

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060519\
 Data File : VF062872.D
 Acq On : 5 Jun 2019 18:26
 Operator : FY/SY
 Sample : K3183-03
 Misc : 6.15g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-COMP-2

Quant Time: Jun 06 08:28:30 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

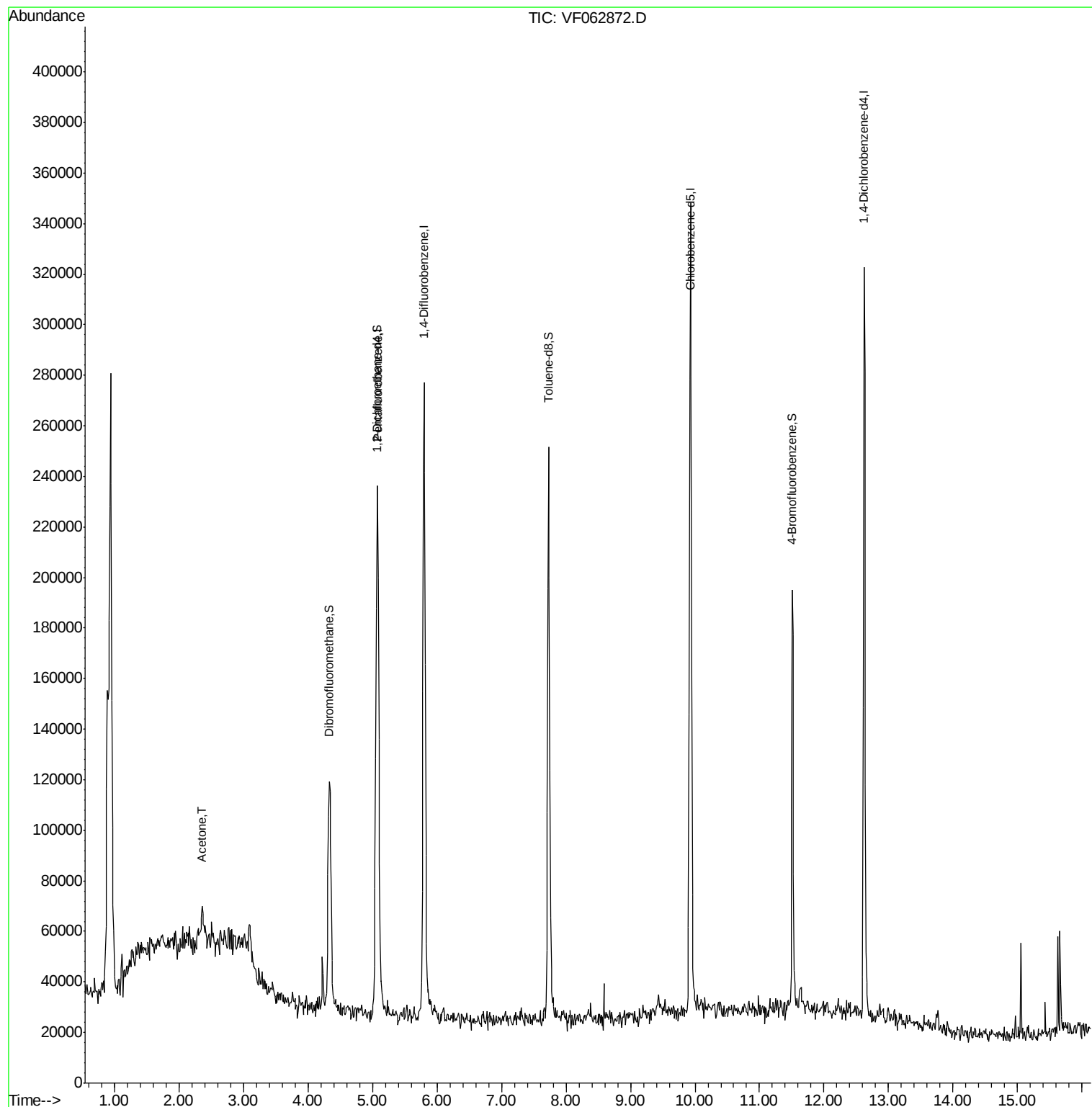
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	209373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	315080	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	251389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	82740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	42718	29.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.00%	
35) Dibromofluoromethane	4.34	113	92890	39.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.02%	
50) Toluene-d8	7.73	98	201205	33.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.84%	
62) 4-Bromofluorobenzene	11.51	95	61635	28.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.92%	
Target Compounds						
16) Acetone	2.36	43	20365	61.456	ug/l	Qvalue 98

