

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
 Data File : VF059360.D
 Acq On : 28 Jun 2018 15:05
 Operator : VA/AP
 Sample : J3242-01
 Misc : 6.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 29 08:13:42 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	213286	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	339281	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	314391	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	174510	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	140135	50.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.70%	
35) Dibromofluoromethane	4.29	113	135341	54.59	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.18%	
50) Toluene-d8	7.71	98	273285	44.52	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.04%	
62) 4-Bromofluorobenzene	11.51	95	178582	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	

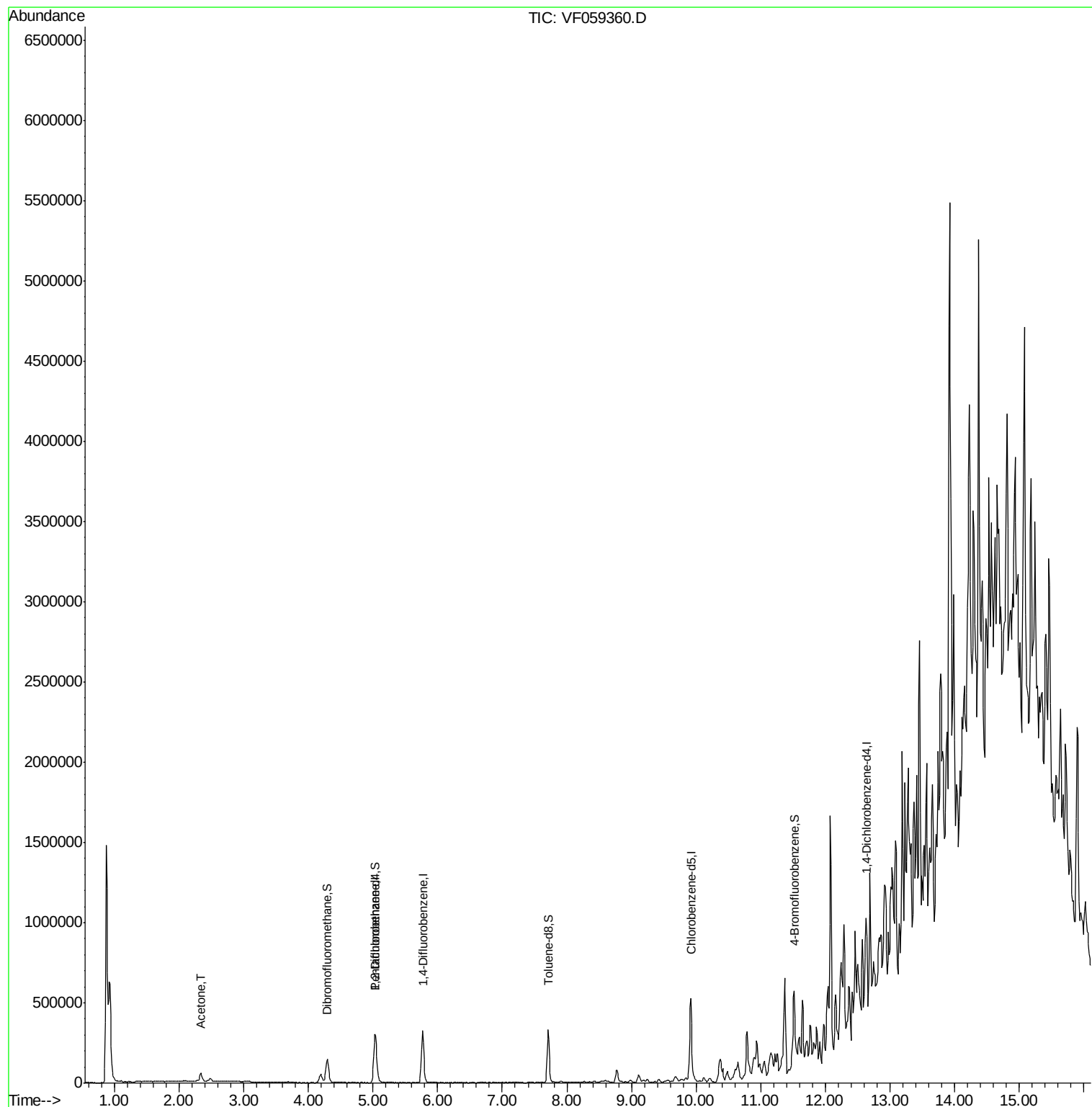
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	85587	119.02	ug/l	100

