

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008401.D
 Acq On : 24 Mar 2019 18:48
 Operator : JC/SP
 Sample : K1945-12 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Mar 25 07:58:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	238277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	402061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	361935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152372	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	167841	46.18	ug/l	0.00
Spiked Amount			Recovery	=	92.36%	
35) Dibromofluoromethane	5.49	113	125928	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
50) Toluene-d8	8.71	98	520953	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.13	95	180264	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	

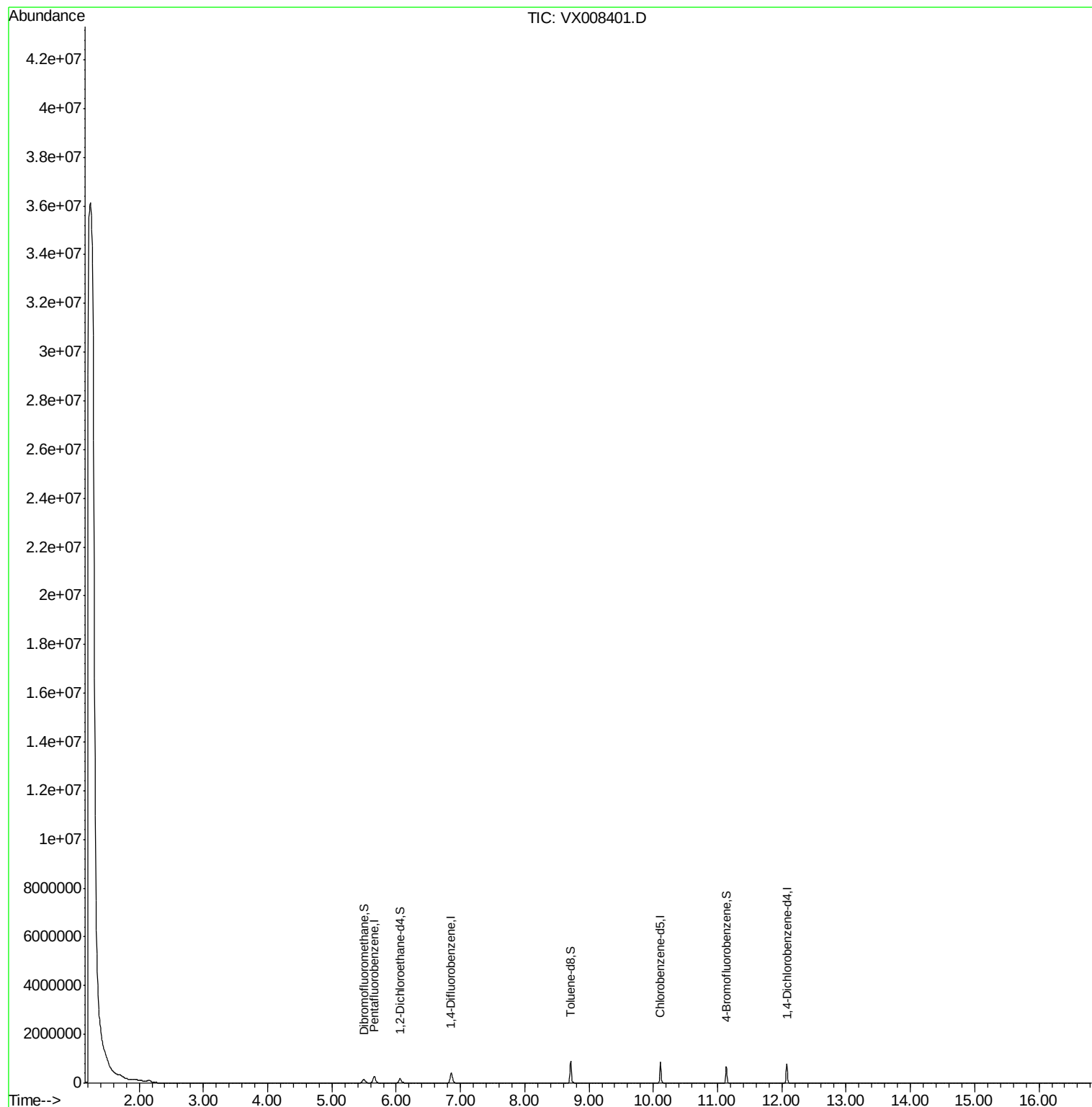
Target Compounds	Qvalue
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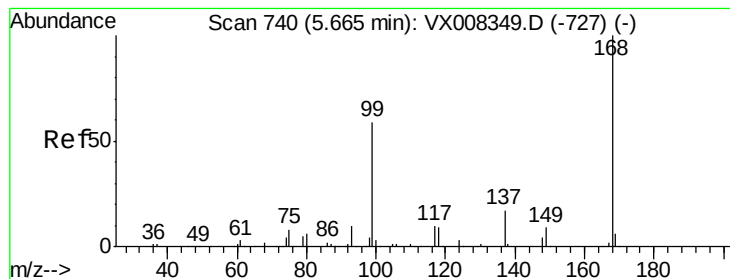
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008401.D

