

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021383.D
 Acq On : 15 Dec 2021 11:43
 Operator : SY/VA
 Sample : M4975-16
 Misc : 5.07g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 00:57:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

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

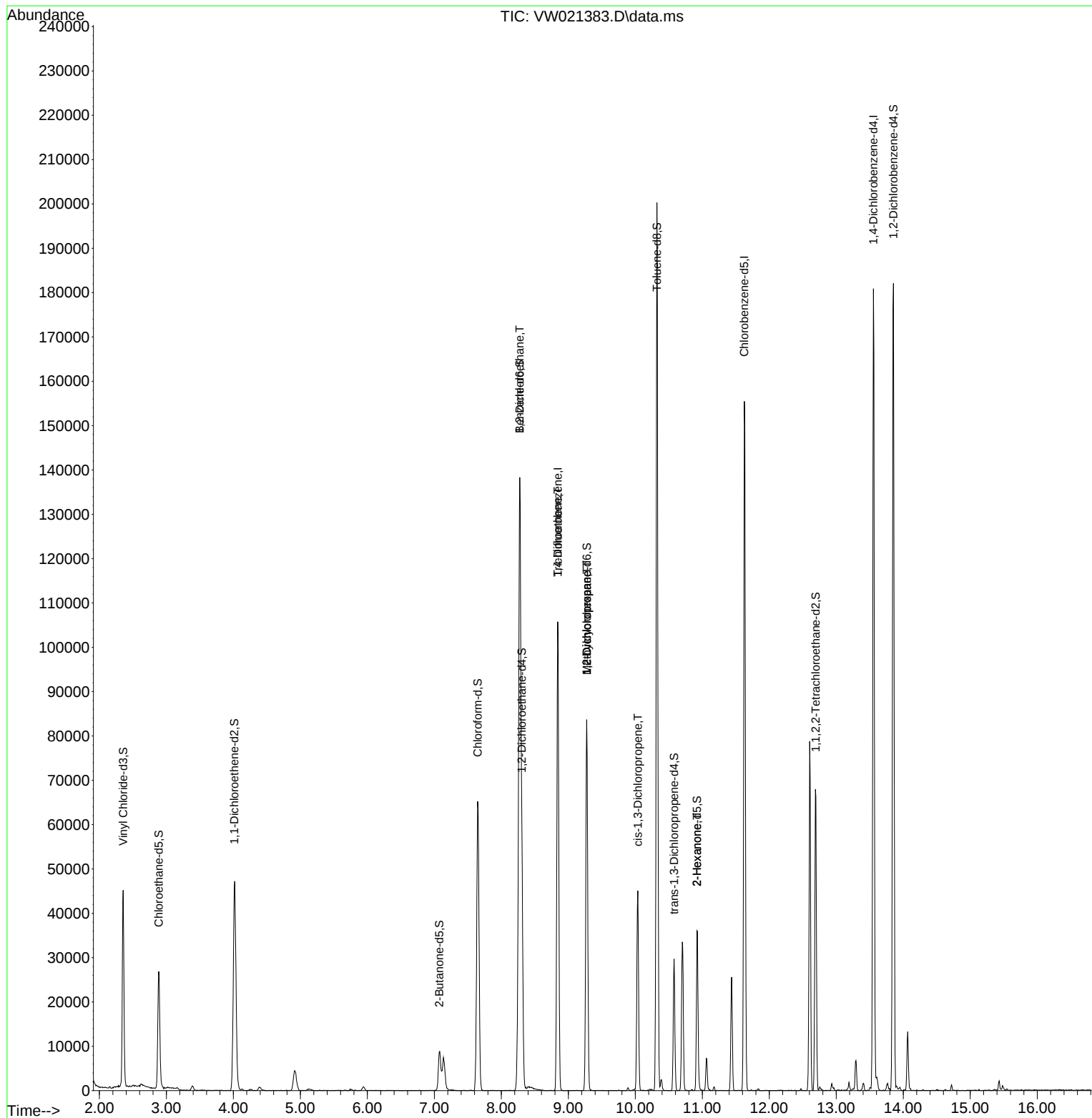
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	92043	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	88443	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	49406	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	43578	25.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.000%
7) Chloroethane-d5	2.885	69	31370	28.307	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.240%
11) 1,1-Dichloroethene-d2	4.013	63	43376	19.409	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.640%
21) 2-Butanone-d5	7.074	46	15217	64.397	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.800%
24) Chloroform-d	7.647	84	64987	25.336	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.360%
26) 1,2-Dichloroethane-d4	8.305	65	36161	26.503	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	8.275	84	129758	26.766	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.080%
36) 1,2-Dichloropropane-d6	9.274	67	35833	27.561	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.240%
41) Toluene-d8	10.323	98	127191	25.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.720%
43) trans-1,3-Dichloroprop...	10.579	79	15180	25.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.440%
47) 2-Hexanone-d5	10.920	63	12089	62.880	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.760%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	31344	28.044	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	51204	26.742	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.960%
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.275	62	908	0.637	ug/L #	77
34) Trichloroethene	8.842	95	2776	2.053	ug/L #	5
35) Methylcyclohexane	9.274	83	9473	4.246	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	4437	4.129	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1366	0.806	ug/L	97
48) 2-Hexanone	10.920	43	1506	3.547	ug/L #	75

