

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\  
 Data File : VW012303.D  
 Acq On : 29 Aug 2019 15:12  
 Operator : SY/VA  
 Sample : K4596-01  
 Misc : 4.70G/5ML/MSVOA W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 S403-K1-1.0-1.5-082819

## 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\82W082319S.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         | 2.148       | 34            | 40          | 46           | rBV      | 10313          | 18941         | 1.43%           | 0.224%        |
| 2         | 4.916       | 482           | 494         | 515          | rBV2     | 22070          | 84457         | 6.39%           | 0.999%        |
| 3         | 5.940       | 651           | 662         | 672          | rVB4     | 5624           | 17228         | 1.30%           | 0.204%        |
| 4         | 7.147       | 849           | 860         | 872          | rBV      | 56174          | 164674        | 12.46%          | 1.948%        |
| 5         | 7.885       | 966           | 981         | 985          | rBV      | 167049         | 387720        | 29.34%          | 4.586%        |
| 6         | 7.946       | 985           | 991         | 1002         | rVB      | 323015         | 719329        | 54.43%          | 8.509%        |
| 7         | 8.305       | 1032          | 1050        | 1060         | rBV      | 185649         | 416280        | 31.50%          | 4.924%        |
| 8         | 8.842       | 1126          | 1138        | 1150         | rBV      | 497342         | 984429        | 74.49%          | 11.645%       |
| 9         | 10.323      | 1373          | 1381        | 1389         | rBV      | 755842         | 1321609       | 100.00%         | 15.633%       |
| 10        | 10.701      | 1437          | 1443        | 1450         | rBV2     | 15863          | 29986         | 2.27%           | 0.355%        |
| 11        | 11.628      | 1588          | 1595        | 1606         | rBV      | 612349         | 1050762       | 79.51%          | 12.429%       |
| 12        | 12.469      | 1723          | 1733        | 1742         | rBV      | 785484         | 1289385       | 97.56%          | 15.252%       |
| 13        | 12.615      | 1749          | 1757        | 1766         | rBV2     | 494086         | 829286        | 62.75%          | 9.810%        |
| 14        | 12.719      | 1766          | 1774        | 1782         | rVB2     | 79713          | 137845        | 10.43%          | 1.631%        |
| 15        | 12.957      | 1804          | 1813        | 1818         | rBV6     | 9483           | 23438         | 1.77%           | 0.277%        |
| 16        | 13.024      | 1818          | 1824        | 1832         | rBV2     | 30532          | 50638         | 3.83%           | 0.599%        |
| 17        | 13.560      | 1905          | 1912        | 1919         | rVB      | 518649         | 863273        | 65.32%          | 10.212%       |
| 18        | 14.072      | 1990          | 1996        | 2002         | rVB      | 19788          | 33787         | 2.56%           | 0.400%        |
| 19        | 14.731      | 2093          | 2104        | 2111         | rBV5     | 7612           | 15767         | 1.19%           | 0.187%        |
| 20        | 15.304      | 2192          | 2198        | 2206         | rVB2     | 8922           | 15014         | 1.14%           | 0.178%        |