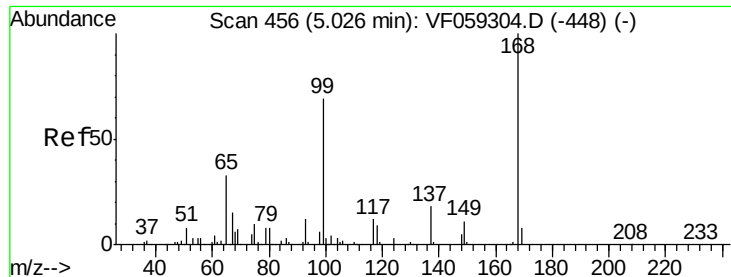
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059360.D

Acq: 28 Jun 2018 15:05

Instrument :

MSVOA_F

ClientSampleId :

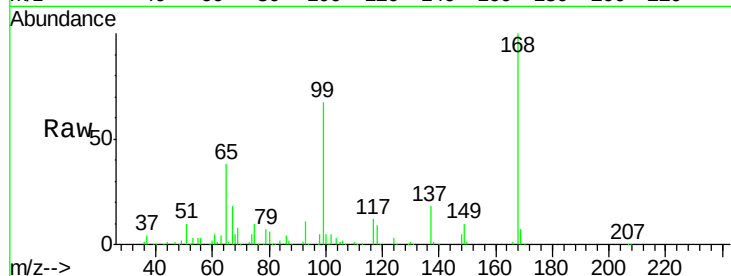
JC-02-062618-A

Tot Ion:168 Resp: 213286

Ion Ratio Lower Upper

168 100

99 67.3 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

60000

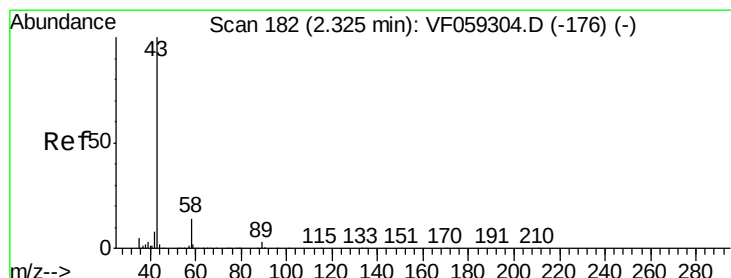
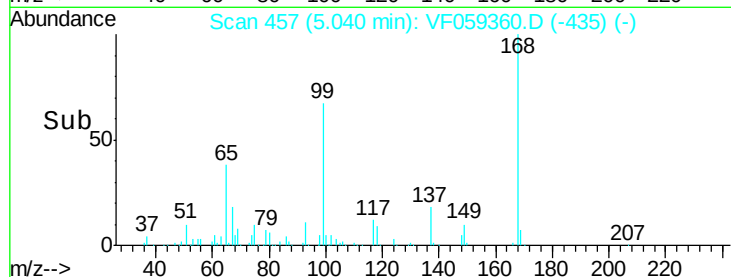
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 119.02 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059360.D

