

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052423\
 Data File : VW026031.D
 Acq On : 24 May 2023 15:13
 Operator : SY/MD
 Sample : 02917-02RE
 Misc : 5.10g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11G3RE

Quant Time: May 25 00:25:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 25 00:24:12 2023
 Response via : Initial Calibration

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

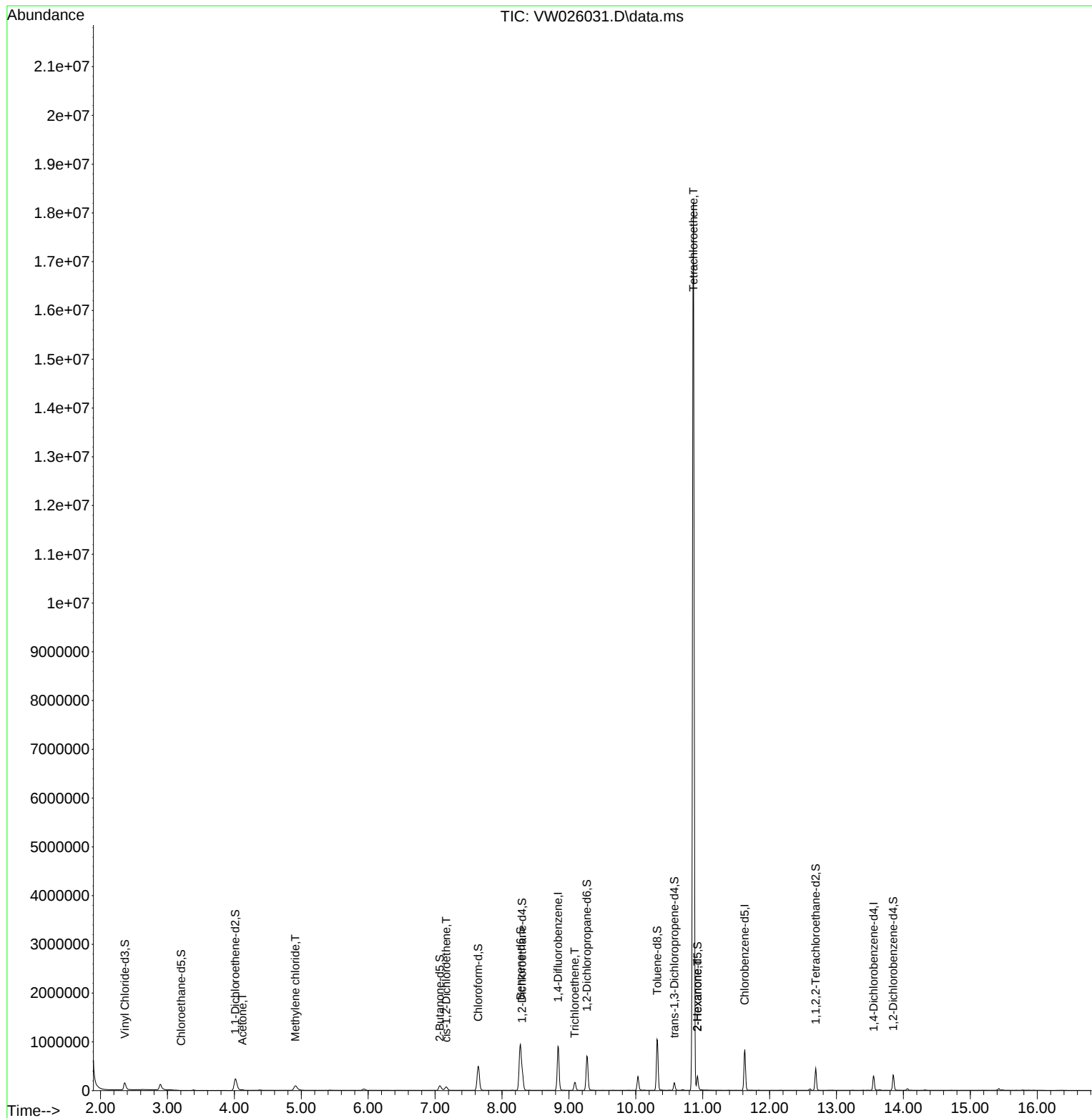
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	715025	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	438952	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	74620	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	196070	19.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.400%
7) Chloroethane-d5	3.204	69	231	0.031	ug/L	0.31
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.120%#
11) 1,1-Dichloroethene-d2	4.015	65	91893	18.112	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.440%
21) 2-Butanone-d5	7.069	46	170228	50.820	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.640%
24) Chloroform-d	7.642	84	508316	24.654	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	8.301	65	272938	23.410	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.640%
32) Benzene-d6	8.276	84	946970	33.016	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.080%
36) 1,2-Dichloropropane-d6	9.270	67	327556	35.693	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.760%#
41) Toluene-d8	10.318	98	673661	26.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.360%
43) trans-1,3-Dichloroprop...	10.575	79	81772	21.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.920%
47) 2-Hexanone-d5	10.922	63	95583	61.081	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	223274	31.921	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.680%#
66) 1,2-Dichlorobenzene-d4	13.848	152	76908	28.273	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.080%
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	22499	7.575	ug/L	96
16) Methylene chloride	4.911	84	79455	5.388	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	37543	3.354	ug/L	97
34) Trichloroethene	9.087	95	59922	7.689	ug/L	93
46) Tetrachloroethene	10.861	164	3736351	681.514	ug/L	97
48) 2-Hexanone	10.922	43	13739	3.541	ug/L #	60

