

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU047991.D
 Acq On : 13 Apr 2022 10:31
 Operator : SY/MD
 Sample : VU0413MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK088

Quant Time: Apr 14 03:06:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 02:49:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

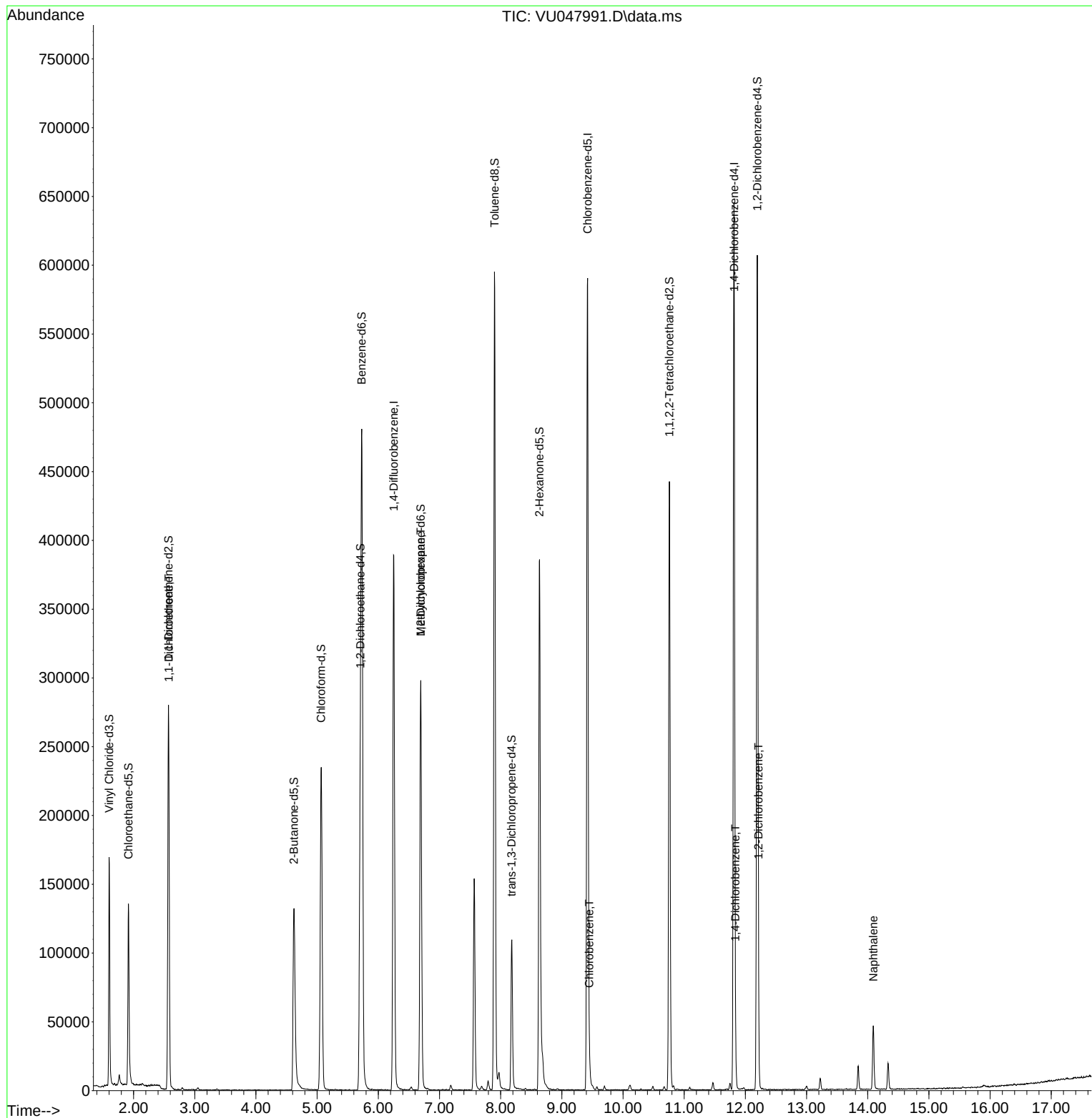
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	336976	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	352579	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	185987	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	123518	50.547	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.100%
7) Chloroethane-d5	1.916	69	105506	54.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.520%
11) 1,1-Dichloroethene-d2	2.571	63	158356	35.420	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.840%
21) 2-Butanone-d5	4.620	46	197788	94.301	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.300%
24) Chloroform-d	5.067	84	221148	49.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
26) 1,2-Dichloroethane-d4	5.706	65	143552	52.348	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.700%
32) Benzene-d6	5.729	84	456088	51.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.820%
36) 1,2-Dichloropropane-d6	6.693	67	144362	52.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.960%
41) Toluene-d8	7.899	98	408903	47.306	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.620%
43) trans-1,3-Dichloroprop...	8.179	79	62790	45.488	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.980%
47) 2-Hexanone-d5	8.632	63	140642	88.177	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	218888	46.812	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.620%
66) 1,2-Dichlorobenzene-d4	12.195	152	169949	51.361	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.720%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	1474	0.638	ug/L #	1
35) Methylcyclohexane	6.693	83	33380	8.201	ug/L #	21
51) Chlorobenzene	9.449	112	9277	1.220	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	7581	1.310	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	4878	0.873	ug/L #	94
71) Naphthalene	14.092	128	41115	3.470	ug/L	99

