

Data File : VX003112.D
Acq On : 01 Jul 2018 07:19
Operator : JC/MD
Sample : J3799-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Quant Time: Jul 07 05:18:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

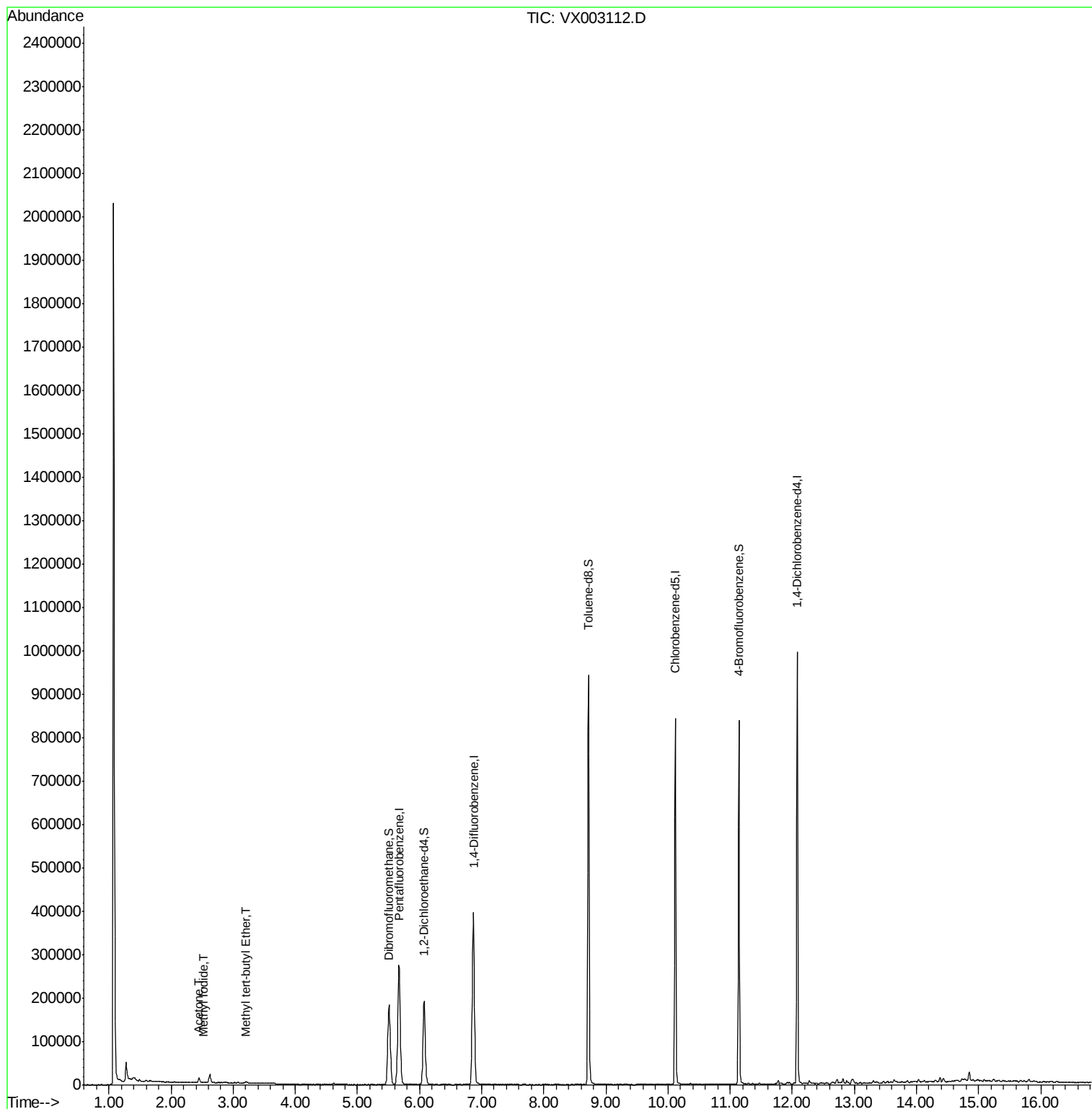
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	396609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	184045	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
35) Dibromofluoromethane	5.51	113	151904	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	8.72	98	554648	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.14	95	197535	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
Target Compounds						
10) Methyl Iodide	2.52	142	1416	6.620	ug/l #	90
16) Acetone	2.45	43	10588	6.592	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	3504	0.352	ug/l	99

