

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082818\
 Data File : VF060153.D
 Acq On : 28 Aug 2018 16:45
 Operator : VA/AP
 Sample : J4646-03RE
 Misc : 5.46g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-A7RE

Quant Time: Aug 29 01:35:55 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

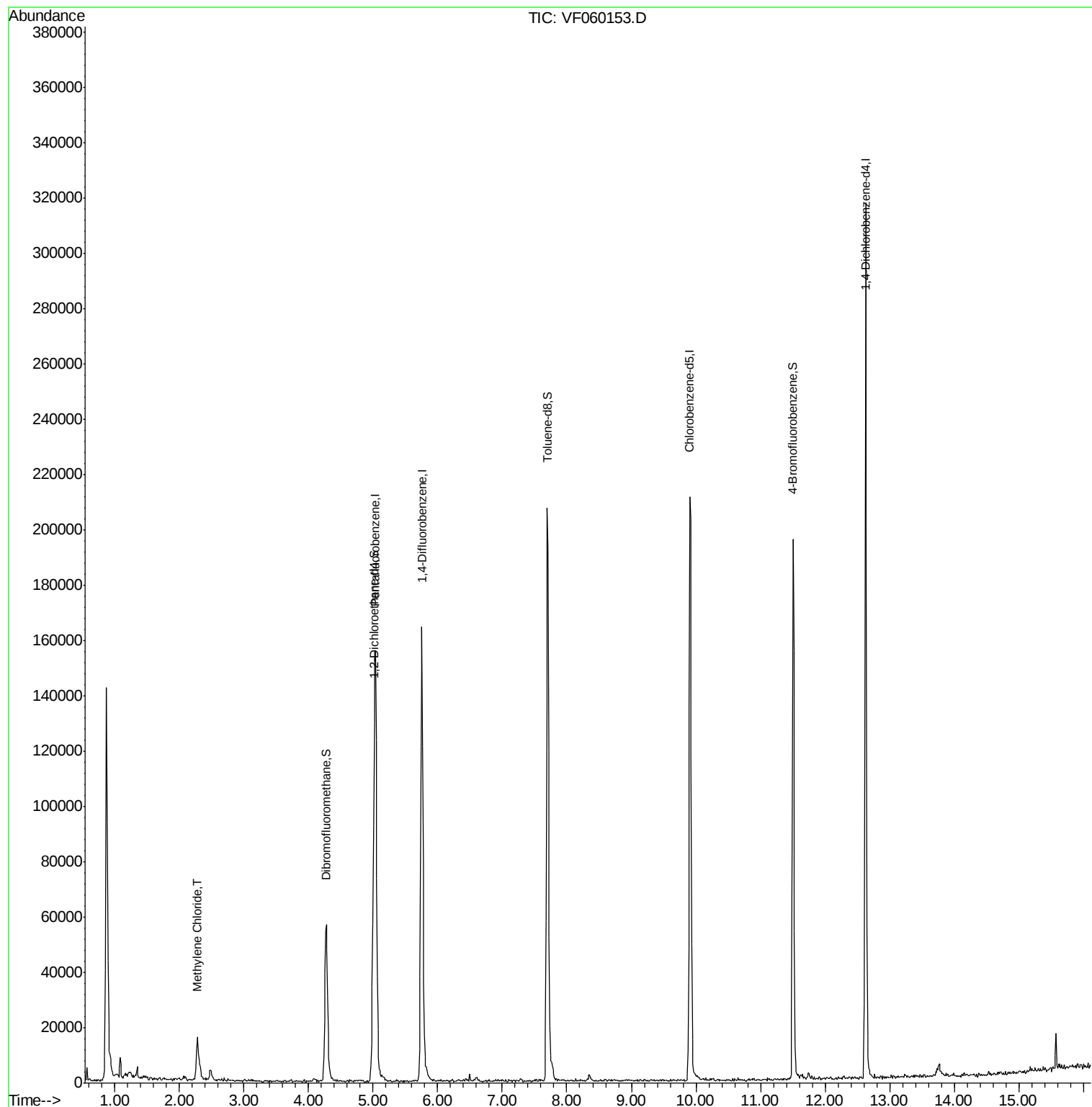
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	132231	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	168130	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	148445	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	77917	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	45771	25.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	50.58%	
35) Dibromofluoromethane	4.28	113	53438	40.48	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	80.96%	
50) Toluene-d8	7.70	98	167939	44.79	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	89.58%	
62) 4-Bromofluorobenzene	11.50	95	66283	33.42	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	66.84%	
Target Compounds						
20) Methylene Chloride	2.28	84	8873	4.84	ug/l	Qvalue 93

