

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
 Data File : VF059362.D
 Acq On : 28 Jun 2018 16:01
 Operator : VA/AP
 Sample : J3242-05
 Misc : 6.49g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 29 05:02:39 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

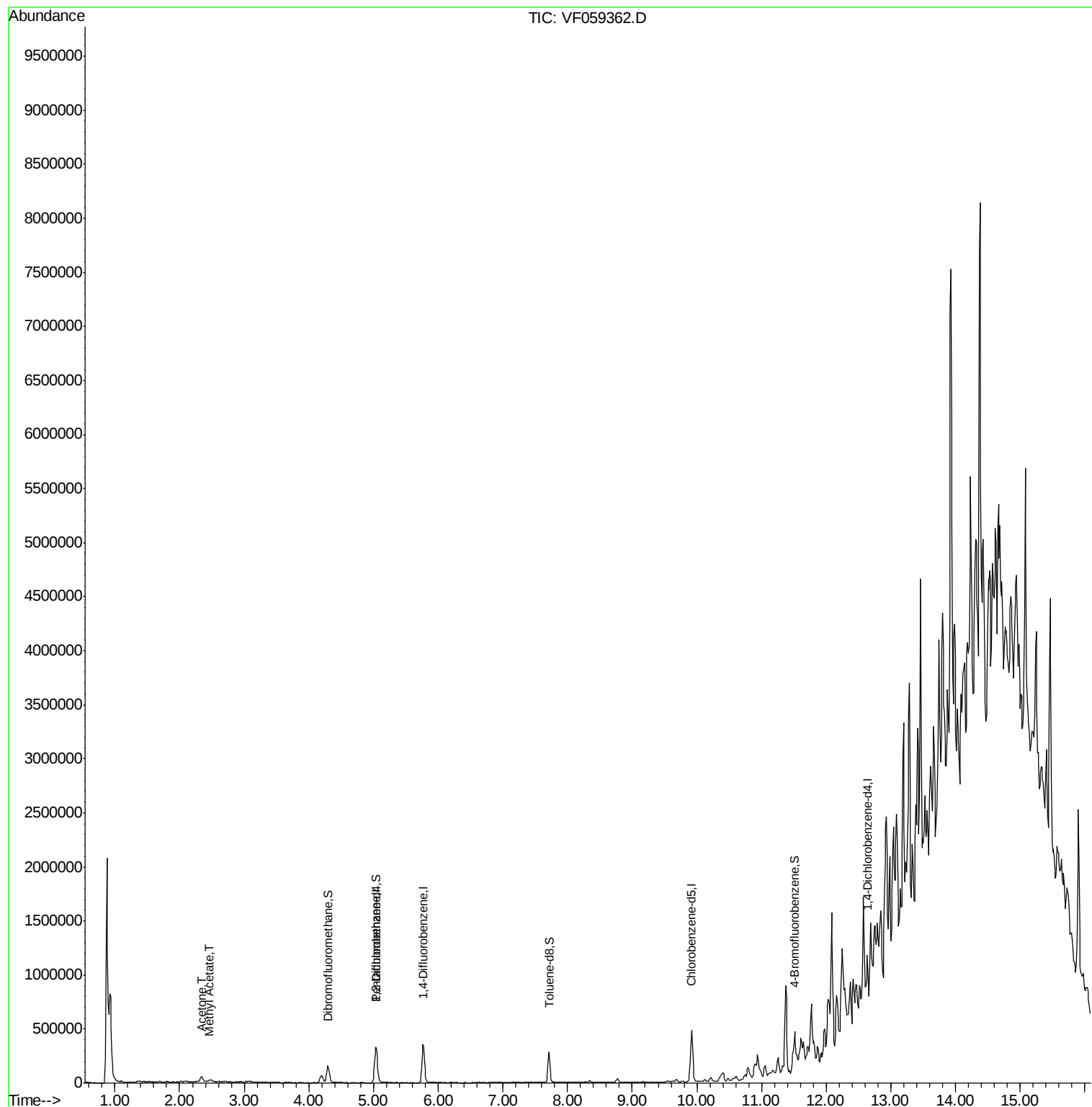
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	243264	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.76	114	391904	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	313300	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	135123	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	137113	43.63	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.26%	
35) Dibromofluoromethane	4.29	113	137313	47.95	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	7.71	98	242769	34.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	68.48%	
62) 4-Bromofluorobenzene	11.51	95	156764	39.20	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.40%	
Target Compounds						
16) Acetone	2.34	43	75182	89.22	ug/l	Qvalue 100
18) Methyl Acetate	2.45	43	22034	14.71	ug/l	98

