

Data File : VX001332.D
Acq On : 02 May 2018 22:57
Operator : JC/MD
Sample : VX0502WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBL02

Quant Time: May 03 05:08:53 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	145136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	193689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	171378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	93380	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	90655	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
35) Dibromofluoromethane	5.51	113	74325	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
50) Toluene-d8	8.72	98	268748	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	
62) 4-Bromofluorobenzene	11.14	95	85330	35.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.58%	

Target Compounds				Qvalue		
5) Bromomethane	1.65	94	765	Below Cal		85
10) Methyl Iodide	2.53	142	1058	4.88 ug/l		96
11) Tert butyl alcohol	3.03	59	614	1.78 ug/l #		91
13) Acrolein	2.28	56	64	0.32 ug/l #		1
15) Acrylonitrile	3.16	53	337	0.42 ug/l		93
16) Acetone	2.46	43	645	0.75 ug/l #		87
17) Carbon Disulfide	2.57	76	793	0.21 ug/l #		89
18) Methyl Acetate	2.79	43	481	0.24 ug/l #		85
20) Methylene Chloride	2.86	84	125	Below Cal #		46
31) Cyclohexane	5.67	56	2902	1.18 ug/l #		23
36) 1,1-Dichloropropene	5.67	75	9176	4.10 ug/l #		50
38) Carbon Tetrachloride	5.67	117	12463	5.32 ug/l #		20
76) 1,2,3-Trichloropropane	11.14	75	43686	25.30 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.14	75	43686	79.54 ug/l #		6

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

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ALS Vial : 27 Sample Multiplier: 1

Instrument :

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ClientSampleId :

VX0502WBL02

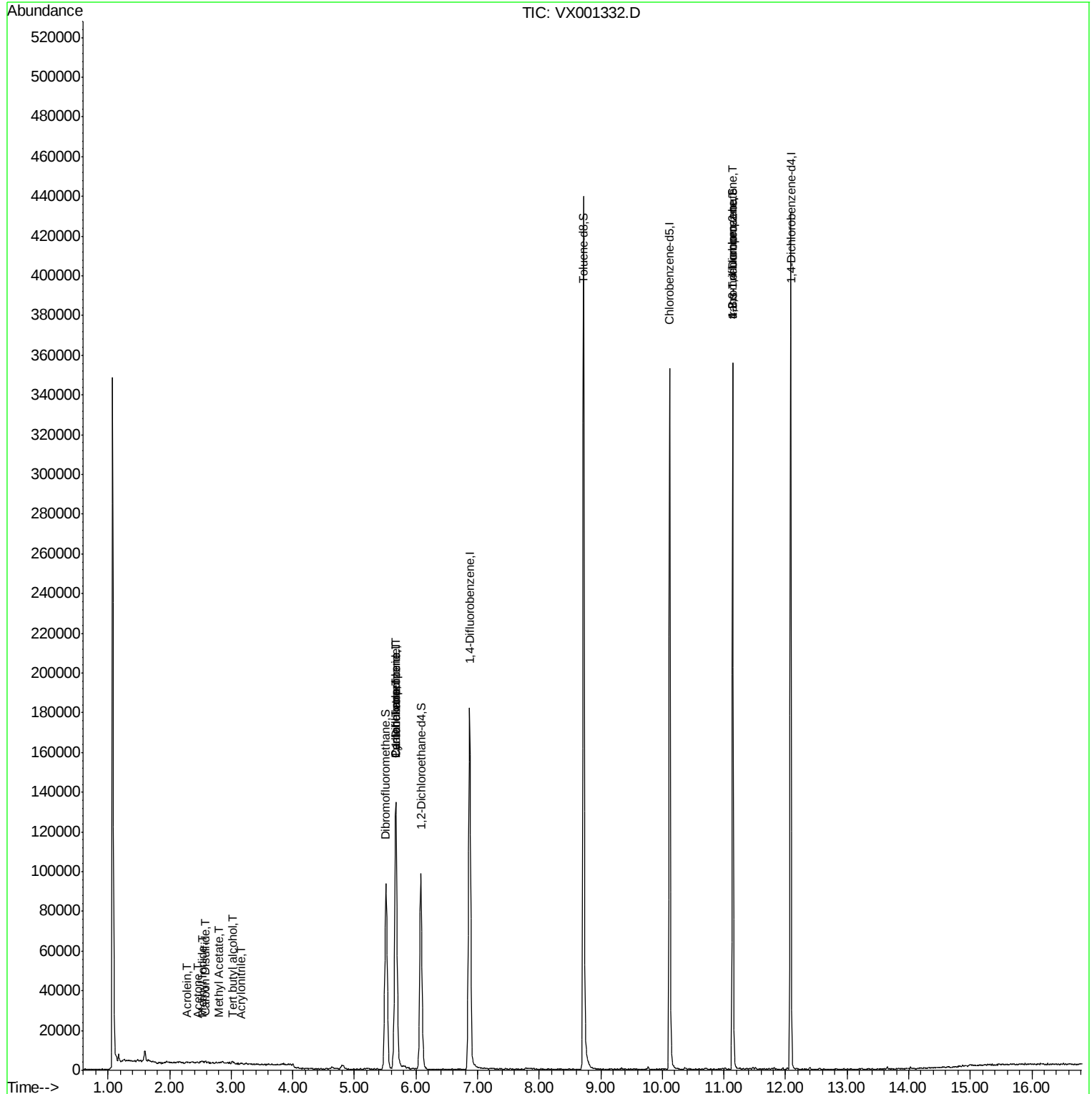
Quant Time: May 03 05:08:53 2018

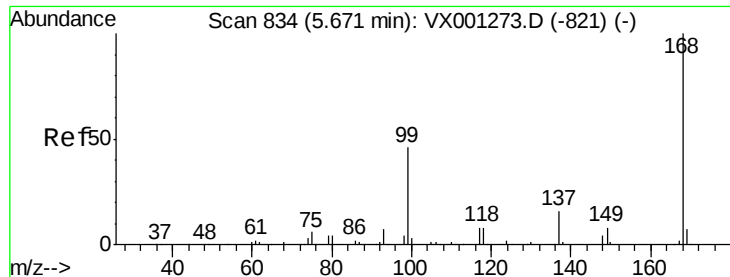
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

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Acq: 02 May 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

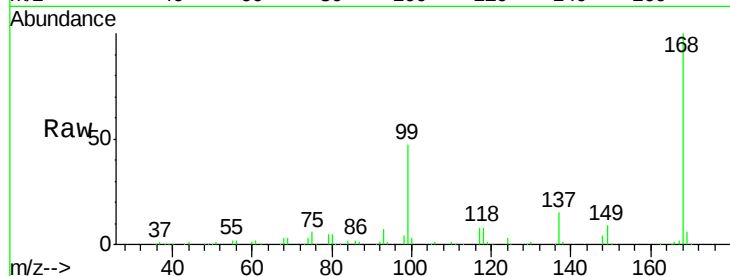
VX0502WBL02

Tgt Ion:168 Resp: 145136

Ion Ratio Lower Upper

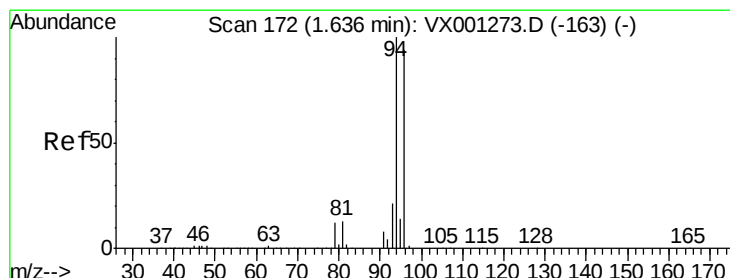
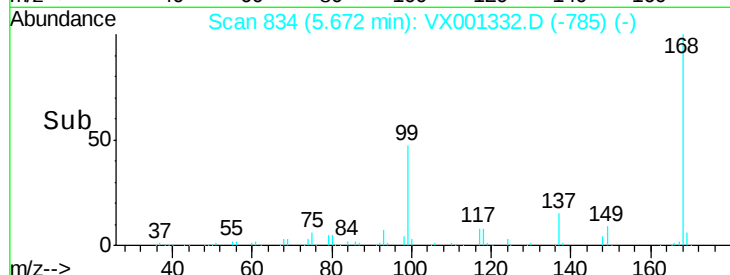
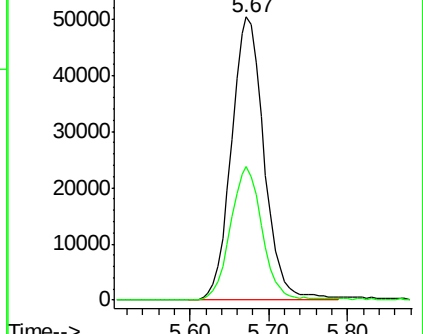
168 100

