

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012023.D
 Acq On : 20 Aug 2019 11:35
 Operator : SY/VA
 Sample : K4391-05
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 W-WALL

Quant Time: Aug 20 13:11:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

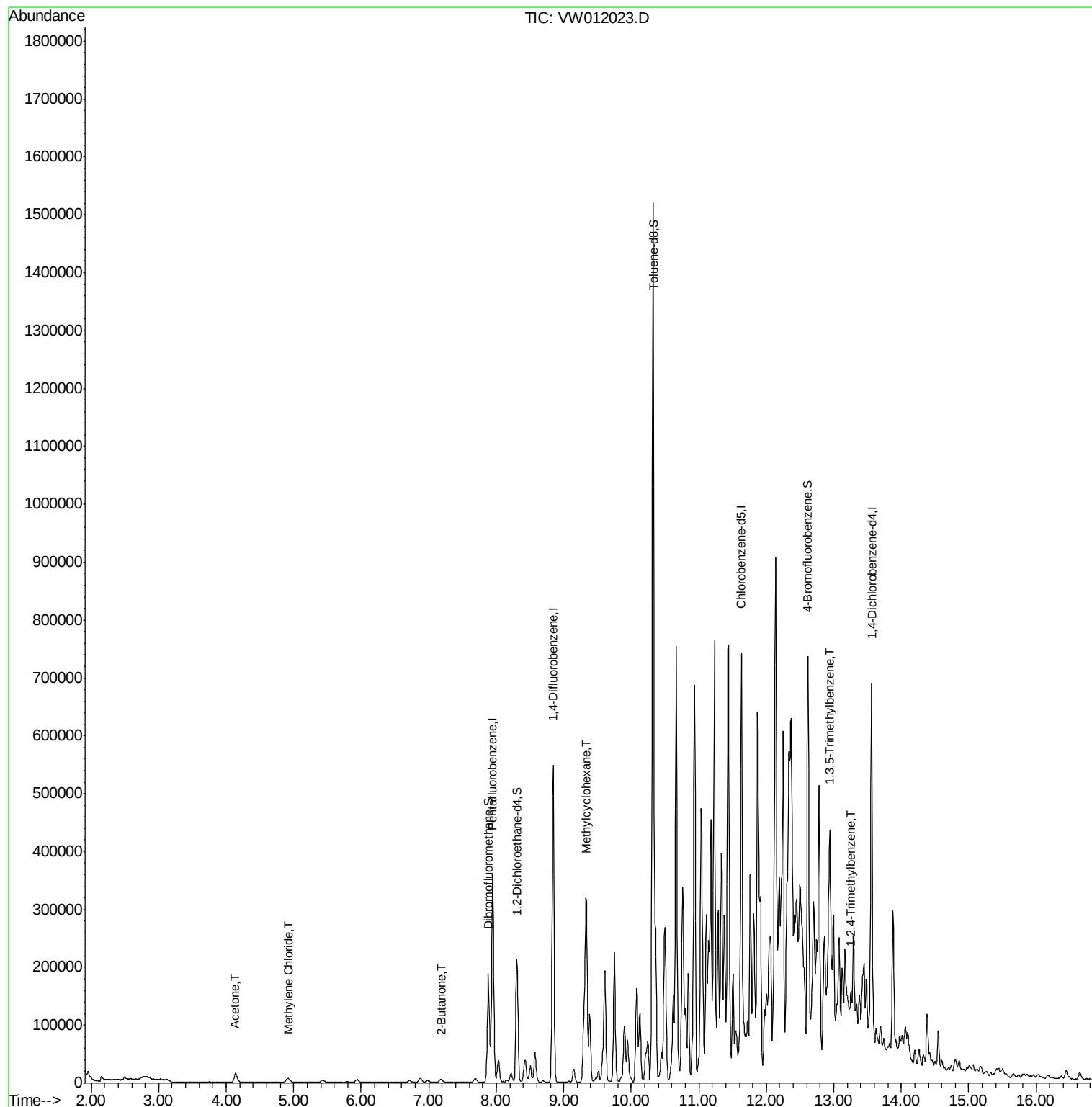
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	436045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	170683	57.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.54%	
35) Dibromofluoromethane	7.88	113	132974	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
50) Toluene-d8	10.32	98	569420	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	
62) 4-Bromofluorobenzene	12.62	95	196462	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
Target Compounds						
16) Acetone	4.14	43	32469	34.248	ug/l	90
20) Methylene Chloride	4.92	84	4579	1.400	ug/l	86
25) 2-Butanone	7.18	43	6889	5.553	ug/l	99
39) Methylcyclohexane	9.34	83	101357	20.302	ug/l	90
80) 1,3,5-Trimethylbenzene	12.94	105	16627	1.688	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	27199	2.741	ug/l	99

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012023.D

Acq: 20 Aug 2019 11:35

Instrument :

MSVOA_W

ClientSampleId :

