

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060117.D
 Acq On : 24 Aug 2018 23:13
 Operator : VA/AP
 Sample : J4629-02
 Misc : 10.61g/5mL/MSVOA F/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-038

Quant Time: Aug 25 05:45:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

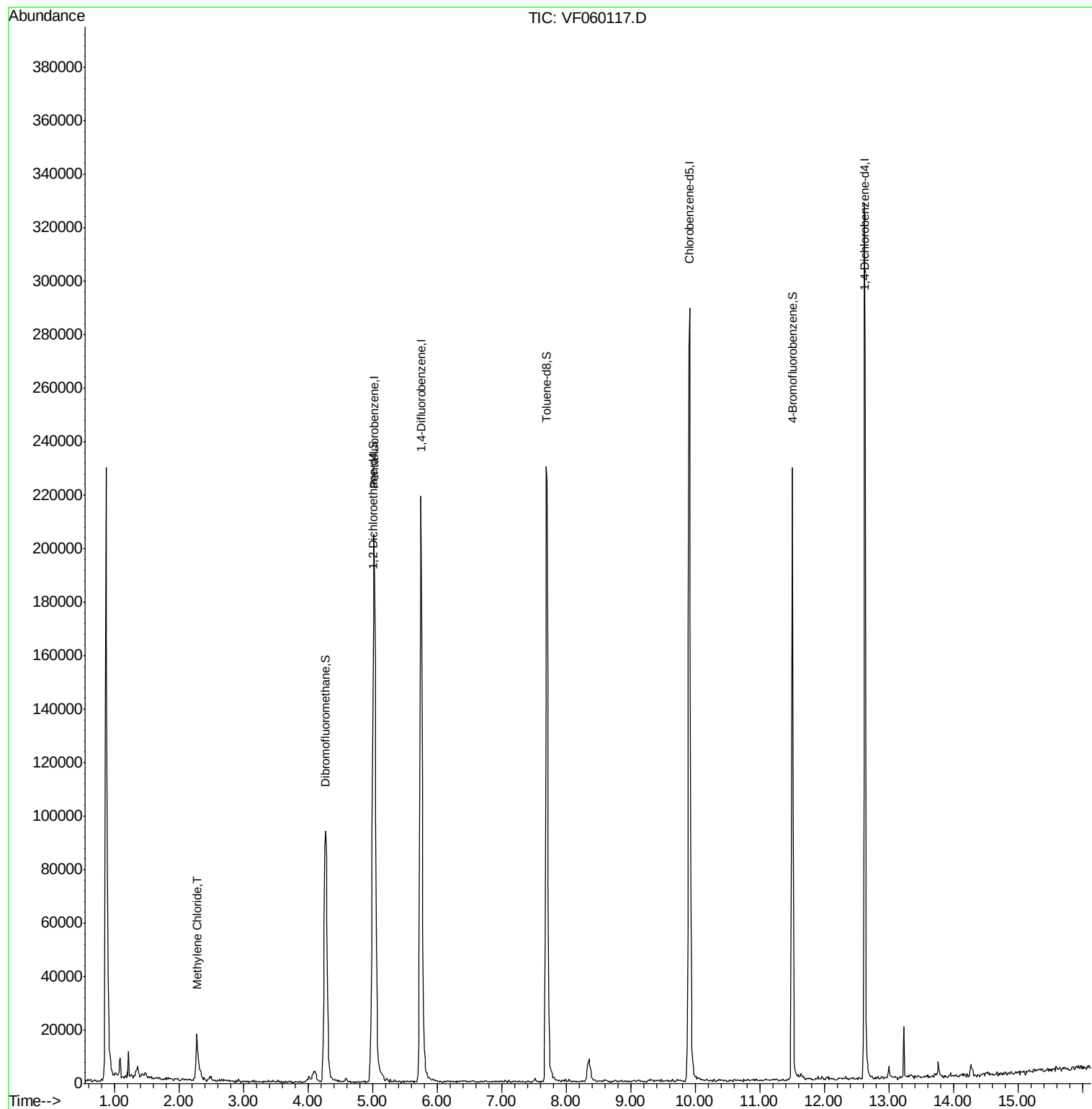
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	161459	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	230639	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	206575	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	81036	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	85485	38.69	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	77.38%	
35) Dibromofluoromethane	4.27	113	88221	48.71	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	7.70	98	197952	38.49	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.98%	
62) 4-Bromofluorobenzene	11.50	95	78066	28.69	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	57.38%	
Target Compounds						
20) Methylene Chloride	2.28	84	9728	3.77	ug/l	# 68

