

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U121518\
 Data File : VU028695.D
 Acq On : 14 Dec 2018 20:04
 Operator : MD/SY
 Sample : J6393-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10D_R1

Quant Time: Dec 15 01:28:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

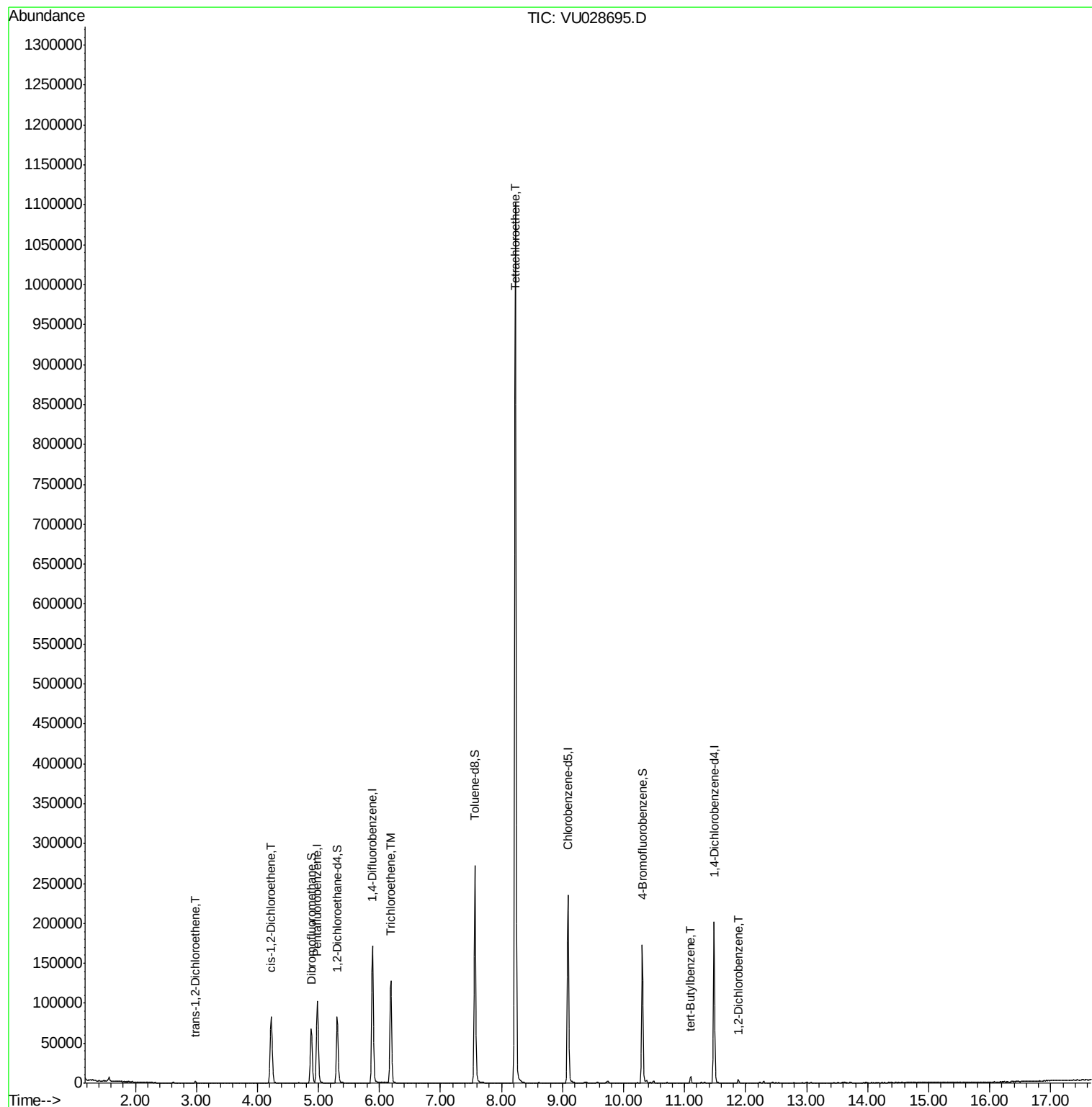
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	75829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	135066	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	124642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	48585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	63954	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.54%	
35) Dibromofluoromethane	4.88	113	47330	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
50) Toluene-d8	7.56	98	175977	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	10.31	95	57993	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
Target Compounds						
21) trans-1,2-Dichloroethene	2.98	96	707	0.744	ug/l	97
27) cis-1,2-Dichloroethene	4.22	96	44578	41.433	ug/l	90
44) Trichloroethene	6.19	130	42156	43.554	ug/l	100
64) Tetrachloroethene	8.23	164	234224	281.725	ug/l	98
83) tert-Butylbenzene	11.10	119	3726	1.253	ug/l	87
91) 1,2-Dichlorobenzene	11.88	146	2003	1.216	ug/l	99

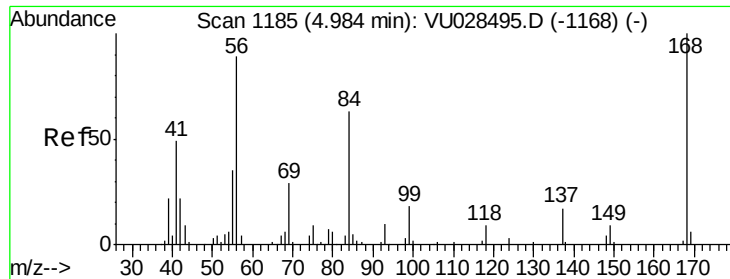
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028695.D

