

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
 Data File : VF059361.D
 Acq On : 28 Jun 2018 15:33
 Operator : VA/AP
 Sample : J3242-03
 Misc : 5.57g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-062618-B

Quant Time: Jun 29 05:00:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	244361	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	381387	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	333679	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	150773	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	142870	45.25	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.50%	
35) Dibromofluoromethane	4.29	113	141816	50.89	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.78%	
50) Toluene-d8	7.71	98	275275	39.90	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.80%	
62) 4-Bromofluorobenzene	11.52	95	156390	40.18	ug/l	0.01
Spiked Amount 50.000			Recovery	=	80.36%	

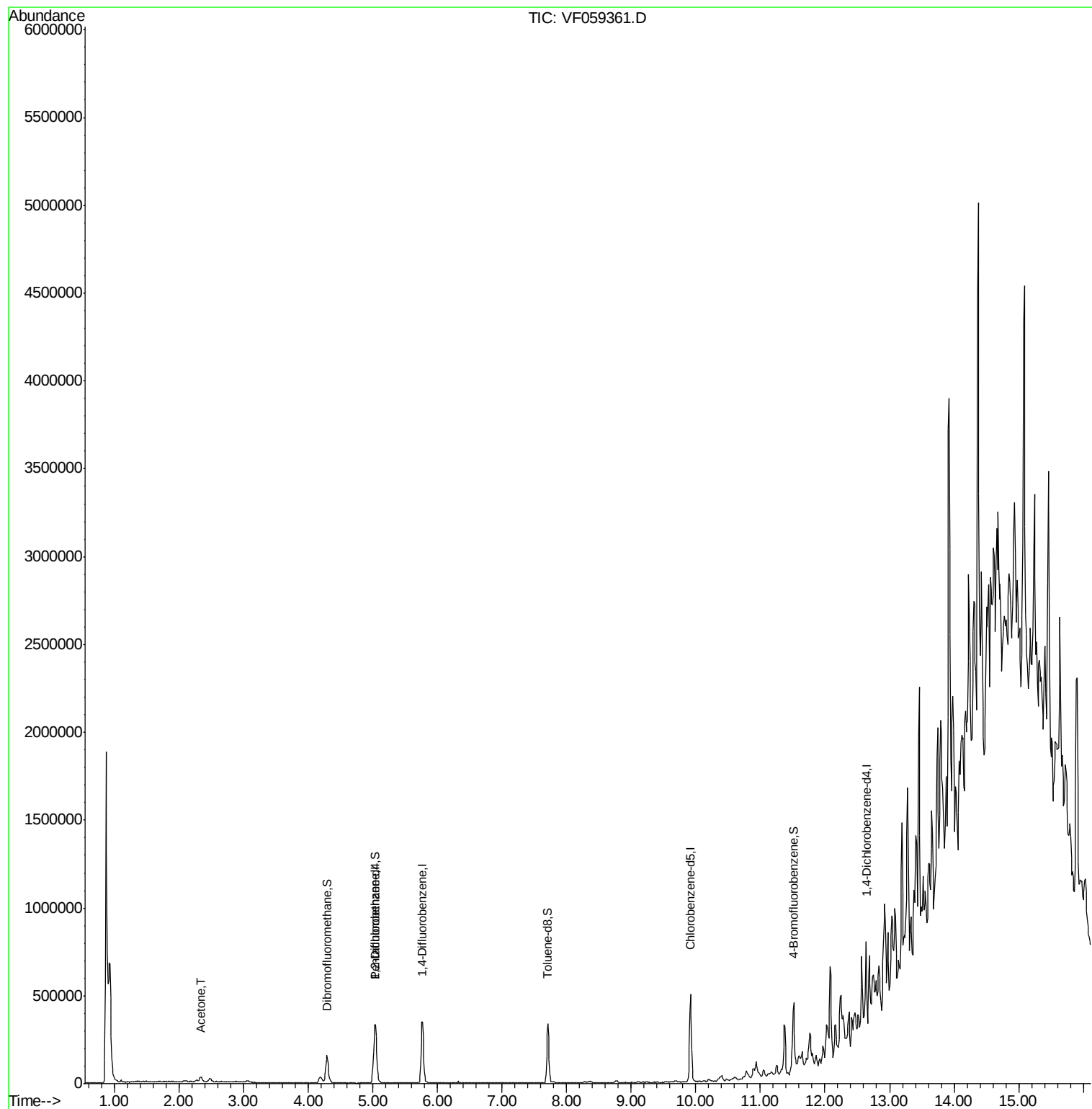
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	37691	39.20	ug/l	98