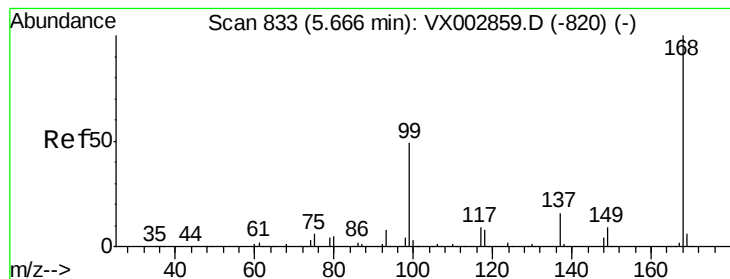
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

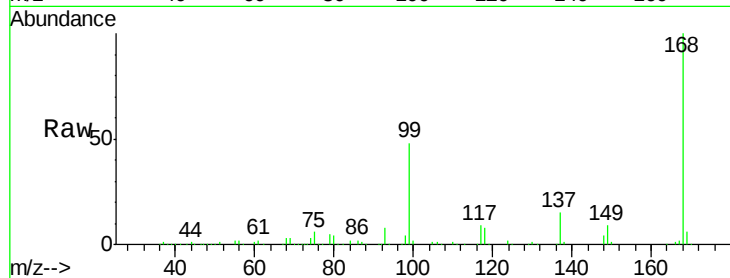
MW-5

Tgt Ion:168 Resp: 280606

Ion Ratio Lower Upper

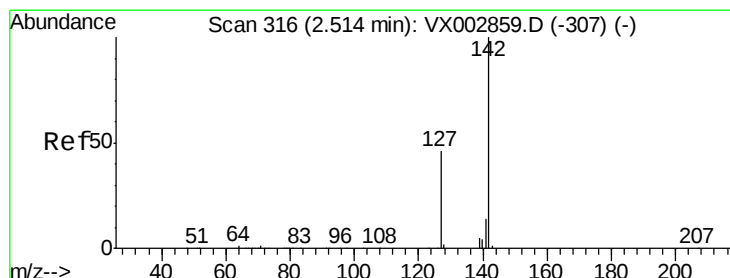
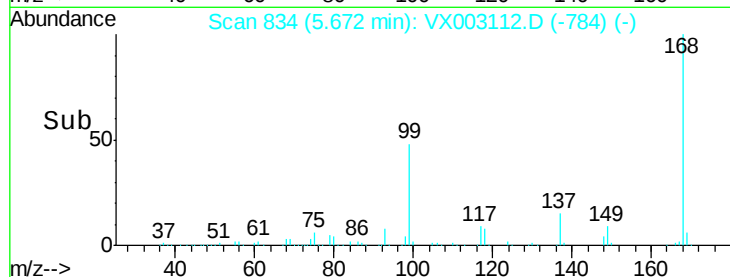
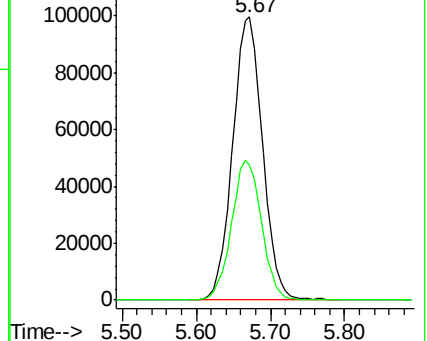
168 100

99 47.5 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: 6.620 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003112.D

