

Data File : VX002743.D
Acq On : 20 Jun 2018 15:54
Operator : JC/MD
Sample : J3596-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Time: Jul 02 05:18:52 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

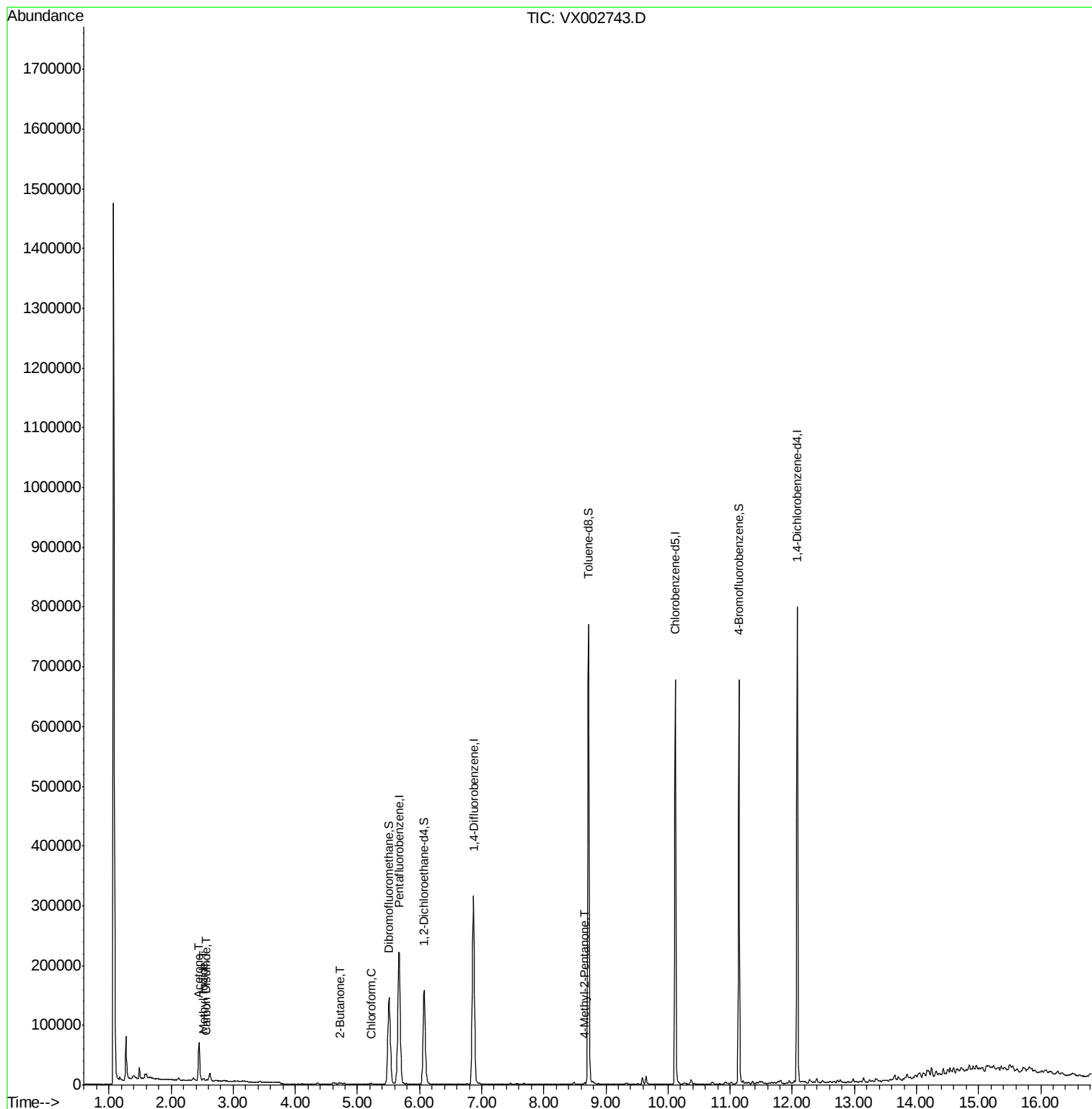
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149569	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	
35) Dibromofluoromethane	5.51	113	118599	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	8.72	98	444476	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	11.14	95	156010	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.52	142	4058	6.200	ug/l #	96
16) Acetone	2.45	43	72148	48.422	ug/l	98
17) Carbon Disulfide	2.57	76	2960	0.503	ug/l	96
25) 2-Butanone	4.72	43	4328	2.212	ug/l #	78
30) Chloroform	5.22	83	1367	0.293	ug/l	91
51) 4-Methyl-2-Pentanone	8.66	43	1774	0.446	ug/l	89

(#) = 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# 833

Delta R.T. -0.01 min

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MSVOA_X

ClientSampleId :

