

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060070.D
 Acq On : 23 Aug 2018 23:07
 Operator : VA/AP
 Sample : J4581-14
 Misc : 5.99g/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-FD-01

Quant Time: Aug 24 04:08:56 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	5.05	168	152687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	262344	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	291372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	172941	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	147656	70.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.32%	
35) Dibromofluoromethane	4.29	113	133712	64.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.82%	
50) Toluene-d8	7.71	98	332251	56.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.58%	
62) 4-Bromofluorobenzene	11.51	95	175822	56.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.62%	

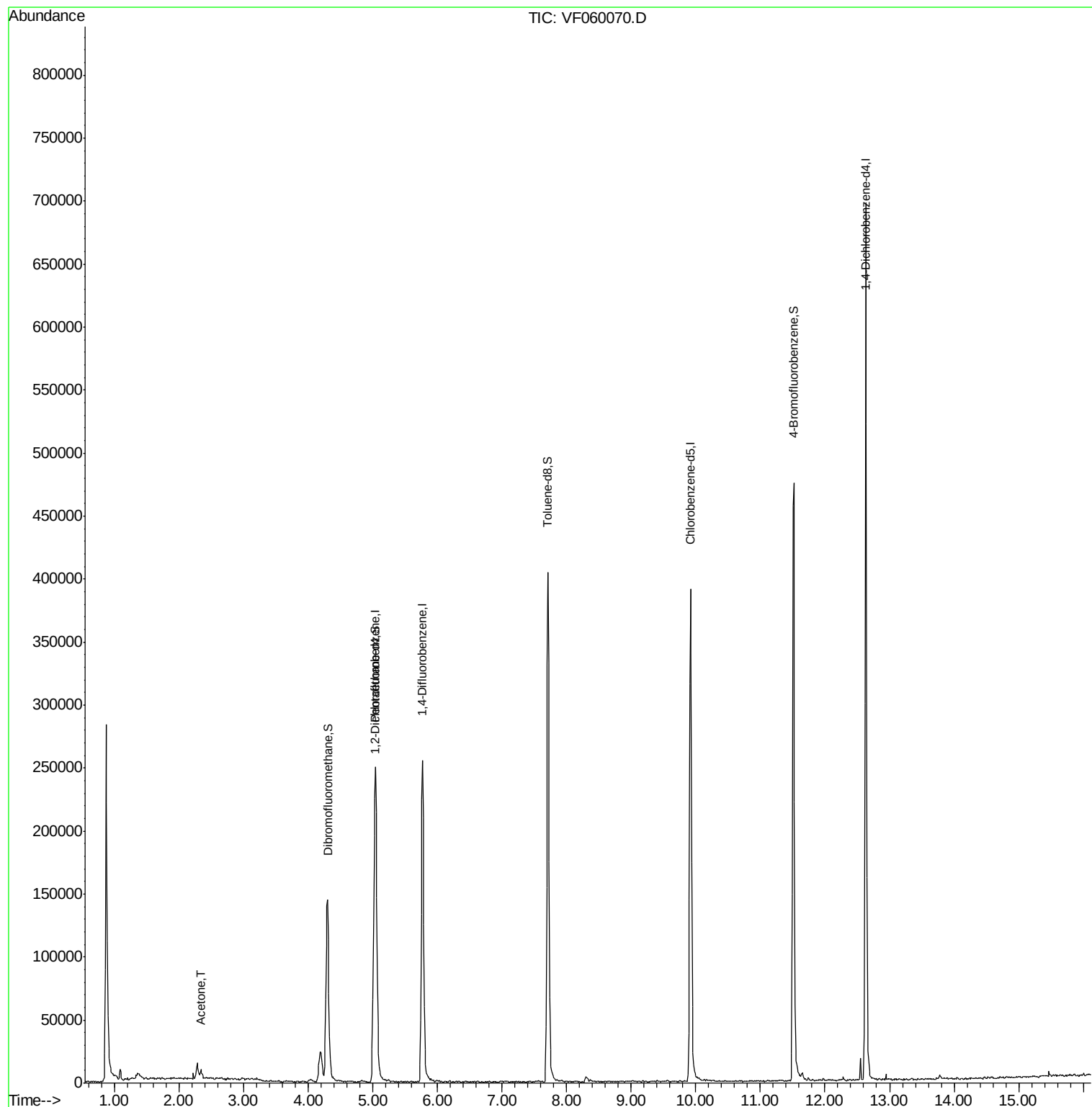
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	8821	16.06	ug/l	99

