

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\  
 Data File : VW005434.D  
 Acq On : 17 Sep 2018 15:29  
 Operator : SY/AP  
 Sample : J4773-09  
 Misc : 6.22G/5ML/MSVOA W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CL-01-091418-E

## 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\82W091618S.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         | 2.648       | 119           | 122         | 136          | rVB4     | 8169           | 20793         | 1.95%           | 0.291%        |
| 2         | 4.135       | 357           | 366         | 377          | rBV      | 8679           | 24555         | 2.30%           | 0.343%        |
| 3         | 4.928       | 483           | 496         | 509          | rBV      | 41596          | 129532        | 12.15%          | 1.812%        |
| 4         | 5.958       | 652           | 665         | 677          | rBV4     | 7180           | 22375         | 2.10%           | 0.313%        |
| 5         | 7.147       | 848           | 860         | 871          | rBV      | 128770         | 364619        | 34.21%          | 5.101%        |
| 6         | 7.891       | 972           | 982         | 987          | rBV      | 137369         | 328685        | 30.84%          | 4.598%        |
| 7         | 7.958       | 987           | 993         | 1005         | rVB      | 328815         | 729468        | 68.44%          | 10.204%       |
| 8         | 8.311       | 1036          | 1051        | 1071         | rBV      | 148571         | 338275        | 31.74%          | 4.732%        |
| 9         | 8.848       | 1129          | 1139        | 1158         | rBV      | 465918         | 955477        | 89.64%          | 13.366%       |
| 10        | 10.134      | 1346          | 1350        | 1359         | rVB2     | 6415           | 13740         | 1.29%           | 0.192%        |
| 11        | 10.329      | 1373          | 1382        | 1389         | rBV      | 587070         | 1065925       | 100.00%         | 14.911%       |
| 12        | 10.396      | 1389          | 1393        | 1399         | rVB      | 23851          | 42673         | 4.00%           | 0.597%        |
| 13        | 10.719      | 1439          | 1446        | 1450         | rBV4     | 7617           | 19601         | 1.84%           | 0.274%        |
| 14        | 10.945      | 1475          | 1483        | 1491         | rBV5     | 5275           | 11220         | 1.05%           | 0.157%        |
| 15        | 11.067      | 1491          | 1503        | 1508         | rBV4     | 15918          | 41507         | 3.89%           | 0.581%        |
| 16        | 11.634      | 1589          | 1596        | 1609         | rBV      | 601228         | 1054100       | 98.89%          | 14.745%       |
| 17        | 11.841      | 1623          | 1630        | 1639         | rBV      | 15188          | 34519         | 3.24%           | 0.483%        |
| 18        | 12.170      | 1674          | 1684        | 1690         | rBV2     | 9405           | 20252         | 1.90%           | 0.283%        |
| 19        | 12.378      | 1703          | 1718        | 1724         | rBV2     | 4123           | 15866         | 1.49%           | 0.222%        |
| 20        | 12.628      | 1751          | 1759        | 1766         | rBV      | 386507         | 649525        | 60.94%          | 9.086%        |
| 21        | 12.786      | 1777          | 1785        | 1790         | rVB10    | 4680           | 12965         | 1.22%           | 0.181%        |
| 22        | 12.878      | 1790          | 1800        | 1803         | rBV9     | 4408           | 12167         | 1.14%           | 0.170%        |
| 23        | 12.945      | 1803          | 1811        | 1825         | rVB9     | 11769          | 44040         | 4.13%           | 0.616%        |
| 24        | 13.566      | 1906          | 1913        | 1932         | rVB      | 502746         | 817619        | 76.71%          | 11.437%       |
| 25        | 13.768      | 1941          | 1946        | 1951         | rBV7     | 4891           | 11416         | 1.07%           | 0.160%        |
| 26        | 13.890      | 1960          | 1966        | 1971         | rBV5     | 11372          | 25015         | 2.35%           | 0.350%        |
| 27        | 14.085      | 1994          | 1998        | 2011         | rVB3     | 15996          | 39719         | 3.73%           | 0.556%        |
| 28        | 14.219      | 2014          | 2020        | 2024         | rBV6     | 7163           | 13390         | 1.26%           | 0.187%        |
| 29        | 14.335      | 2036          | 2039        | 2044         | rBV6     | 6443           | 11674         | 1.10%           | 0.163%        |
| 30        | 14.396      | 2044          | 2049        | 2053         | rBV7     | 5866           | 11008         | 1.03%           | 0.154%        |
| 31        | 14.548      | 2071          | 2074        | 2081         | rVB9     | 5584           | 12713         | 1.19%           | 0.178%        |
| 32        | 14.737      | 2102          | 2105        | 2110         | rVB6     | 7456           | 12033         | 1.13%           | 0.168%        |
| 33        | 14.804      | 2110          | 2116        | 2123         | rBV6     | 10831          | 27694         | 2.60%           | 0.387%        |
| 34        | 14.987      | 2138          | 2146        | 2156         | rVB6     | 15661          | 58794         | 5.52%           | 0.822%        |

