

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\  
 Data File : VW010518.D  
 Acq On : 22 May 2019 18:45  
 Operator : SY/VA  
 Sample : K2994-02  
 Misc : 5.33G/5ML/MSVOA W/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-8-S2

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
 Title : SW846 8260

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.958       | 5             | 9           | 11           | rBV      | 2510           | 3685          | 1.07%           | 0.200%        |
| 2         | 2.147       | 33            | 40          | 48           | rBV3     | 1696           | 4261          | 1.24%           | 0.231%        |
| 3         | 2.629       | 114           | 119         | 126          | rBV3     | 5714           | 11249         | 3.28%           | 0.609%        |
| 4         | 4.123       | 358           | 364         | 375          | rBV      | 2642           | 6875          | 2.00%           | 0.372%        |
| 5         | 4.379       | 395           | 406         | 417          | rVB2     | 3715           | 10784         | 3.14%           | 0.584%        |
| 6         | 4.921       | 484           | 495         | 500          | rBV3     | 3914           | 12580         | 3.66%           | 0.681%        |
| 7         | 5.007       | 500           | 509         | 522          | rVB3     | 10163          | 35733         | 10.40%          | 1.935%        |
| 8         | 5.939       | 654           | 662         | 668          | rBV2     | 1714           | 4542          | 1.32%           | 0.246%        |
| 9         | 7.140       | 848           | 859         | 868          | rBV      | 11171          | 32082         | 9.34%           | 1.737%        |
| 10        | 7.884       | 972           | 981         | 986          | rBV      | 44843          | 106161        | 30.91%          | 5.749%        |
| 11        | 7.945       | 986           | 991         | 1002         | rVB      | 82387          | 183758        | 53.50%          | 9.951%        |
| 12        | 8.305       | 1040          | 1050        | 1059         | rBV      | 41474          | 93788         | 27.31%          | 5.079%        |
| 13        | 8.841       | 1131          | 1138        | 1147         | rBV      | 125351         | 240422        | 70.00%          | 13.020%       |
| 14        | 10.323      | 1372          | 1381        | 1389         | rBV      | 198826         | 343461        | 100.00%         | 18.600%       |
| 15        | 10.707      | 1435          | 1444        | 1452         | rBV      | 3453           | 6178          | 1.80%           | 0.335%        |
| 16        | 11.633      | 1587          | 1596        | 1611         | rVB      | 162334         | 274158        | 79.82%          | 14.847%       |
| 17        | 12.621      | 1751          | 1758        | 1766         | rBV      | 127099         | 209138        | 60.89%          | 11.326%       |
| 18        | 13.475      | 1892          | 1898        | 1903         | rBV      | 11477          | 18042         | 5.25%           | 0.977%        |
| 19        | 13.560      | 1905          | 1912        | 1922         | rVB      | 151362         | 244620        | 71.22%          | 13.247%       |
| 20        | 14.078      | 1991          | 1997        | 2002         | rVB      | 2923           | 5046          | 1.47%           | 0.273%        |