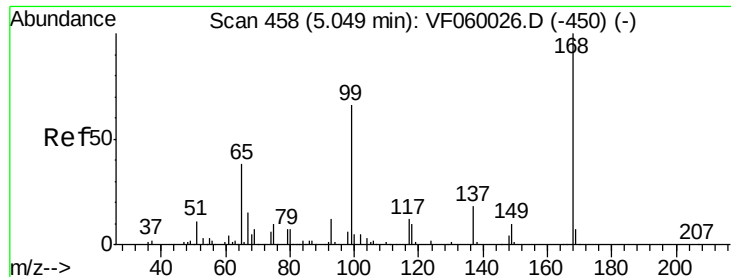
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF060070.D

Acq: 23 Aug 2018 23:07

Instrument :

MSVOA_F

ClientSampleId :

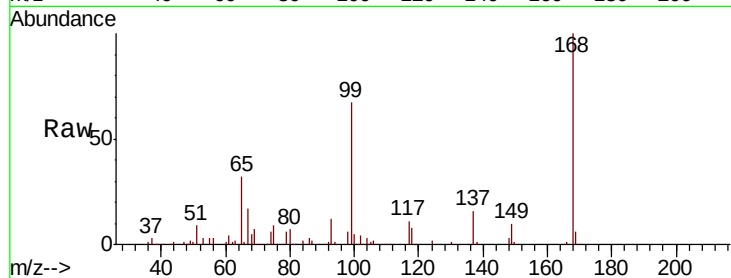
EP1-Q3-FD-01

Tot Ion:168 Resp: 152687

Ion Ratio Lower Upper

168 100

99 66.6 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

50000

40000

30000

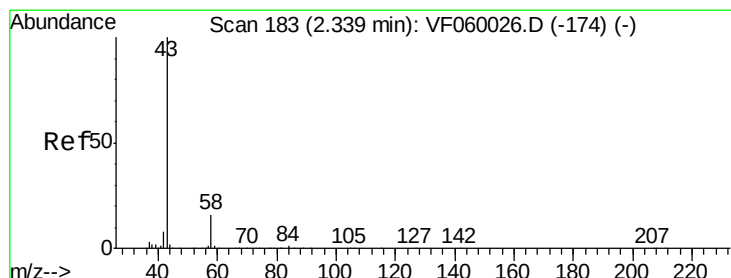
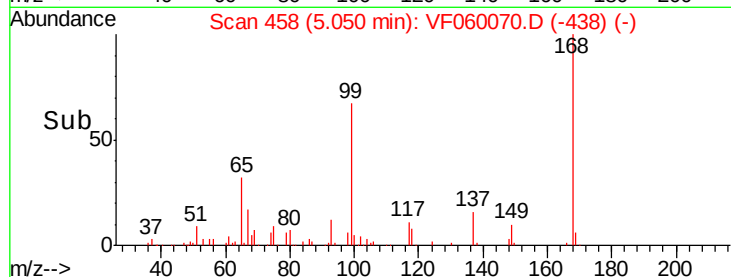
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 16.06 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF060070.D