Acq: 01 Jul 2018 07:19

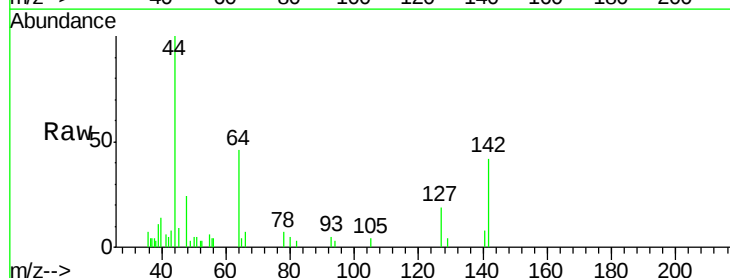
Tgt Ion:142 Resp: 1416

Ion Ratio Lower Upper

142 100

127 51.2 36.6 55.0

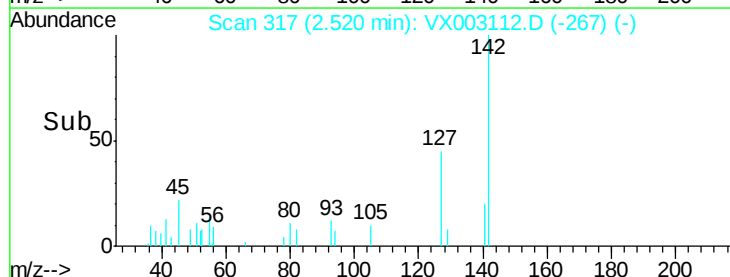
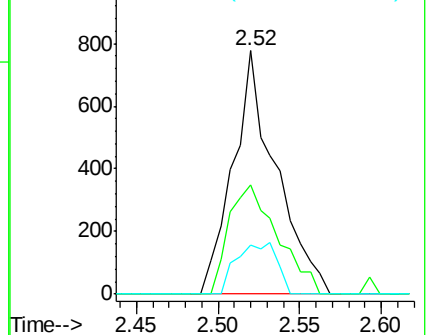
141 20.0 11.3 16.9#

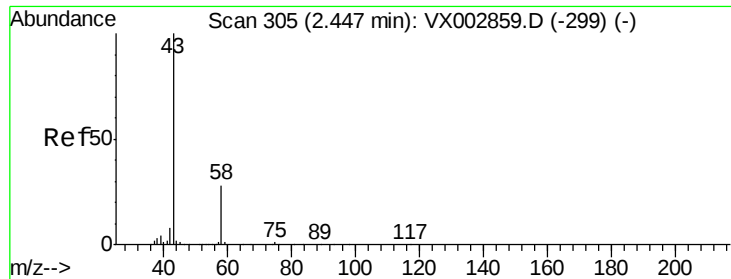


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 6.592 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003112.D

Acq: 01 Jul 2018 07:19

Instrument :

MSVOA_X

ClientSampled :

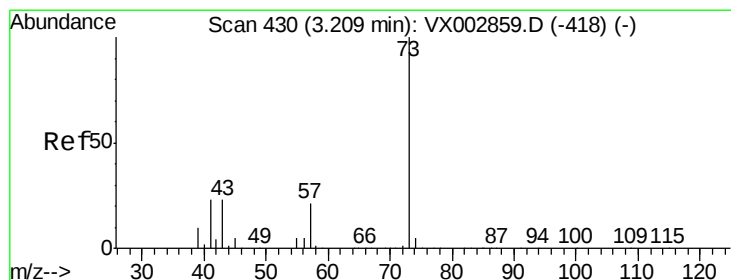
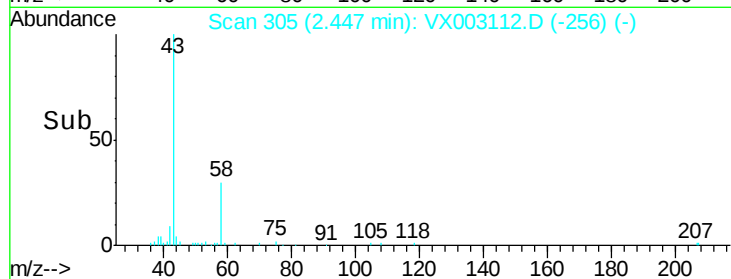
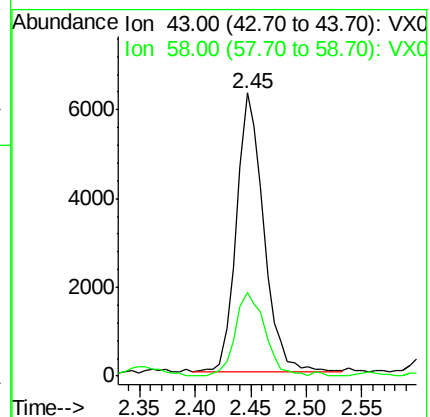
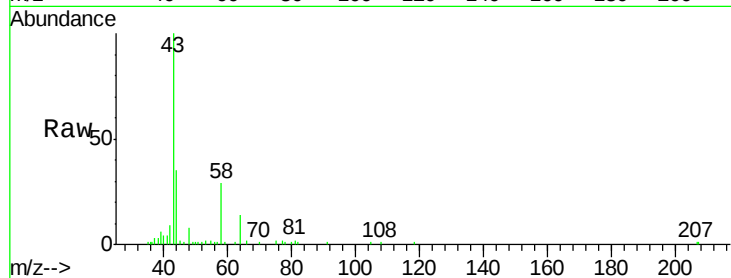
MW-5

