

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072018\
 Data File : VF059606.D
 Acq On : 21 Jul 2018 2:55
 Operator : VA/AP
 Sample : J3820-05
 Misc : 6.14g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-01-071918

Quant Time: Jul 21 04:35:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	180376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	269282	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.93	117	258971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	136463	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	124951	44.54	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	89.08%	
35) Dibromofluoromethane	4.29	113	116354	49.89	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	7.71	98	234782	39.97	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	79.94%	
62) 4-Bromofluorobenzene	11.51	95	111668	36.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.46%	

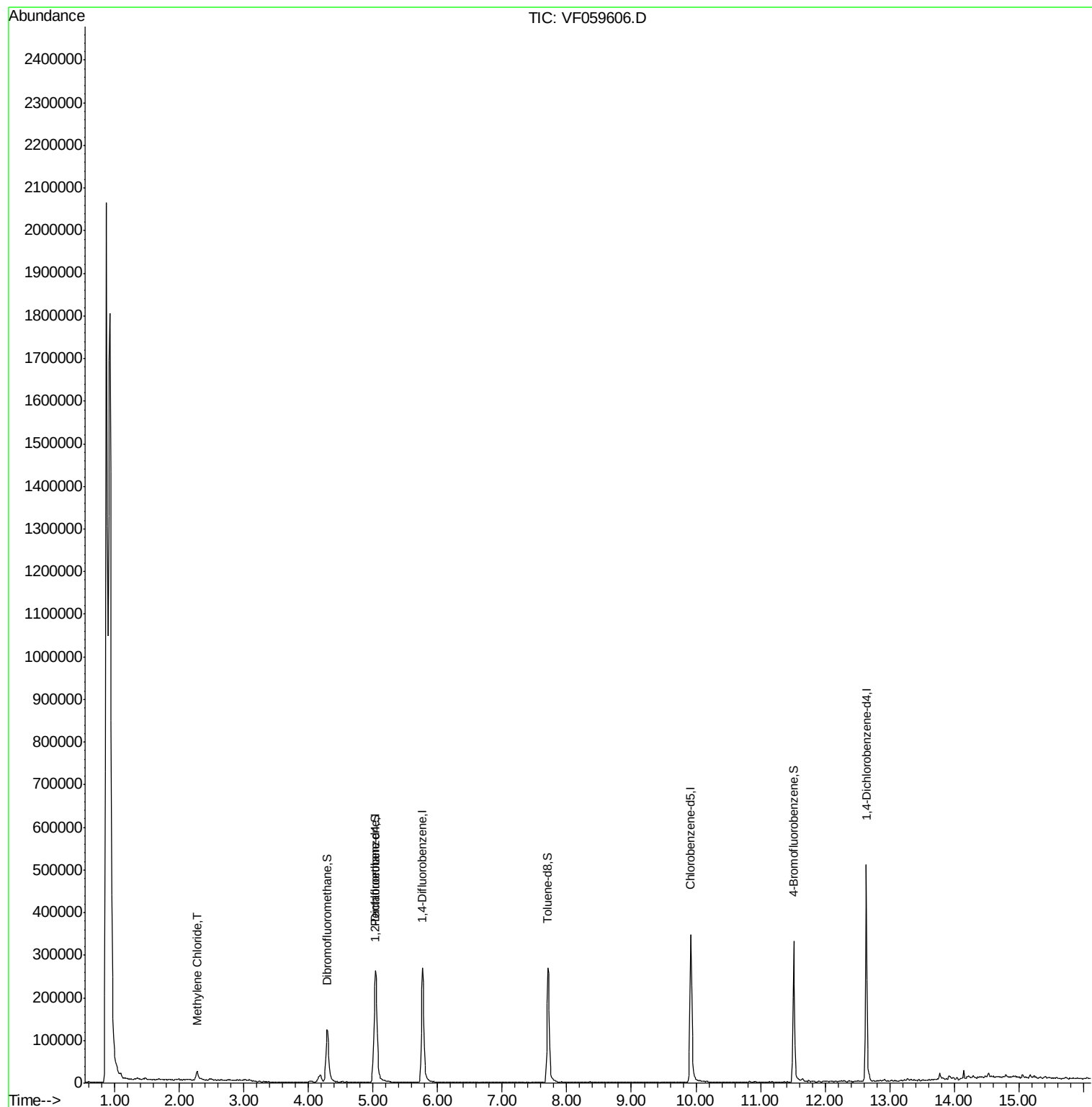
Target Compounds						Qvalue
20) Methylene Chloride	2.28	84	10965	4.49	ug/l	# 92