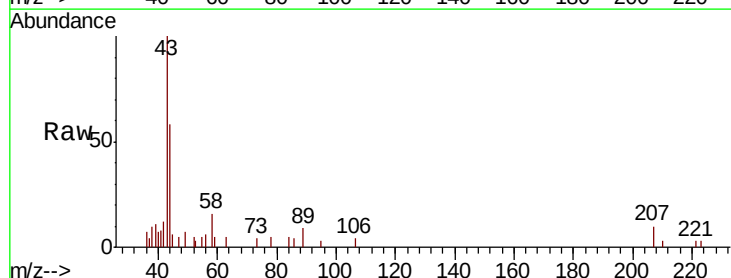
Acq: 23 Aug 2018 23:07

Tgt Ion: 43 Resp: 8821

Ion Ratio Lower Upper

43 100

58 16.2 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

4000

3000

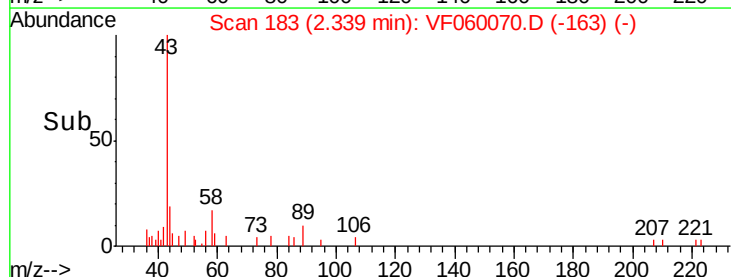
2000

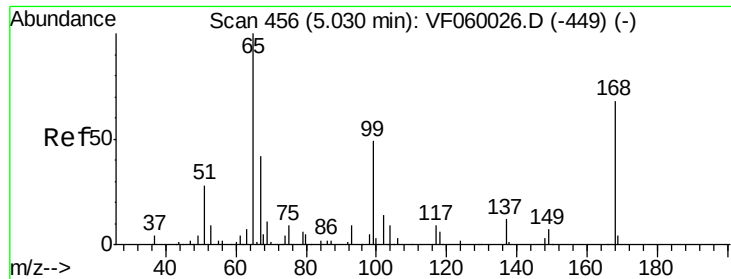
1000

0

Time-->

2.20 2.30 2.40

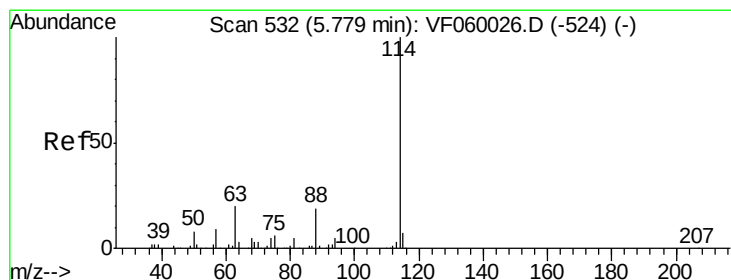
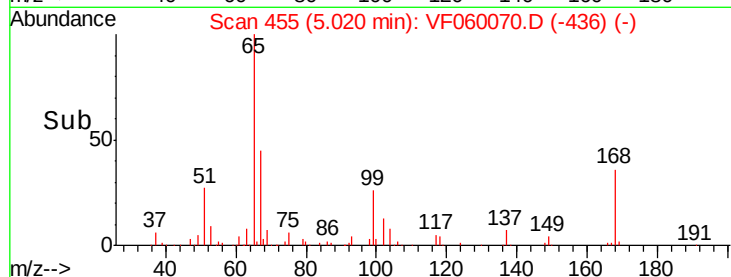
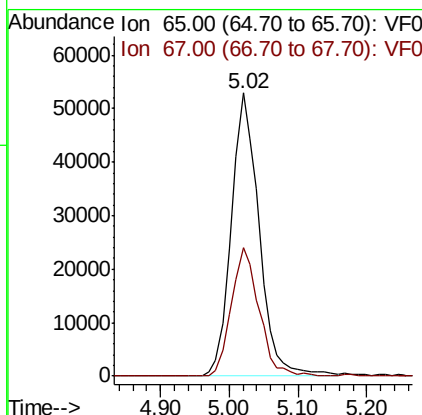
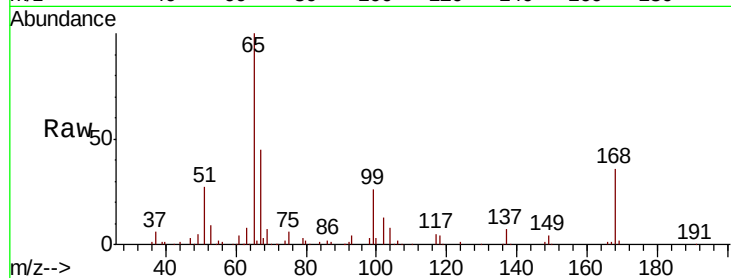