Acq: 24 Mar 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

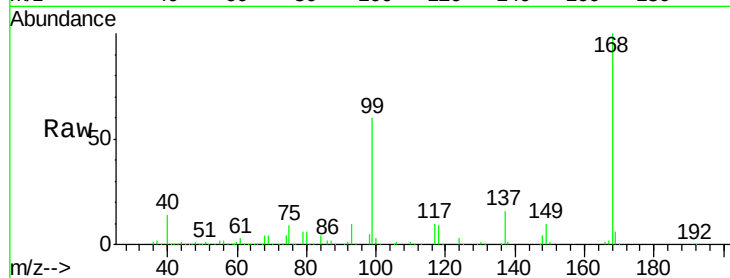
M4-T4-UV(POST-HYPO)

Tot Ion:168 Resp: 238277

Ion Ratio Lower Upper

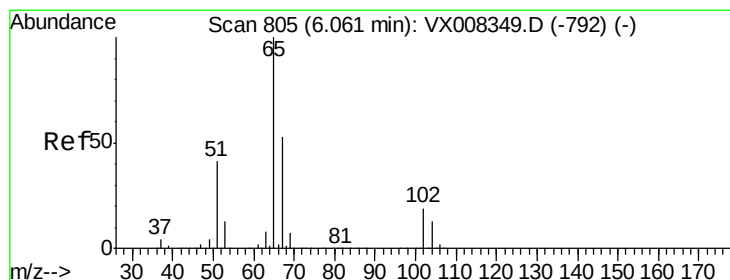
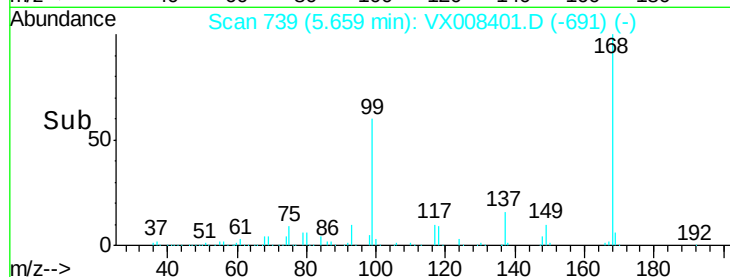
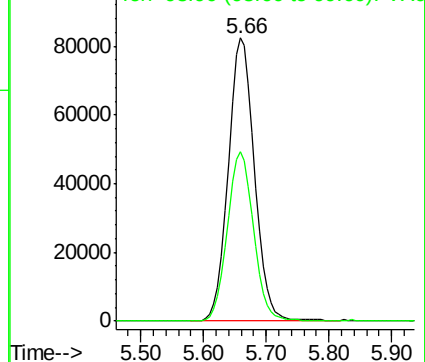
168 100

99 60.0 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: 46.184 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008401.D

