Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
Data File : VV022931.D
Acq On : 20 Oct 2021 14:54
Operator : SY/MD
Sample : M4200-04DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFGE4DL

Quant Time: Oct 21 02:45:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 21 02:43:59 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.619 | 114 | 118126 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.854 | 117 | 125530 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152 | 57198 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 31911 | 3.926 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 78.600% | | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 29466 | 4.035 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 80.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.108 | 63 | 40183 | 2.520 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 50.400%# | | | |
| 20) 2-Butanone-d5 | 3.892 | 46 | 121051 | 56.805 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 113.600% | | | |
| 24) Chloroform-d | 4.352 | 84 | 78189 | 4.668 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.034 | 65 | 45634 | 5.614 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 112.200% | | | |
| 32) Benzene-d6 | 5.053 | 84 | 177961 | 4.762 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.072 | 67 | 59001 | 5.331 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 106.600% | | | |
| 41) Toluene-d8 | 7.320 | 98 | 147223 | 4.557 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.200% | | | |
| 43) trans-1,3-Dichloroprop... | 7.629 | 79 | 17780 | 4.843 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 96.800% | | | |
| 46) 2-Hexanone-d5 | 8.092 | 63 | 90168 | 60.946 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 121.900% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84 | 44261 | 5.904 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 118.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.625 | 152 | 61164 | 5.767 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 115.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.307 | 62 | 925 | 0.103 | ug/L # | 38 |
| 6) Bromomethane | 1.523 | 94 | 224 | 0.040 | ug/L | 92 |
| 13) Acetone | 2.346 | 43 | 1382 | 1.163 | ug/L | 95 |
| 15) Methyl Acetate | 2.458 | 43 | 831 | 0.244 | ug/L # | 50 |
| 16) Methylene chloride | 2.510 | 84 | 7169 | 0.730 | ug/L | 97 |
| 17) Methyl tert-butyl Ether | 2.767 | 73 | 1615 | 0.094 | ug/L # | 91 |
| 18) trans-1,2-Dichloroethene | 2.761 | 96 | 809 | 0.104 | ug/L | 91 |
| 22) cis-1,2-Dichloroethene | 3.915 | 96 | 50432 | 6.190 | ug/L | 91 |
| 25) Chloroform | 4.378 | 83 | 17872 | 1.103 | ug/L | 95 |
| 35) Methylcyclohexane | 6.072 | 83 | 14340 | 1.113 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.072 | 63 | 6359 | 0.782 | ug/L # | 84 |
| 39) cis-1,3-Dichloropropene | 6.986 | 75 | 1345 | 0.125 | ug/L # | 73 |
| 42) Toluene | 7.397 | 91 | 12045 | 0.351 | ug/L | 94 |
| 61) 1,2,3-Trichloropropane | 11.249 | 75 | 6458 | 1.625 | ug/L # | 63 |