#33
 1,2-Dichloroethane-d4
 Concen: 70.66 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: VF060070.D
 Acq: 23 Aug 2018 23:07

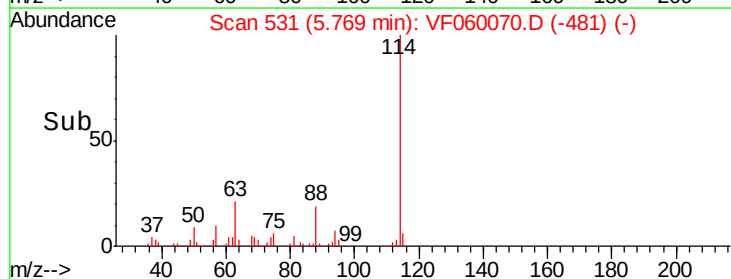
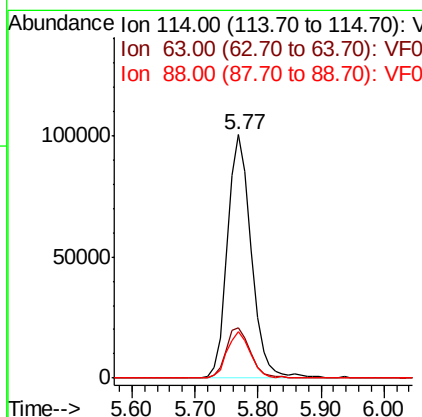
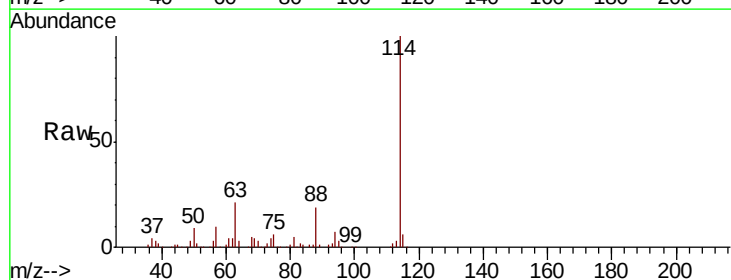
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-FD-01

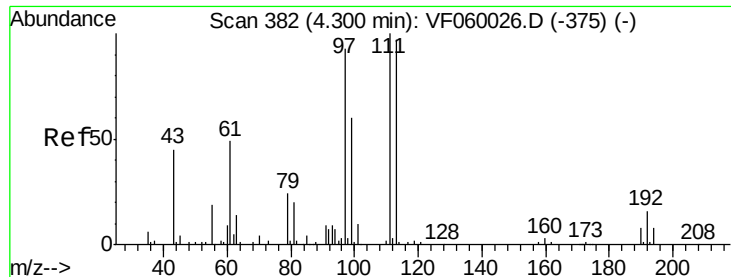
Tot Ion: 65 Resp: 147656
 Ion Ratio Lower Upper
 65 100
 67 45.4 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF060070.D
 Acq: 23 Aug 2018 23:07

