

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV121619\  
 Data File : VV014073.D  
 Acq On : 16 Dec 2019 15:35  
 Operator : SY/MD  
 Sample : K6275-06  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFDS2

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.1  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112219WMA.M  
 Title : TRACE VOA SOM01.0

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         | 1.116       | 3             | 8           | 23           | rVB      | 351572         | 335028        | 27.39%          | 2.978%        |
| 2         | 1.228       | 34            | 43          | 49           | rBV2     | 54334          | 57863         | 4.73%           | 0.514%        |
| 3         | 1.315       | 61            | 70          | 82           | rVB2     | 282441         | 353541        | 28.91%          | 3.142%        |
| 4         | 1.582       | 145           | 153         | 166          | rVB      | 154048         | 181224        | 14.82%          | 1.611%        |
| 5         | 1.646       | 168           | 173         | 182          | rVB2     | 21824          | 26142         | 2.14%           | 0.232%        |
| 6         | 1.724       | 193           | 197         | 204          | rVB      | 13791          | 13361         | 1.09%           | 0.119%        |
| 7         | 1.782       | 209           | 215         | 221          | rVV2     | 30330          | 37695         | 3.08%           | 0.335%        |
| 8         | 1.823       | 222           | 228         | 239          | rVB2     | 27528          | 35484         | 2.90%           | 0.315%        |
| 9         | 1.955       | 263           | 269         | 278          | rVB      | 24079          | 33067         | 2.70%           | 0.294%        |
| 10        | 2.129       | 314           | 323         | 335          | rVV      | 256487         | 378088        | 30.92%          | 3.360%        |
| 11        | 2.187       | 336           | 341         | 356          | rVB      | 17790          | 29785         | 2.44%           | 0.265%        |
| 12        | 2.315       | 374           | 381         | 395          | rVB      | 18335          | 29347         | 2.40%           | 0.261%        |
| 13        | 2.801       | 517           | 532         | 544          | rBV2     | 63655          | 135503        | 11.08%          | 1.204%        |
| 14        | 3.074       | 610           | 617         | 631          | rVB2     | 6610           | 14830         | 1.21%           | 0.132%        |
| 15        | 3.926       | 870           | 882         | 910          | rBV      | 191266         | 576706        | 47.16%          | 5.125%        |
| 16        | 4.396       | 1011          | 1028        | 1056         | rBV3     | 183274         | 506051        | 41.38%          | 4.497%        |
| 17        | 5.093       | 1226          | 1245        | 1266         | rBV2     | 418332         | 1063220       | 86.94%          | 9.449%        |
| 18        | 5.659       | 1408          | 1421        | 1440         | rBV      | 431421         | 862712        | 70.54%          | 7.667%        |
| 19        | 5.955       | 1499          | 1513        | 1539         | rBV      | 333063         | 669053        | 54.71%          | 5.946%        |
| 20        | 6.113       | 1549          | 1562        | 1577         | rBV      | 256343         | 513120        | 41.96%          | 4.560%        |
| 21        | 7.026       | 1834          | 1846        | 1863         | rBV      | 116509         | 209911        | 17.16%          | 1.866%        |
| 22        | 7.357       | 1937          | 1949        | 1965         | rBV      | 408132         | 699280        | 57.18%          | 6.215%        |
| 23        | 7.662       | 2032          | 2044        | 2068         | rBV      | 68294          | 133064        | 10.88%          | 1.183%        |
| 24        | 8.019       | 2144          | 2155        | 2165         | rVB      | 7633           | 16035         | 1.31%           | 0.143%        |
| 25        | 8.129       | 2178          | 2189        | 2221         | rBV2     | 540994         | 1222974       | 100.00%         | 10.869%       |
| 26        | 8.891       | 2414          | 2426        | 2447         | rBV      | 649324         | 1068251       | 87.35%          | 9.494%        |
| 27        | 10.257      | 2837          | 2851        | 2866         | rBV      | 209426         | 341735        | 27.94%          | 3.037%        |
| 28        | 11.289      | 3161          | 3172        | 3194         | rBV      | 596572         | 932165        | 76.22%          | 8.285%        |
| 29        | 11.665      | 3276          | 3289        | 3306         | rBV      | 465647         | 757011        | 61.90%          | 6.728%        |
| 30        | 12.395      | 3504          | 3516        | 3521         | rBV      | 10900          | 19642         | 1.61%           | 0.175%        |