99 47.1 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001332.D

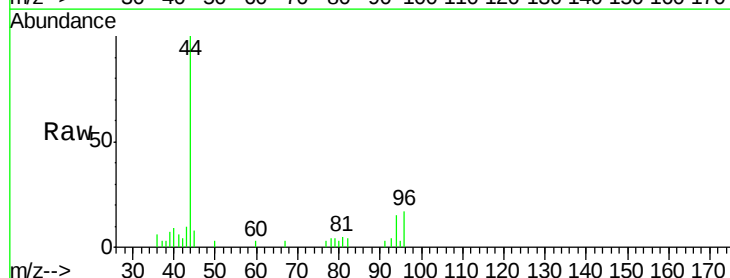
Acq: 02 May 2018 22:57

Tgt Ion: 94 Resp: 765

Ion Ratio Lower Upper

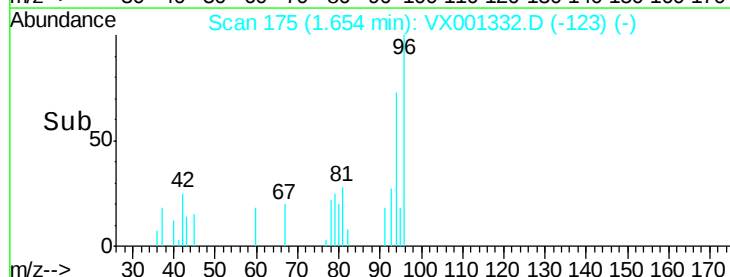
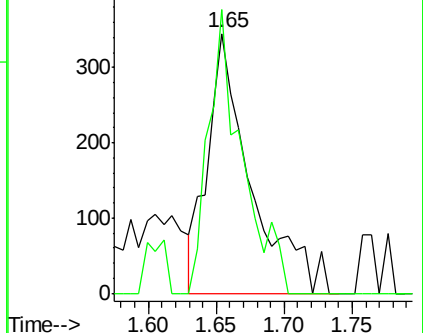
94 100

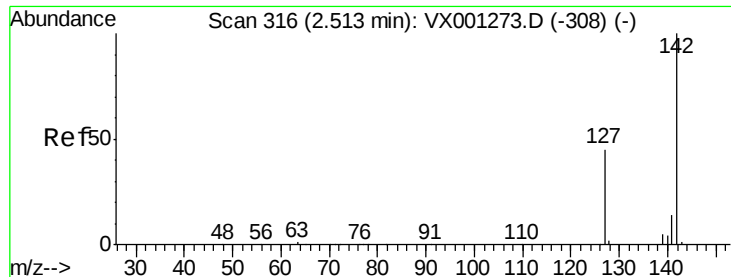
96 109.3 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

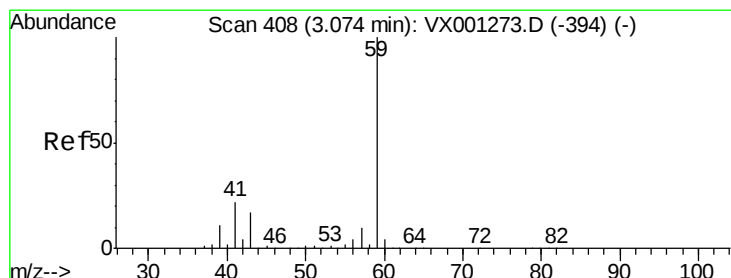
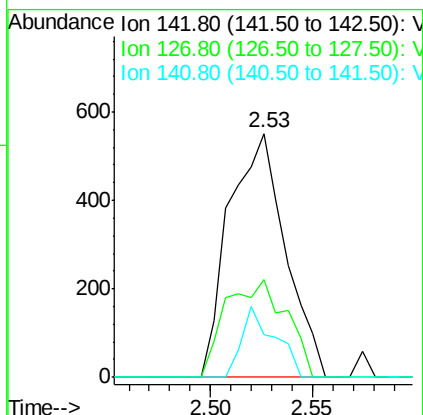
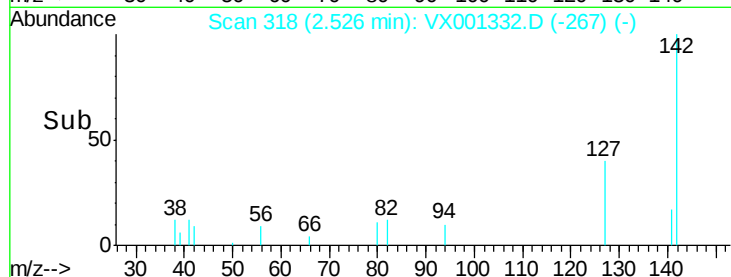
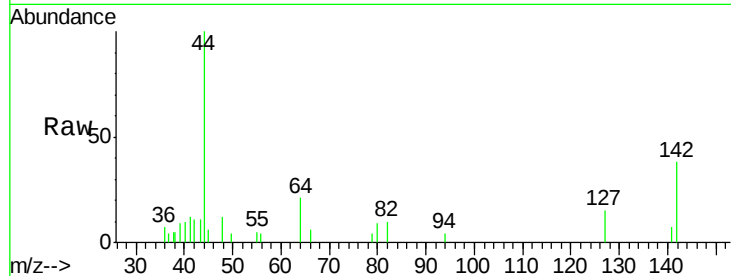




#10
Methyl Iodide
Concen: 4.88 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX001332.D
Acq: 02 May 2018 22:57

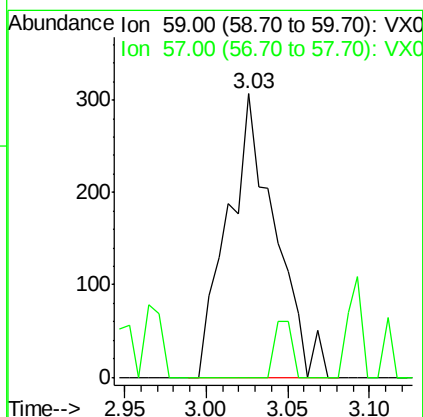
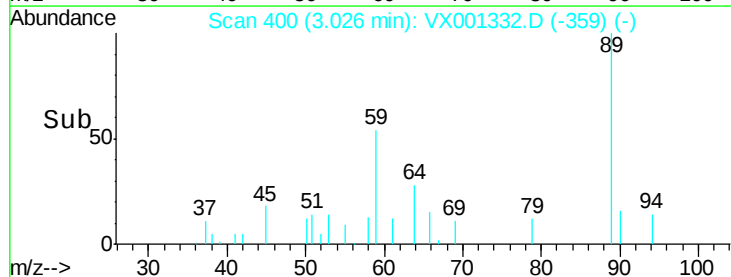
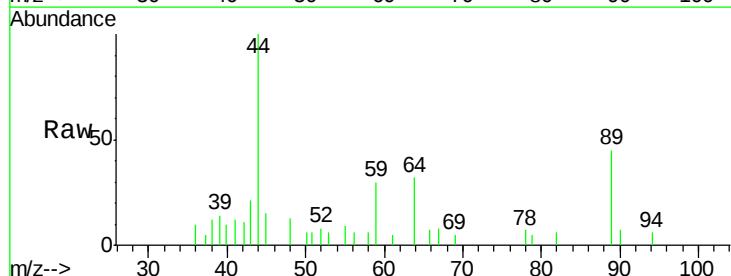
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBL02

