

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072824\  
 Data File : VX042609.D  
 Acq On : 26 Jul 2024 19:39  
 Operator : JC/MD  
 Sample : P3334-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jul 27 01:35:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML072624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 27 01:23:37 2024  
 Response via : Initial Calibration

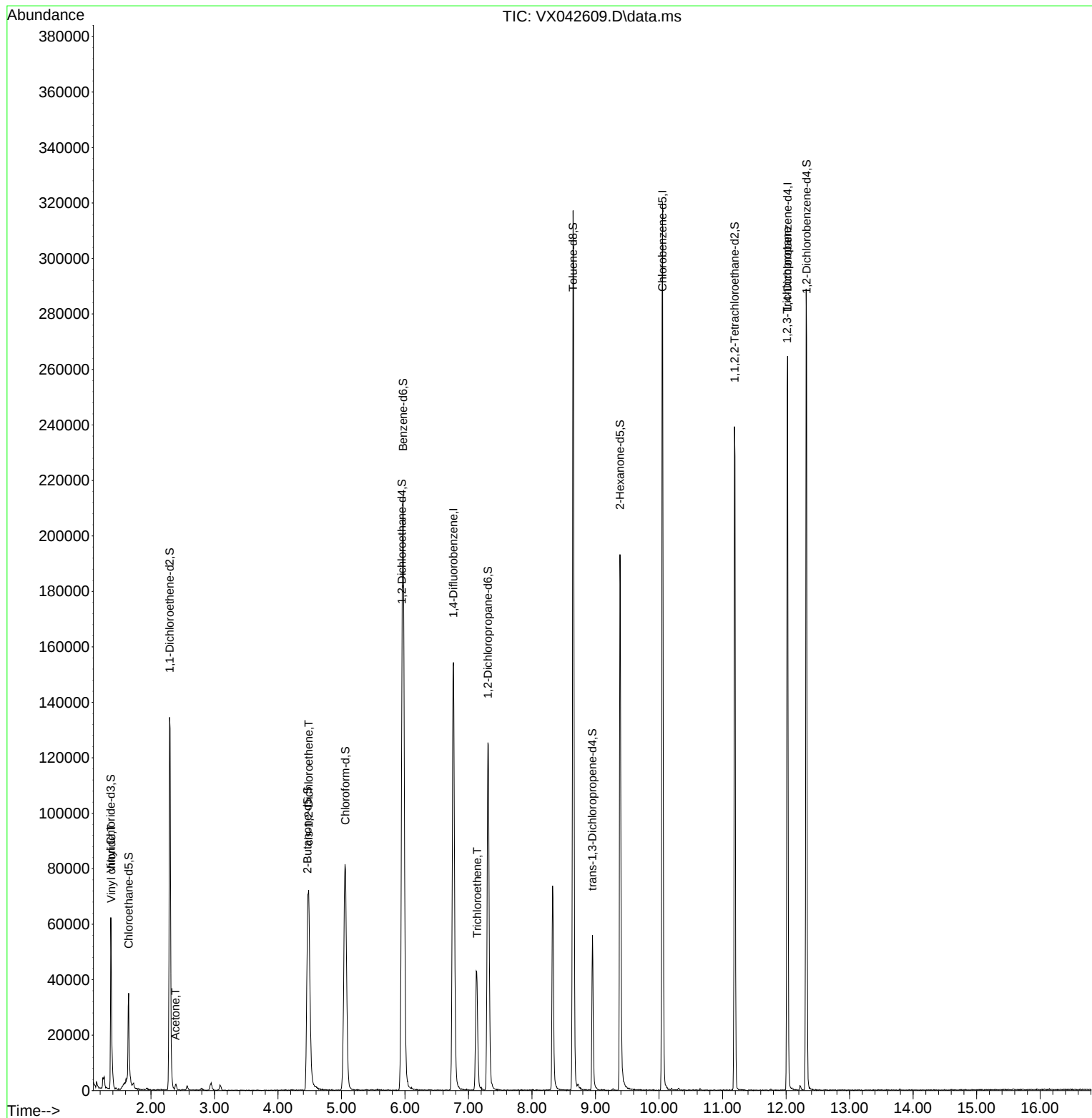
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 165312   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 148257   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 56636    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 45038    | 44.844   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 89.680%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 19478    | 47.065   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 94.120%  |
| 11) 1,1-Dichloroethene-d2     | 2.294   | 65    | 23770    | 48.036   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 96.080%  |
| 21) 2-Butanone-d5             | 4.465   | 46    | 78114    | 104.940  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 104.940% |
| 24) Chloroform-d              | 5.062   | 84    | 109082   | 49.621   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 99.240%  |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 72604    | 51.194   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.380% |
| 32) Benzene-d6                | 5.970   | 84    | 215100   | 52.277   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 104.560% |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 65006    | 53.381   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 106.760% |
| 41) Toluene-d8                | 8.647   | 98    | 189901   | 51.475   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.960% |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 26702    | 46.856   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 93.720%  |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 58192    | 106.880  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 106.880% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 91852    | 52.386   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 104.780% |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 59706    | 55.782   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 111.560% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.374   | 62    | 1655     | 1.442    | ug/L # | 29       |
| 13) Acetone                   | 2.386   | 43    | 2336     | 4.015    | ug/L   | 93       |
| 20) cis-1,2-Dichloroethene    | 4.483   | 96    | 26502    | 21.156   | ug/L   | 98       |
| 34) Trichloroethene           | 7.135   | 95    | 17593    | 14.514   | ug/L   | 90       |
| 61) 1,2,3-Trichloropropane    | 12.018  | 75    | 7351     | 5.610    | ug/L # | 65       |
| -----                         |         |       |          |          |        |          |

