

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060519\
 Data File : VF062866.D
 Acq On : 5 Jun 2019 15:38
 Operator : FY/SY
 Sample : K3163-01
 Misc : 5.97g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-060419-A

Quant Time: Jun 06 08:19:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

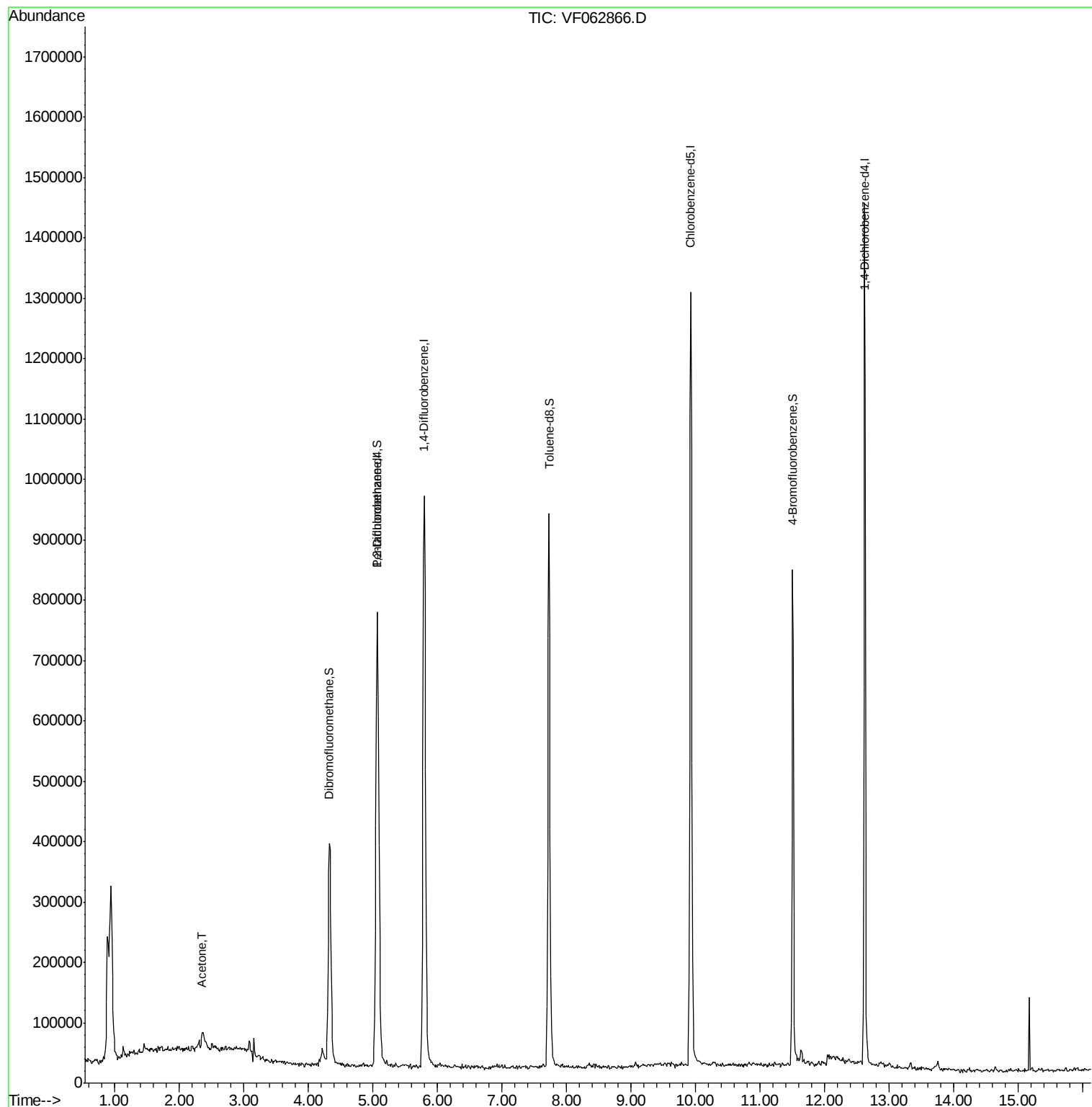
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	696173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1214735	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1013903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	369558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	196937	40.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.82%	
35) Dibromofluoromethane	4.33	113	381374	41.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.10%	
50) Toluene-d8	7.73	98	791303	34.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.18%	
62) 4-Bromofluorobenzene	11.50	95	293438	35.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.28%	
Target Compounds						
16) Acetone	2.37	43	25852	23.463	ug/l	Qvalue 91