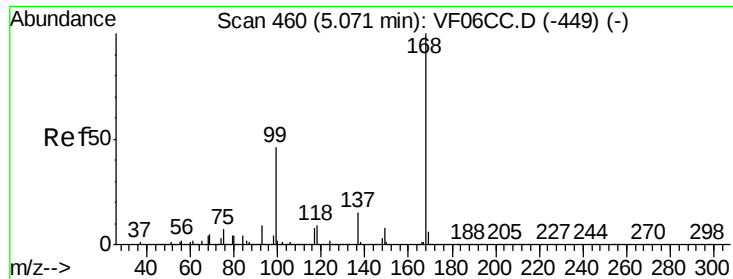
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.01 min

Lab File: VF062872.D

Acq: 5 Jun 2019 18:26

Instrument :

MSVOA_F

ClientSampleId :

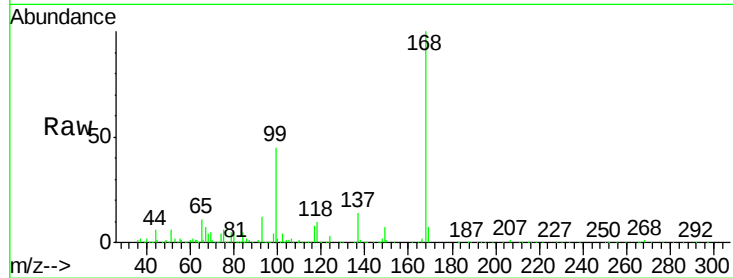
SP-COMP-2

Tot Ion:168 Resp: 209373

Ion Ratio Lower Upper

168 100

99 45.1 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

80000

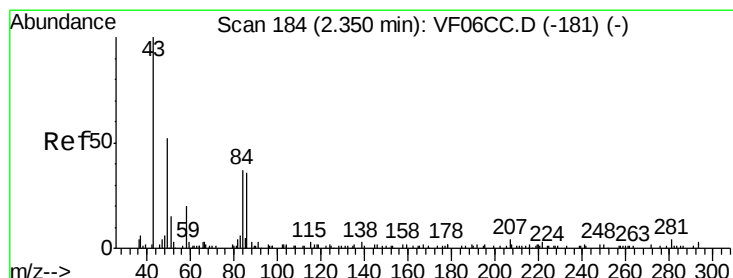
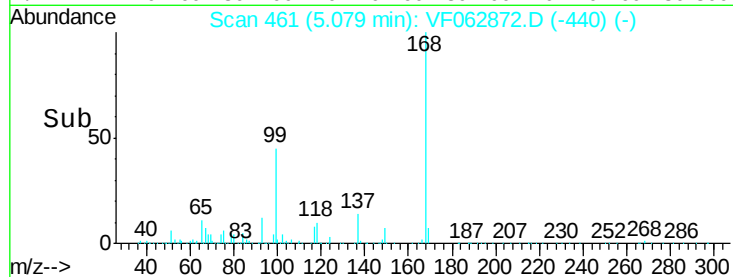
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 61.456 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF062872.D