Acq: 14 Dec 2018 20:04

Instrument :

MSVOA_U

ClientSampleId :

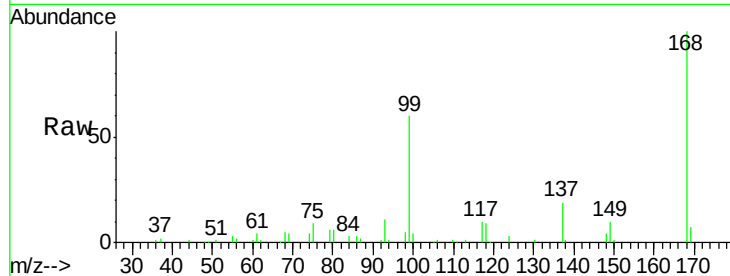
MW-10D_R1

Tgt Ion:168 Resp: 75829

Ion Ratio Lower Upper

168 100

99 60.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

30000

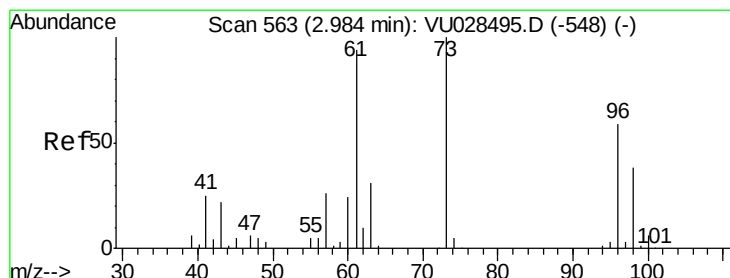
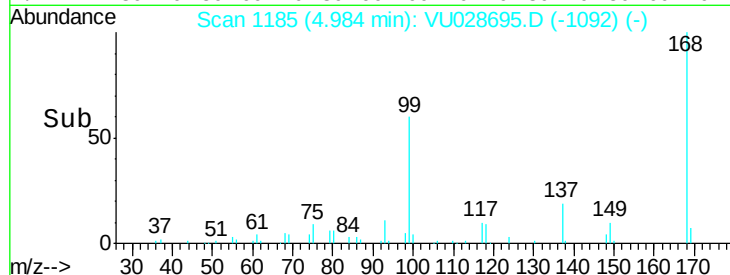
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.744 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028695.D

Acq: 14 Dec 2018 20:04

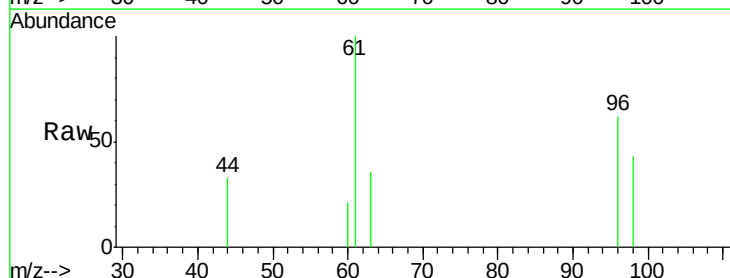
Tgt Ion: 96 Resp: 707

Ion Ratio Lower Upper

96 100

61 161.4 127.0 190.4

98 69.4 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VU028495.D (-548) (-)

Ion 60.90 (60.60 to 61.60): VU028495.D (-548) (-)

Ion 97.90 (97.60 to 98.60): VU028495.D (-548) (-)