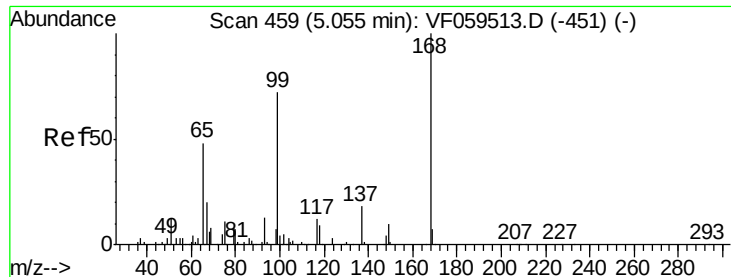
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 18 04:09:10 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF059606.D

Acq: 21 Jul 2018 2:55

Instrument :

MSVOA_F

ClientSampleId :

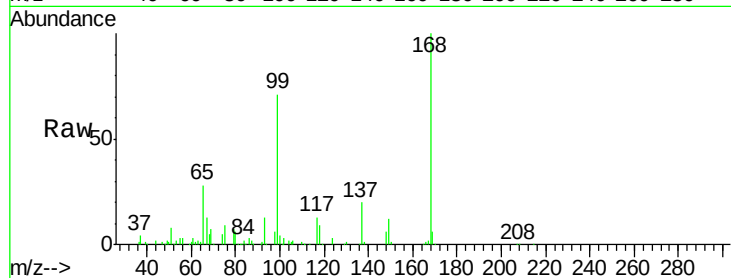
BU-01-071918

Tot Ion:168 Resp: 180376

Ion Ratio Lower Upper

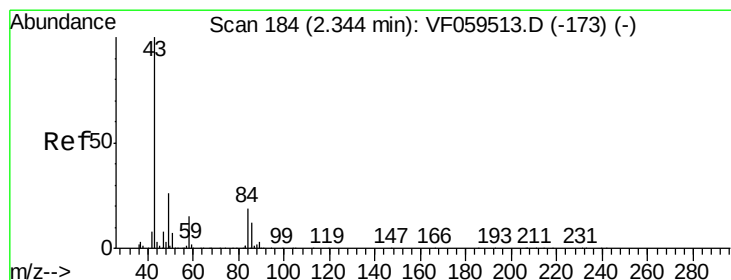
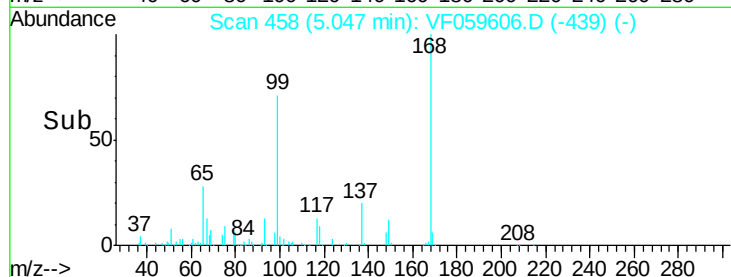
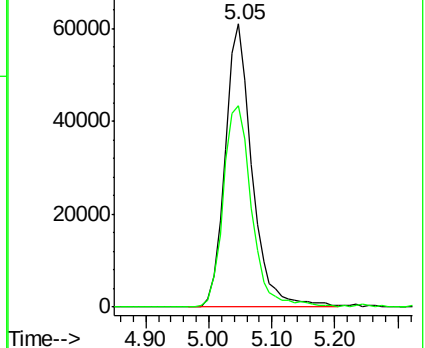
168 100