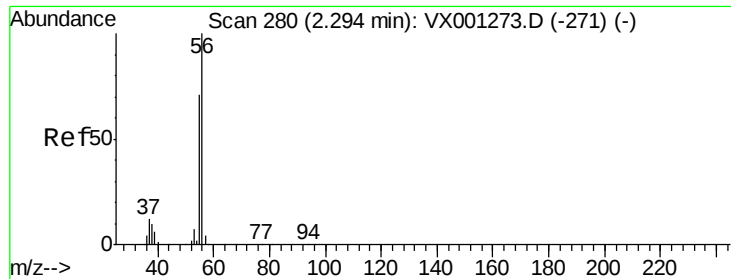
Tgt Ion: 142 Resp: 1058
Ion Ratio Lower Upper
142 100
127 42.6 35.7 53.5
141 16.6 11.4 17.0



#11
Tert butyl alcohol
Concen: 1.78 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX001332.D
Acq: 02 May 2018 22:57

Tgt Ion: 59 Resp: 614
Ion Ratio Lower Upper
59 100
57 7.2 8.6 12.8#

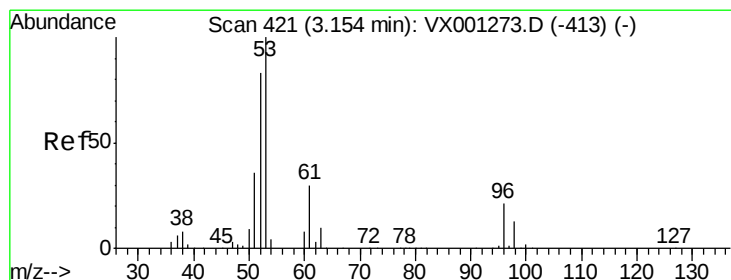
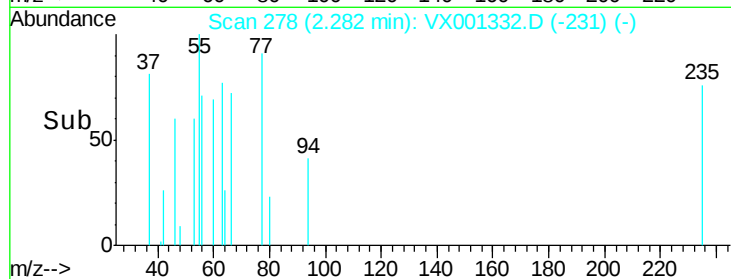
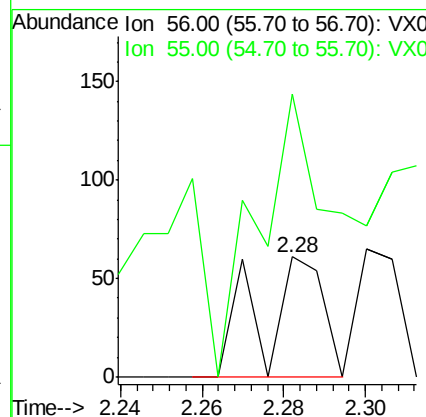
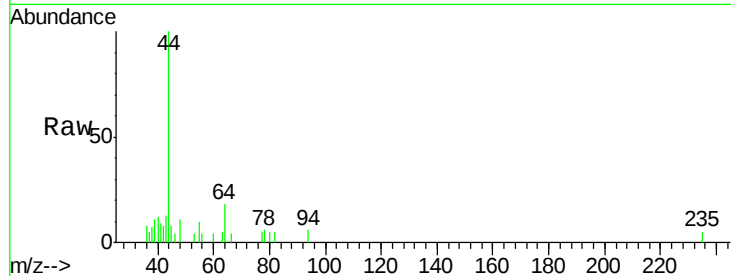




#13
Acrolein
Concen: 0.32 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX001332.D
Acq: 02 May 2018 22:57

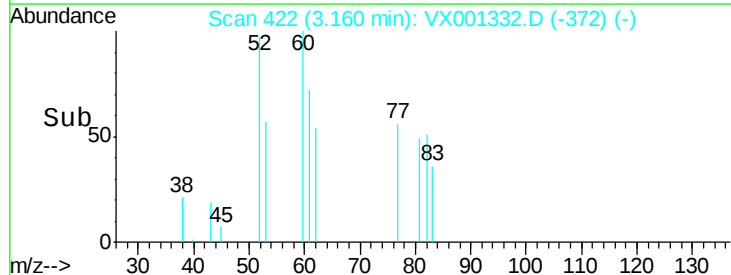
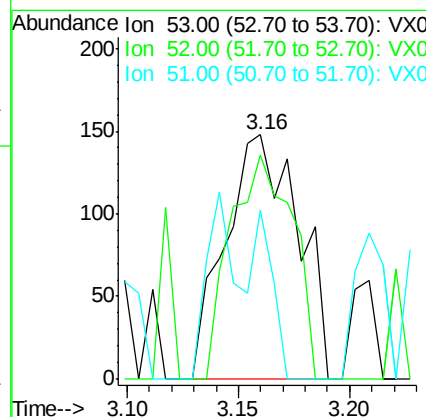
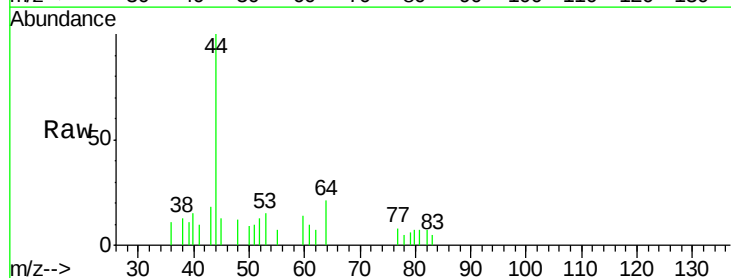
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBL02

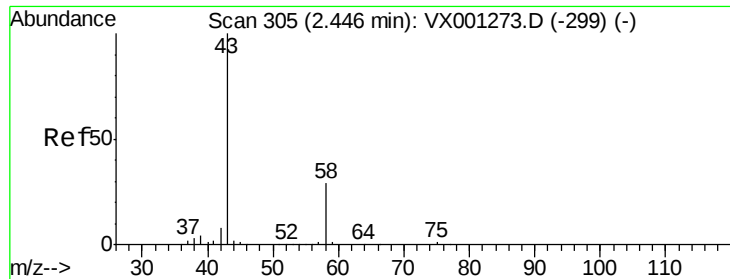
Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 310.9 57.2 85.8#



#15
Acrylonitrile
Concen: 0.42 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX001332.D
Acq: 02 May 2018 22:57

Tgt Ion: 53 Resp: 337
Ion Ratio Lower Upper
53 100
52 78.0 67.0 100.4
51 32.0 29.9 44.9





#16

Acetone

Concen: 0.75 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

Instrument :

MSVOA_X

ClientSampled :

