

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005097.D
 Acq On : 06 Oct 2018 05:59
 Operator : JC/MD
 Sample : J5224-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-GMZ4-TB1

Quant Time: Oct 08 13:31:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220905	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	321559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176429	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	166657	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
35) Dibromofluoromethane	5.51	113	145111	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
50) Toluene-d8	8.71	98	456656	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.14	95	166369	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	

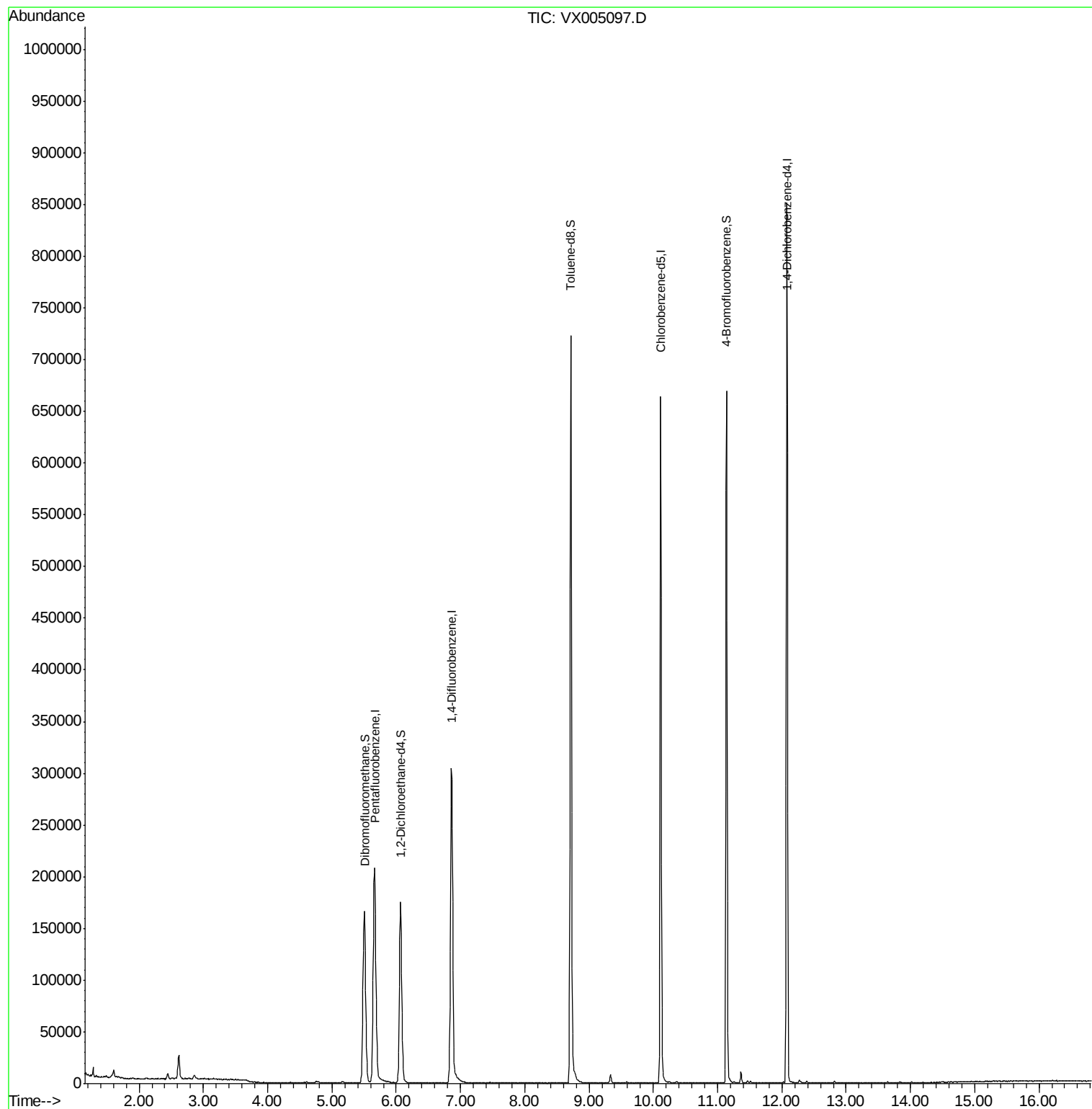
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005097.D

Acq: 06 Oct 2018 05:59

Instrument :

MSVOA_X

ClientSampleId :