99 71.1 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 4.49 ug/l

RT: 2.28 min Scan# 177

Delta R.T. -0.07 min

Lab File: VF059606.D

Acq: 21 Jul 2018 2:55

Tgt Ion: 84 Resp: 10965

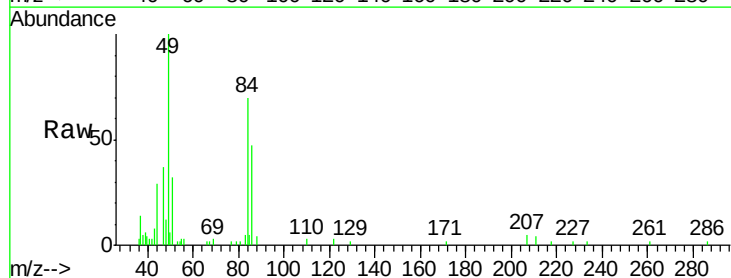
Ion Ratio Lower Upper

84 100

49 143.0 109.4 164.2

51 46.3 30.5 45.7#

86 67.8 47.6 71.4

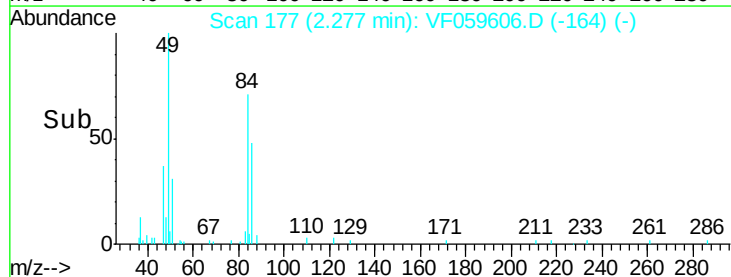
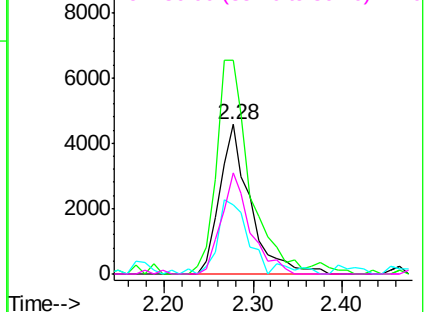


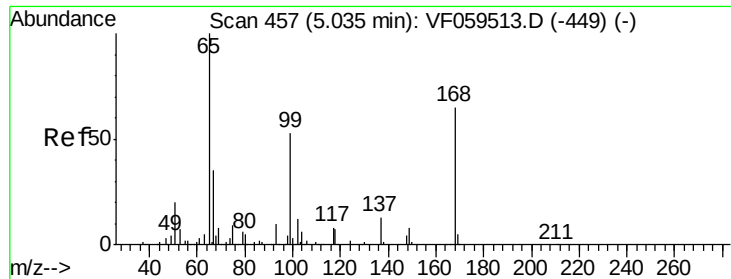
Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

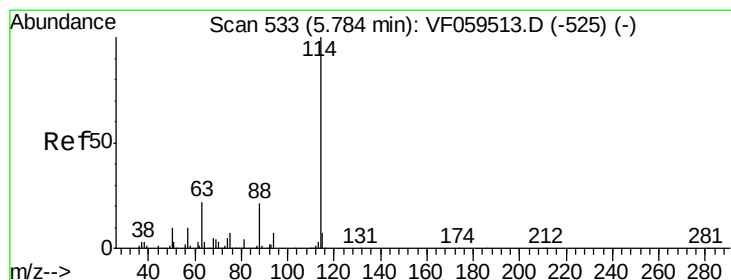
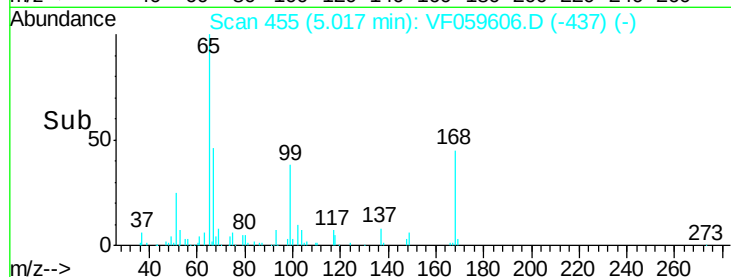
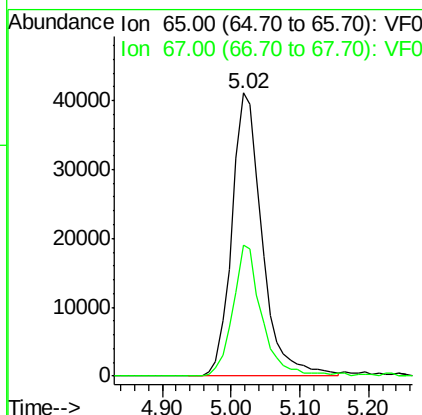
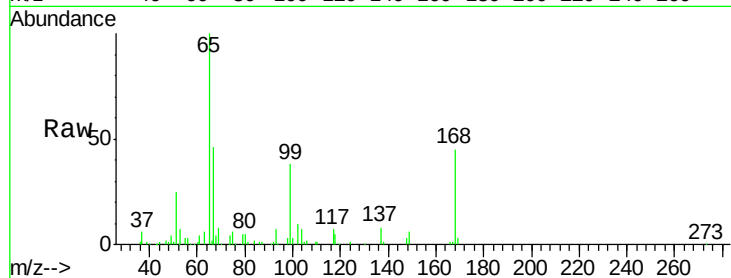




