

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036482.D
 Acq On : 15 Jan 2020 21:19
 Operator : JC/MD
 Sample : L1118-12
 Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 06:54:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 06:52:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	899876	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	882414	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	394736	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	344112	58.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.96%
7) Chloroethane-d5	1.89	69	267098	52.89	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.78%
11) 1,1-Dichloroethene-d2	2.56	63	547091	48.84	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.68%
21) 2-Butanone-d5	4.69	46	634881	126.57	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.57%
24) Chloroform-d	5.11	84	770829	66.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.72%#
26) 1,2-Dichloroethane-d4	5.74	65	531969	68.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	137.78%#
32) Benzene-d6	5.76	84	1560062	67.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	135.20%#
36) 1,2-Dichloropropane-d6	6.73	67	515445	68.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	137.36%#
41) Toluene-d8	7.93	98	1492341	68.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	136.74%#
43) trans-1,3-Dichloropropene-	8.21	79	274814	67.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	135.94%#
47) 2-Hexanone-d5	8.68	63	589522	153.28	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	153.28%#
57) 1,1,2,2-Tetrachloroethane-	10.79	84	815523	72.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	144.48%#
64) 1,2-Dichlorobenzene-d4	12.22	152	523724	67.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	134.72%#

Target Compounds

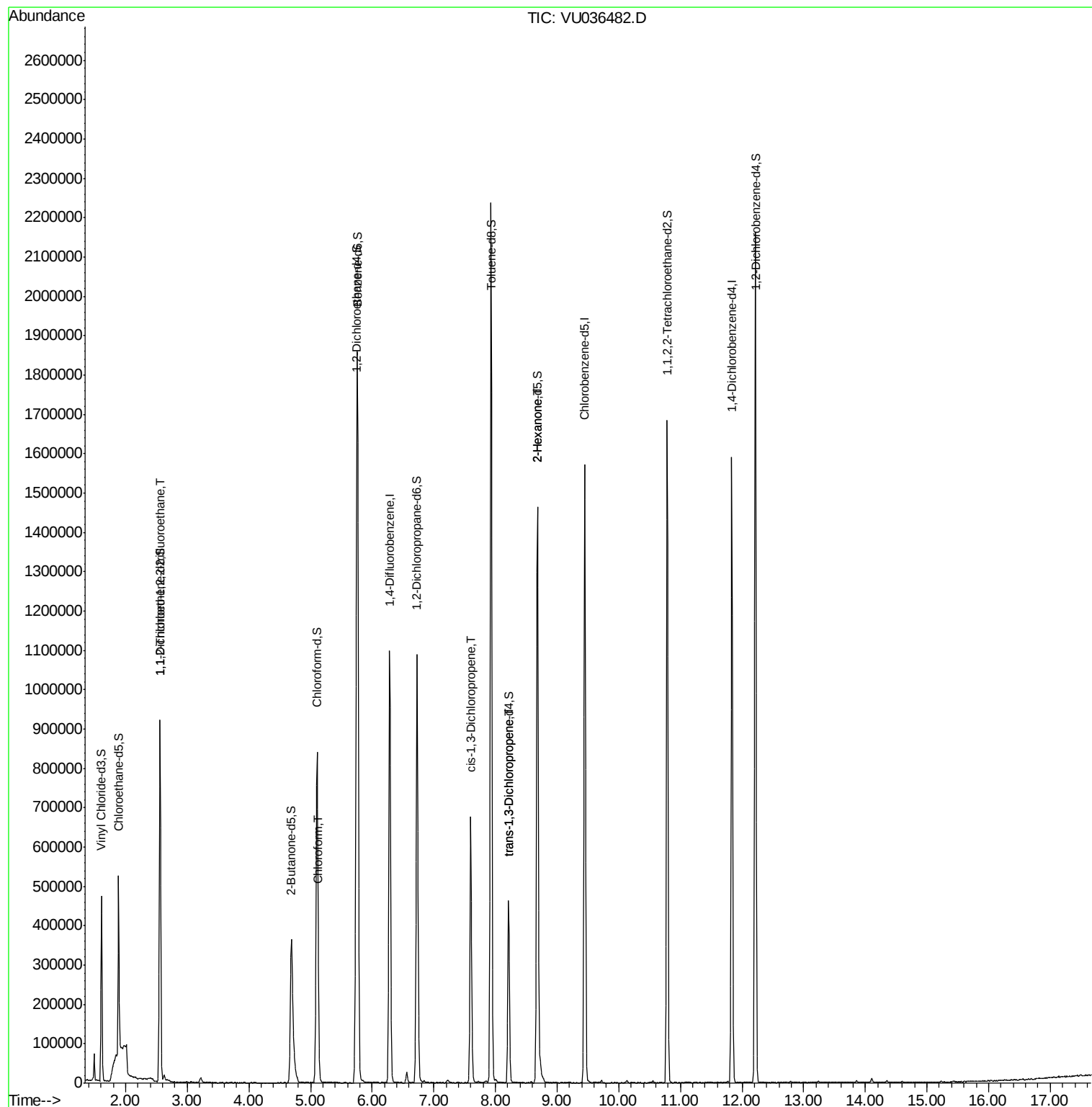
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.56	101	4684	0.873 ug/L #	26
25) Chloroform	5.13	83	27737	2.363 ug/L	94
39) cis-1,3-Dichloropropene	7.60	75	20235	1.860 ug/L #	72
44) trans-1,3-Dichloropropene	8.21	75	14405	1.429 ug/L	87
48) 2-Hexanone	8.68	43	66533	7.782 ug/L #	66

