

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000811.D
 Acq On : 12 Apr 2018 19:05
 Operator : JC/MD
 Sample : J2236-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101

Quant Time: Apr 13 07:35:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	282432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	213211	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	160348	45.03	ug/l	0.00
Spiked Amount			Recovery	=	90.06%	
35) Dibromofluoromethane	5.51	113	131025	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
50) Toluene-d8	8.73	98	498746	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.15	95	195163	45.19	ug/l	0.00
Spiked Amount			Recovery	=	90.38%	

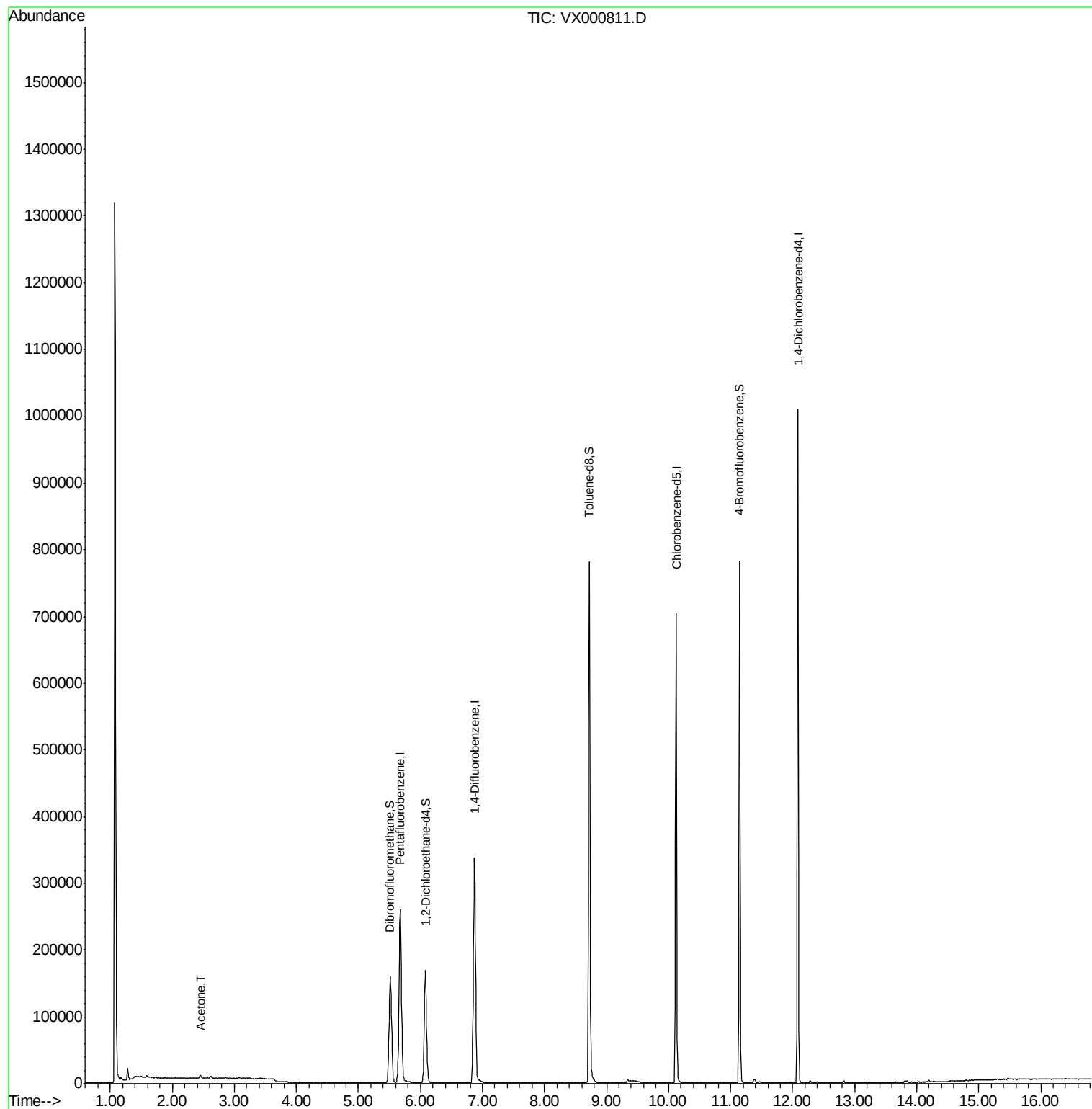
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	5171	4.21	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000811.D