Tgt Ion: 43 Resp: 10588

Ion Ratio Lower Upper

43 100

58 29.9 22.1 33.1



#19

Methyl tert-butyl Ether

Concen: 0.352 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX003112.D

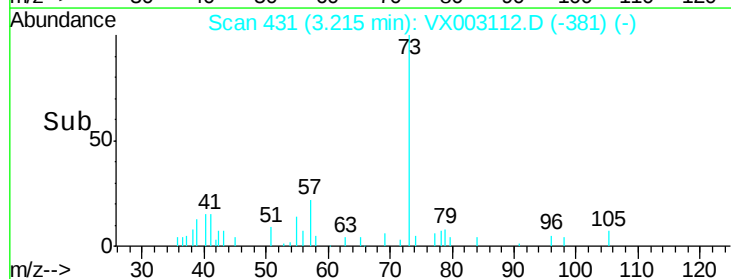
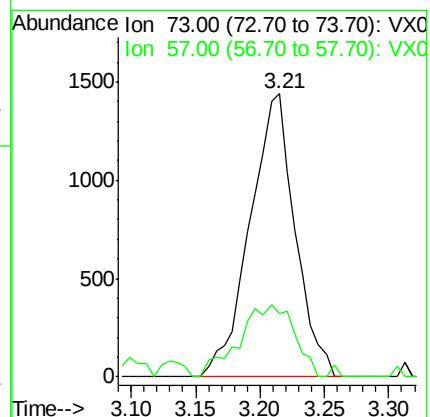
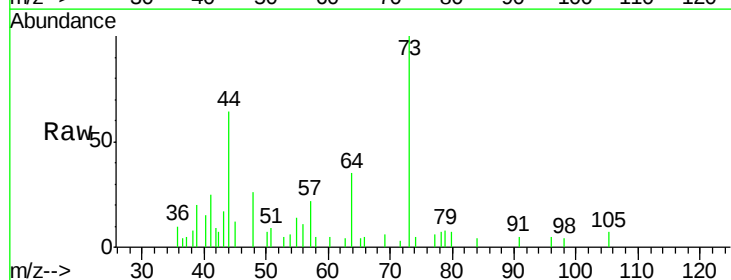
Acq: 01 Jul 2018 07:19

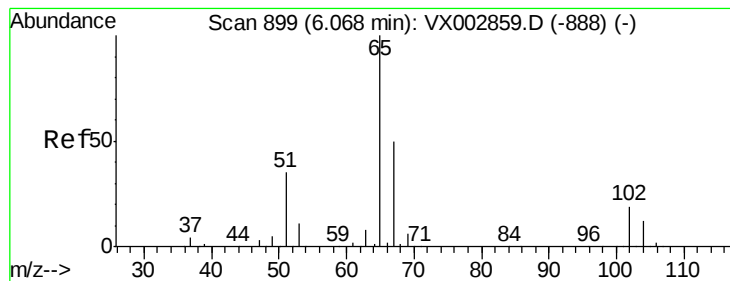
Tgt Ion: 73 Resp: 3504

Ion Ratio Lower Upper

73 100

57 22.4 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 47.452 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003112.D