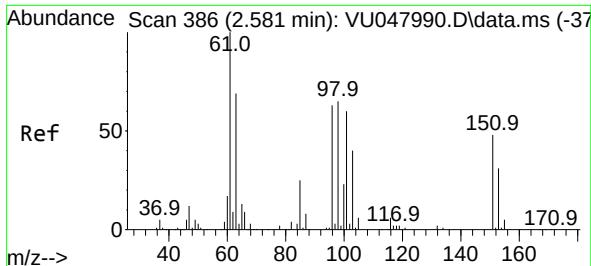
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.638 ug/L

RT: 2.575 min Scan# 31

Delta R.T. -0.007 min

Lab File: VU047991.D

Acq: 13 Apr 2022 10:31

Instrument :

MSVOA_U

ClientSampleId :

VBLK088

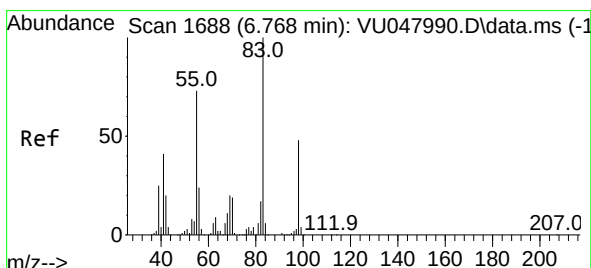
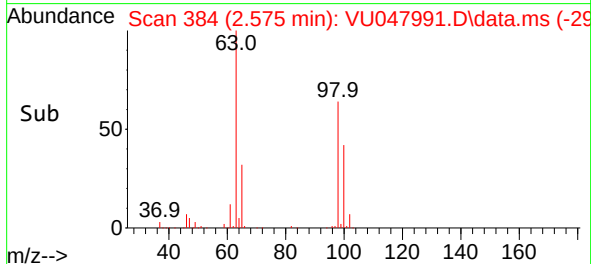
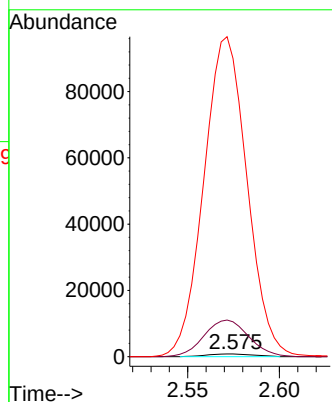
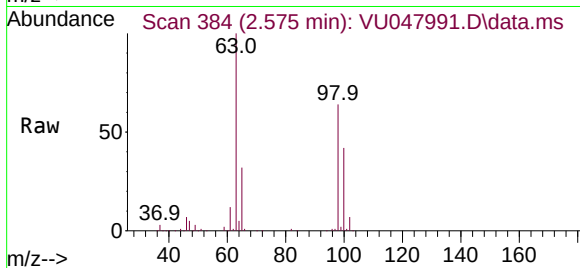
Tgt Ion: 96 Resp: 1474

