

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002666.D
 Acq On : 16 Jun 2018 23:50
 Operator : JC/MD
 Sample : J3485-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-8-10.0-061318

Quant Time: Jun 18 03:56:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

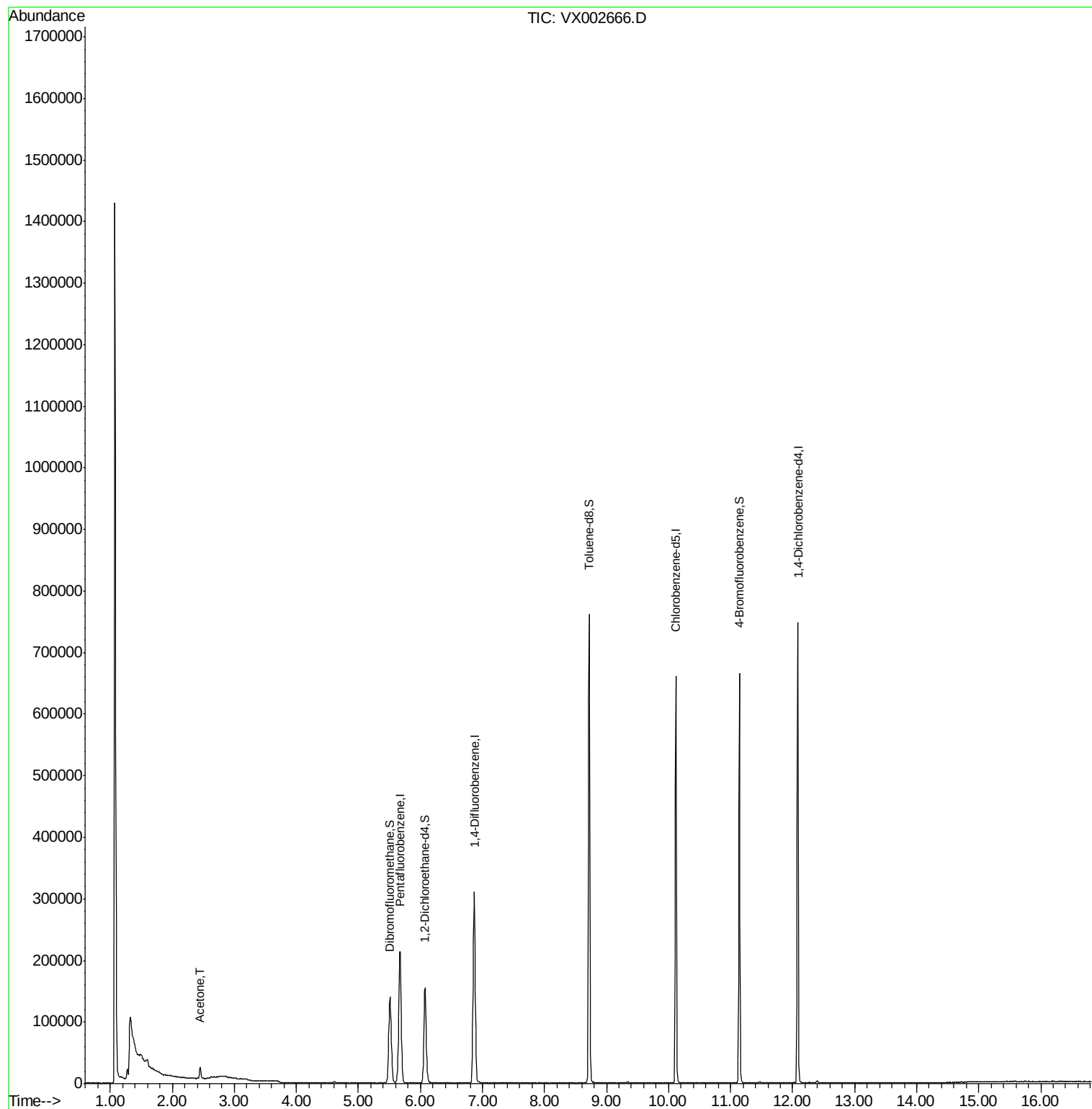
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	305603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	159710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147251	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
35) Dibromofluoromethane	5.51	113	114090	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
50) Toluene-d8	8.72	98	434582	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
62) 4-Bromofluorobenzene	11.14	95	150654	42.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.86%	
Target Compounds						
16) Acetone	2.45	43	20485	14.279	ug/l	Qvalue 99