Acq: 01 Jul 2018 07:19

Instrument :

MSVOA_X

ClientSampleId :

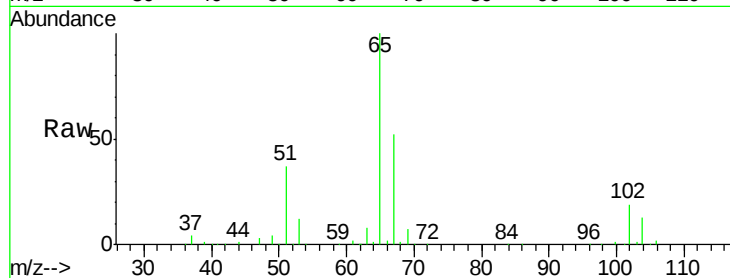
MW-5

Tgt Ion: 65 Resp: 184045

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

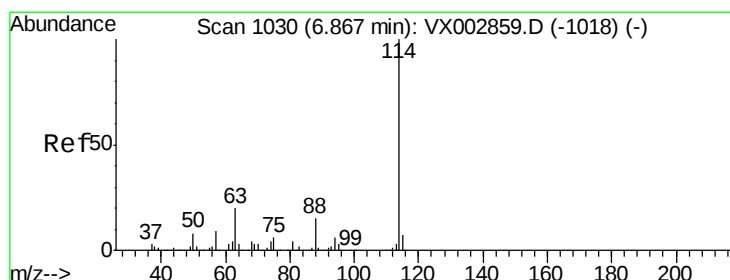
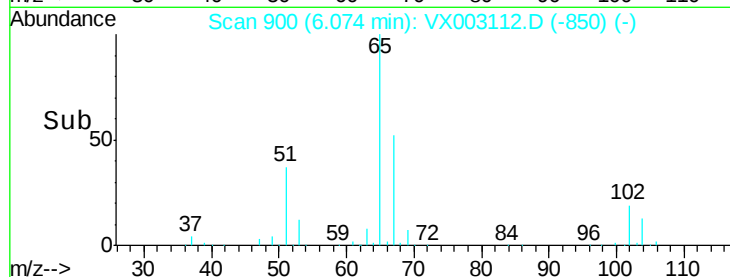
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003112.D

