

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\  
 Data File : VW006009.D  
 Acq On : 11 Oct 2018 02:00  
 Operator : SY/AP  
 Sample : J5375-01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 0688-KM-PA-COMP

Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 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\_W\METHOD\82W100818S.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         | 1.953       | 5             | 8           | 17           | rVB2     | 10456          | 18103         | 2.10%           | 0.339%        |
| 2         | 4.123       | 355           | 364         | 371          | rBV2     | 8423           | 22439         | 2.60%           | 0.420%        |
| 3         | 4.202       | 371           | 377         | 384          | rVB      | 8388           | 21682         | 2.52%           | 0.406%        |
| 4         | 4.373       | 397           | 405         | 417          | rBV2     | 5108           | 18035         | 2.09%           | 0.338%        |
| 5         | 4.916       | 482           | 494         | 516          | rBV2     | 30837          | 121942        | 14.15%          | 2.283%        |
| 6         | 5.934       | 652           | 661         | 674          | rBV4     | 4617           | 14978         | 1.74%           | 0.280%        |
| 7         | 7.147       | 847           | 860         | 877          | rBV2     | 21748          | 73234         | 8.50%           | 1.371%        |
| 8         | 7.885       | 971           | 981         | 986          | rBV      | 126643         | 297427        | 34.51%          | 5.568%        |
| 9         | 7.952       | 986           | 992         | 1003         | rVB      | 247929         | 544514        | 63.18%          | 10.194%       |
| 10        | 8.263       | 1033          | 1043        | 1045         | rBV      | 45377          | 101776        | 11.81%          | 1.905%        |
| 11        | 8.311       | 1045          | 1051        | 1061         | rVB      | 121870         | 280208        | 32.51%          | 5.246%        |
| 12        | 8.848       | 1129          | 1139        | 1151         | rVB      | 333042         | 663136        | 76.94%          | 12.415%       |
| 13        | 10.329      | 1374          | 1382        | 1389         | rBV      | 480363         | 861895        | 100.00%         | 16.136%       |
| 14        | 10.707      | 1436          | 1444        | 1452         | rBV      | 21372          | 39265         | 4.56%           | 0.735%        |
| 15        | 11.067      | 1498          | 1503        | 1511         | rBV      | 11590          | 19227         | 2.23%           | 0.360%        |
| 16        | 11.445      | 1557          | 1565        | 1575         | rVB      | 17315          | 28834         | 3.35%           | 0.540%        |
| 17        | 11.634      | 1588          | 1596        | 1607         | rBV      | 435374         | 731131        | 84.83%          | 13.688%       |
| 18        | 12.170      | 1674          | 1684        | 1691         | rBV4     | 3581           | 8708          | 1.01%           | 0.163%        |
| 19        | 12.475      | 1726          | 1734        | 1741         | rBV5     | 7602           | 15424         | 1.79%           | 0.289%        |
| 20        | 12.622      | 1746          | 1758        | 1767         | rBV2     | 366002         | 606030        | 70.31%          | 11.346%       |
| 21        | 12.945      | 1803          | 1811        | 1823         | rVB7     | 6729           | 19103         | 2.22%           | 0.358%        |
| 22        | 13.304      | 1866          | 1870        | 1876         | rVB3     | 5614           | 8801          | 1.02%           | 0.165%        |
| 23        | 13.506      | 1897          | 1903        | 1907         | rBV      | 31147          | 47325         | 5.49%           | 0.886%        |
| 24        | 13.560      | 1907          | 1912        | 1927         | rVB      | 392417         | 650121        | 75.43%          | 12.171%       |
| 25        | 13.884      | 1959          | 1965        | 1972         | rBV9     | 4233           | 9261          | 1.07%           | 0.173%        |
| 26        | 14.079      | 1992          | 1997        | 2003         | rVB2     | 21973          | 35372         | 4.10%           | 0.662%        |
| 27        | 14.524      | 2064          | 2070        | 2081         | rBV      | 38157          | 73171         | 8.49%           | 1.370%        |
| 28        | 14.975      | 2140          | 2144        | 2154         | rVB      | 4399           | 10314         | 1.20%           | 0.193%        |