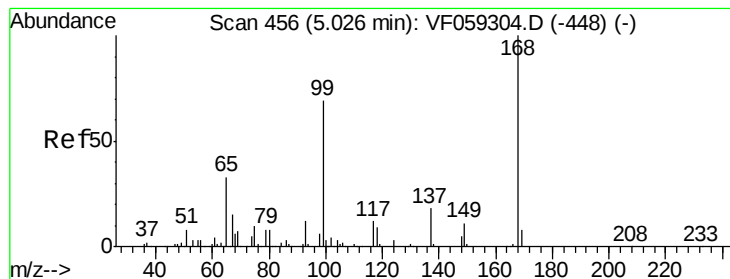
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062818\
Data File : VF059362.D
Acq On : 28 Jun 2018 16:01
Operator : VA/AP
Sample : J3242-05
Misc : 6.49g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 29 05:02:39 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# 458

Delta R.T. 0.02 min

Lab File: VF059362.D

Acq: 28 Jun 2018 16:01

Instrument :

MSVOA_F

ClientSampleId :

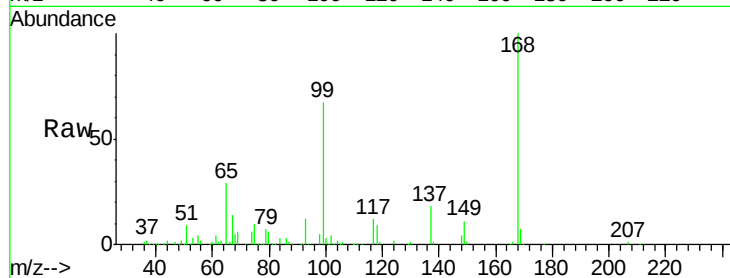
JC-02-062618-C

Tot Ion:168 Resp: 243264

Ion Ratio Lower Upper

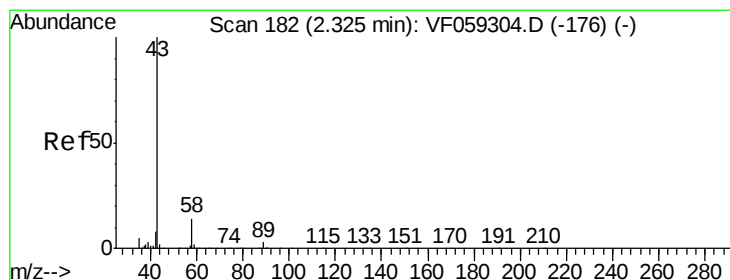
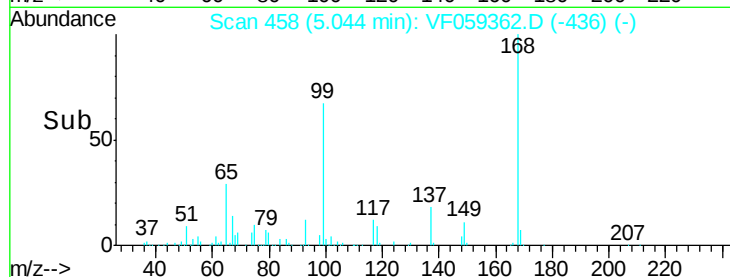
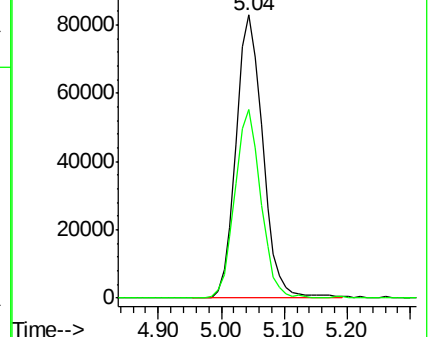
168 100