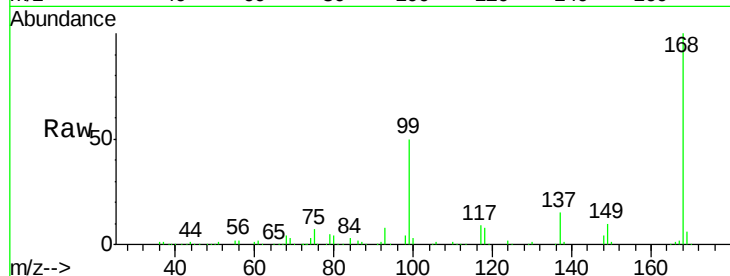
MW-12

Tgt Ion:168 Resp: 222239

Ion Ratio Lower Upper

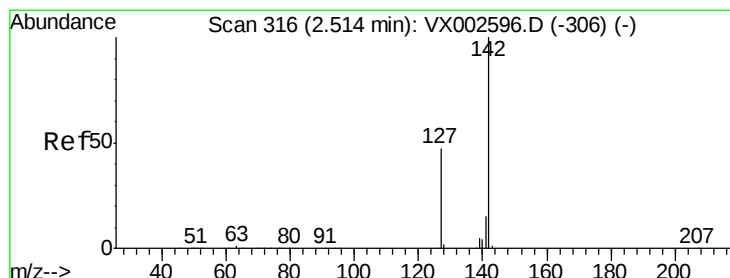
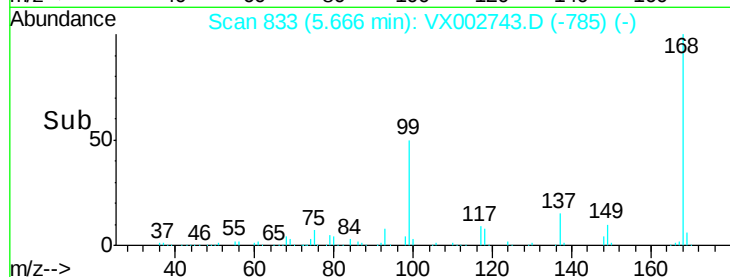
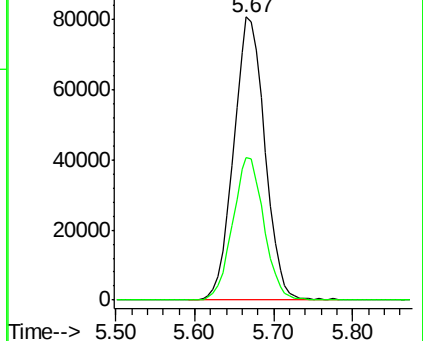
168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.200 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002743.D

Acq: 20 Jun 2018 15:54

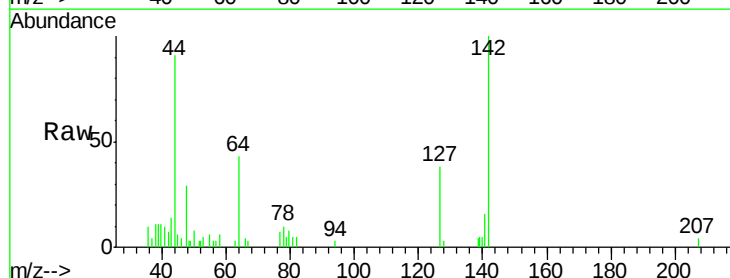
Tgt Ion:142 Resp: 4058

Ion Ratio Lower Upper

142 100

127 47.6 36.6 55.0

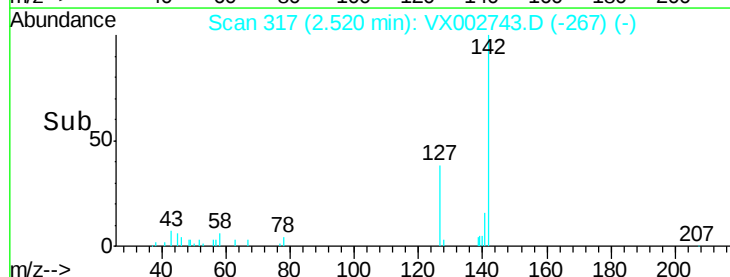
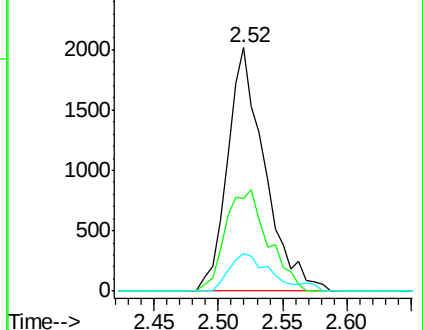
141 17.5 11.3 16.9#

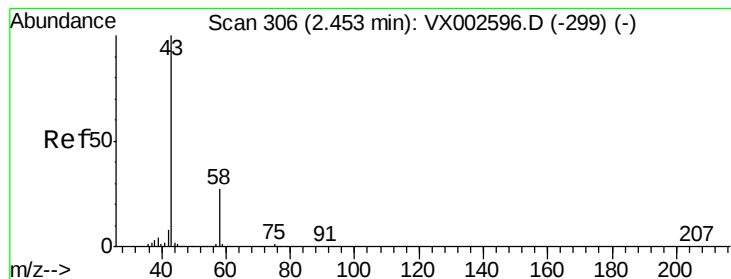


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 48.422 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002743.D