#33
 1,2-Dichloroethane-d4
 Concen: 44.54 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: VF059606.D
 Acq: 21 Jul 2018 2:55

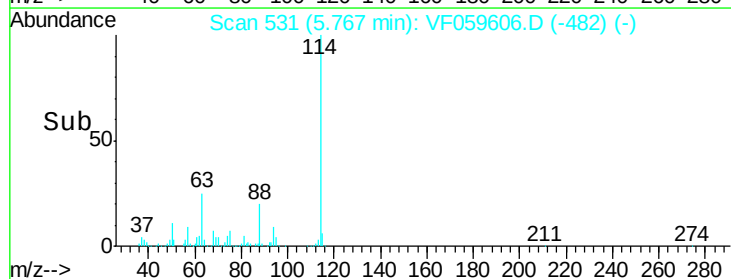
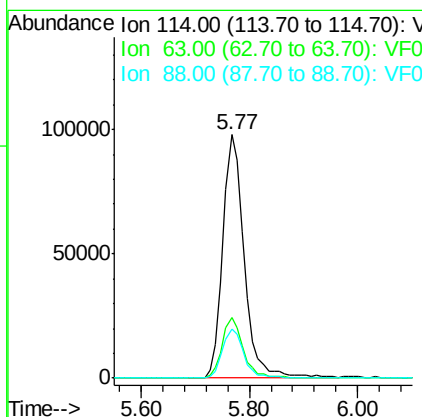
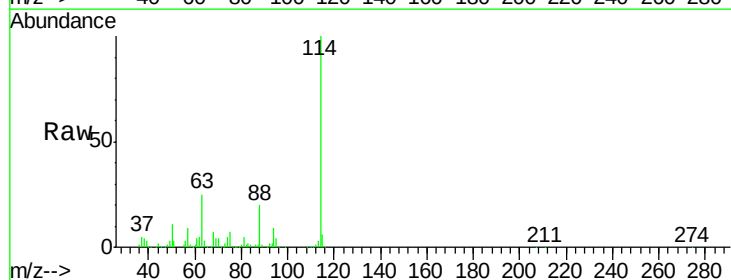
Instrument :
 MSVOA_F
 ClientSampleId :
 BU-01-071918

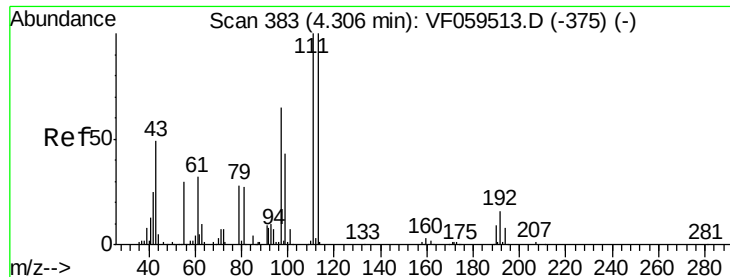
Tot Ion: 65 Resp: 124951
 Ion Ratio Lower Upper
 65 100
 67 46.4 0.0 91.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VF059606.D
 Acq: 21 Jul 2018 2:55