Acq: 12 Apr 2018 19:05

Instrument :

MSVOA_X

ClientSampled :

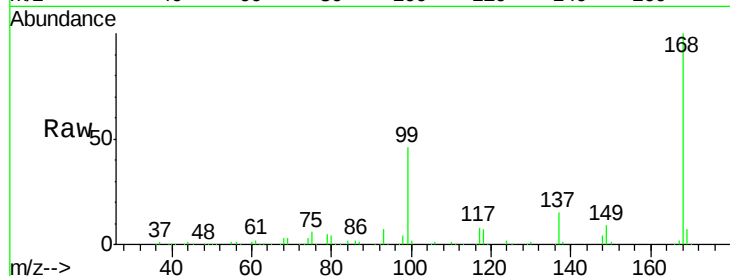
MW-101

Tot Ion:168 Resp: 282432

Ion Ratio Lower Upper

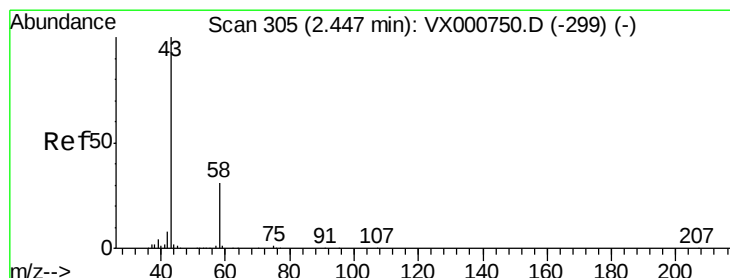
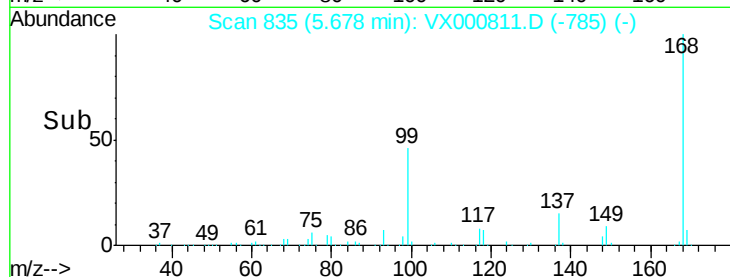
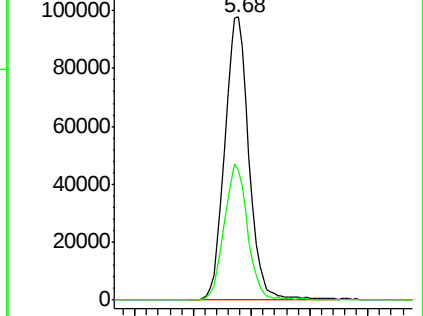
168 100

99 45.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.21 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000811.D