Acq: 20 Jun 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

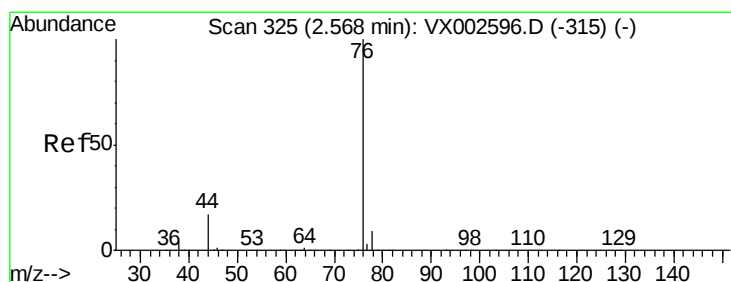
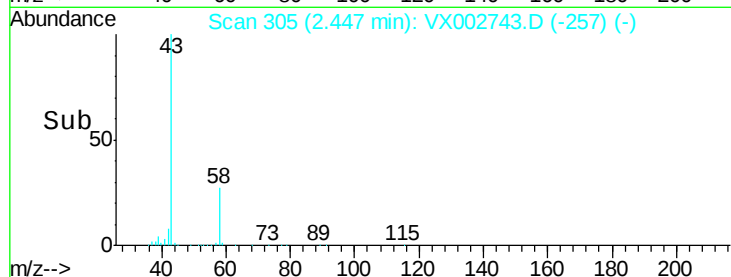
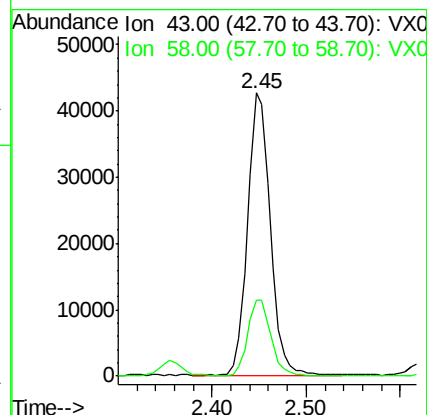
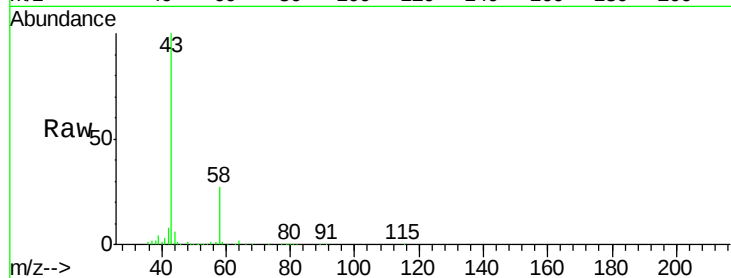
MW-12

Tgt Ion: 43 Resp: 72148

Ion Ratio Lower Upper

43 100

58 26.5 22.1 33.1



#17

Carbon Disulfide

Concen: 0.503 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002743.D

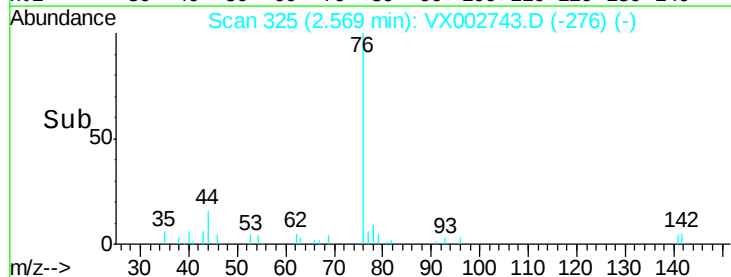
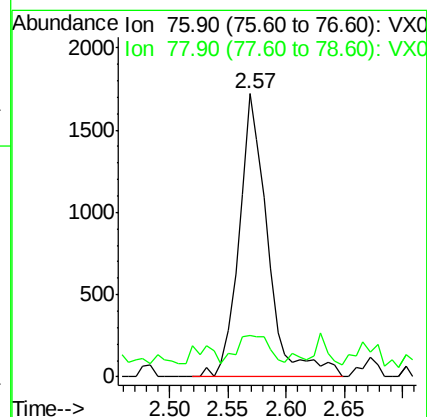
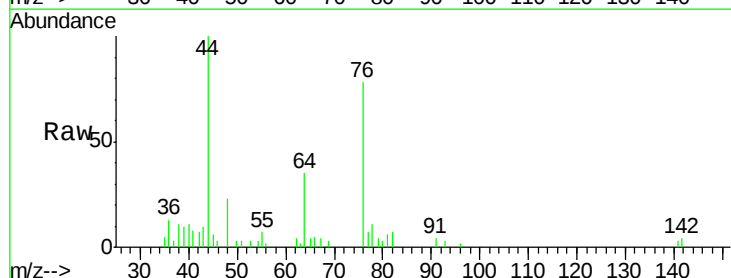
Acq: 20 Jun 2018 15:54

