

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092618\
 Data File : VF060353.D
 Acq On : 26 Sep 2018 15:53
 Operator : VA/AP
 Sample : J5069-01RE
 Misc : 5.05/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SLUDGE-ARE

Quant Time: Sep 27 04:09:54 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	5.04	168	33804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	35322	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	14660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	4780	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	5708	12.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	25.08%	
35) Dibromofluoromethane	4.28	113	8187	26.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.00%	
50) Toluene-d8	7.70	98	34245	41.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.52%	
62) 4-Bromofluorobenzene	11.50	95	8089	22.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.64%	

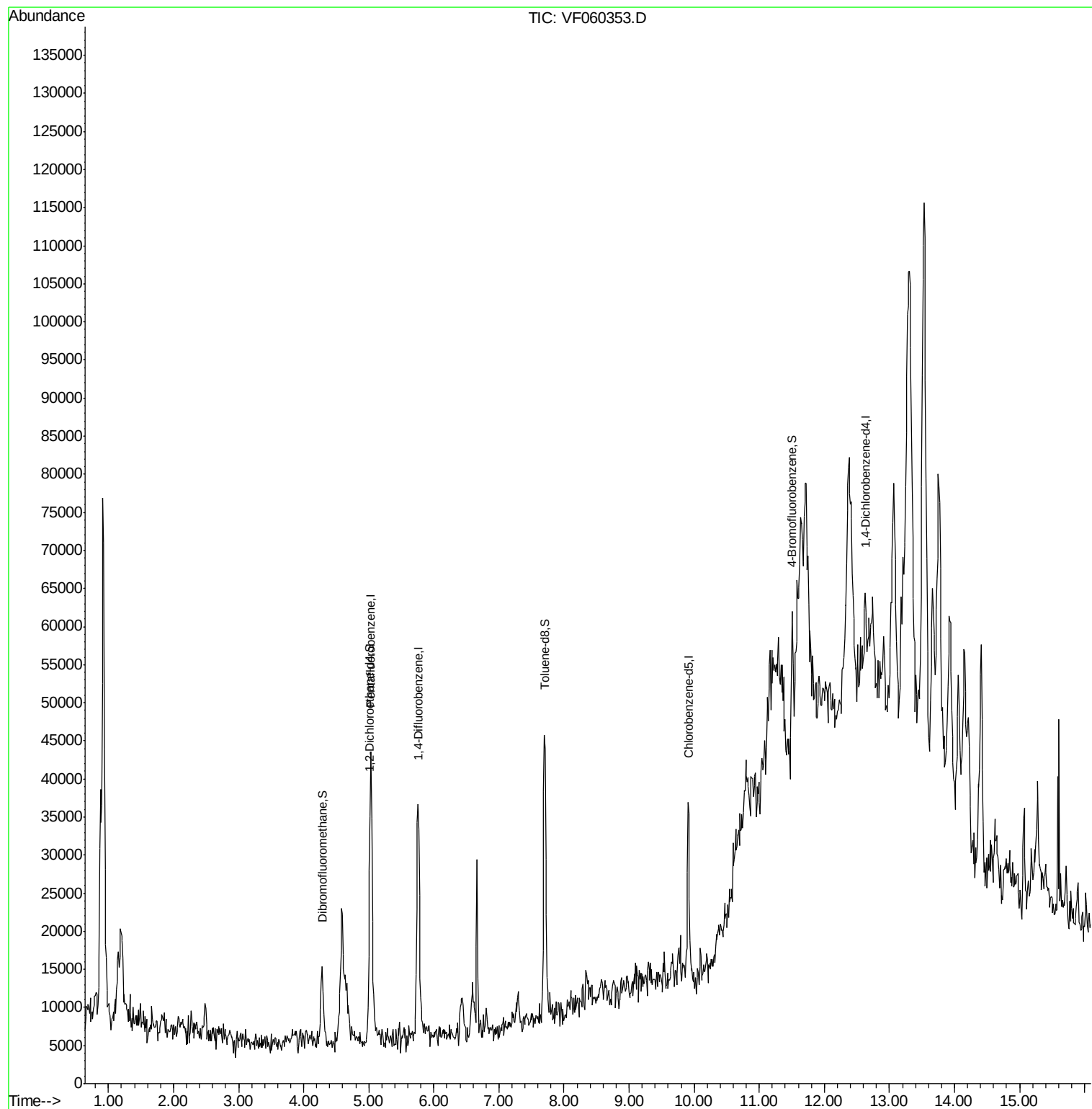
Target Compounds	Qvalue

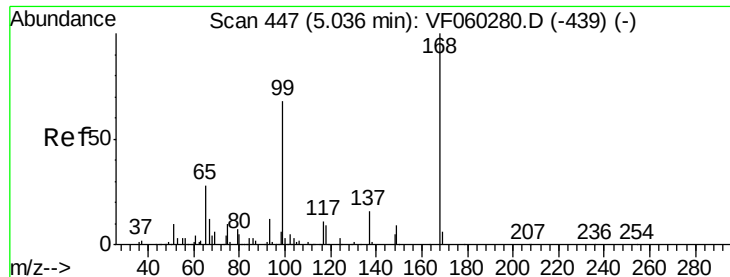
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 447

Delta R.T. 0.00 min

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Instrument :

MSVOA_F

ClientSampleId :

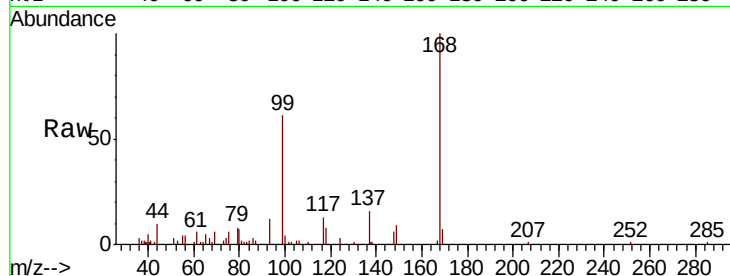
SLUDGE-ARE

Tot Ion:168 Resp: 33804

Ion Ratio Lower Upper

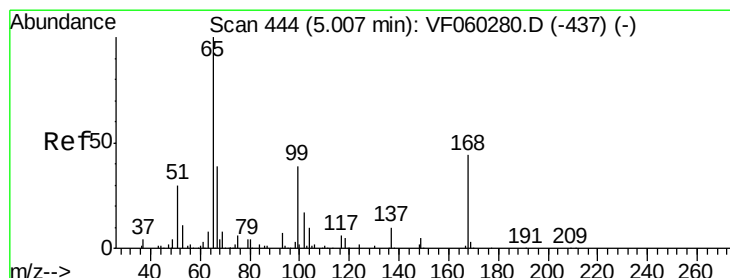
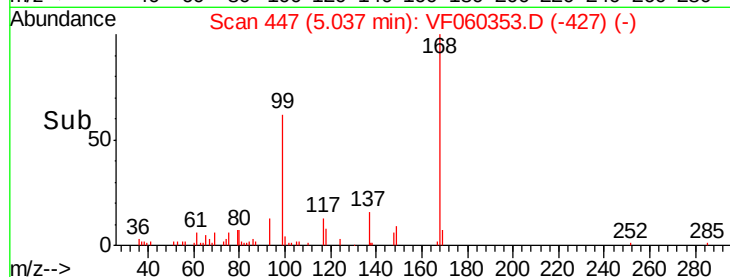
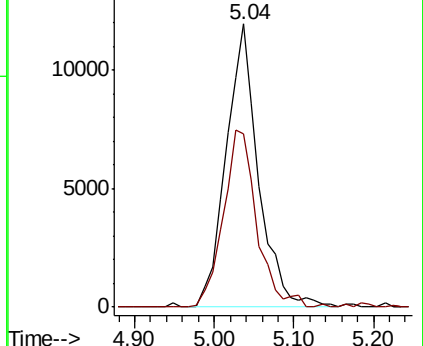
168 100

99 61.1 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: 12.540 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF060353.D