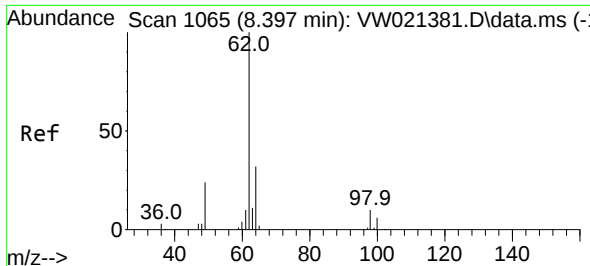
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Dec 16 00:57:02 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.637 ug/L

RT: 8.275 min Scan# 1108

Delta R.T. -0.122 min

Lab File: VW021383.D

Acq: 15 Dec 2021 11:43

Instrument :

MSVOA_W

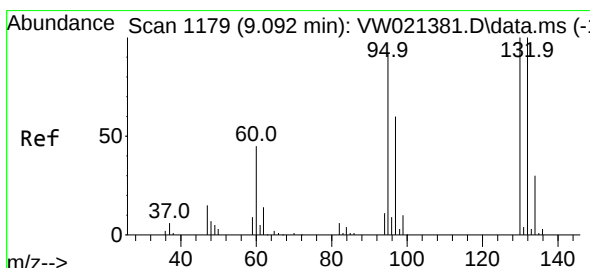
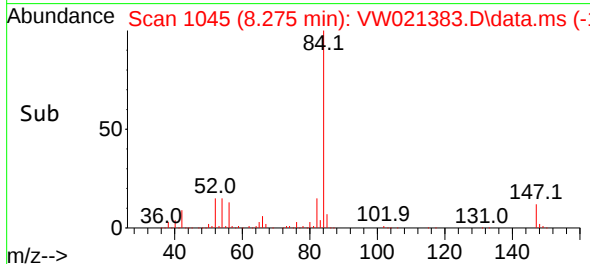
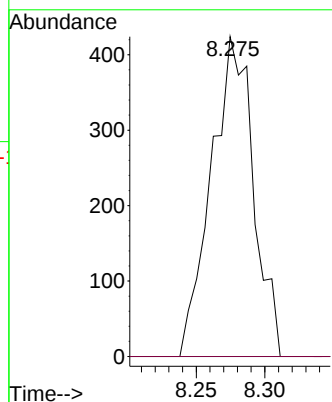
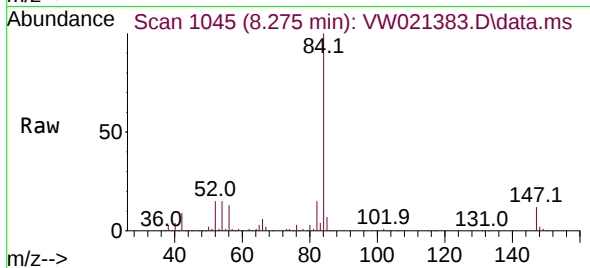
ClientSampleId :

Tgt Ion: 62 Resp: 908

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 2.053 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021383.D