2.98

800

600

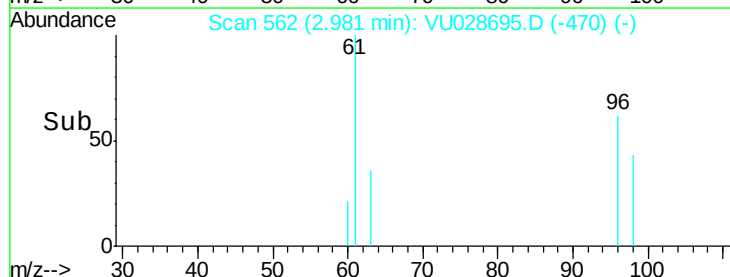
400

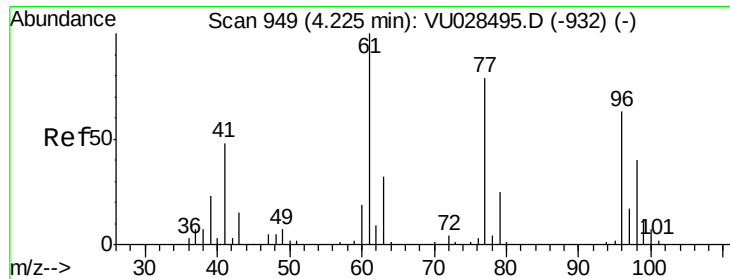
200

0

2.95 3.00

Time-->



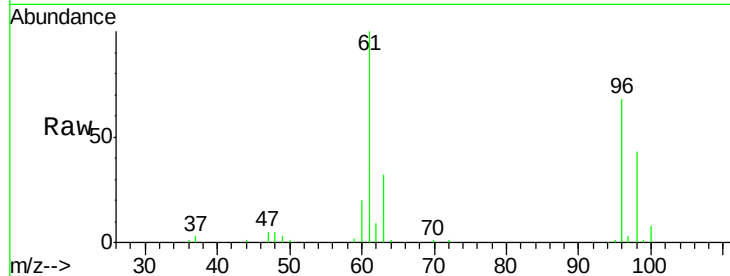


#27

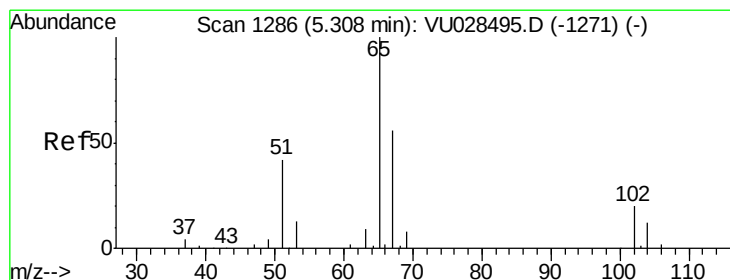
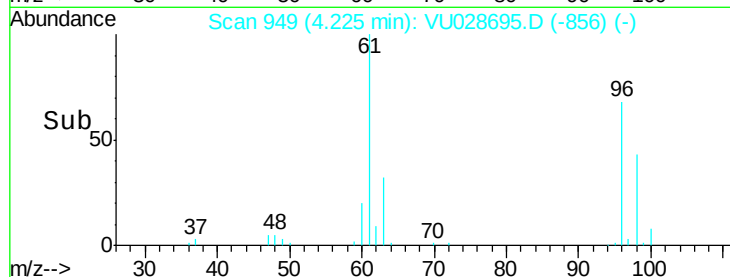
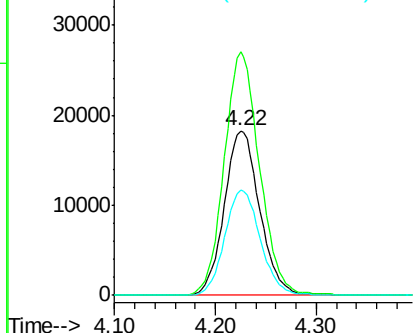
cis-1,2-Dichloroethene
 Concen: 41.433 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VU028695.D
 Acq: 14 Dec 2018 20:04

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10D_R1

Tgt Ion: 96 Resp: 44578
 Ion Ratio Lower Upper
 96 100
 61 147.8 0.0 332.4
 98 64.4 0.0 129.0



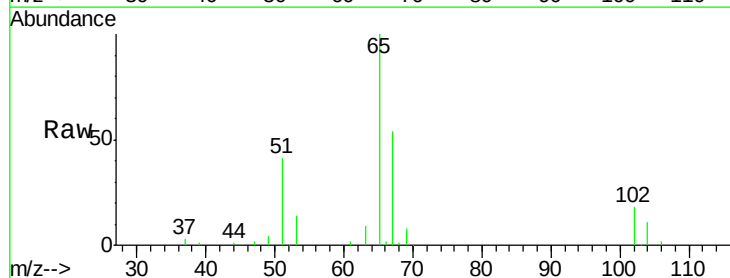
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



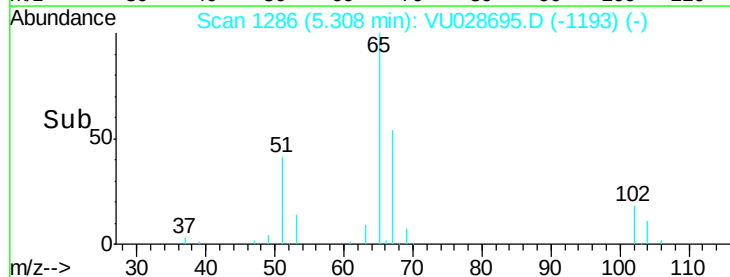
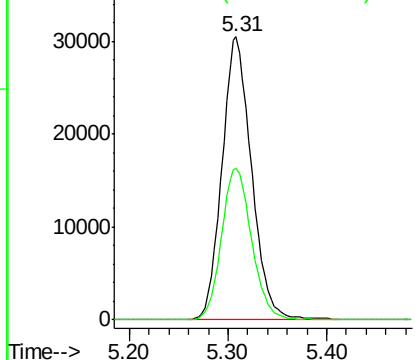
#33

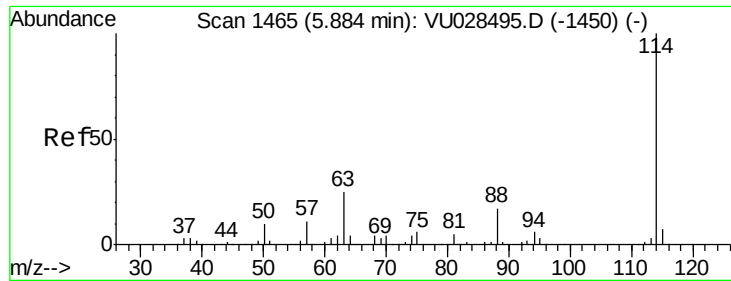
1,2-Dichloroethane-d4
 Concen: 55.266 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028695.D
 Acq: 14 Dec 2018 20:04

