

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016691.D
 Acq On : 09 Jun 2020 04:06
 Operator : SY/MD
 Sample : L2901-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTQ3

Quant Time: Jun 09 05:05:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:40:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	316090	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298535	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143718	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96460	43.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.50%
7) Chloroethane-d5	1.56	69	71071	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.12	63	134958	36.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.06%
21) 2-Butanone-d5	3.89	46	169305	102.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.56%
24) Chloroform-d	4.37	84	220736	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
26) 1,2-Dichloroethane-d4	5.05	65	156892	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.72%
32) Benzene-d6	5.07	84	431037	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
36) 1,2-Dichloropropane-d6	6.09	67	135701	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.18%
41) Toluene-d8	7.34	98	382607	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%
43) trans-1,3-Dichloropropene-	7.64	79	59666	42.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.42%
47) 2-Hexanone-d5	8.11	63	109092	93.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179357	50.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	162597	53.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.02%

Target Compounds

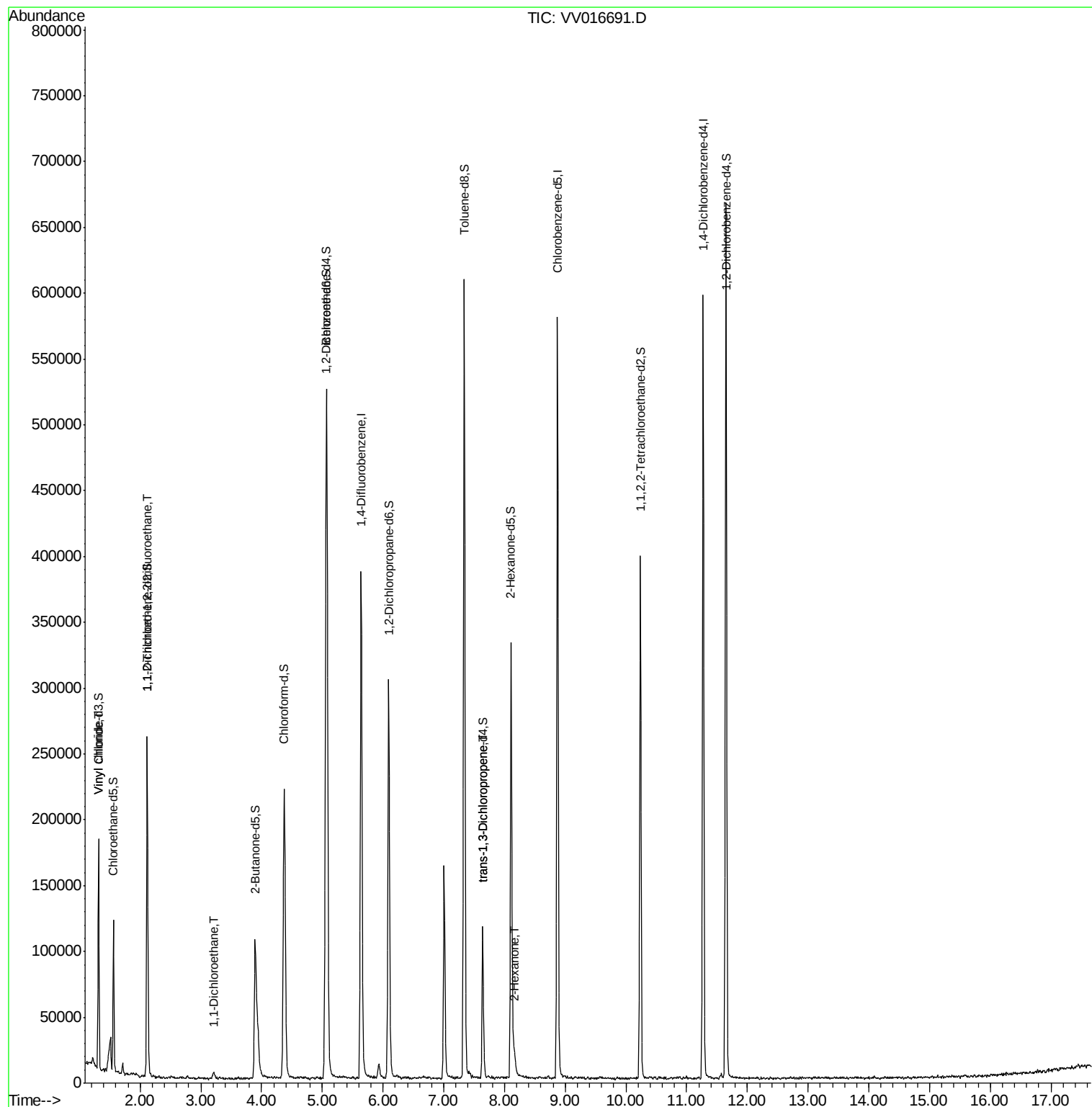
					Ovalue
5) Vinyl chloride	1.32	62	6034	2.677 ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1338	0.796 ug/L #	22
19) 1,1-Dichloroethane	3.21	63	4805	1.193 ug/L #	75
44) trans-1,3-Dichloropropene	7.64	75	3175	0.915 ug/L	84
48) 2-Hexanone	8.16	43	8555	3.390 ug/L #	85