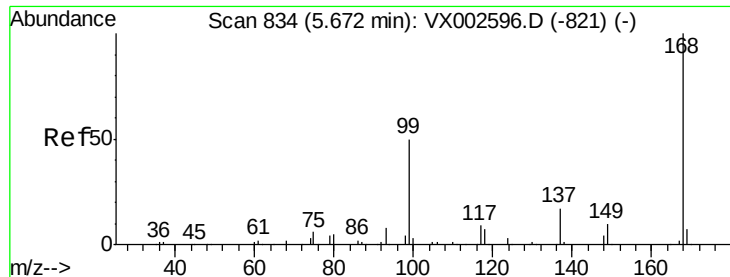
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

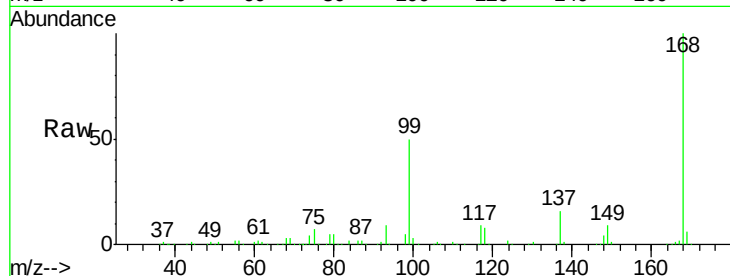
T11-MW-8-10.0-061318

Tot Ion:168 Resp: 213985

Ion Ratio Lower Upper

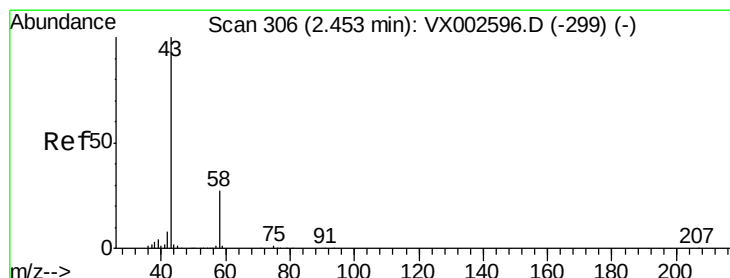
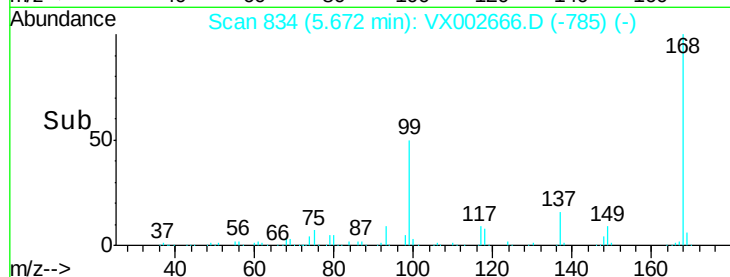
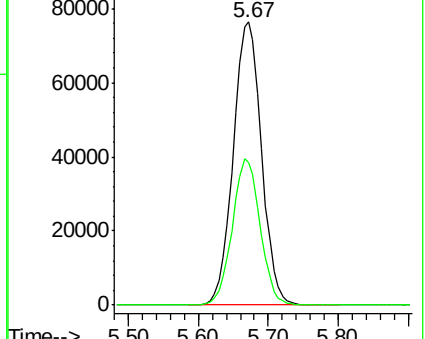
168 100

99 50.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 14.279 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002666.D