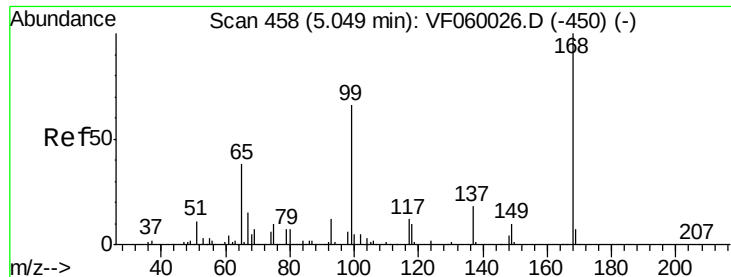
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF060117.D

Acq: 24 Aug 2018 23:13

Instrument :

MSVOA_F

ClientSampleId :

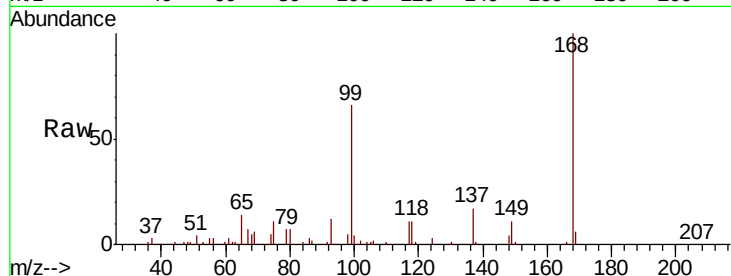
FK-PS-01-038

Tot Ion:168 Resp: 161459

Ion Ratio Lower Upper

168 100

99 65.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

60000

50000

40000

30000

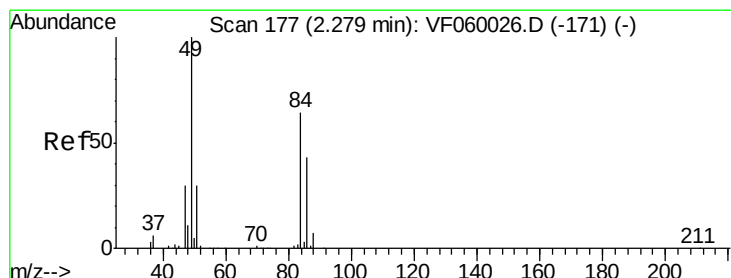
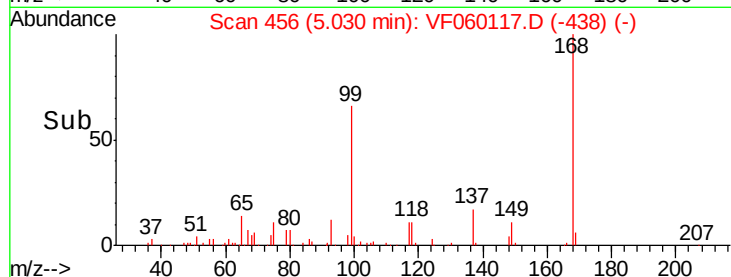
20000