Ion Ratio Lower Upper

96 100

61 1260.2 113.1 210.1#

63 10779.4 94.8 176.0#



#35

Methylcyclohexane

Concen: 8.201 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047991.D

Acq: 13 Apr 2022 10:31

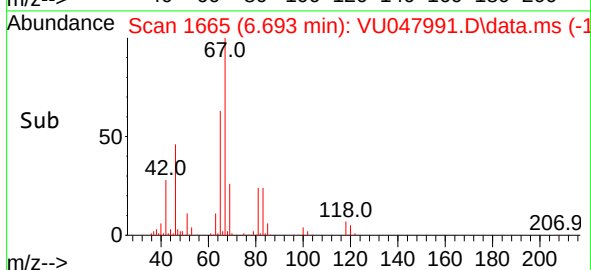
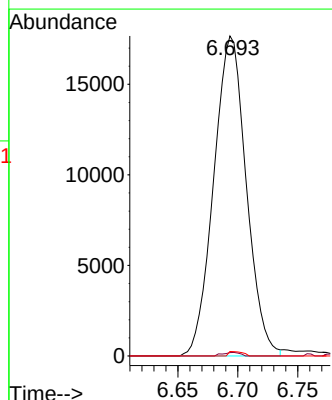
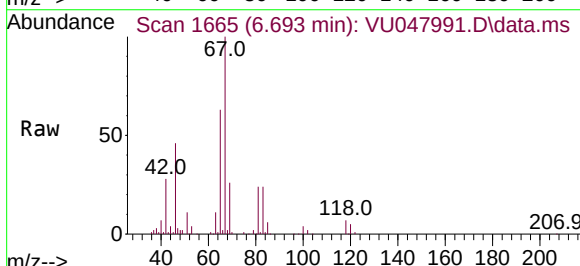
Tgt Ion: 83 Resp: 33380

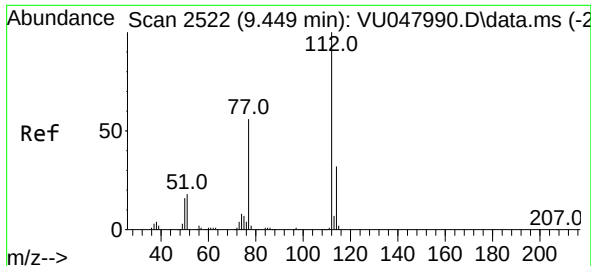
Ion Ratio Lower Upper

83 100

55 0.5 56.8 85.2#

98 0.6 38.1 57.1#

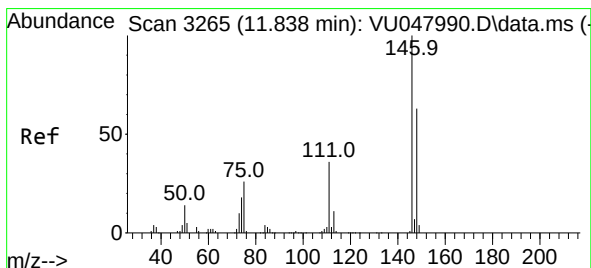
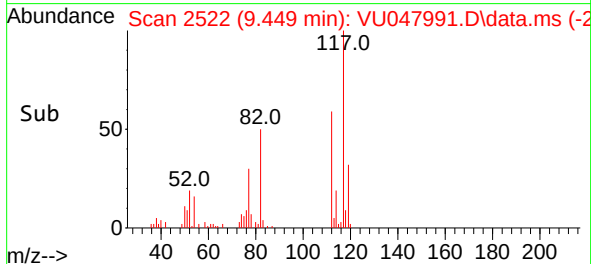
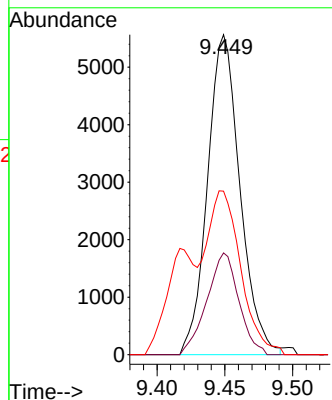
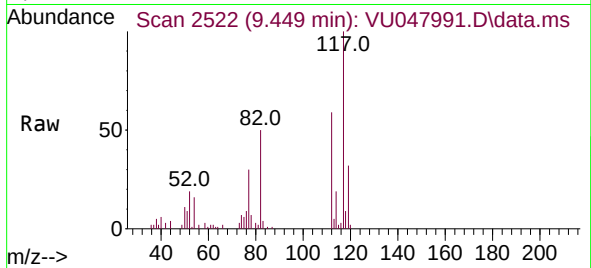




#51
Chlorobenzene
Concen: 1.220 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047991.D
Acq: 13 Apr 2022 10:31