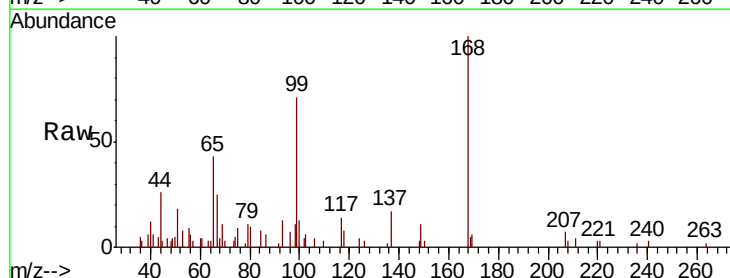
Acq: 26 Sep 2018 15:53

Tgt Ion: 65 Resp: 5708

Ion Ratio Lower Upper

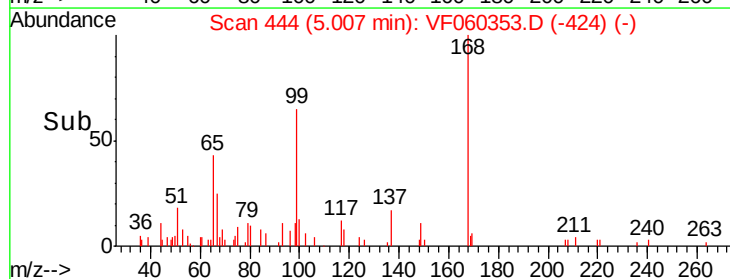
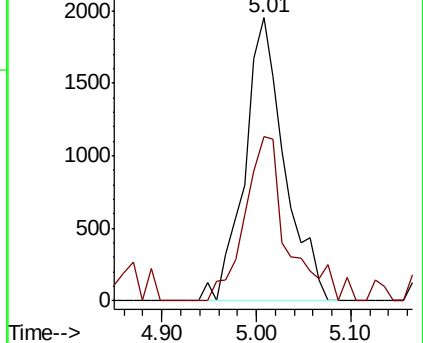
65 100

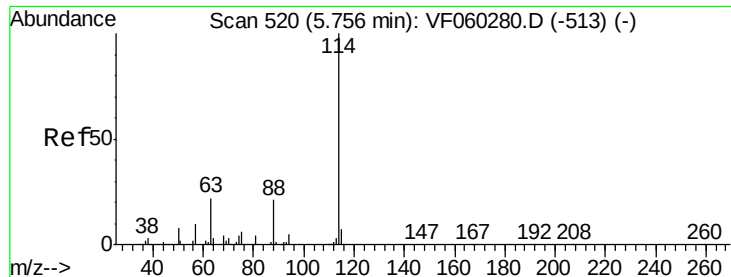
67 57.9 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

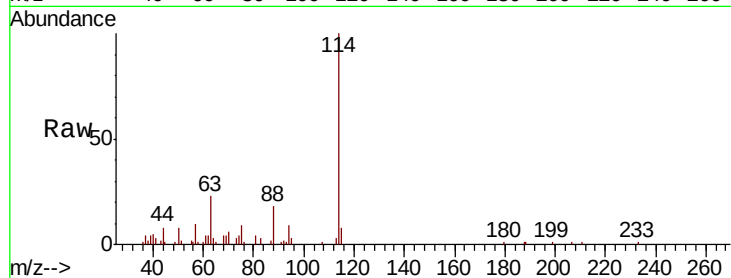




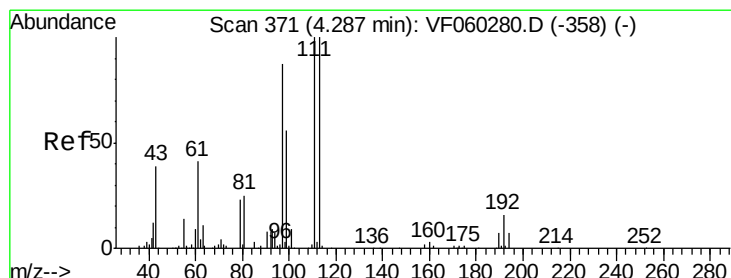
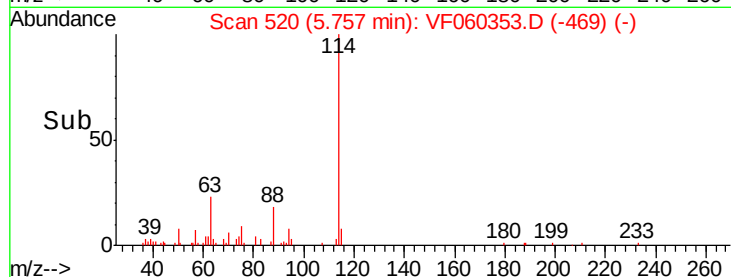
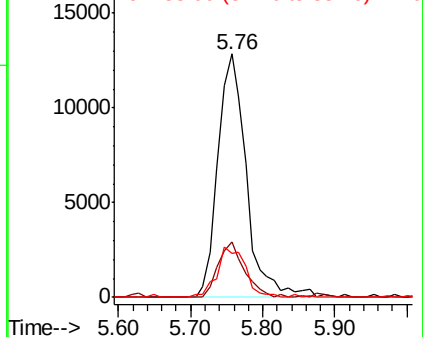
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: VF060353.D
 Acq: 26 Sep 2018 15:53