Tgt Ion: 65 Resp: 63954
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
 Ion 66.90 (66.60 to 67.60): VU0

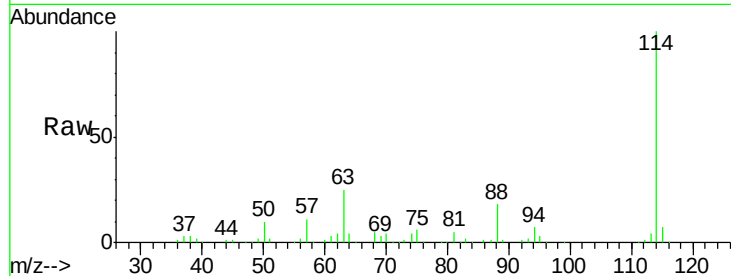




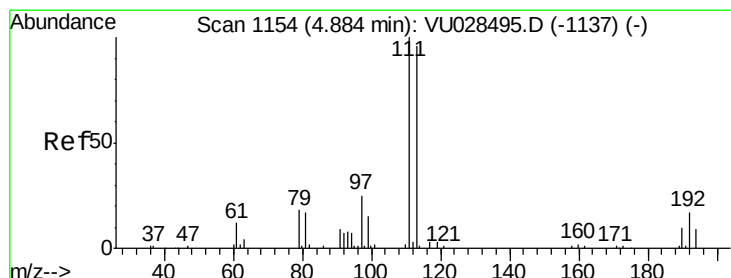
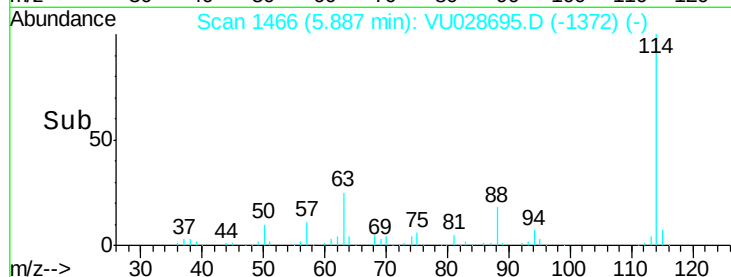
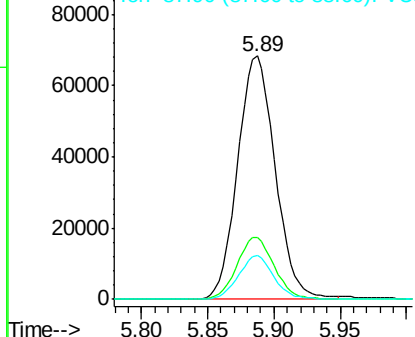
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028695.D
 Acq: 14 Dec 2018 20:04

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10D_R1

Tgt Ion:114 Resp: 135066
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.9 0.0 33.4

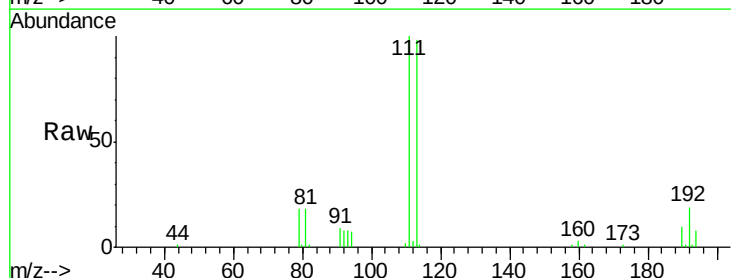


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

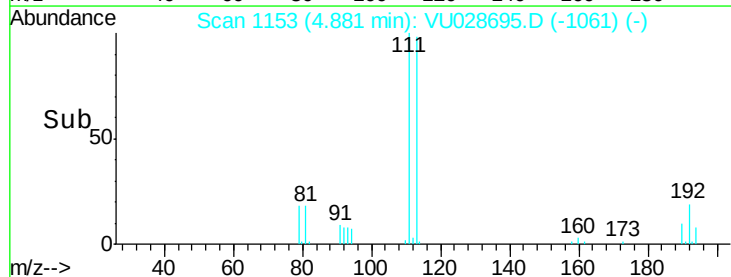
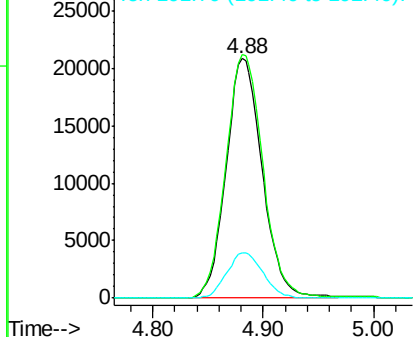


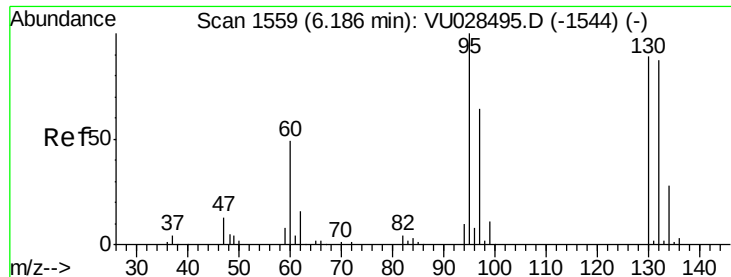
#35
 Dibromofluoromethane
 Concen: 55.684 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028695.D
 Acq: 14 Dec 2018 20:04