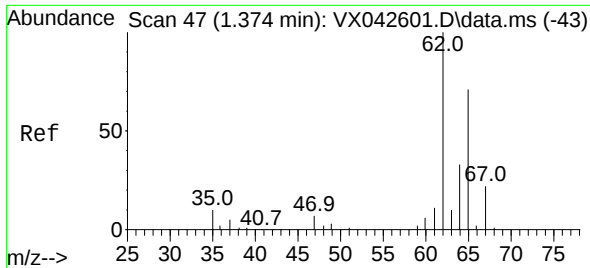
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :

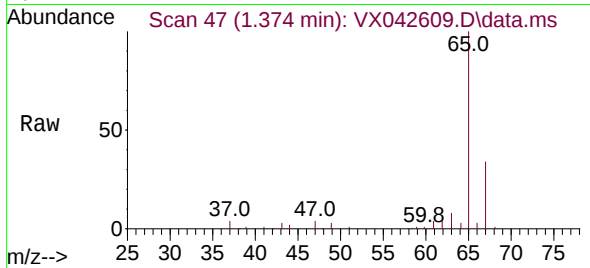
Quant Time: Jul 27 01:35:30 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML072624WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Jul 27 01:23:37 2024  
Response via : Initial Calibration



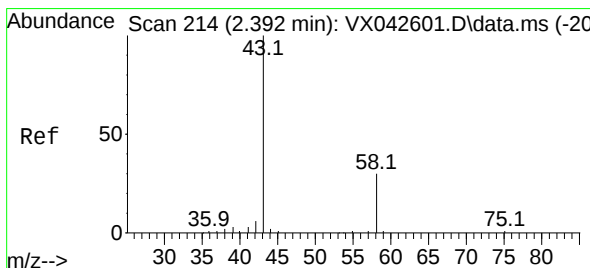
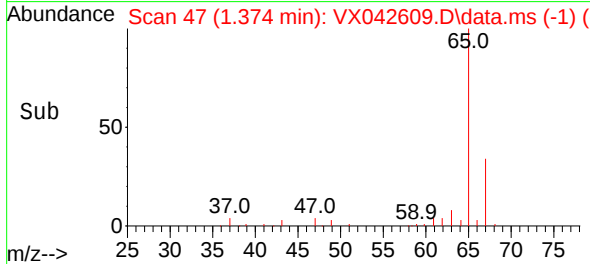
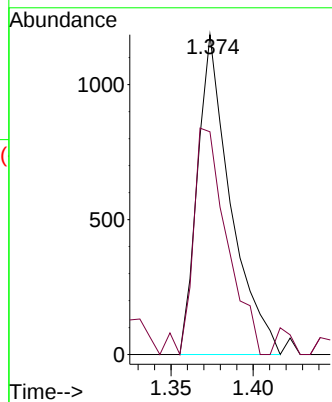


#5  
 Vinyl chloride  
 Concen: 1.442 ug/L  
 RT: 1.374 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX042609.D  
 Acq: 26 Jul 2024 19:39

Instrument :  
 MSVOA\_X  
 ClientSampleId :