99 66.8 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 89.22 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.02 min

Lab File: VF059362.D

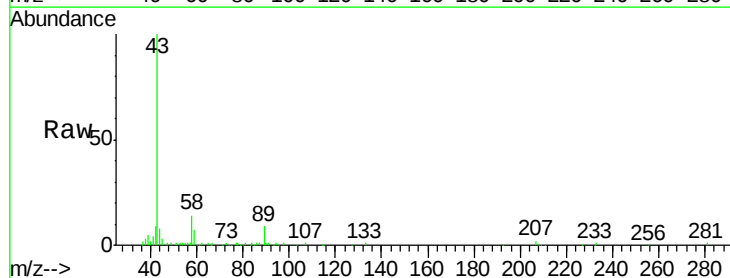
Acq: 28 Jun 2018 16:01

Tgt Ion: 43 Resp: 75182

Ion Ratio Lower Upper

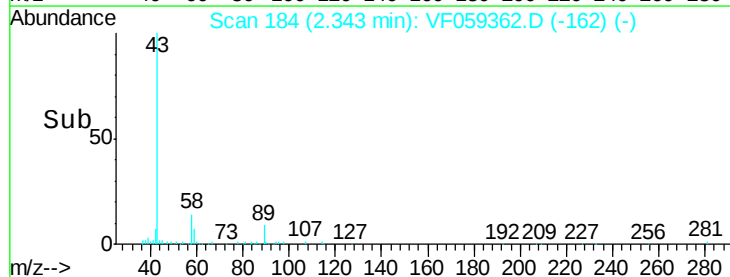
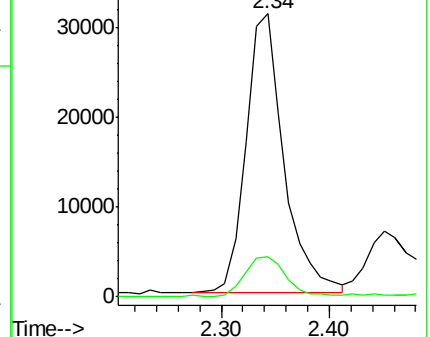
43 100

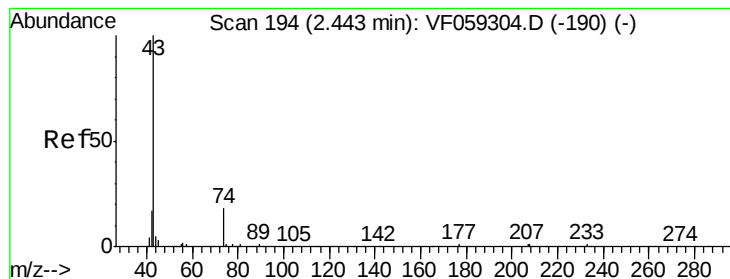
58 14.2 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#18

Methyl Acetate

Concen: 14.71 ug/l

RT: 2.45 min Scan# 195

Delta R.T. 0.01 min

Lab File: VF059362.D

Acq: 28 Jun 2018 16:01

Instrument :

MSVOA_F

ClientSampleId :