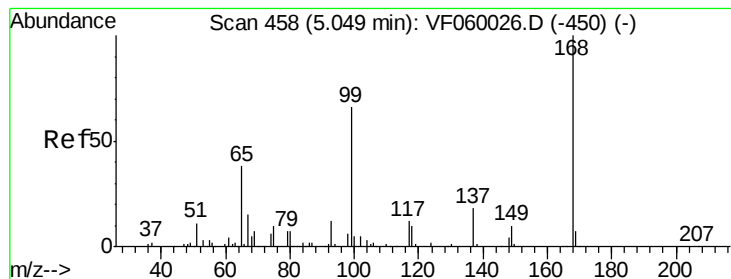
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060153.D

Acq: 28 Aug 2018 16:45

Instrument :

MSVOA_F

ClientSampleId :

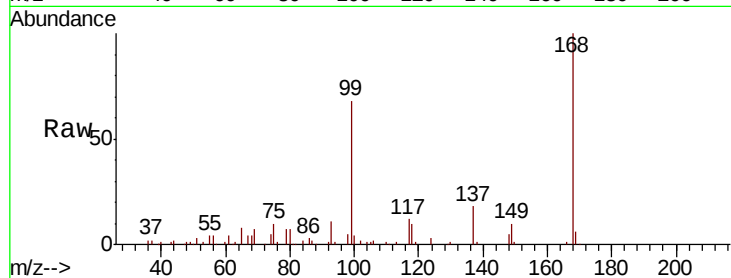
EP1-Q4-A7RE

Tot Ion:168 Resp: 132231

Ion Ratio Lower Upper

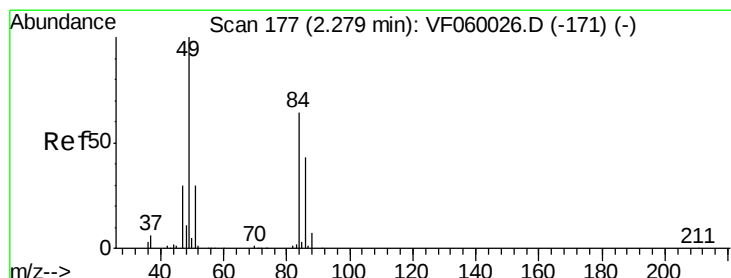
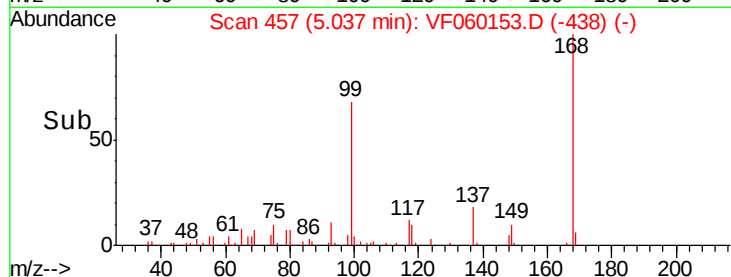
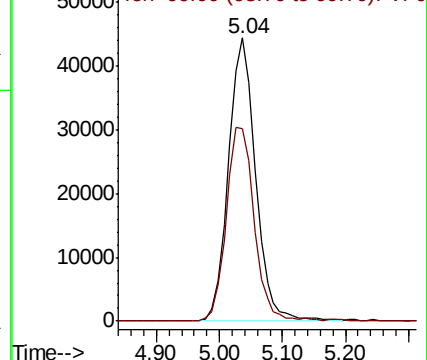
168 100