Tgt Ion:113 Resp: 47330
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.4 125.0
 192 18.9 14.8 22.2



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





#44

Trichloroethene

Concen: 43.554 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028695.D

Acq: 14 Dec 2018 20:04

Instrument :

MSVOA_U

ClientSampleId :

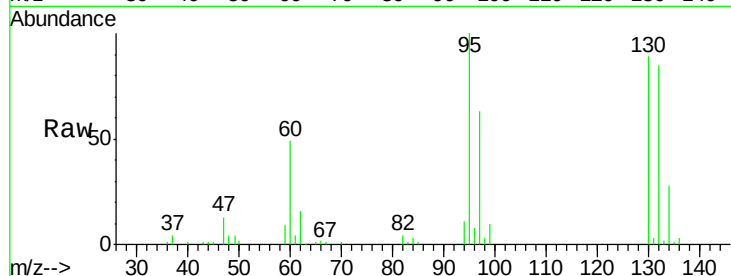
MW-10D_R1

Tgt Ion:130 Resp: 42156

Ion Ratio Lower Upper

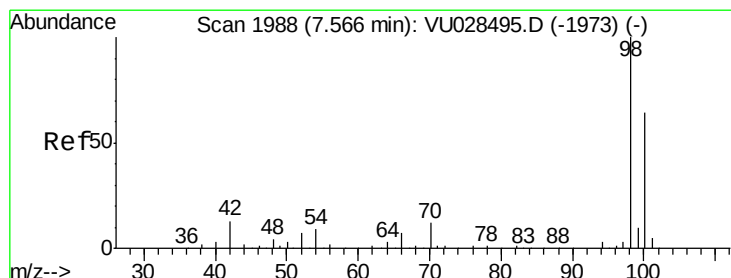
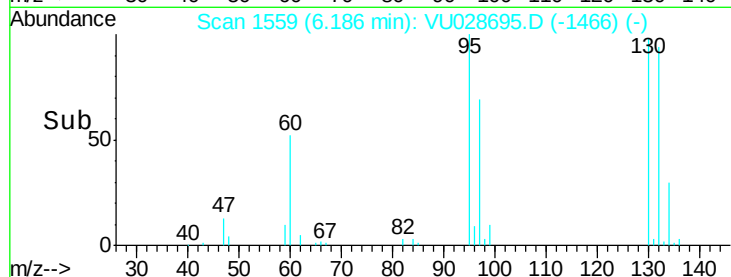
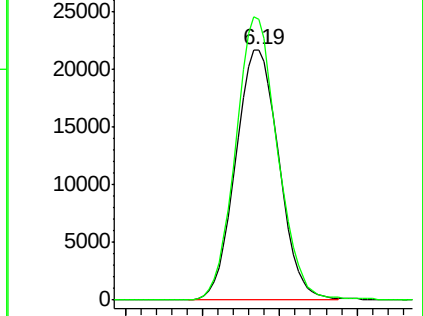
130 100

95 112.2 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028495.D (-1544) (-)



#50

Toluene-d8

Concen: 52.337 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028695.D

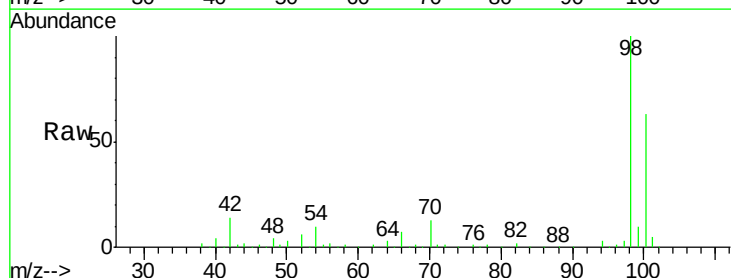
Acq: 14 Dec 2018 20:04

Tgt Ion: 98 Resp: 175977

Ion Ratio Lower Upper

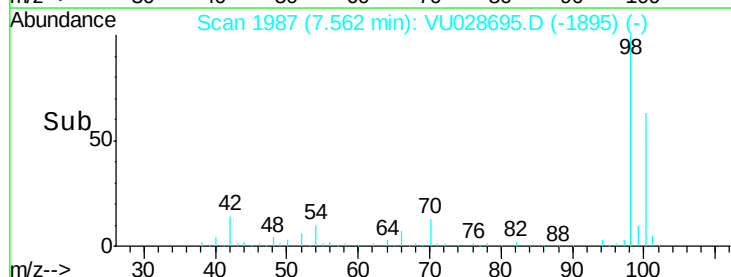
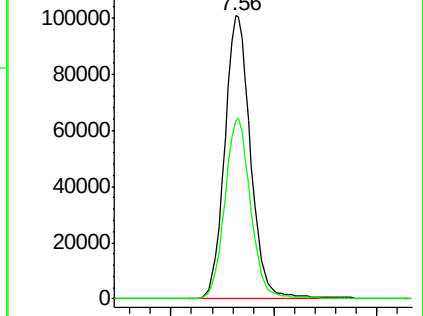
98 100