Acq: 15 Dec 2021 11:43

Tgt Ion: 95 Resp: 2776

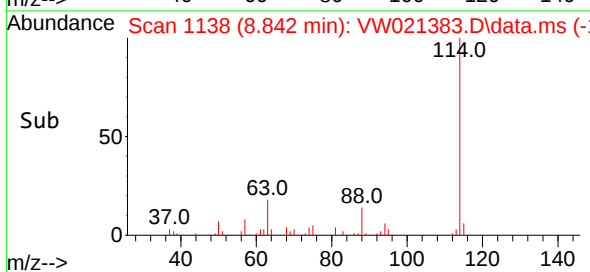
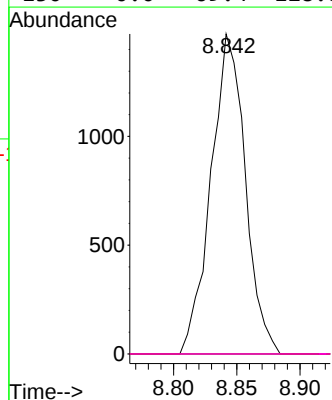
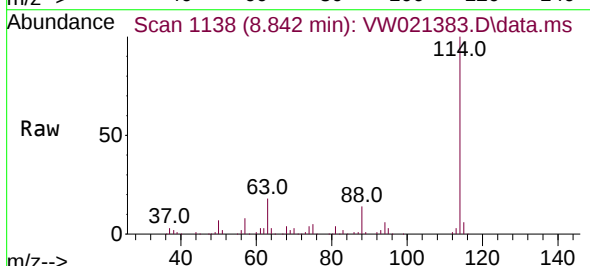
Ion Ratio Lower Upper

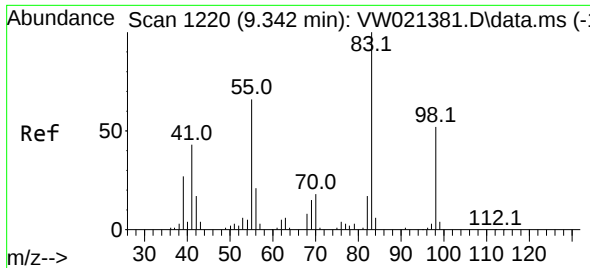
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#

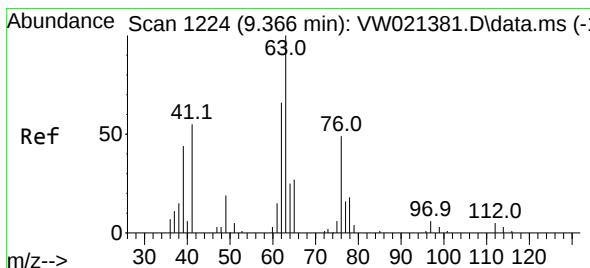
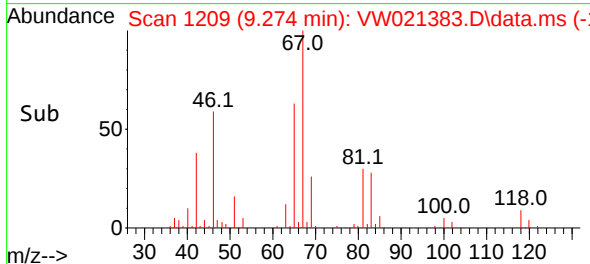
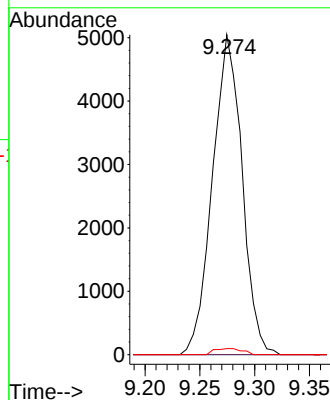
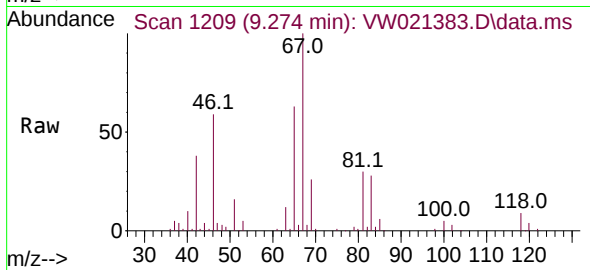




#35
Methylcyclohexane
Concen: 4.246 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.067 min
Lab File: VW021383.D
Acq: 15 Dec 2021 11:43