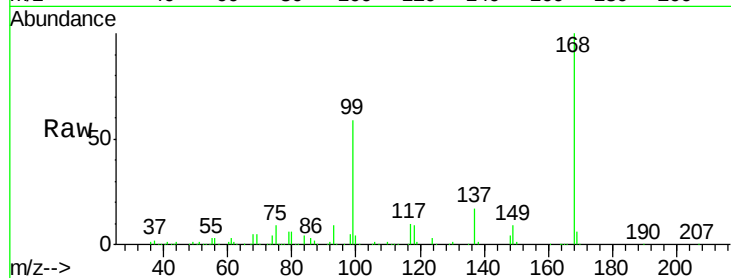
W-WALL

Tot Ion:168 Resp: 259551

Ion Ratio Lower Upper

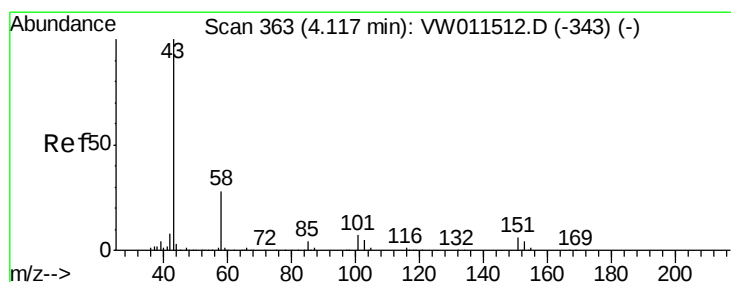
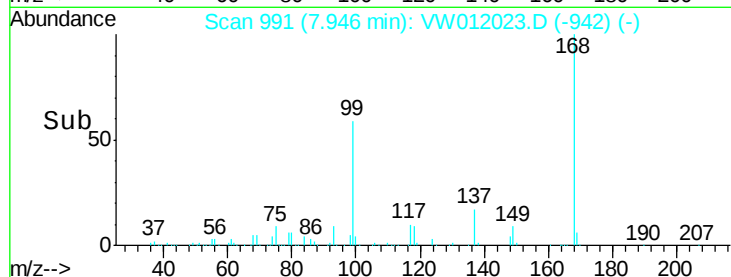
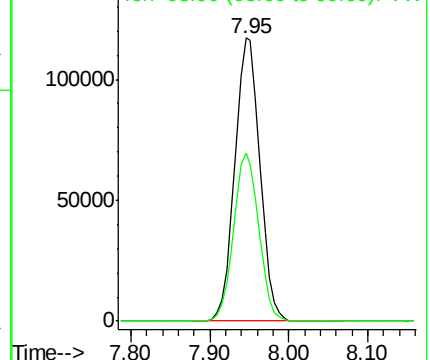
168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 34.248 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012023.D

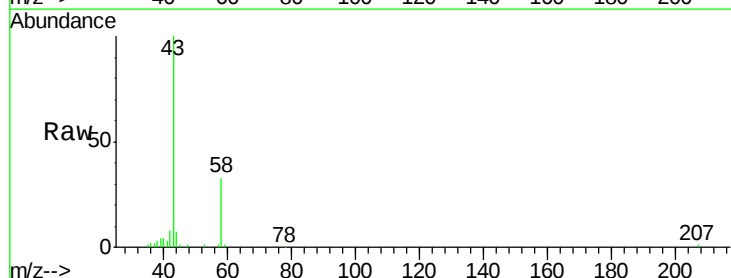
Acq: 20 Aug 2019 11:35

Tgt Ion: 43 Resp: 32469

Ion Ratio Lower Upper

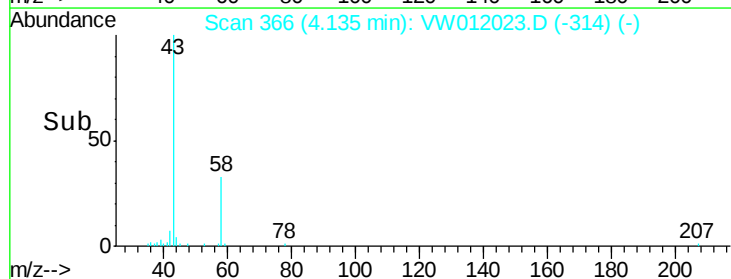
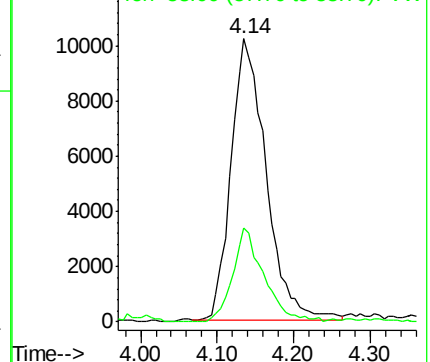
43 100

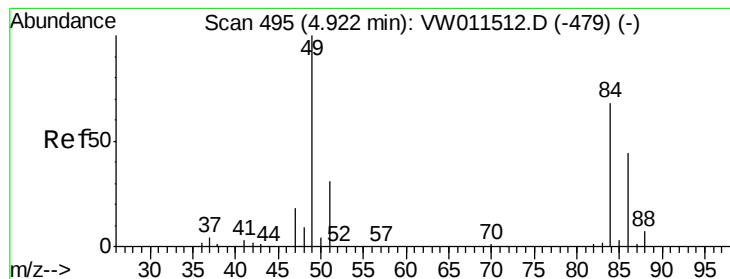
58 33.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 1.400 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW012023.D

Acq: 20 Aug 2019 11:35

Instrument :

MSVOA_W

ClientSampleId :