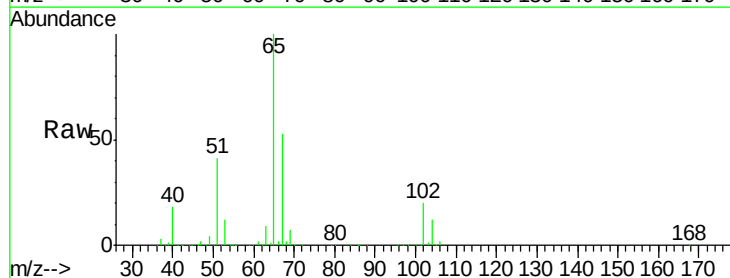
Acq: 24 Mar 2019 18:48

Tgt Ion: 65 Resp: 167841

Ion Ratio Lower Upper

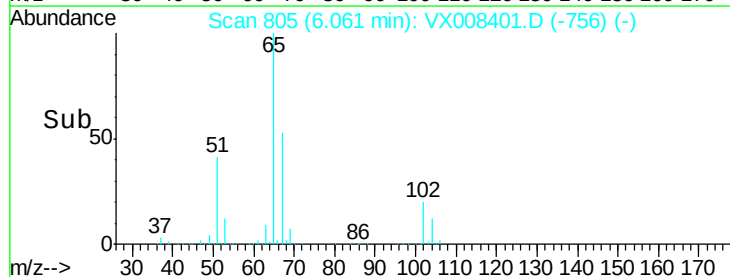
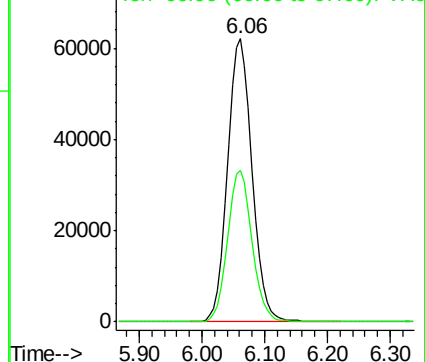
65 100

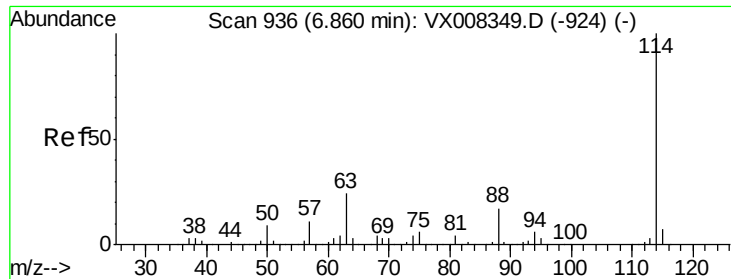
67 53.4 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

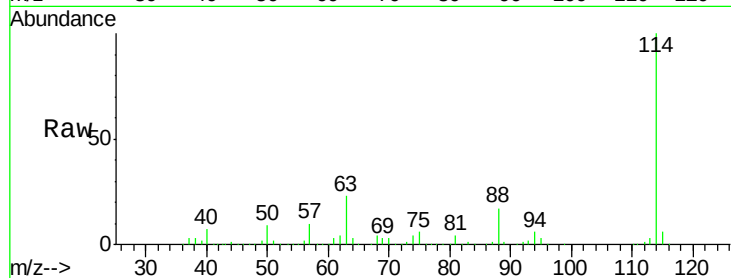




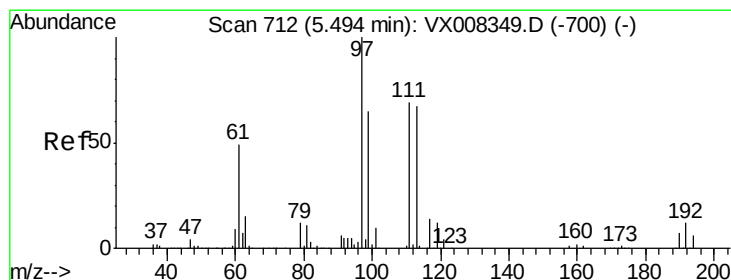
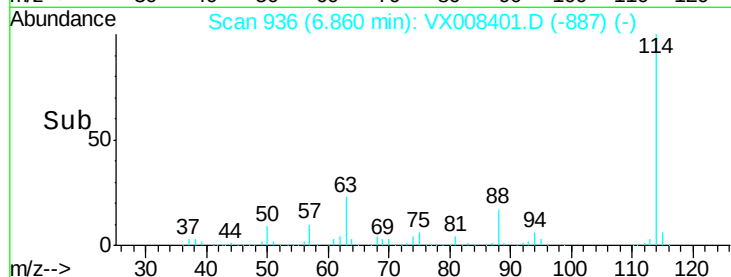
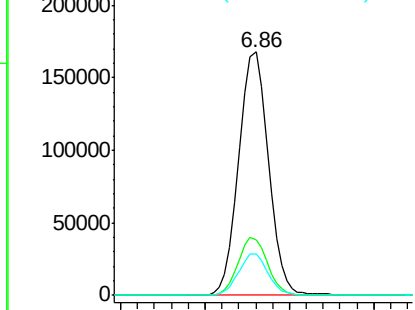
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008401.D
 Acq: 24 Mar 2019 18:48