Instrument :
 MSVOA_F
 ClientSampleId :
 SLUDGE-ARE

Tot Ion:114 Resp: 35322
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.8
 88 17.9 0.0 41.2

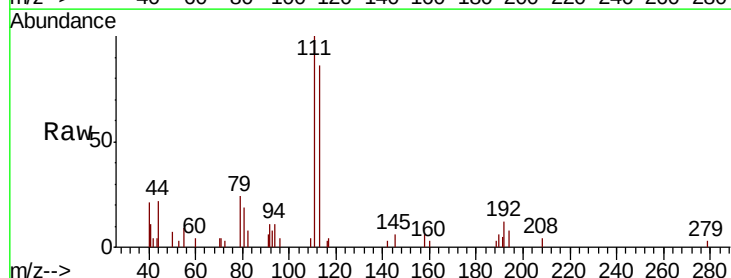


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

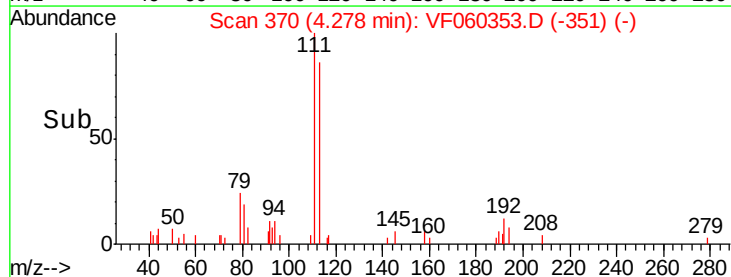
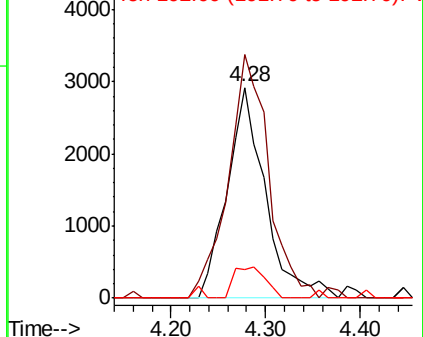


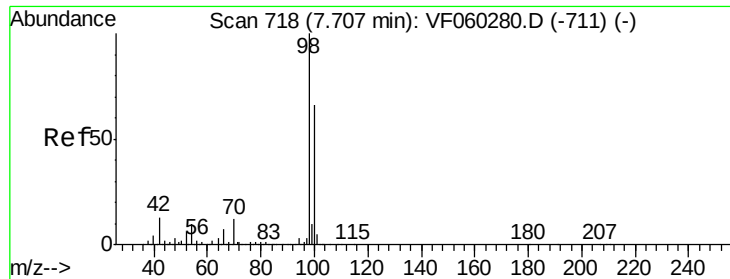
#35
 Dibromofluoromethane
 Concen: 26.001 ug/l
 RT: 4.28 min Scan# 370
 Delta R.T. -0.01 min
 Lab File: VF060353.D
 Acq: 26 Sep 2018 15:53

Tgt Ion:113 Resp: 8187
 Ion Ratio Lower Upper
 113 100
 111 115.8 79.6 119.4
 192 13.7 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