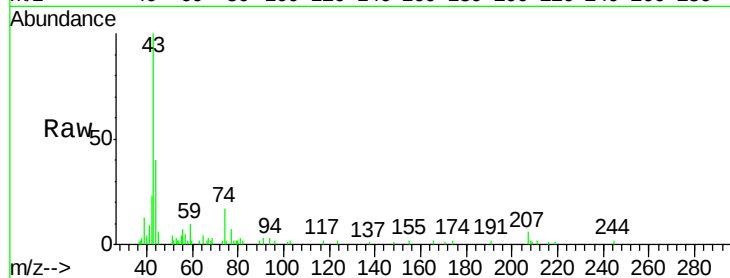
JC-02-062618-C

Tot Ion: 43 Resp: 22034

Ion Ratio Lower Upper

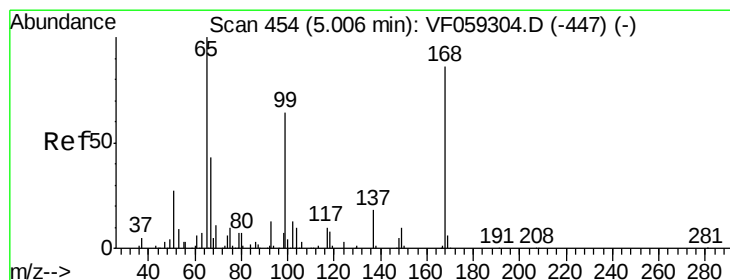
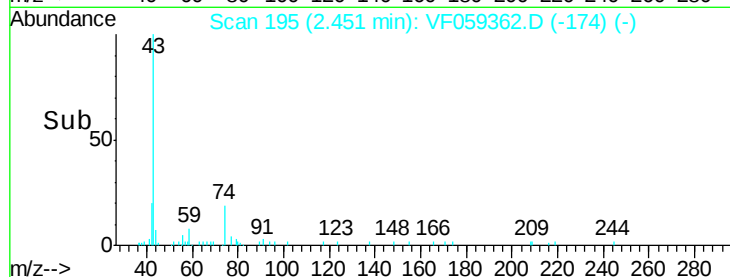
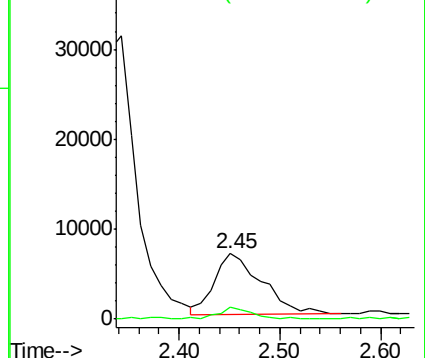
43 100

74 17.4 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 43.63 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.02 min

Lab File: VF059362.D

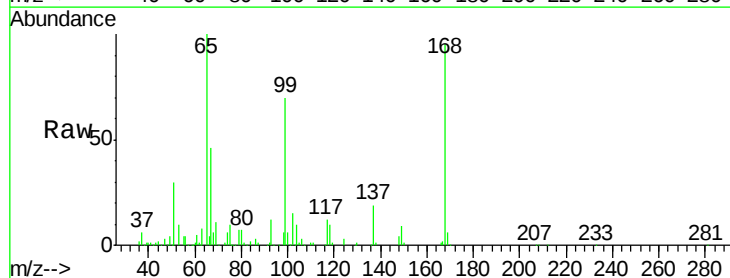
Acq: 28 Jun 2018 16:01

Tgt Ion: 65 Resp: 137113

Ion Ratio Lower Upper

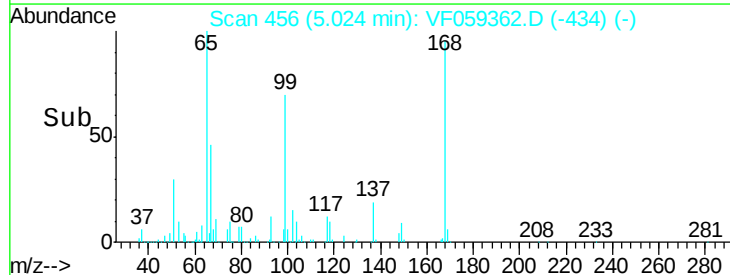
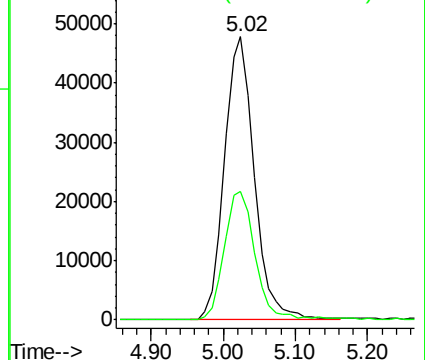
65 100

