

Data File : VX002741.D
Acq On : 20 Jun 2018 15:01
Operator : JC/MD
Sample : J3596-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-22

Quant Time: Jul 02 05:17:04 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

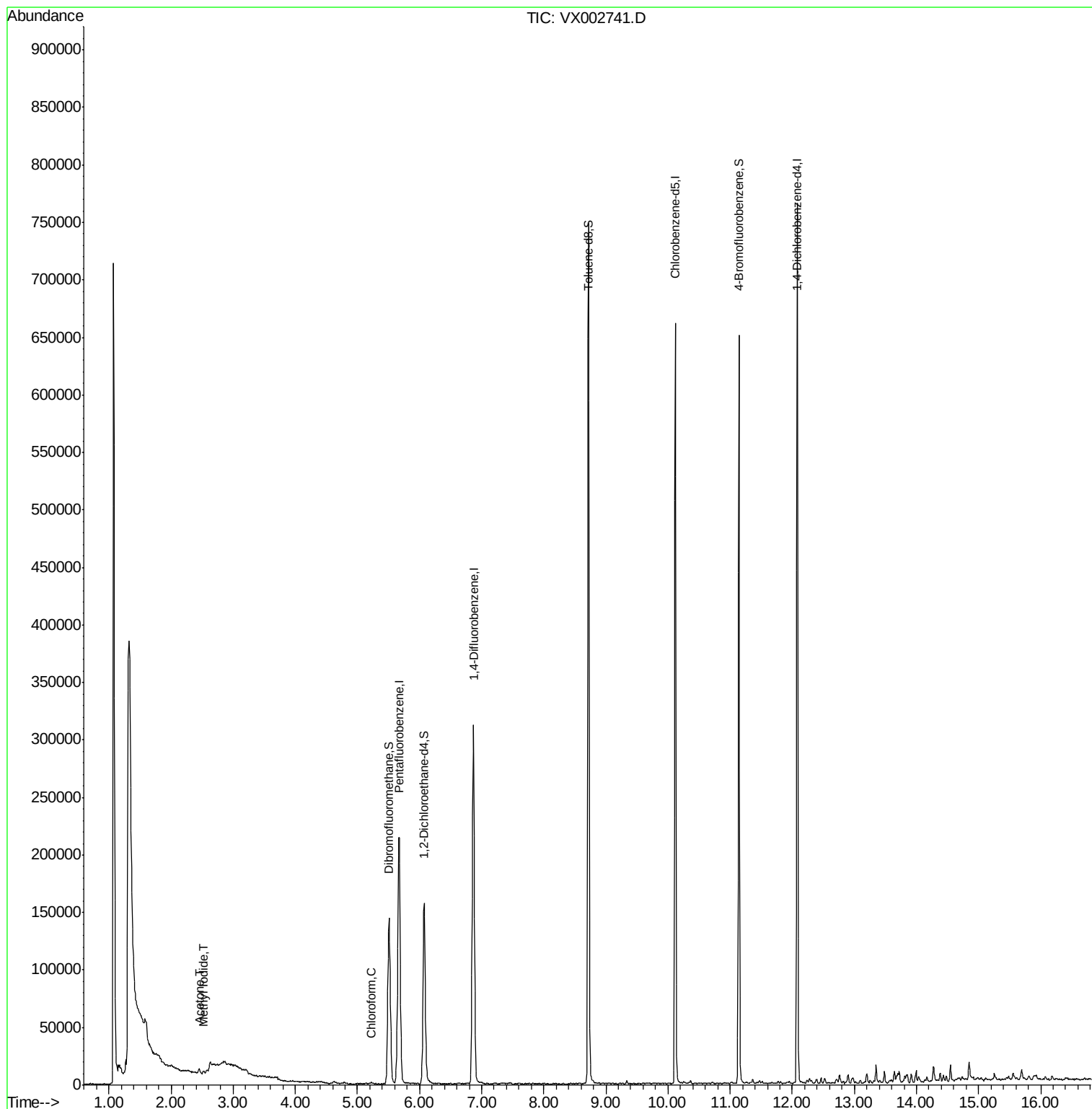
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148927	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
35) Dibromofluoromethane	5.51	113	118035	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	8.72	98	434199	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
62) 4-Bromofluorobenzene	11.14	95	150395	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	
Target Compounds						
10) Methyl Iodide	2.52	142	1575	5.587	ug/l #	84
16) Acetone	2.45	43	3627	2.497	ug/l	92
30) Chloroform	5.21	83	1046	0.230	ug/l #	81