99 68.1 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 4.84 ug/l

RT: 2.28 min Scan# 177

Delta R.T. -0.00 min

Lab File: VF060153.D

Acq: 28 Aug 2018 16:45

Tgt Ion: 84 Resp: 8873

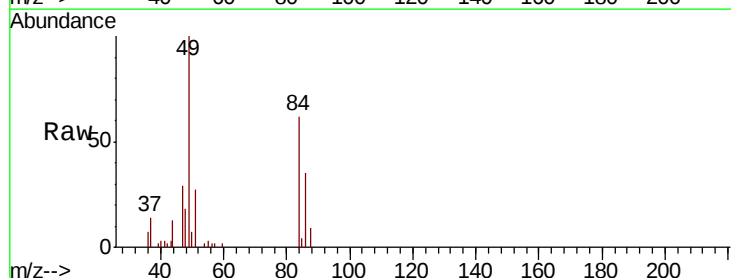
Ion Ratio Lower Upper

84 100

49 162.2 125.4 188.0

51 43.3 38.3 57.5

86 56.6 53.3 79.9

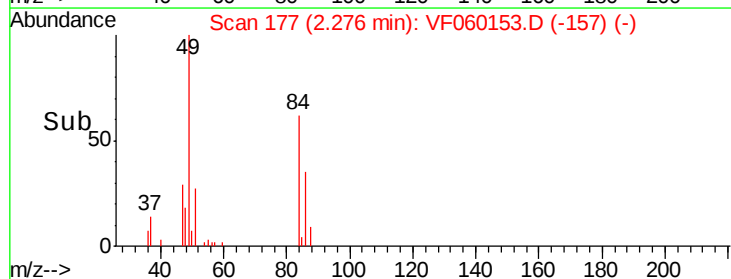
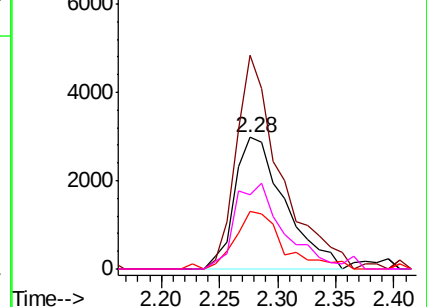


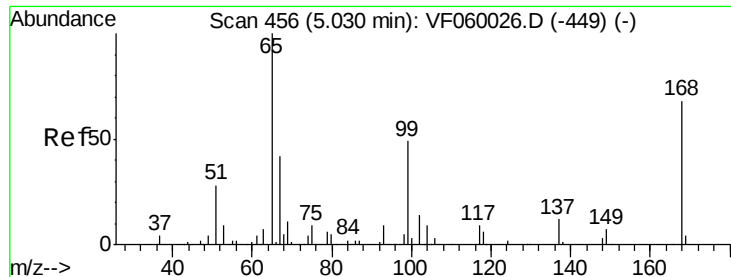
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





#33

1,2-Dichloroethane-d4

Concen: 25.29 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF060153.D

Acq: 28 Aug 2018 16:45

Instrument :

MSVOA_F

ClientSampleId :