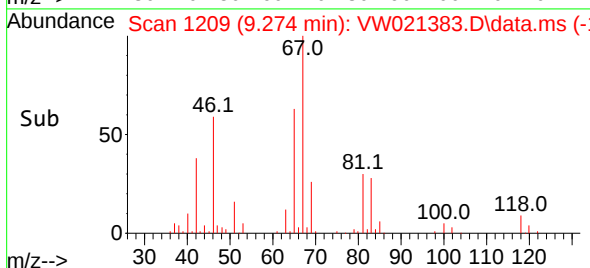
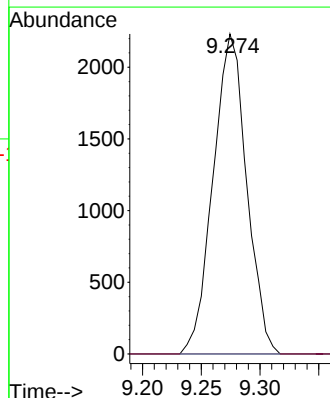
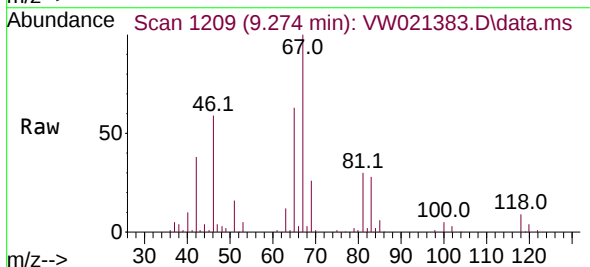
Instrument :
MSVOA_W
ClientSampleId :

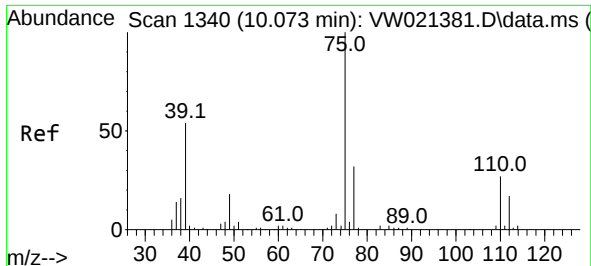
Tgt Ion: 83 Resp: 9473
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.8 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 4.129 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021383.D
Acq: 15 Dec 2021 11:43

Tgt Ion: 63 Resp: 4437
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.806 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021383.D

Acq: 15 Dec 2021 11:43

Instrument :

MSVOA_W

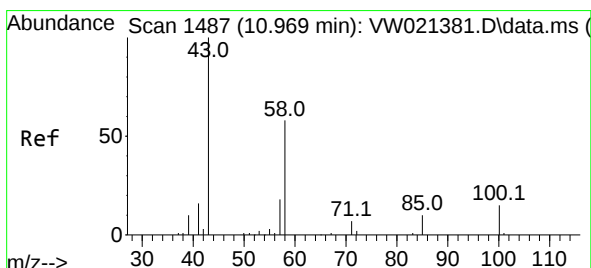
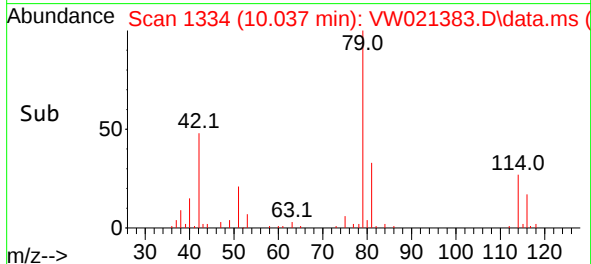
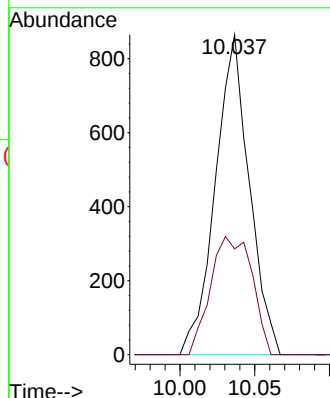
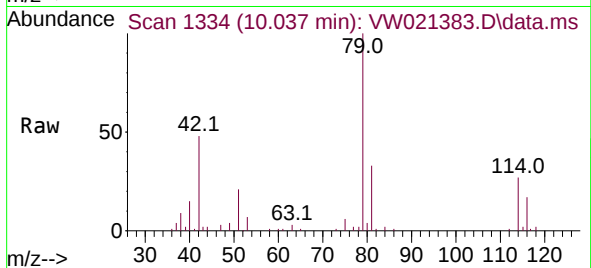
ClientSampleId :

Tgt Ion: 75 Resp: 1366

Ion Ratio Lower Upper

75 100

77 33.1 21.8 40.6



#48

2-Hexanone

Concen: 3.547 ug/L

RT: 10.920 min Scan# 1479

Delta R.T. -0.049 min

Lab File: VW021383.D

Acq: 15 Dec 2021 11:43

Tgt Ion: 43 Resp: 1506

Ion Ratio Lower Upper

43 100

58 32.5 40.2 60.2#

57 27.6 14.3 21.5#

100 0.0 8.0 12.0#