Tgt Ion: 114 Resp: 269282
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 44.8
 88 20.3 0.0 42.6

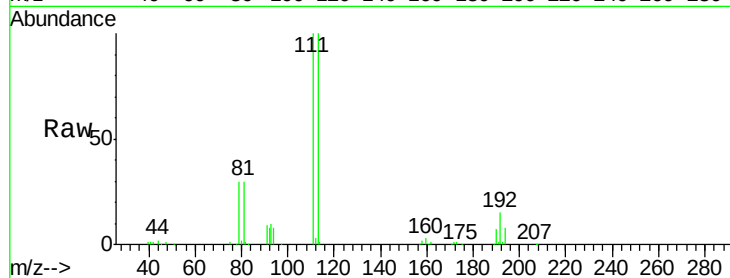




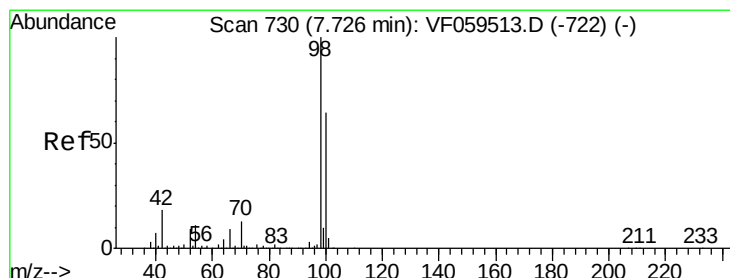
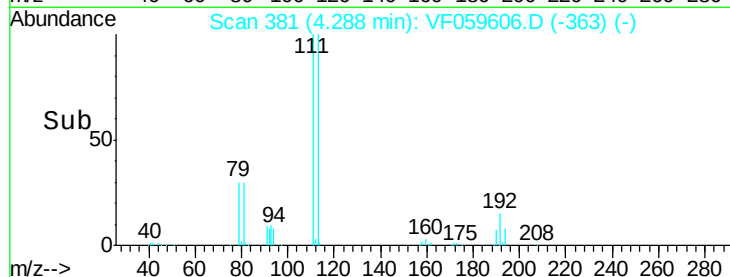
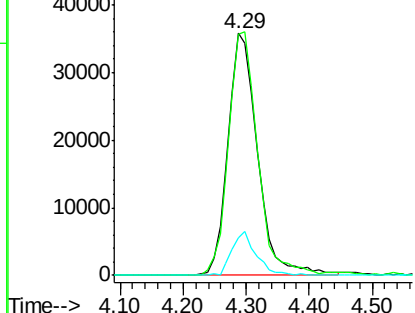
#35
 Dibromofluoromethane
 Concen: 49.89 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.02 min
 Lab File: VF059606.D
 Acq: 21 Jul 2018 2:55

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-01-071918

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.9	80.3	120.5
192	15.3	13.1	19.7