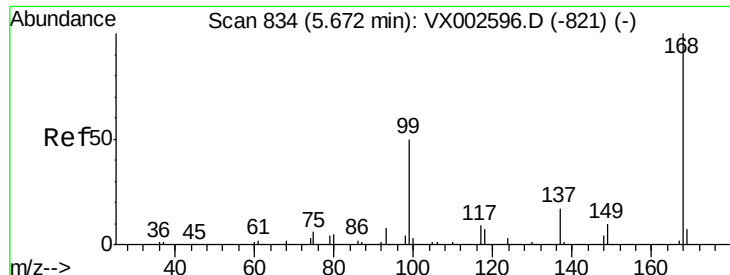
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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ClientSampleId :

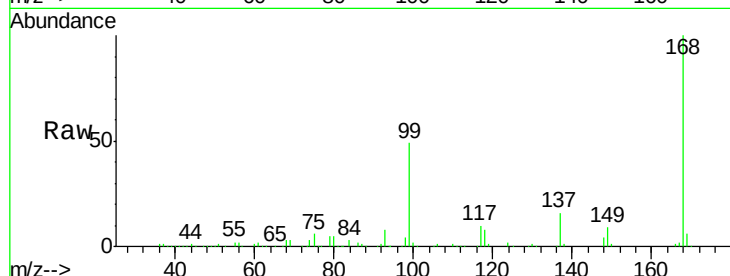
MW-22

Tgt Ion:168 Resp: 216694

Ion Ratio Lower Upper

168 100

99 49.2 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

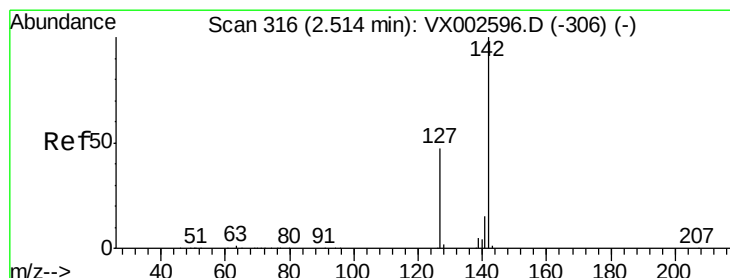
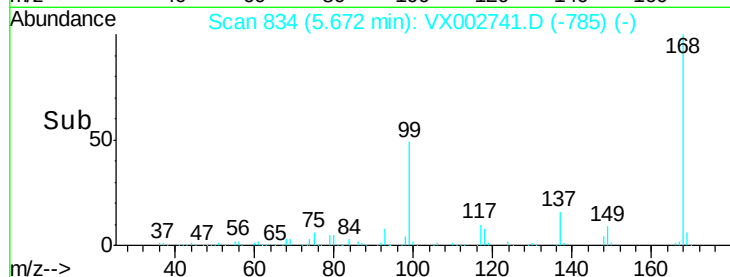
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 5.587 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002741.D