10000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#20

Methylene Chloride

Concen: 3.77 ug/l

RT: 2.28 min Scan# 177

Delta R.T. 0.00 min

Lab File: VF060117.D

Acq: 24 Aug 2018 23:13

Tgt Ion: 84 Resp: 9728

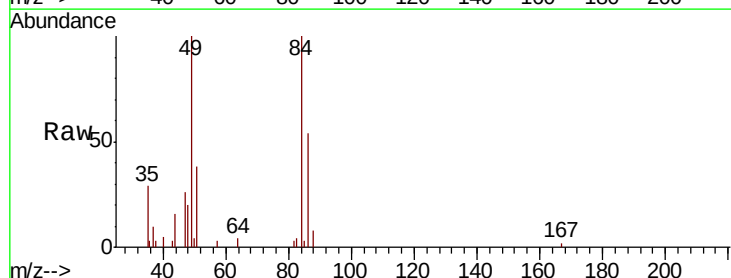
Ion Ratio Lower Upper

84 100

49 100.0 125.4 188.0#

51 37.8 38.3 57.5#

86 53.6 53.3 79.9



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

6000

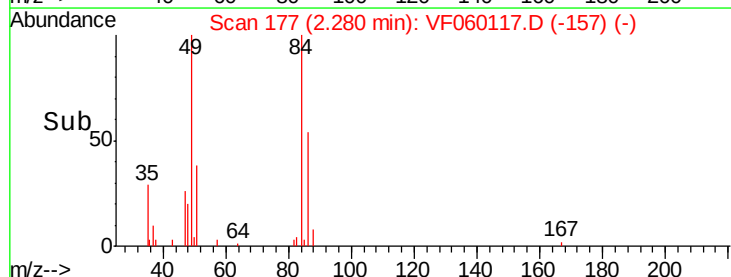
4000

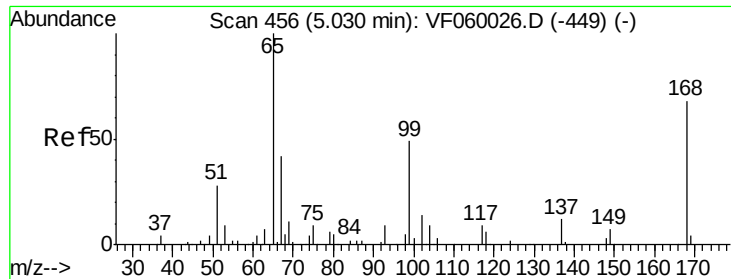
2000

0

Time-->

2.20 2.30 2.40

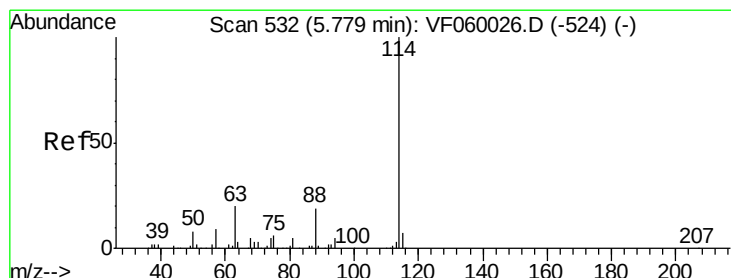
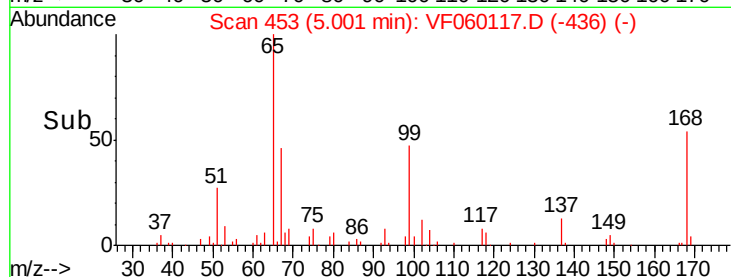
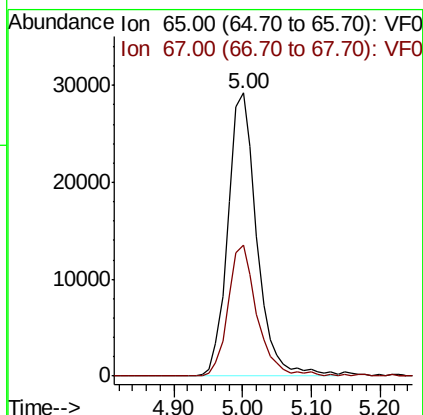
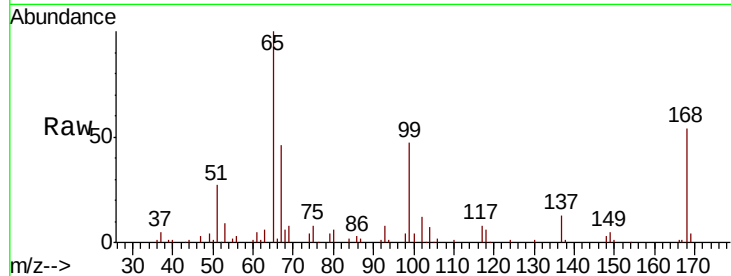