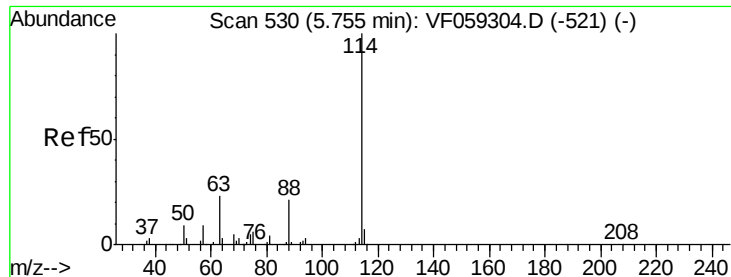
67 45.5 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

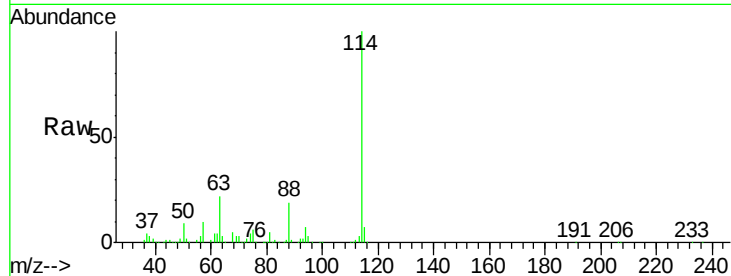




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VF059362.D
 Acq: 28 Jun 2018 16:01

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

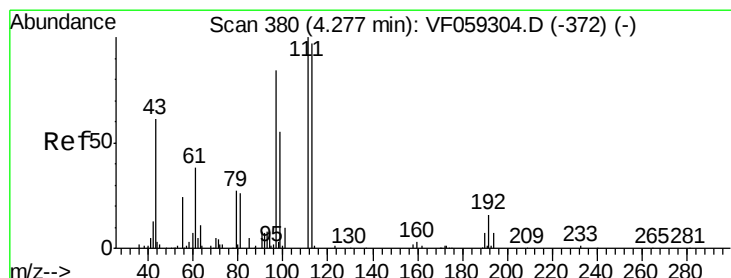
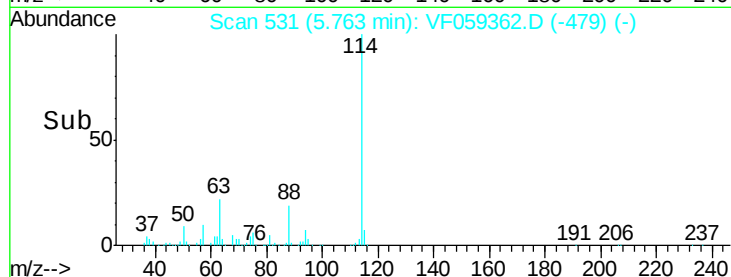
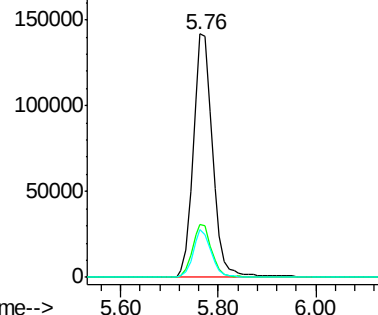
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	45.8
88	19.5	0.0	41.2



Abundance Ion 114.00 (113.70 to 114.70): V

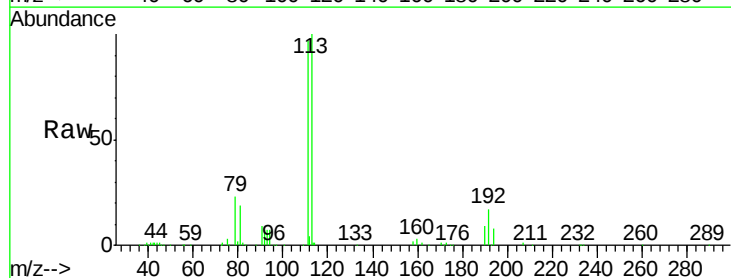
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35
 Dibromofluoromethane
 Concen: 47.95 ug/l
 RT: 4.29 min Scan# 382
 Delta R.T. 0.02 min
 Lab File: VF059362.D
 Acq: 28 Jun 2018 16:01