Acq: 20 Jun 2018 15:01

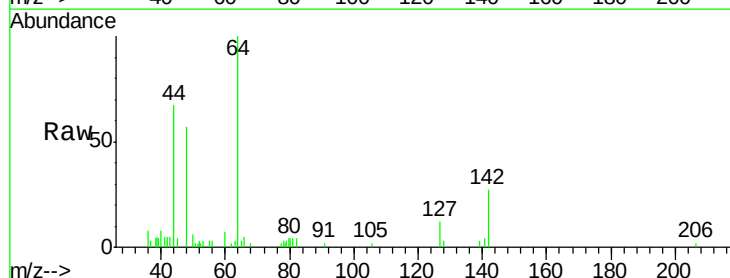
Tgt Ion:142 Resp: 1575

Ion Ratio Lower Upper

142 100

127 57.1 36.6 55.0#

141 19.2 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.52

1000

800

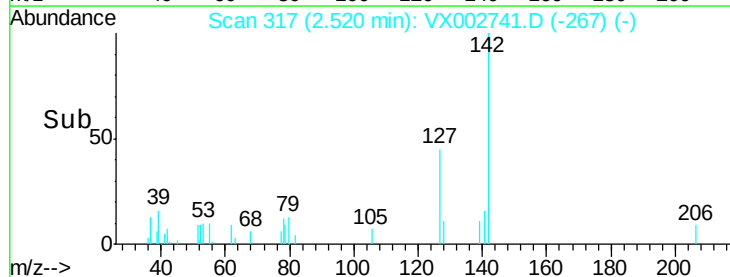
600

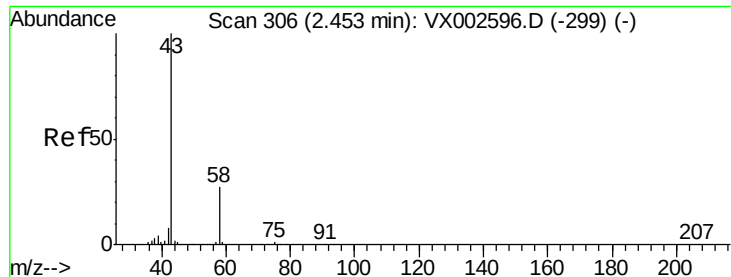
400

200

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 2.497 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002741.D

Acq: 20 Jun 2018 15:01

Instrument :

MSVOA_X

ClientSampled :

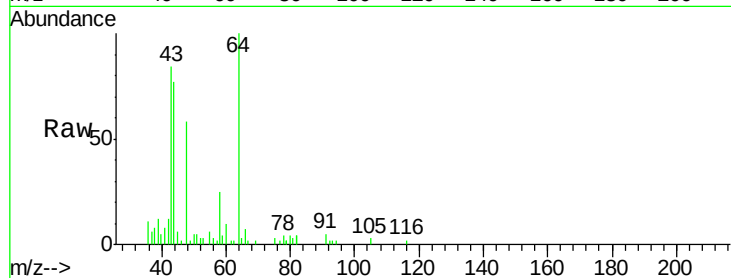
MW-22

Tgt Ion: 43 Resp: 3627

Ion Ratio Lower Upper

43 100

58 31.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

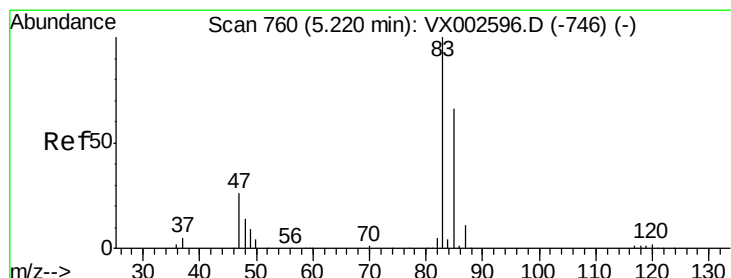
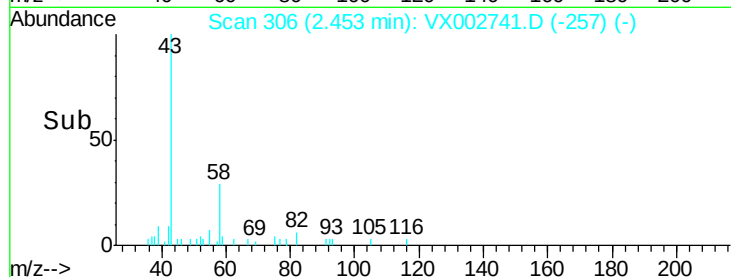
Ion 58.00 (57.70 to 58.70): VX0