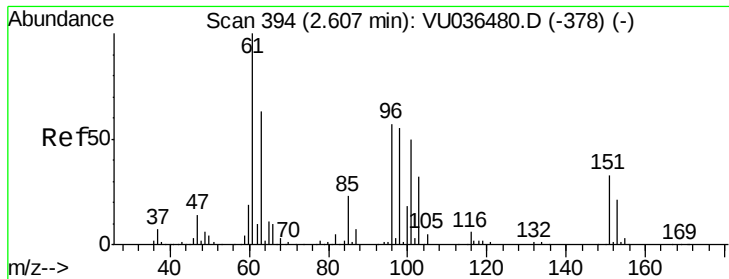
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
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Quant Time: Jan 16 06:54:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 06:52:15 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.873 ug/L

RT: 2.56 min Scan# 380

Delta R.T. -0.05 min

Lab File: VU036482.D

Acq: 15 Jan 2020 21:19

Instrument :

MSVOA_U

ClientSampleId :

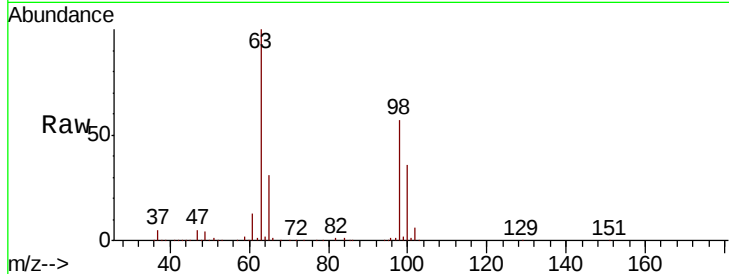
Tot Ion:101 Resp: 4684

Ion Ratio Lower Upper

101 100

85 2.6 36.7 55.1#

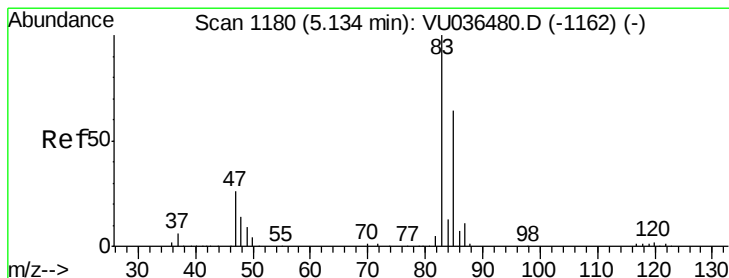
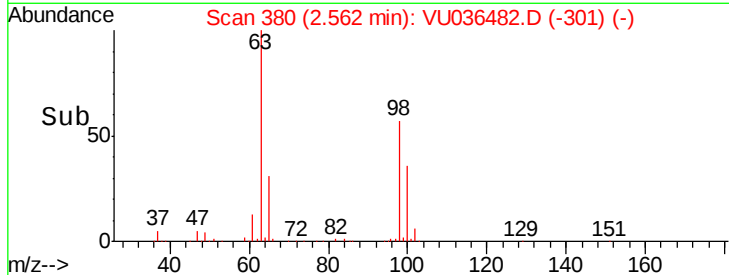
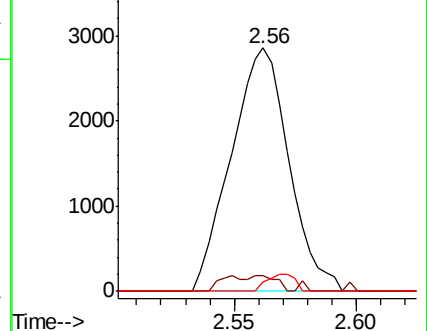
151 3.3 53.3 79.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 2.363 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036482.D