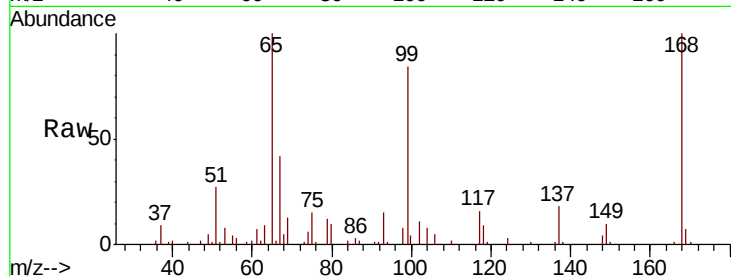
EP1-Q4-A7RE

Tot Ion: 65 Resp: 45771

Ion Ratio Lower Upper

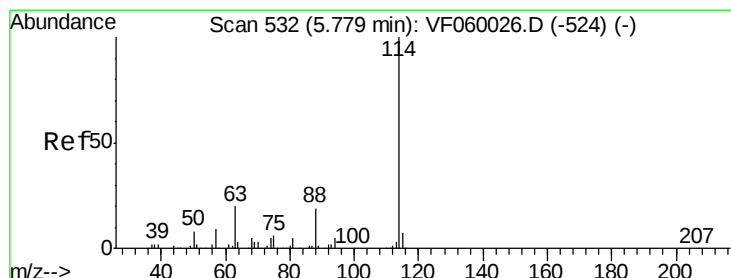
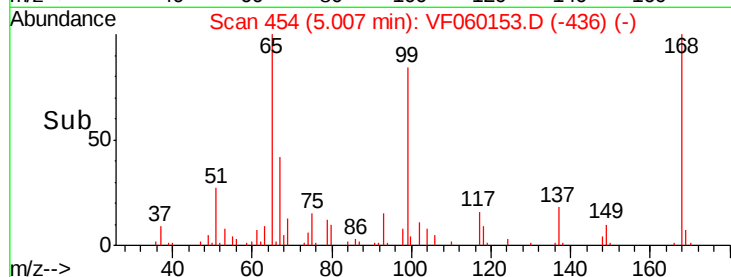
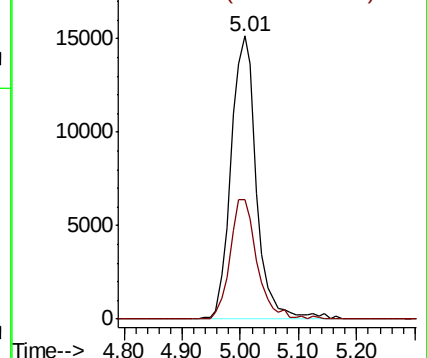
65 100

67 42.3 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF060153.D

Acq: 28 Aug 2018 16:45

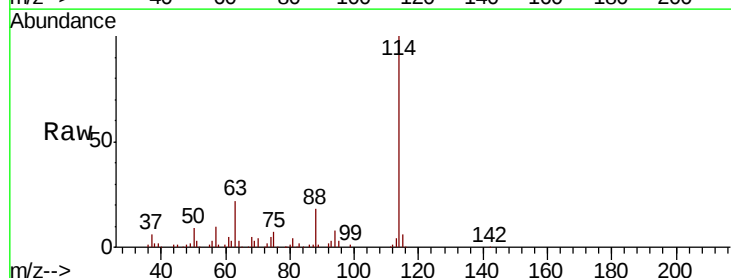
Tgt Ion: 114 Resp: 168130

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.4

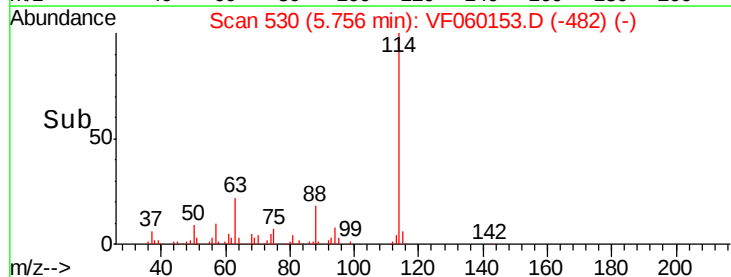
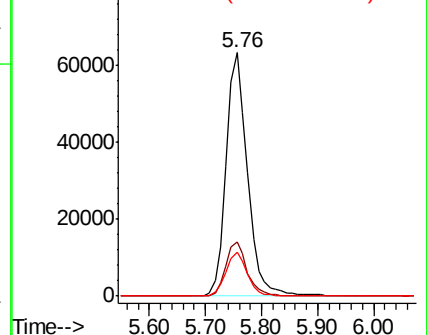
88 18.1 0.0 38.6