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

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**ClientSampleId :**
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Quant Time: Oct 21 02:45:44 2021
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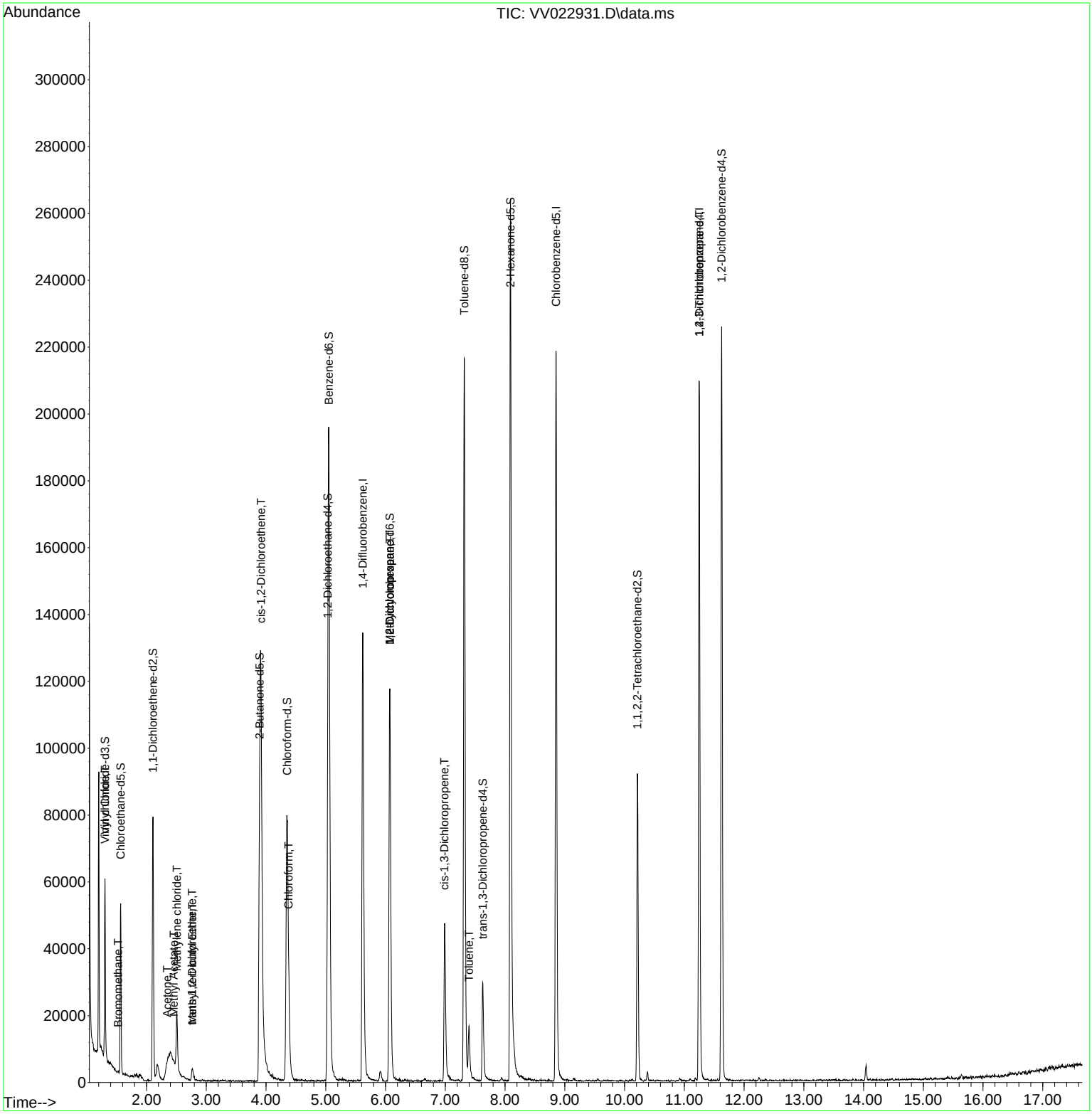
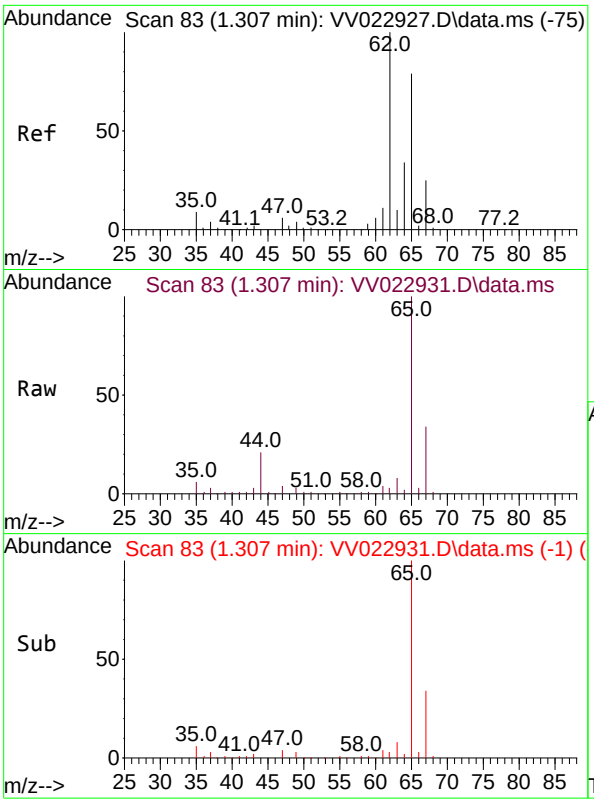
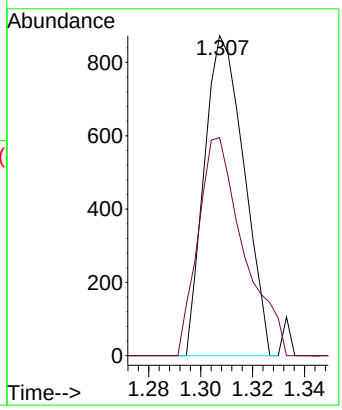