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

Tot Ion:114 Resp: 402061
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 39.8
 88 17.0 0.0 31.4

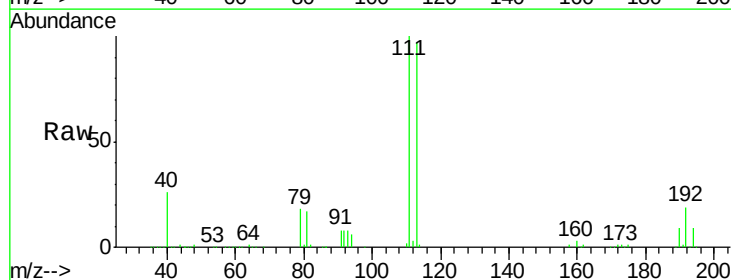


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

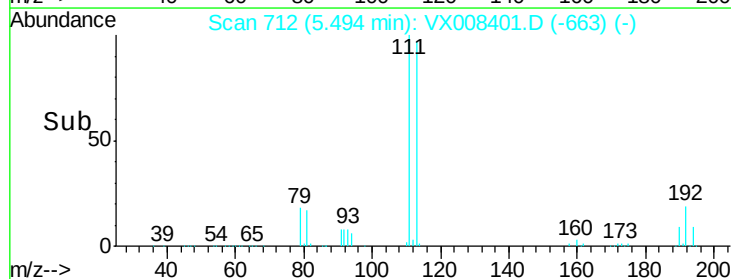
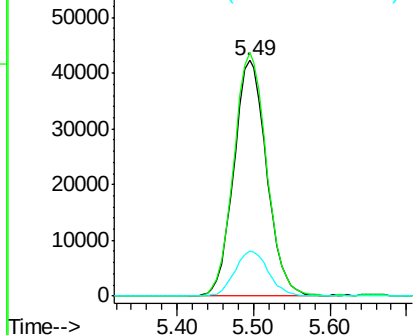


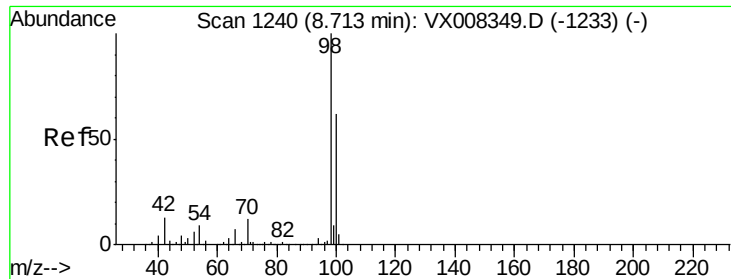
#35
 Dibromofluoromethane
 Concen: 48.342 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008401.D
 Acq: 24 Mar 2019 18:48

Tgt Ion:113 Resp: 125928
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.4 122.0
 192 19.5 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