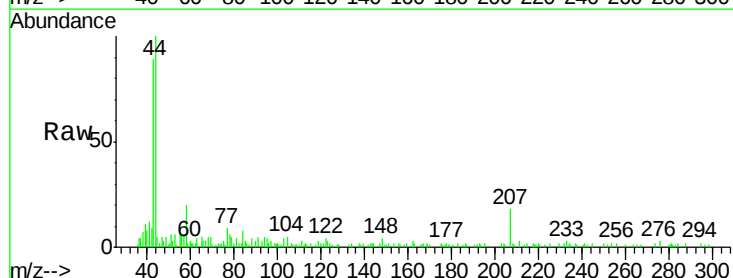
Acq: 5 Jun 2019 18:26

Tgt Ion: 43 Resp: 20365

Ion Ratio Lower Upper

43 100

58 22.8 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

10000

8000

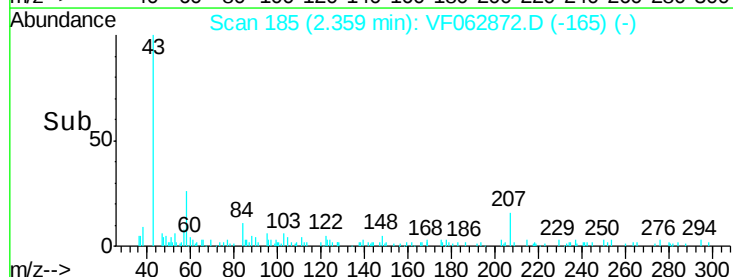
6000

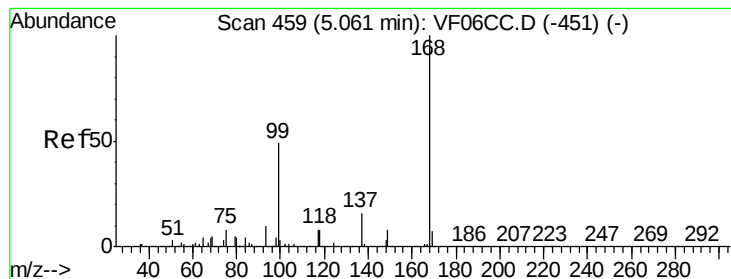
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 29.505 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF062872.D

Acq: 5 Jun 2019 18:26

Instrument :

MSVOA_F

ClientSampleId :

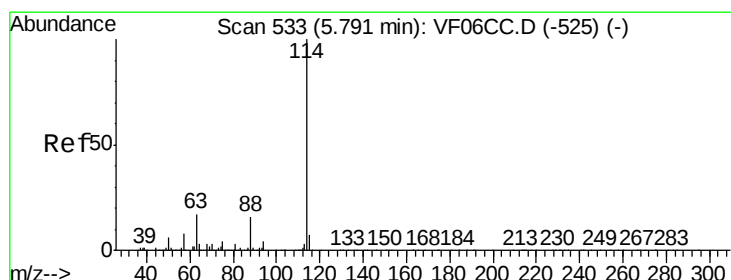
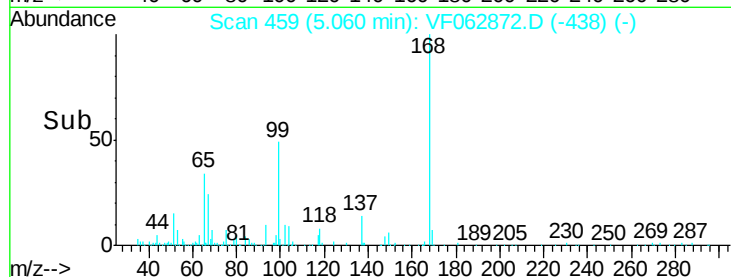
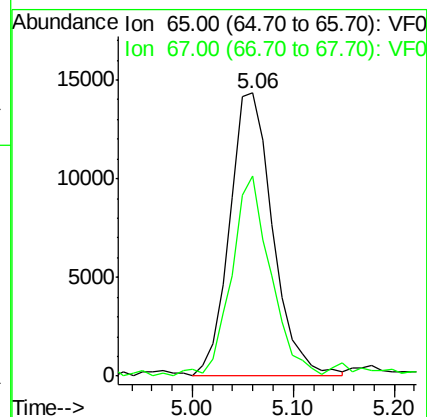
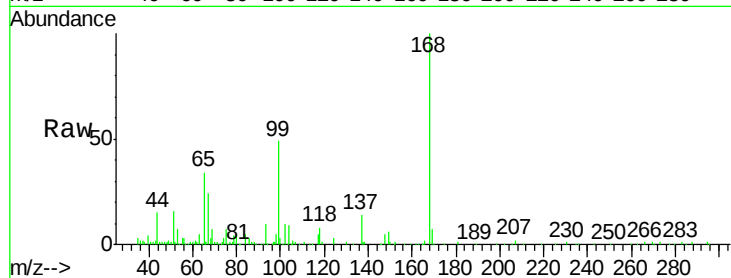
SP-COMP-2