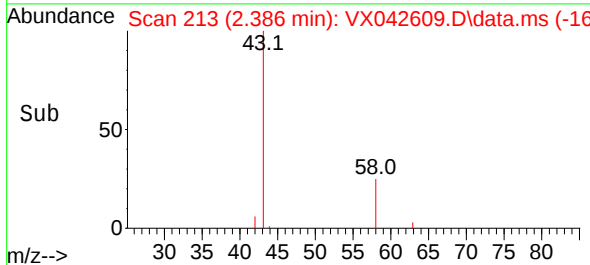
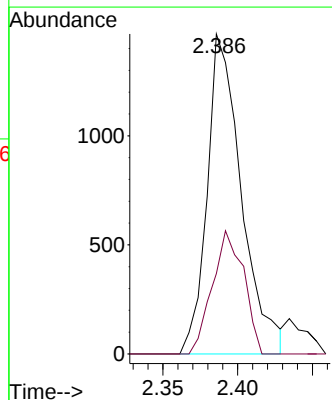
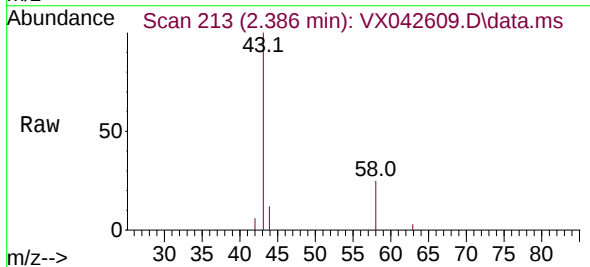


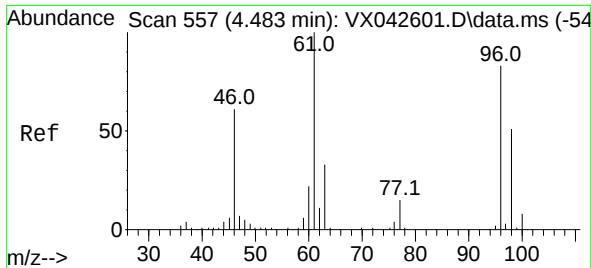
Tgt Ion: 62 Resp: 1655  
 Ion Ratio Lower Upper  
 62 100  
 64 69.6 21.6 40.0#



#13  
 Acetone  
 Concen: 4.015 ug/L  
 RT: 2.386 min Scan# 213  
 Delta R.T. -0.006 min  
 Lab File: VX042609.D  
 Acq: 26 Jul 2024 19:39

Tgt Ion: 43 Resp: 2336  
 Ion Ratio Lower Upper  
 43 100  
 58 35.1 0.0 62.4

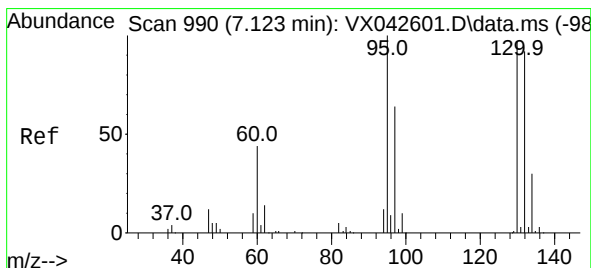
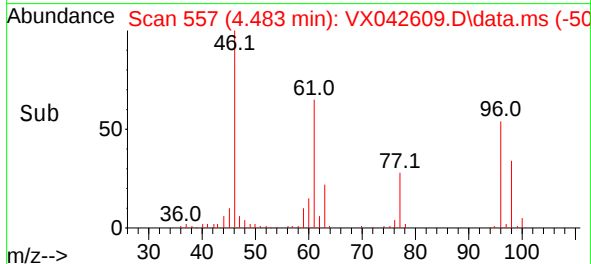
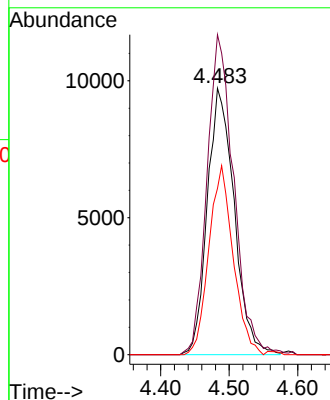
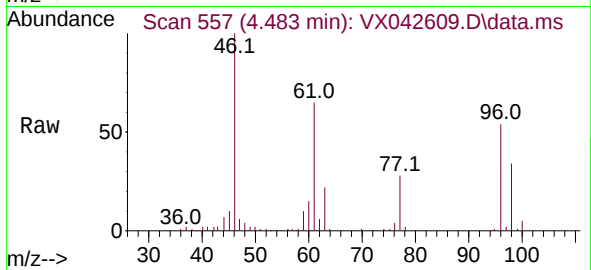