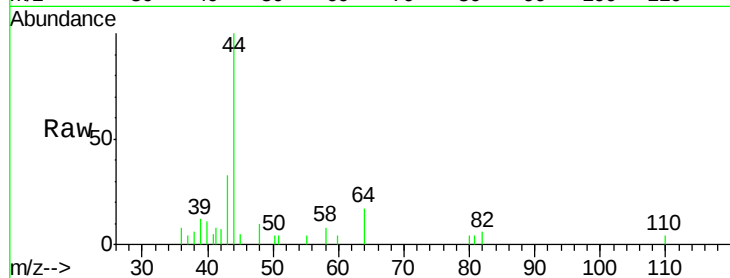
VX0502WBL02

Tgt Ion: 43 Resp: 645

Ion Ratio Lower Upper

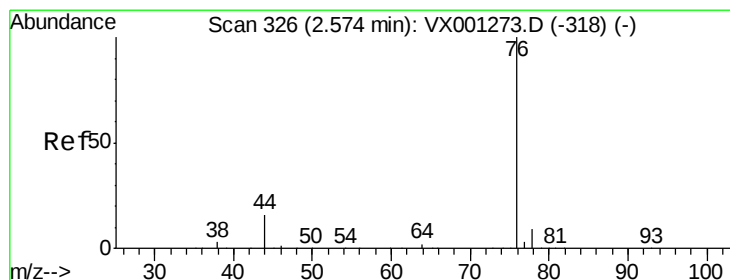
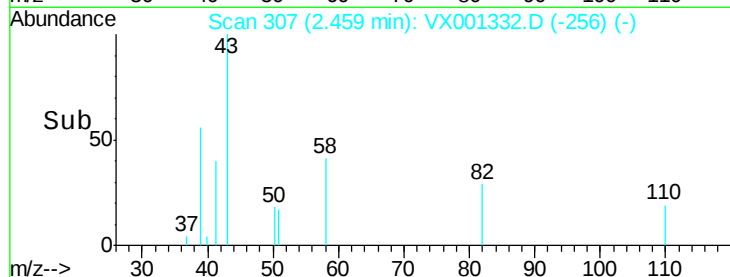
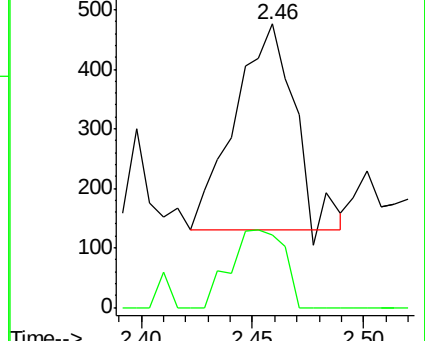
43 100

58 35.3 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.21 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001332.D

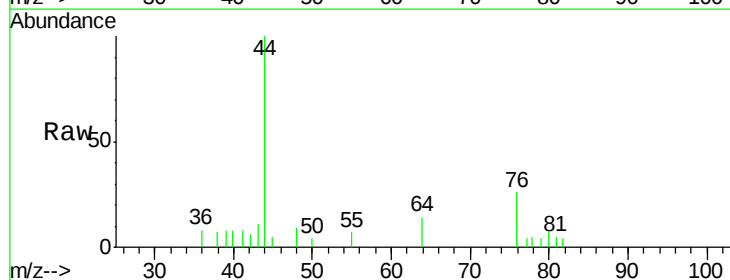
Acq: 02 May 2018 22:57

Tgt Ion: 76 Resp: 793

Ion Ratio Lower Upper

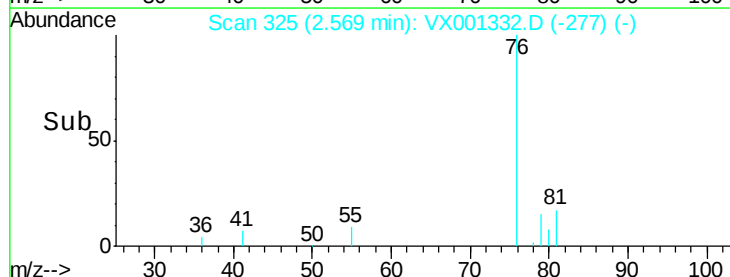
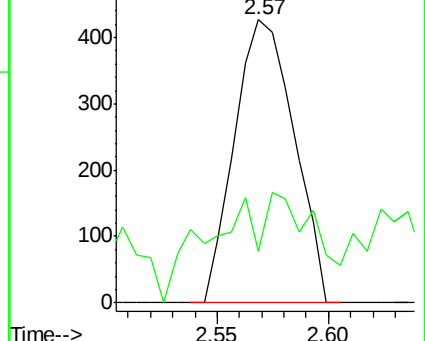
76 100

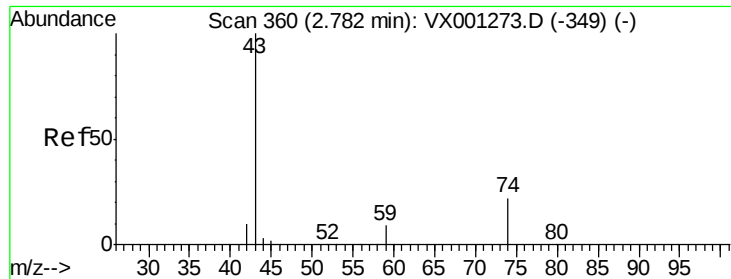
78 4.9 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#18

Methyl Acetate

Concen: 0.24 ug/l

RT: 2.79 min Scan# 362

Delta R.T. 0.01 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

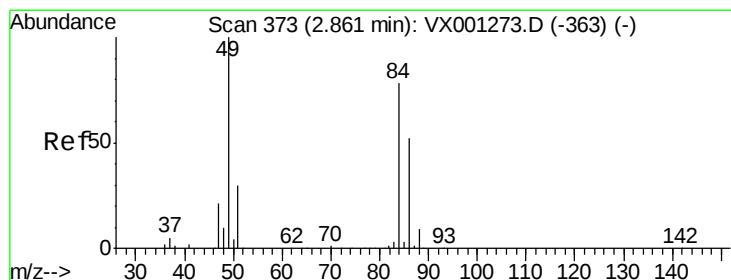
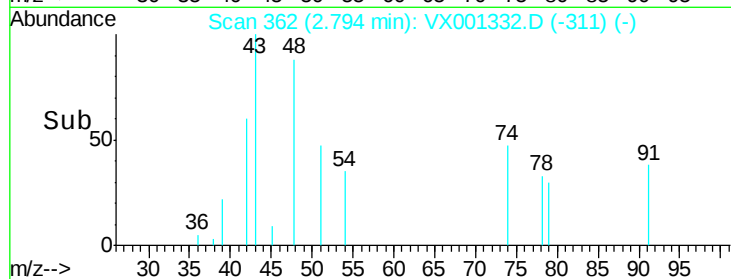
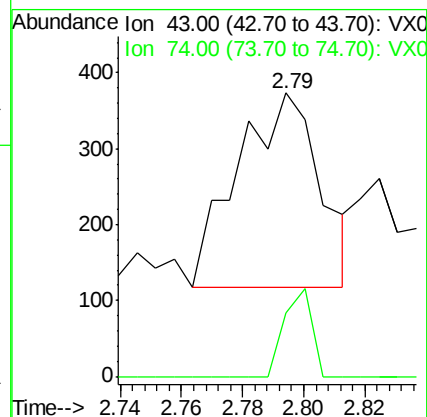
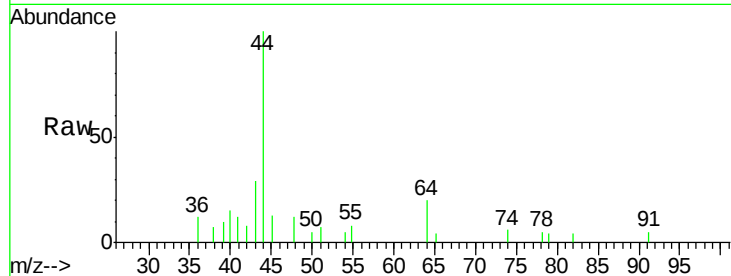
VX0502WBL02