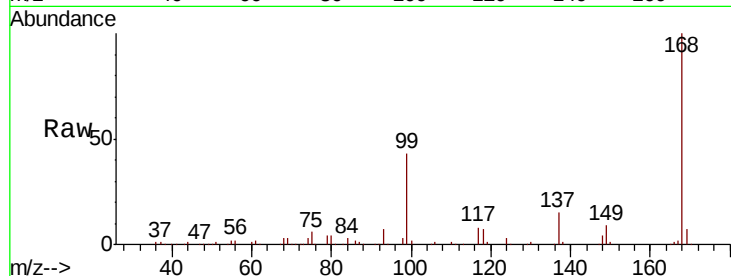
FA18-GMZ4-TB1

Tot Ion:168 Resp: 220905

Ion Ratio Lower Upper

168 100

99 42.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

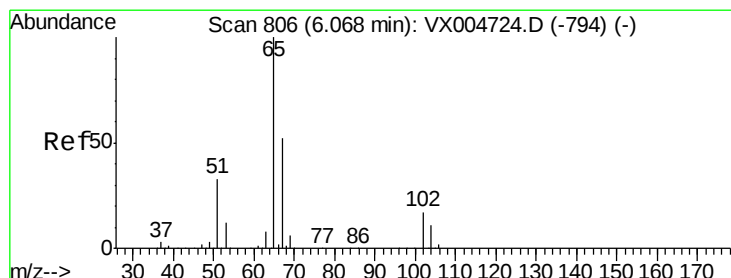
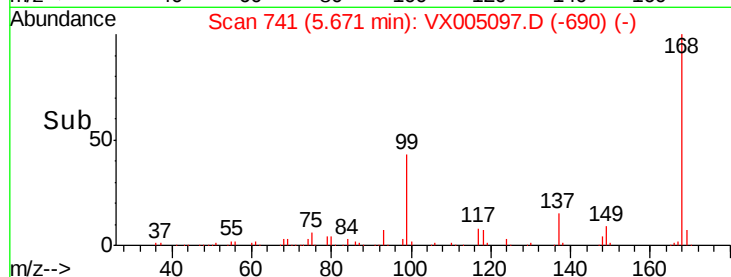
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.813 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005097.D

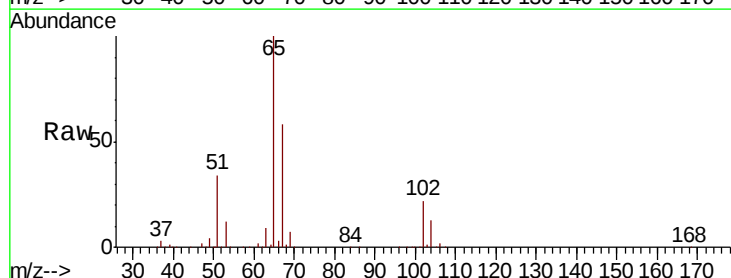
Acq: 06 Oct 2018 05:59

Tgt Ion: 65 Resp: 166657

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

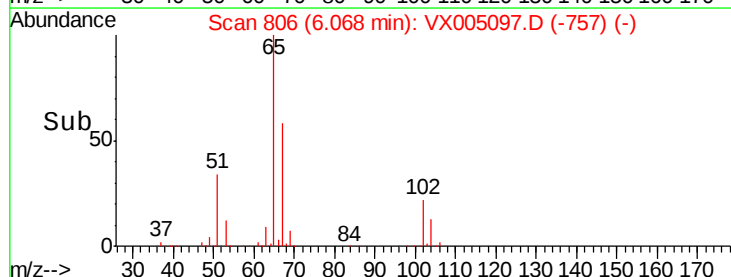
60000

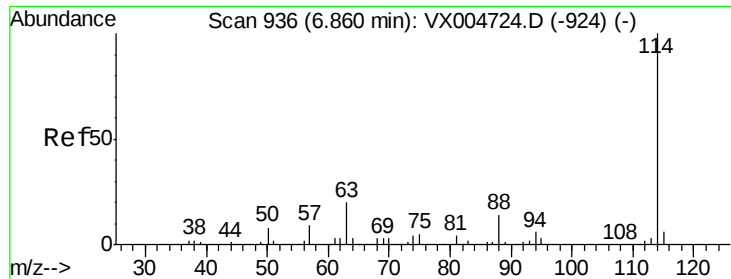
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