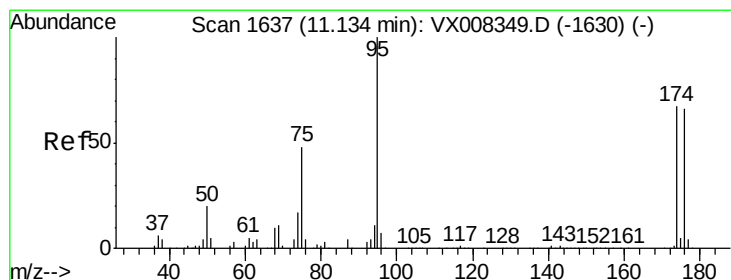
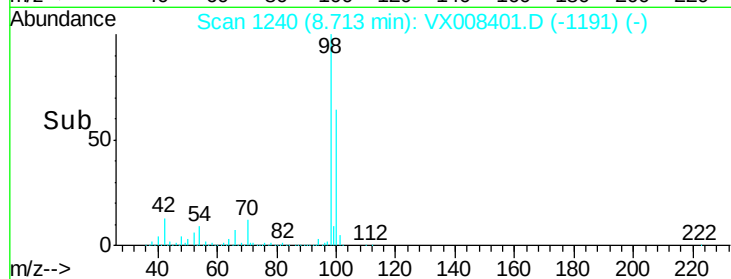
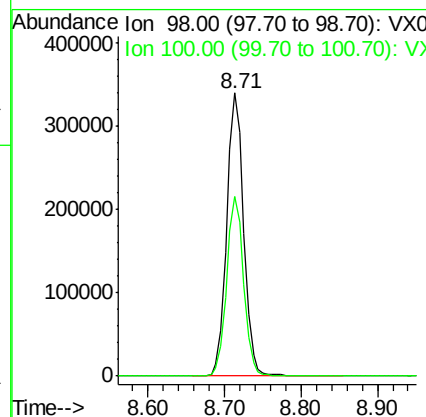
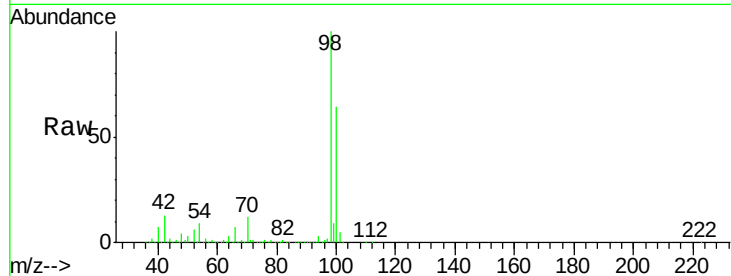




#50
Toluene-d8
Concen: 50.562 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008401.D
Acq: 24 Mar 2019 18:48

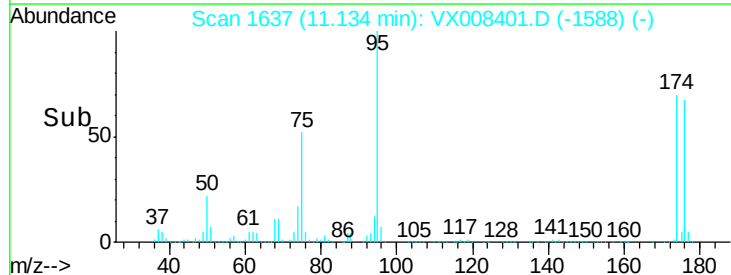
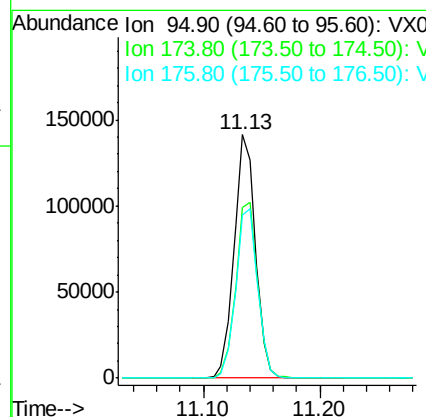
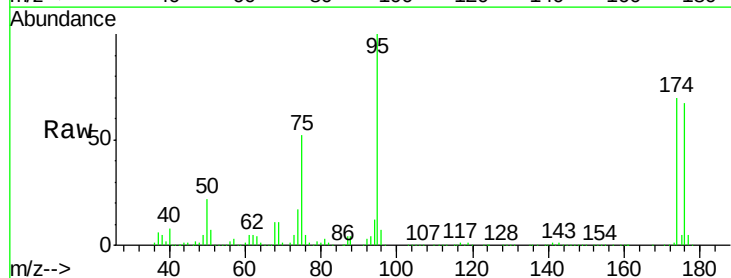
Instrument :
MSVOA_X
ClientSampleId :
M4-T4-UV(POST-HYPO)