Tgt Ion: 43 Resp: 481

Ion Ratio Lower Upper

43 100

74 15.2 17.8 26.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

Tgt Ion: 84 Resp: 125

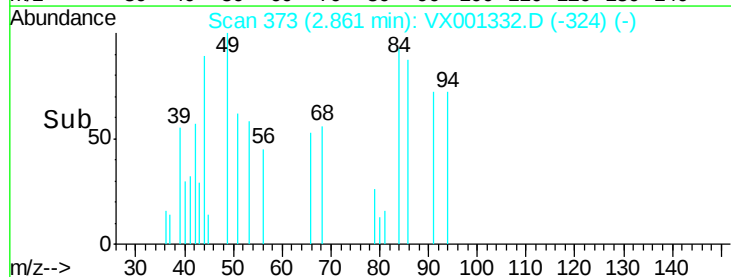
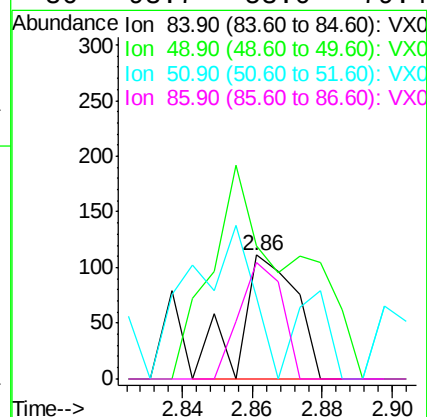
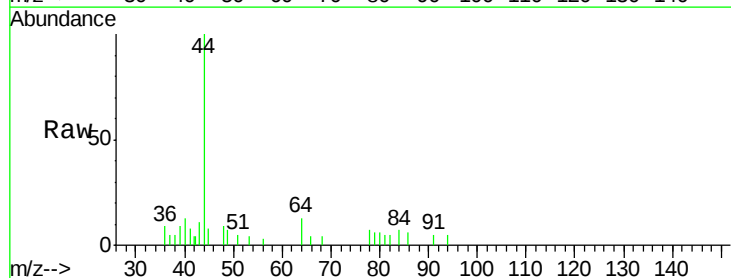
Ion Ratio Lower Upper

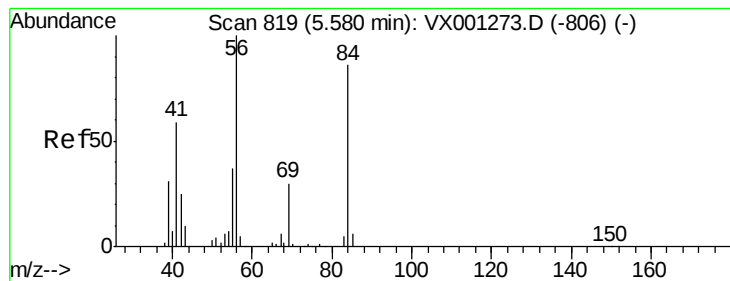
84 100

49 51.4 102.8 154.2#

51 66.7 30.9 46.3#

86 93.7 53.0 79.4#





#31

Cyclohexane

Concen: 1.18 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

Instrument :

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ClientSampleId :

VX0502WBL02

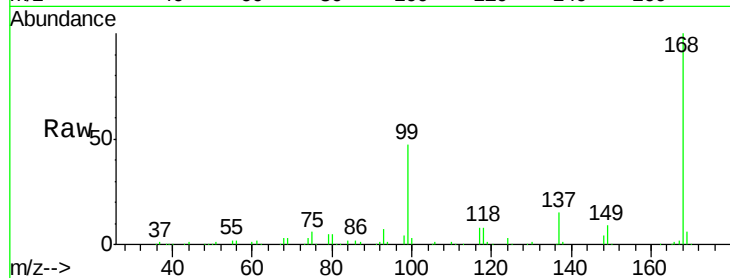
Tgt Ion: 56 Resp: 2902

Ion Ratio Lower Upper

56 100

69 153.3 24.0 36.0#

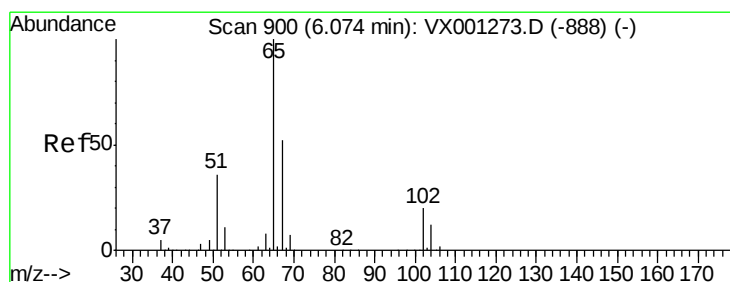
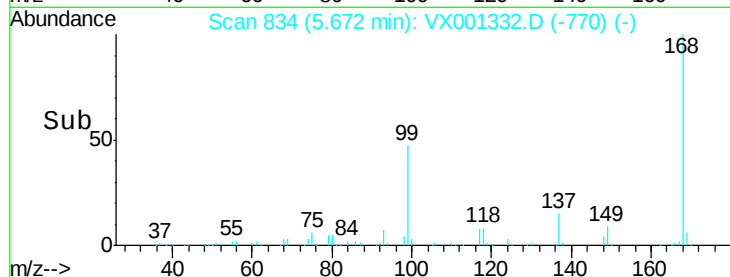
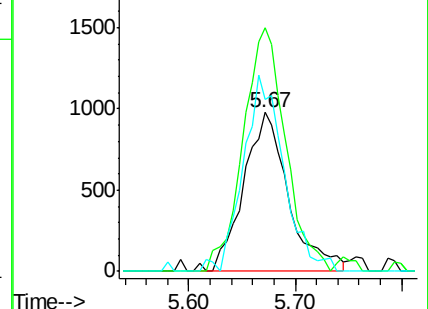
84 108.5 69.0 103.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.12 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001332.D

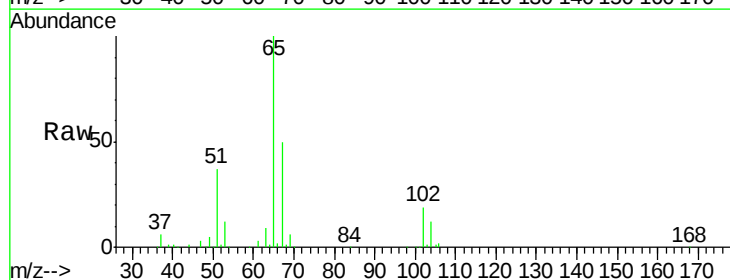
Acq: 02 May 2018 22:57

Tgt Ion: 65 Resp: 90655

Ion Ratio Lower Upper

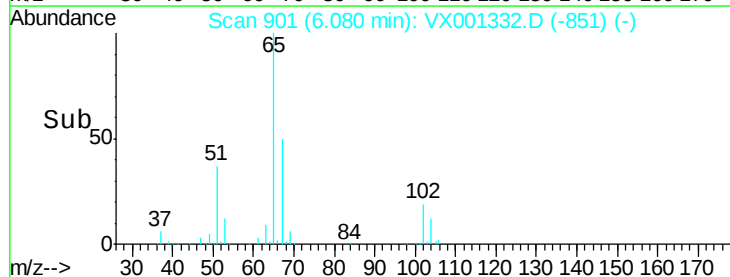
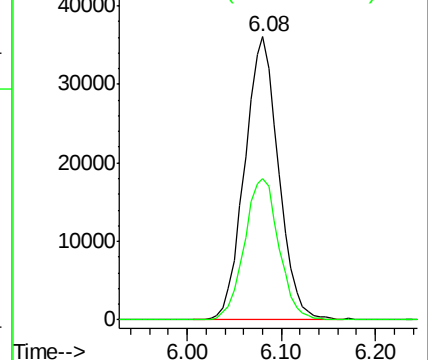
65 100

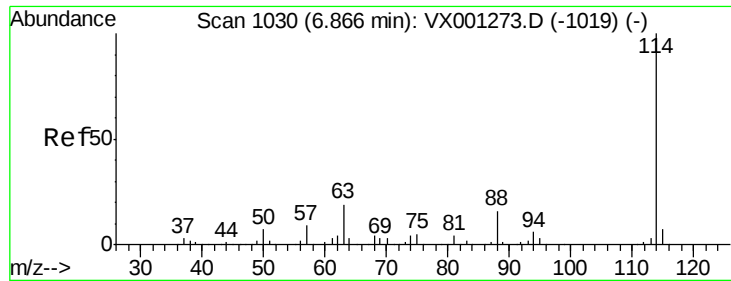
67 50.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