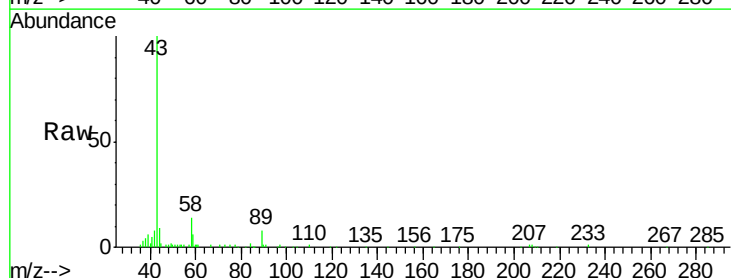
Acq: 28 Jun 2018 15:05

Tgt Ion: 43 Resp: 85587

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

2.34

30000

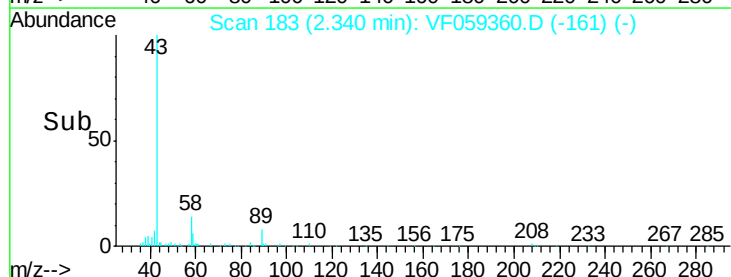
20000

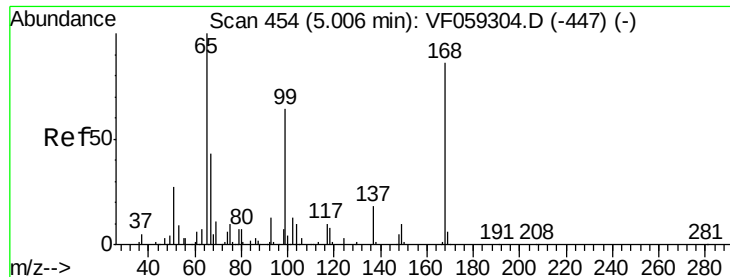
10000

0

Time-->

2.20 2.30 2.40

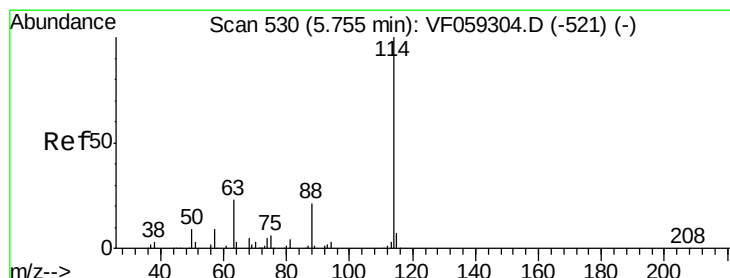
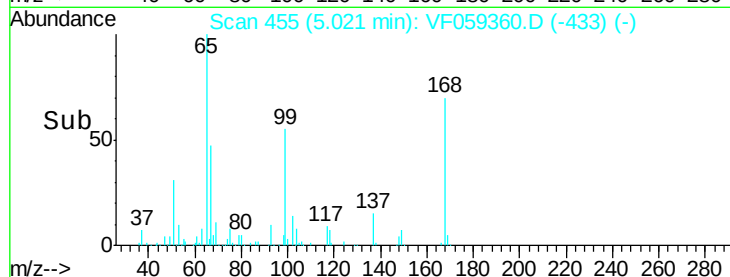
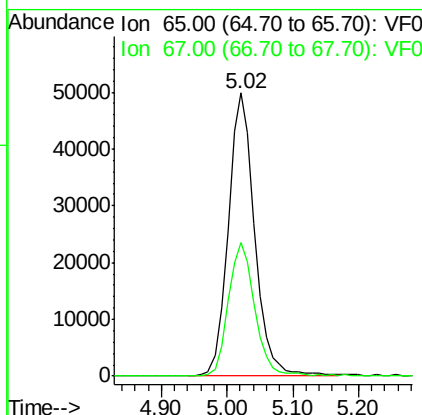
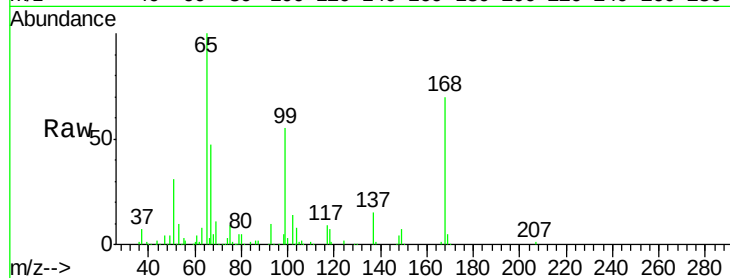