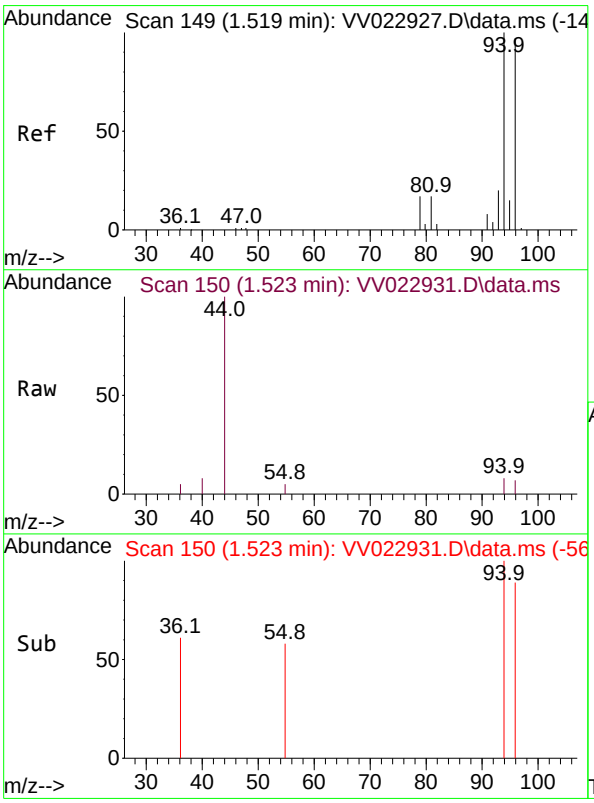

#5
Vinyl chloride
Concen: 0.103 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.000 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 62 Resp: 925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 68.2 | 23.0 | 42.8# |



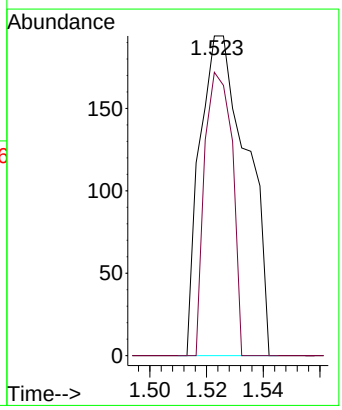

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFGE4DL



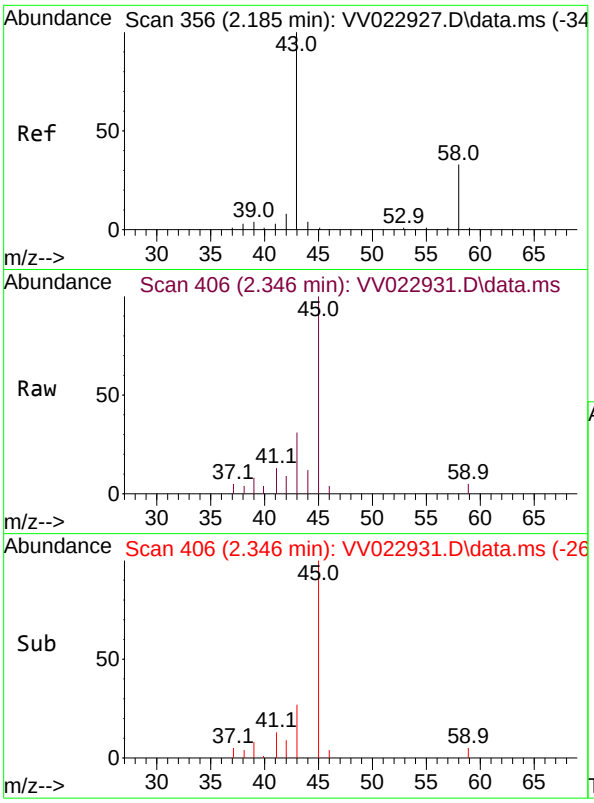

#6
Bromomethane
Concen: 0.040 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 94 Resp: 224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 88.7 | 67.2 | 124.8 |



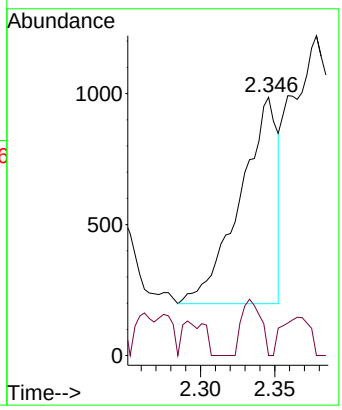
**Instrument :**
MSVOA_V
**ClientSampleId :**
BFGE4DL