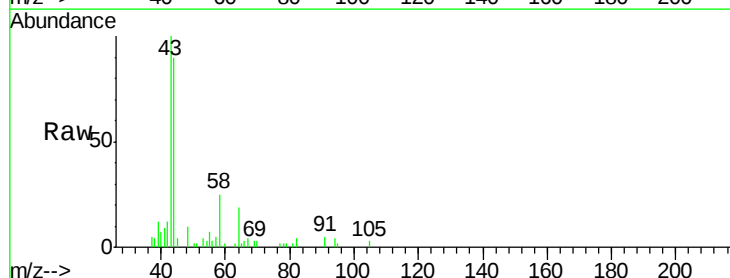
Acq: 12 Apr 2018 19:05

Tgt Ion: 43 Resp: 5171

Ion Ratio Lower Upper

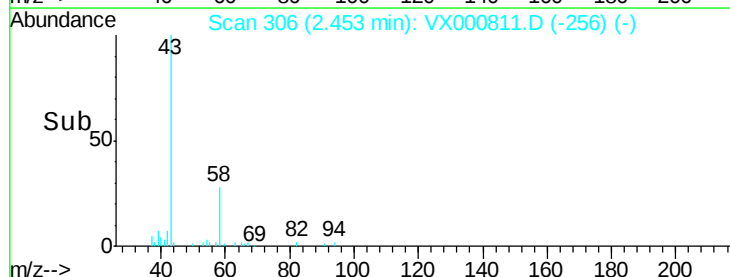
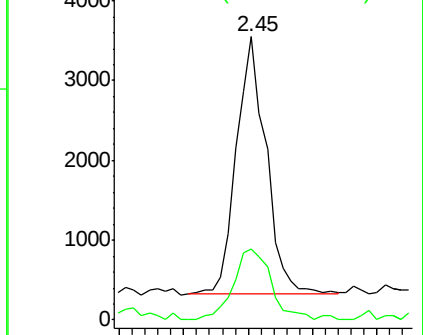
43 100

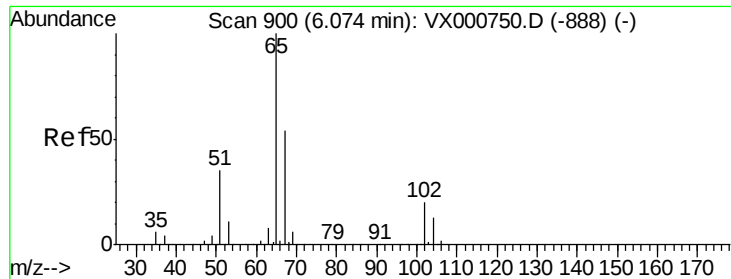
58 27.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.03 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000811.D

Acq: 12 Apr 2018 19:05

Instrument :

MSVOA_X

ClientSampleId :

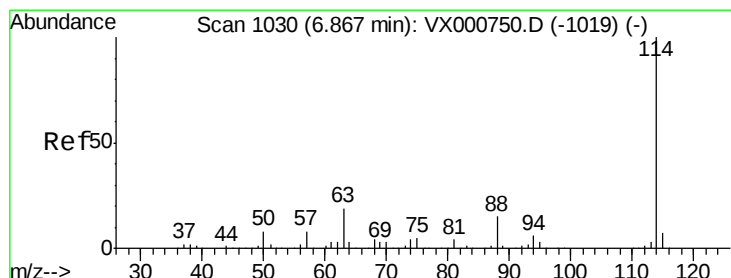
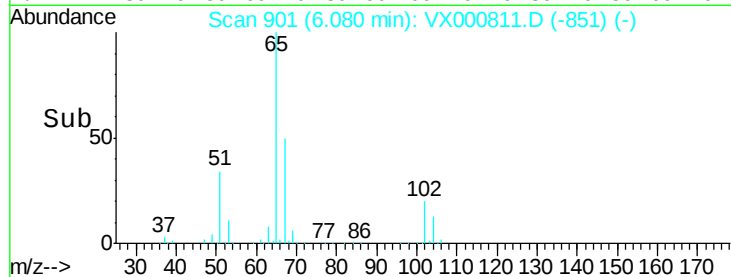
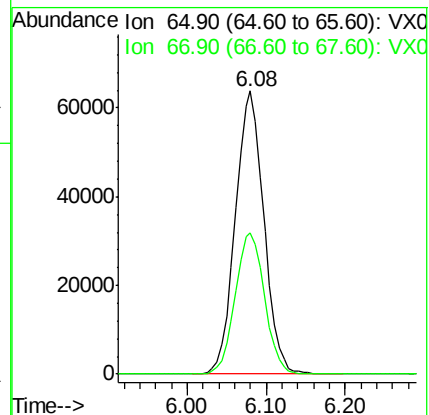
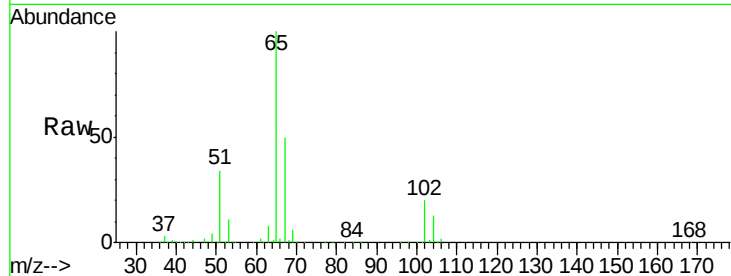
MW-101