#33
 1,2-Dichloroethane-d4
 Concen: 50.85 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.01 min
 Lab File: VF059360.D
 Acq: 28 Jun 2018 15:05

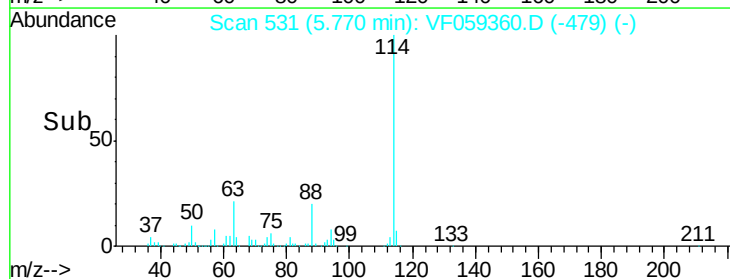
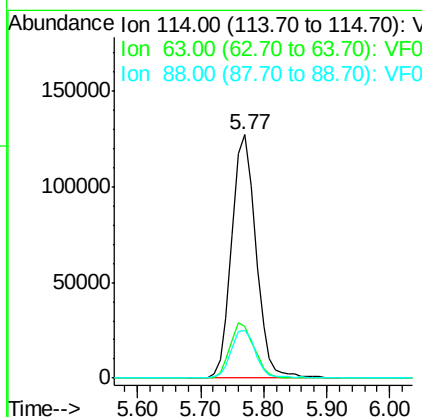
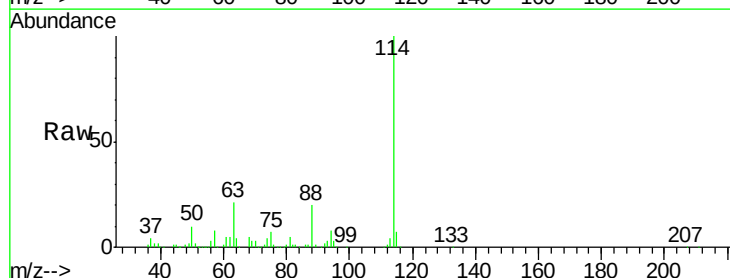
Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-062618-A

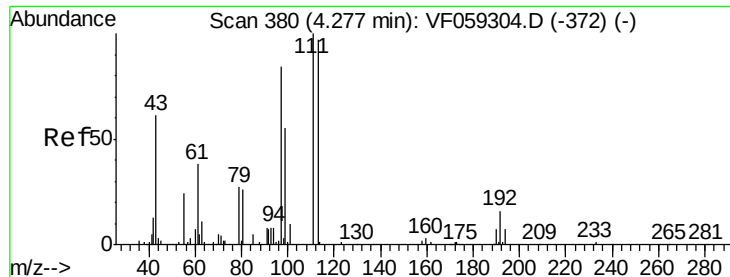
Tot Ion: 65 Resp: 140135
 Ion Ratio Lower Upper
 65 100
 67 47.1 0.0 96.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VF059360.D
 Acq: 28 Jun 2018 15:05

Tgt Ion: 114 Resp: 339281
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.8
 88 19.8 0.0 41.2





#35

Dibromofluoromethane

Concen: 54.59 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059360.D

Acq: 28 Jun 2018 15:05

Instrument :

MSVOA_F

ClientSampleId :