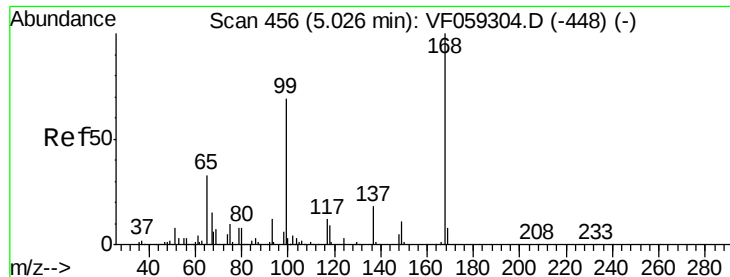
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062818\
Data File : VF059361.D
Acq On : 28 Jun 2018 15:33
Operator : VA/AP
Sample : J3242-03
Misc : 5.57g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
JC-02-062618-B

Quant Time: Jun 29 05:00:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 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: VF059361.D

Acq: 28 Jun 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

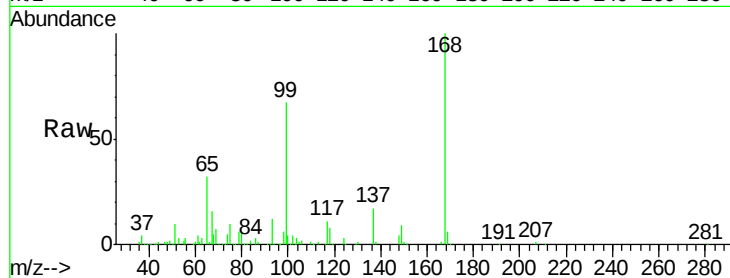
JC-02-062618-B

Tot Ion:168 Resp: 244361

Ion Ratio Lower Upper

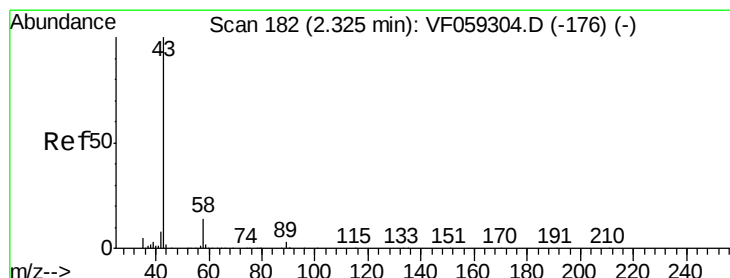
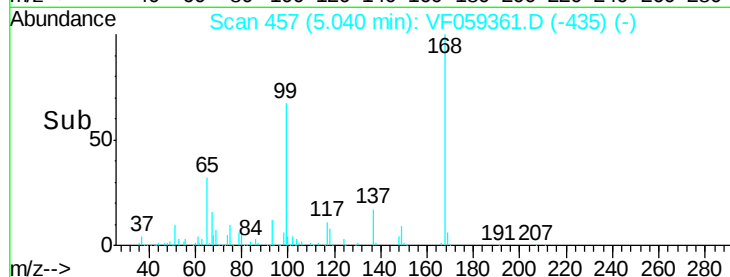
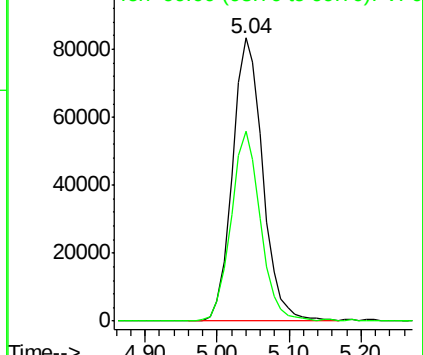
168 100