2.45

2.45

2.50

Time-->



#30

Chloroform

Concen: 0.230 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002741.D

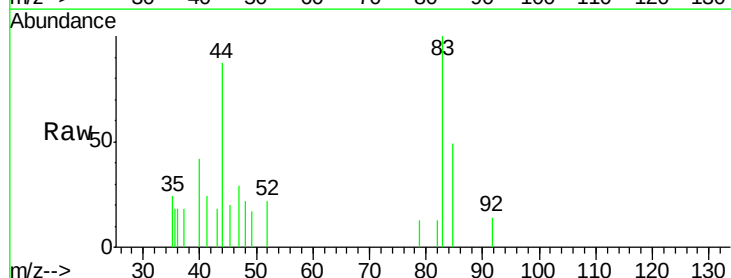
Acq: 20 Jun 2018 15:01

Tgt Ion: 83 Resp: 1046

Ion Ratio Lower Upper

83 100

85 48.5 50.4 75.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

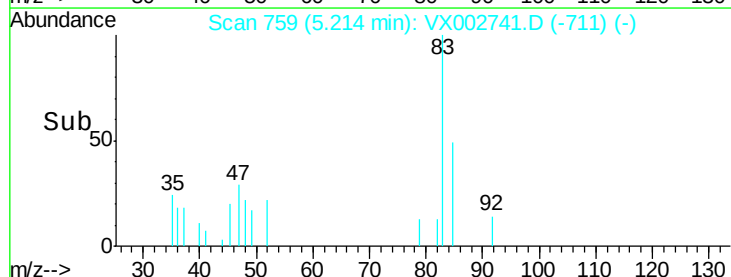
Ion 84.90 (84.60 to 85.60): VX0

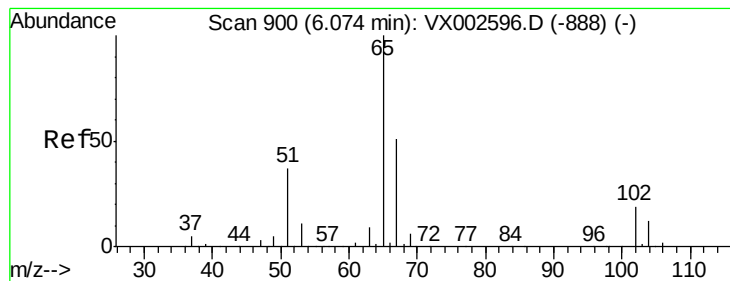
5.21

5.21

5.30

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.226 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002741.D

Acq: 20 Jun 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

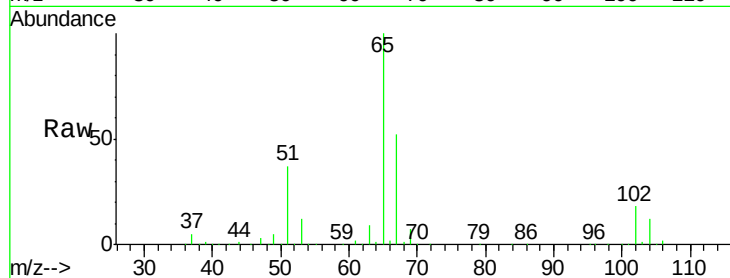
MW-22

Tgt Ion: 65 Resp: 148927

Ion Ratio Lower Upper

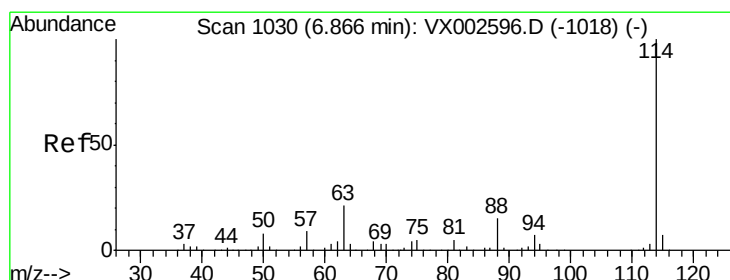
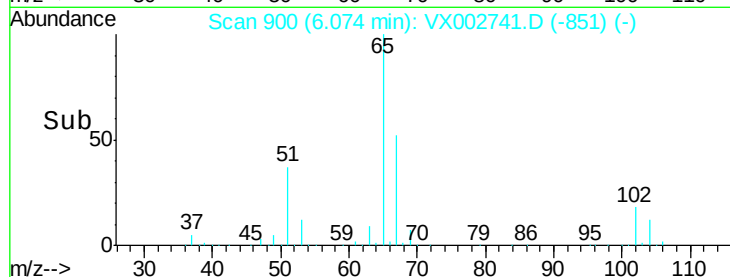
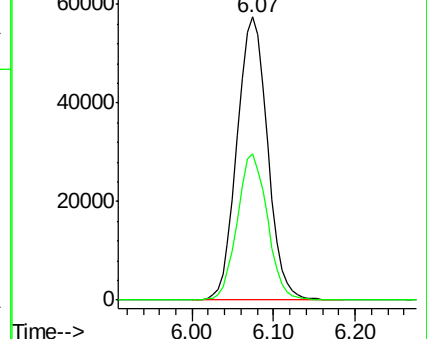
65 100