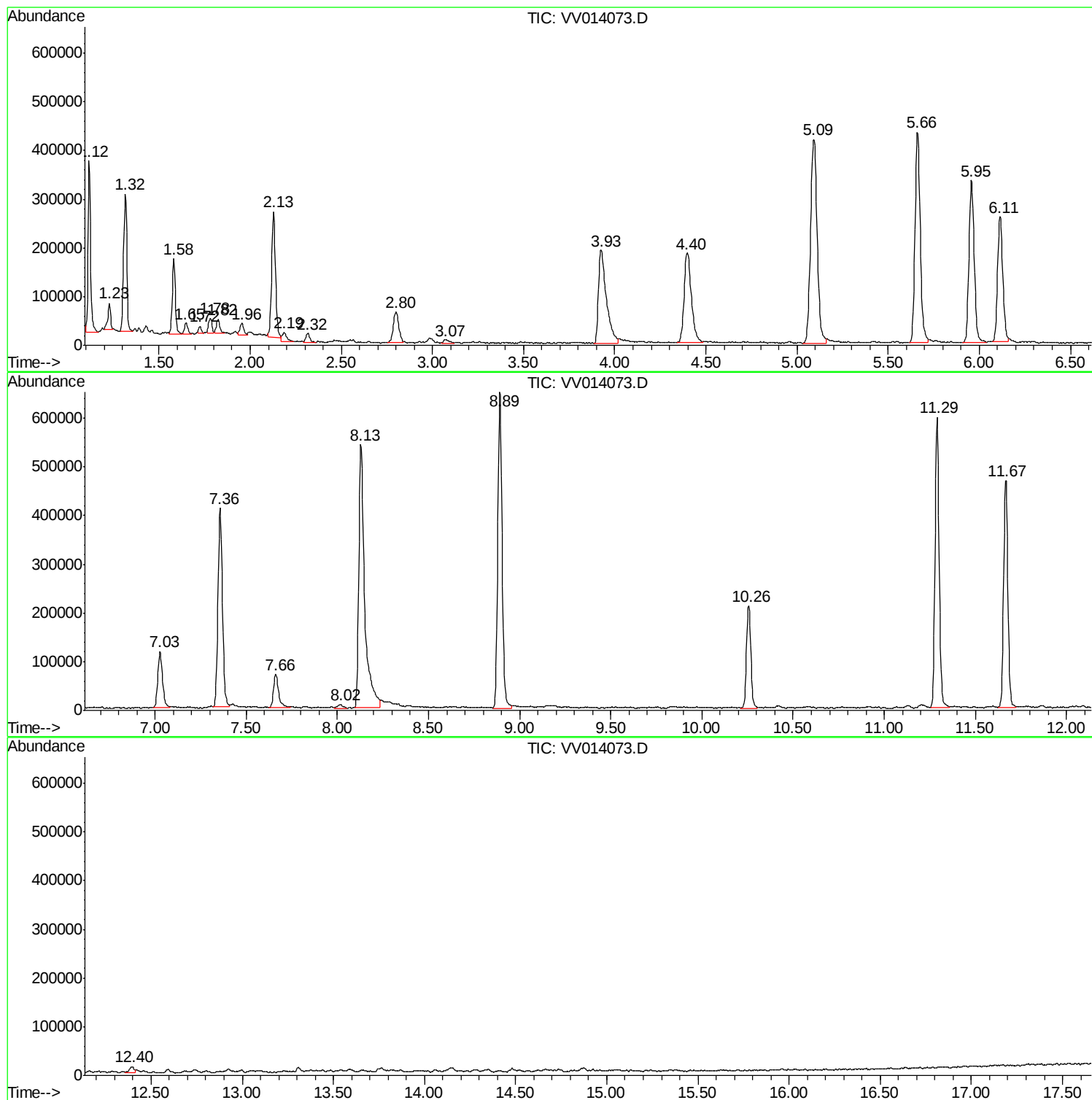
Sum of corrected areas: 11251888

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112219WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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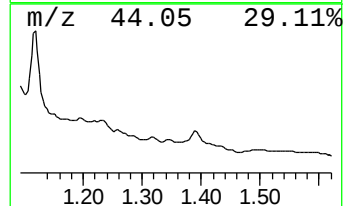
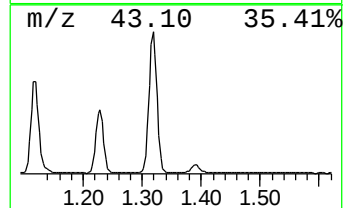
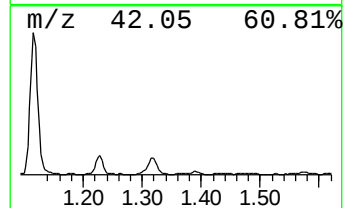
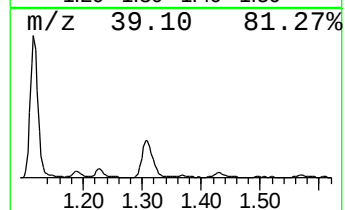
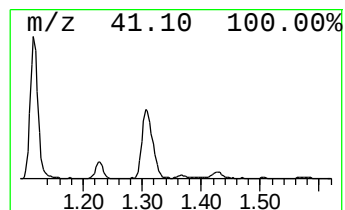
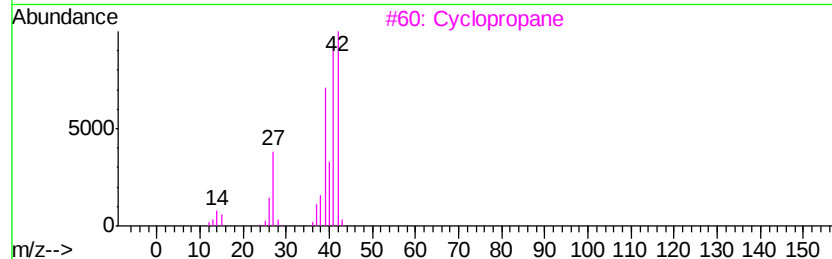
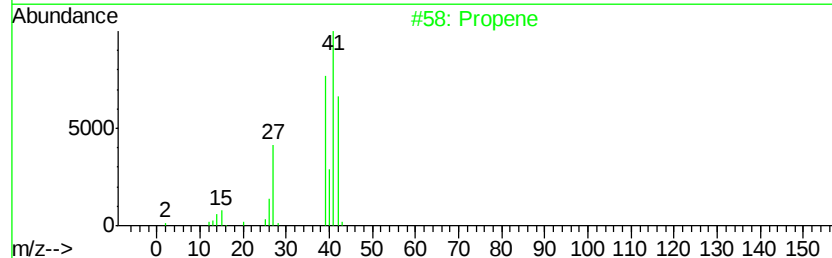
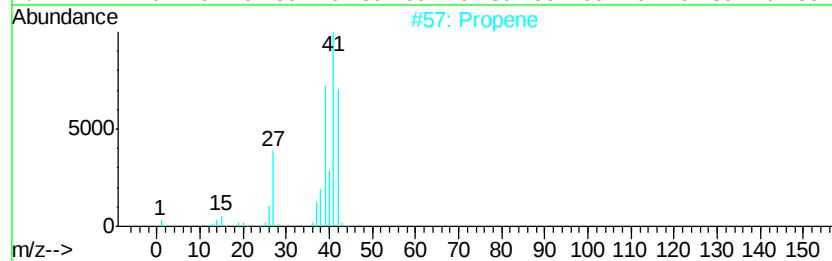
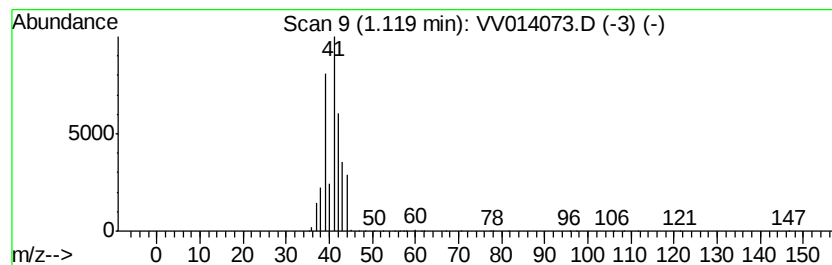
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Cyclic1.12 Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 1.12 | 1.94 ug/L | 335028 | 1,4-Difluorobenzene | 5.66 |

| Hit# | of | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------|----|---------|-------------|------|
| 1    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 90   |
| 2    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 42   |
| 3    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 9    |
| 4    |    |   | Cyclopropene | 40 | C3H4    | 002781-85-3 | 9    |
| 5    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 7    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| (DEL) Alkane: Cyc... | 1.12 | 1.9     | ug/L  | 335028   | 1                     | 5.66 | 862712 | 5.0  |