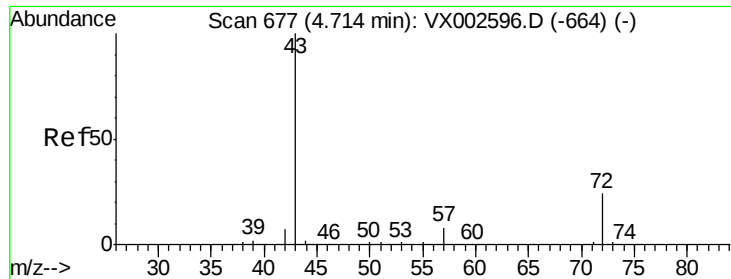
Tgt Ion: 76 Resp: 2960

Ion Ratio Lower Upper

76 100

78 10.2 6.9 10.3

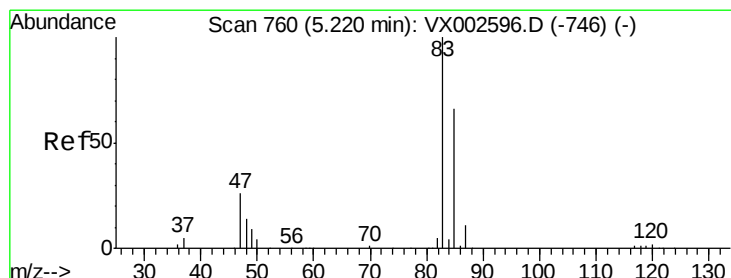
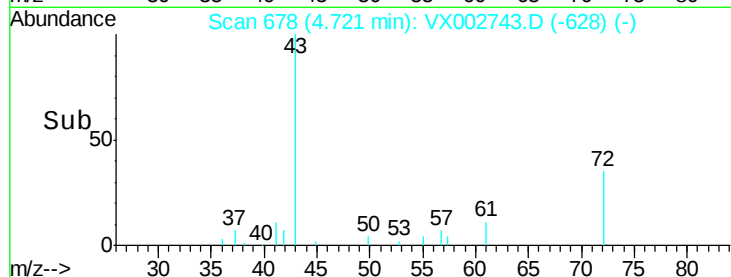
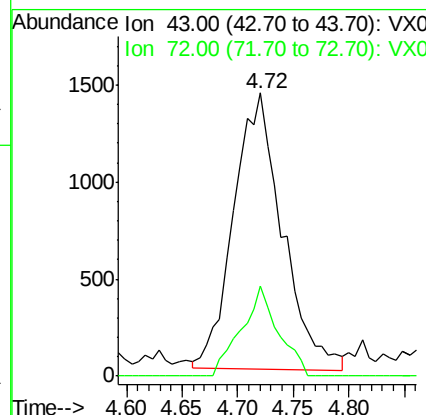
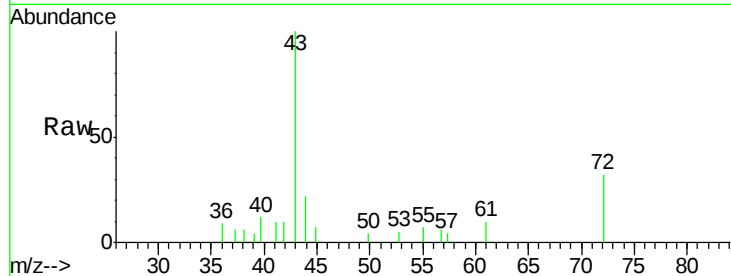




#25
2-Butanone
Concen: 2.212 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002743.D
Acq: 20 Jun 2018 15:54

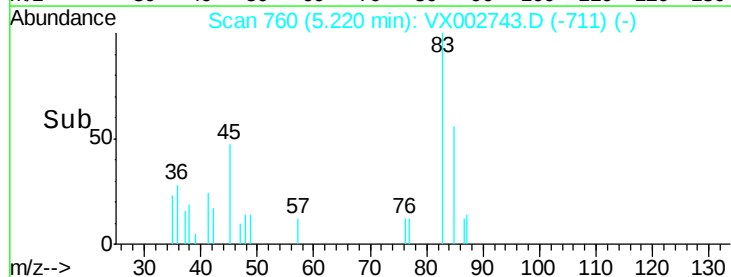
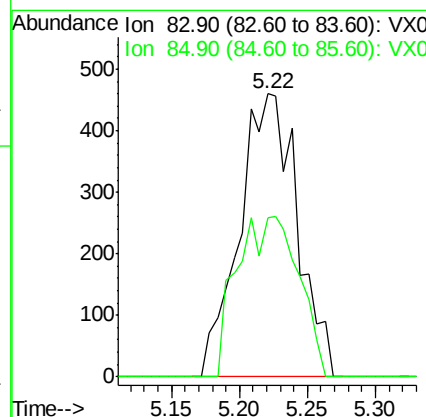
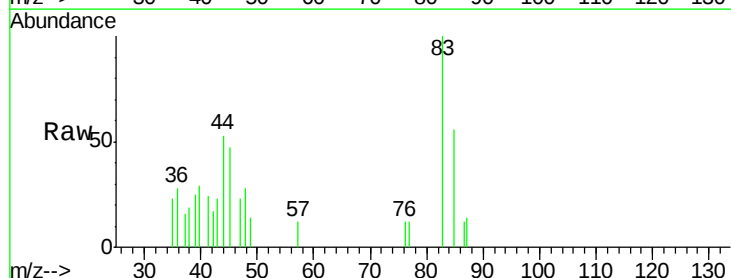
Instrument :
MSVOA_X
ClientSampleId :
MW-12