Tot Ion: 65 Resp: 42718

Ion Ratio Lower Upper

65 100

67 69.1 0.0 121.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. -0.00 min

Lab File: VF062872.D

Acq: 5 Jun 2019 18:26

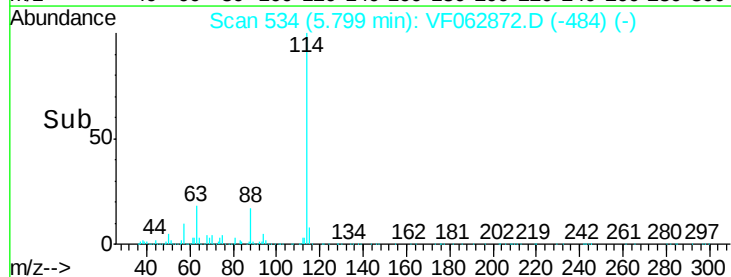
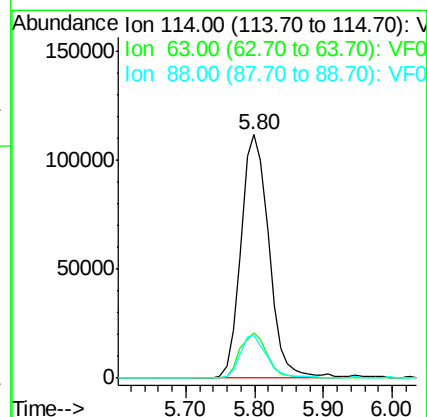
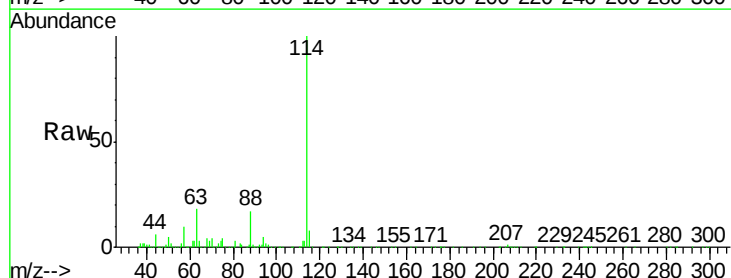
Tgt Ion: 114 Resp: 315080

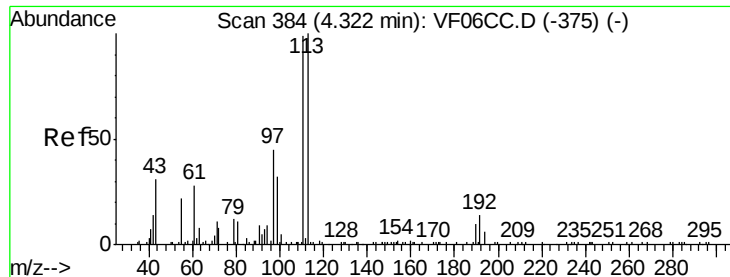
Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.2

88 17.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 39.015 ug/l

RT: 4.34 min Scan# 386

Delta R.T. 0.01 min

Lab File: VF062872.D

Acq: 5 Jun 2019 18:26

Instrument :

MSVOA_F

ClientSampleId :