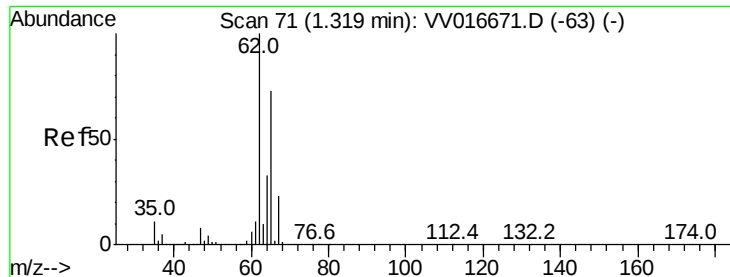
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 03:40:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.677 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Acq: 09 Jun 2020 04:06

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MSVOA_V

ClientSampleId :

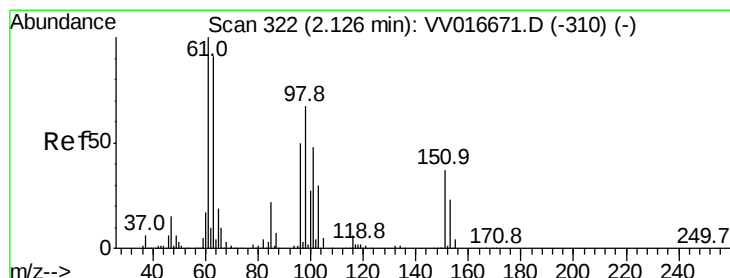
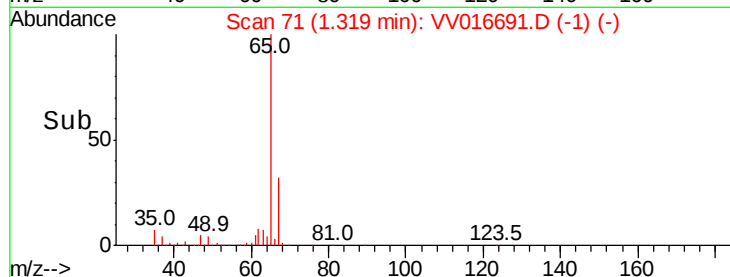
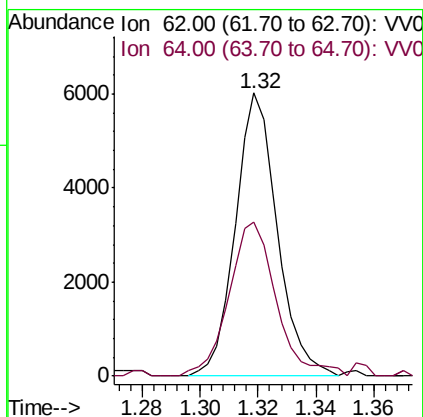
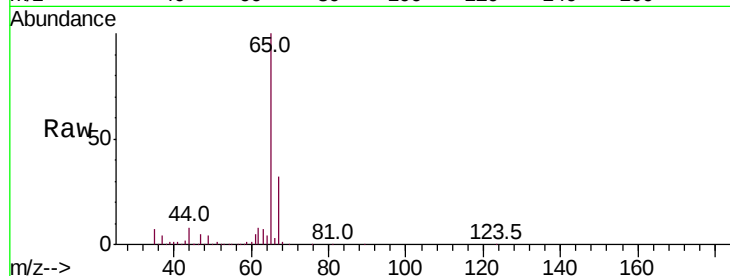
ETTQ3