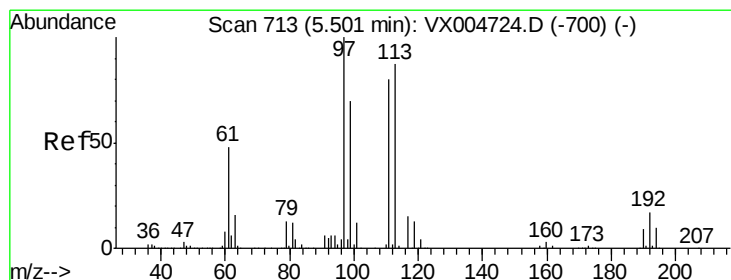
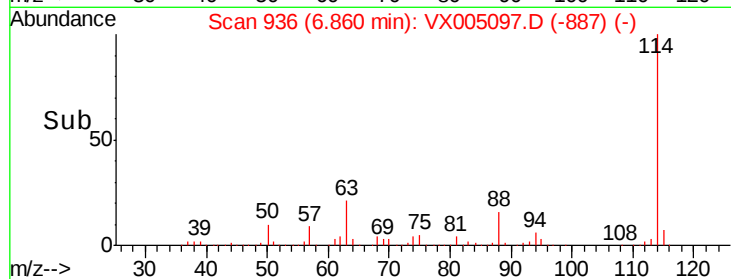
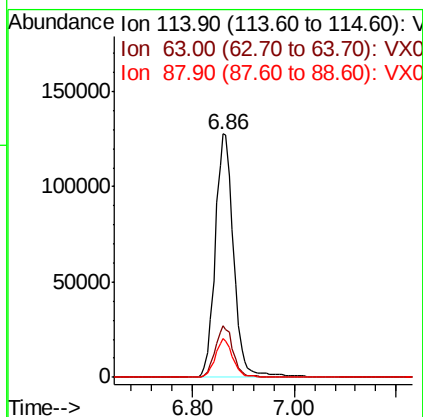
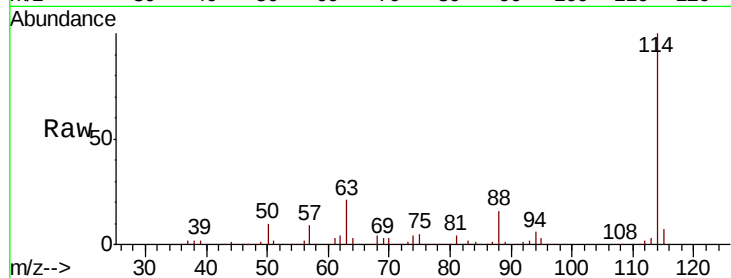




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005097.D
 Acq: 06 Oct 2018 05:59

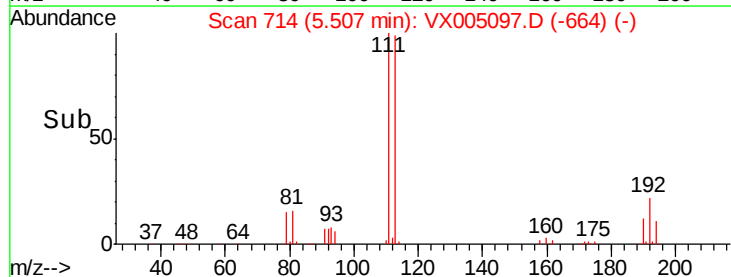
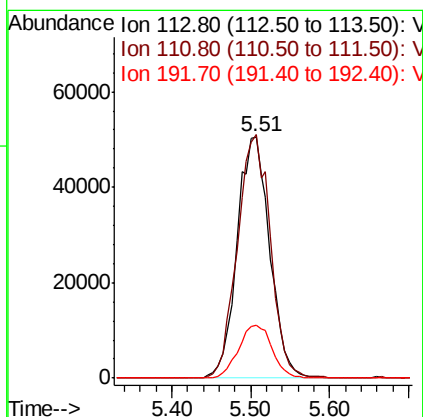
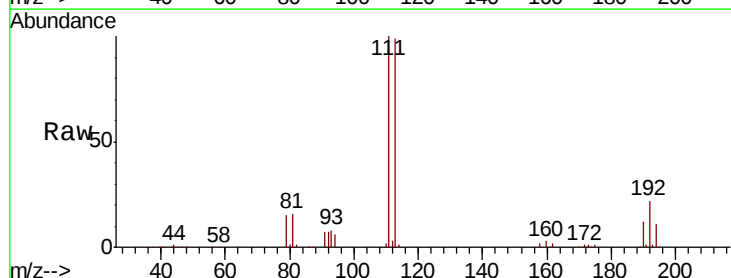
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-GMZ4-TB1