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: VX002741.D

Acq: 20 Jun 2018 15:01

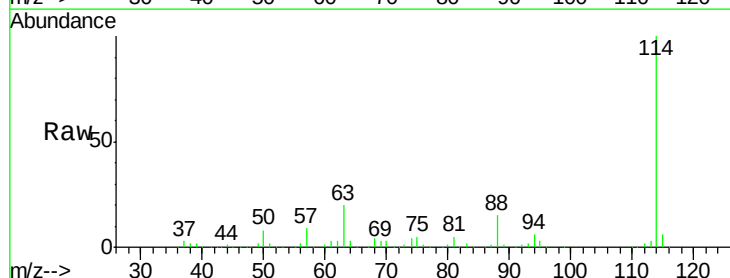
Tgt Ion: 114 Resp: 303768

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

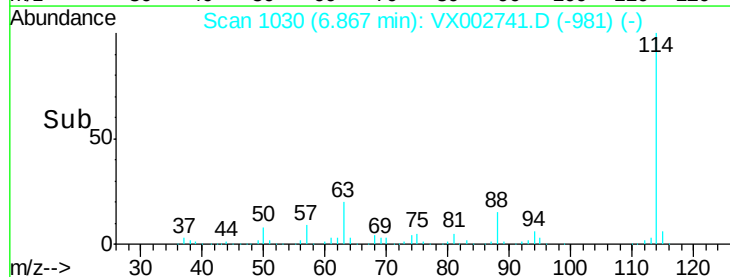
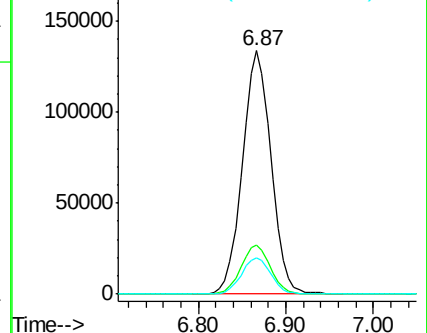
88 15.1 0.0 30.0

