

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008324.D
 Acq On : 22 Mar 2019 05:55
 Operator : JC/SP
 Sample : K1945-06 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T4-OZ(POST-HYPO)

Quant Time: Mar 22 10:27:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	187079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108289	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	104978	37.26	ug/l	0.00
Spiked Amount			Recovery	=	74.52%	
35) Dibromofluoromethane	5.49	113	91951	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	331188	46.31	ug/l	0.00
Spiked Amount			Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.13	95	112766	45.80	ug/l	0.00
Spiked Amount			Recovery	=	91.60%	

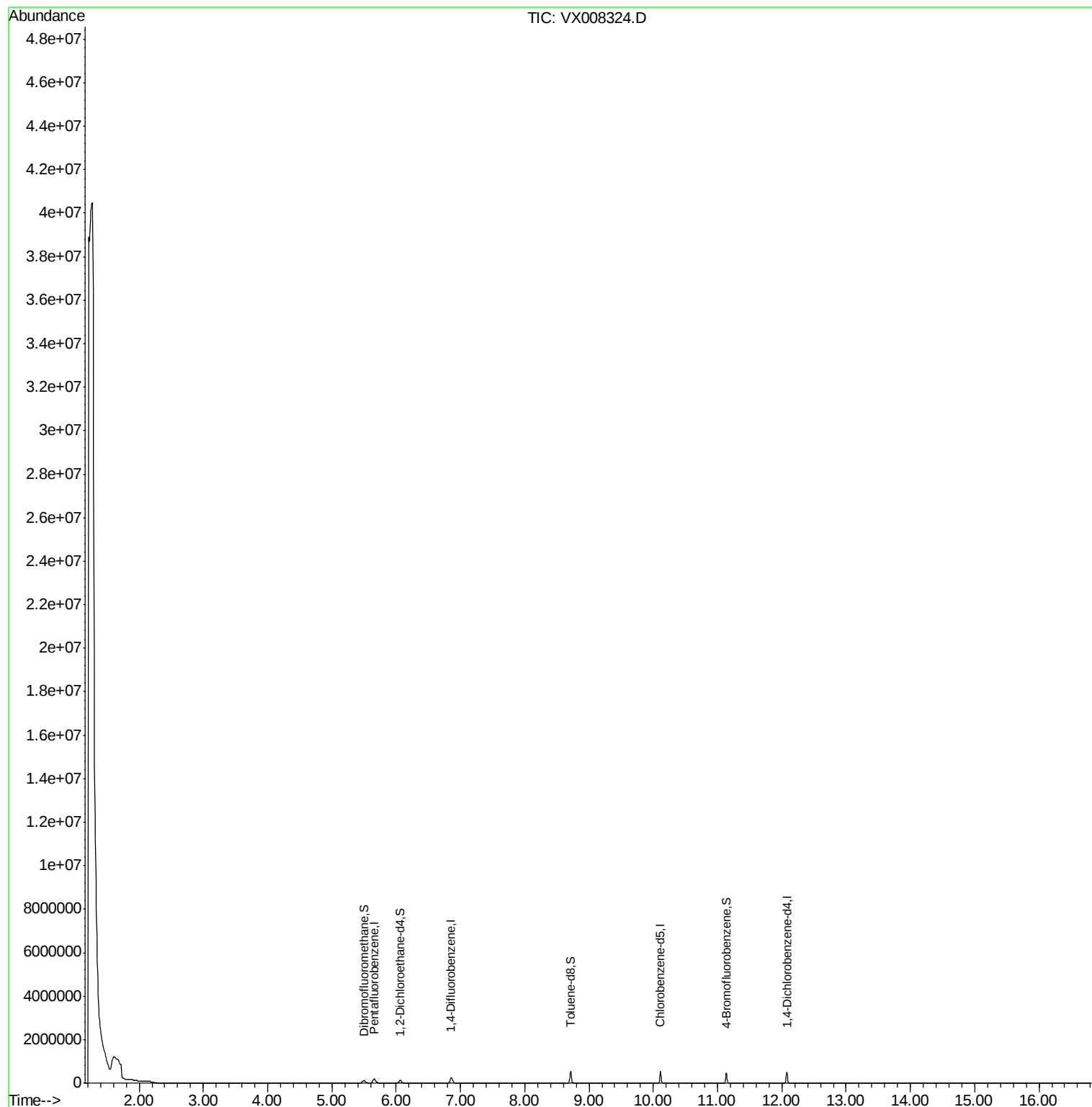
Target Compounds	Qvalue
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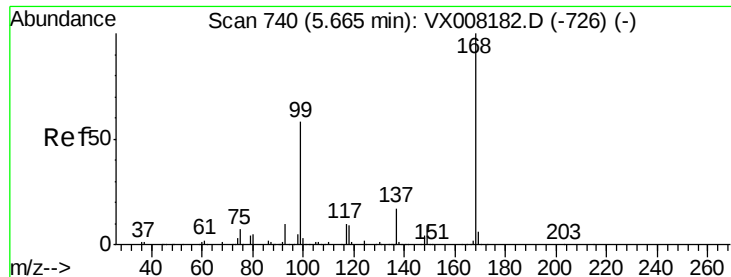
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008324.D