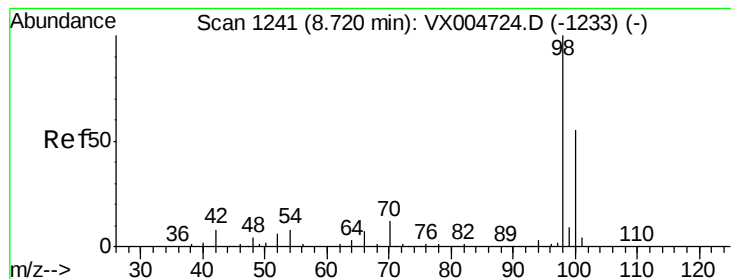
Tot Ion:114 Resp: 321559
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.8
 88 15.8 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 53.247 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005097.D
 Acq: 06 Oct 2018 05:59

Tgt Ion:113 Resp: 145111
 Ion Ratio Lower Upper
 113 100
 111 102.3 77.0 115.4
 192 22.7 17.0 25.6





#50

Toluene-d8

Concen: 50.403 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX005097.D

Acq: 06 Oct 2018 05:59

Instrument :

MSVOA_X

ClientSampleId :

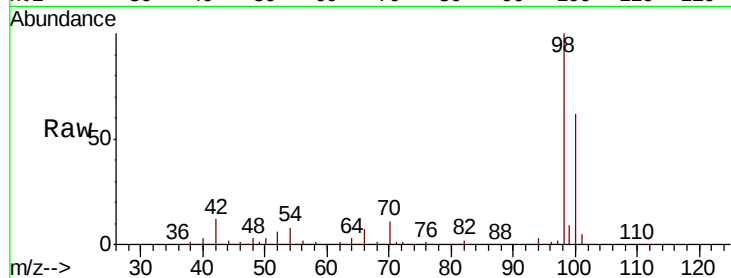
FA18-GMZ4-TB1

Tot Ion: 98 Resp: 456656

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

250000

200000

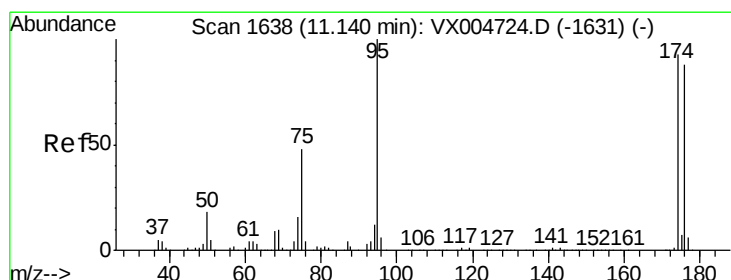
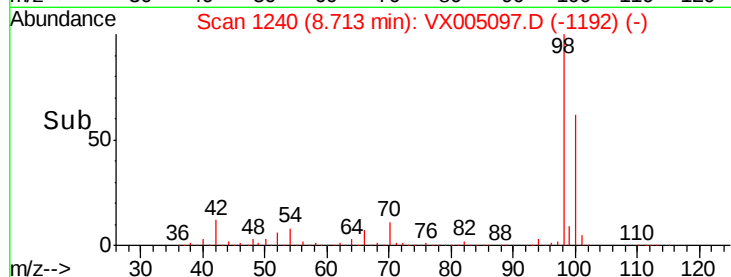
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.972 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005097.D