W-WALL

Tot Ion: 84 Resp: 4579

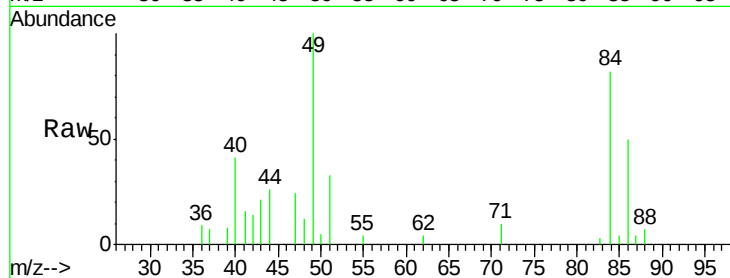
Ion Ratio Lower Upper

84 100

49 122.4 117.8 176.6

51 40.5 37.0 55.4

86 61.3 51.8 77.8

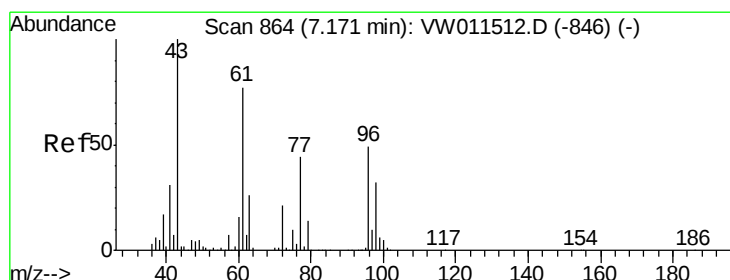
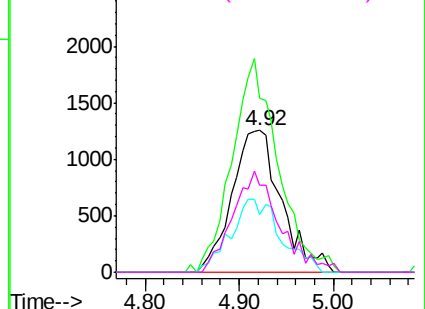
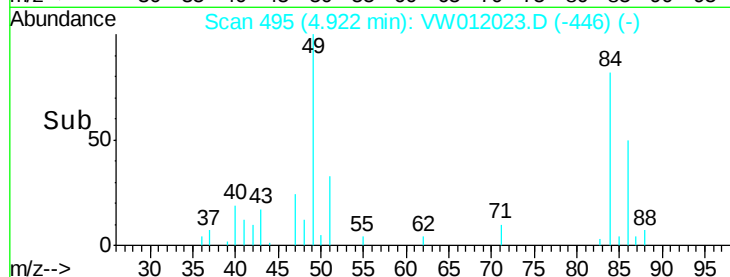


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 5.553 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW012023.D

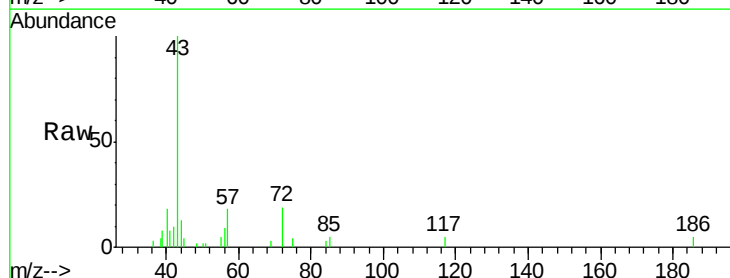
Acq: 20 Aug 2019 11:35

Tgt Ion: 43 Resp: 6889

Ion Ratio Lower Upper

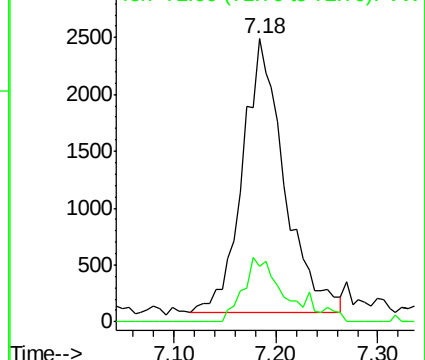
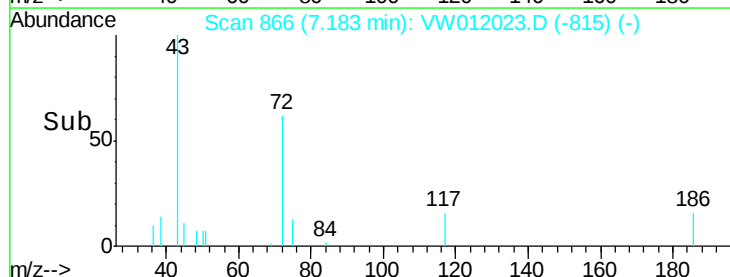
43 100

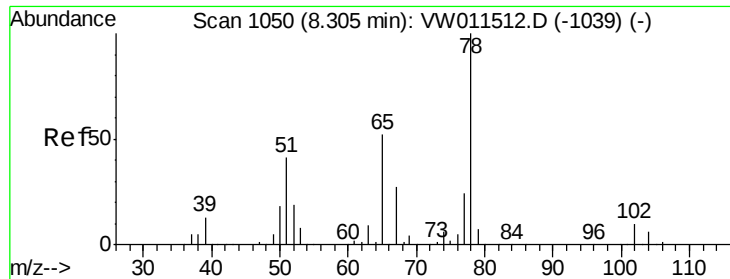
72 20.1 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