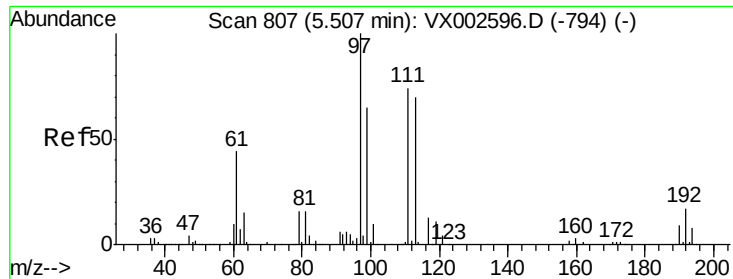


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

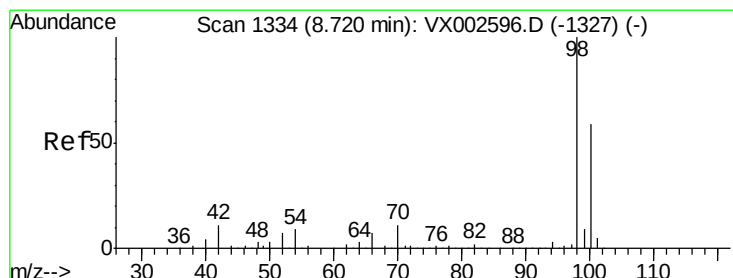
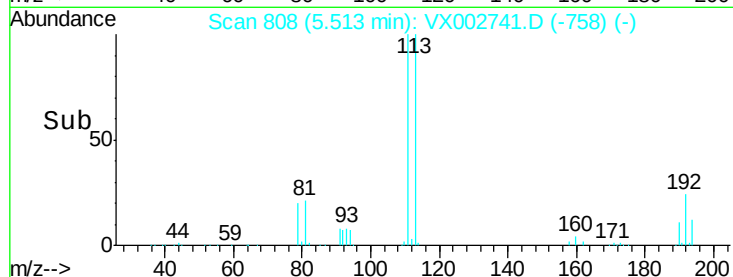
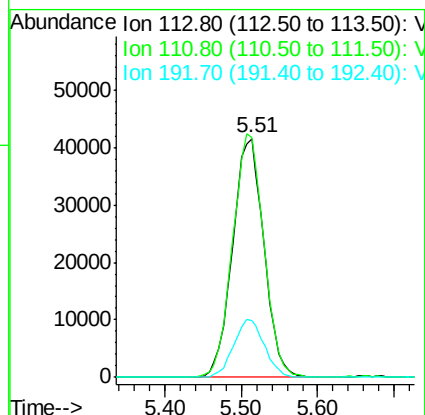
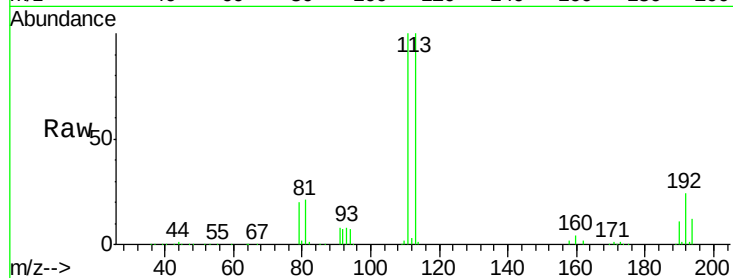




#35
 Dibromofluoromethane
 Concen: 48.687 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002741.D
 Acq: 20 Jun 2018 15:01

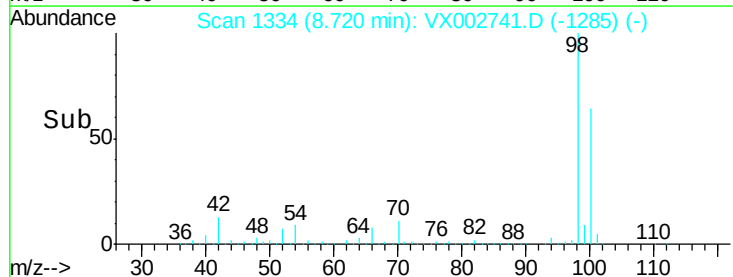
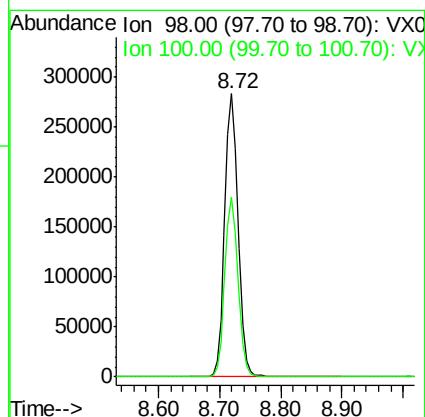
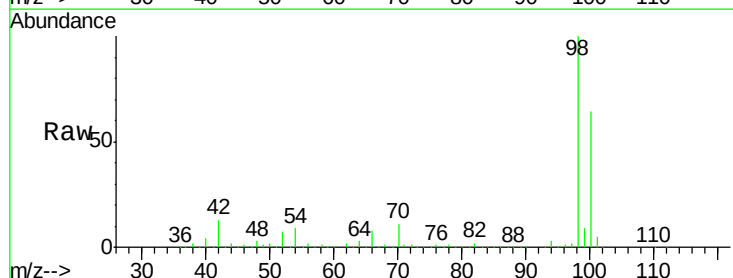
Instrument :
 MSVOA_X
 ClientSampled :
 MW-22