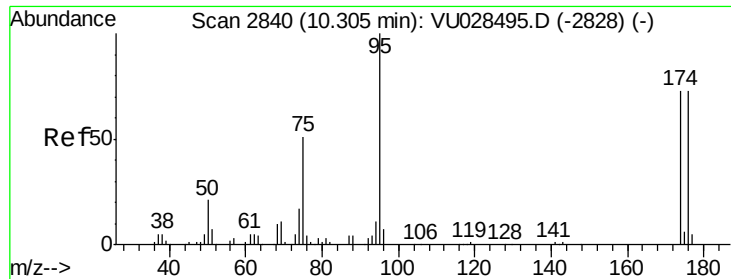
100 64.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

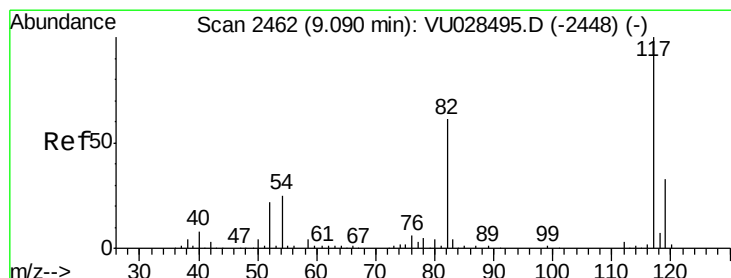
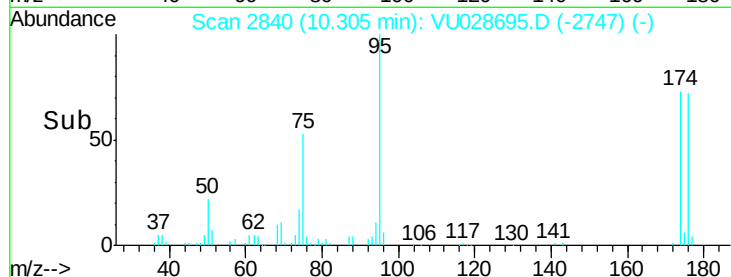
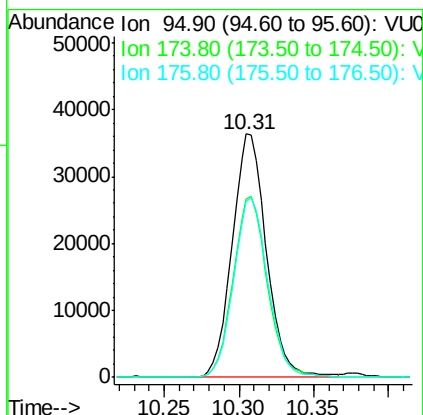
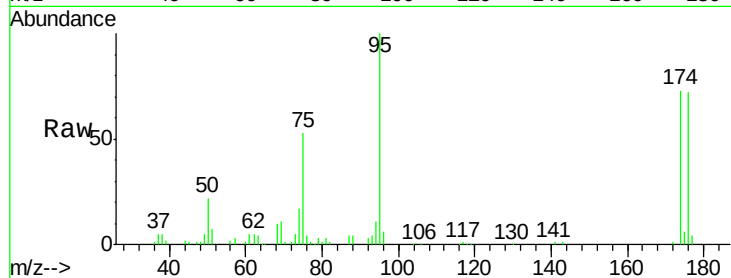




#62
 4-Bromofluorobenzene
 Concen: 46.146 ug/l
 RT: 10.31 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VU028695.D
 Acq: 14 Dec 2018 20:04

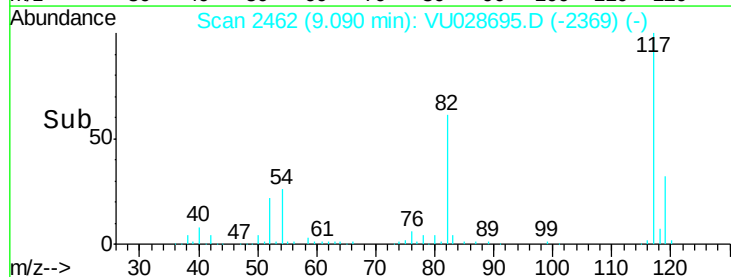
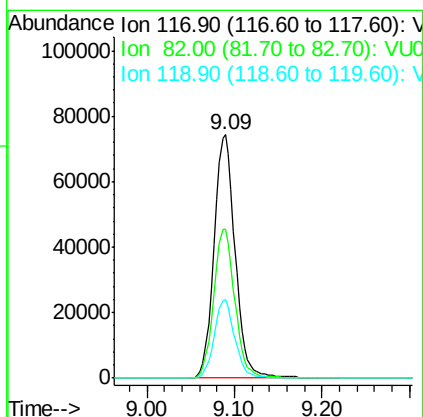
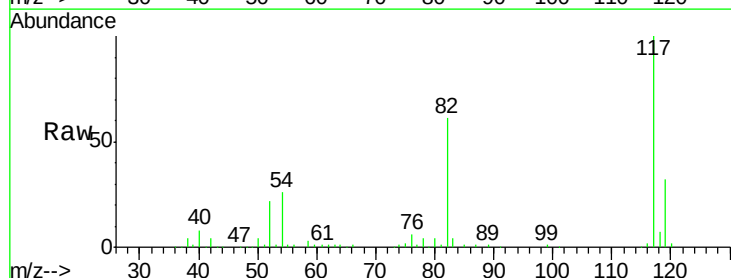
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10D_R1