99 67.2 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 39.20 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059361.D

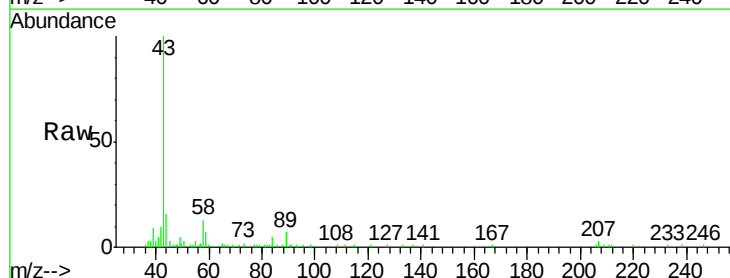
Acq: 28 Jun 2018 15:33

Tgt Ion: 43 Resp: 37691

Ion Ratio Lower Upper

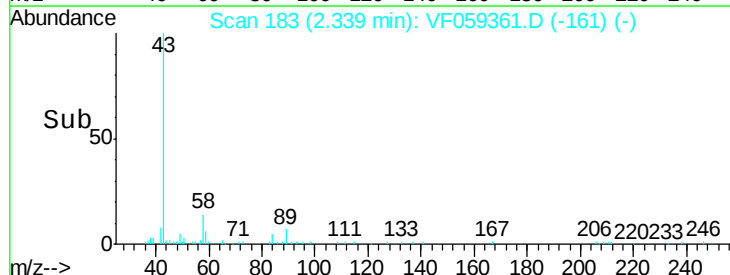
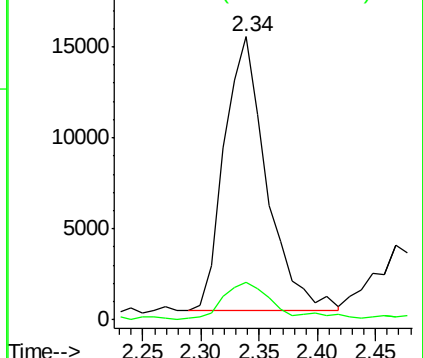
43 100

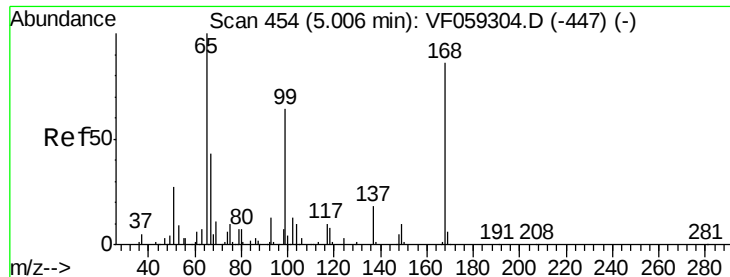
58 13.2 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 45.25 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059361.D

