

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\
 Data File : VF059464.D
 Acq On : 6 Jul 2018 21:57
 Operator : VA/AP
 Sample : J3855-03
 Misc : 5.93g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-10(6-6.5)

Quant Time: Jul 07 04:16:24 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	5.01	168	162103	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.73	114	245187	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	248387	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	171361	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.99	65	125630	59.99	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	119.98%	
35) Dibromofluoromethane	4.26	113	106902	59.67	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	119.34%	
50) Toluene-d8	7.68	98	225320	50.80	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.49	95	139555	55.78	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	111.56%	

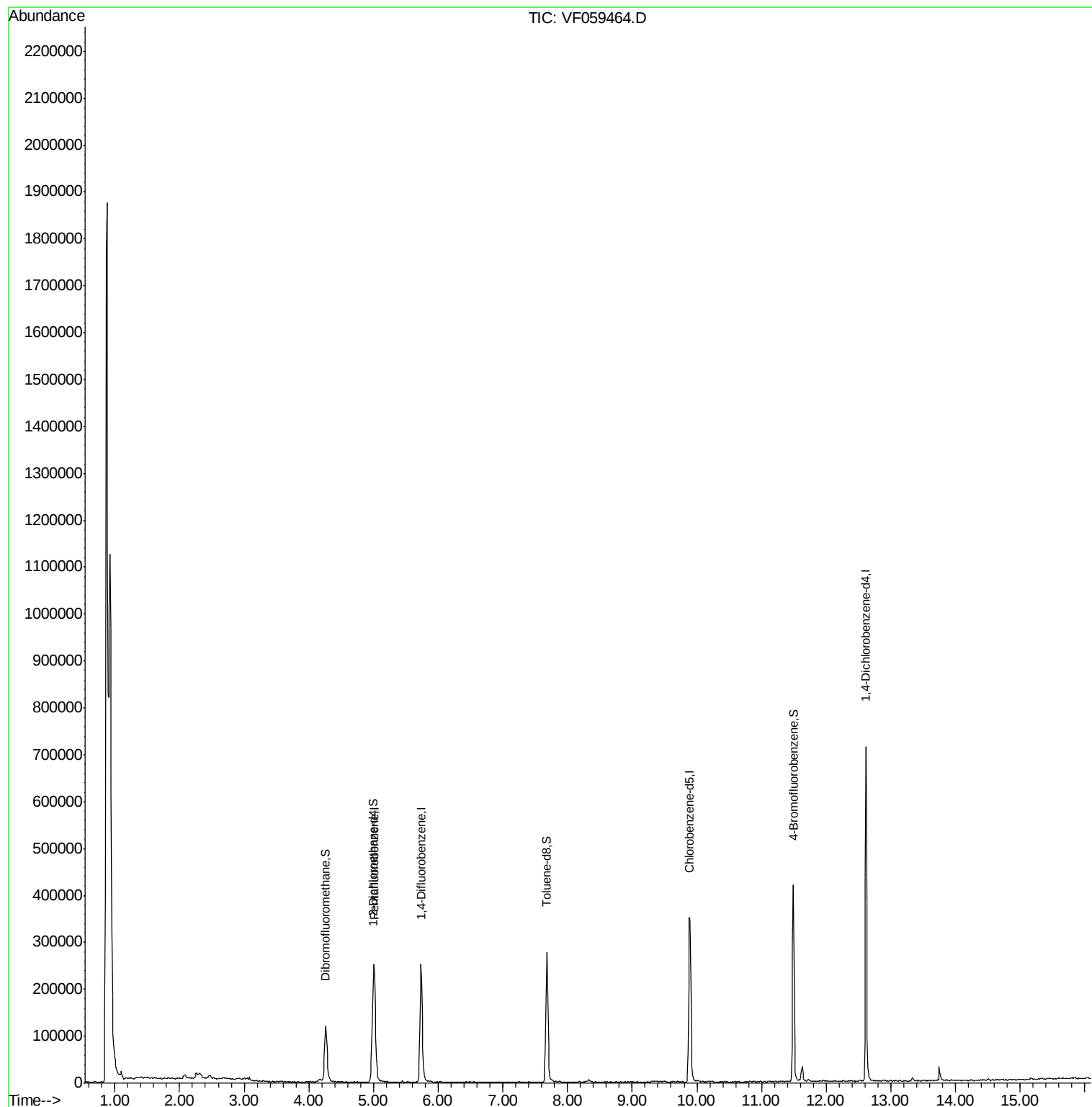
Target Compounds	Qvalue

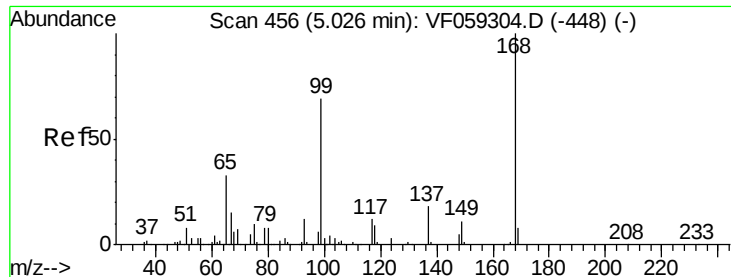
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059464.D

Acq: 6 Jul 2018 21:57

Instrument :

MSVOA_F

ClientSampleId :

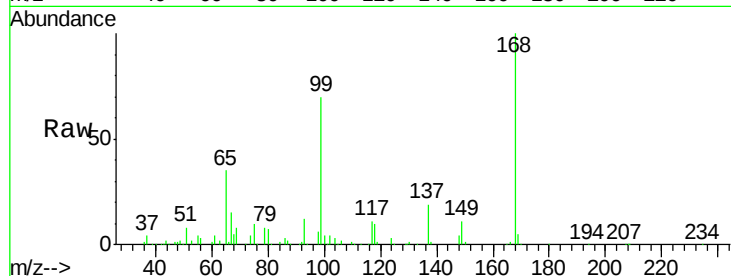
S-10(6-6.5)

Tot Ion:168 Resp: 162103

Ion Ratio Lower Upper

168 100

99 70.5 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

60000

50000

40000

30000

20000

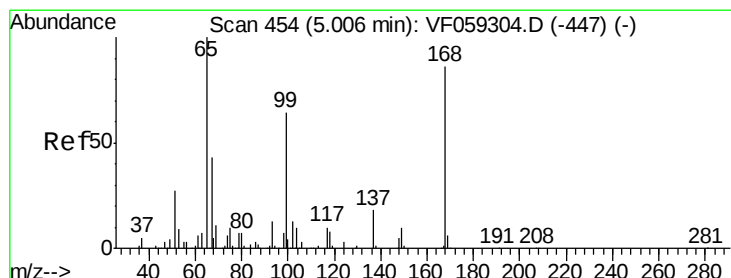
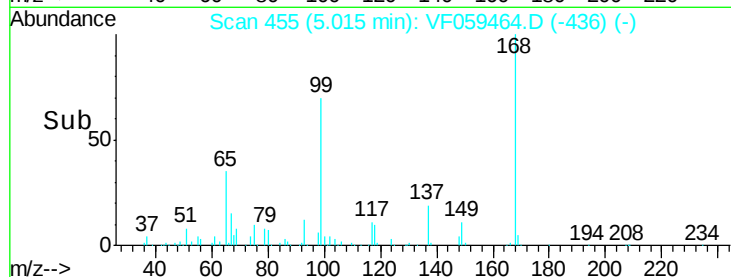
10000