JC-02-062618-A

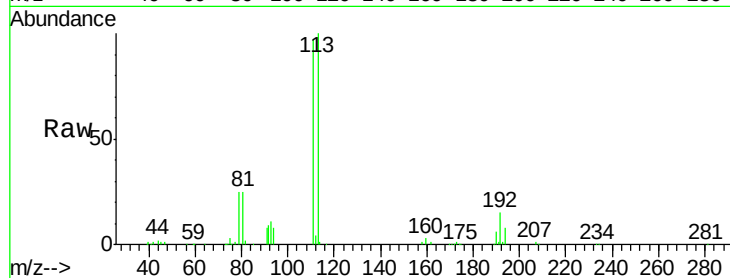
Tot Ion:113 Resp: 135341

Ion Ratio Lower Upper

113 100

111 96.8 82.1 123.1

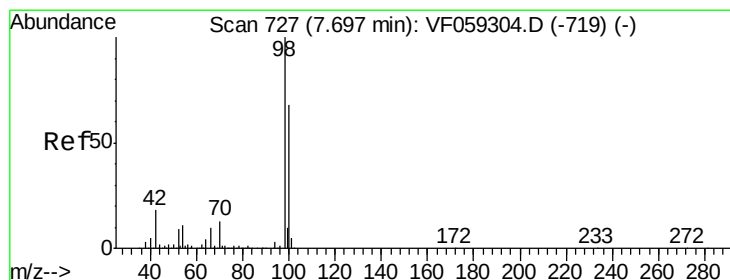
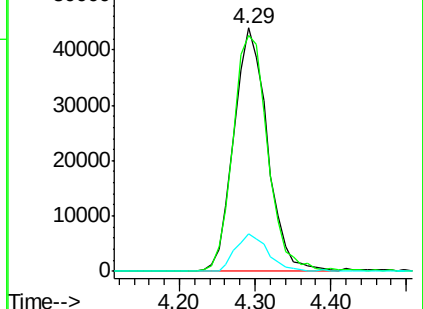
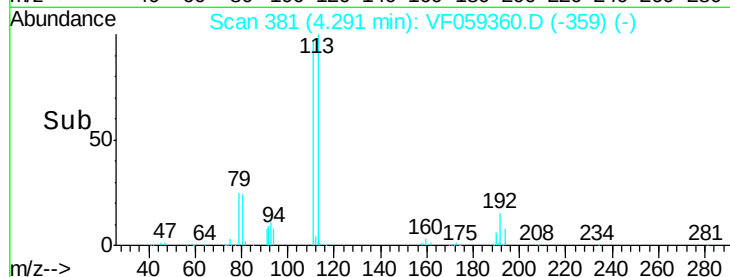
192 15.3 13.0 19.6



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: 44.52 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.01 min