Acq: 28 Jun 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

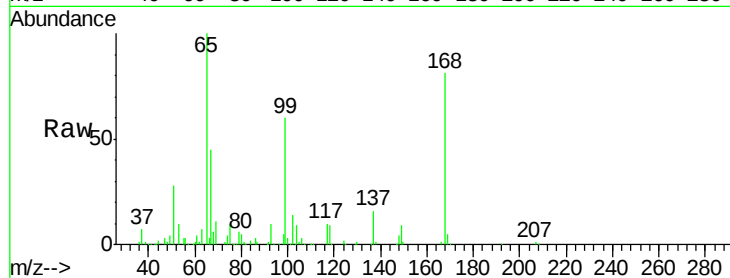
JC-02-062618-B

Tot Ion: 65 Resp: 142870

Ion Ratio Lower Upper

65 100

67 45.1 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

60000

50000

40000

30000

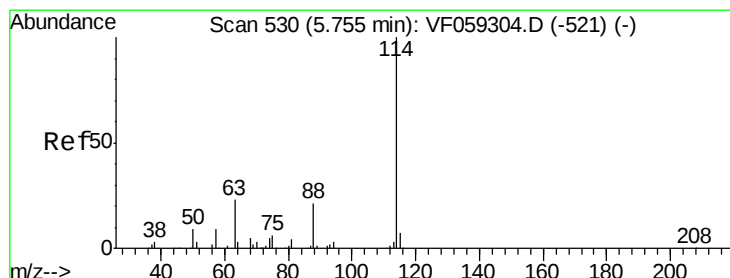
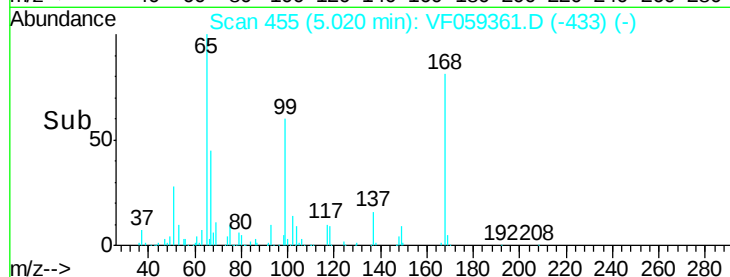
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059361.D