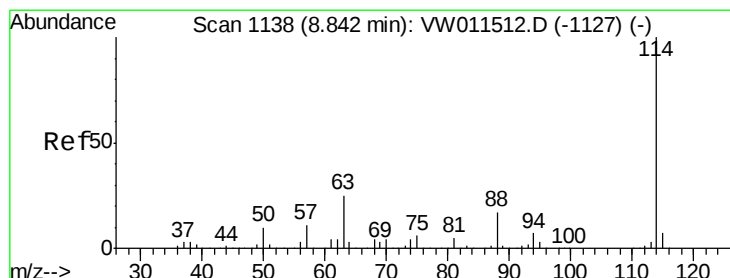
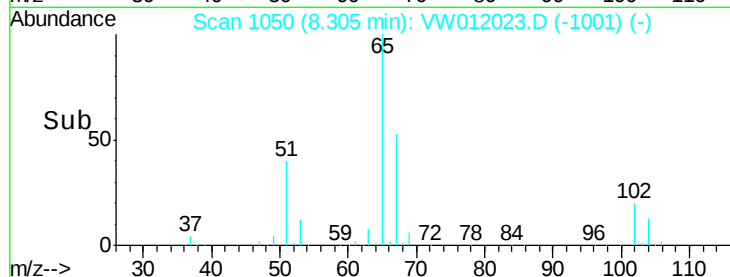
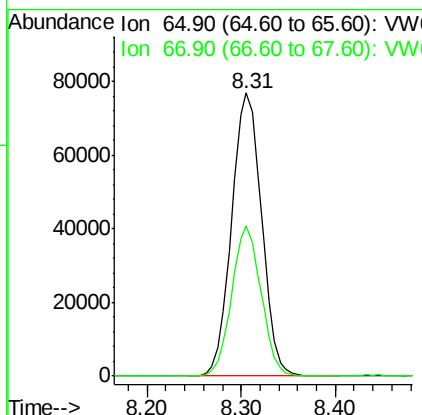
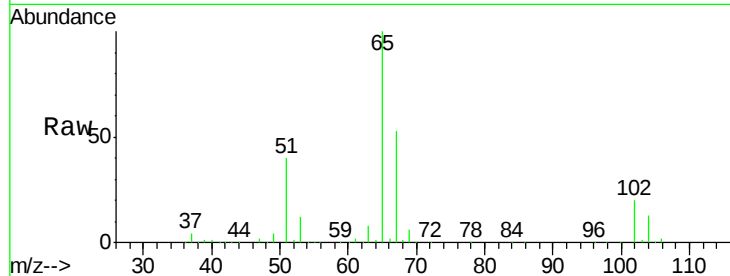




#33
 1,2-Dichloroethane-d4
 Concen: 57.269 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012023.D
 Acq: 20 Aug 2019 11:35

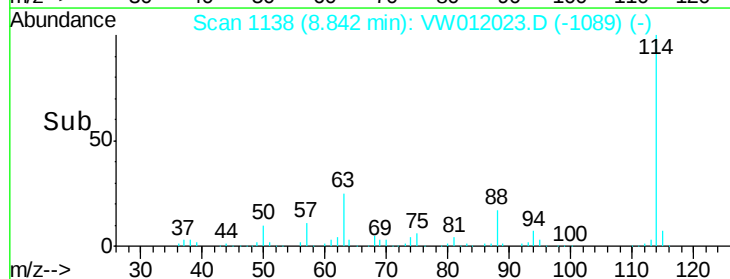
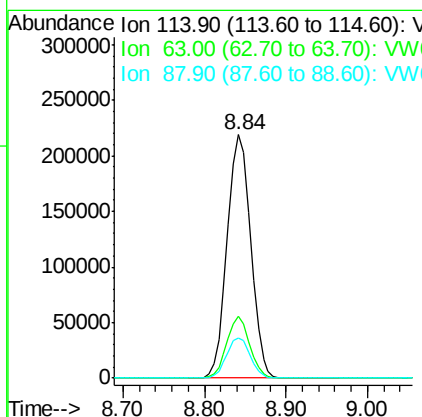
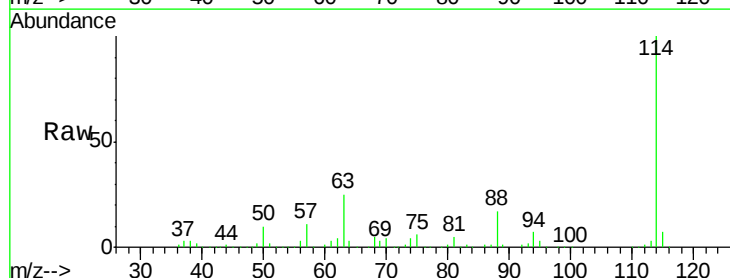
Instrument :
 MSVOA_W
 ClientSampleId :
 W-WALL