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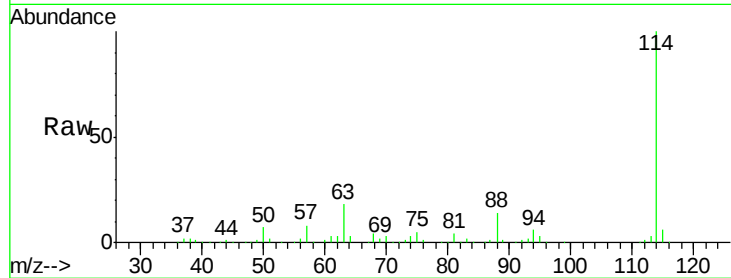
Tgt Ion:114 Resp: 193689

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.8

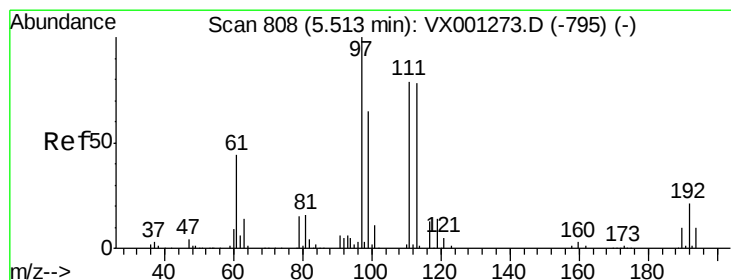
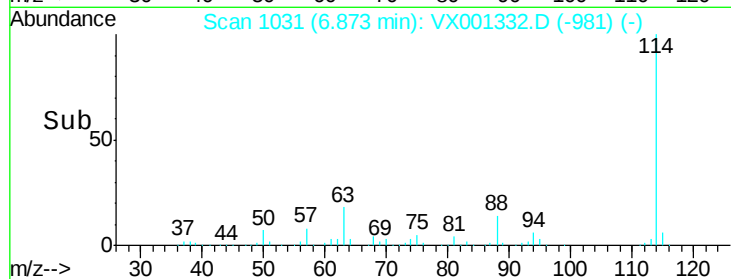
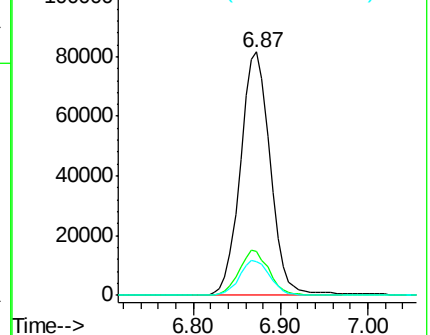
88 14.0 0.0 32.2



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: 44.54 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

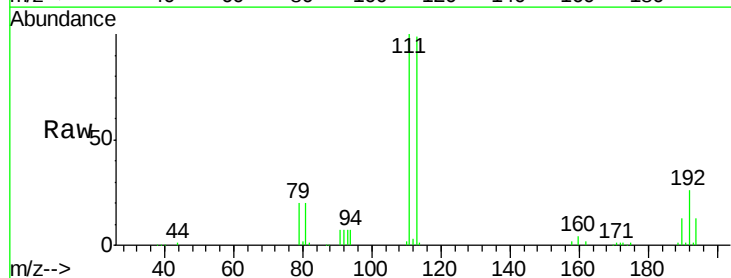
Tgt Ion:113 Resp: 74325

Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

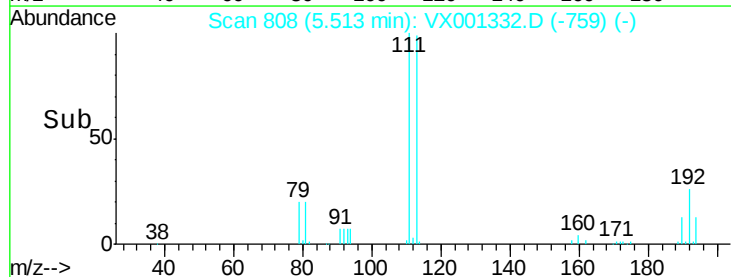
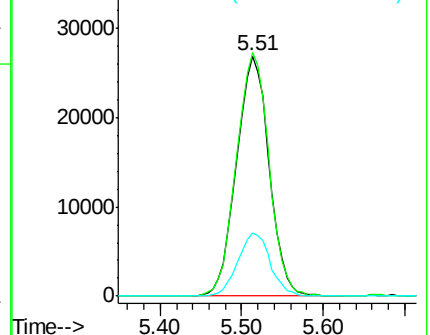
192 26.0 20.7 31.1

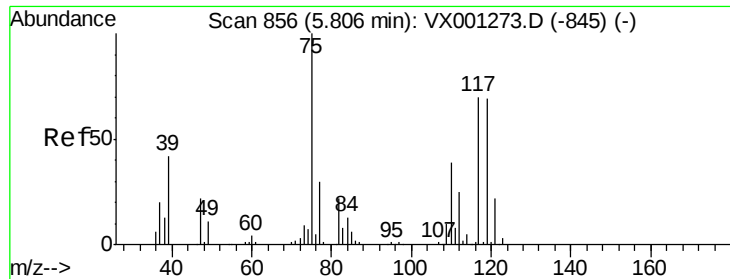


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

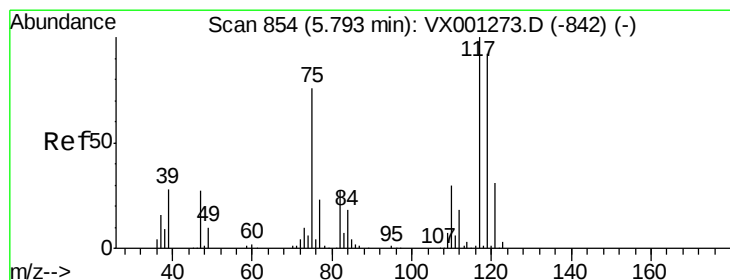
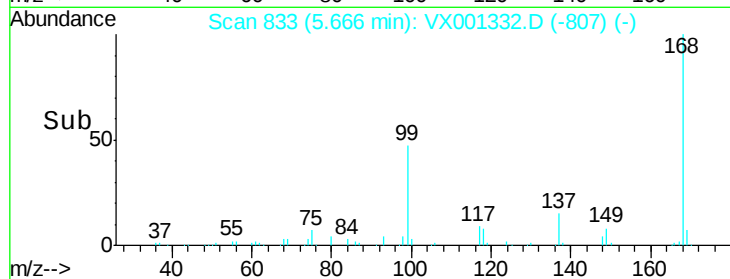
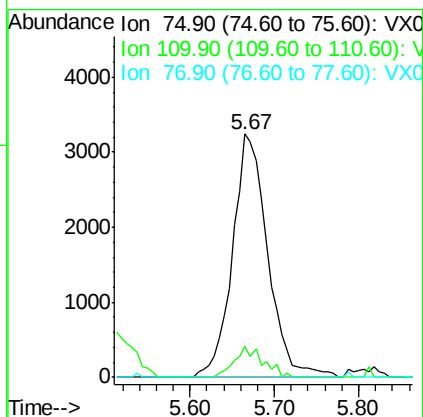
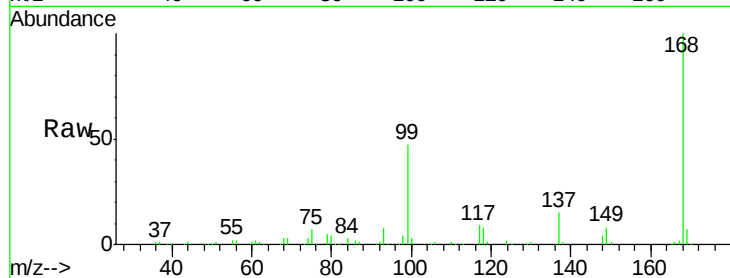