0

Time-->

4.90 5.00 5.10 5.20

5.01



#33

1,2-Dichloroethane-d4

Concen: 59.99 ug/l

RT: 4.99 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059464.D

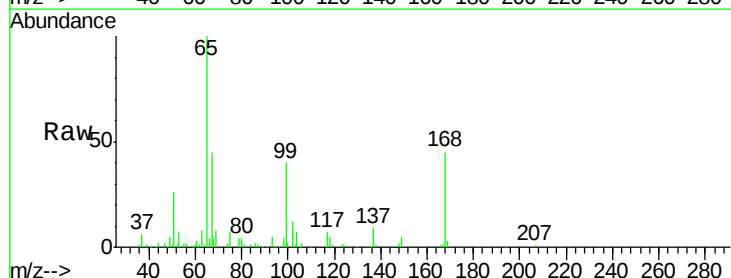
Acq: 6 Jul 2018 21:57

Tgt Ion: 65 Resp: 125630

Ion Ratio Lower Upper

65 100

67 44.9 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

50000

40000

30000

20000

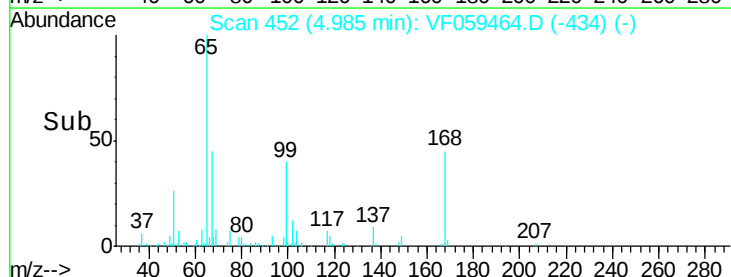
10000

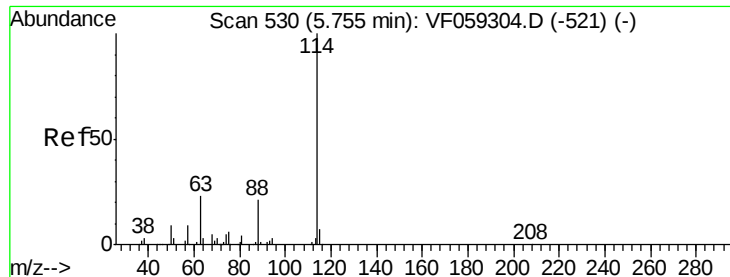
0

Time-->

4.80 4.90 5.00 5.10 5.20

4.99





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.73 min Scan# 528

Delta R.T. -0.02 min

Lab File: VF059464.D

Acq: 6 Jul 2018 21:57

Instrument :

MSVOA_F

ClientSampleId :

S-10(6-6.5)