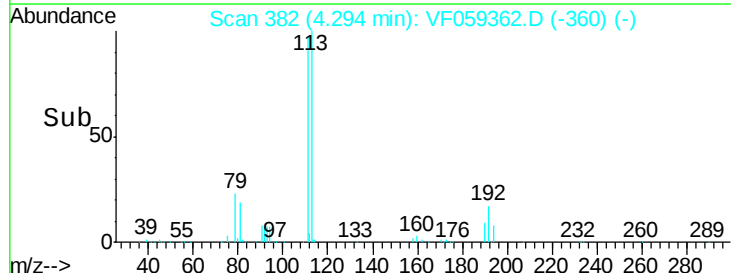
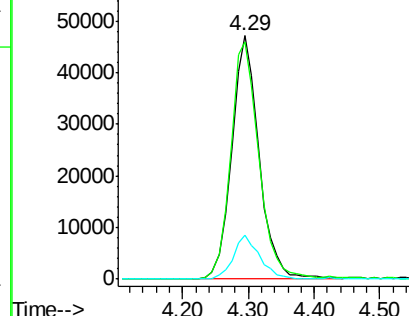
Tgt Ion	Ratio	Lower	Upper
113	100		
111	96.2	82.1	123.1
192	17.7	13.0	19.6

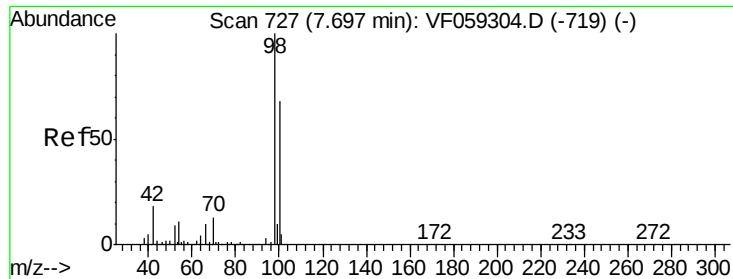


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 34.24 ug/l

RT: 7.71 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF059362.D

Acq: 28 Jun 2018 16:01

Instrument :

MSVOA_F

ClientSampleId :

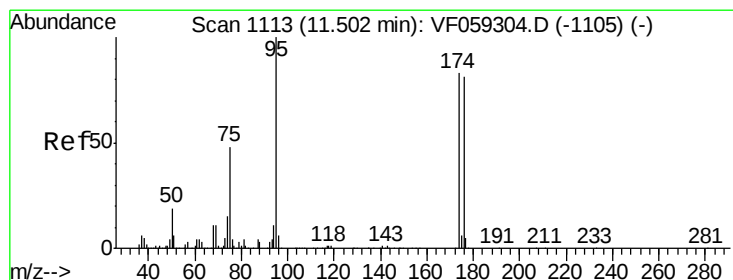
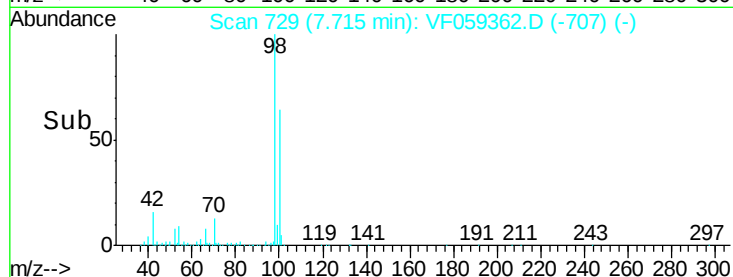
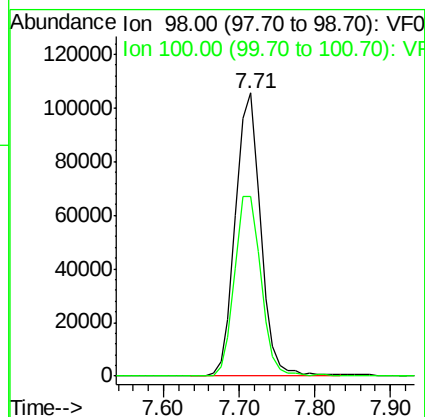
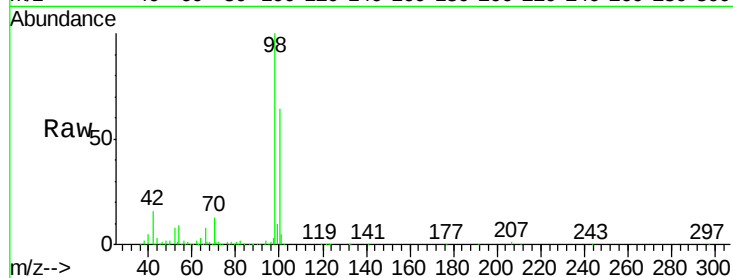
JC-02-062618-C