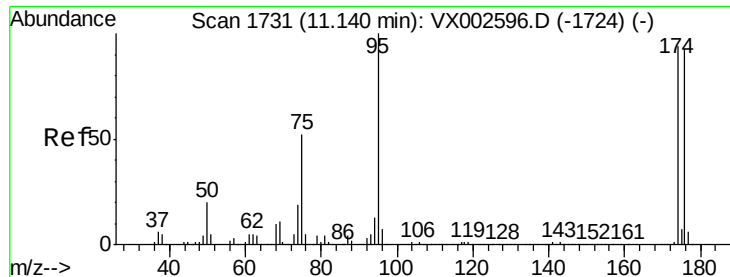
Tgt Ion: 113 Resp: 118035
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 23.8 19.1 28.7



#50
 Toluene-d8
 Concen: 47.169 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002741.D
 Acq: 20 Jun 2018 15:01

Tgt Ion: 98 Resp: 434199
 Ion Ratio Lower Upper
 98 100
 100 62.7 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 43.116 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002741.D

Acq: 20 Jun 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

MW-22

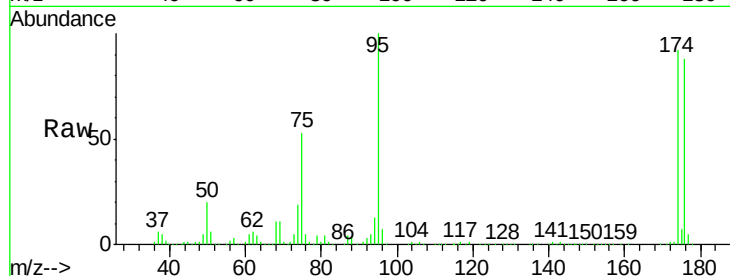
Tgt Ion: 95 Resp: 150395

Ion Ratio Lower Upper

95 100

174 97.8 0.0 187.4

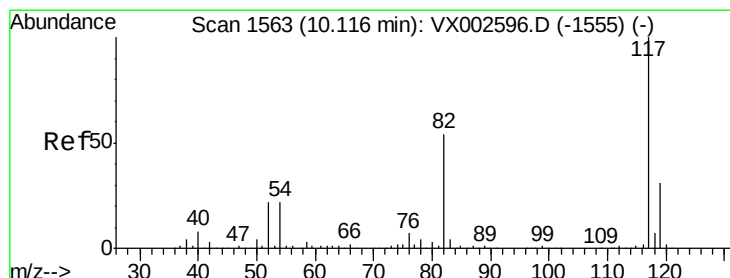
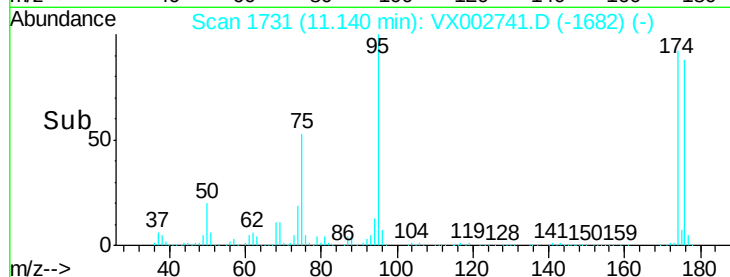
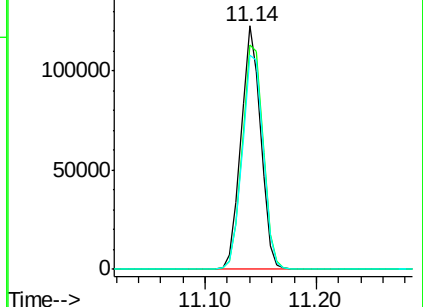
176 94.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002741.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002741.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002741.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002741.D