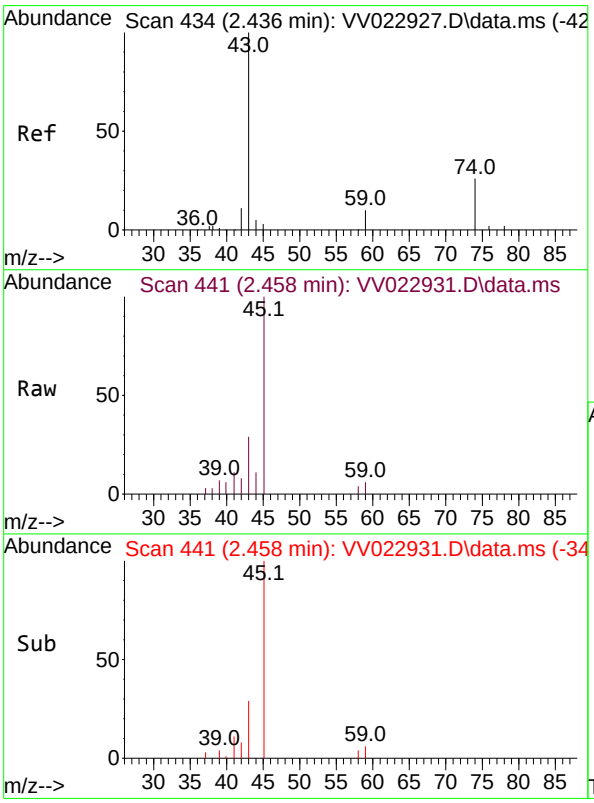



#13
Acetone
Concen: 1.163 ug/L
RT: 2.346 min Scan# 406
Delta R.T. 0.161 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 43 Resp: 1382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 13.9 | 0.0 | 24.2 |

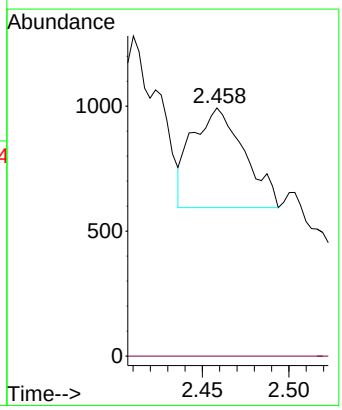



#15
Methyl Acetate
Concen: 0.244 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.023 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 43 Resp: 831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 19.9 | 29.9# |



**Instrument :**
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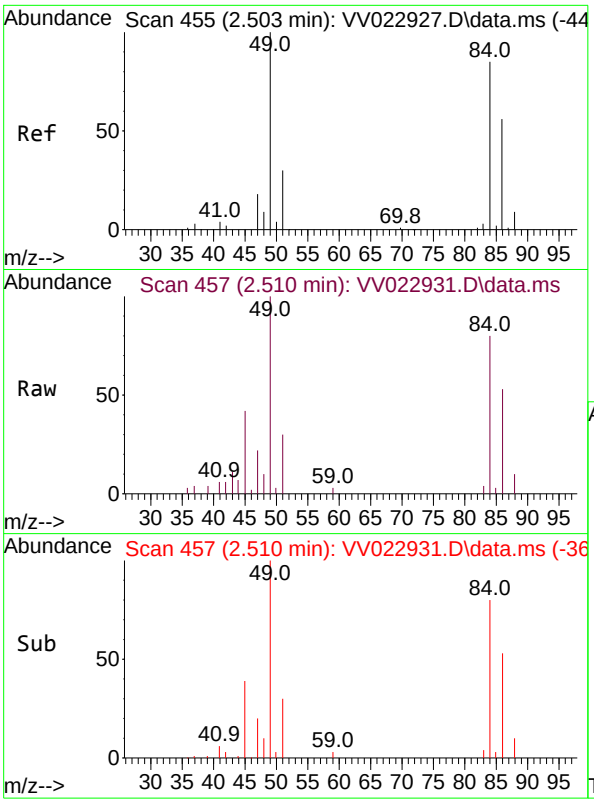
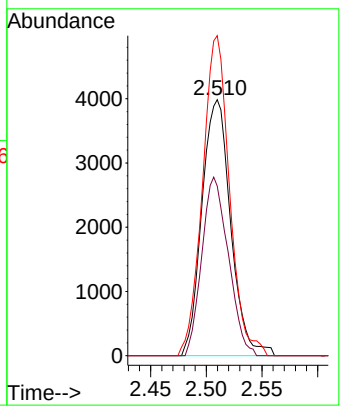
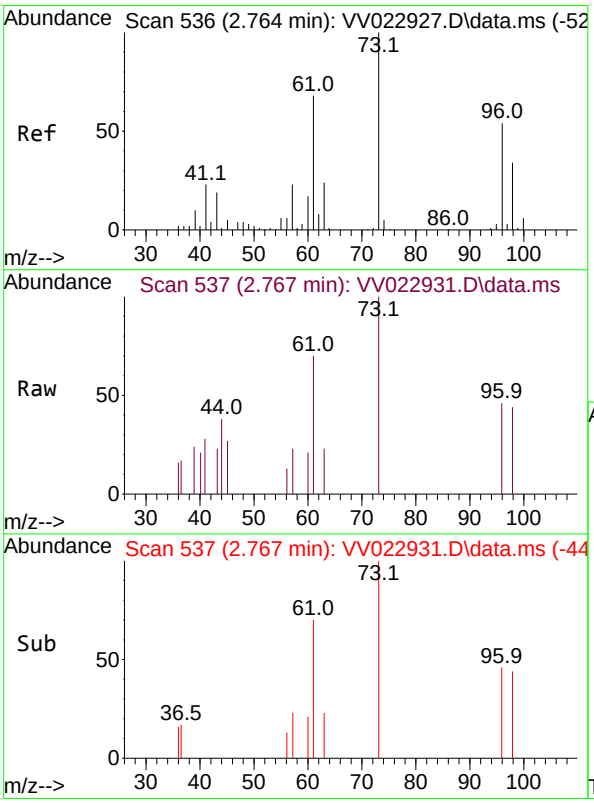