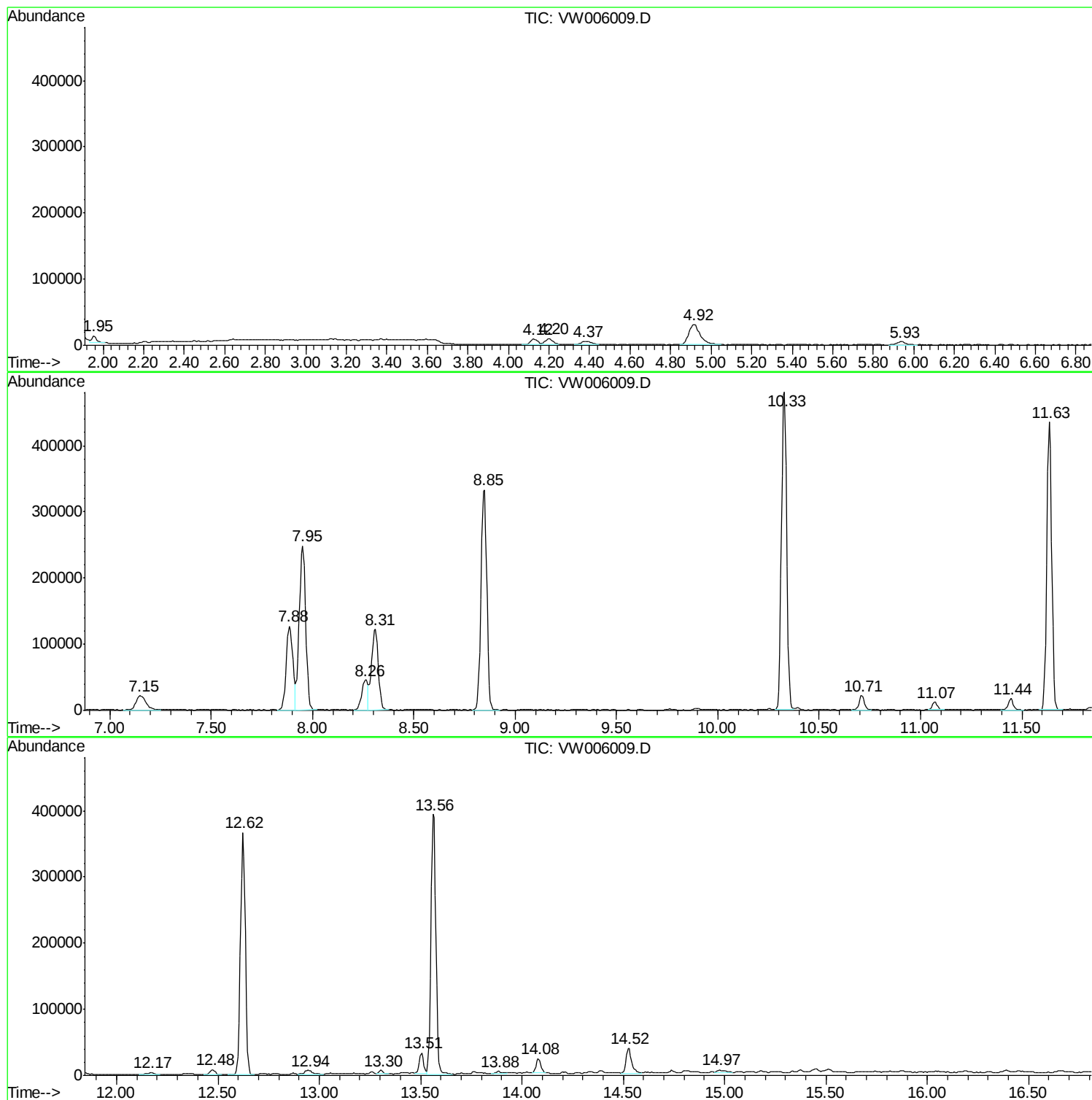
Sum of corrected areas: 5341456

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W100818S.M  
Quant Title : SW846 8260

