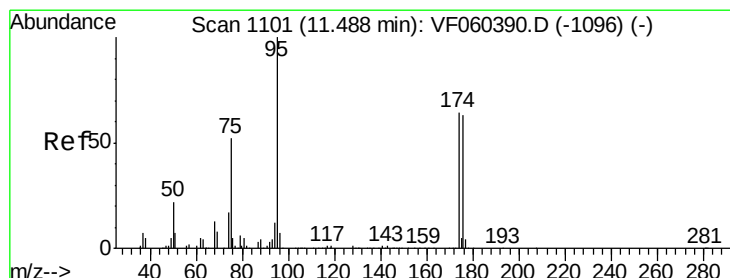
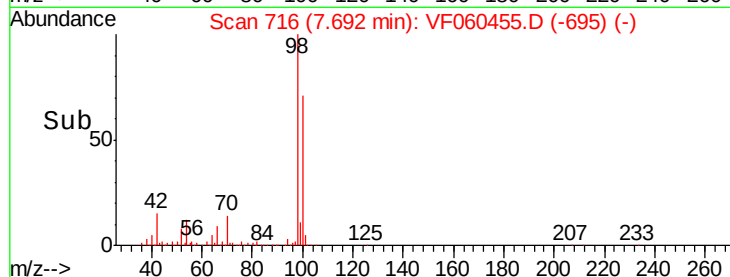
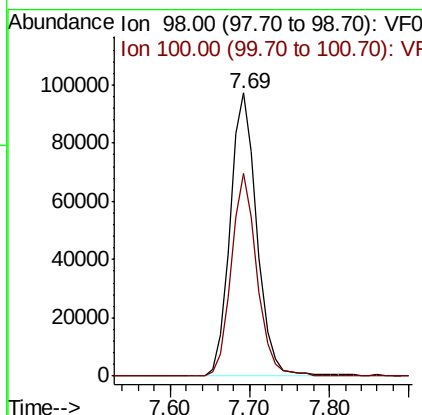
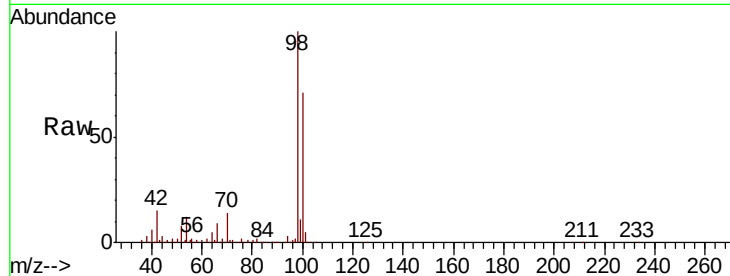




#50
Toluene-d8
Concen: 26.969 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060455.D
Acq: 5 Oct 2018 00:07

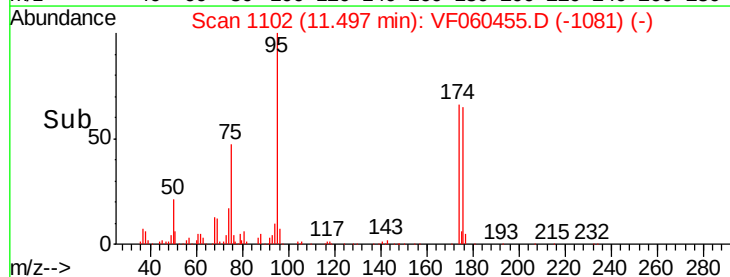
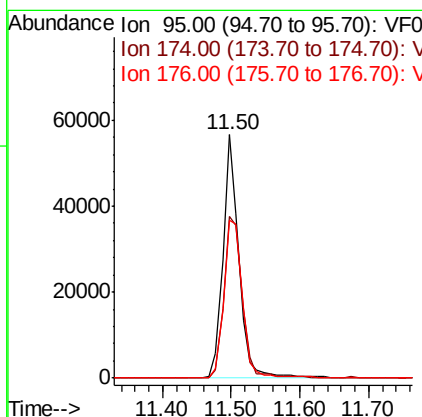
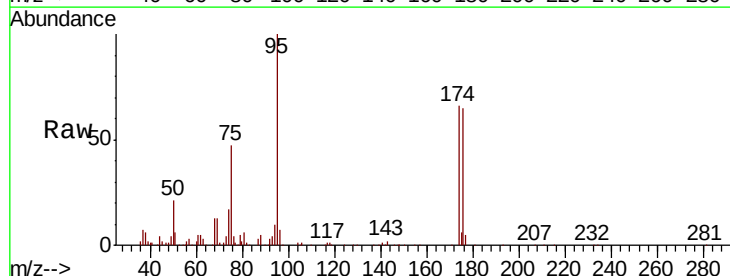
Instrument :
MSVOA_F
ClientSampled :
T1-GRAVEL