#20  
cis-1,2-Dichloroethene  
Concen: 21.156 ug/L  
RT: 4.483 min Scan# 557  
Delta R.T. 0.000 min  
Lab File: VX042609.D  
Acq: 26 Jul 2024 19:39

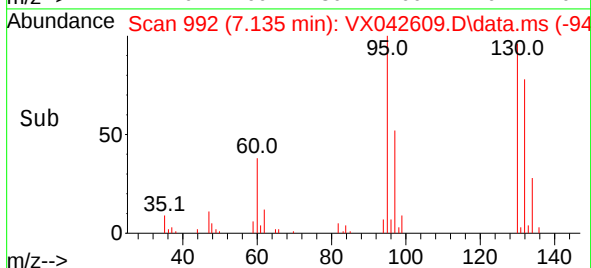
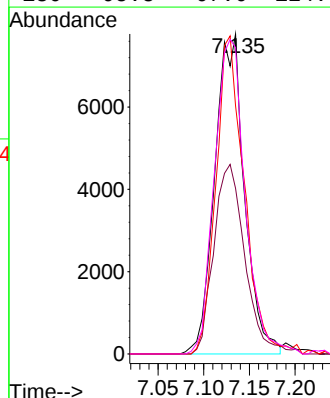
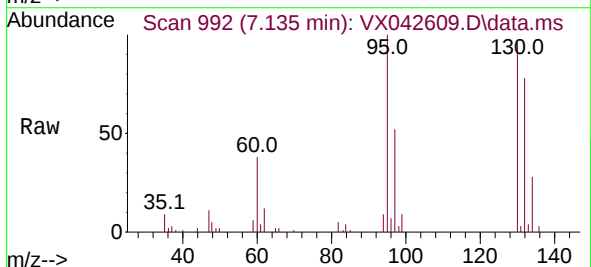
Instrument :  
MSVOA\_X  
ClientSampleId :

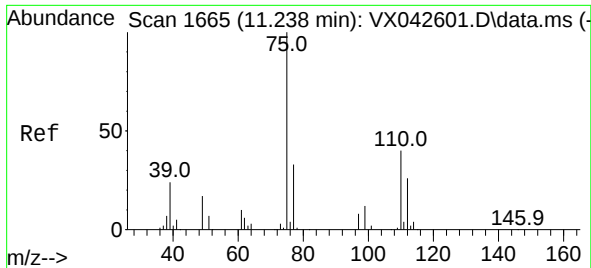
Tgt Ion: 96 Resp: 26502  
Ion Ratio Lower Upper  
96 100  
61 120.1 85.3 158.3  
98 62.4 42.7 79.3



#34  
Trichloroethene  
Concen: 14.514 ug/L  
RT: 7.135 min Scan# 992  
Delta R.T. 0.012 min  
Lab File: VX042609.D  
Acq: 26 Jul 2024 19:39

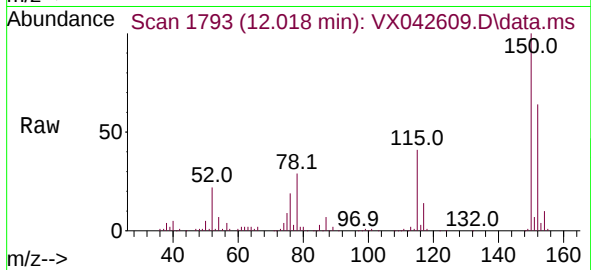
Tgt Ion: 95 Resp: 17593  
Ion Ratio Lower Upper  
95 100  
97 51.8 46.3 86.1  
132 77.5 64.3 119.5  
130 95.8 67.0 124.4





#61  
 1,2,3-Trichloropropane  
 Concen: 5.610 ug/L  
 RT: 12.018 min Scan# 11  
 Delta R.T. 0.780 min  
 Lab File: VX042609.D  
 Acq: 26 Jul 2024 19:39

Instrument :  
 MSVOA\_X  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 7351  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 31.1  | 26.2  | 39.4  |
| 110      | 3.7   | 33.0  | 49.4# |