Tot Ion: 62 Resp: 6034

Ion Ratio Lower Upper

62 100

64 54.5 22.3 41.5#



#10

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

Concen: 0.796 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016691.D

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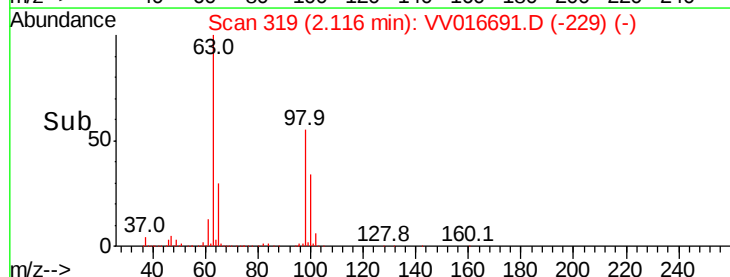
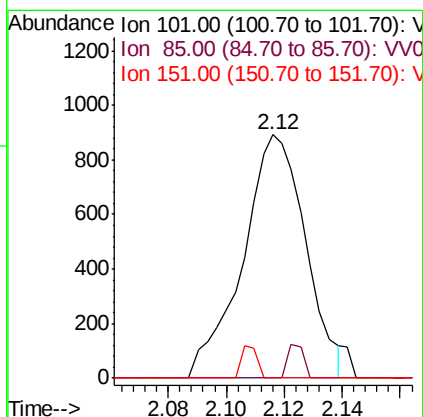
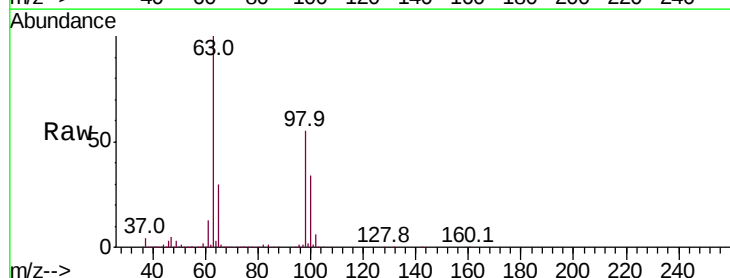
Tgt Ion: 101 Resp: 1338