Tot Ion: 98 Resp: 242769

Ion Ratio Lower Upper

98 100

100 63.6 54.6 82.0



#62

4-Bromofluorobenzene

Concen: 39.20 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF059362.D

Acq: 28 Jun 2018 16:01

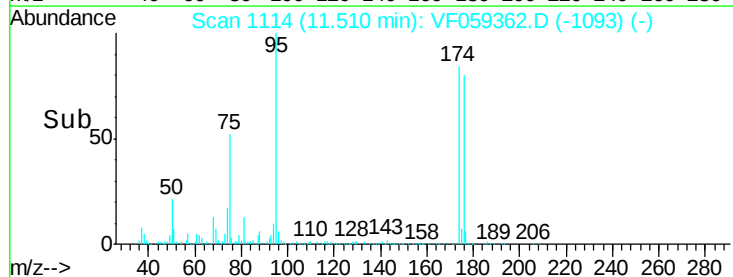
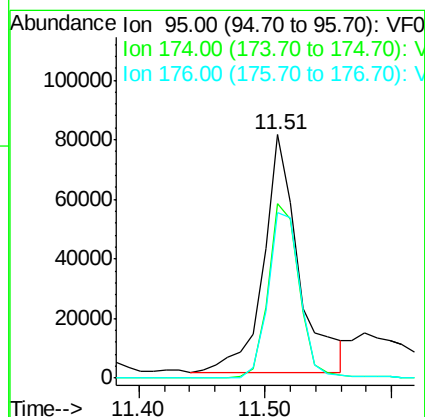
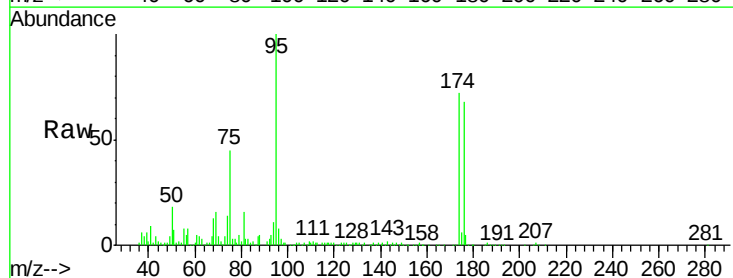
Tgt Ion: 95 Resp: 156764

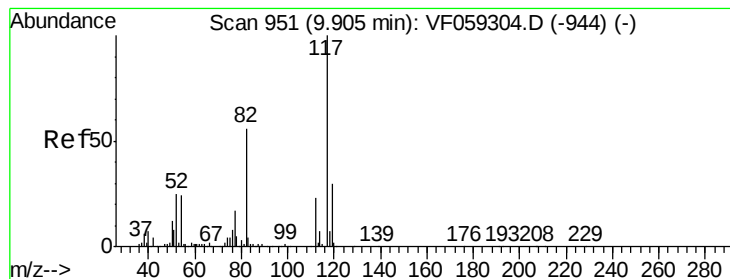
Ion Ratio Lower Upper

95 100

174 71.9 0.0 165.2

176 68.2 0.0 161.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.92 min Scan# 953