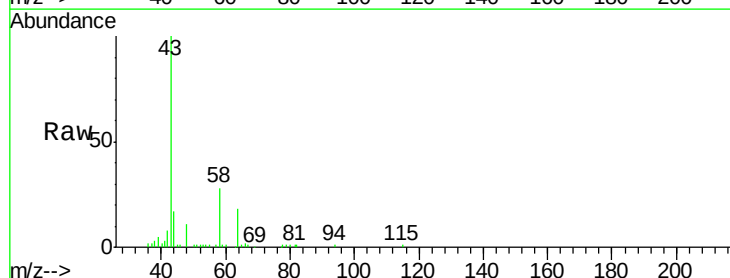
Acq: 16 Jun 2018 23:50

Tgt Ion: 43 Resp: 20485

Ion Ratio Lower Upper

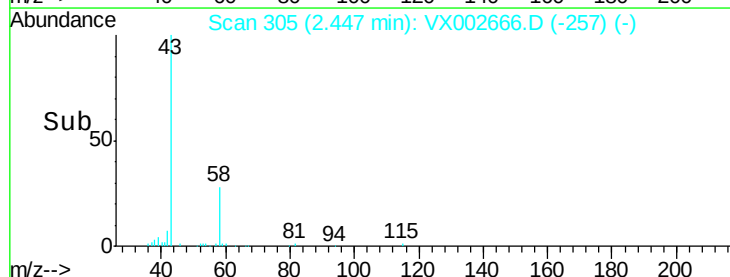
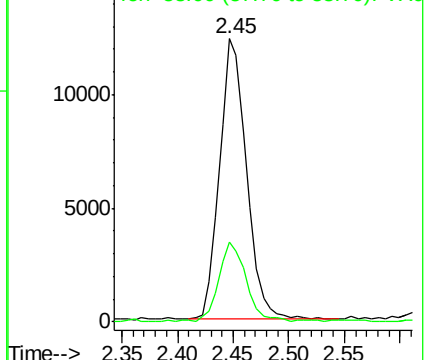
43 100

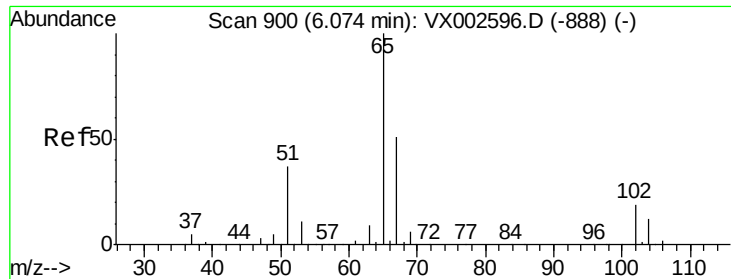
58 27.9 22.1 33.1



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: 45.283 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002666.D