Tgt Ion: 114 Resp: 262344
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 19.2 0.0 38.6

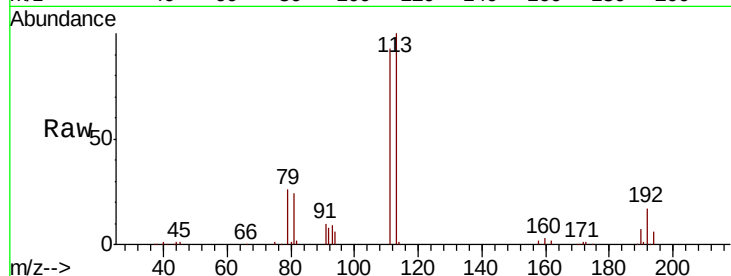




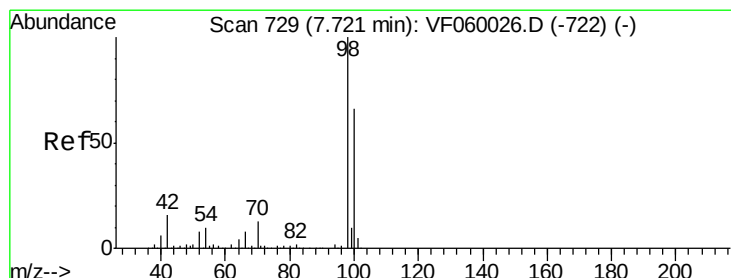
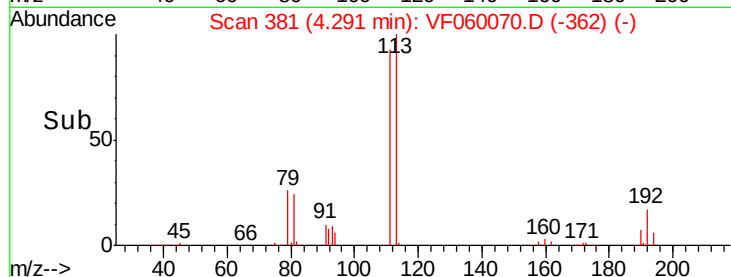
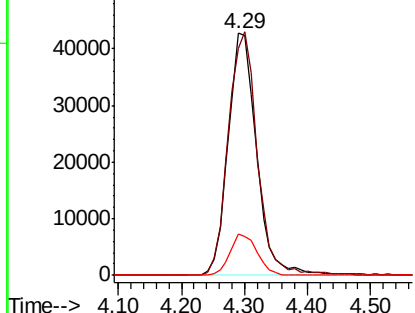
#35
 Dibromofluoromethane
 Concen: 64.91 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF060070.D
 Acq: 23 Aug 2018 23:07

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-FD-01

Tot Ion:113 Resp: 133712
 Ion Ratio Lower Upper
 113 100
 111 93.5 82.7 124.1
 192 17.2 13.0 19.4