#33
 1,2-Dichloroethane-d4
 Concen: 38.69 ug/l
 RT: 5.00 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: VF060117.D
 Acq: 24 Aug 2018 23:13

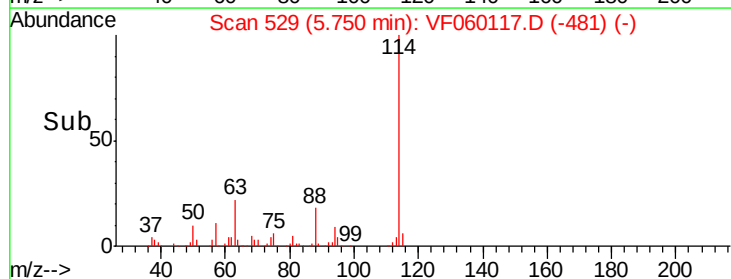
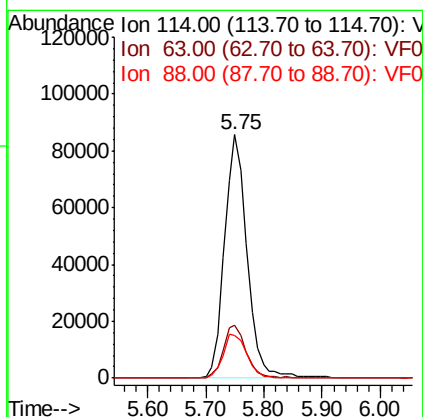
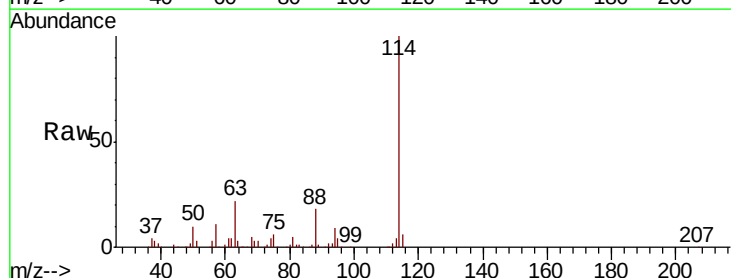
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-038

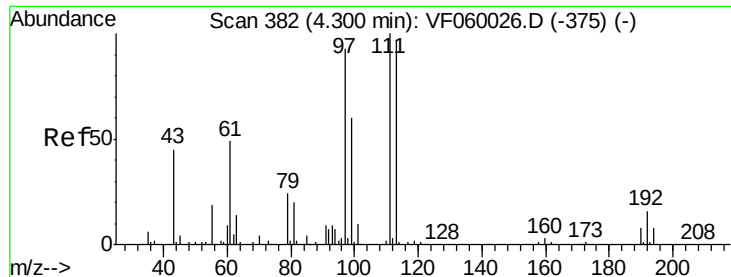
Tot Ion: 65 Resp: 85485
 Ion Ratio Lower Upper
 65 100
 67 46.1 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VF060117.D
 Acq: 24 Aug 2018 23:13