SP-COMP-2

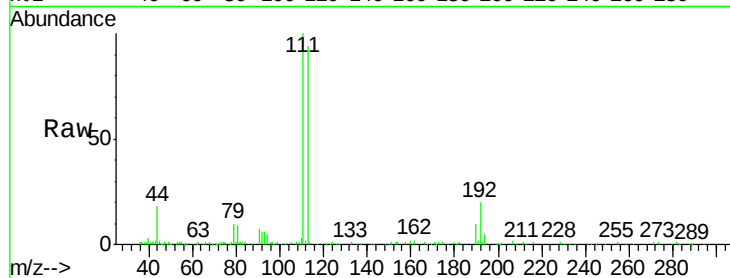
Tot Ion:113 Resp: 92890

Ion Ratio Lower Upper

113 100

111 106.1 81.9 122.9

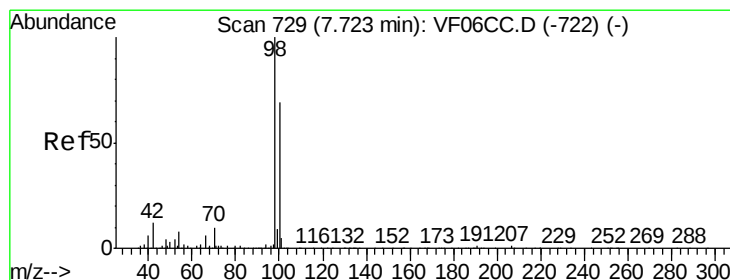
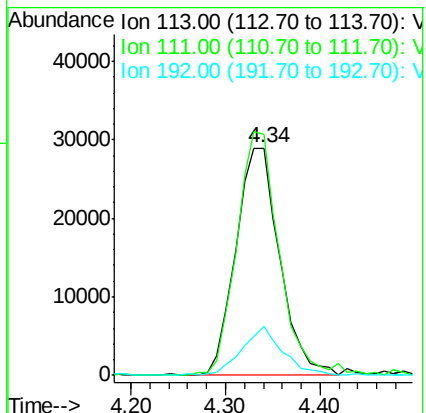
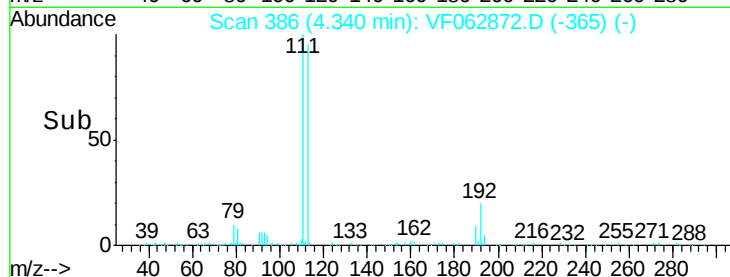
192 21.5 15.1 22.7



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: 33.418 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.00 min

Lab File: VF062872.D

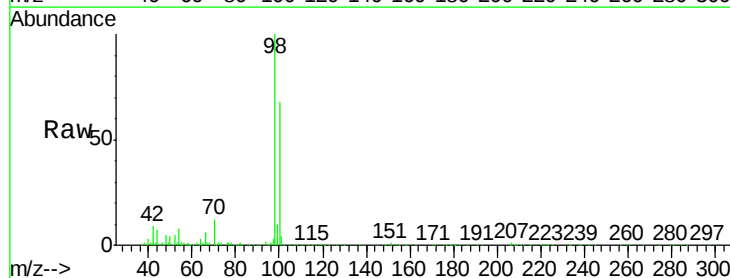
Acq: 5 Jun 2019 18:26

Tgt Ion: 98 Resp: 201205

Ion Ratio Lower Upper

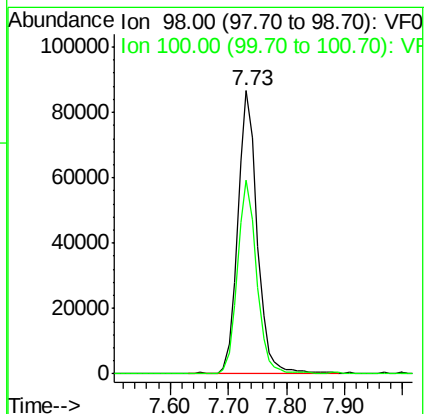
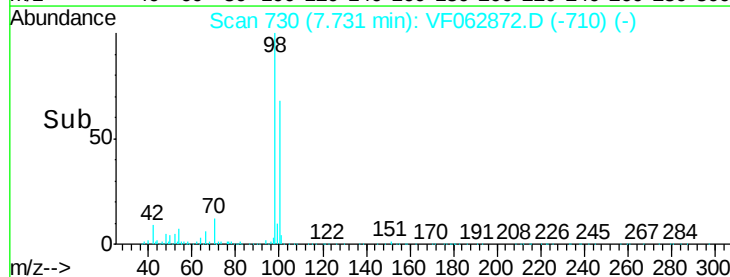
98 100