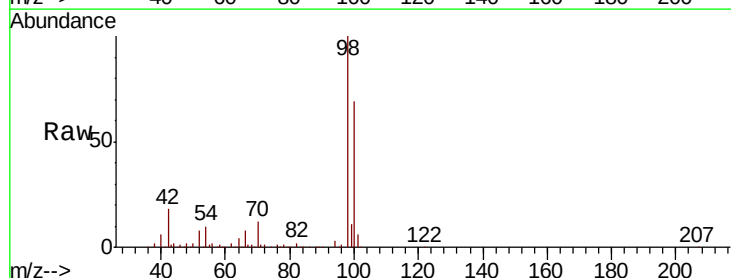


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

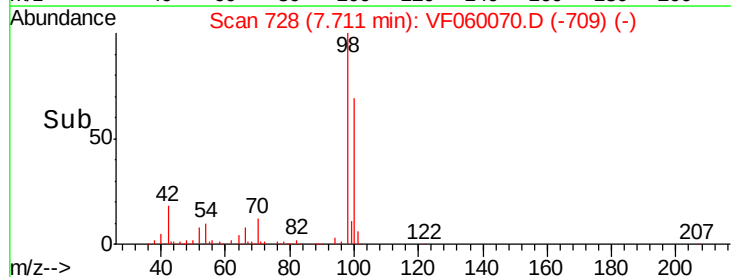
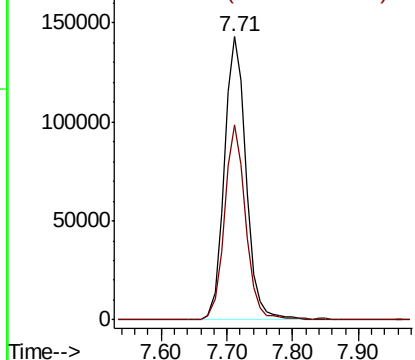


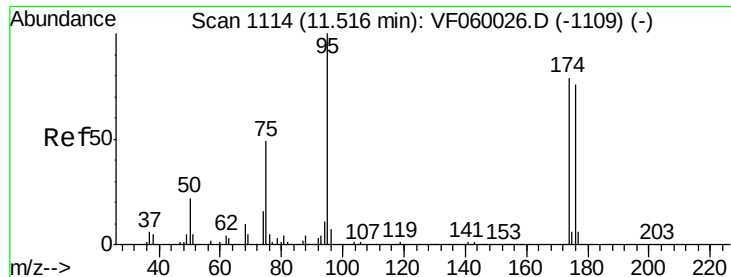
#50
 Toluene-d8
 Concen: 56.79 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VF060070.D
 Acq: 23 Aug 2018 23:07

Tgt Ion: 98 Resp: 332251
 Ion Ratio Lower Upper
 98 100
 100 68.8 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: 56.81 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF060070.D

Acq: 23 Aug 2018 23:07

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-FD-01

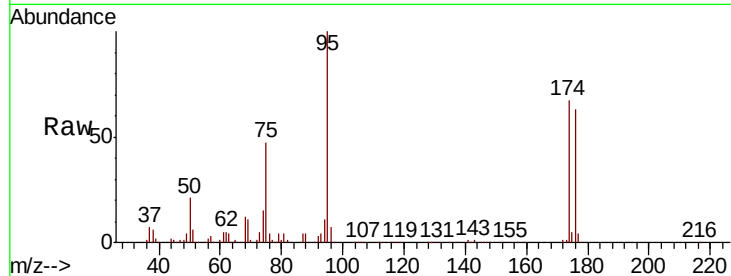
Tot Ion: 95 Resp: 175822

Ion Ratio Lower Upper

95 100

174 67.5 0.0 158.4

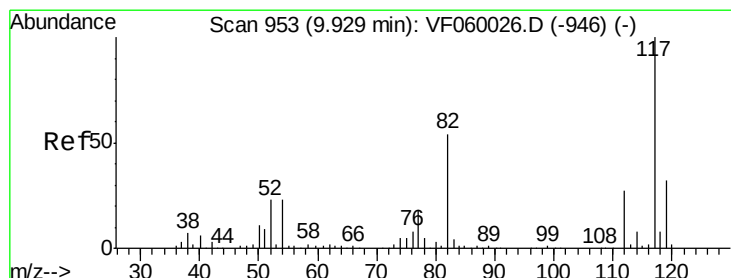
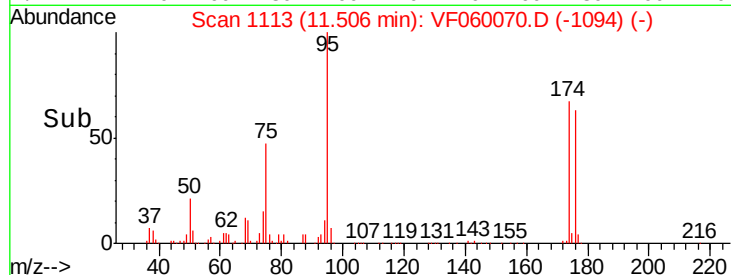
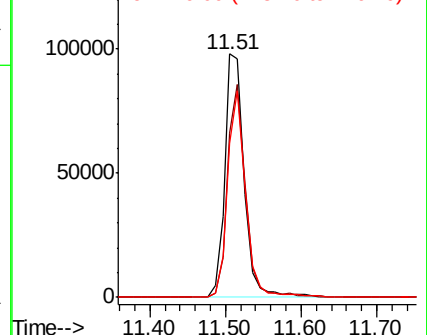
176 63.2 0.0 153.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.01 min