Acq: 22 Mar 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

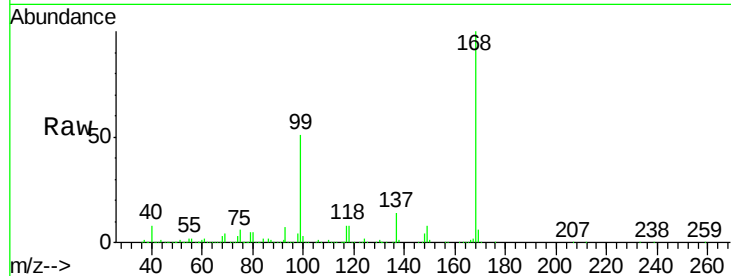
M4-T4-OZ(POST-HYPO)

Tot Ion:168 Resp: 187079

Ion Ratio Lower Upper

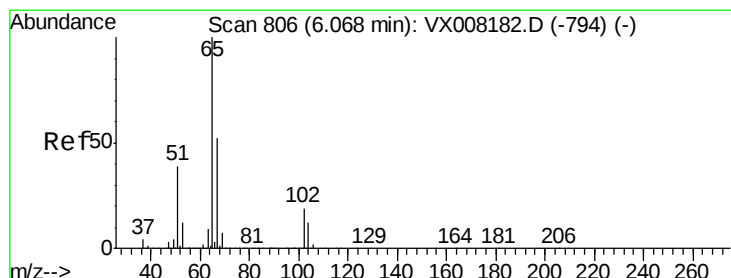
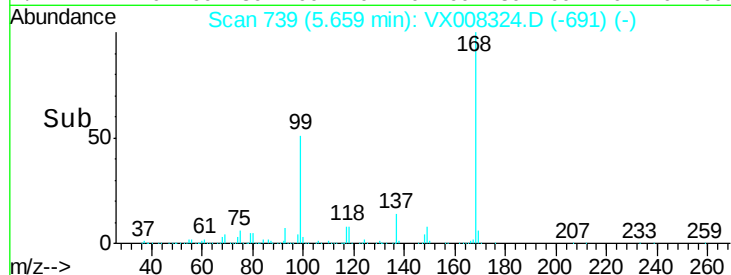
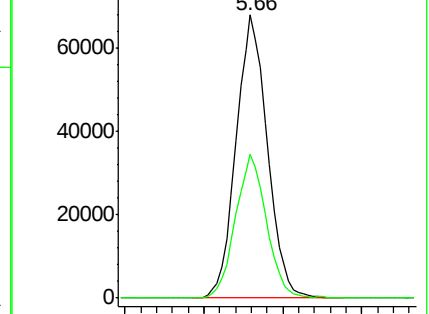
168 100

99 50.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 37.258 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008324.D