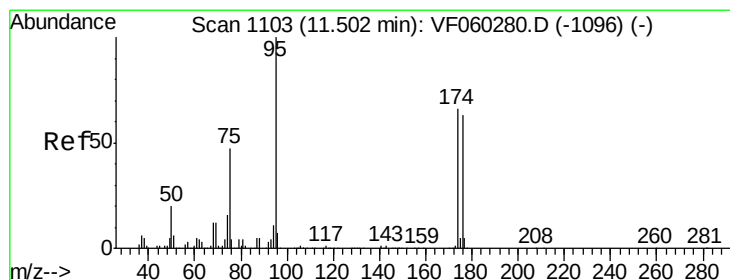
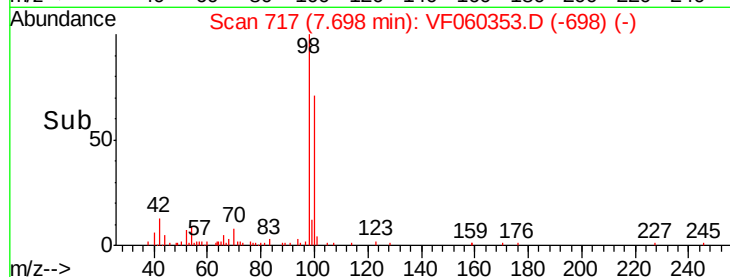
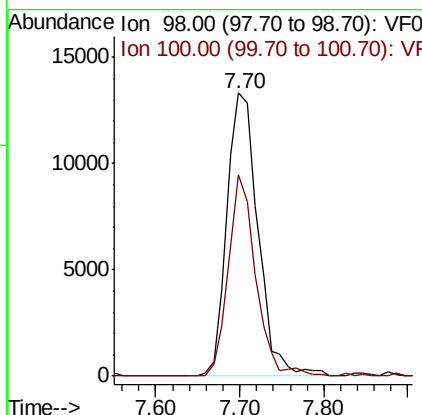
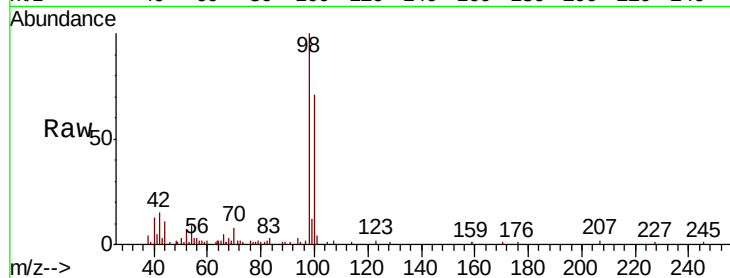




#50
Toluene-d8
Concen: 41.763 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

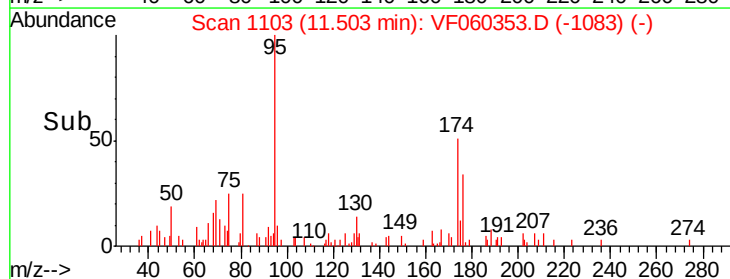
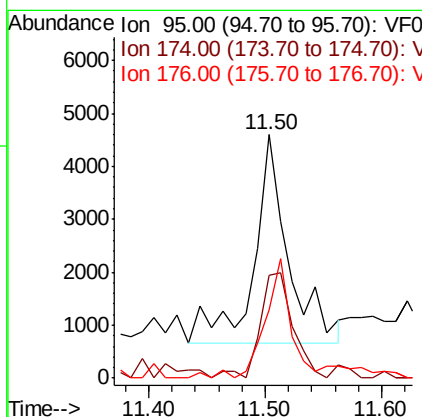
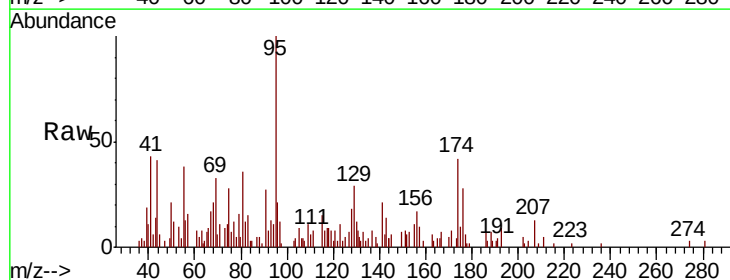
Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