Acq: 16 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

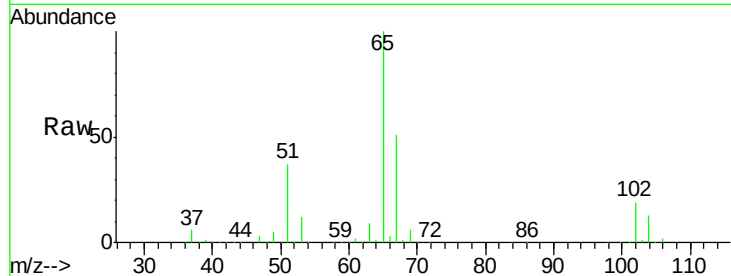
T11-MW-8-10.0-061318

Tot Ion: 65 Resp: 147251

Ion Ratio Lower Upper

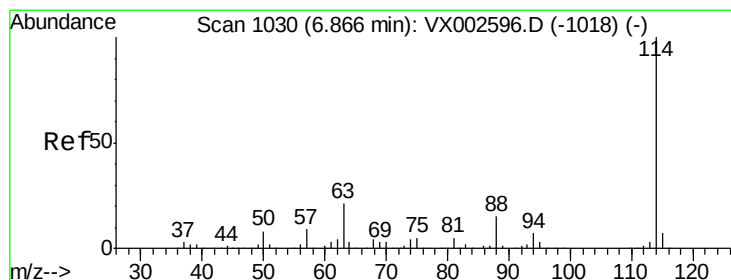
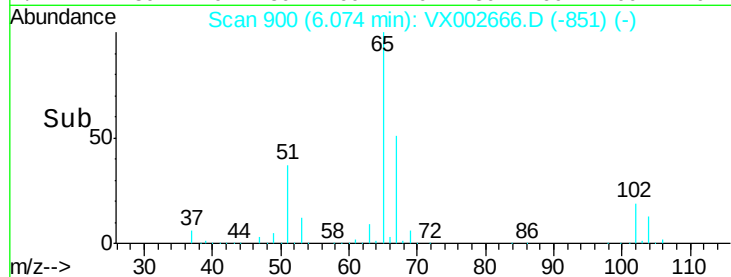
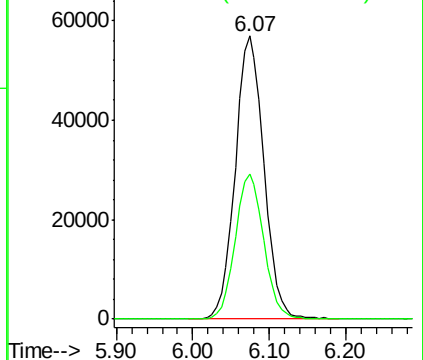
65 100

67 51.1 0.0 102.6



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: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002666.D

Acq: 16 Jun 2018 23:50

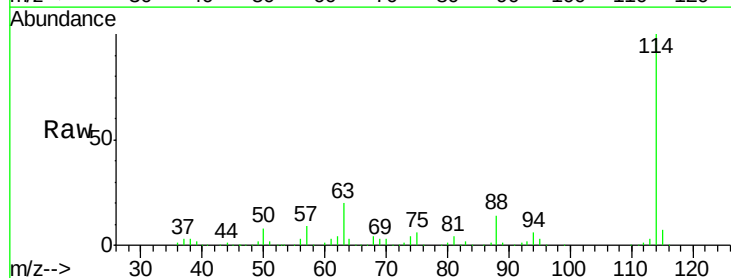
Tgt Ion: 114 Resp: 305603

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

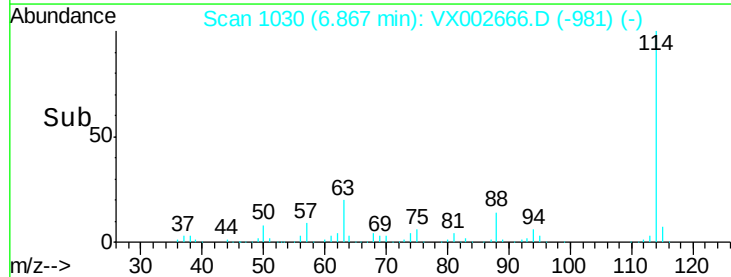
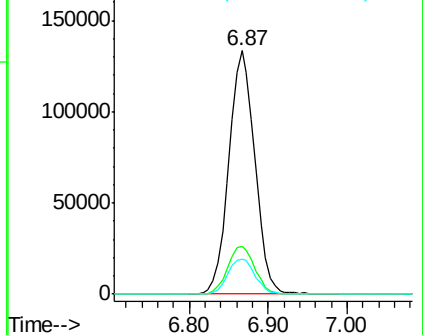
88 14.1 0.0 30.0