#16
Methylene chloride
Concen: 0.730 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.007 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 84 Resp: 7169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 66.2 | 45.8 | 85.2 |
| 49 | 125.0 | 90.3 | 167.7 |

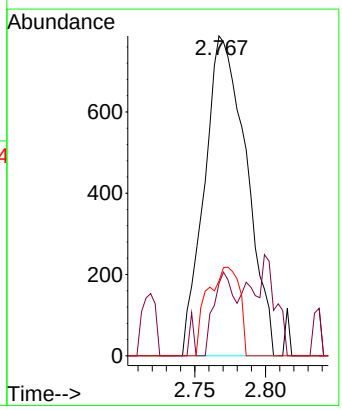



#17
Methyl tert-butyl Ether
Concen: 0.094 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 73 Resp: 1615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 12.9 | 17.1 | 25.7# |
| 57 | 21.1 | 17.2 | 25.8 |



**Instrument :**
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**ClientSampleId :**
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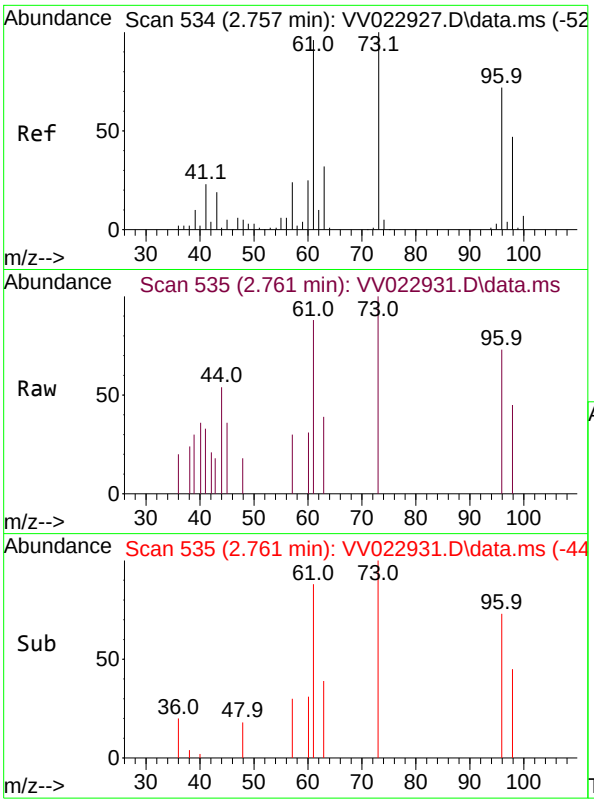
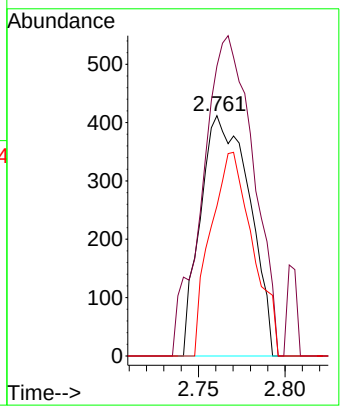
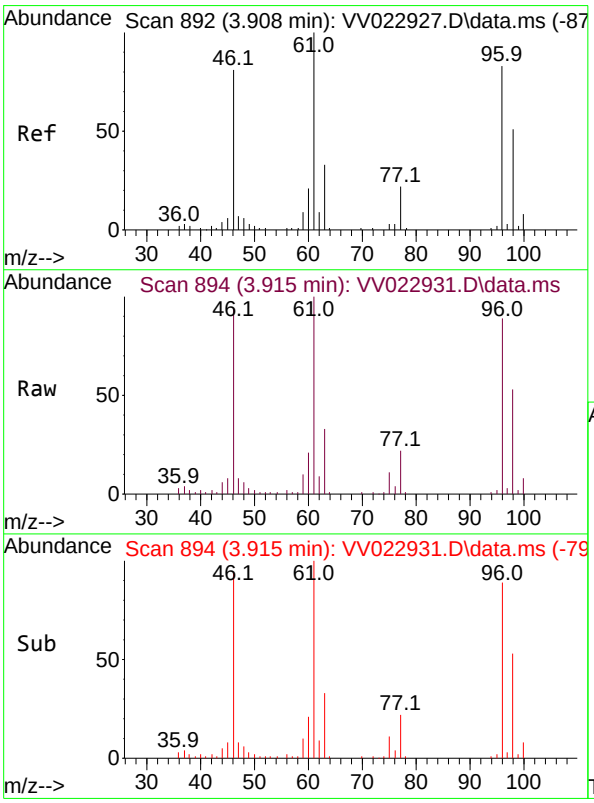