Acq: 01 Jul 2018 07:19

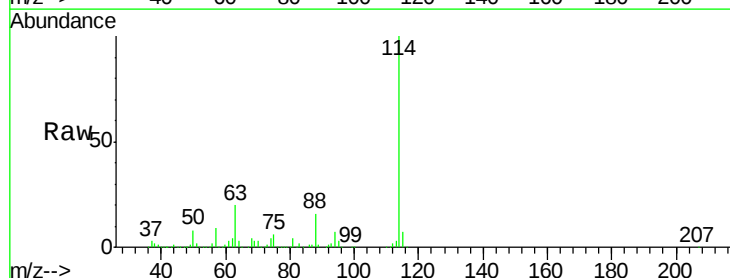
Tgt Ion: 114 Resp: 396609

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

88 15.8 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

200000

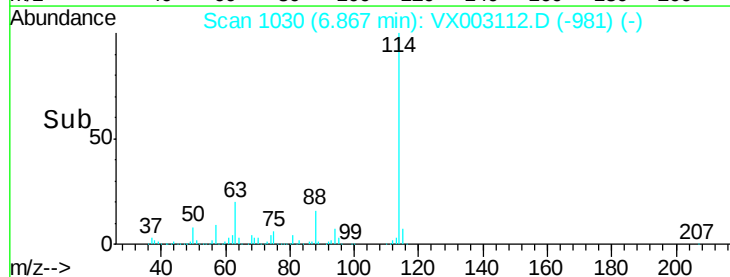
150000

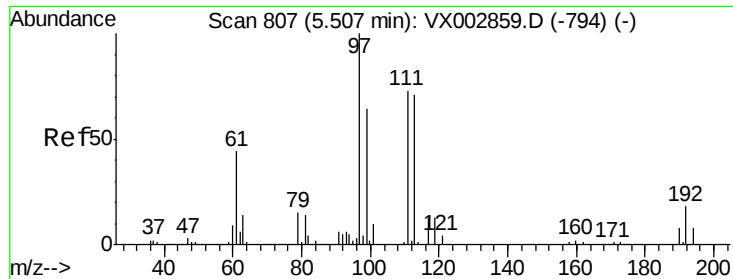
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

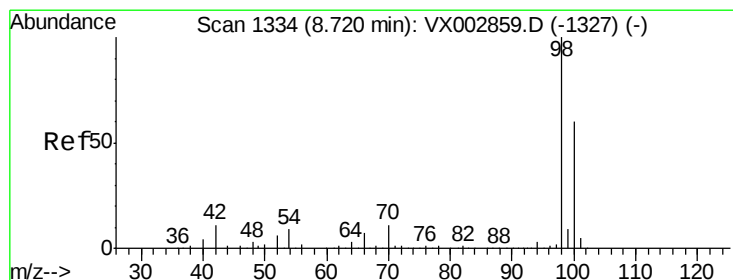
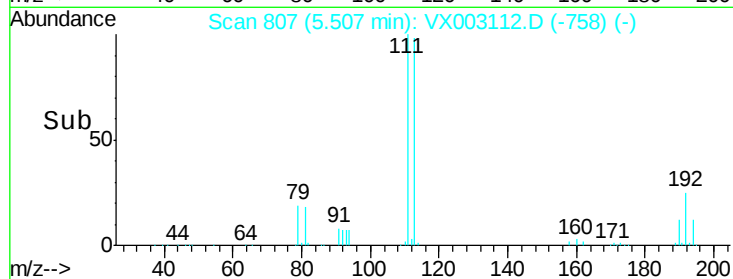
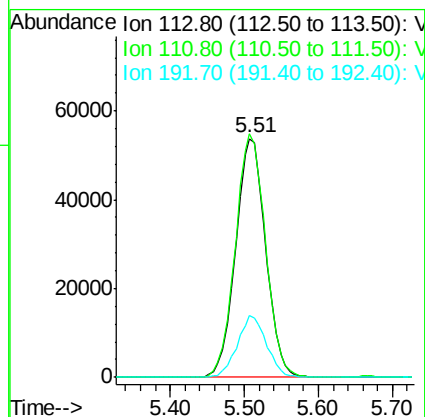
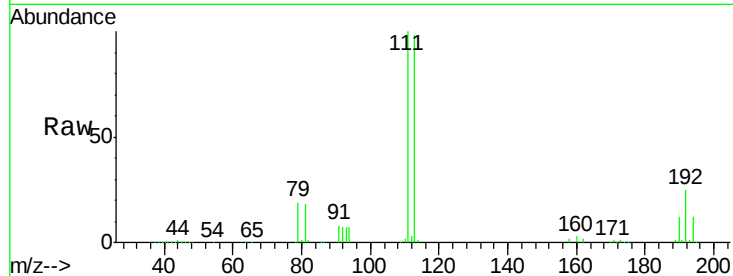




#35
 Dibromofluoromethane
 Concen: 48.365 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003112.D
 Acq: 01 Jul 2018 07:19