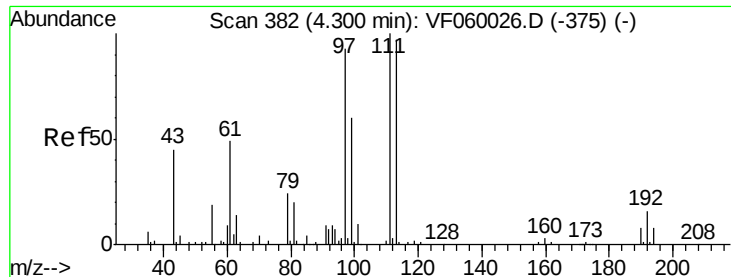


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

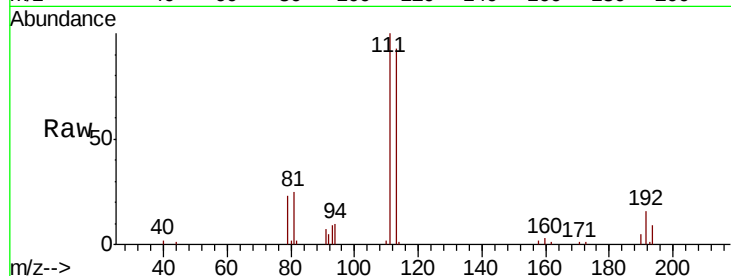




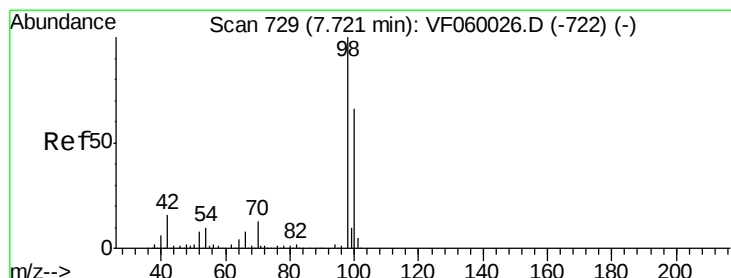
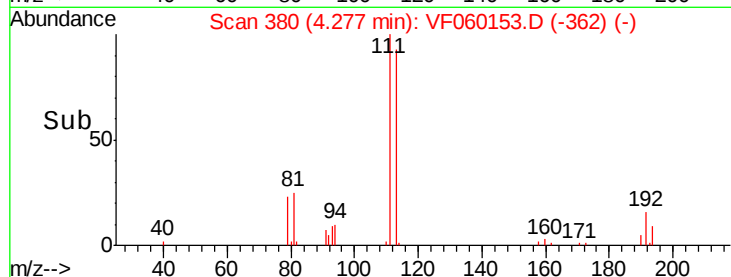
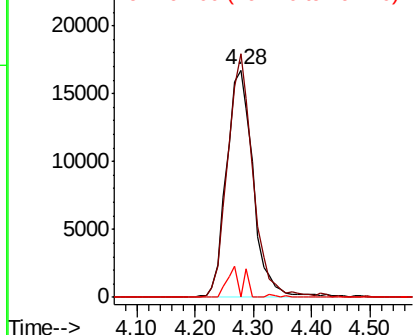
#35
 Dibromofluoromethane
 Concen: 40.48 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VF060153.D
 Acq: 28 Aug 2018 16:45

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-A7RE

Tot Ion:113 Resp: 53438
 Ion Ratio Lower Upper
 113 100
 111 107.3 82.7 124.1
 192 0.0 13.0 19.4#