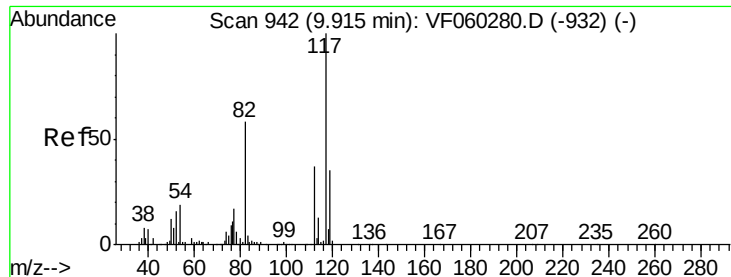
Tot Ion: 98 Resp: 34245
Ion Ratio Lower Upper
98 100
100 71.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 22.821 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 95 Resp: 8089
Ion Ratio Lower Upper
95 100
174 42.0 0.0 131.2
176 28.0 0.0 126.6

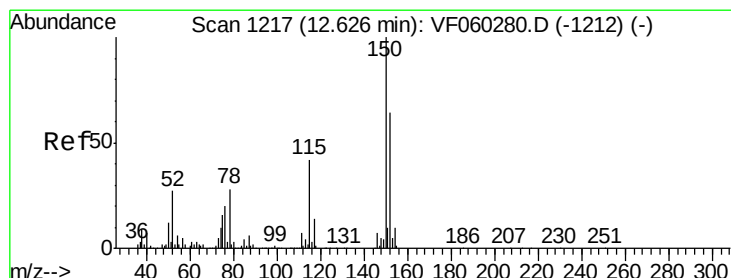
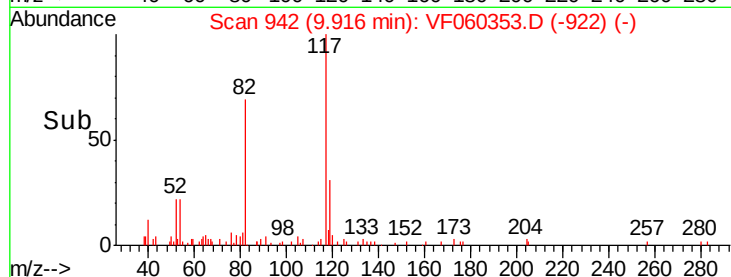
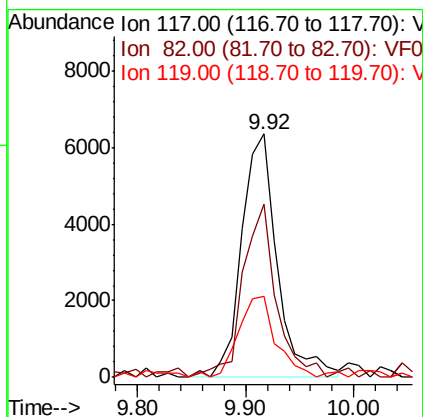
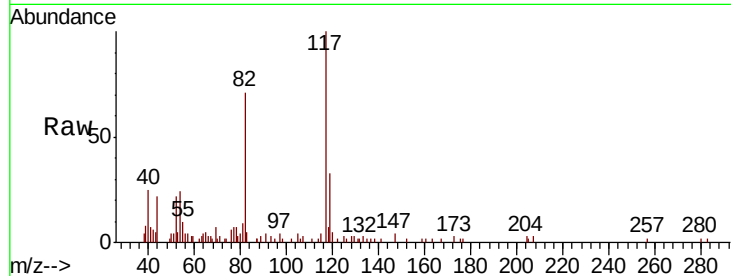




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tot Ion:117 Resp: 14660
Ion Ratio Lower Upper
117 100
82 70.9 46.2 69.2#
119 33.2 27.8 41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion:152 Resp: 4780
Ion Ratio Lower Upper
152 100
115 62.4 32.6 97.8
150 116.5 0.0 314.2