Acq: 06 Oct 2018 05:59

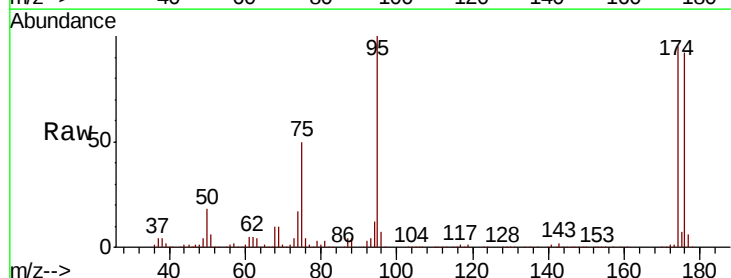
Tgt Ion: 95 Resp: 166369

Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.0

176 89.4 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

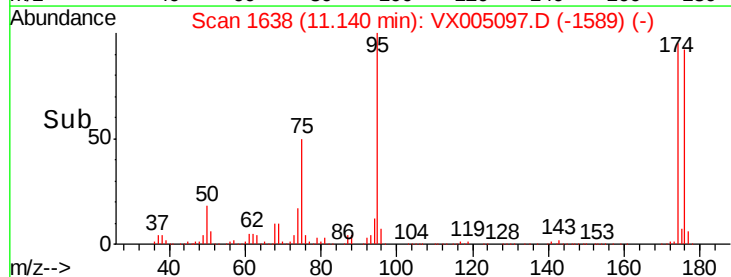
150000

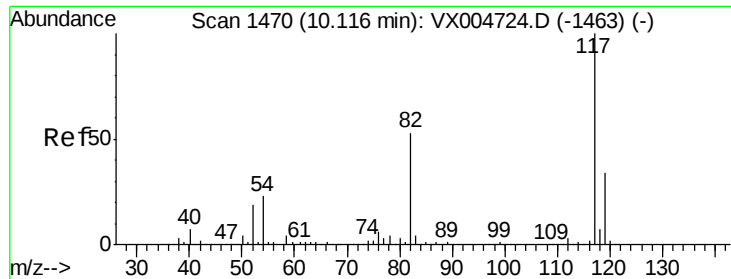
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005097.D

Acq: 06 Oct 2018 05:59

Instrument :

MSVOA_X

ClientSampleId :

FA18-GMZ4-TB1

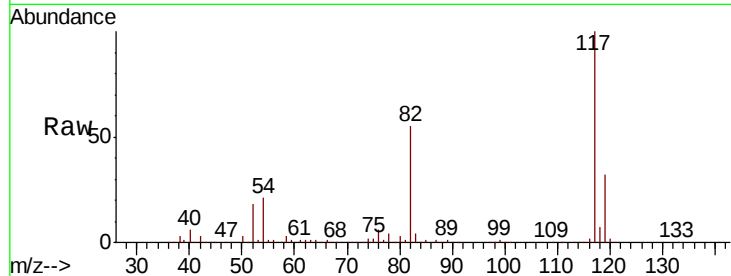
Tot Ion:117 Resp: 311413

Ion Ratio Lower Upper

117 100

82 54.8 42.2 63.4

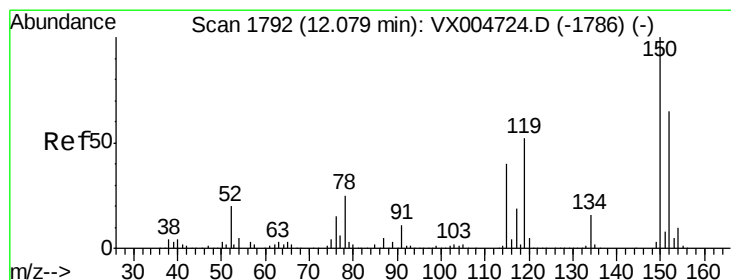
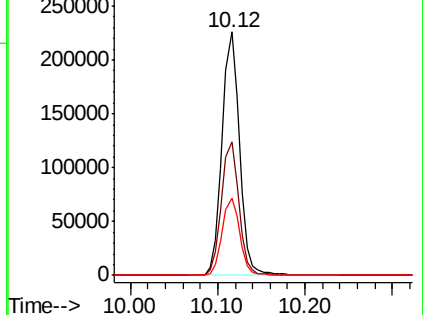
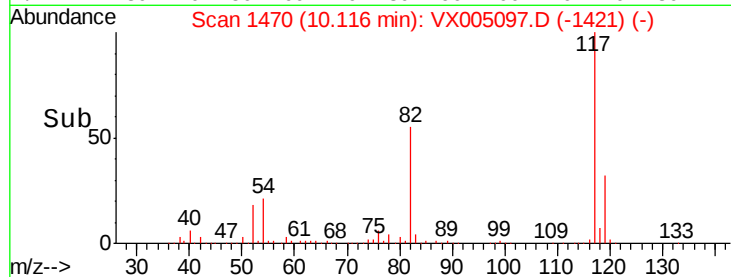
119 31.9 27.4 41.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005097.D

Acq: 06 Oct 2018 05:59

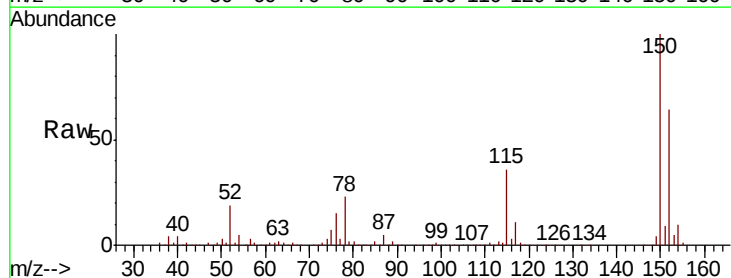
Tgt Ion:152 Resp: 176429

Ion Ratio Lower Upper

152 100

115 55.3 40.2 120.6

150 156.4 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