#18
trans-1,2-Dichloroethene
Concen: 0.104 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 96 Resp: 809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 120.6 | 94.5 | 175.5 |
| 98 | 62.4 | 44.2 | 82.0 |

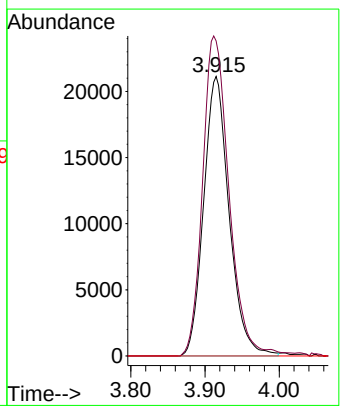


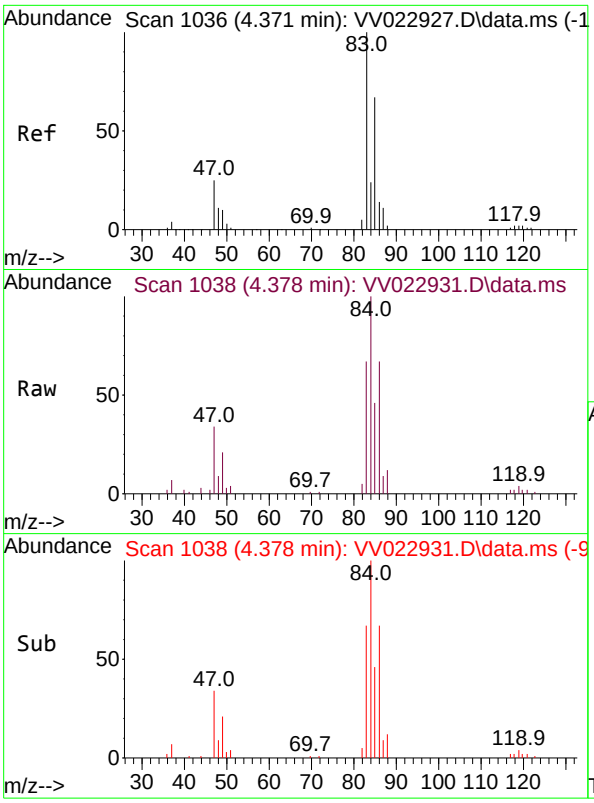




#22
cis-1,2-Dichloroethene
Concen: 6.190 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 96 Resp: 50432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 112.7 | 86.0 | 159.6 |
| 68 | 0.0 | 0.0 | 0.0 |

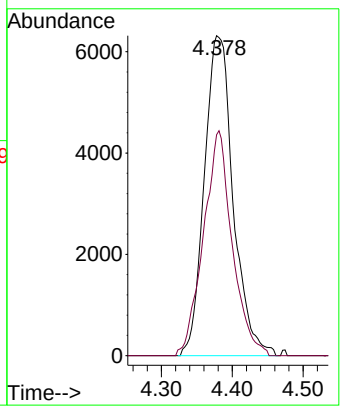





#25
Chloroform
Concen: 1.103 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 83 Resp: 17872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 69.1 | 45.7 | 84.9 |

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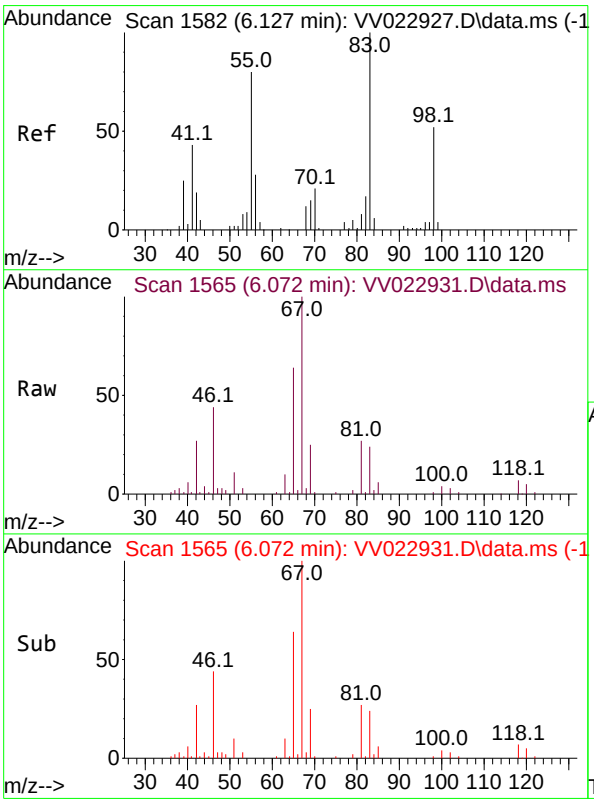
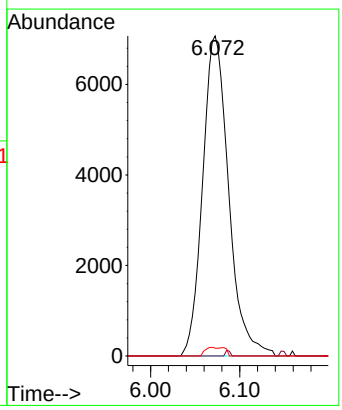