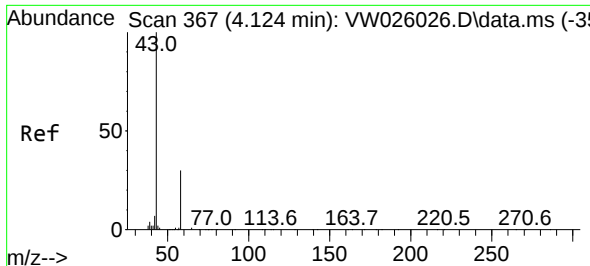
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu May 25 00:24:12 2023
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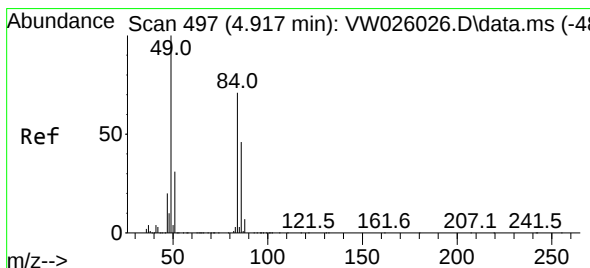
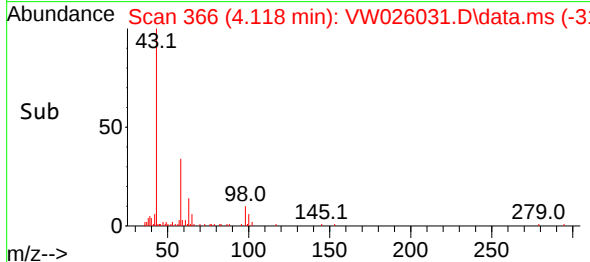
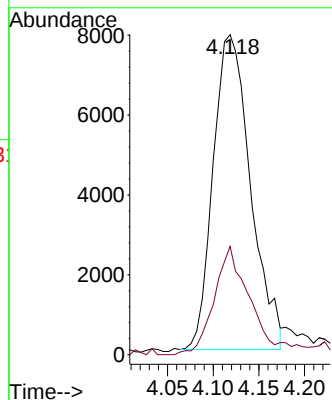
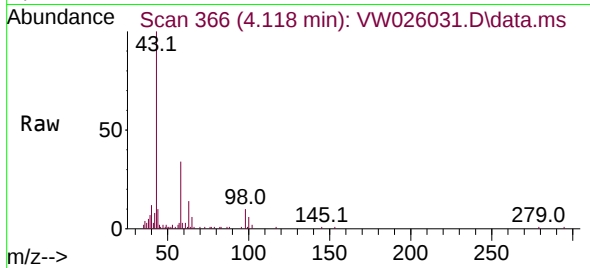




#13
Acetone
Concen: 7.575 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW026031.D
Acq: 24 May 2023 15:13

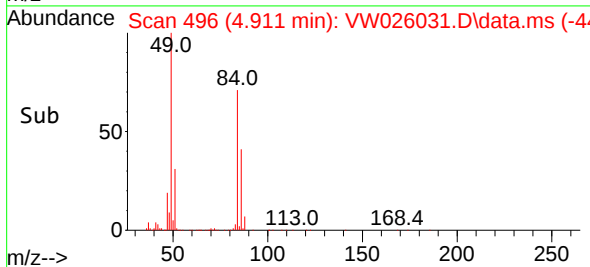
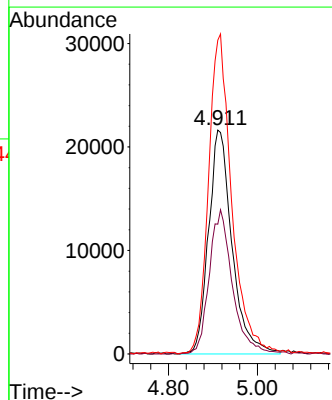
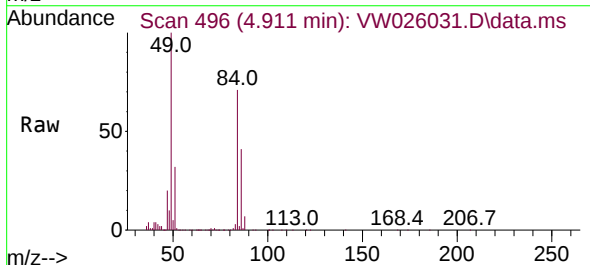
Instrument :
MSVOA_W
ClientSampleId :
C11G3RE