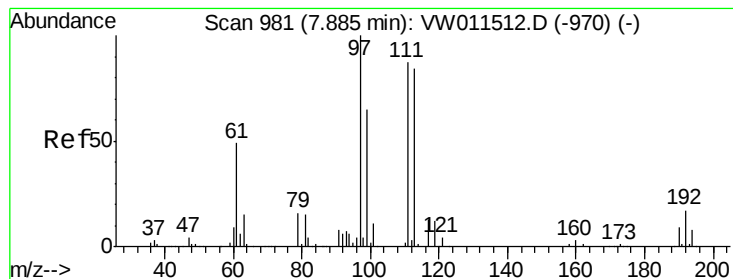
Tot Ion: 65 Resp: 170683
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012023.D
 Acq: 20 Aug 2019 11:35

Tgt Ion: 114 Resp: 436045
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.357 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012023.D

Acq: 20 Aug 2019 11:35

Instrument :

MSVOA_W

ClientSampleId :

W-WALL

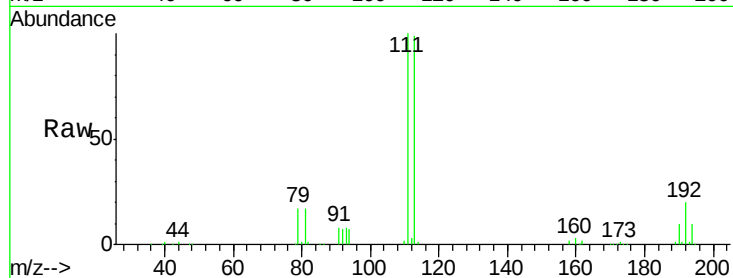
Tot Ion:113 Resp: 132974

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

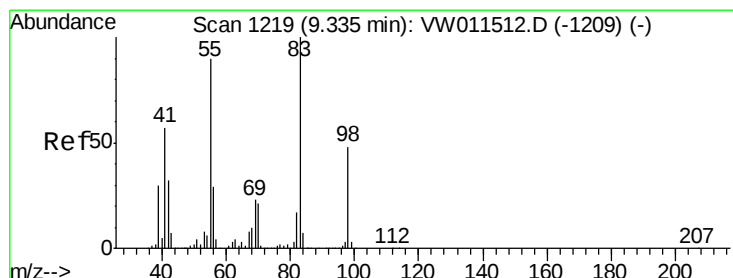
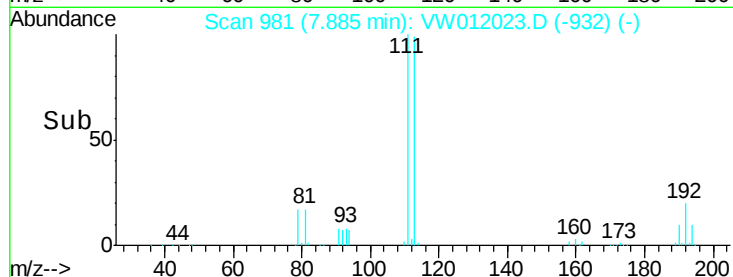
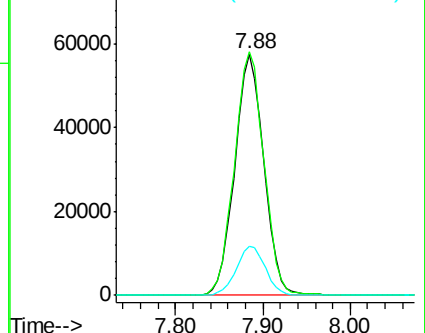
192 20.4 16.1 24.1



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



#39

Methylcyclohexane

Concen: 20.302 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW012023.D

Acq: 20 Aug 2019 11:35

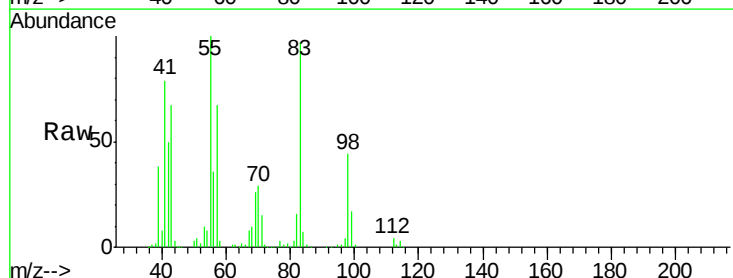
Tgt Ion: 83 Resp: 101357

Ion Ratio Lower Upper

83 100

55 102.6 72.1 108.1

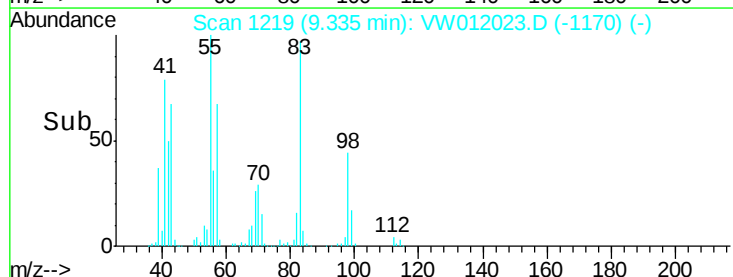
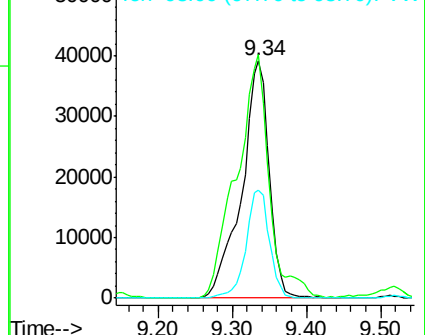
98 45.5 38.6 57.8