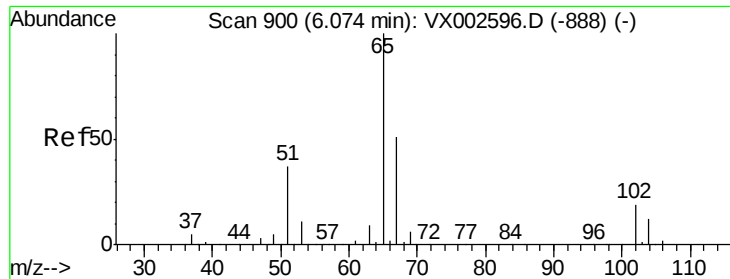
Tgt Ion: 43 Resp: 4328
Ion Ratio Lower Upper
43 100
72 33.7 18.5 27.7#



#30
Chloroform
Concen: 0.293 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002743.D
Acq: 20 Jun 2018 15:54

Tgt Ion: 83 Resp: 1367
Ion Ratio Lower Upper
83 100
85 56.1 50.4 75.6

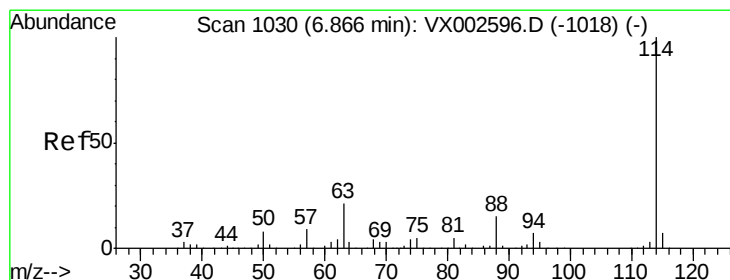
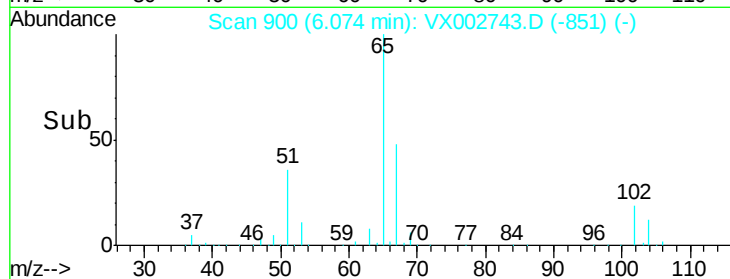
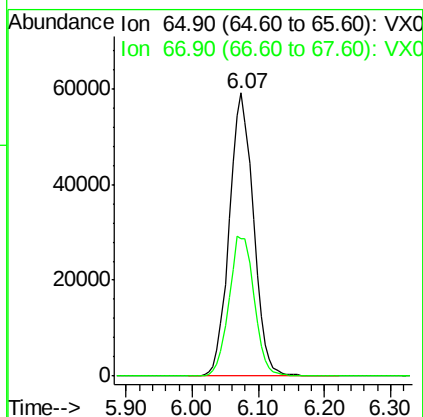
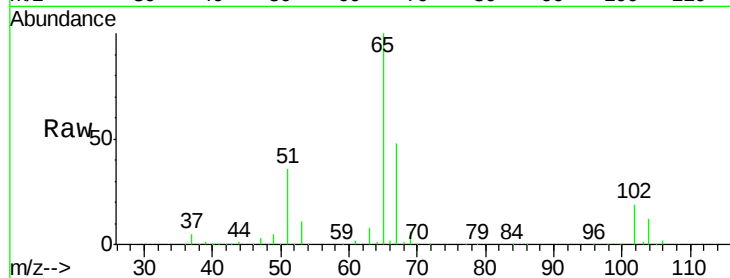




#33
 1,2-Dichloroethane-d4
 Concen: 44.288 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002743.D
 Acq: 20 Jun 2018 15:54

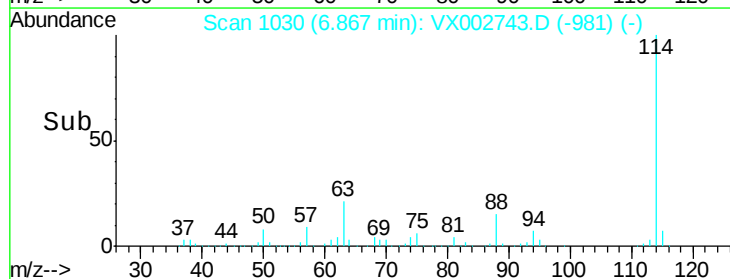
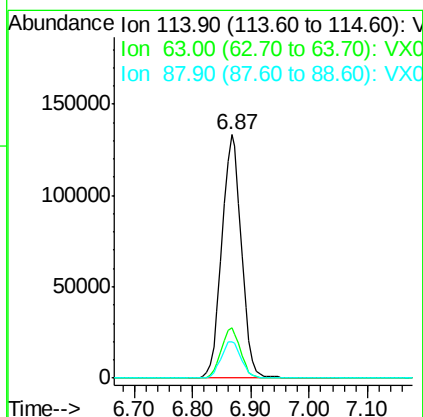
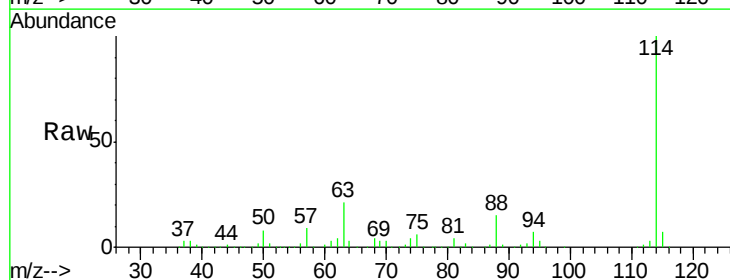
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