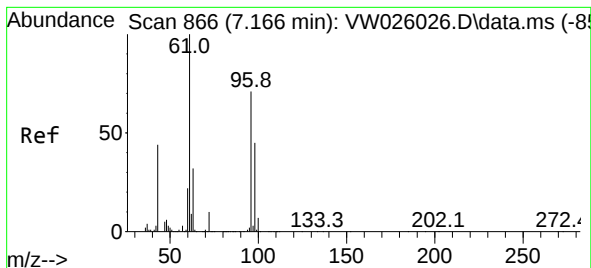
Tgt Ion: 43 Resp: 22499
Ion Ratio Lower Upper
43 100
58 31.2 0.0 58.2



#16
Methylene chloride
Concen: 5.388 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW026031.D
Acq: 24 May 2023 15:13

Tgt Ion: 84 Resp: 79455
Ion Ratio Lower Upper
84 100
86 57.9 41.7 77.5
49 140.2 95.3 177.1





#20

cis-1,2-Dichloroethene

Concen: 3.354 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026031.D

Acq: 24 May 2023 15:13

Instrument :

MSVOA_W

ClientSampleId :

C11G3RE

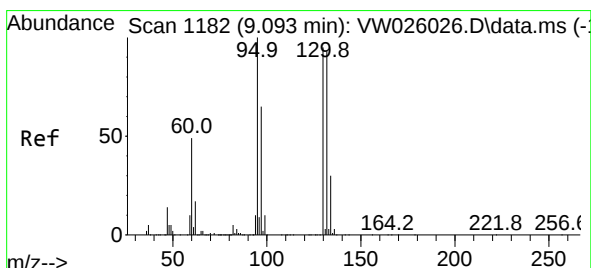
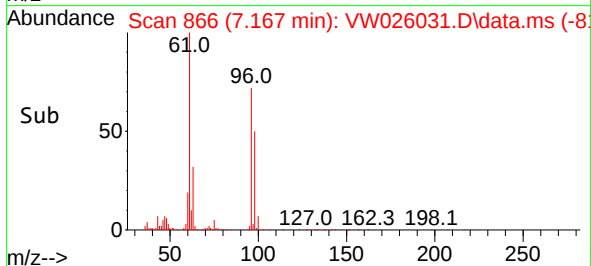
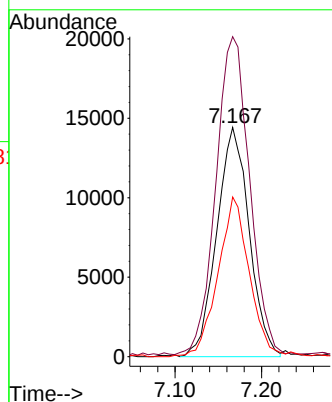
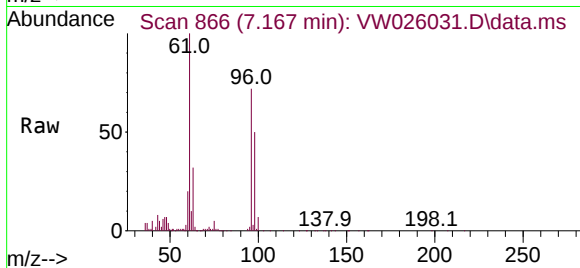
Tgt Ion: 96 Resp: 37543