Acq: 28 Jun 2018 15:33

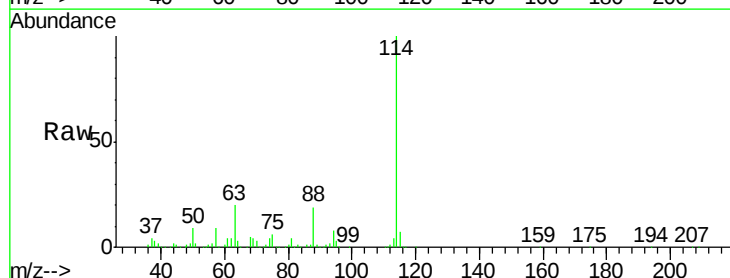
Tgt Ion: 114 Resp: 381387

Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.8

88 19.2 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

150000

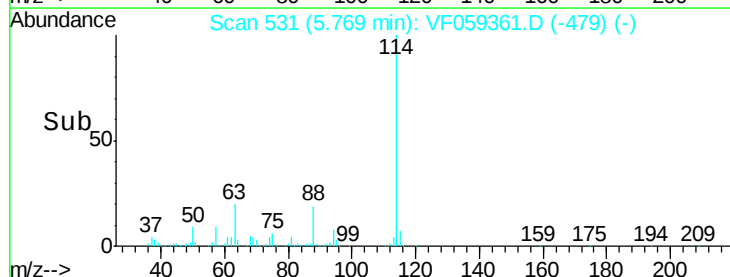
100000

50000

0

Time-->

5.60 5.70 5.80 5.90

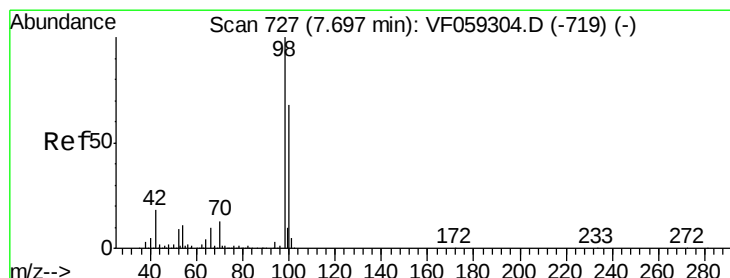
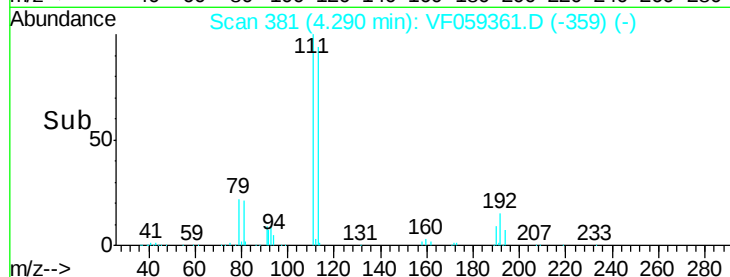
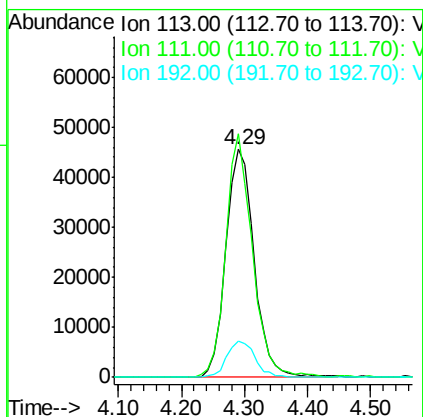
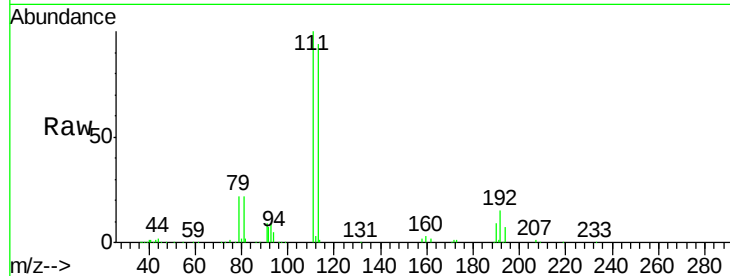




#35
Dibromofluoromethane
Concen: 50.89 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.01 min
Lab File: VF059361.D
Acq: 28 Jun 2018 15:33

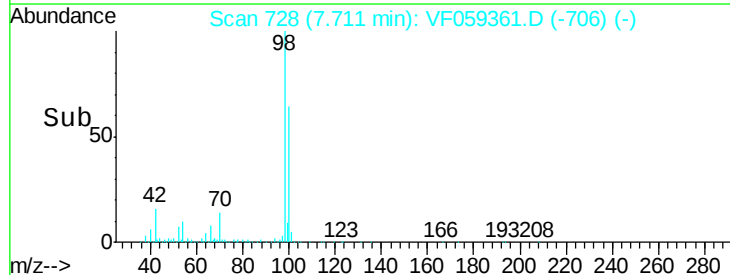
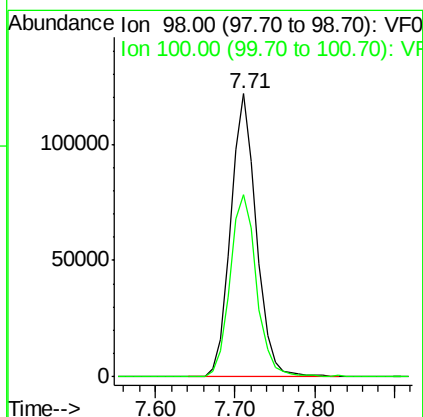
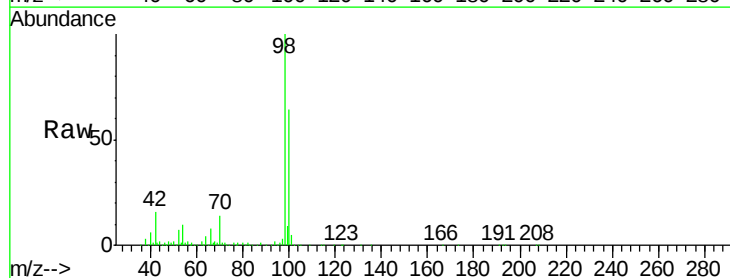
Instrument :
MSVOA_F
ClientSampleId :
JC-02-062618-B