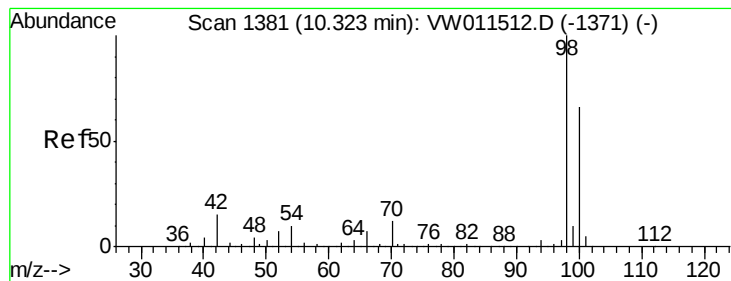


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 56.852 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012023.D

Acq: 20 Aug 2019 11:35

Instrument :

MSVOA_W

ClientSampleId :

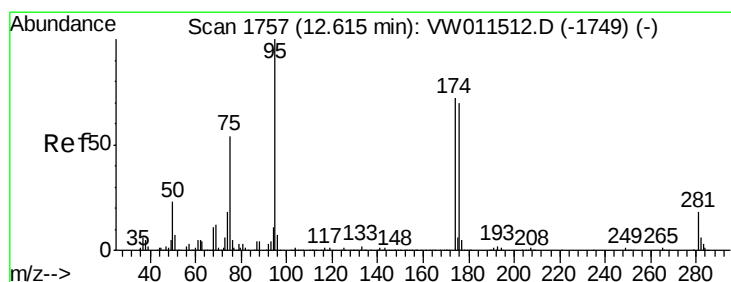
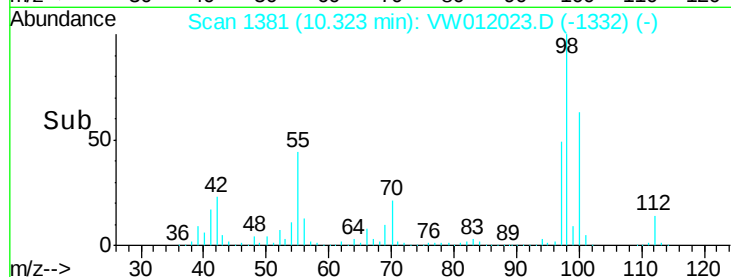
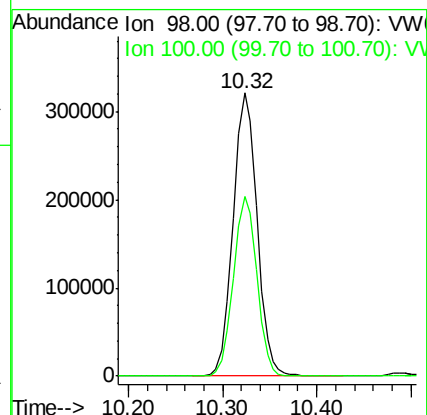
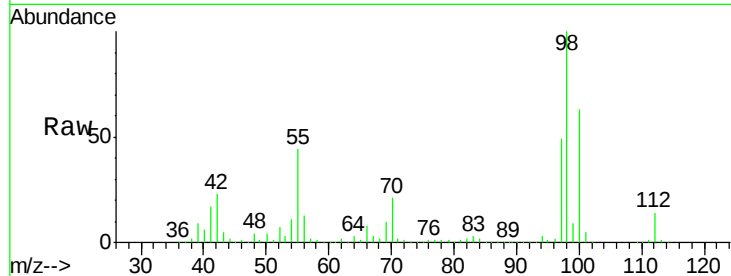
W-WALL

Tot Ion: 98 Resp: 569420

Ion Ratio Lower Upper

98 100

100 62.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 55.018 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012023.D

Acq: 20 Aug 2019 11:35

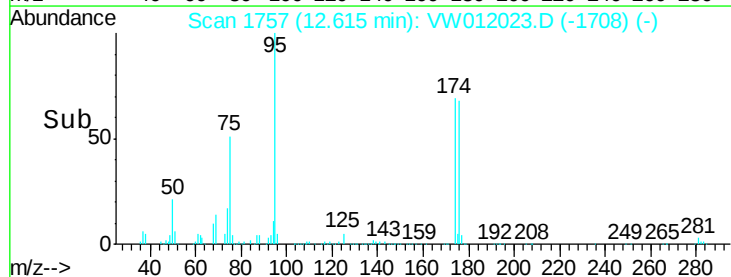
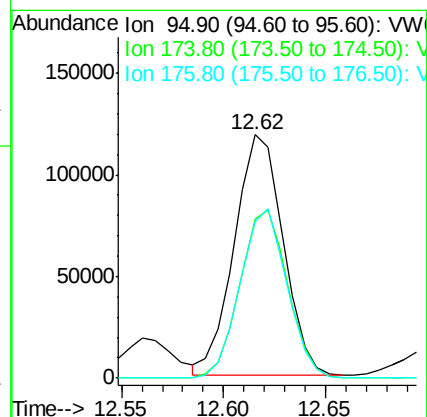
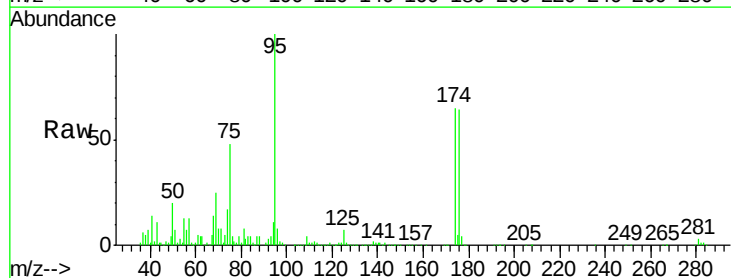
Tgt Ion: 95 Resp: 196462