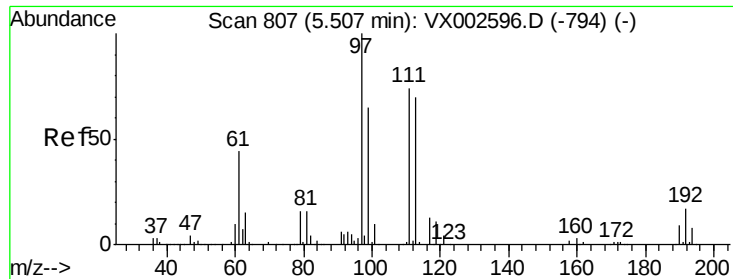
Tgt Ion: 65 Resp: 149569
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002743.D
 Acq: 20 Jun 2018 15:54

Tgt Ion: 114 Resp: 310778
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.816 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002743.D

Acq: 20 Jun 2018 15:54

Instrument :

MSVOA_X

ClientSampled :

MW-12

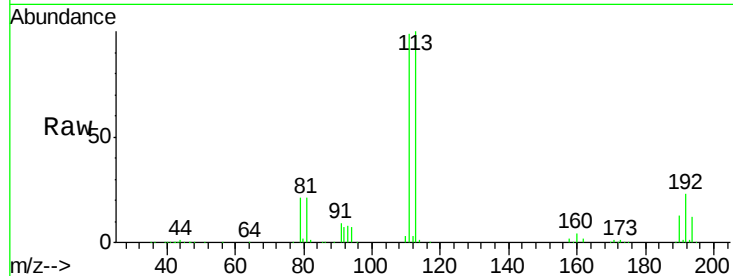
Tgt Ion:113 Resp: 118599

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

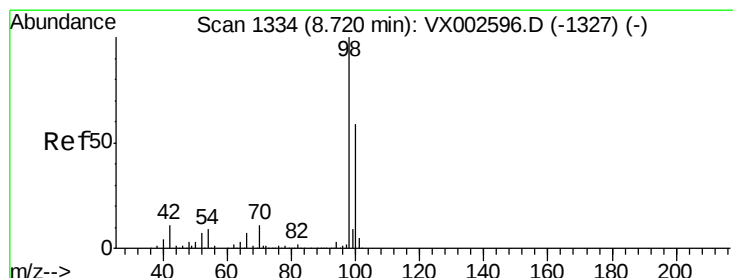
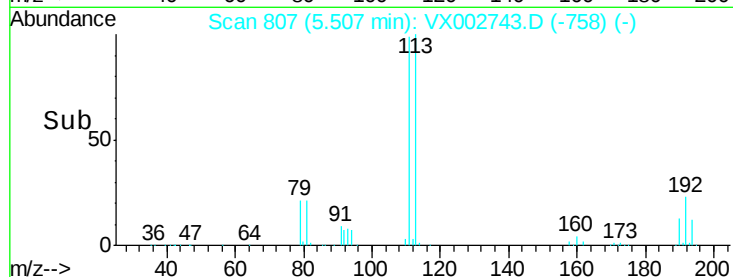
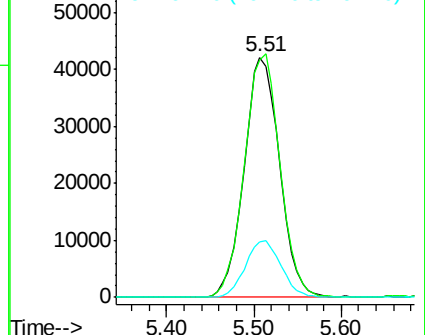
192 23.9 19.1 28.7



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: 47.196 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002743.D