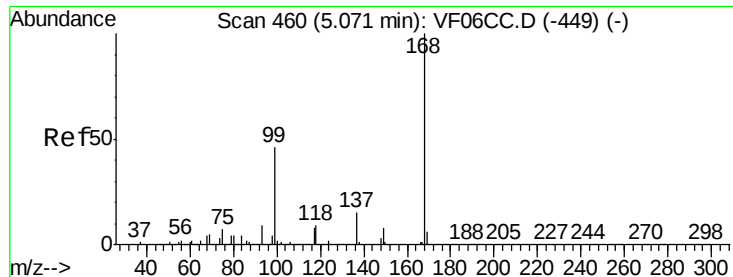
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.00 min

Lab File: VF062866.D

Acq: 5 Jun 2019 15:38

Instrument :

MSVOA_F

ClientSampleId :

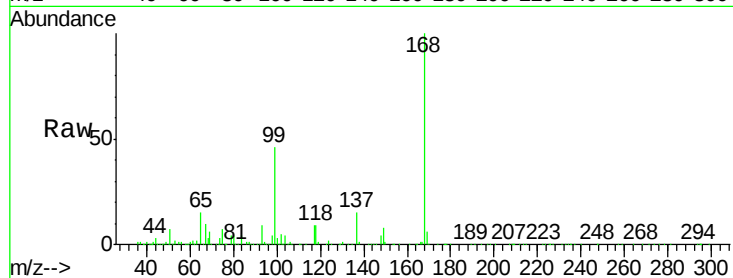
SU-02-060419-A

Tot Ion:168 Resp: 696173

Ion Ratio Lower Upper

168 100

99 45.7 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

250000

200000

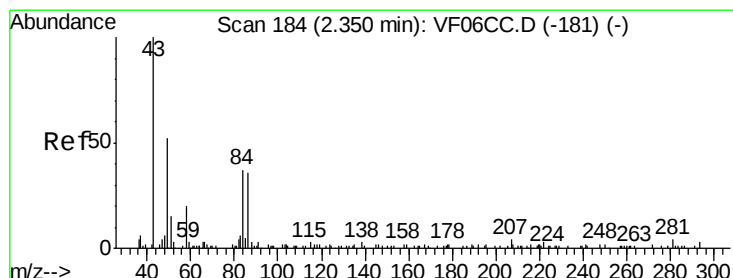
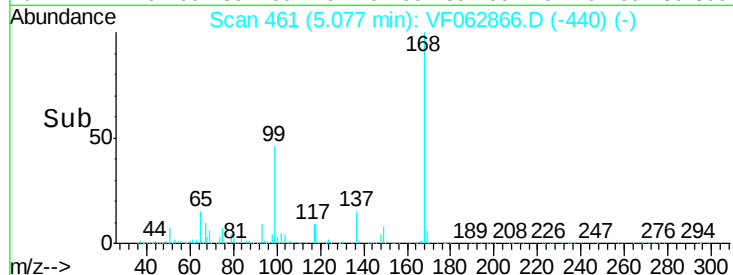
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 23.463 ug/l