Tot Ion: 65 Resp: 160348

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000811.D

Acq: 12 Apr 2018 19:05

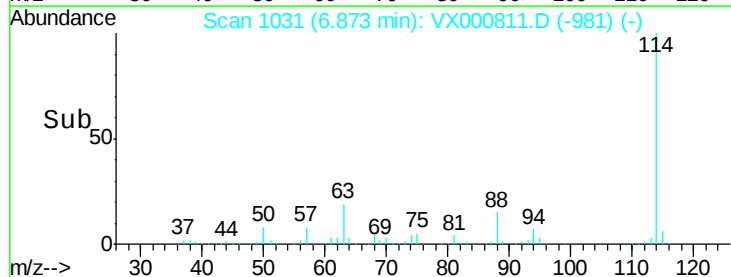
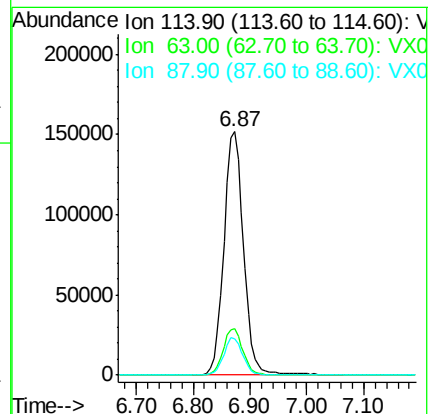
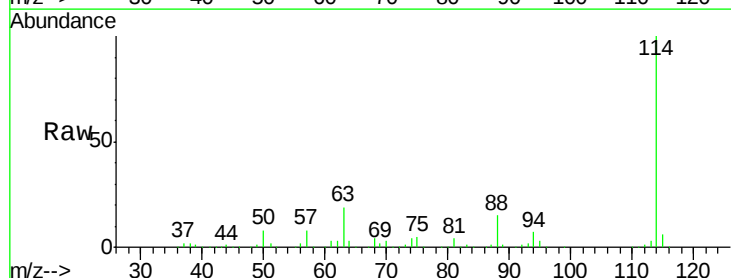
Tgt Ion: 114 Resp: 363901

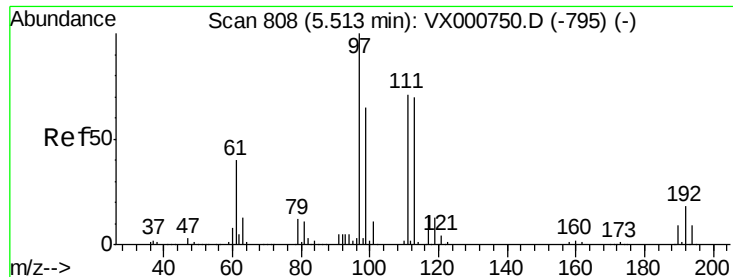
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 14.8 0.0 31.0