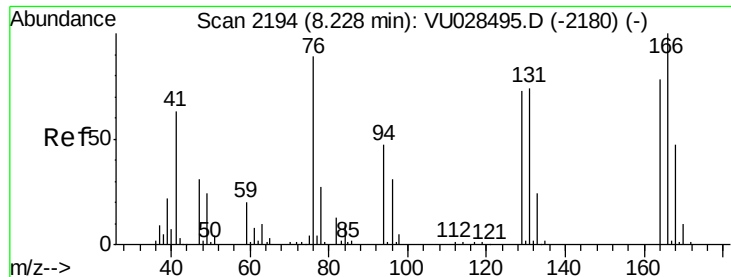
Tgt Ion: 95 Resp: 57993
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 150.4
 176 73.8 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VU028695.D
 Acq: 14 Dec 2018 20:04

Tgt Ion: 117 Resp: 124642
 Ion Ratio Lower Upper
 117 100
 82 60.9 48.9 73.3
 119 32.0 26.2 39.4

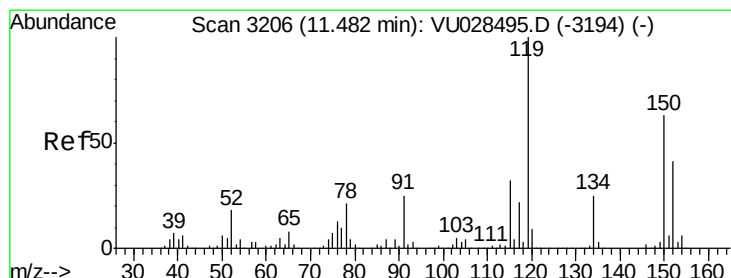
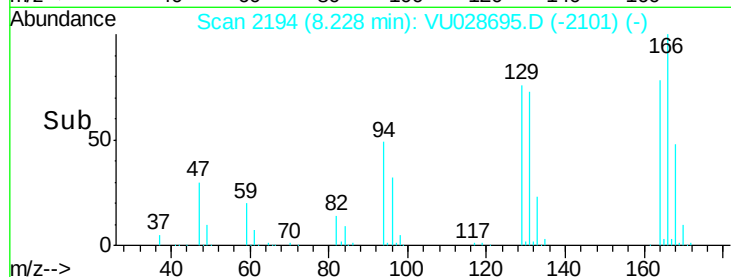
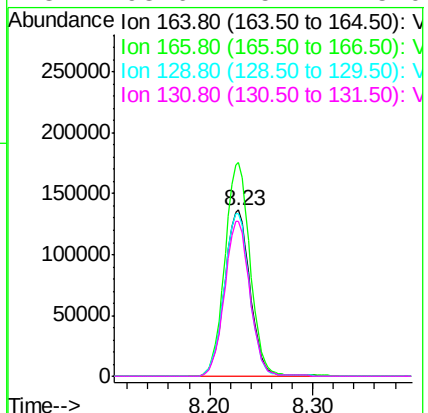
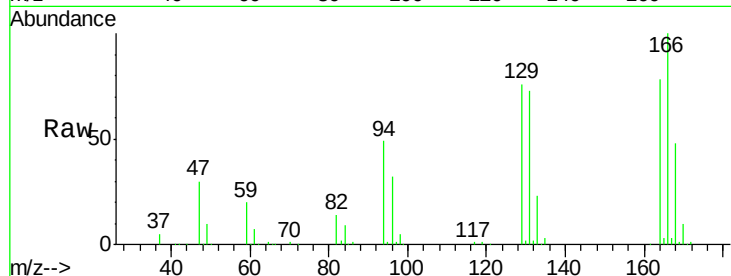




#64
Tetrachloroethene
Concen: 281.725 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028695.D
Acq: 14 Dec 2018 20:04

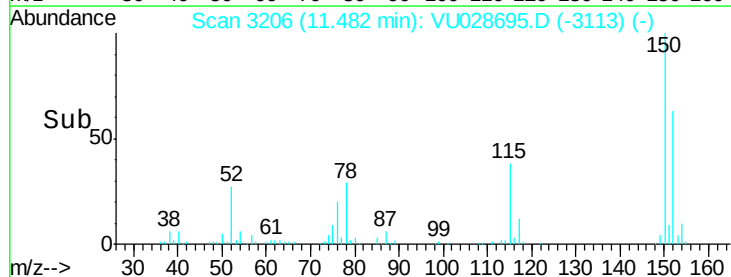
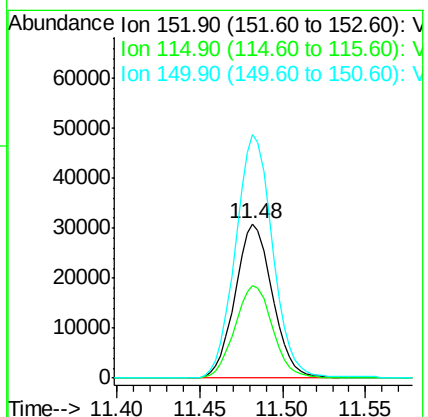
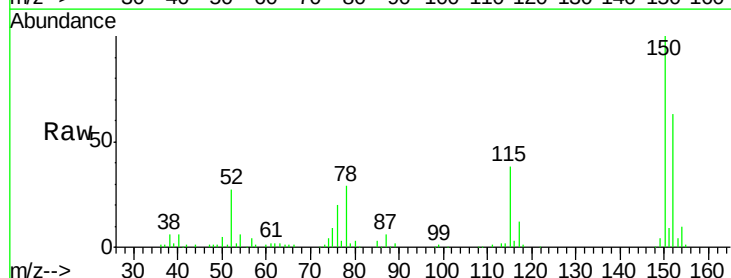
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MSVOA_U
ClientSampleId :
MW-10D_R1