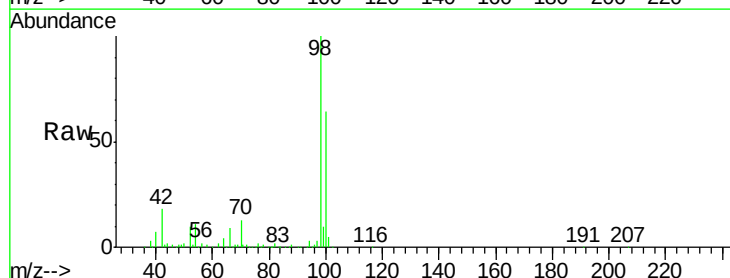


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

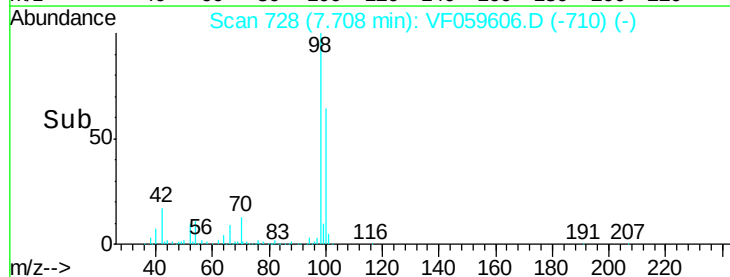
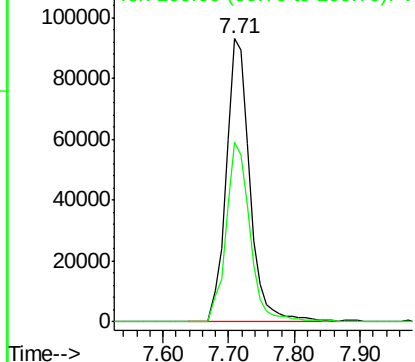


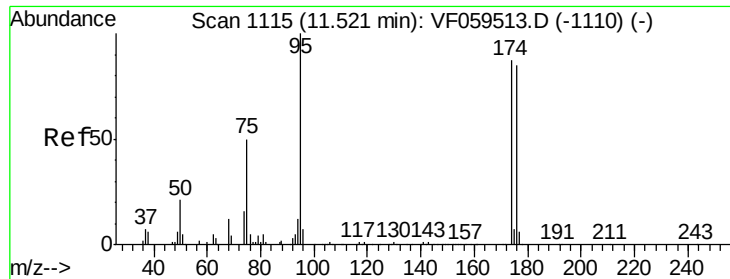
#50
 Toluene-d8
 Concen: 39.97 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. -0.02 min
 Lab File: VF059606.D
 Acq: 21 Jul 2018 2:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF0

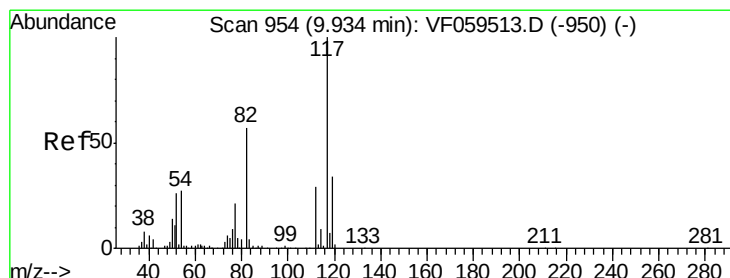
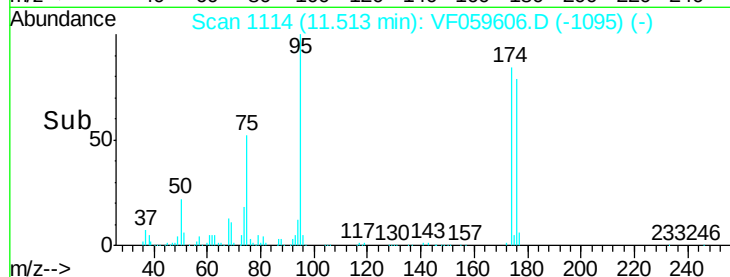
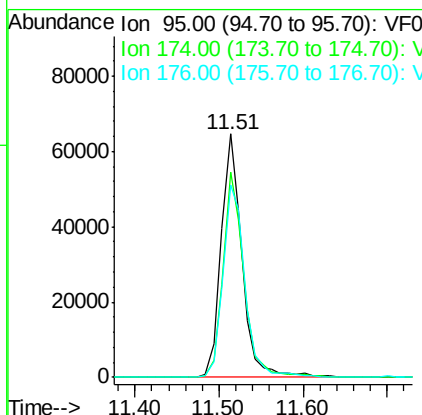
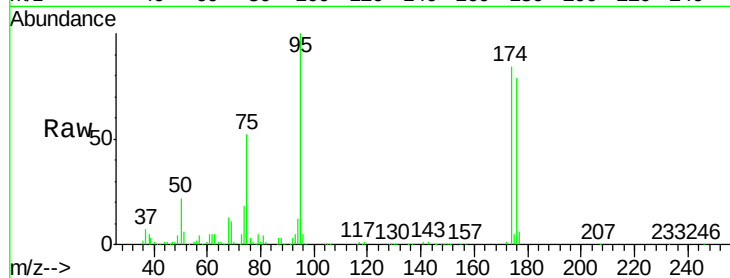