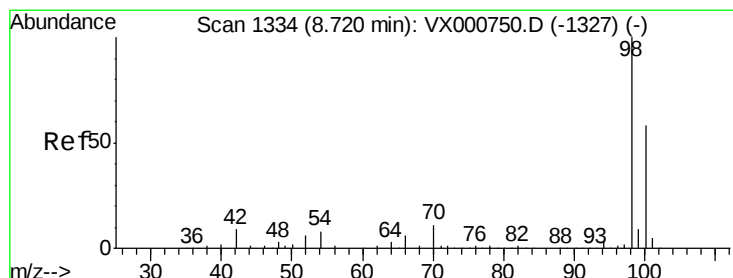
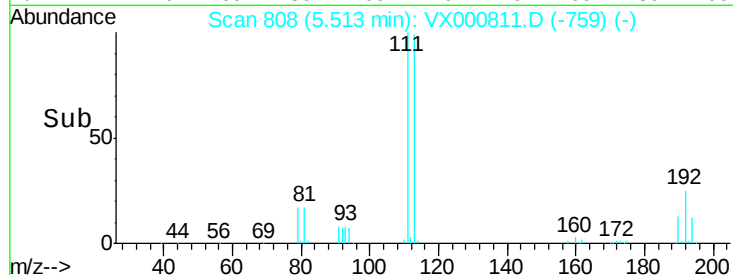
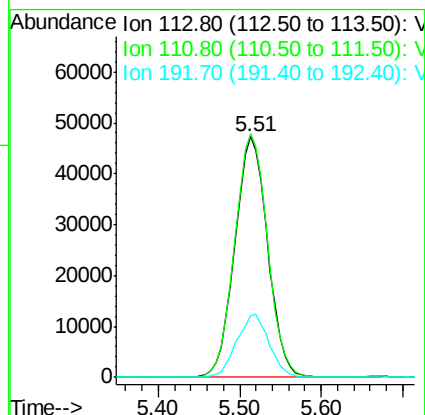
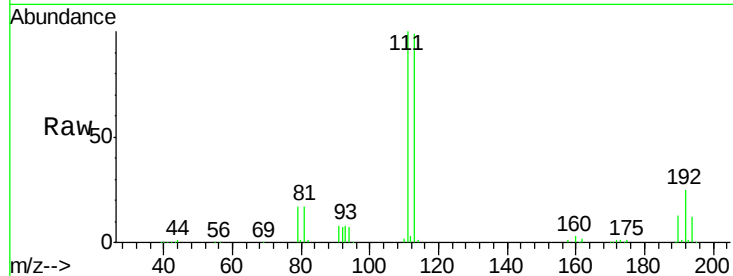




#35
 Dibromofluoromethane
 Concen: 46.73 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000811.D
 Acq: 12 Apr 2018 19:05

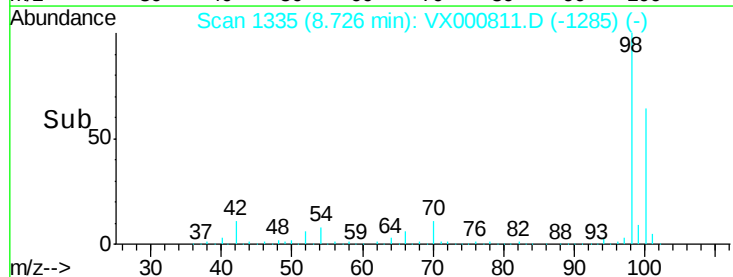
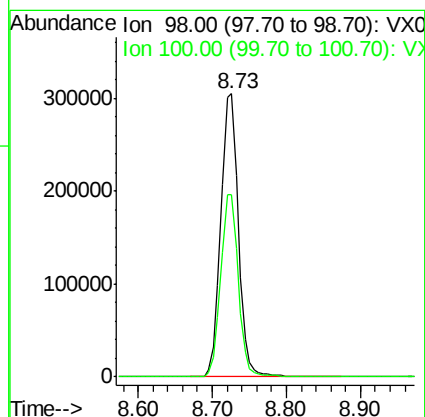
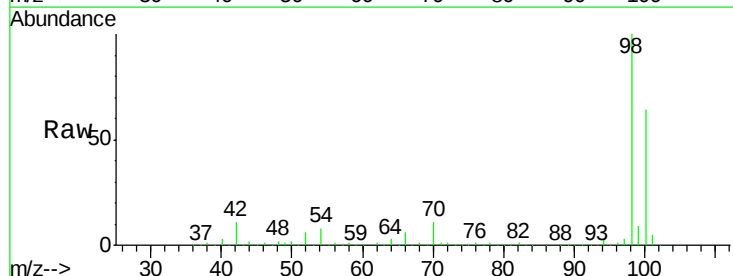
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101