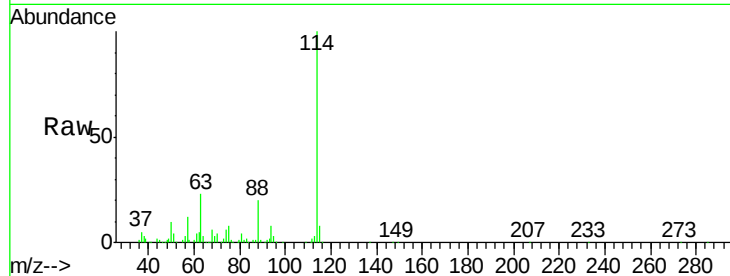
Tot Ion:114 Resp: 245187

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.8

88 19.5 0.0 41.2

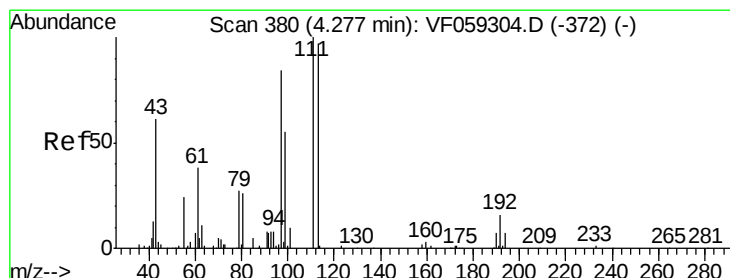
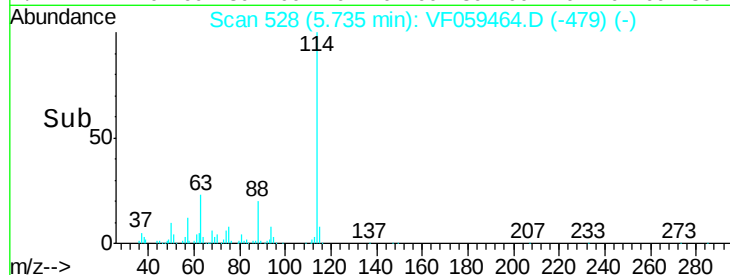
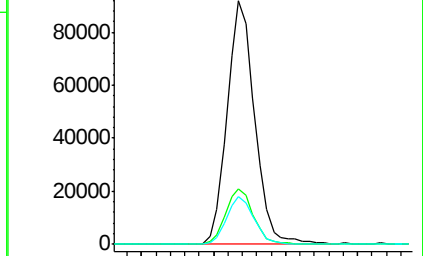


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

5.73



#35

Dibromofluoromethane

Concen: 59.67 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.02 min

Lab File: VF059464.D

Acq: 6 Jul 2018 21:57

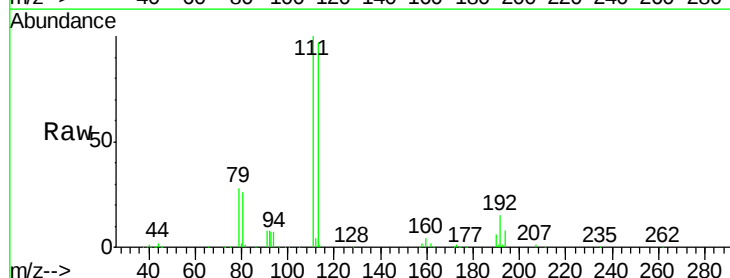
Tgt Ion:113 Resp: 106902

Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

192 15.1 13.0 19.6

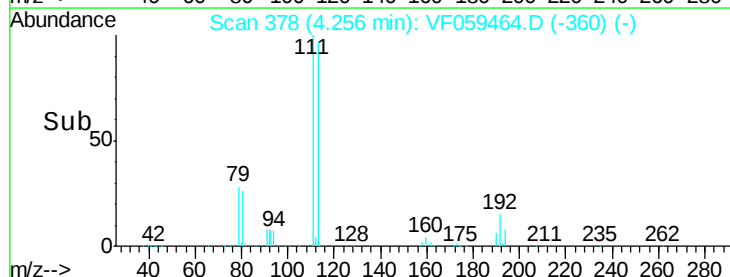
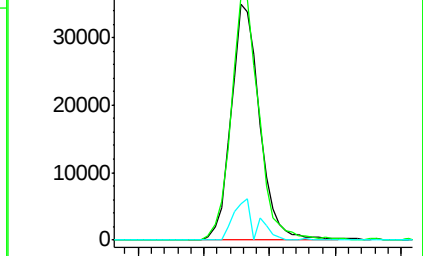


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

4.26





#50

Toluene-d8

Concen: 50.80 ug/l

RT: 7.68 min Scan# 725

Delta R.T. -0.02 min

Lab File: VF059464.D

Acq: 6 Jul 2018 21:57

Instrument :

MSVOA_F

ClientSampleId :

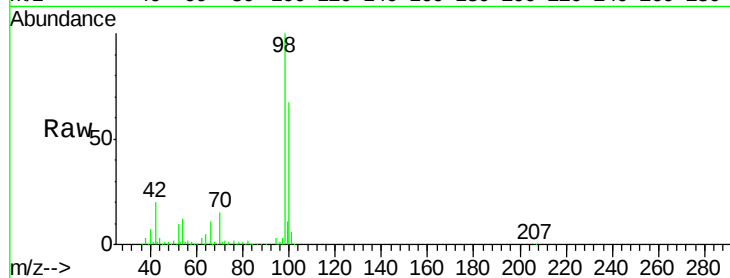
S-10(6-6.5)