#62
4-Bromofluorobenzene
Concen: 36.23 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF059606.D
Acq: 21 Jul 2018 2:55

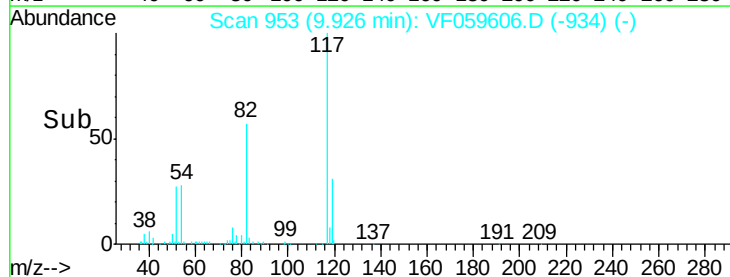
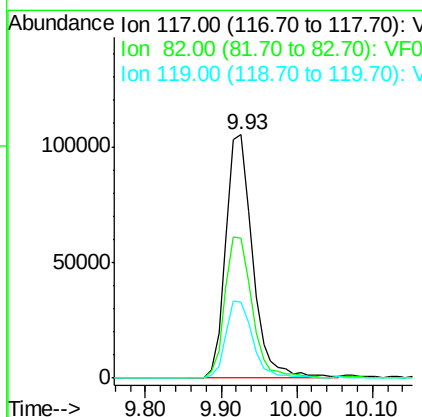
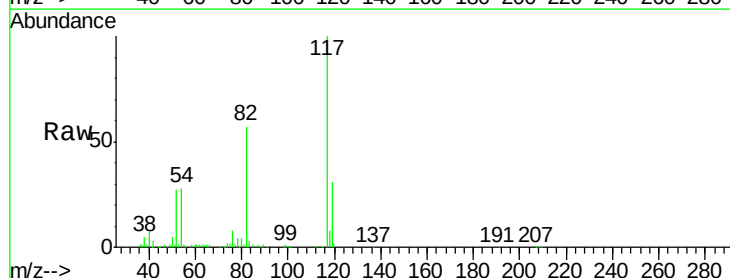
Instrument :
MSVOA_F
ClientSampleId :
BU-01-071918

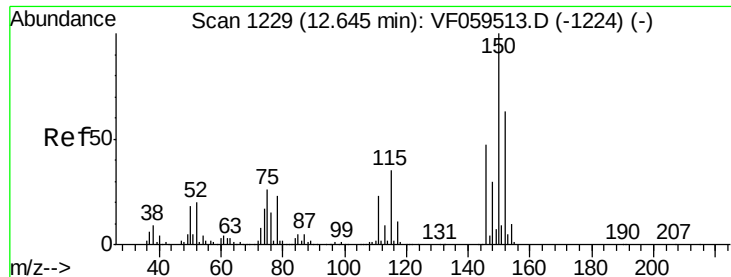
Tot Ion: 95 Resp: 111668
Ion Ratio Lower Upper
95 100
174 84.1 0.0 174.4
176 79.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF059606.D
Acq: 21 Jul 2018 2:55

Tgt Ion: 117 Resp: 258971
Ion Ratio Lower Upper
117 100
82 57.3 46.1 69.1
119 31.0 27.2 40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF059606.D

Acq: 21 Jul 2018 2:55

Instrument :

MSVOA_F

ClientSampleId :

BU-01-071918

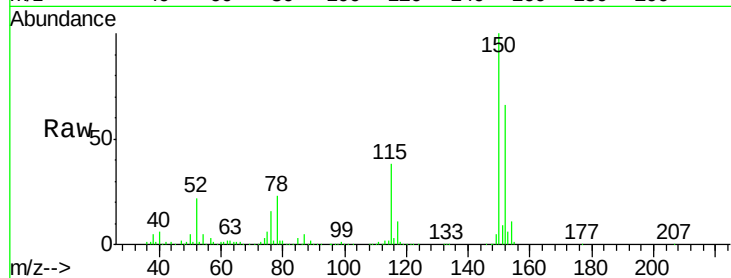
Tot Ion:152 Resp: 136463

Ion Ratio Lower Upper

152 100

115 58.0 27.8 83.3

150 150.8 0.0 318.4



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