Ion Ratio Lower Upper

96 100

61 139.6 98.6 183.0

98 69.7 45.2 84.0



#34

Trichloroethene

Concen: 7.689 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW026031.D

Acq: 24 May 2023 15:13

Tgt Ion: 95 Resp: 59922

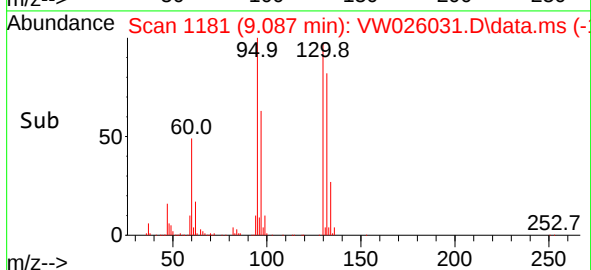
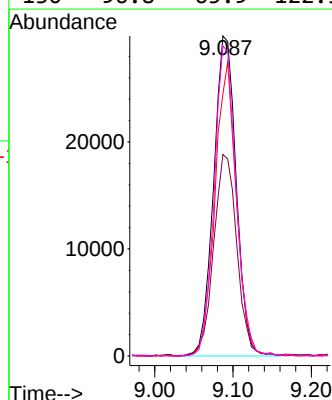
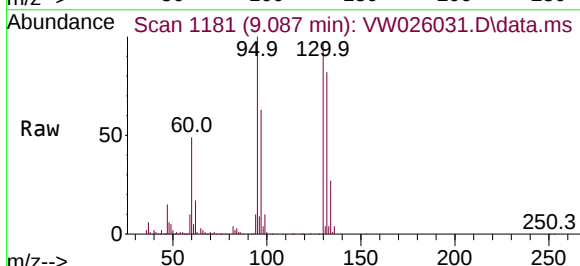
Ion Ratio Lower Upper

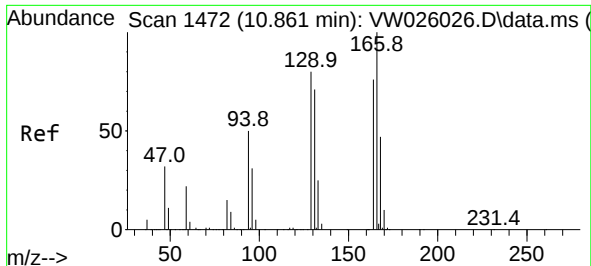
95 100

97 63.0 45.9 85.3

132 81.9 66.0 122.6

130 96.8 65.9 122.3

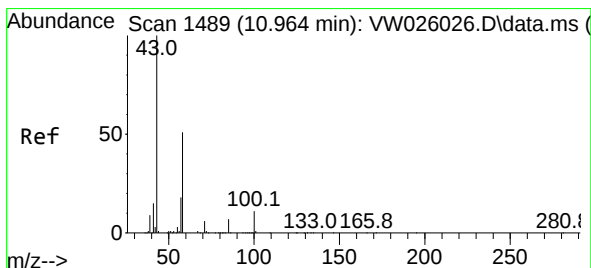
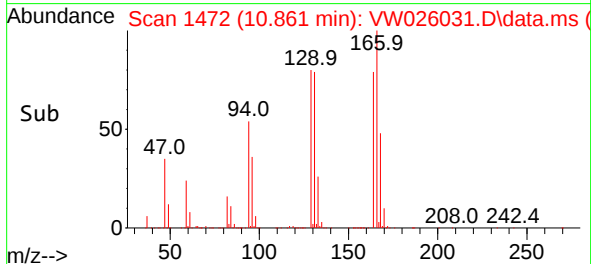
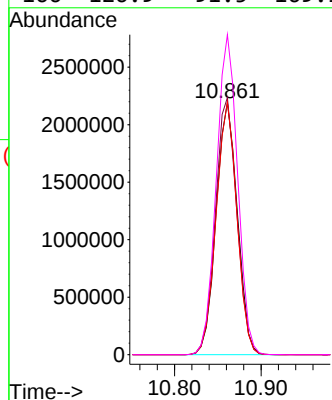
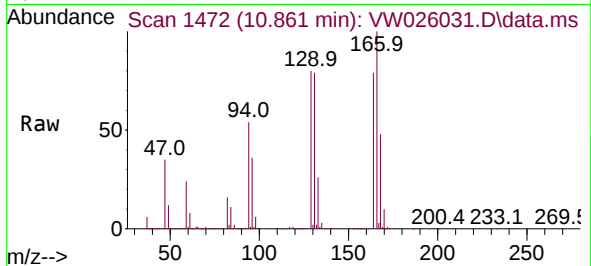




#46
Tetrachloroethene
Concen: 681.514 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026031.D
Acq: 24 May 2023 15:13

Instrument :
MSVOA_W
ClientSampleId :
C11G3RE

Tgt Ion:164 Resp: 3736351
Ion Ratio Lower Upper
164 100
129 101.9 74.3 138.1
131 100.1 71.3 132.3
166 126.9 91.5 169.9



#48
2-Hexanone
Concen: 3.541 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.042 min
Lab File: VW026031.D
Acq: 24 May 2023 15:13

Tgt Ion: 43 Resp: 13739
Ion Ratio Lower Upper
43 100
58 17.7 40.8 61.2#
57 28.6 13.6 20.4#
100 1.3 8.0 12.0#