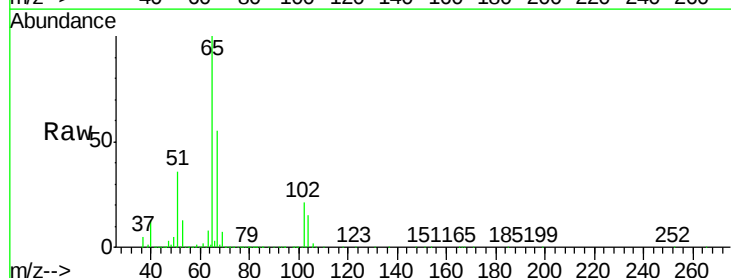
Acq: 22 Mar 2019 05:55

Tgt Ion: 65 Resp: 104978

Ion Ratio Lower Upper

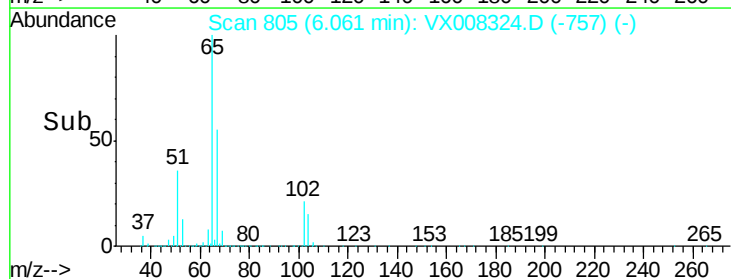
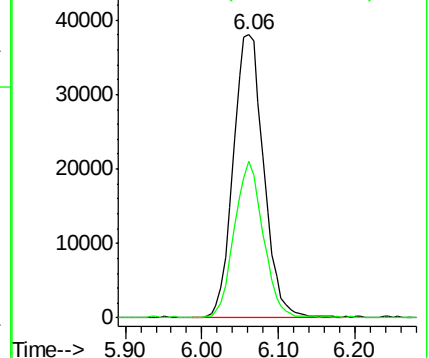
65 100

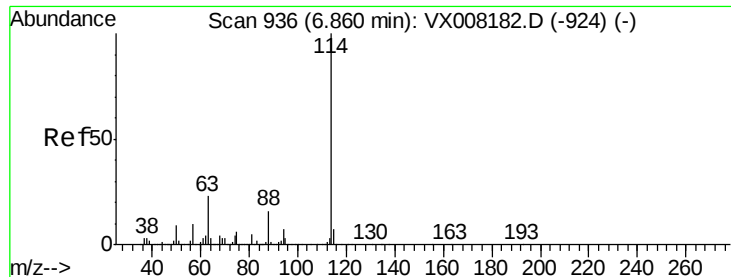
67 52.5 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008324.D

Acq: 22 Mar 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

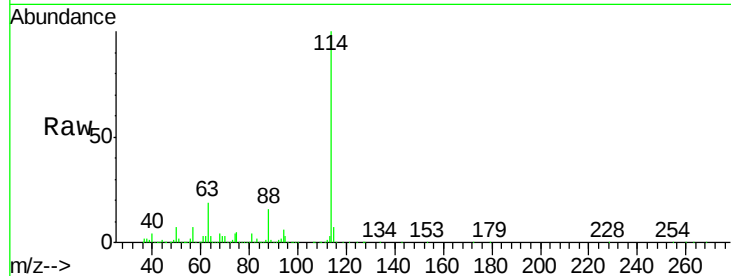
Tot Ion:114 Resp: 281743

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.8

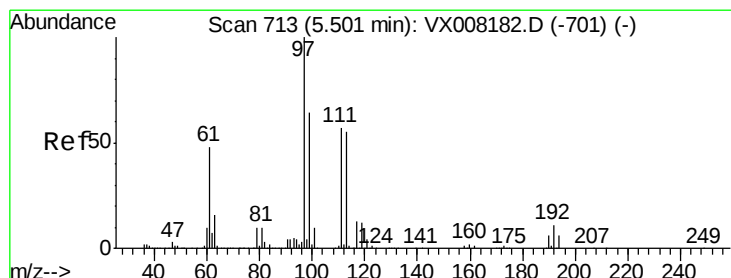
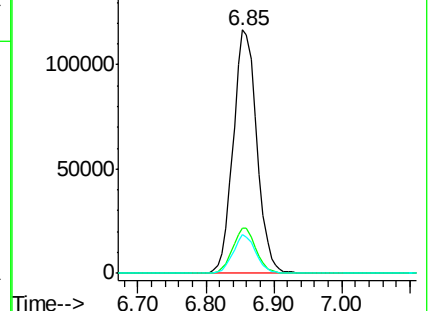
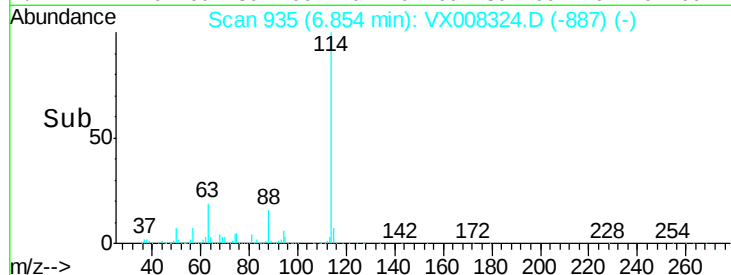
88 16.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.752 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008324.D