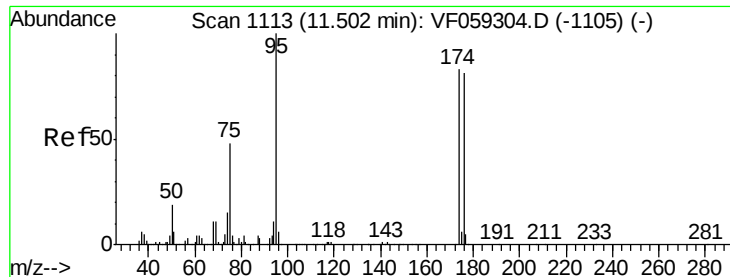
Tot Ion	Ratio	Lower	Upper
113	100		
111	106.9	82.1	123.1
192	16.1	13.0	19.6



#50
Toluene-d8
Concen: 39.90 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059361.D
Acq: 28 Jun 2018 15:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	54.6	82.0





#62

4-Bromofluorobenzene

Concen: 40.18 ug/l

RT: 11.52 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF059361.D

Acq: 28 Jun 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

JC-02-062618-B

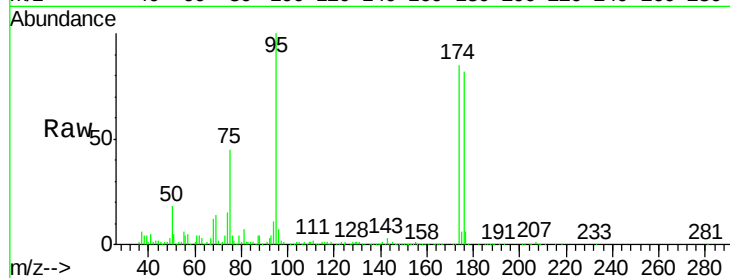
Tot Ion: 95 Resp: 156390

Ion Ratio Lower Upper

95 100

174 85.2 0.0 165.2

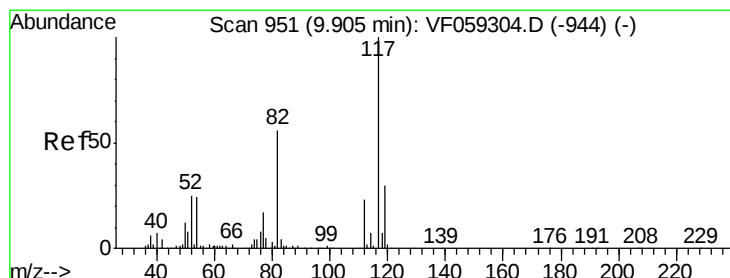
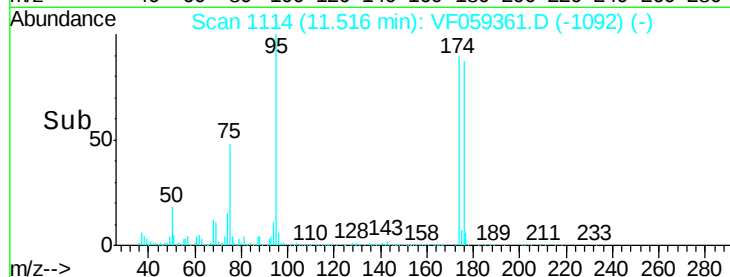
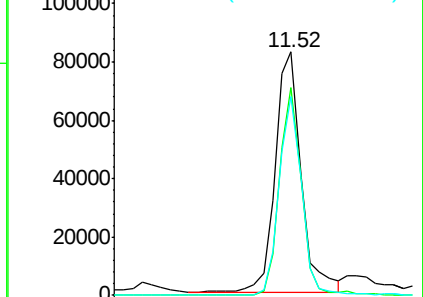
176 81.7 0.0 161.0