RT: 2.37 min Scan# 186

Delta R.T. 0.00 min

Lab File: VF062866.D

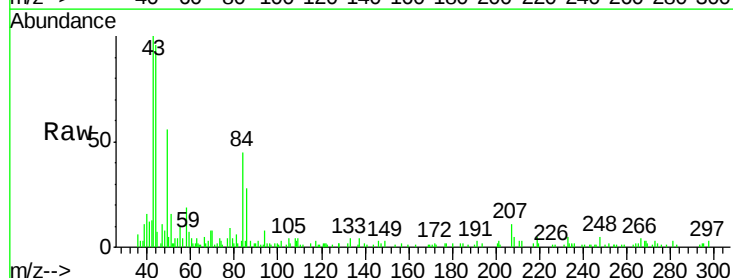
Acq: 5 Jun 2019 15:38

Tgt Ion: 43 Resp: 25852

Ion Ratio Lower Upper

43 100

58 19.2 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

12000

10000

8000

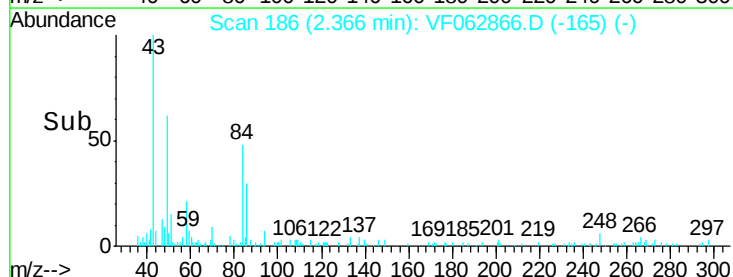
6000

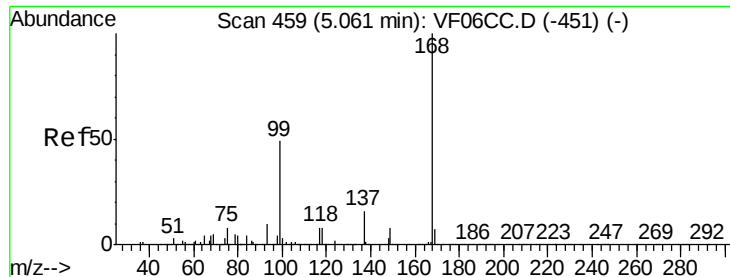
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 40.909 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.00 min

Lab File: VF062866.D

Acq: 5 Jun 2019 15:38

Instrument :

MSVOA_F

ClientSampleId :

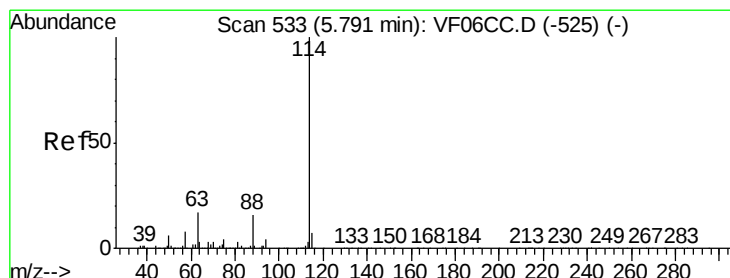
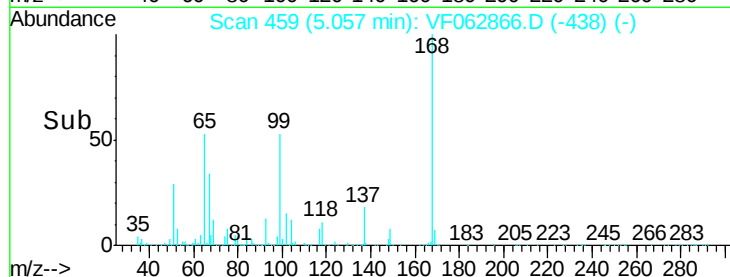
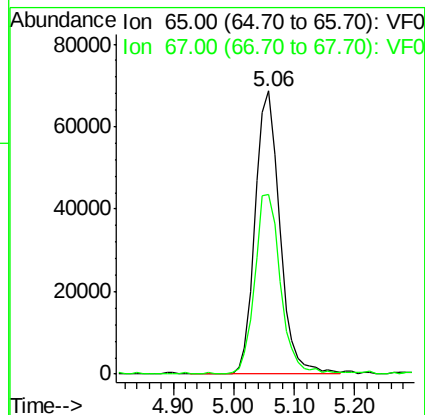
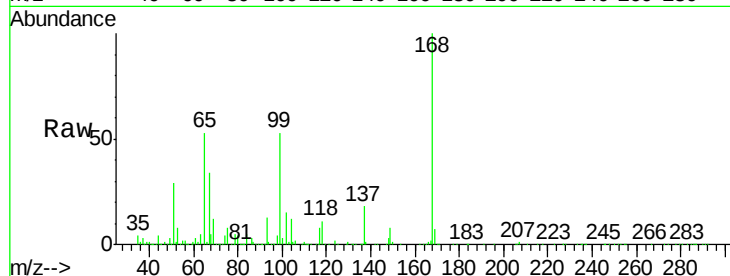
SU-02-060419-A