Acq: 22 Mar 2019 05:55

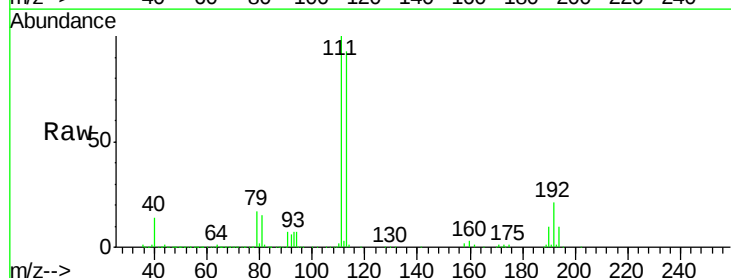
Tgt Ion:113 Resp: 91951

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

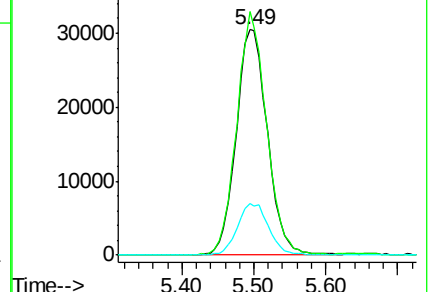
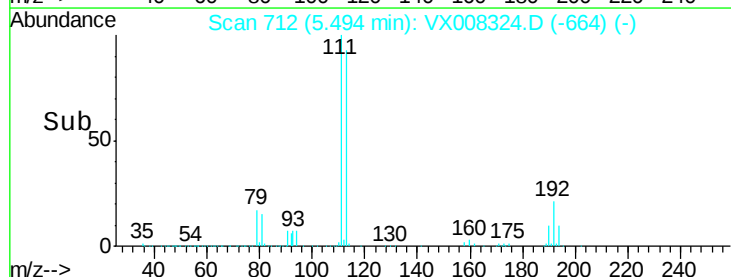
192 23.1 19.4 29.0

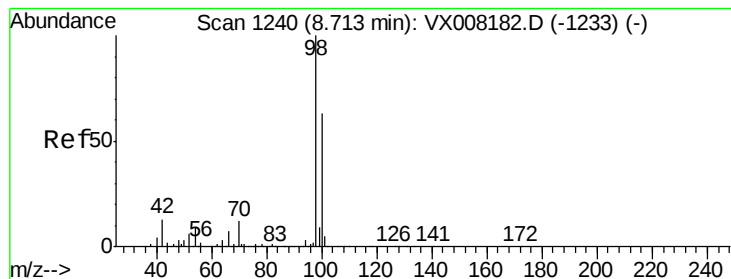


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.315 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008324.D