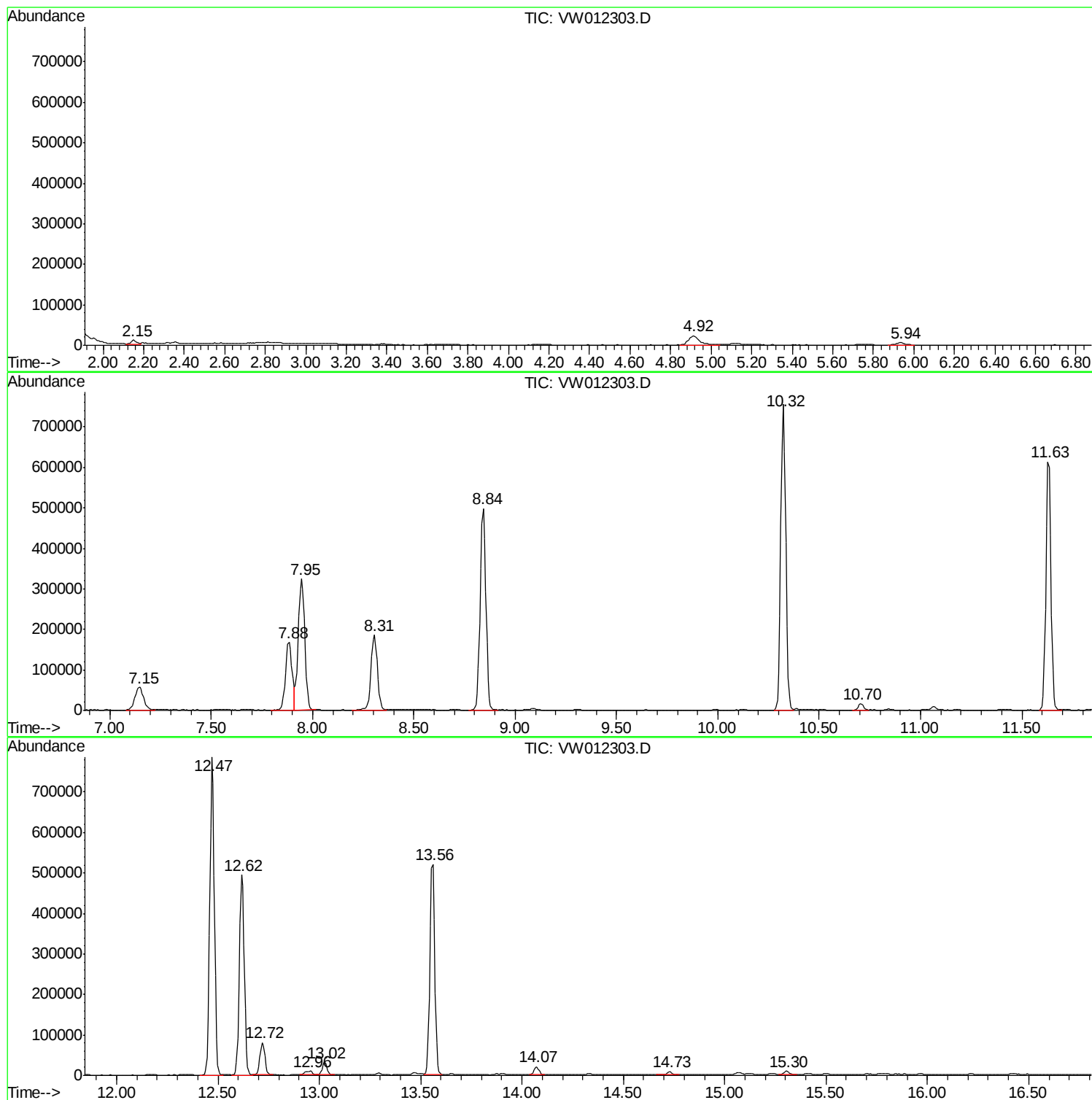
Sum of corrected areas: 8453848

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W082319S.M  
Quant Title : SW846 8260