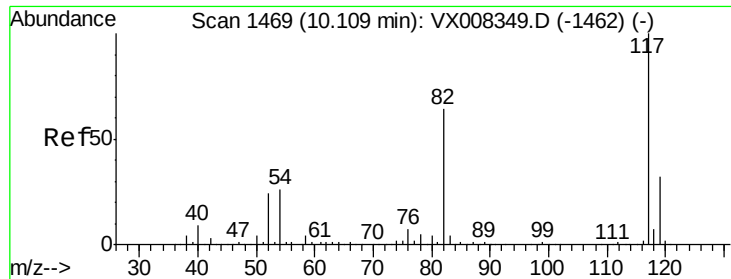
Tot Ion: 98 Resp: 520953
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.652 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008401.D
Acq: 24 Mar 2019 18:48

Tgt Ion: 95 Resp: 180264
Ion Ratio Lower Upper
95 100
174 74.0 0.0 182.8
176 71.9 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: VX008401.D

Acq: 24 Mar 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-UV(POST-HYPO)

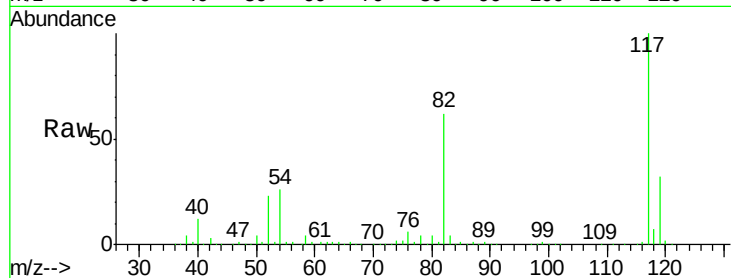
Tot Ion:117 Resp: 361935

Ion Ratio Lower Upper

117 100

82 62.4 44.3 66.5

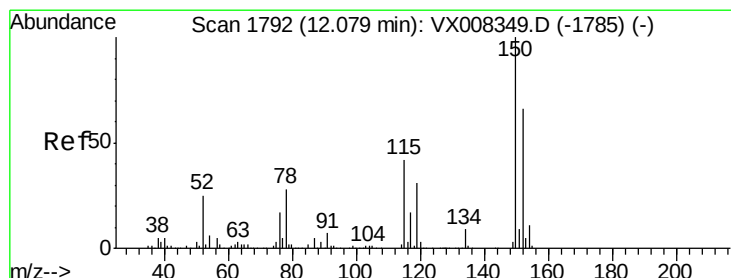
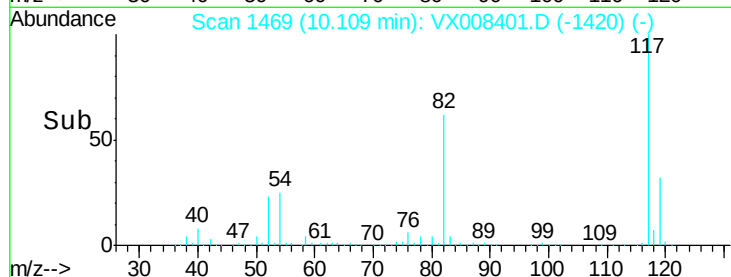
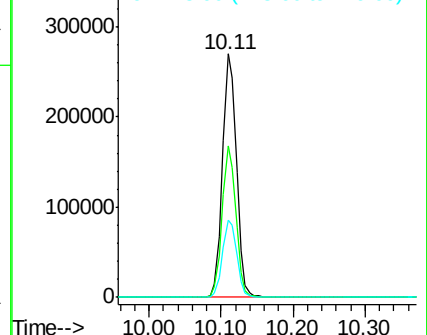
119 31.9 25.3 37.9



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: VX008401.D

Acq: 24 Mar 2019 18:48

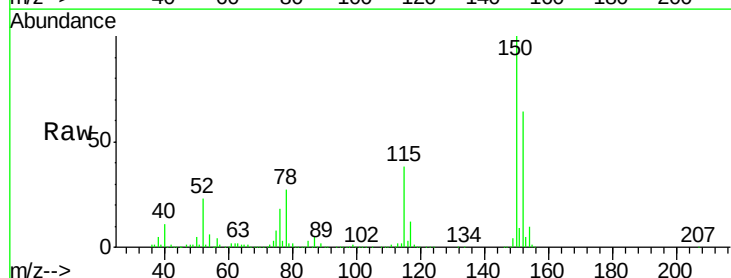
Tgt Ion:152 Resp: 152372

Ion Ratio Lower Upper

152 100

115 61.1 38.6 115.7

150 158.0 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