Tgt Ion: 114 Resp: 230639
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 40.4
 88 17.5 0.0 38.6

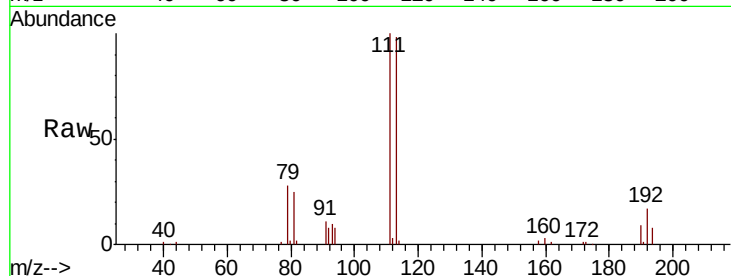




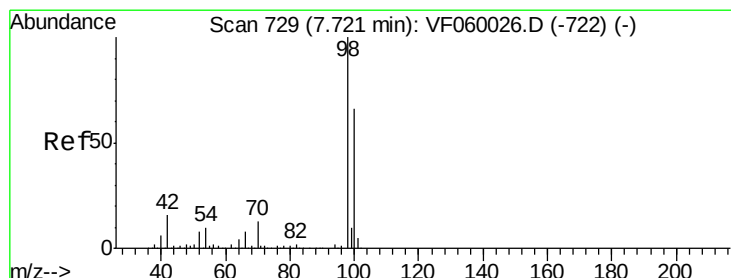
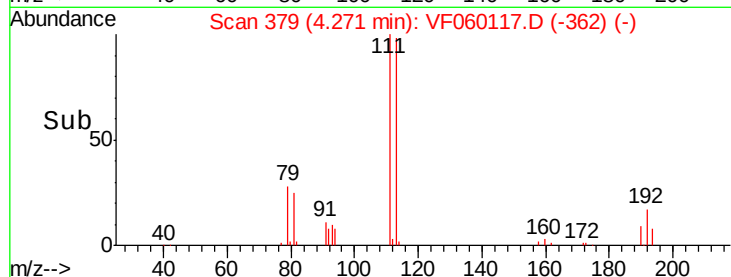
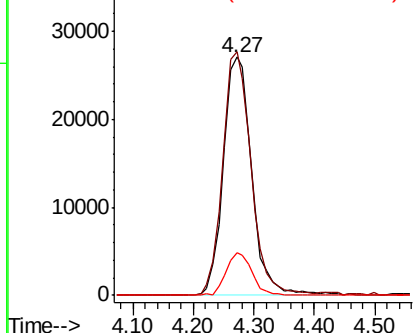
#35
 Dibromofluoromethane
 Concen: 48.71 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. -0.03 min
 Lab File: VF060117.D
 Acq: 24 Aug 2018 23:13

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-038

Tot Ion:113 Resp: 88221
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.7 124.1
 192 17.7 13.0 19.4