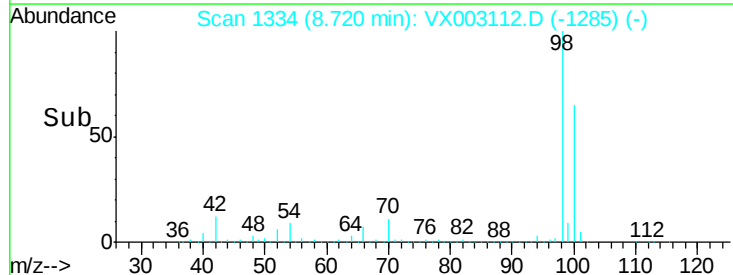
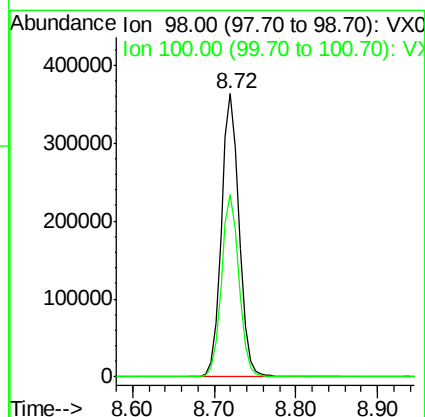
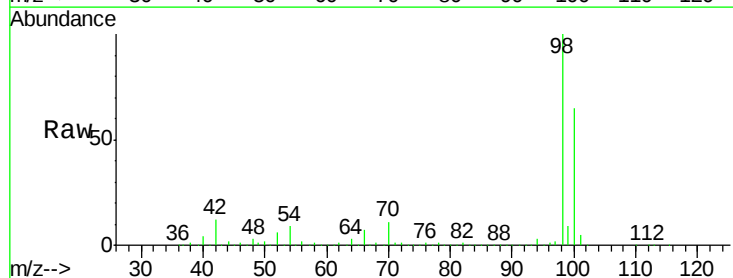
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

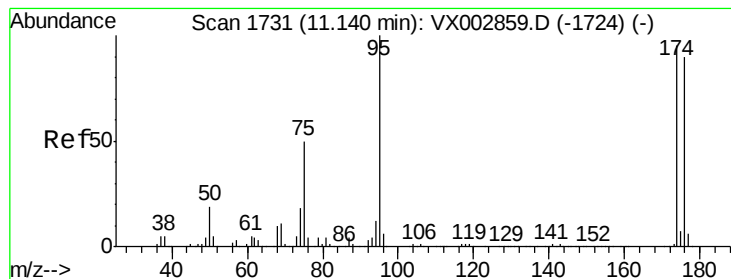
Tgt Ion:113 Resp: 151904
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.0
 192 25.1 19.1 28.7



#50
 Toluene-d8
 Concen: 48.359 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003112.D
 Acq: 01 Jul 2018 07:19

Tgt Ion: 98 Resp: 554648
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 44.658 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003112.D

Acq: 01 Jul 2018 07:19

Instrument :

MSVOA_X

ClientSampled :

MW-5

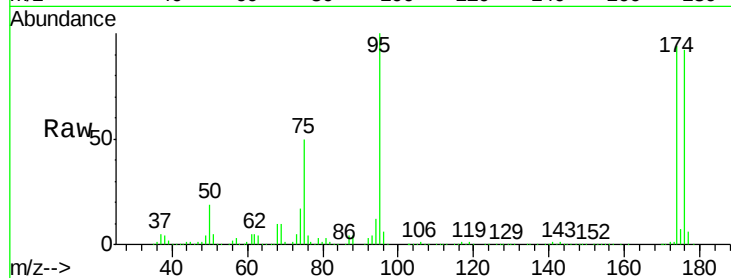
Tgt Ion: 95 Resp: 197535

Ion Ratio Lower Upper

95 100

174 97.9 0.0 187.4

176 95.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)