Acq: 20 Jun 2018 15:01

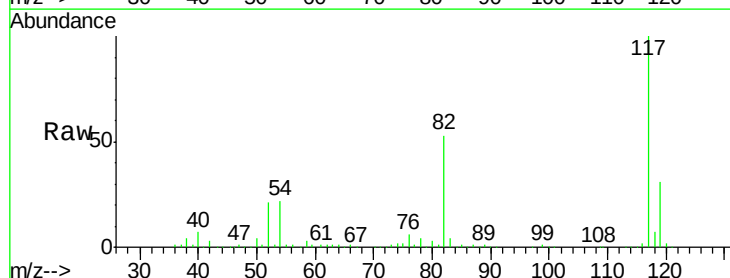
Tgt Ion: 117 Resp: 286406

Ion Ratio Lower Upper

117 100

82 53.0 45.0 67.4

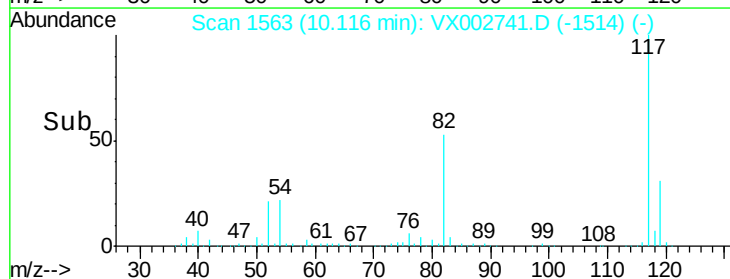
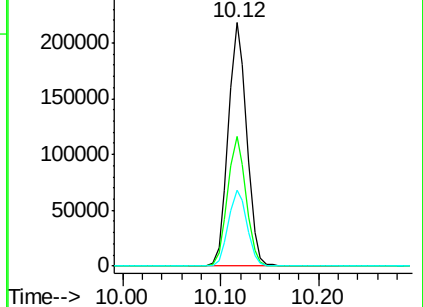
119 31.4 25.8 38.6

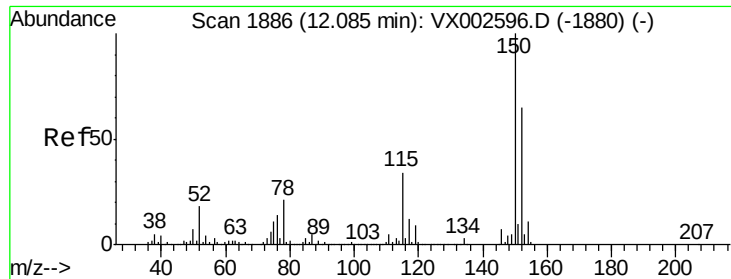


Abundance Ion 116.90 (116.60 to 117.60): VX002741.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002741.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002741.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002741.D

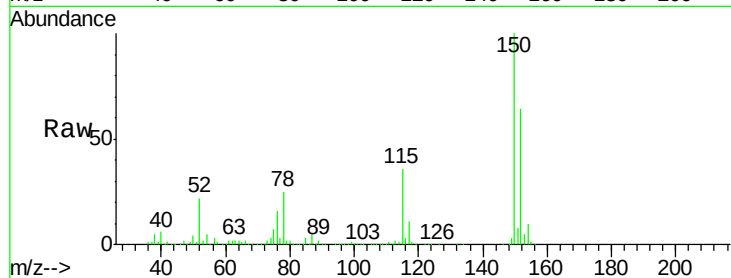
Acq: 20 Jun 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

MW-22



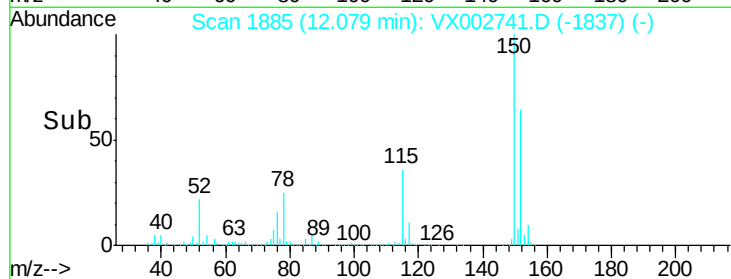
Tgt Ion:152 Resp: 161017

Ion Ratio Lower Upper

152 100

115 54.3 40.1 120.2

150 156.4 0.0 347.2



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