Lab File: VF059360.D

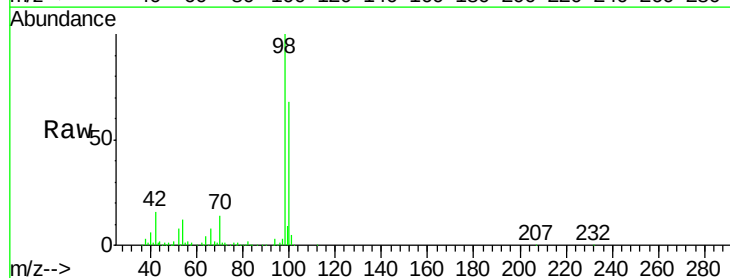
Acq: 28 Jun 2018 15:05

Tgt Ion: 98 Resp: 273285

Ion Ratio Lower Upper

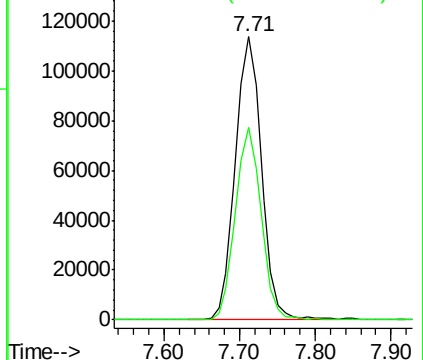
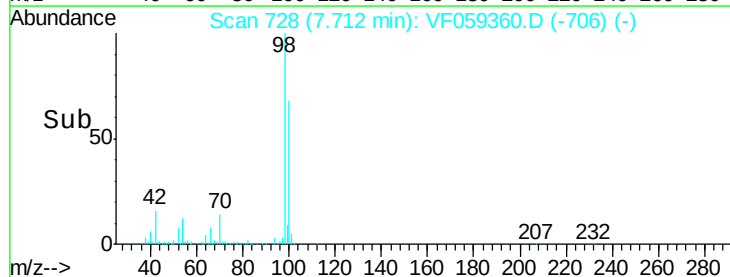
98 100

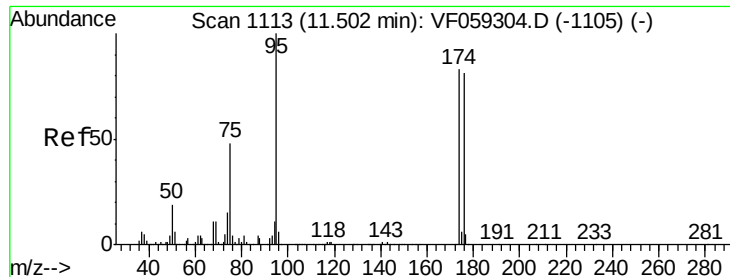
100 67.9 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 51.58 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF059360.D

Acq: 28 Jun 2018 15:05

Instrument :

MSVOA_F

ClientSampleId :

JC-02-062618-A

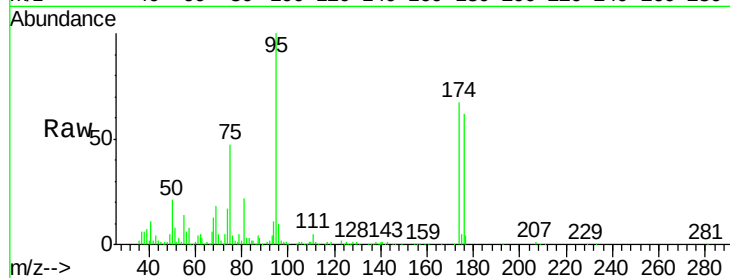
Tot Ion: 95 Resp: 178582

Ion Ratio Lower Upper

95 100

174 67.0 0.0 165.2

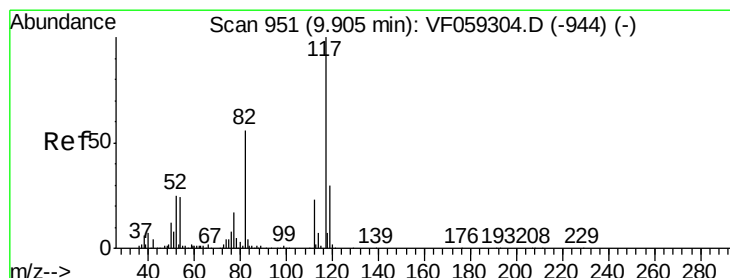
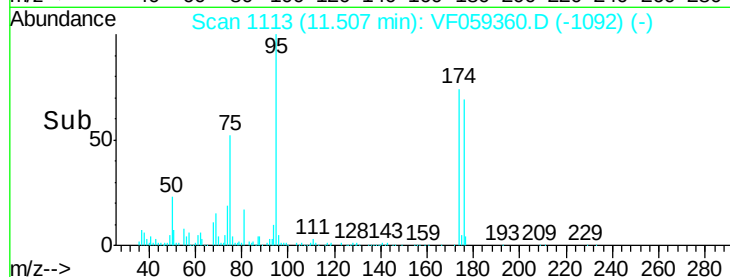
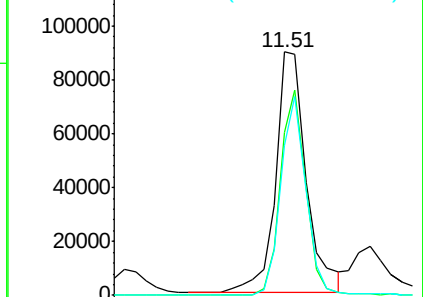
176 61.9 0.0 161.0