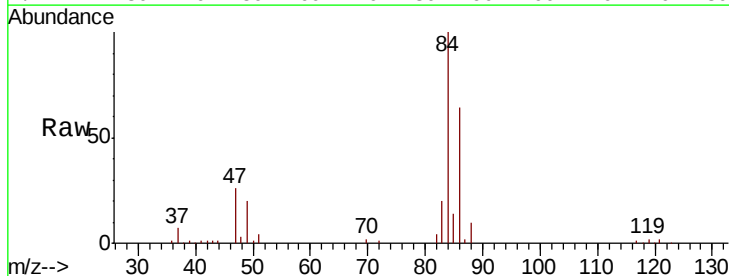
Acq: 15 Jan 2020 21:19

Tgt Ion: 83 Resp: 27737

Ion Ratio Lower Upper

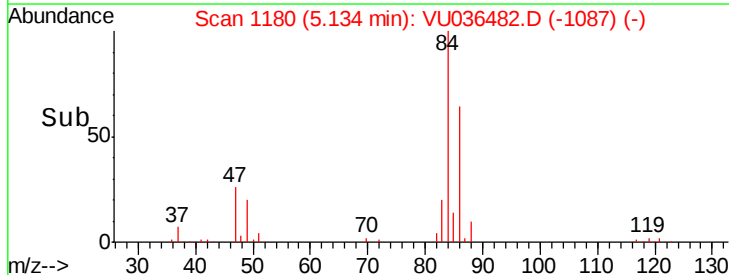
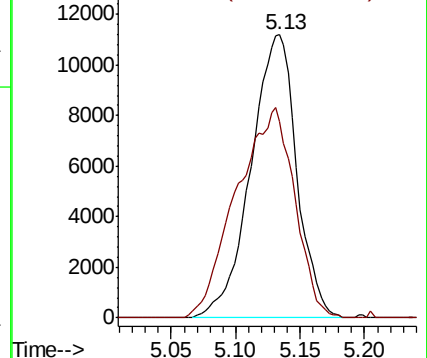
83 100

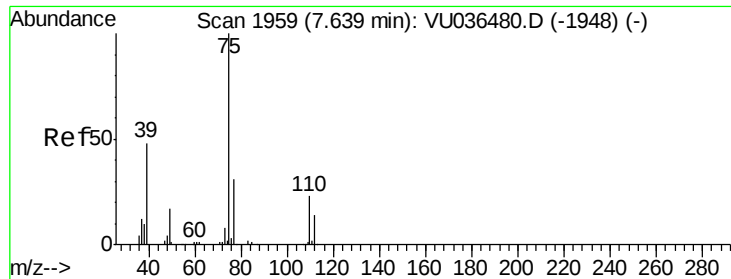
85 69.2 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



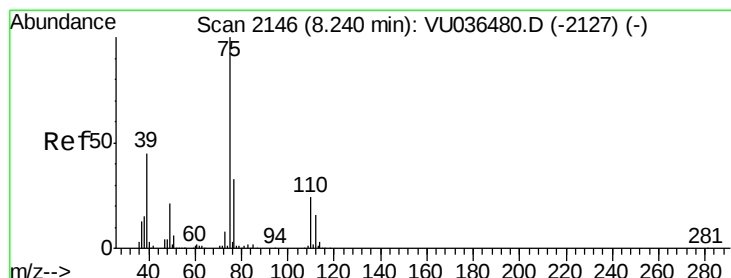
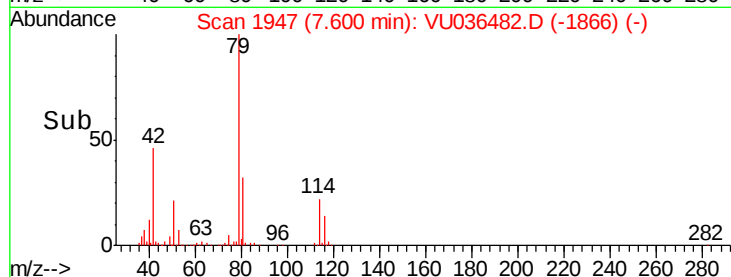
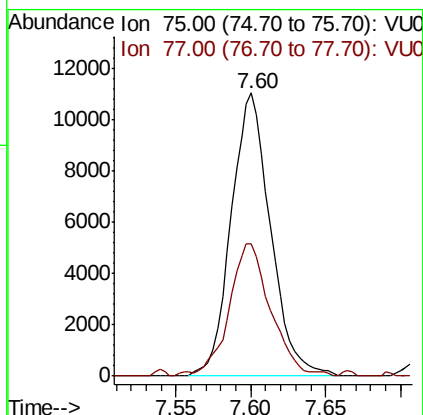
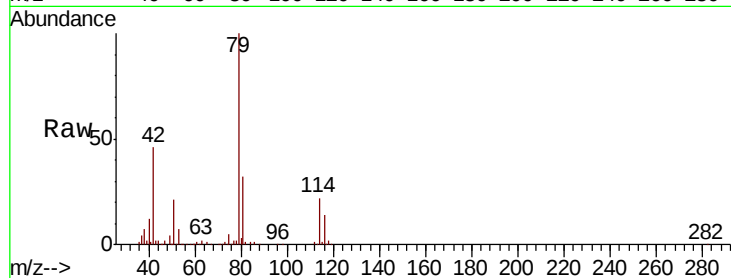