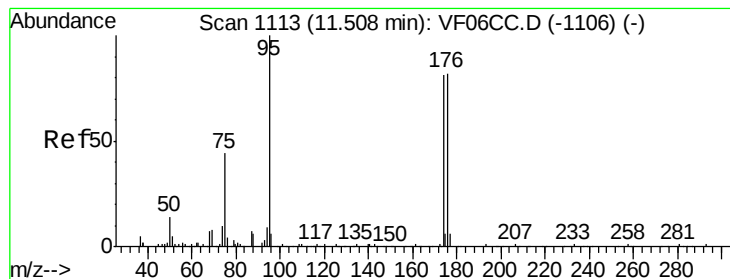
100 68.4 59.8 89.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 28.459 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF062872.D

Acq: 5 Jun 2019 18:26

Instrument :

MSVOA_F

ClientSampleId :

SP-COMP-2

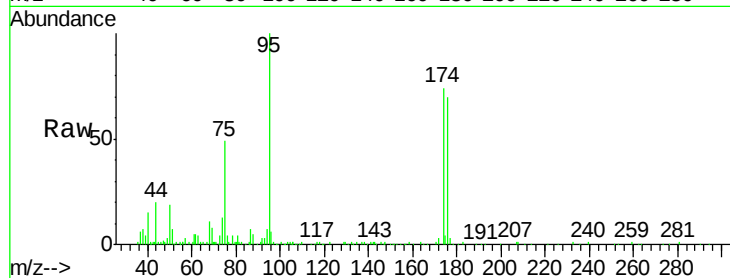
Tot Ion: 95 Resp: 61635

Ion Ratio Lower Upper

95 100

174 73.7 0.0 170.6

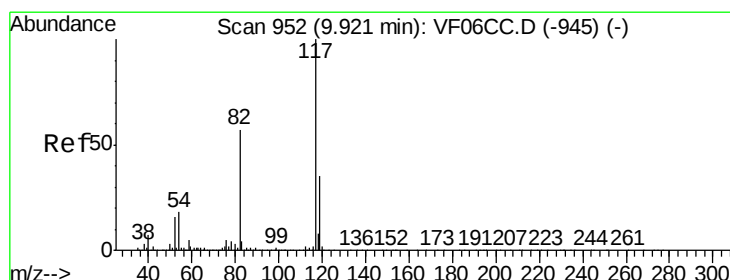
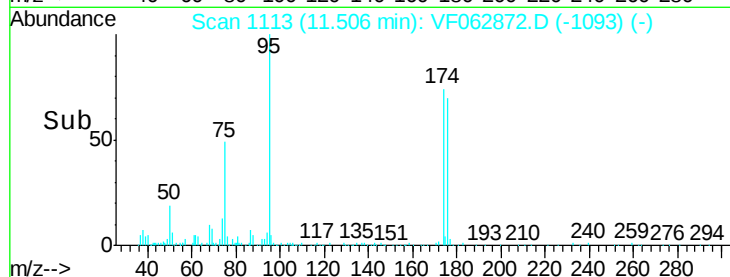
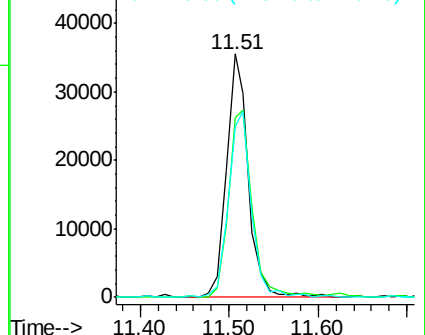
176 70.1 0.0 170.6