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



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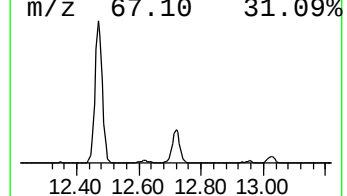
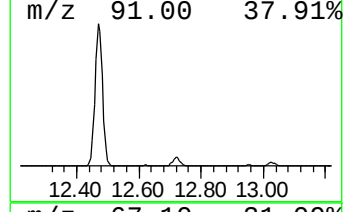
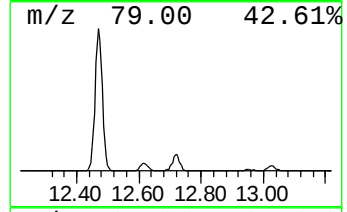
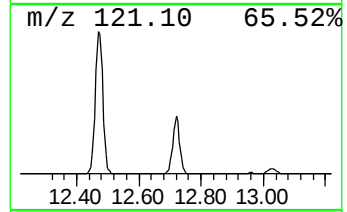
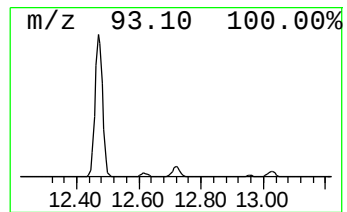
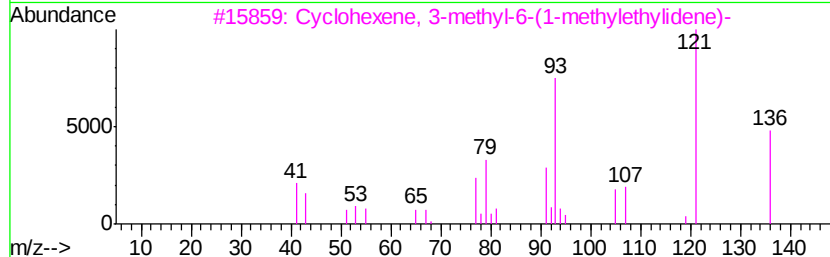
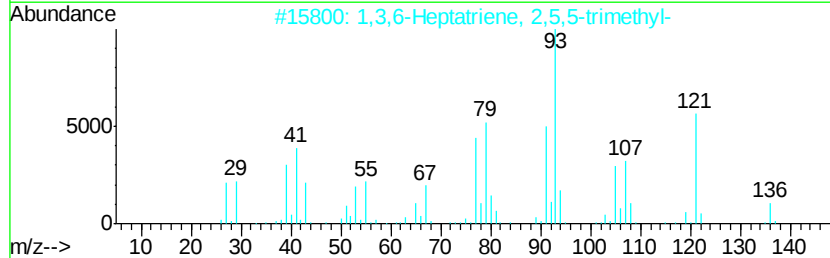
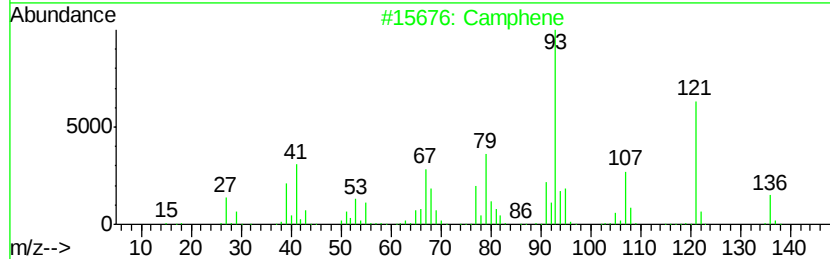
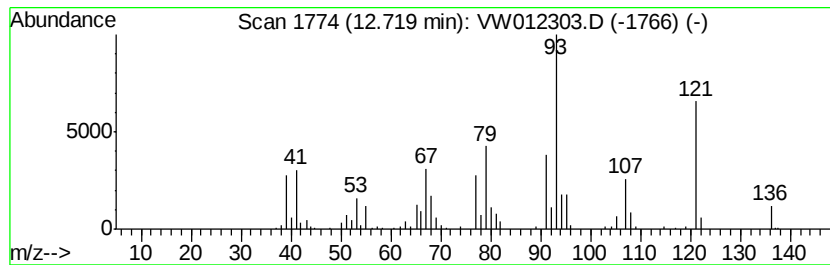
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W082319S.M  
Quant Title : SW846 8260

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

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Peak Number 2 Camphene Concentration Rank 2

| R.T.    | EstConc                               | Area         | Relative to ISTD       | R.T.    |             |      |
|---------|---------------------------------------|--------------|------------------------|---------|-------------|------|
| 12.72   | 7.98 ug/l                             | 137845       | 1,4-Dichlorobenzene-d4 | 13.56   |             |      |
| Hit# of | 5                                     | Tentative ID | MW                     | MolForm | CAS#        | Qual |
| 1       | Camphene                              |              | 136                    | C10H16  | 000079-92-5 | 97   |
| 2       | 1,3,6-Heptatriene, 2,5,5-trimethyl-   |              | 136                    | C10H16  | 029548-02-5 | 91   |
| 3       | Cyclohexene, 3-methyl-6-(1-methyl-... |              | 136                    | C10H16  | 000586-63-0 | 87   |
| 4       | 2-Carene                              |              | 136                    | C10H16  | 000554-61-0 | 86   |
| 5       | Cyclohexene, 1-methyl-4-(1-methyl-... |              | 136                    | C10H16  | 000586-62-9 | 80   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Camphene         | 12.72 | 8.0     | ug/l  | 137845   | 4                     | 13.56 | 863273 | 50.0 |