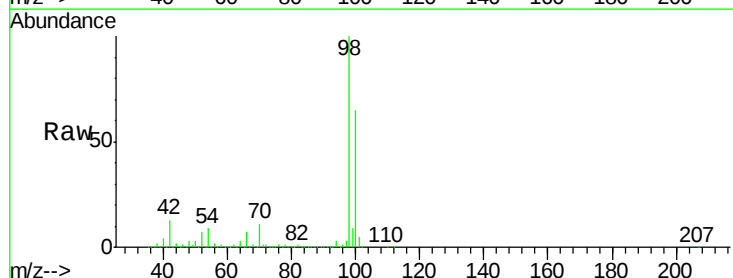
Acq: 20 Jun 2018 15:54

Tgt Ion: 98 Resp: 444476

Ion Ratio Lower Upper

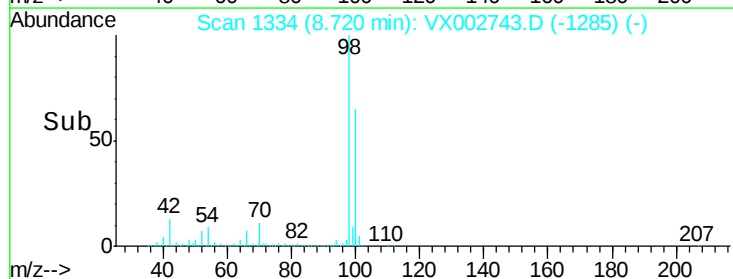
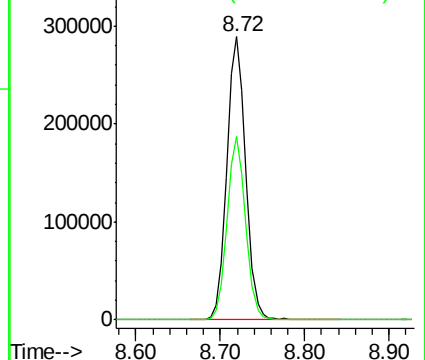
98 100

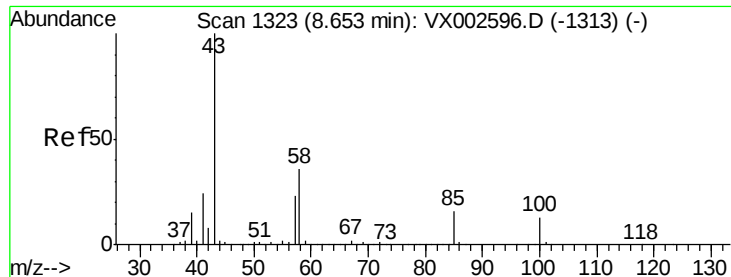
100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.446 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002743.D

Acq: 20 Jun 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

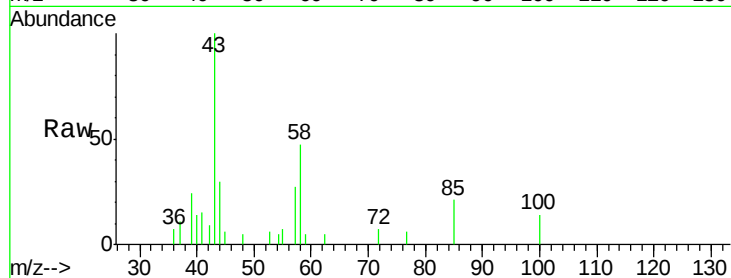
MW-12

Tgt Ion: 43 Resp: 1774

Ion Ratio Lower Upper

43 100

58 42.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

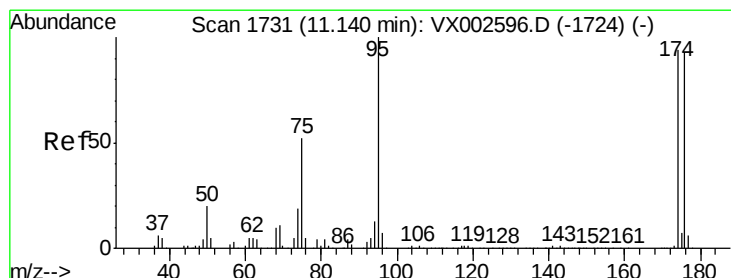
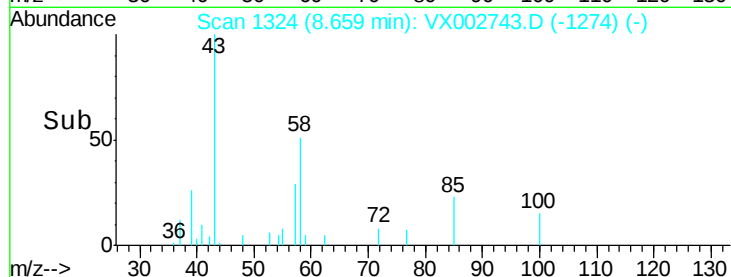
1500