#36
 1,1-Dichloropropene
 Concen: 4.10 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001332.D
 Acq: 02 May 2018 22:57

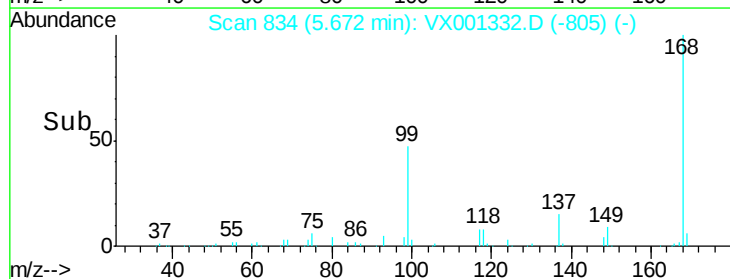
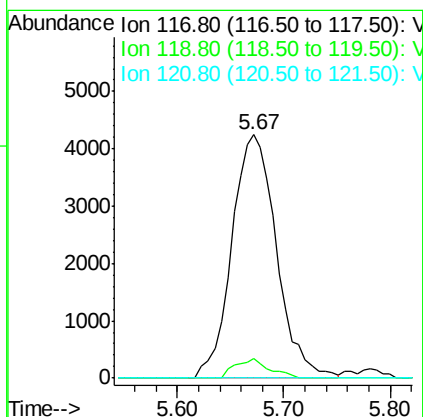
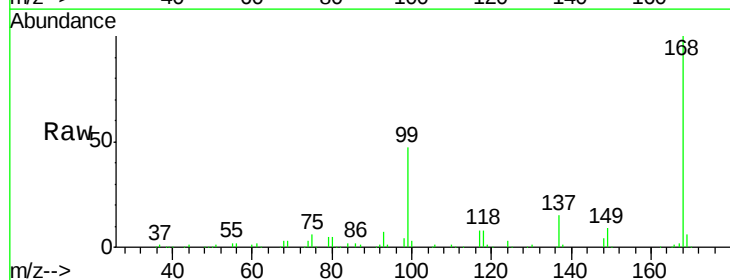
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBL02

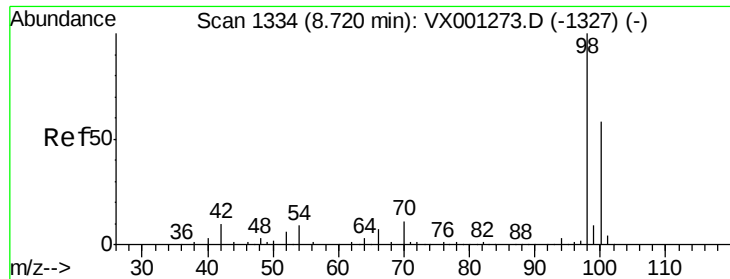
Tgt Ion: 75 Resp: 9176
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.9 56.9#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 5.32 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001332.D
 Acq: 02 May 2018 22:57

Tgt Ion: 117 Resp: 12463
 Ion Ratio Lower Upper
 117 100
 119 8.2 73.4 110.2#
 121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 45.08 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

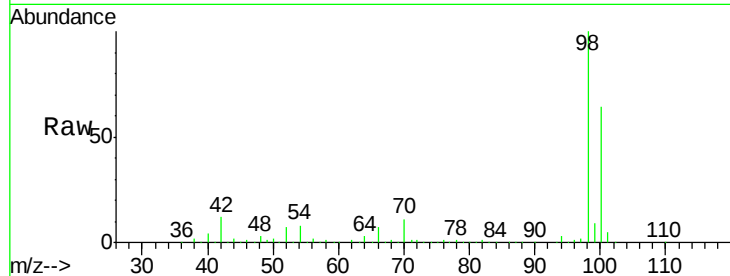
VX0502WBL02

Tgt Ion: 98 Resp: 268748

Ion Ratio Lower Upper

98 100

100 63.3 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

150000

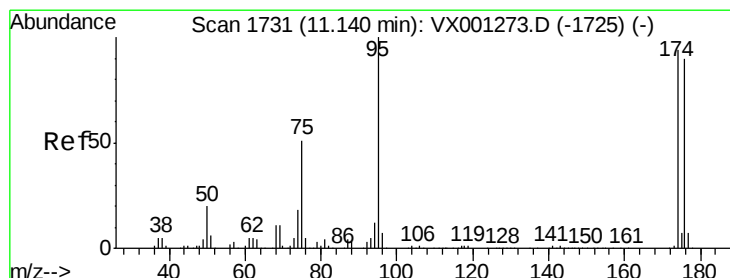
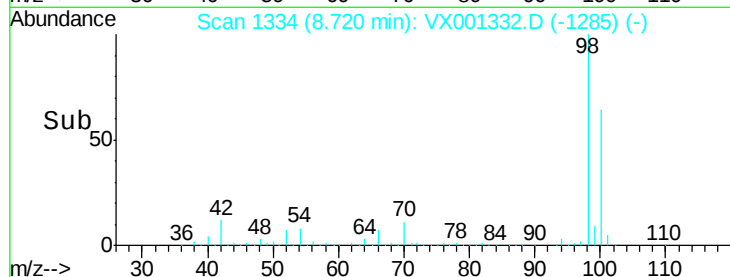
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 35.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

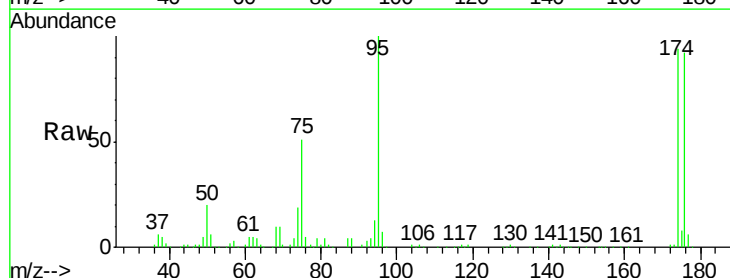
Tgt Ion: 95 Resp: 85330

Ion Ratio Lower Upper

95 100

174 104.9 0.0 201.8

176 103.3 0.0 197.2



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

100000

80000

60000

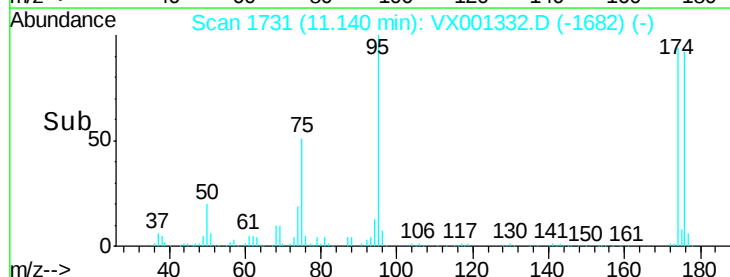
40000

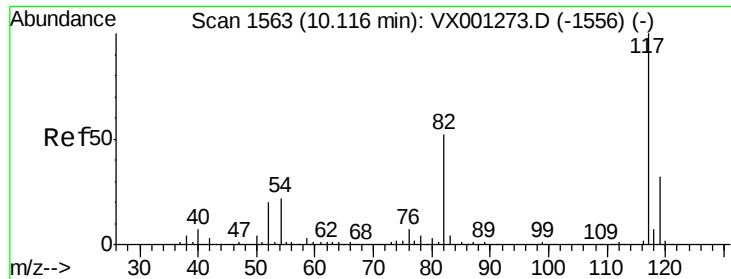
20000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBL02