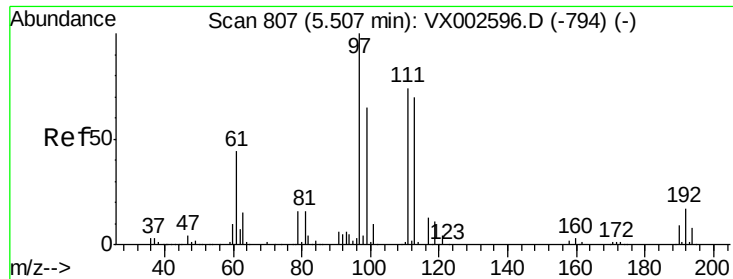


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

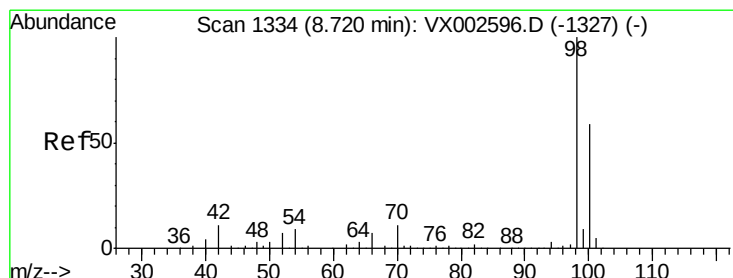
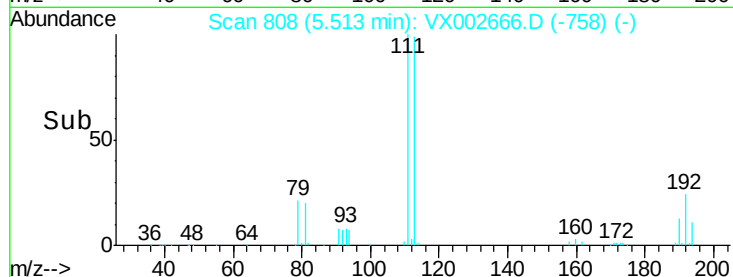
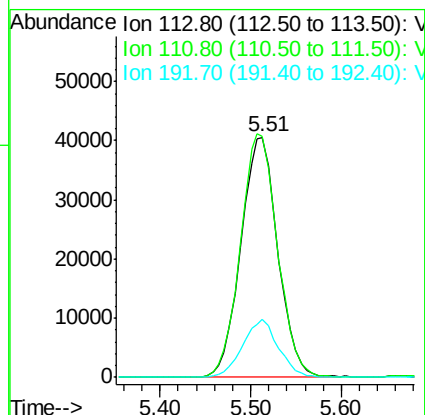
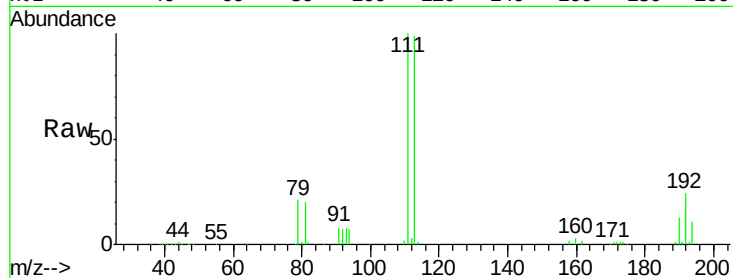




#35
 Dibromofluoromethane
 Concen: 46.777 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002666.D
 Acq: 16 Jun 2018 23:50

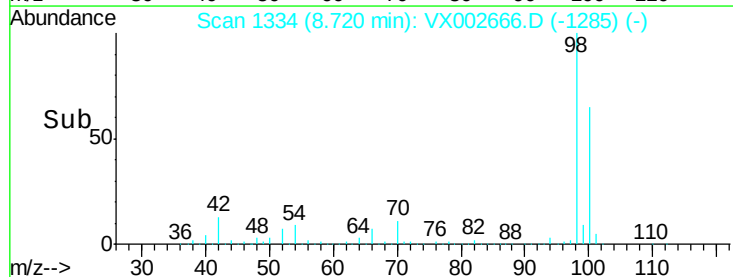
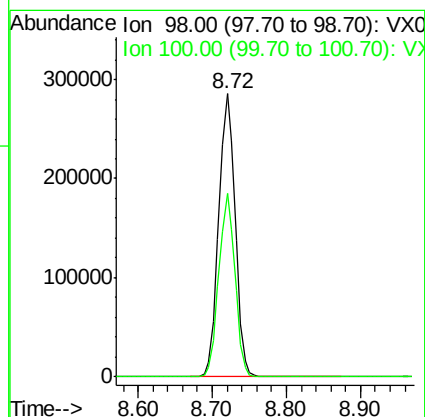
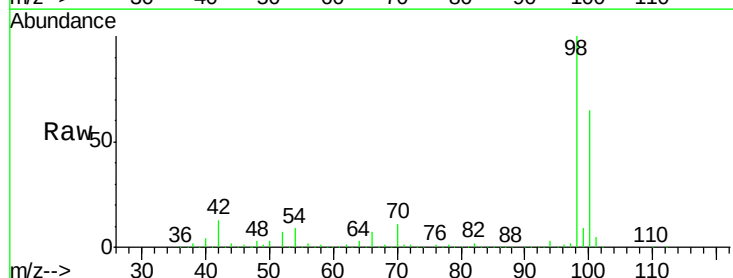
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-8-10.0-061318