Tot Ion: 65 Resp: 196937

Ion Ratio Lower Upper

65 100

67 63.5 0.0 121.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. -0.01 min

Lab File: VF062866.D

Acq: 5 Jun 2019 15:38

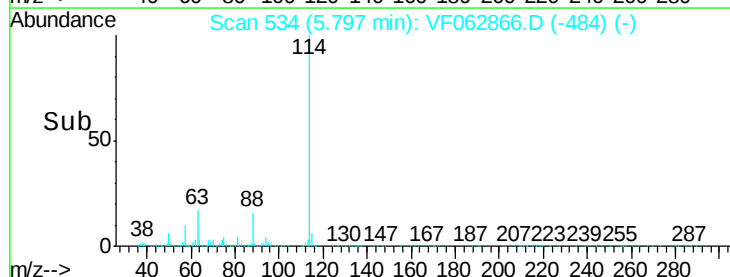
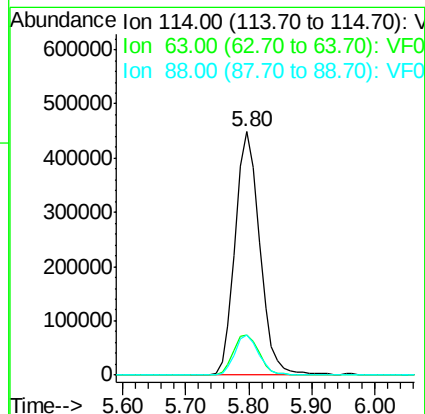
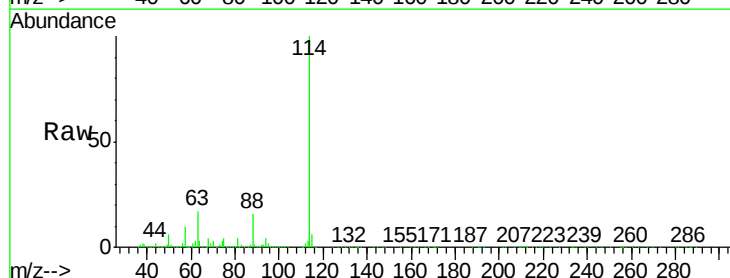
Tgt Ion: 114 Resp: 1214735

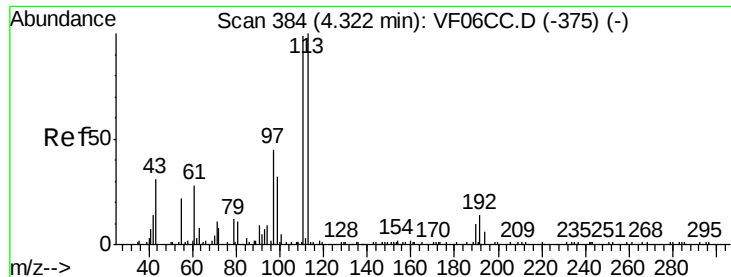
Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.2