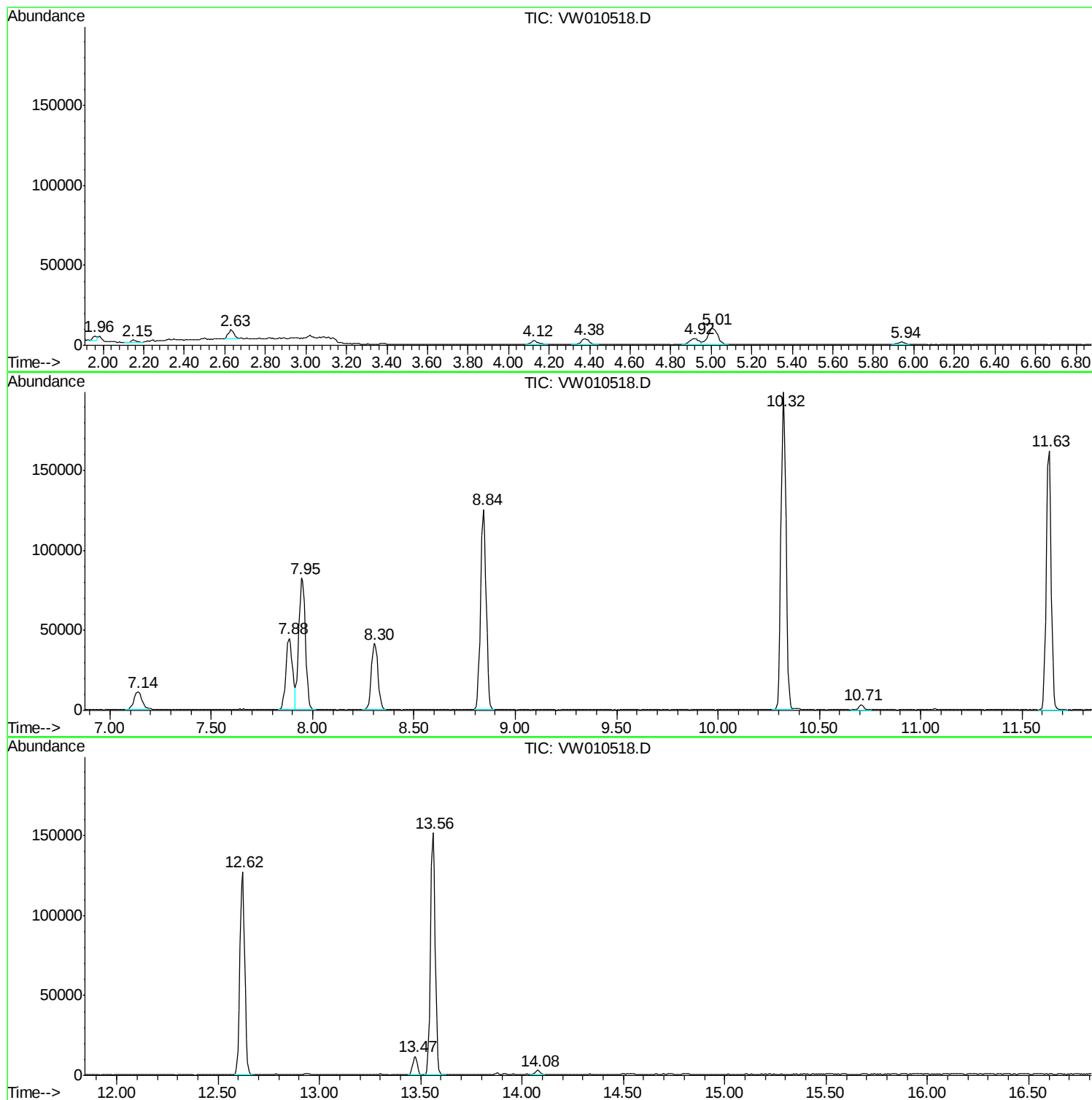
Sum of corrected areas: 1846563

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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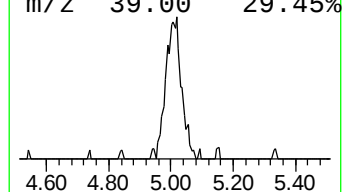
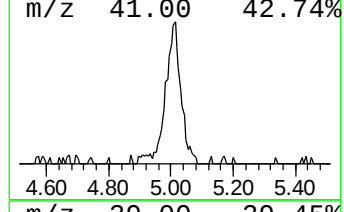
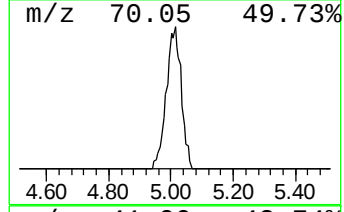
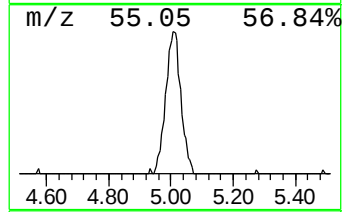
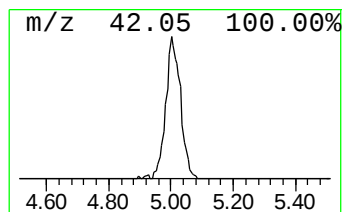
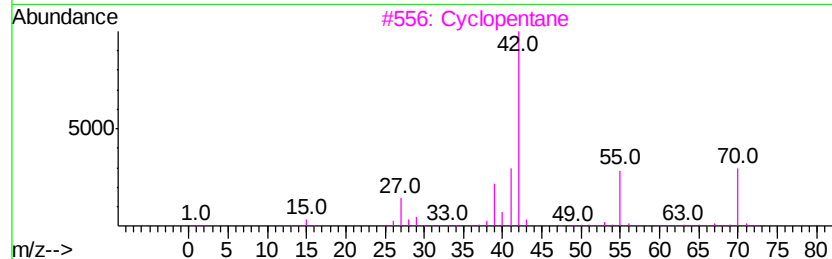
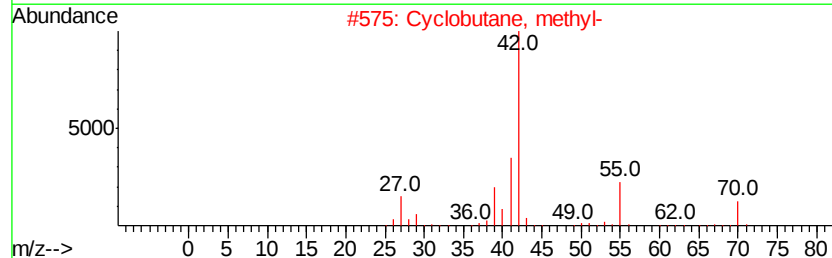
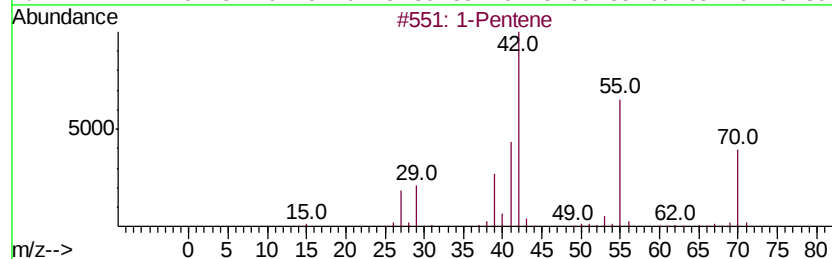
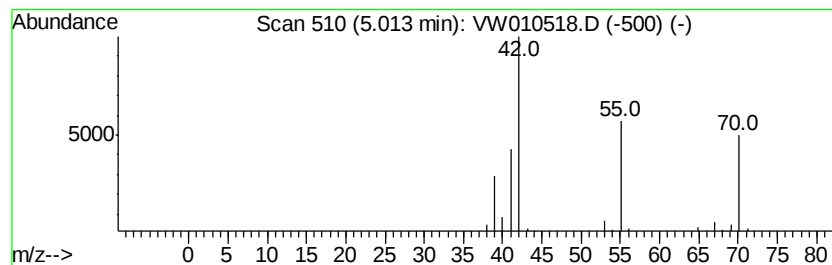
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 1-Pentene Concentration Rank 1

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 5.01 | 9.72 ug/l | 35733 | Pentafluorobenzene | 7.95 |

| Hit# | of | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|----------------------|----|---------|-------------|------|
| 1    | 5  | 1-Pentene            | 70 | C5H10   | 000109-67-1 | 91   |
| 2    |    | Cyclobutane, methyl- | 70 | C5H10   | 000598-61-8 | 86   |
| 3    |    | Cyclopentane         | 70 | C5H10   | 000287-92-3 | 83   |
| 4    |    | Cyclopropane, ethyl- | 70 | C5H10   | 001191-96-4 | 64   |
| 5    |    | 2-Pentene, (Z)-      | 70 | C5H10   | 000627-20-3 | 56   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| 1-Pentene        | 5.01 | 9.7     | ug/l  | 35733    | 1                     | 7.95 | 183758 | 50.0 |