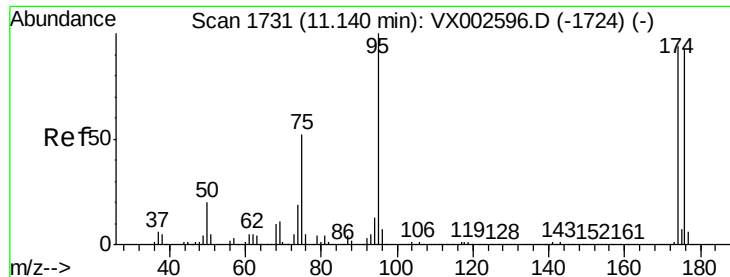
Tot Ion:113 Resp: 114090
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.0
 192 23.3 19.1 28.7



#50
 Toluene-d8
 Concen: 46.927 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002666.D
 Acq: 16 Jun 2018 23:50

Tgt Ion: 98 Resp: 434582
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 42.931 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002666.D

Acq: 16 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-8-10.0-061318

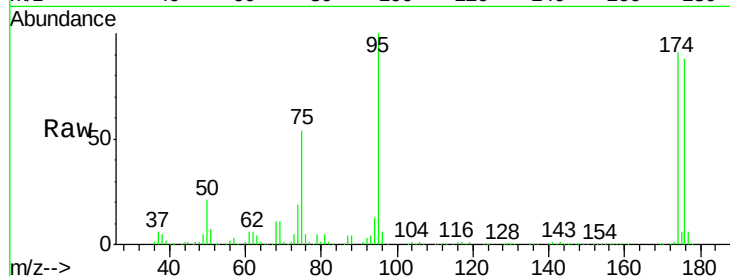
Tot Ion: 95 Resp: 150654

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.4

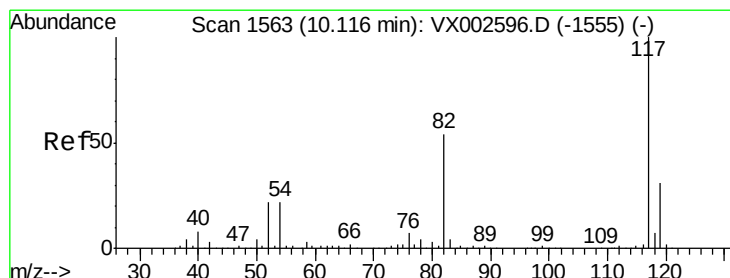
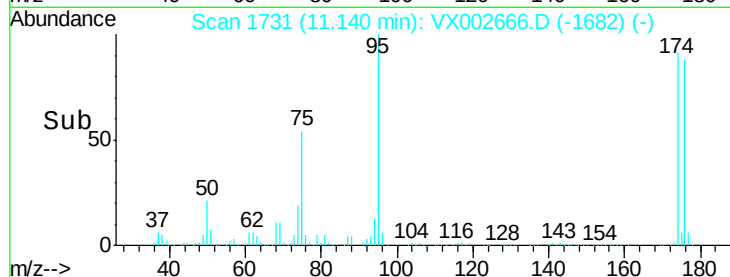
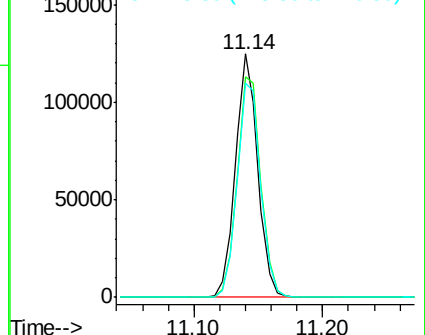
176 92.9 0.0 181.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002666.D