Lab File: VF060070.D

Acq: 23 Aug 2018 23:07

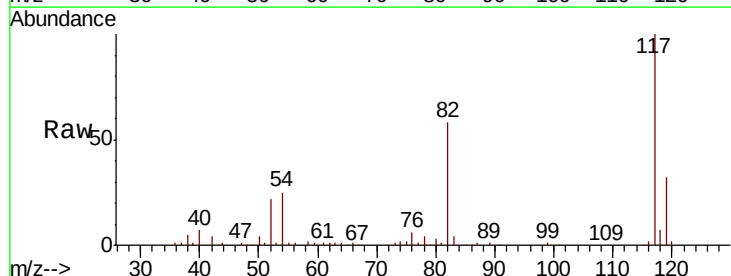
Tgt Ion: 117 Resp: 291372

Ion Ratio Lower Upper

117 100

82 57.7 43.6 65.4

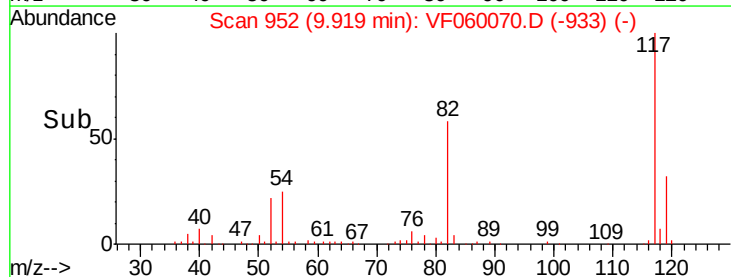
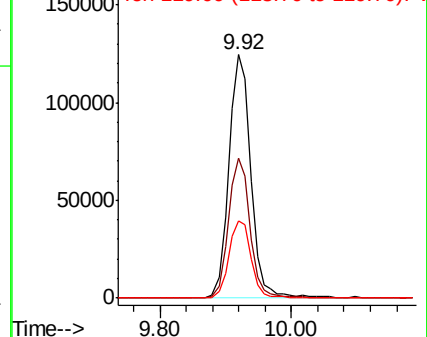
119 31.9 25.6 38.4

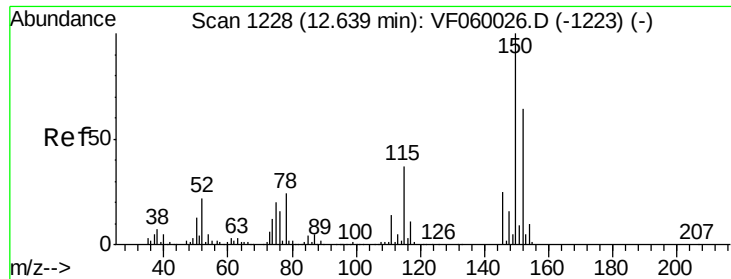


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060070.D
Acq: 23 Aug 2018 23:07

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-FD-01

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.6	85.9
150	156.3	0.0	312.0