Tot Ion: 98 Resp: 225320

Ion Ratio Lower Upper

98 100

100 66.8 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.68

100000

80000

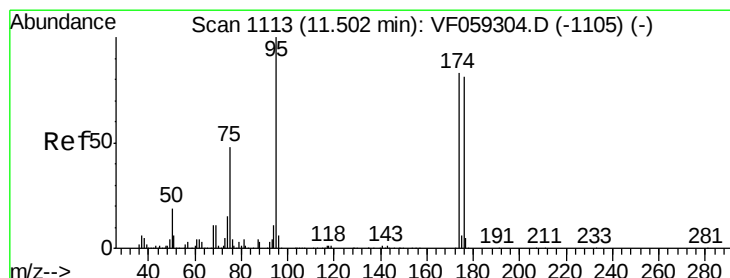
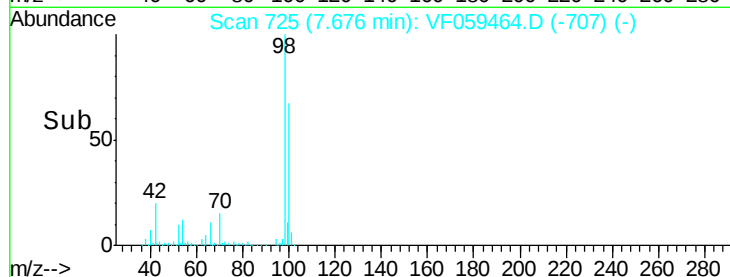
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.78 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059464.D

Acq: 6 Jul 2018 21:57

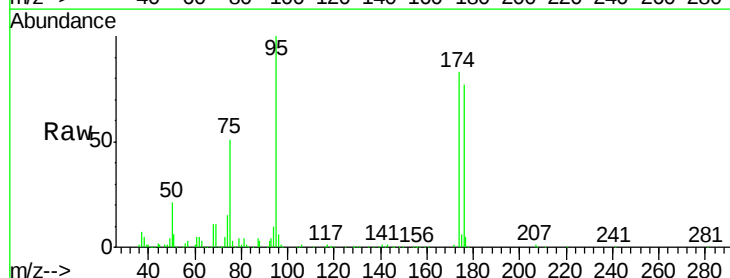
Tgt Ion: 95 Resp: 139555

Ion Ratio Lower Upper

95 100

174 83.3 0.0 165.2

176 76.9 0.0 161.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.49

100000

80000

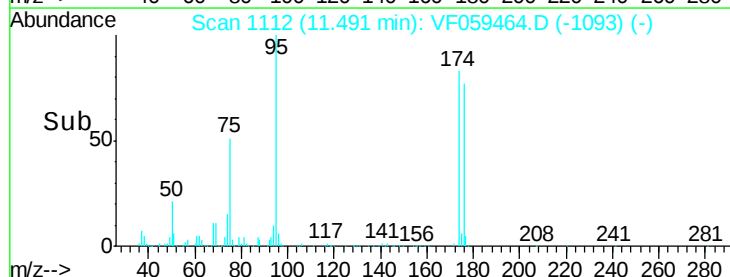
60000

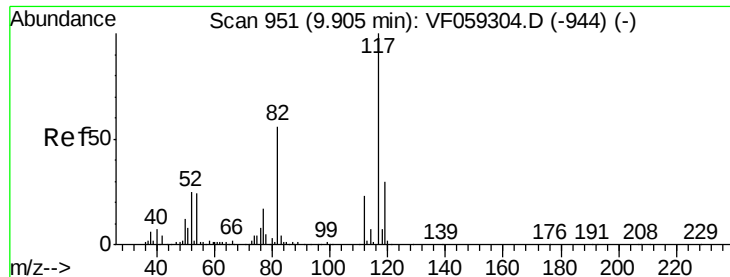
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.89 min Scan# 950