Delta R.T. 0.02 min

Lab File: VF059362.D

Acq: 28 Jun 2018 16:01

Instrument :

MSVOA_F

ClientSampleId :

JC-02-062618-C

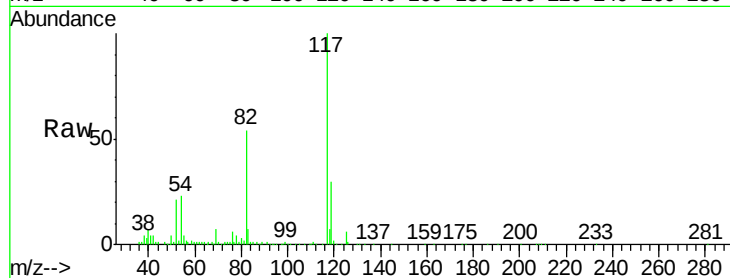
Tot Ion:117 Resp: 313300

Ion Ratio Lower Upper

117 100

82 53.8 44.6 66.8

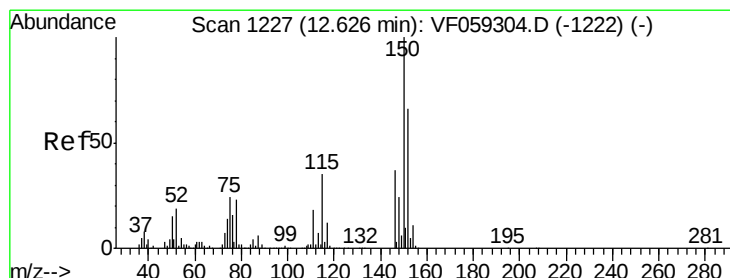
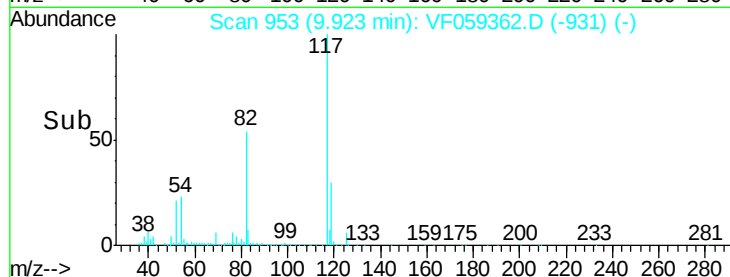
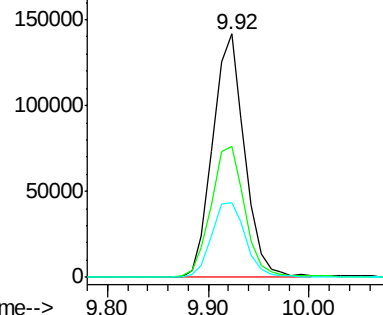
119 30.4 24.1 36.1



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# 1228

Delta R.T. 0.01 min

Lab File: VF059362.D

Acq: 28 Jun 2018 16:01

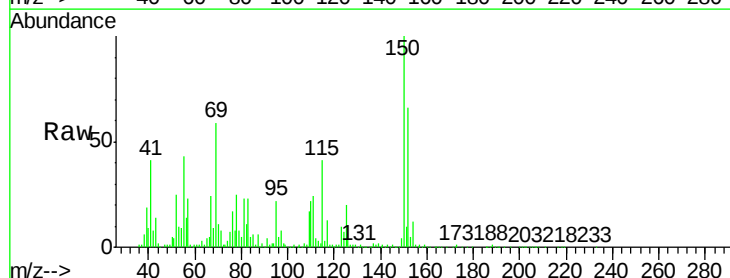
Tgt Ion:152 Resp: 135123

Ion Ratio Lower Upper

152 100

115 61.5 27.1 81.3

150 151.1 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