Acq: 22 Mar 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

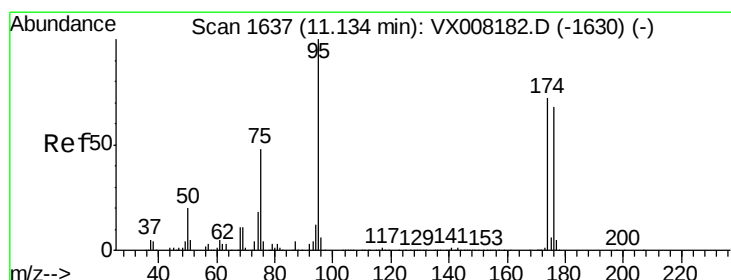
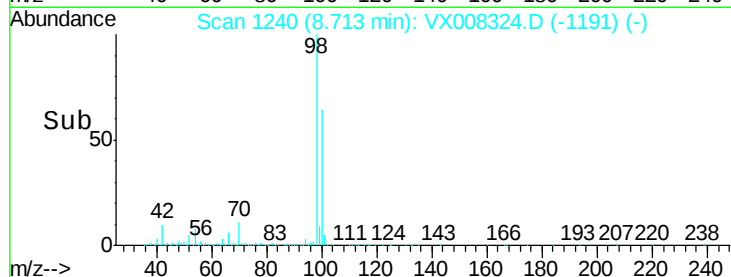
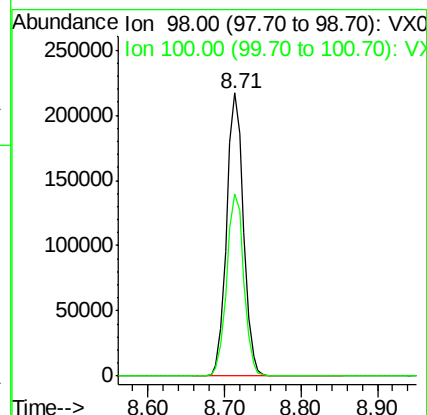
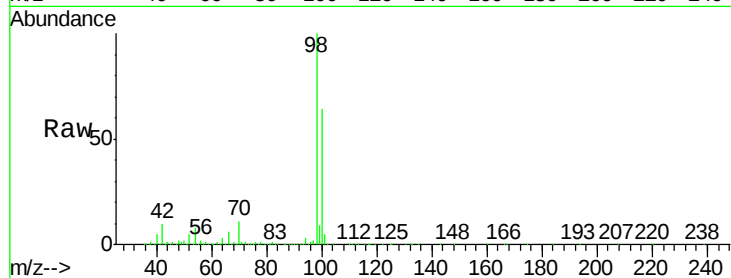
M4-T4-OZ(POST-HYPO)

Tot Ion: 98 Resp: 331188

Ion Ratio Lower Upper

98 100

100 65.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.800 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008324.D

Acq: 22 Mar 2019 05:55

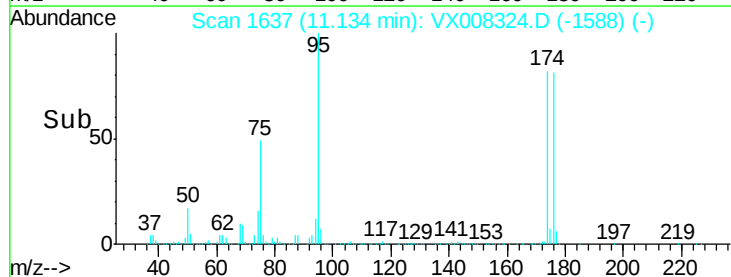
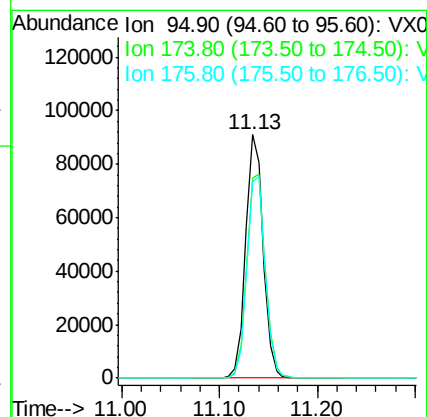
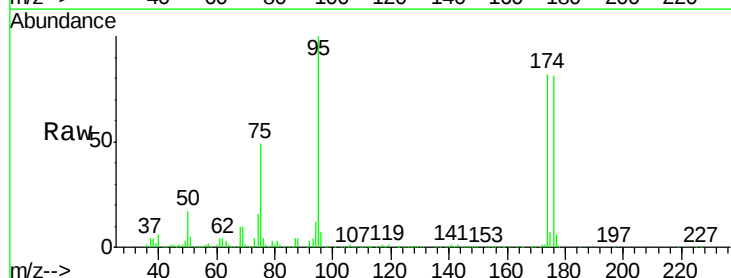
Tgt Ion: 95 Resp: 112766