1000

500

0

Time--> 8.60 8.65 8.70



#62

4-Bromofluorobenzene

Concen: 43.717 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002743.D

Acq: 20 Jun 2018 15:54

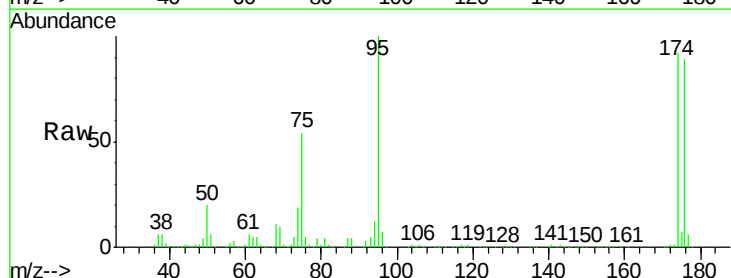
Tgt Ion: 95 Resp: 156010

Ion Ratio Lower Upper

95 100

174 96.6 0.0 187.4

176 94.8 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

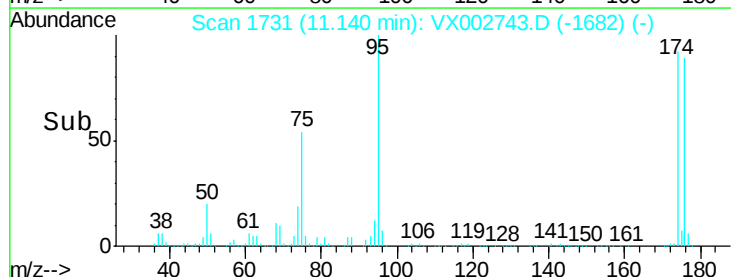
150000

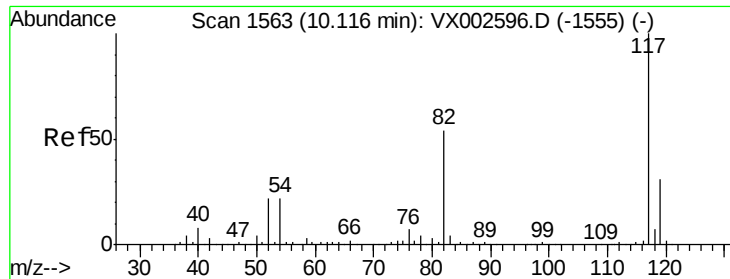
100000

50000

0

Time--> 11.00 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002743.D

Acq: 20 Jun 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

MW-12

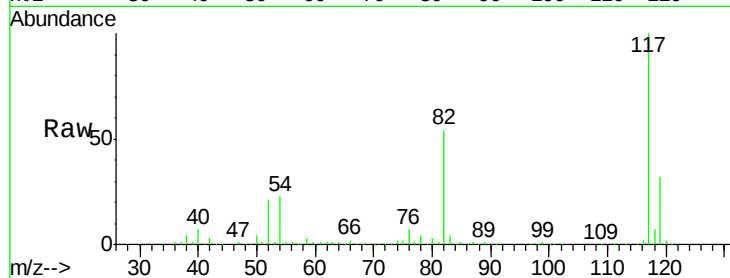
Tgt Ion:117 Resp: 291187

Ion Ratio Lower Upper

117 100

82 54.2 45.0 67.4

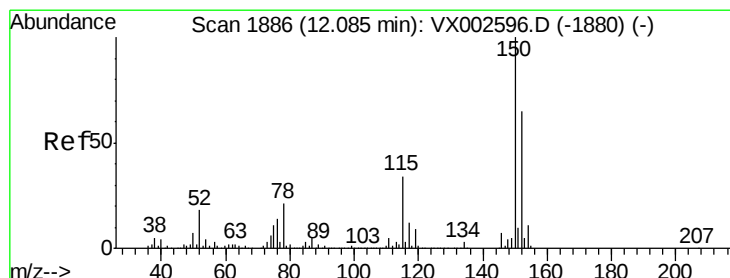
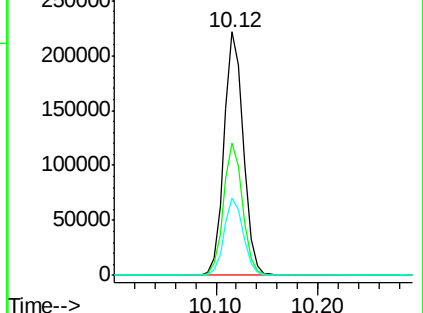
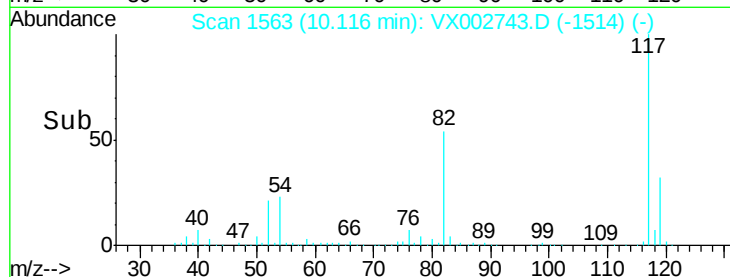
119 31.9 25.8 38.6



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: VX002743.D

Acq: 20 Jun 2018 15:54

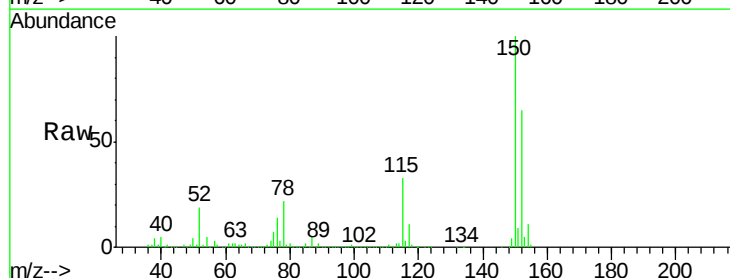
Tgt Ion:152 Resp: 167622

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

150 154.7 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