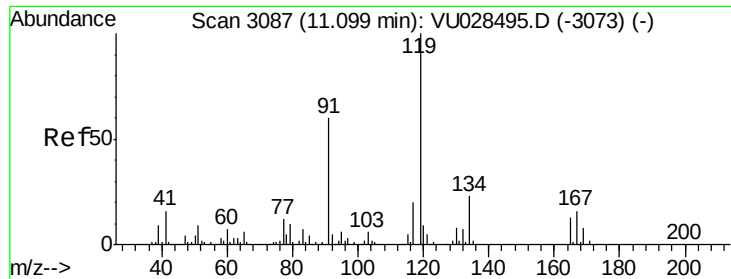
Tgt Ion:164 Resp: 234224
Ion Ratio Lower Upper
164 100
166 128.8 101.9 152.9
129 98.2 74.9 112.3
131 93.6 75.4 113.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028695.D
Acq: 14 Dec 2018 20:04

Tgt Ion:152 Resp: 48585
Ion Ratio Lower Upper
152 100
115 60.5 42.7 128.1
150 157.6 0.0 346.0

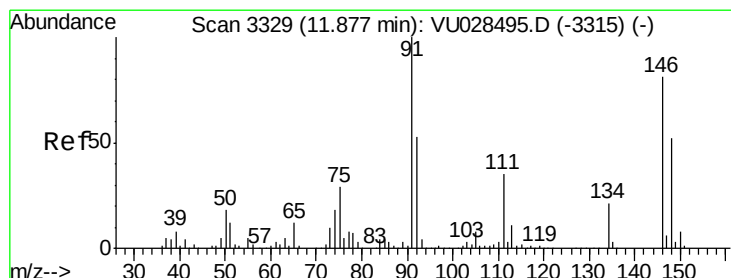
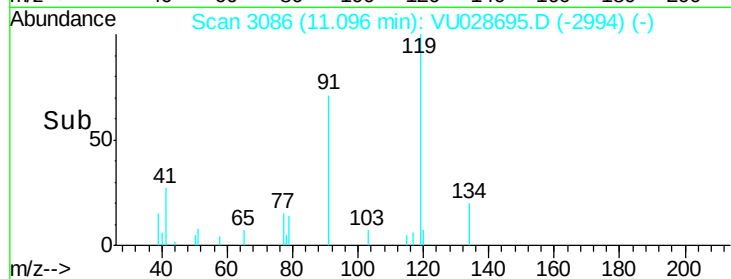
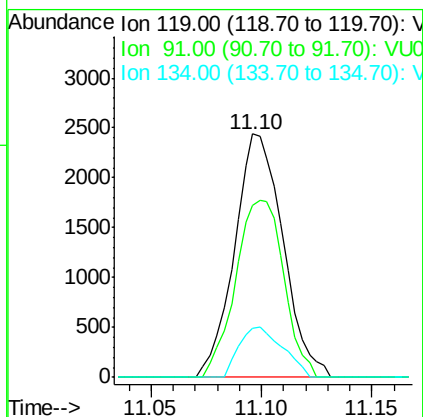
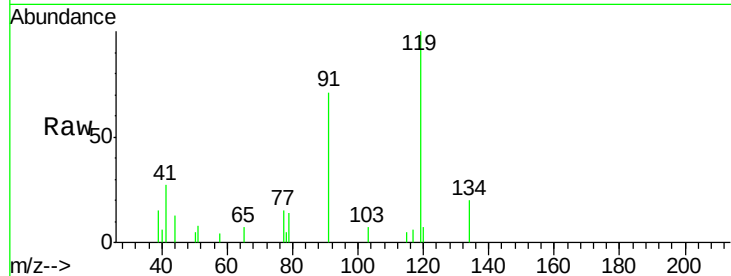




#83
 tert-Butylbenzene
 Concen: 1.253 ug/l
 RT: 11.10 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: VU028695.D
 Acq: 14 Dec 2018 20:04

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10D_R1

Tgt Ion:119 Resp: 3726
 Ion Ratio Lower Upper
 119 100
 91 72.4 30.3 91.0
 134 18.6 11.2 33.5



#91
 1,2-Dichlorobenzene
 Concen: 1.216 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU028695.D
 Acq: 14 Dec 2018 20:04

Tgt Ion:146 Resp: 2003
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.1 63.4
 148 63.0 31.4 94.2