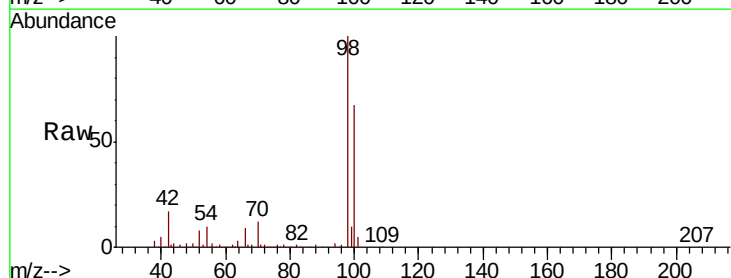


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

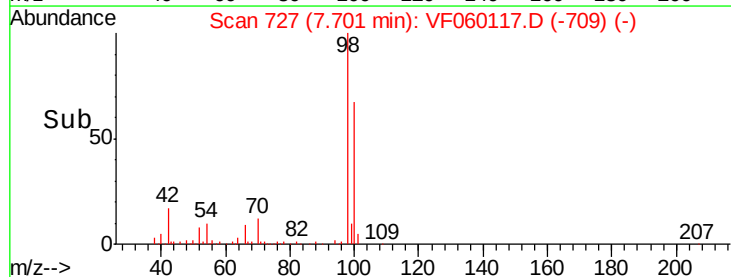
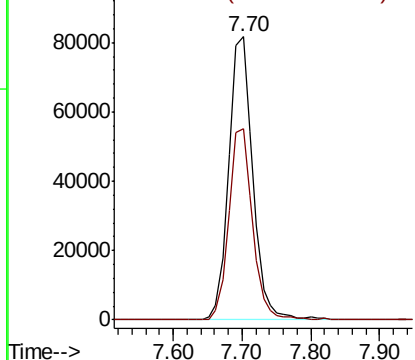


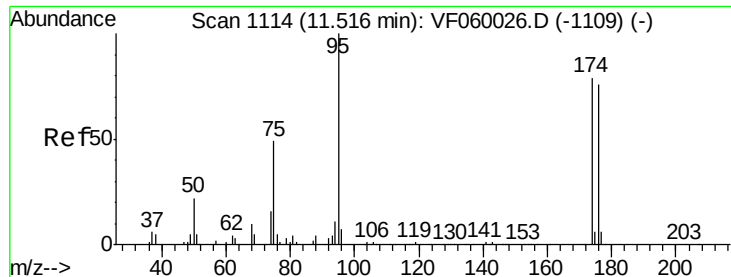
#50
 Toluene-d8
 Concen: 38.49 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: VF060117.D
 Acq: 24 Aug 2018 23:13

Tgt Ion: 98 Resp: 197952
 Ion Ratio Lower Upper
 98 100
 100 67.4 53.2 79.8



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

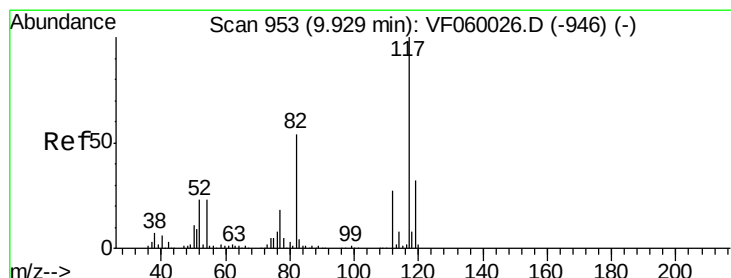
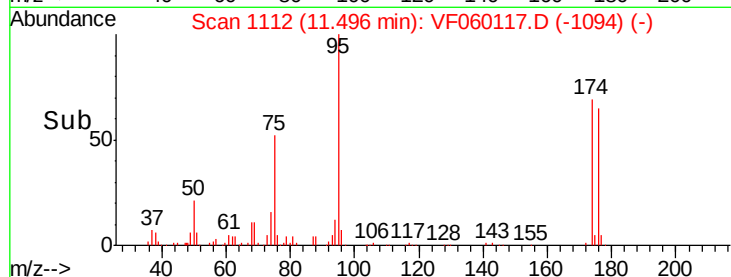
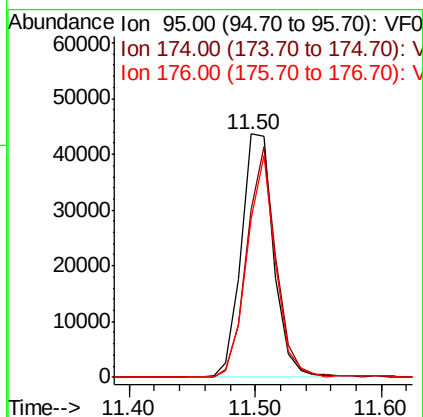
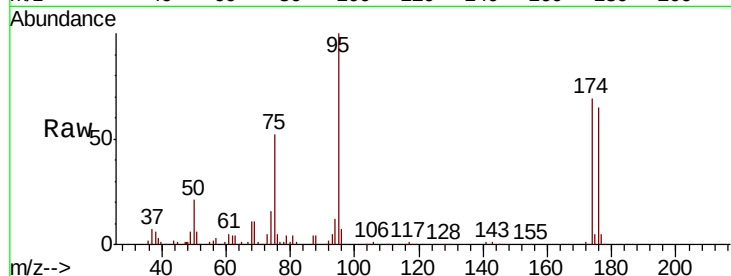