88 16.4 0.0 31.2

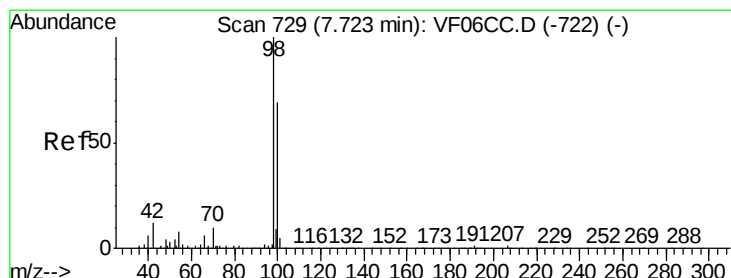
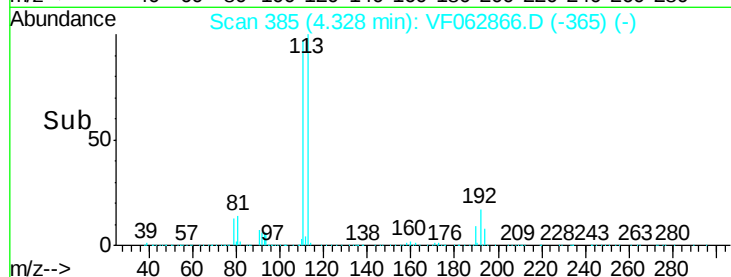
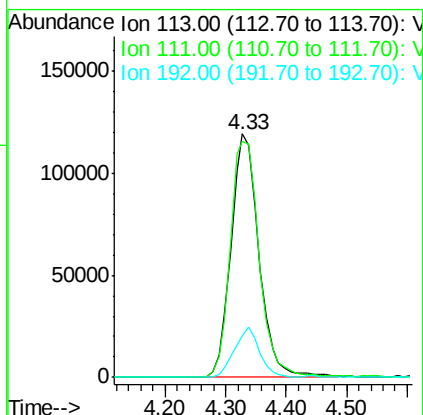
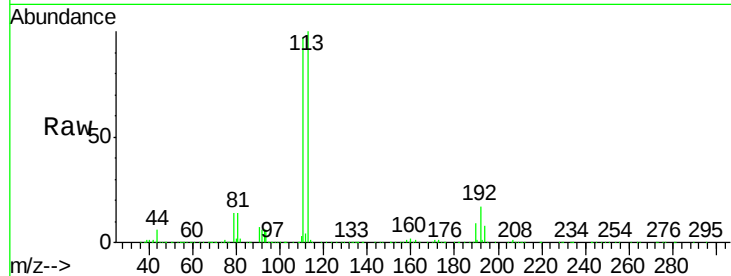




#35
 Dibromofluoromethane
 Concen: 41.548 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VF062866.D
 Acq: 5 Jun 2019 15:38

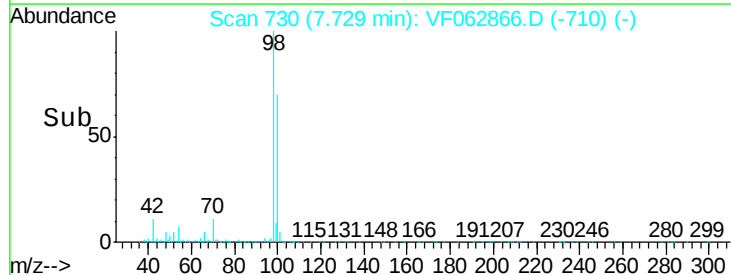
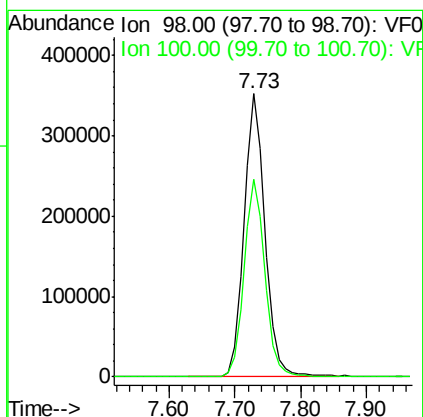
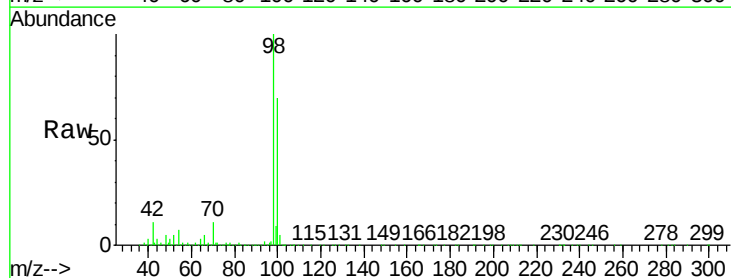
Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-060419-A