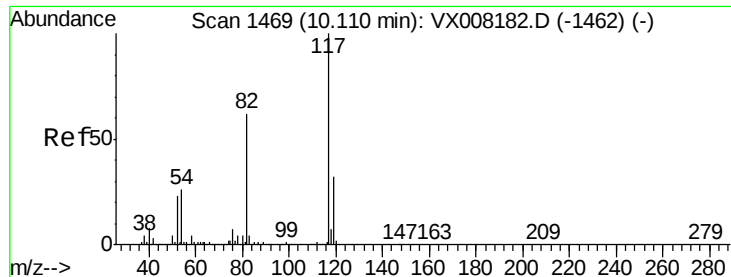
Ion Ratio Lower Upper

95 100

174 89.0 0.0 182.8

176 86.8 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008324.D

Acq: 22 Mar 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

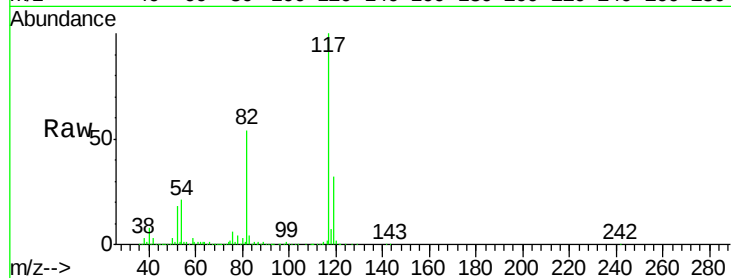
Tot Ion:117 Resp: 245308

Ion Ratio Lower Upper

117 100

82 54.4 44.3 66.5

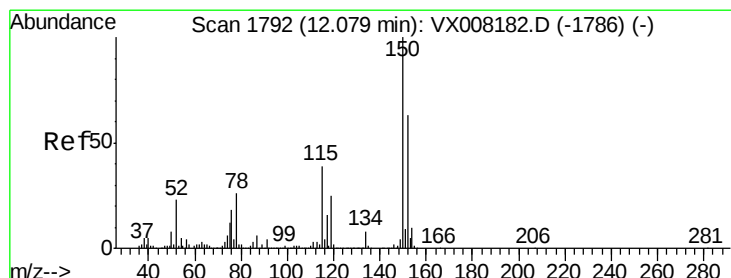
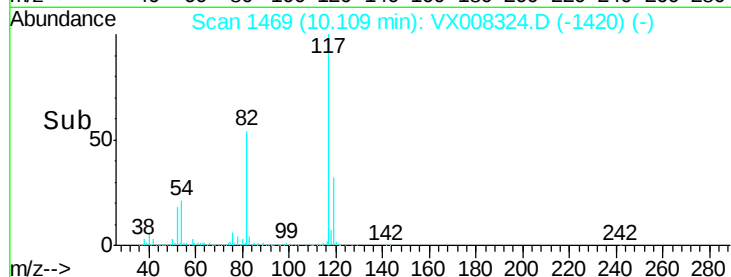
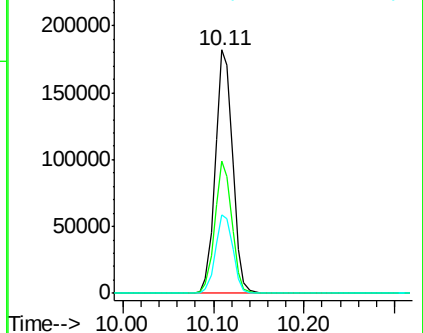
119 32.0 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX008324.D

Acq: 22 Mar 2019 05:55

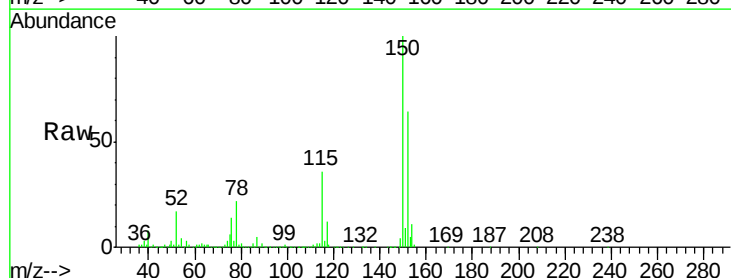
Tgt Ion:152 Resp: 108289

Ion Ratio Lower Upper

152 100

115 58.0 38.6 115.7

150 157.6 0.0 348.4



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