#35
Methylcyclohexane
Concen: 1.113 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 83 Resp: 14340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.3 | 63.8 | 95.6# |
| 98 | 1.3 | 42.1 | 63.1# |



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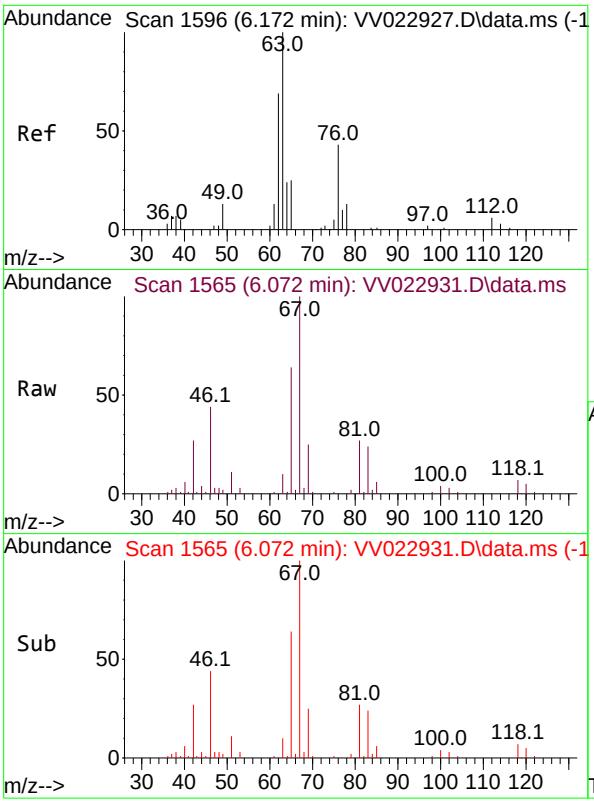
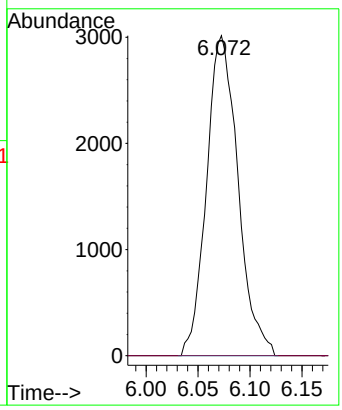
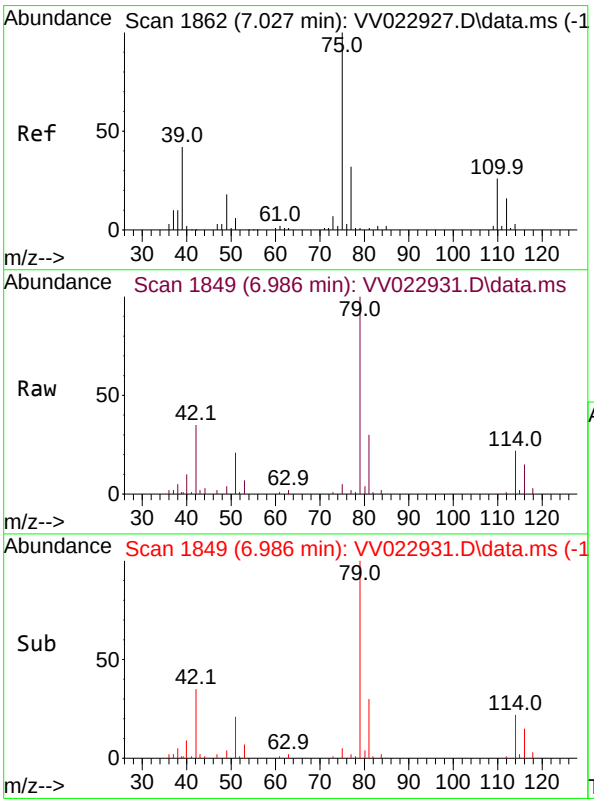