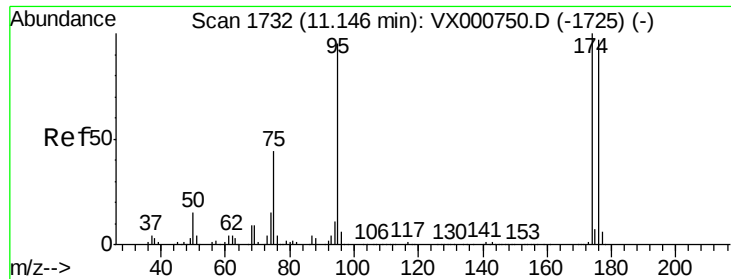
Tot Ion:113 Resp: 131025
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 26.0 20.4 30.6



#50
 Toluene-d8
 Concen: 47.78 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: VX000811.D
 Acq: 12 Apr 2018 19:05

Tgt Ion: 98 Resp: 498746
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 45.19 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000811.D

Acq: 12 Apr 2018 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-101

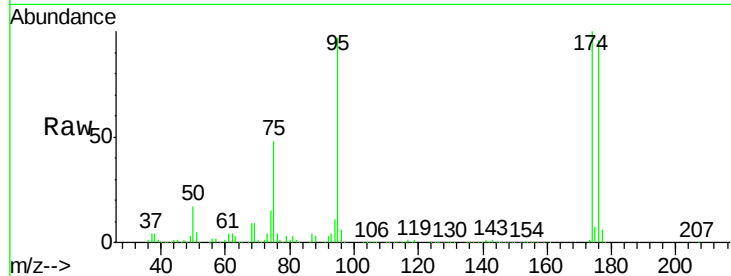
Tot Ion: 95 Resp: 195163

Ion Ratio Lower Upper

95 100

174 98.1 0.0 198.4

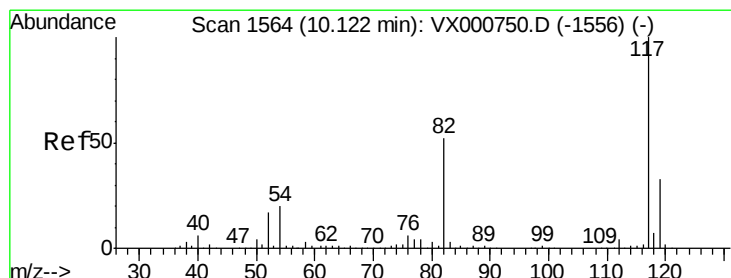
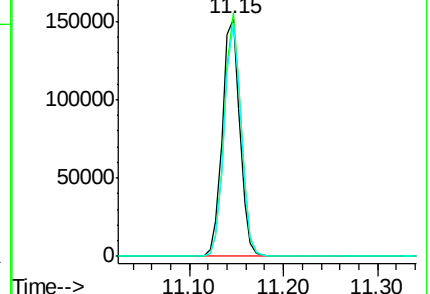
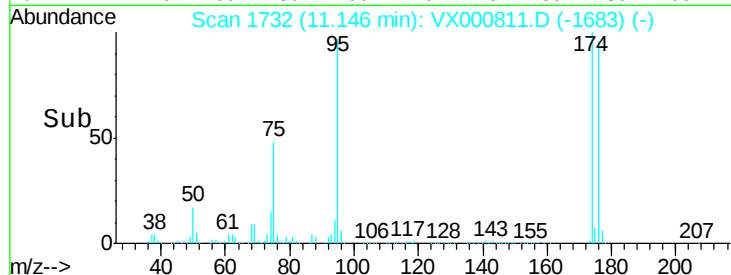
176 95.6 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX000811.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000811.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000811.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000811.D