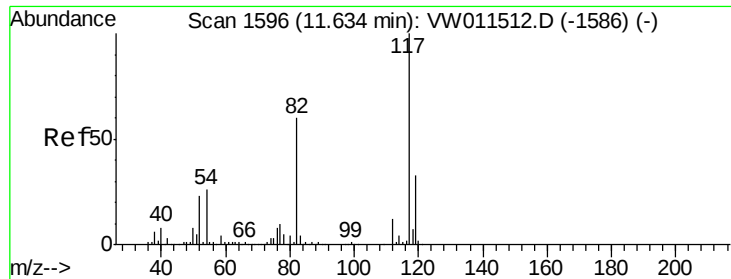
Ion Ratio Lower Upper

95 100

174 68.5 0.0 150.2

176 67.5 0.0 144.4

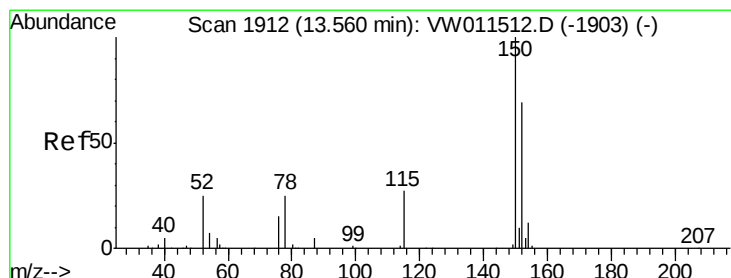
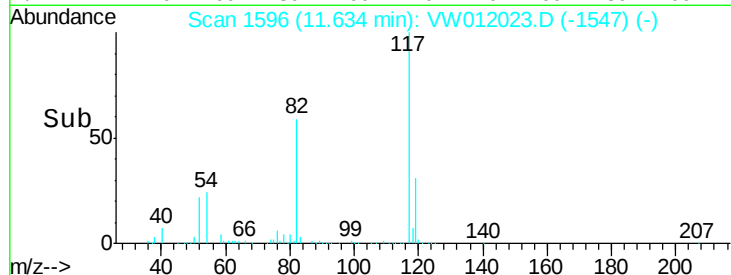
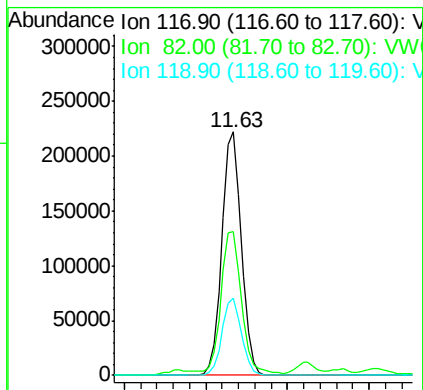
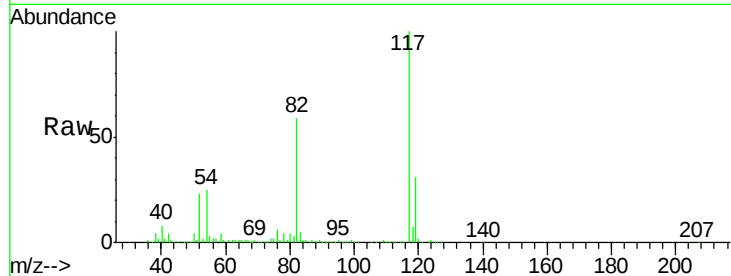




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012023.D
Acq: 20 Aug 2019 11:35