Acq: 16 Jun 2018 23:50

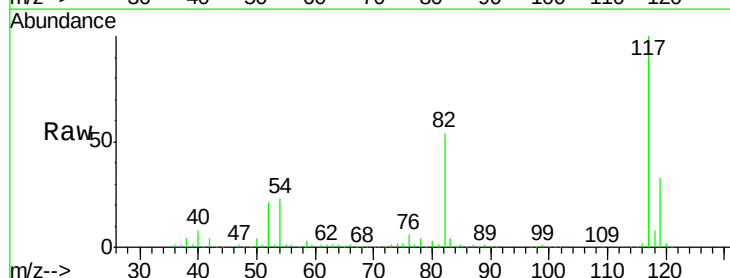
Tgt Ion: 117 Resp: 283326

Ion Ratio Lower Upper

117 100

82 54.5 45.0 67.4

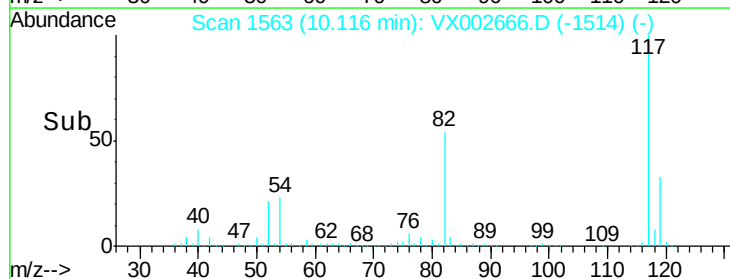
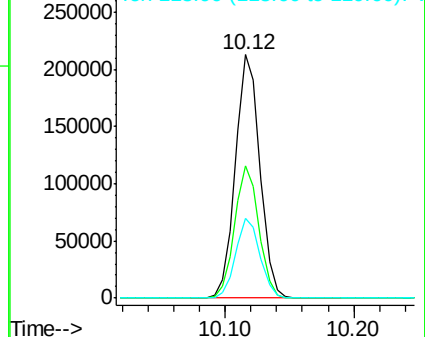
119 32.6 25.8 38.6

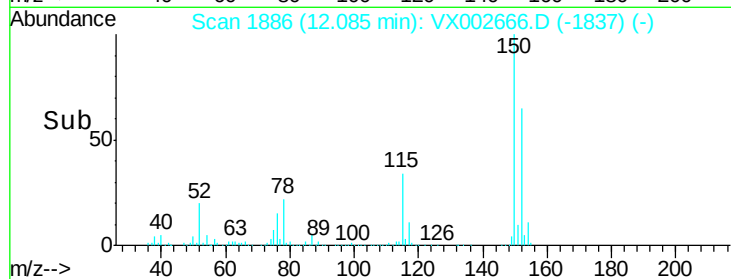
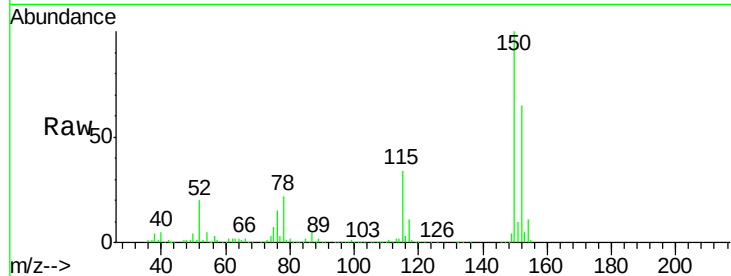
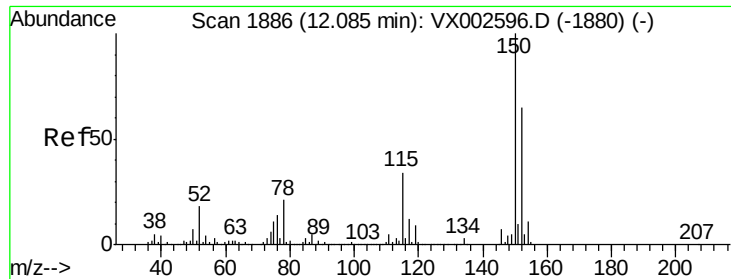


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002666.D

Acq: 16 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-8-10.0-061318

Tot Ion:152 Resp: 159710

Ion Ratio Lower Upper

152 100

115 53.8 40.1 120.2

150 155.0 0.0 347.2