#37
1,2-Dichloropropane
Concen: 0.782 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 63 Resp: 6359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.3 | 4.4 | 6.6# |

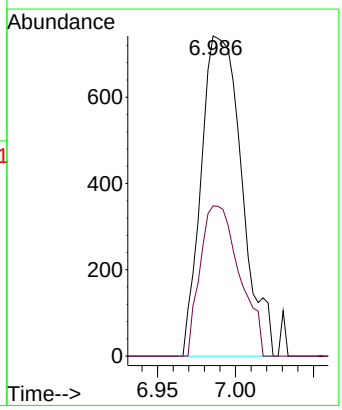



#39
cis-1,3-Dichloropropene
Concen: 0.125 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 75 Resp: 1345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.9 | 22.3 | 41.3# |



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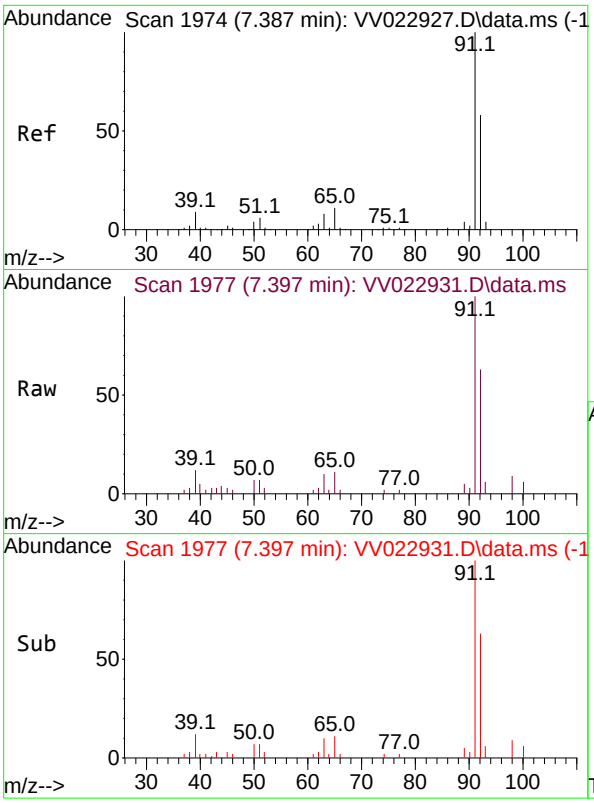
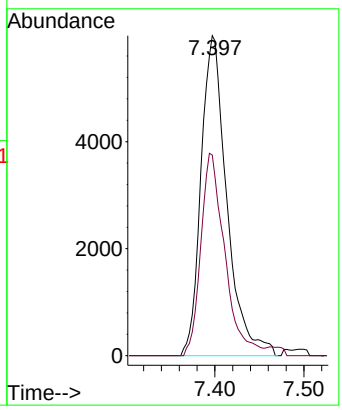
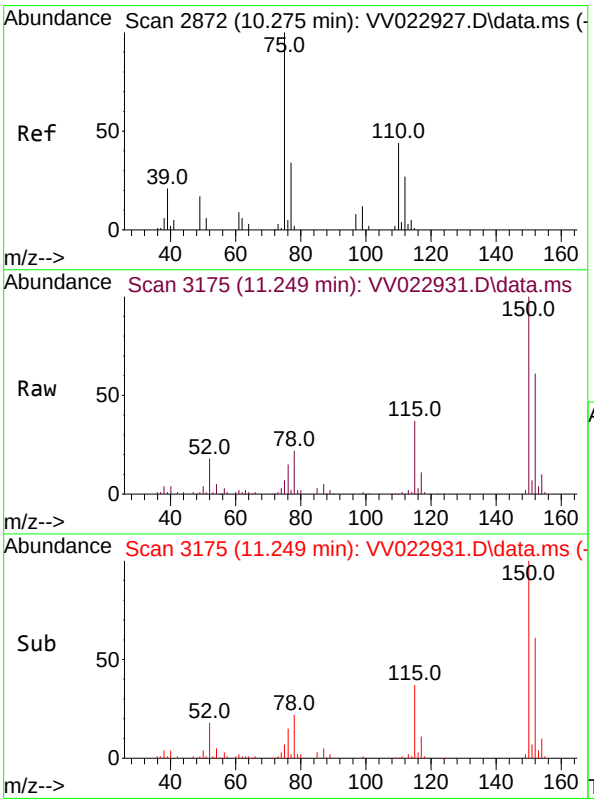



#42
Toluene
Concen: 0.351 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 91 Resp: 12045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 62.7 | 40.7 | 75.7 |




#61
1,2,3-Trichloropropane
Concen: 1.625 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 75 Resp: 6458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.3 | 25.4 | 38.2 |
| 110 | 2.6 | 34.2 | 51.4# |