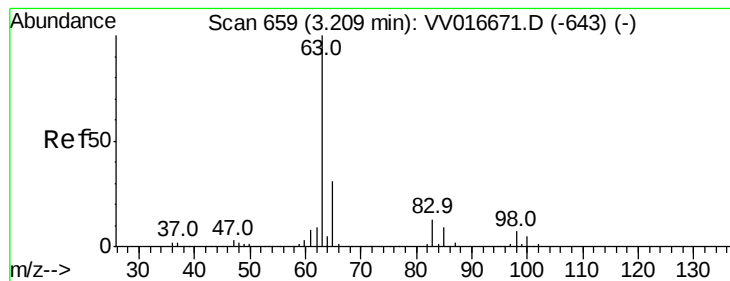
Ion Ratio Lower Upper

101 100

85 3.4 35.5 53.3#

151 3.3 63.9 95.9#





#19

1,1-Dichloroethane

Concen: 1.193 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

ETTQ3

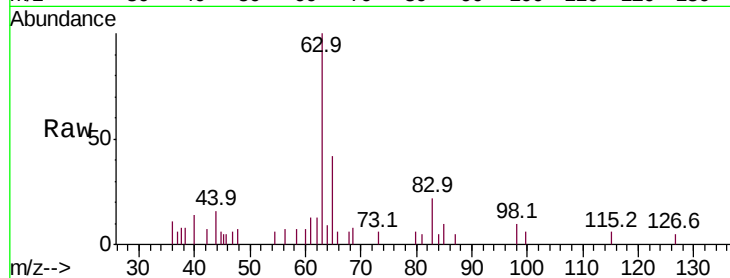
Tot Ion: 63 Resp: 4805

Ion Ratio Lower Upper

63 100

65 48.5 23.2 43.0#

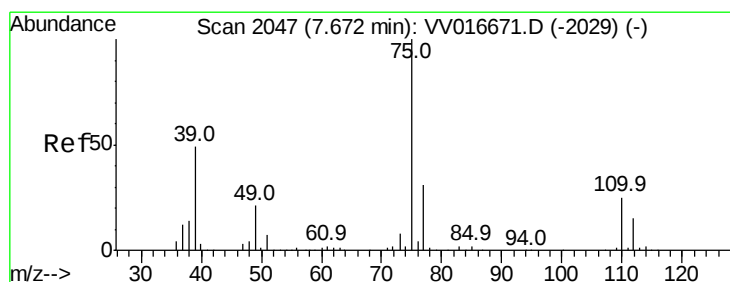
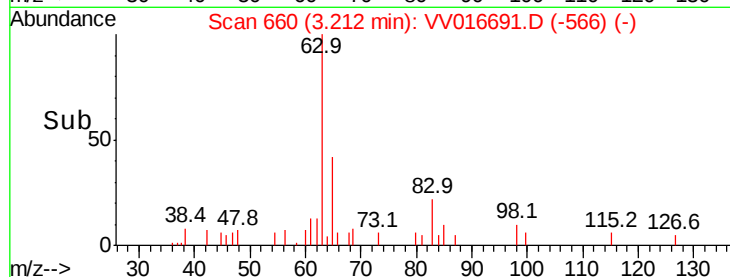
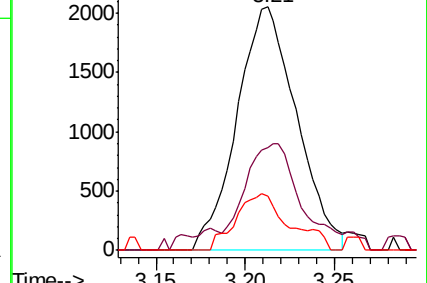
83 22.2 10.0 18.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.915 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016691.D

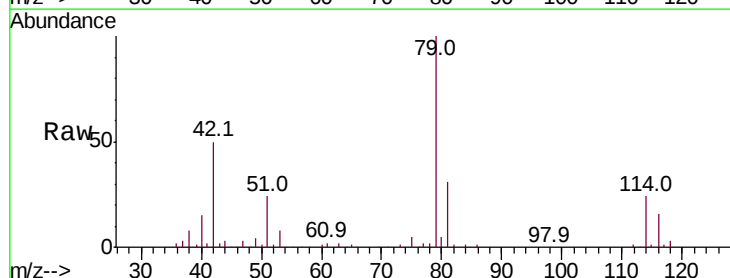
Acq: 09 Jun 2020 04:06

Tgt Ion: 75 Resp: 3175

Ion Ratio Lower Upper

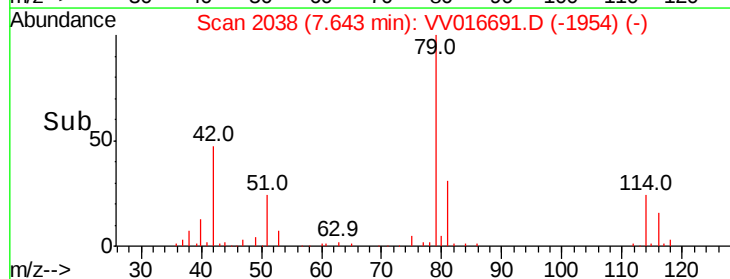
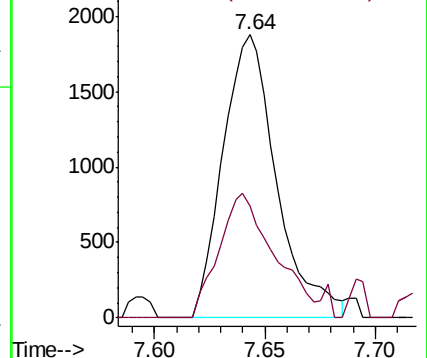
75 100

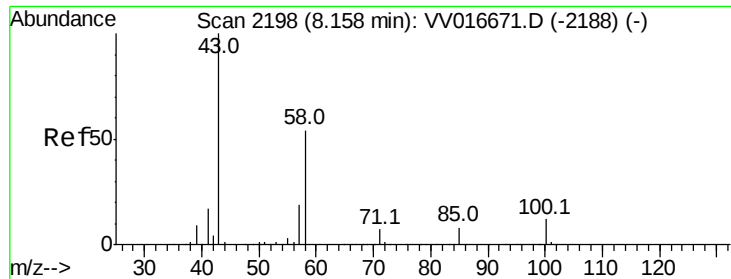
77 39.7 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 3.390 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016691.D

Acq: 09 Jun 2020 04:06

Instrument :
MSVOA_V
ClientSampleId :
ETTQ3

Tot Ion: 43 Resp: 8555

Ion Ratio Lower Upper

43 100

58 46.2 43.1 64.7

57 3.5 15.3 22.9#

100 10.3 10.0 15.0