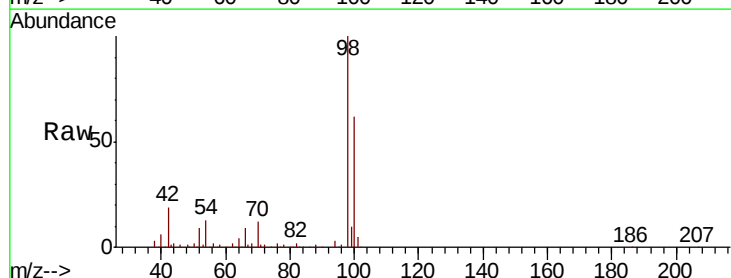


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

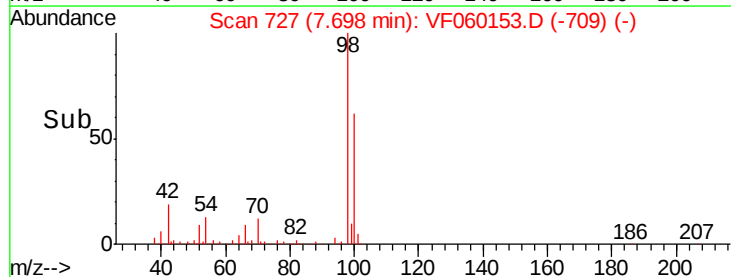
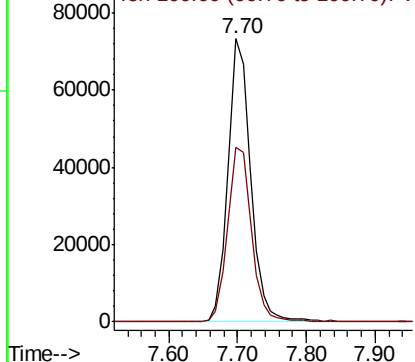


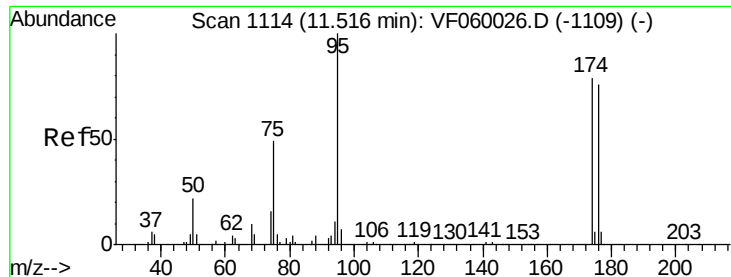
#50
 Toluene-d8
 Concen: 44.79 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: VF060153.D
 Acq: 28 Aug 2018 16:45

Tgt Ion: 98 Resp: 167939
 Ion Ratio Lower Upper
 98 100
 100 61.9 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: 33.42 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF060153.D