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



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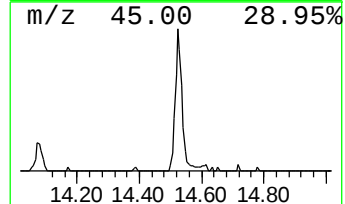
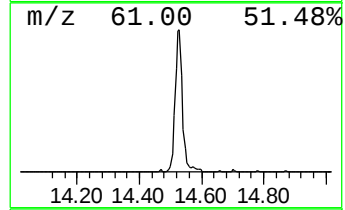
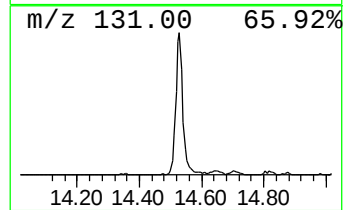
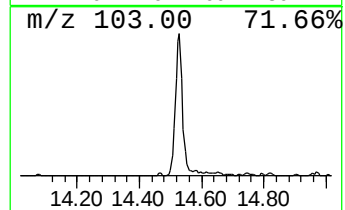
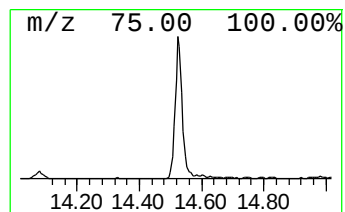
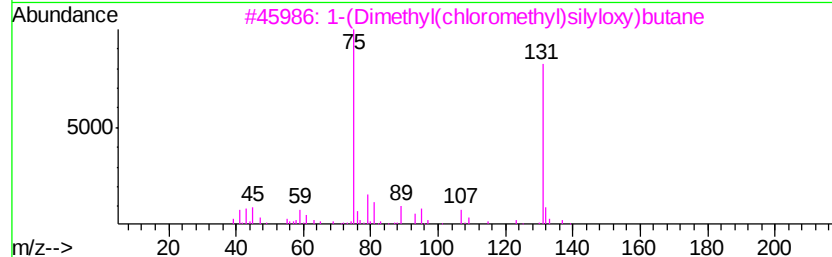
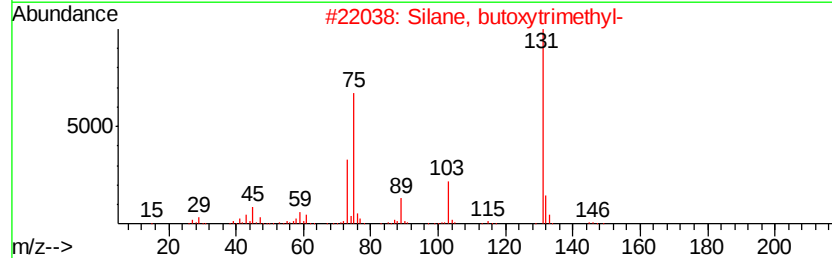
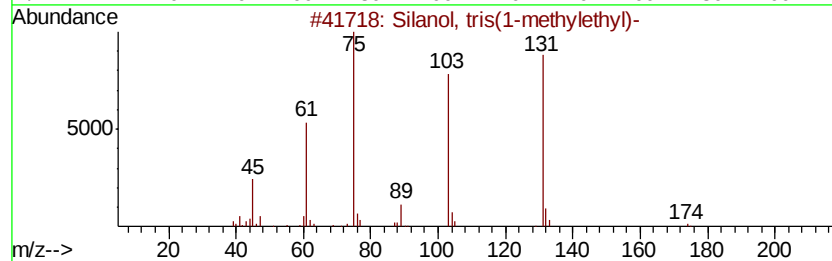
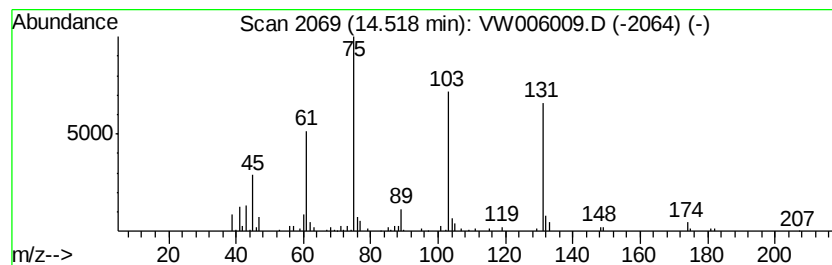
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Peak Number 1 Silanol, tris(1-methylethyl)- Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 14.52 | 5.63 ug/l | 73171 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID                             | MW  | MolForm    | CAS#        | Qual |
|------|----|------------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Silanol, tris(1-methylethyl)-            | 174 | C9H22OSi   | 017877-23-5 | 91   |
| 2    |    | Silane, butoxytrimethyl-                 | 146 | C7H18OSi   | 001825-65-6 | 50   |
| 3    |    | 1-(Dimethyl(chloromethyl)silyloxy)butane | 180 | C7H17ClOSi | 014032-21-4 | 50   |
| 4    |    | Silane, (1,1-dimethylethoxy)trimethyl-   | 146 | C7H18OSi   | 013058-24-7 | 47   |
| 5    |    | Silanol, trimethyl-, propanoate          | 146 | C6H14O2Si  | 016844-98-7 | 43   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Silanol, tris(1-m... | 14.52 | 5.6     | ug/l  | 73171    | 4                     | 13.57 | 650121 | 50.0 |