#62
4-Bromofluorobenzene
Concen: 28.69 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF060117.D
Acq: 24 Aug 2018 23:13

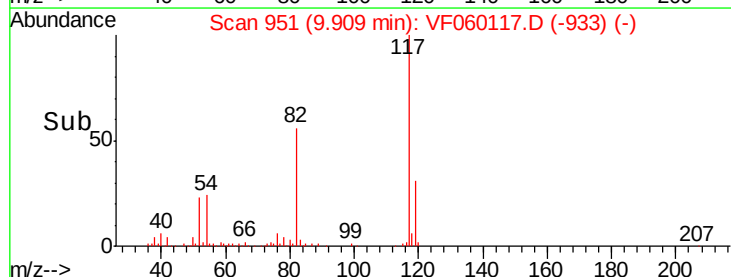
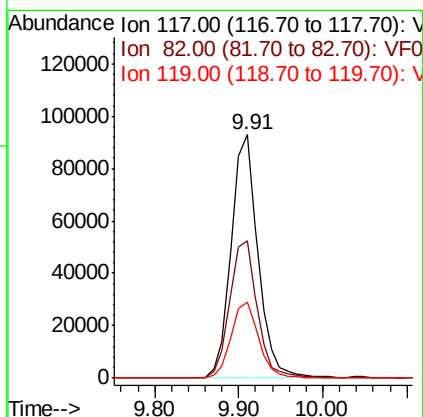
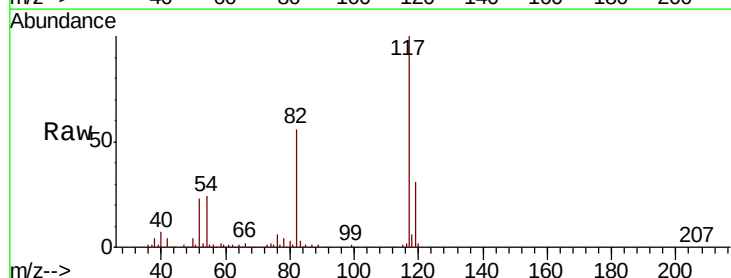
Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-038

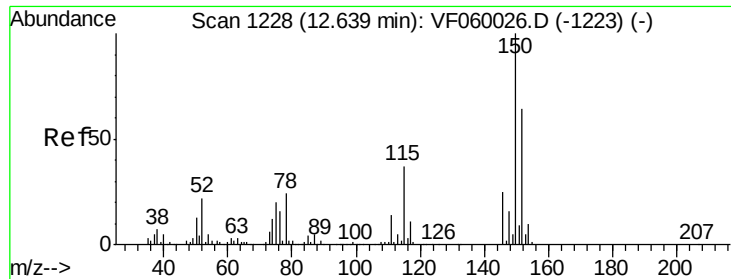
Tot Ion	Ratio	Lower	Upper
95	100		
174	68.9	0.0	158.4
176	65.4	0.0	153.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060117.D
Acq: 24 Aug 2018 23:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.6	65.4
119	31.2	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.62 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: VF060117.D
 Acq: 24 Aug 2018 23:13

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-038

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.2	28.6	85.9
150	156.9	0.0	312.0