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: VF059360.D

Acq: 28 Jun 2018 15:05

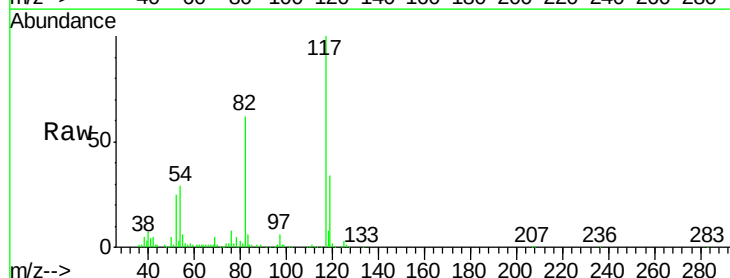
Tgt Ion: 117 Resp: 314391

Ion Ratio Lower Upper

117 100

82 61.6 44.6 66.8

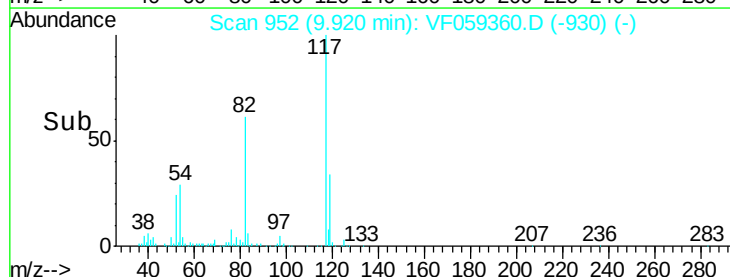
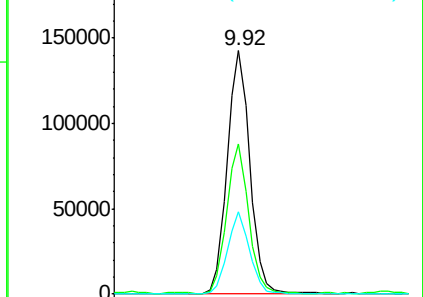
119 33.6 24.1 36.1

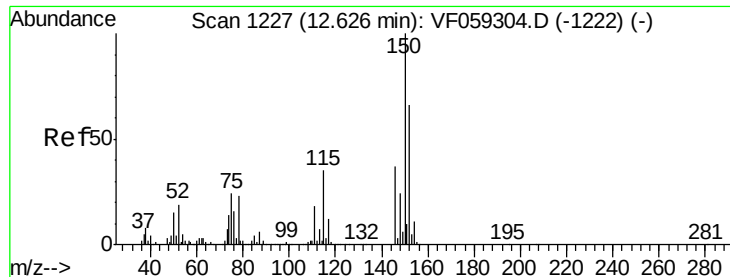


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: VF059360.D

Acq: 28 Jun 2018 15:05

Instrument :

MSVOA_F

ClientSampleId :

JC-02-062618-A

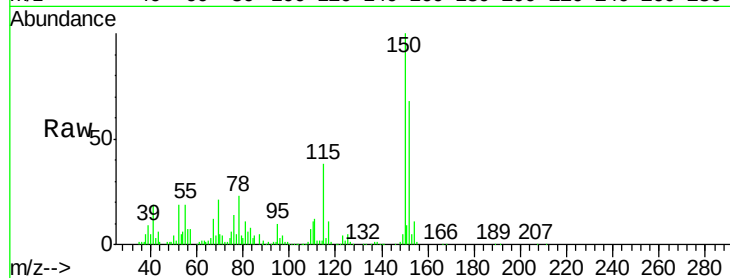
Tot Ion:152 Resp: 174510

Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 147.6 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