Acq: 28 Aug 2018 16:45

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-A7RE

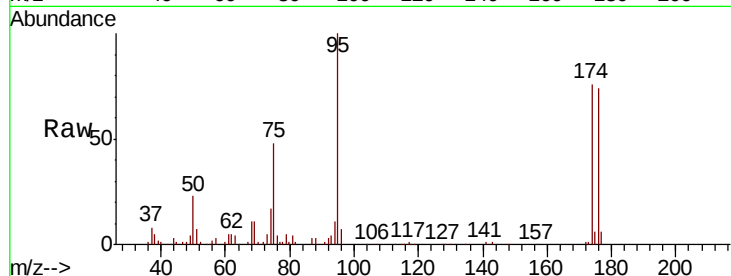
Tot Ion: 95 Resp: 66283

Ion Ratio Lower Upper

95 100

174 75.8 0.0 158.4

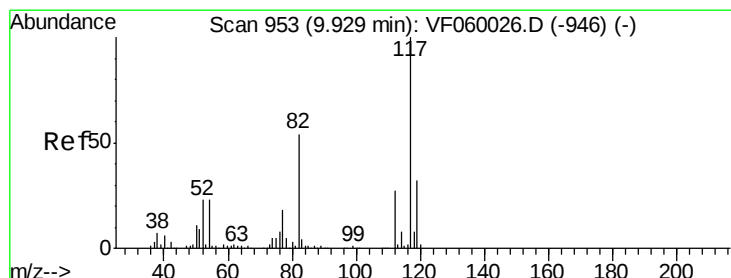
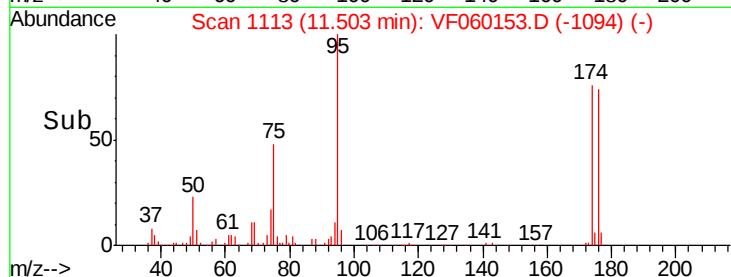
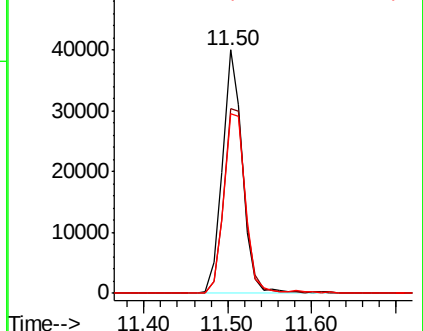
176 73.9 0.0 153.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.02 min

Lab File: VF060153.D

Acq: 28 Aug 2018 16:45

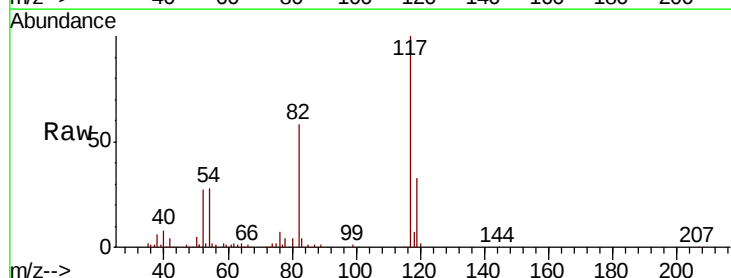
Tgt Ion: 117 Resp: 148445

Ion Ratio Lower Upper

117 100

82 57.8 43.6 65.4

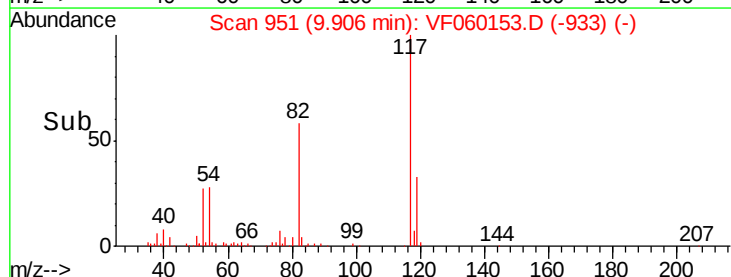
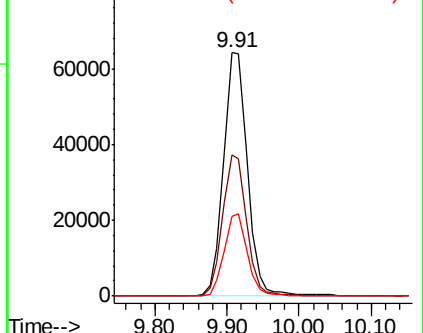
119 32.6 25.6 38.4

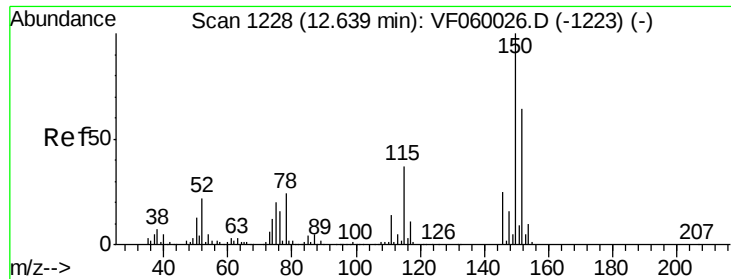


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF060153.D

Acq: 28 Aug 2018 16:45

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-A7RE

Tot Ion:152 Resp: 77917

Ion Ratio Lower Upper

152 100

115 58.5 28.6 85.9

150 150.9 0.0 312.0