#39

cis-1,3-Dichloropropene
Concen: 1.860 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036482.D
Acq: 15 Jan 2020 21:19

Instrument :
MSVOA_U
ClientSampled :

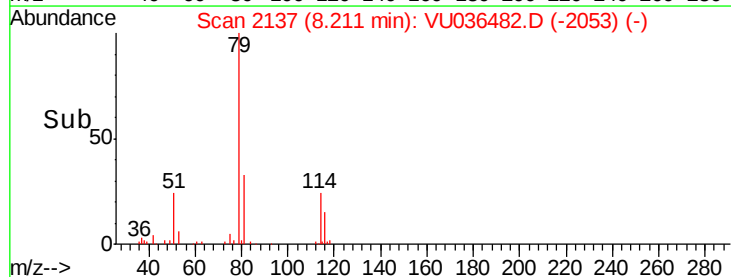
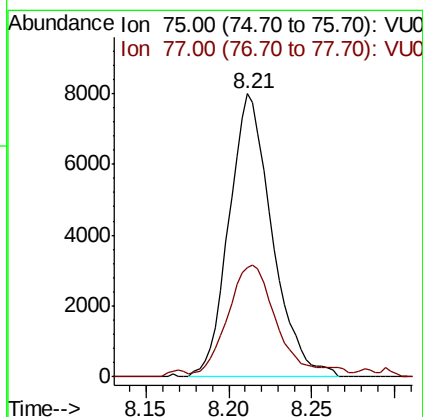
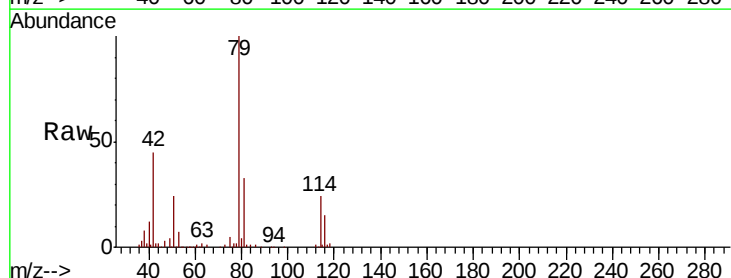
Tot Ion: 75 Resp: 20235
Ion Ratio Lower Upper
75 100
77 46.8 21.8 40.4#

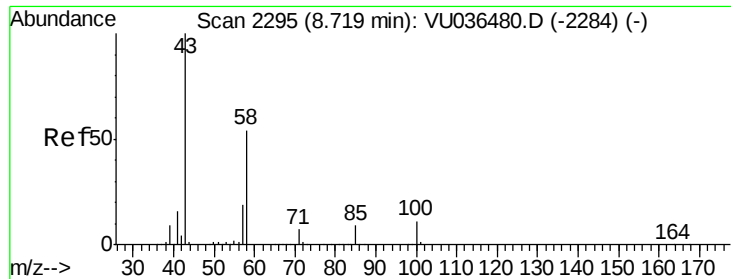


#44

trans-1,3-Dichloropropene
Concen: 1.429 ug/L
RT: 8.21 min Scan# 2137
Delta R.T. -0.03 min
Lab File: VU036482.D
Acq: 15 Jan 2020 21:19

Tgt Ion: 75 Resp: 14405
Ion Ratio Lower Upper
75 100
77 38.5 21.8 40.4





#48

2-Hexanone

Concen: 7.782 ug/L

RT: 8.68 min Scan# 2283

Delta R.T. -0.04 min

Lab File: VU036482.D

Acq: 15 Jan 2020 21:19

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 43 Resp: 66533

Ion Ratio Lower Upper

43 100

58 24.6 43.7 65.5#

57 23.6 14.7 22.1#

100 0.1 9.4 14.0#