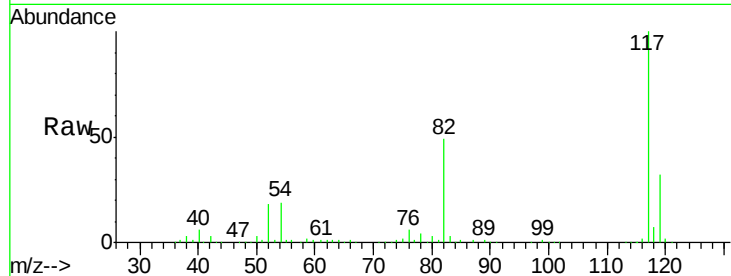
Tgt Ion:117 Resp: 171378

Ion Ratio Lower Upper

117 100

82 49.4 41.4 62.0

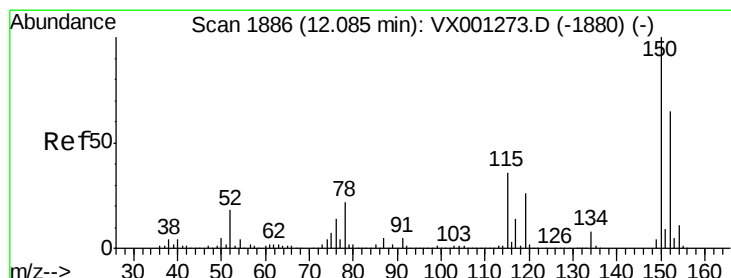
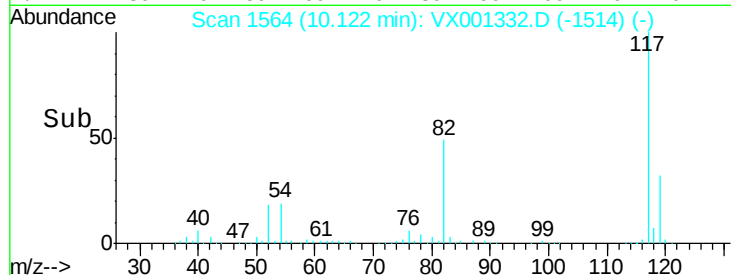
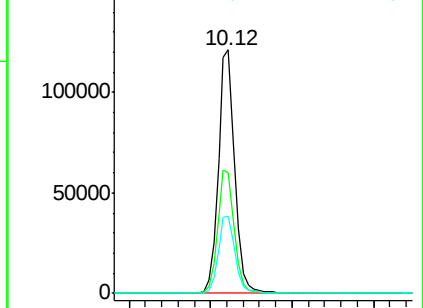
119 31.8 25.5 38.3



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

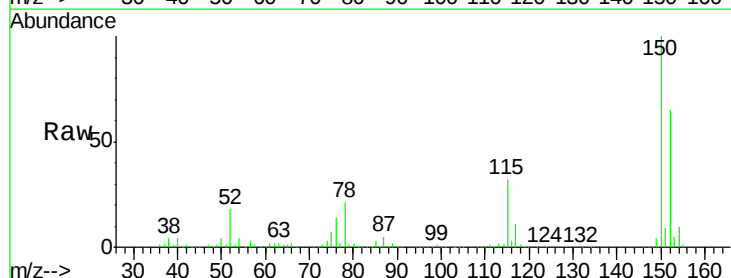
Tgt Ion:152 Resp: 93380

Ion Ratio Lower Upper

152 100

115 51.6 38.6 115.7

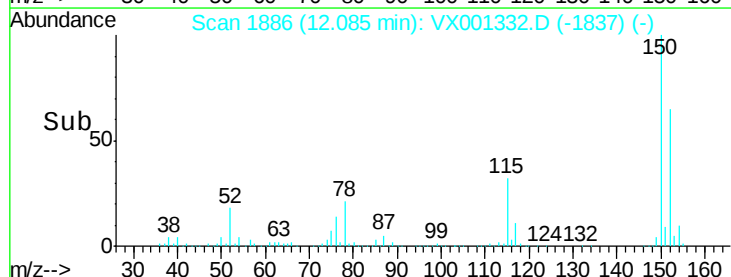
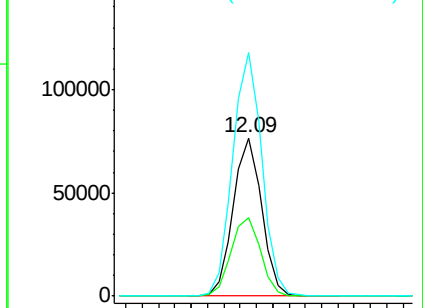
150 157.3 0.0 349.2

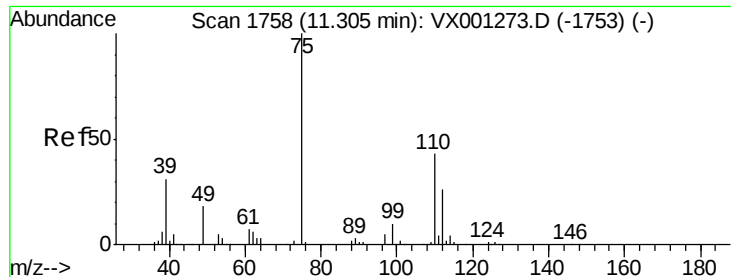


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

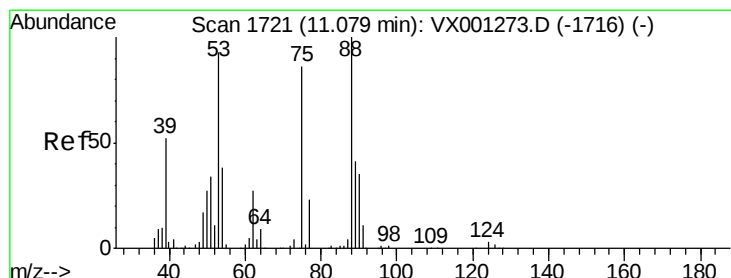
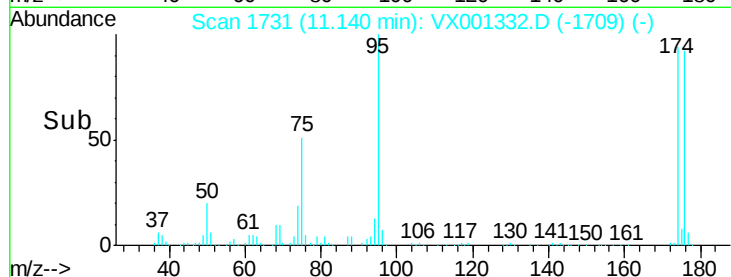
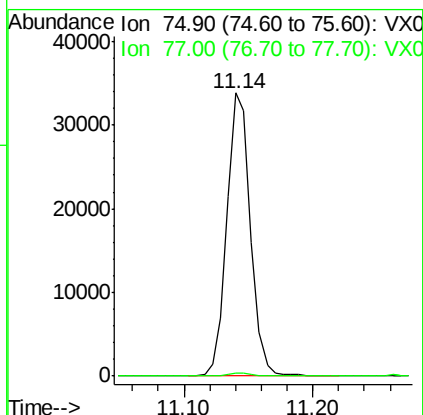
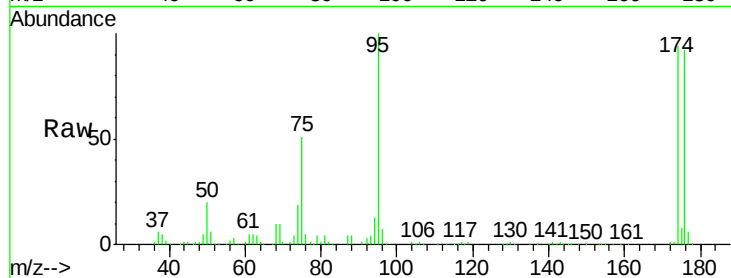
VX0502WBL02

Tgt Ion: 75 Resp: 43686

Ion Ratio Lower Upper

75 100

77 1.2 18.9 56.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.54 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

Tgt Ion: 75 Resp: 43686

Ion Ratio Lower Upper

75 100

53 0.1 87.1 130.7#

89 0.0 38.9 58.3#