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: 9.92 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF059361.D

Acq: 28 Jun 2018 15:33

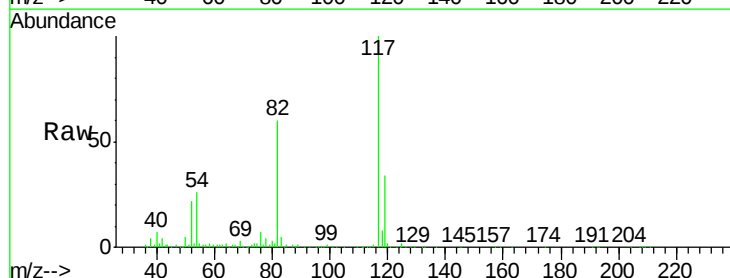
Tgt Ion: 117 Resp: 333679

Ion Ratio Lower Upper

117 100

82 60.1 44.6 66.8

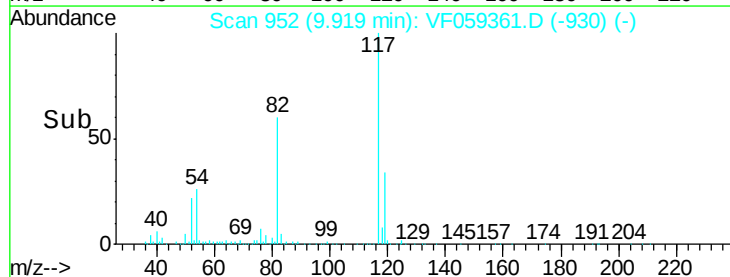
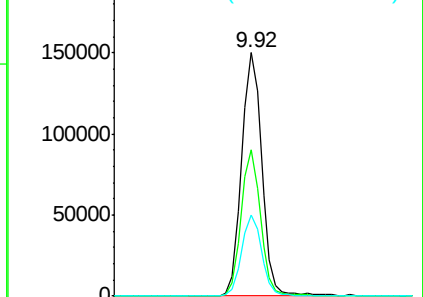
119 33.5 24.1 36.1

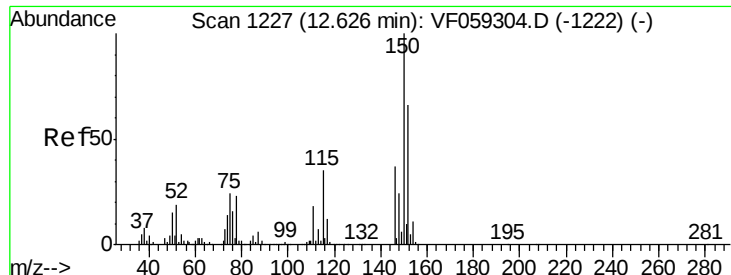


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: 12.64 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VF059361.D

Acq: 28 Jun 2018 15:33

Instrument :

MSVOA_F

ClientSampleId :

JC-02-062618-B

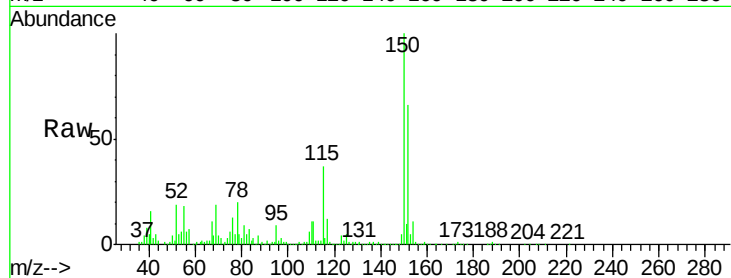
Tot Ion:152 Resp: 150773

Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 152.4 0.0 305.2



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