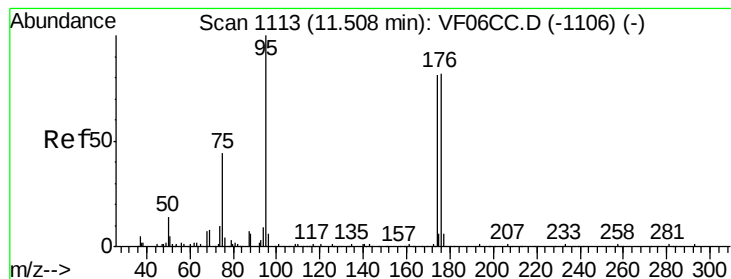
Tot Ion:113 Resp: 381374
 Ion Ratio Lower Upper
 113 100
 111 97.0 81.9 122.9
 192 17.2 15.1 22.7



#50
 Toluene-d8
 Concen: 34.090 ug/l
 RT: 7.73 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: VF062866.D
 Acq: 5 Jun 2019 15:38

Tgt Ion: 98 Resp: 791303
 Ion Ratio Lower Upper
 98 100
 100 70.0 59.8 89.8





#62

4-Bromofluorobenzene

Concen: 35.144 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062866.D

Acq: 5 Jun 2019 15:38

Instrument :

MSVOA_F

ClientSampleId :

SU-02-060419-A

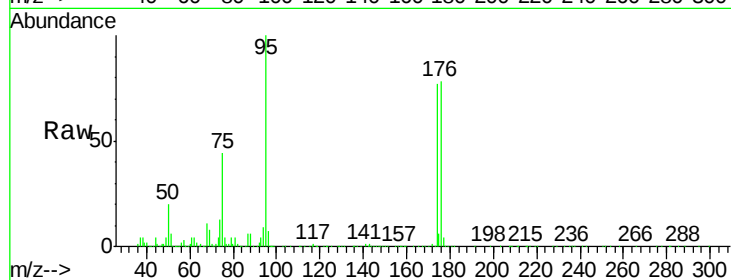
Tot Ion: 95 Resp: 293438

Ion Ratio Lower Upper

95 100

174 76.8 0.0 170.6

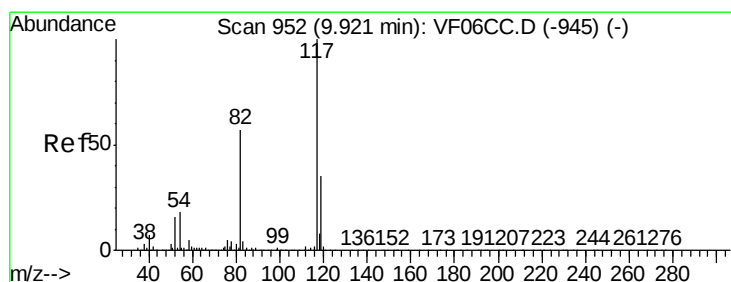
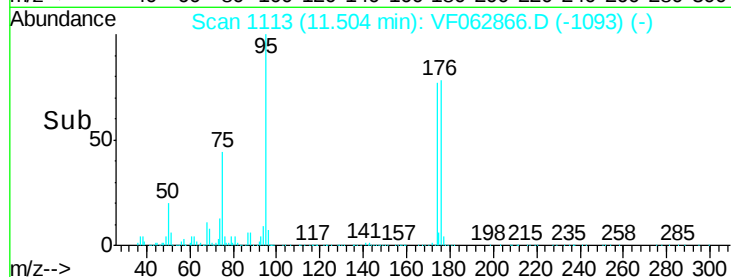
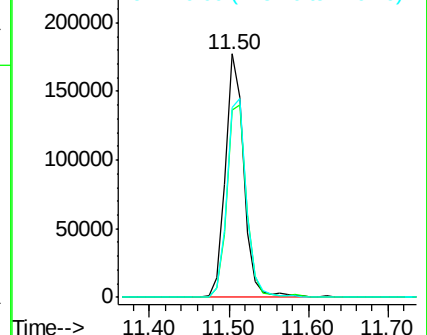
176 78.1 0.0 170.6