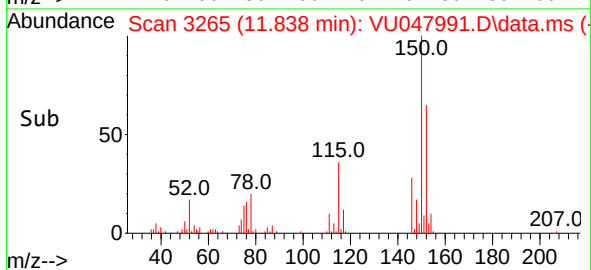
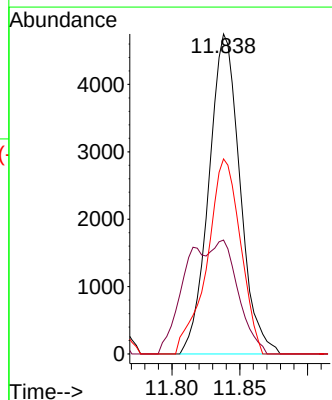
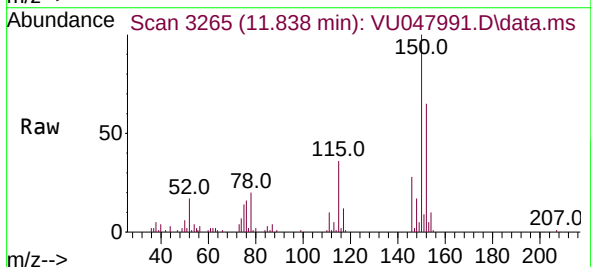
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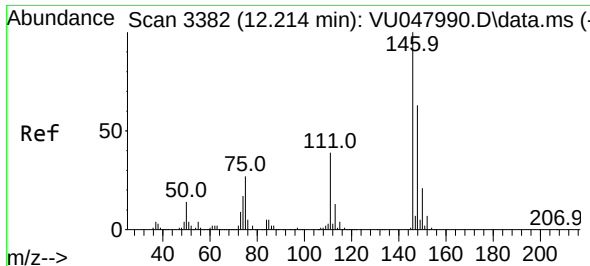
Tgt Ion:112 Resp: 9277
Ion Ratio Lower Upper
112 100
114 31.8 22.1 41.1
77 51.1 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 1.310 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047991.D
Acq: 13 Apr 2022 10:31

Tgt Ion:146 Resp: 7581
Ion Ratio Lower Upper
146 100
111 35.6 25.3 47.1
148 60.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 0.873 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047991.D

Acq: 13 Apr 2022 10:31

Instrument :

MSVOA_U

ClientSampleId :

VBLK088

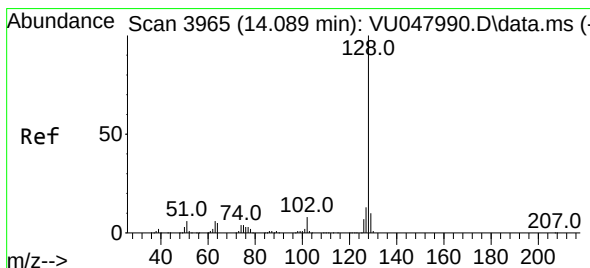
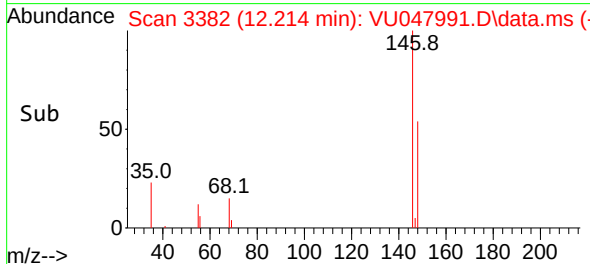
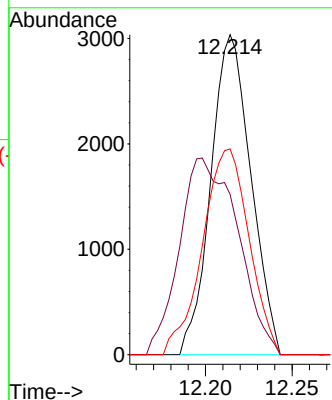
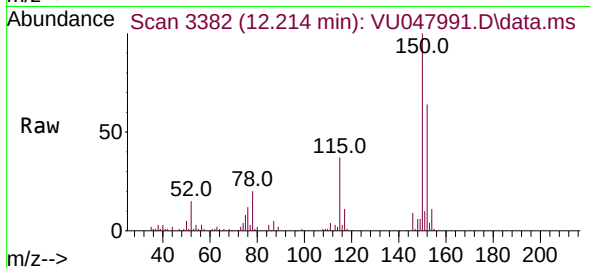
Tgt Ion:146 Resp: 4878

Ion Ratio Lower Upper

146 100

111 50.0 31.7 47.5#

148 64.3 51.4 77.2



#71

Naphthalene

Concen: 3.470 ug/L

RT: 14.092 min Scan# 3966

Delta R.T. 0.003 min

Lab File: VU047991.D

Acq: 13 Apr 2022 10:31

Tgt Ion:128 Resp: 41115

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 10.8 8.8 13.2