Delta R.T. -0.01 min

Lab File: VF059464.D

Acq: 6 Jul 2018 21:57

Instrument :

MSVOA_F

ClientSampleId :

S-10(6-6.5)

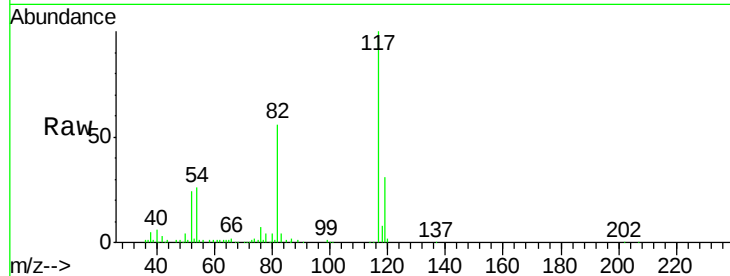
Tot Ion:117 Resp: 248387

Ion Ratio Lower Upper

117 100

82 55.8 44.6 66.8

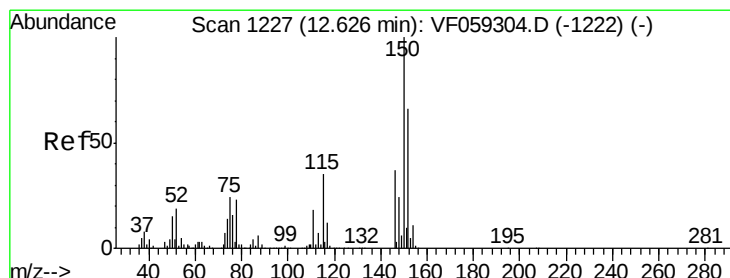
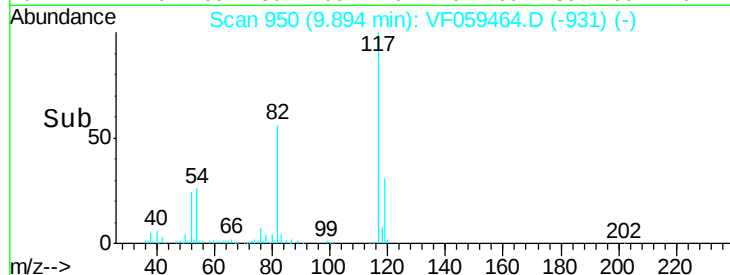
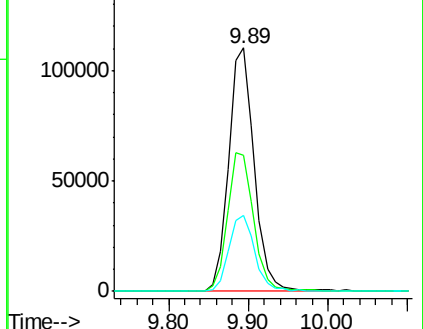
119 31.0 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.61 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF059464.D

Acq: 6 Jul 2018 21:57

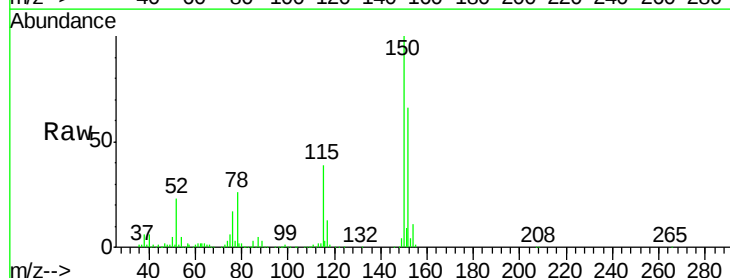
Tgt Ion:152 Resp: 171361

Ion Ratio Lower Upper

152 100

115 59.6 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