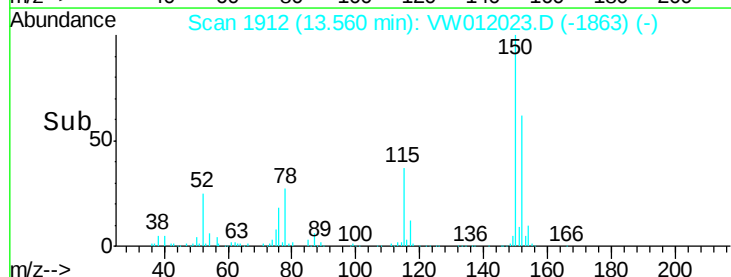
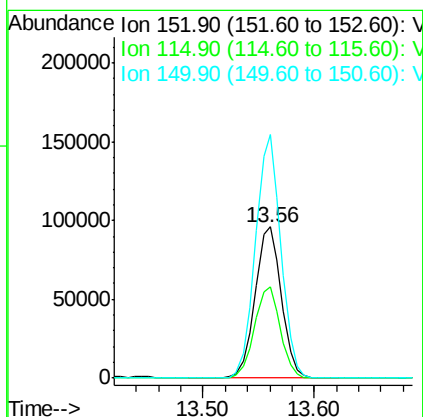
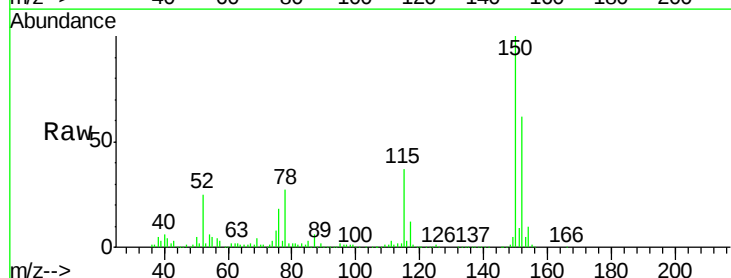
Instrument :
MSVOA_W
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W-WALL

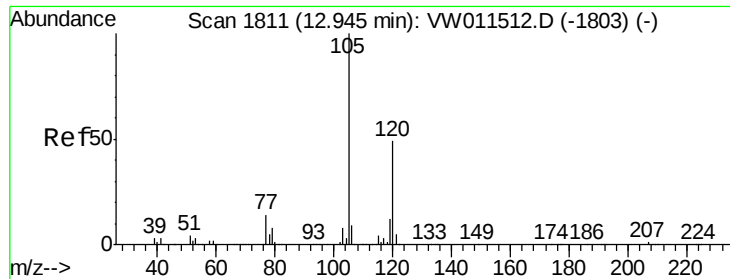
Tot Ion:117 Resp: 367766
Ion Ratio Lower Upper
117 100
82 57.5 47.9 71.9
119 31.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012023.D
Acq: 20 Aug 2019 11:35

Tgt Ion:152 Resp: 157542
Ion Ratio Lower Upper
152 100
115 59.5 30.5 91.5
150 155.0 0.0 352.6

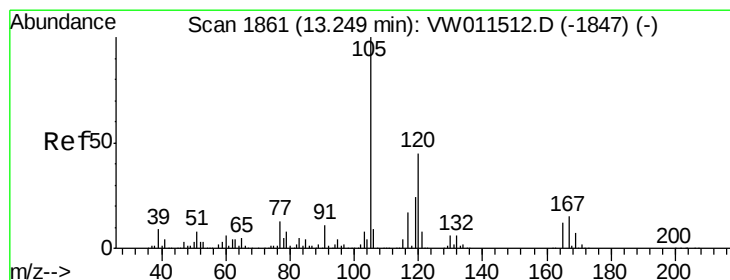
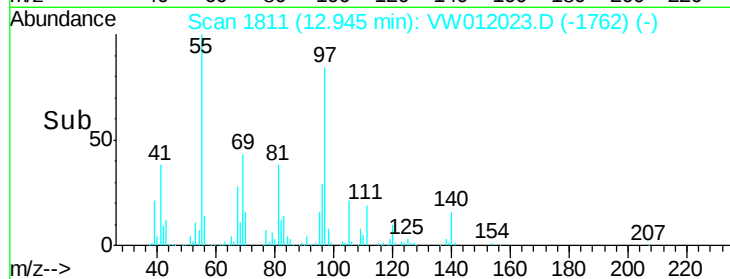
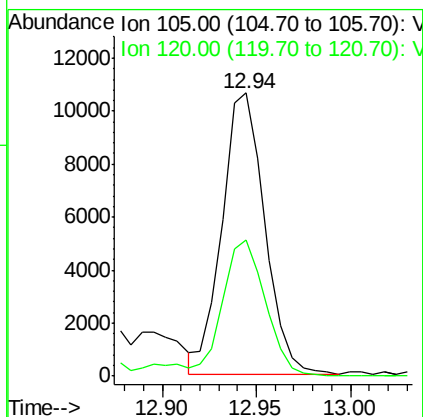
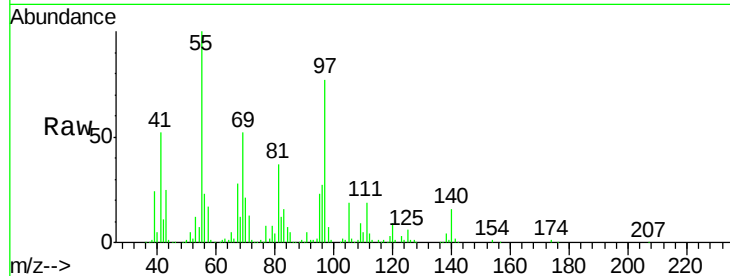




#80
 1,3,5-Trimethylbenzene
 Concen: 1.688 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW012023.D
 Acq: 20 Aug 2019 11:35

Instrument :
 MSVOA_W
 ClientSampleId :
 W-WALL

Tot Ion:105 Resp: 16627
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 2.741 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012023.D
 Acq: 20 Aug 2019 11:35

Tgt Ion:105 Resp: 27199
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.5