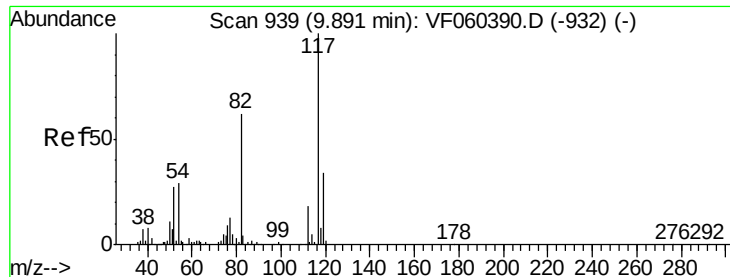
Tot Ion: 98 Resp: 228422
Ion Ratio Lower Upper
98 100
100 71.5 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 23.502 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. 0.01 min
Lab File: VF060455.D
Acq: 5 Oct 2018 00:07

Tgt Ion: 95 Resp: 90887
Ion Ratio Lower Upper
95 100
174 66.2 0.0 129.0
176 64.6 0.0 125.6

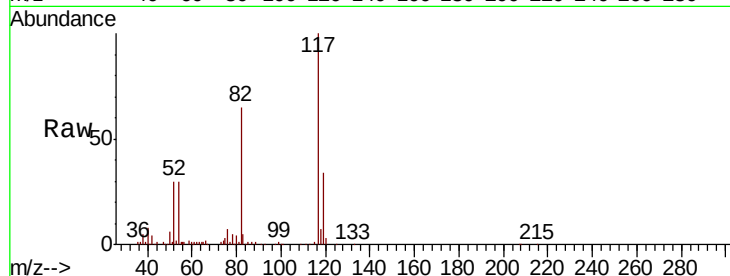




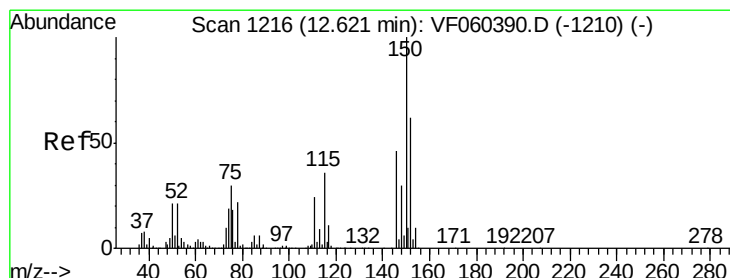
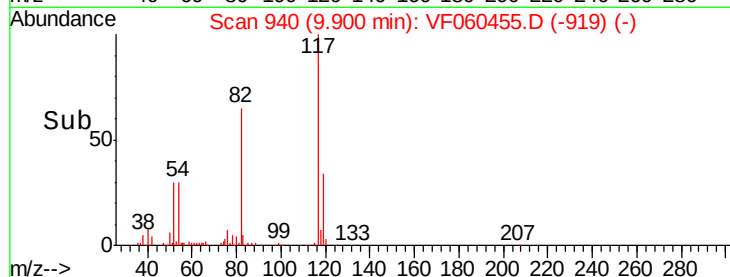
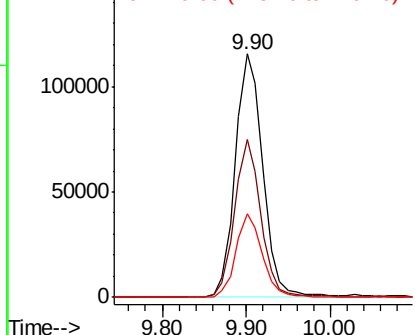
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060455.D
Acq: 5 Oct 2018 00:07

Instrument :
MSVOA_F
ClientSampleId :
T1-GRAVEL

Tot Ion:117 Resp: 263774
Ion Ratio Lower Upper
117 100
82 64.7 49.5 74.3
119 34.2 27.0 40.6

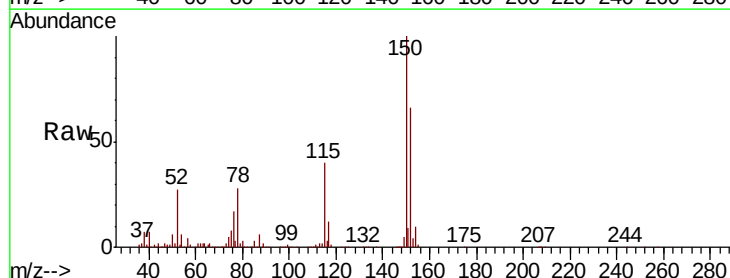


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060455.D
Acq: 5 Oct 2018 00:07

Tgt Ion:152 Resp: 111421
Ion Ratio Lower Upper
152 100
115 60.9 28.6 85.8
150 151.8 0.0 324.6



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