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: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF062866.D

Acq: 5 Jun 2019 15:38

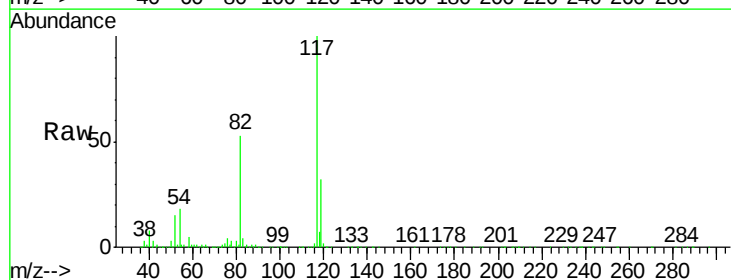
Tgt Ion: 117 Resp: 1013903

Ion Ratio Lower Upper

117 100

82 52.9 42.4 63.6

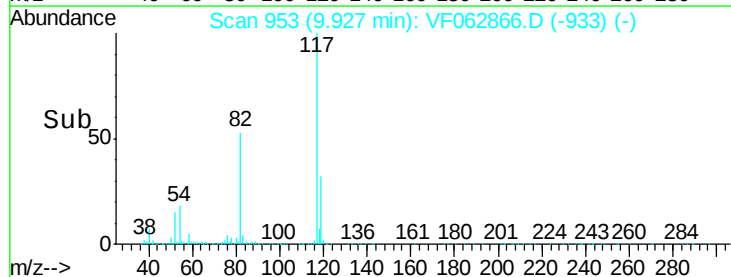
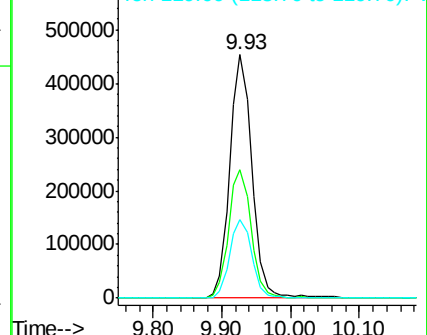
119 32.3 27.1 40.7

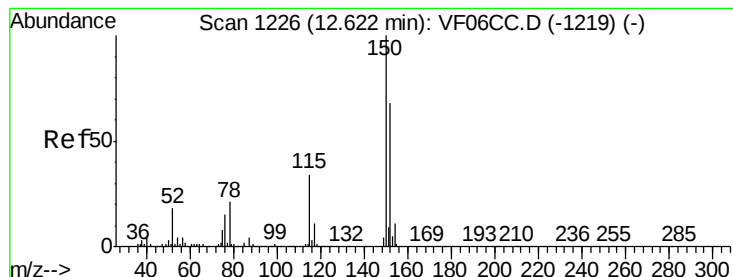


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062866.D

Acq: 5 Jun 2019 15:38

Instrument :

MSVOA_F

ClientSampleId :

SU-02-060419-A

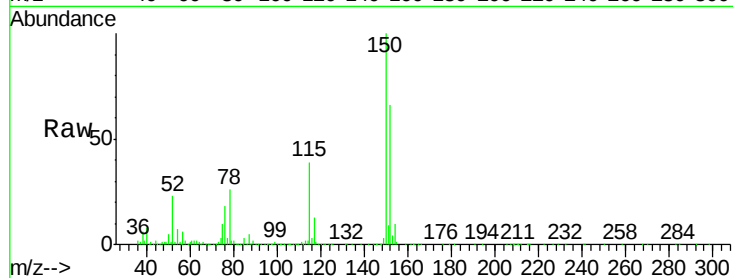
Tot Ion:152 Resp: 369558

Ion Ratio Lower Upper

152 100

115 59.2 24.6 74.0

150 152.6 0.0 290.6



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