Acq: 12 Apr 2018 19:05

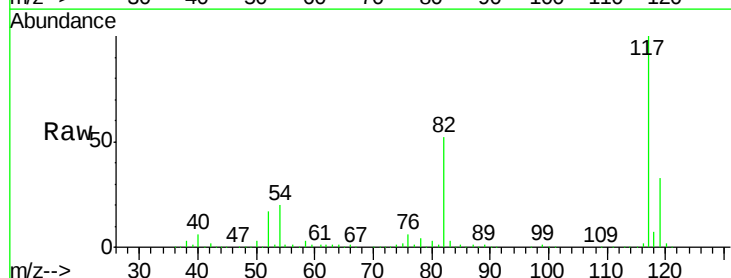
Tgt Ion: 117 Resp: 331510

Ion Ratio Lower Upper

117 100

82 51.7 41.9 62.9

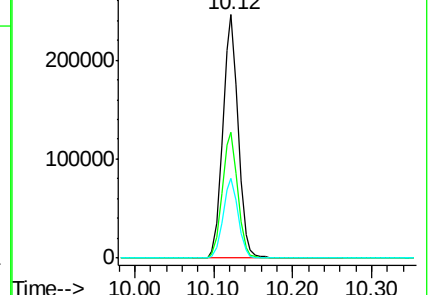
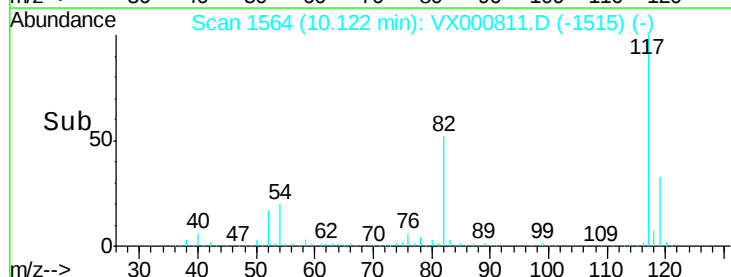
119 32.8 26.0 39.0

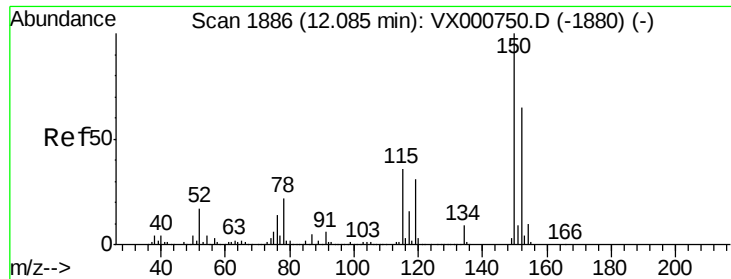


Abundance Ion 116.90 (116.60 to 117.60): VX000811.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000811.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000811.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000811.D

Acq: 12 Apr 2018 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-101

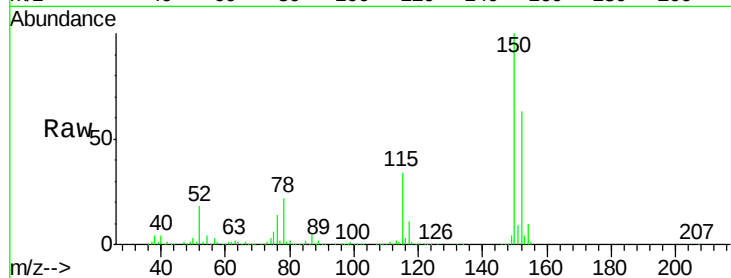
Tot Ion:152 Resp: 213211

Ion Ratio Lower Upper

152 100

115 54.1 37.9 113.7

150 156.9 0.0 348.0



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