11.14

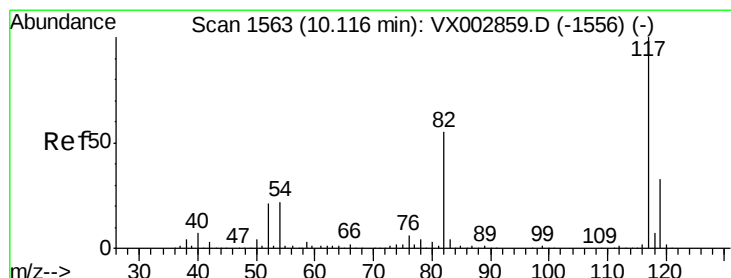
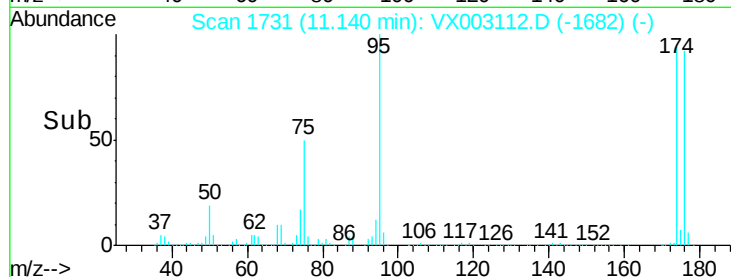
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003112.D

Acq: 01 Jul 2018 07:19

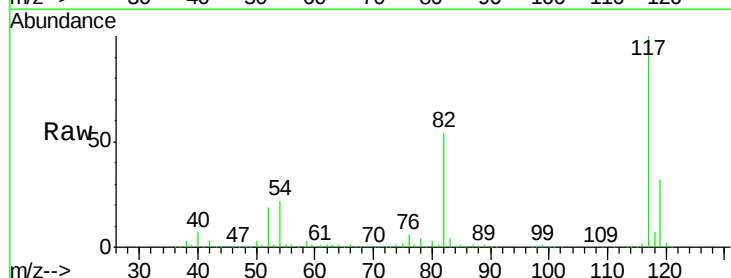
Tgt Ion: 117 Resp: 368011

Ion Ratio Lower Upper

117 100

82 53.7 45.0 67.4

119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)

10.12

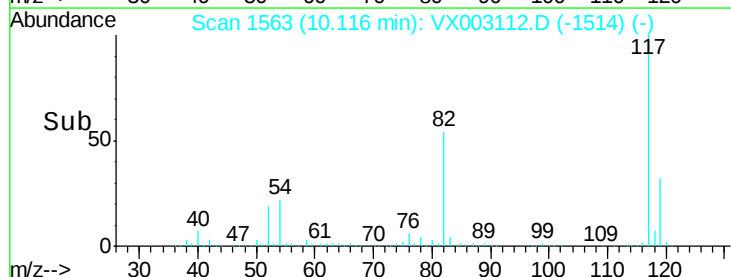
300000

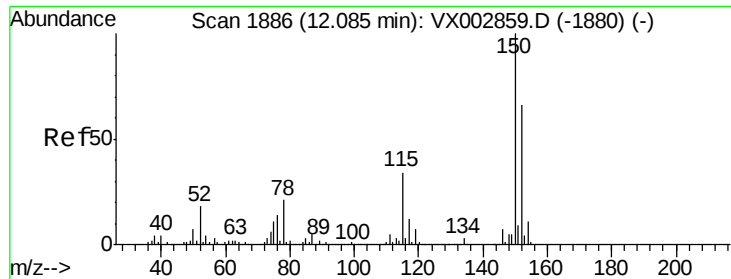
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003112.D

Acq: 01 Jul 2018 07:19

Instrument :

MSVOA_X

ClientSampleId :

MW-5

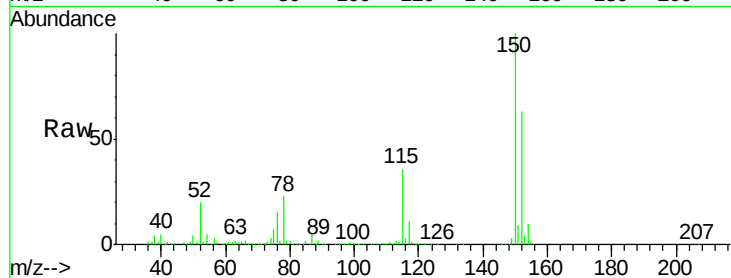
Tgt Ion:152 Resp: 213112

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

150 156.0 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