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. -0.00 min

Lab File: VF062872.D

Acq: 5 Jun 2019 18:26

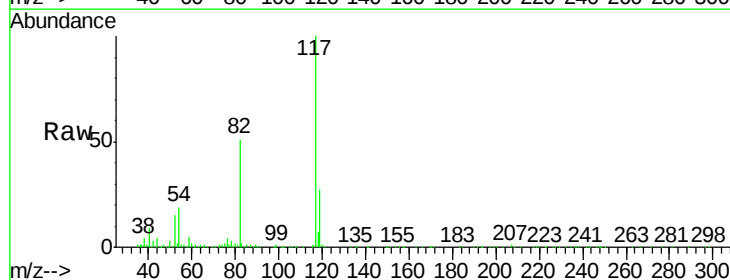
Tgt Ion: 117 Resp: 251389

Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

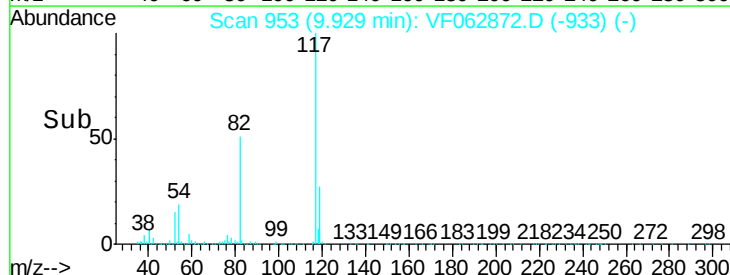
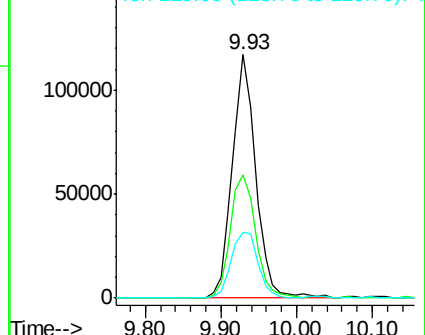
119 27.0 27.1 40.7#

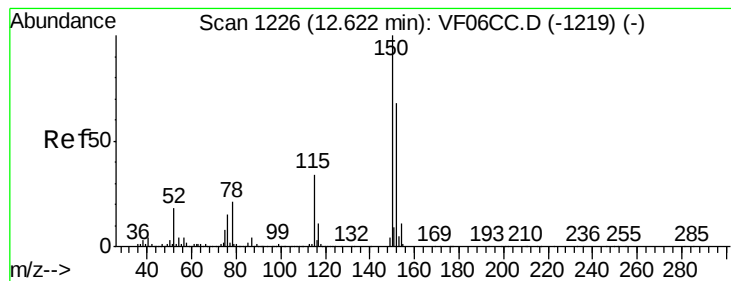


Abundance Ion 117.00 (116.70 to 117.70): VF0

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. -0.00 min

Lab File: VF062872.D

Acq: 5 Jun 2019 18:26

Instrument :

MSVOA_F

ClientSampleId :

SP-COMP-2

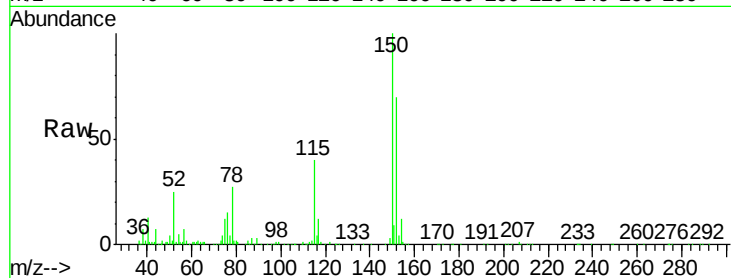
Tot Ion:152 Resp: 82740

Ion Ratio Lower Upper

152 100

115 57.3 24.6 74.0

150 143.6 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