## LSC Area Percent Report

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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
CL-01-091418-E

## 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\82W091618S.M  
Title : SW846 8260

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 35 | 15.182 | 2174 | 2178 | 2185 | rVB9 | 6917  | 15952 | 1.50% | 0.223% |
| 36 | 15.377 | 2199 | 2210 | 2215 | rBV  | 16695 | 35450 | 3.33% | 0.496% |
| 37 | 15.511 | 2226 | 2232 | 2238 | rBV4 | 5008  | 11319 | 1.06% | 0.158% |
| 38 | 15.676 | 2250 | 2259 | 2267 | rBV4 | 6763  | 24659 | 2.31% | 0.345% |
| 39 | 16.194 | 2336 | 2344 | 2347 | rBV9 | 5173  | 10792 | 1.01% | 0.151% |
| 40 | 16.456 | 2381 | 2387 | 2393 | rBV2 | 11817 | 27718 | 2.60% | 0.388% |
| 41 | 16.657 | 2413 | 2420 | 2427 | rBV2 | 13454 | 29810 | 2.80% | 0.417% |

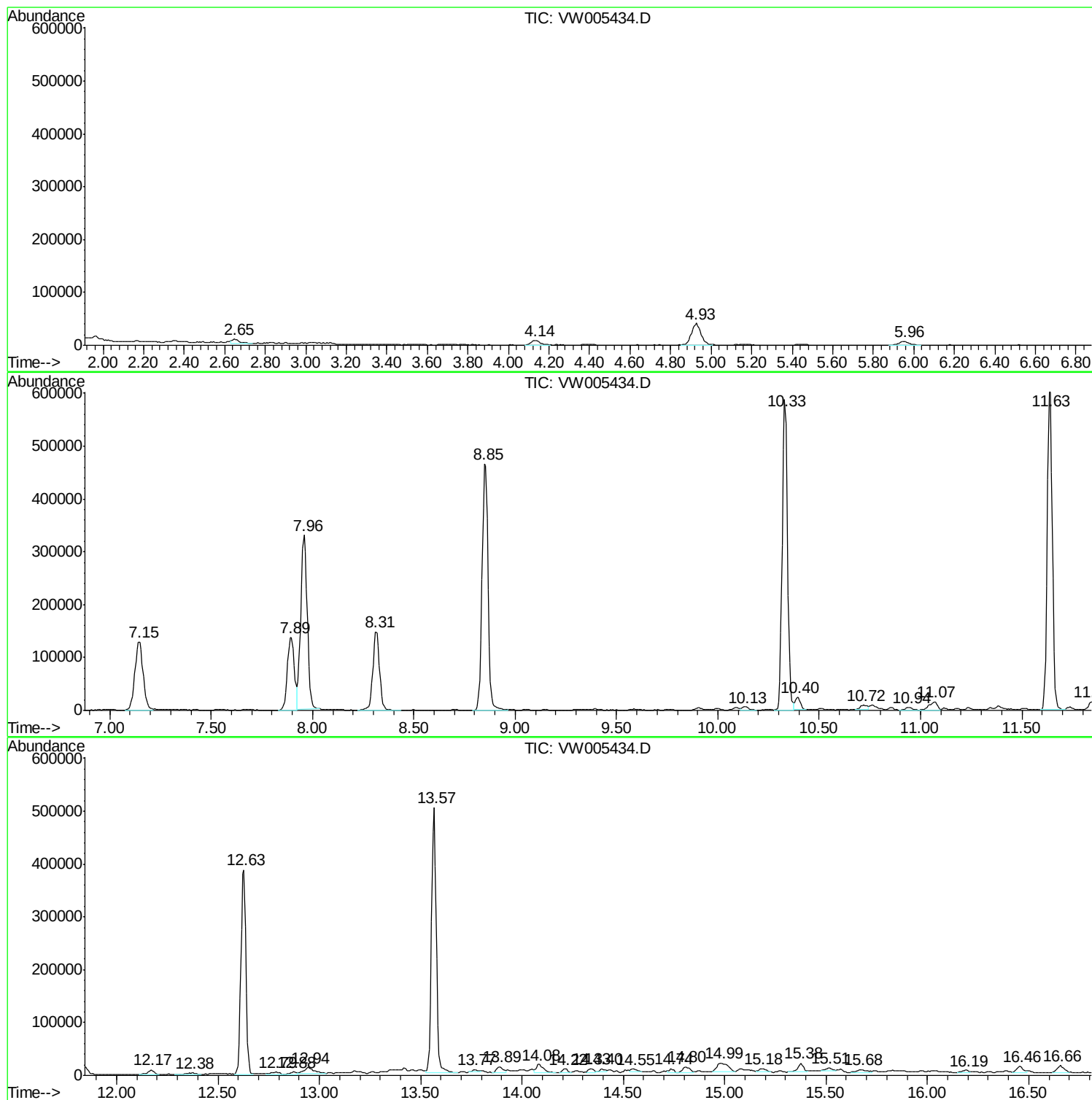
Sum of corrected areas: 7148654

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Instrument :  
MSVOA\_W  
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CL-01-091418-E

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W091618S.M  
Quant Title : SW846 8260

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



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Instrument :  
MSVOA\_W  
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CL-01-091418-E

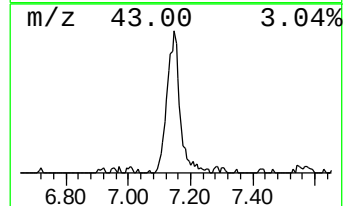
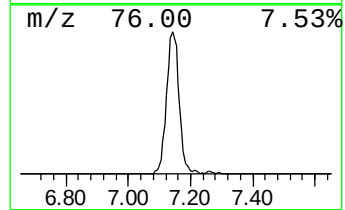
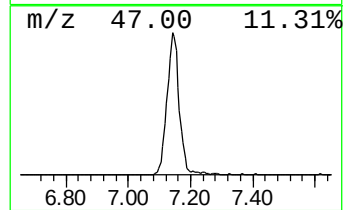
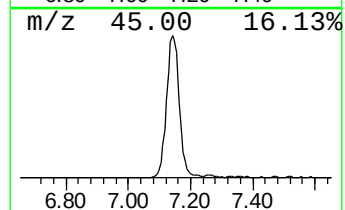
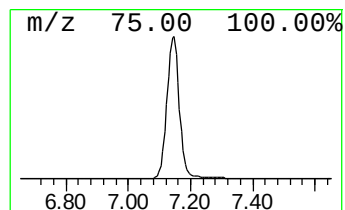
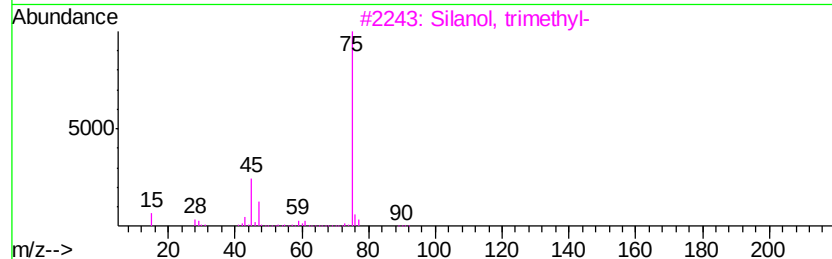
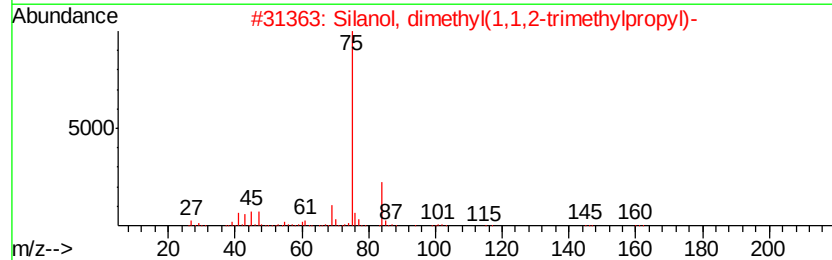
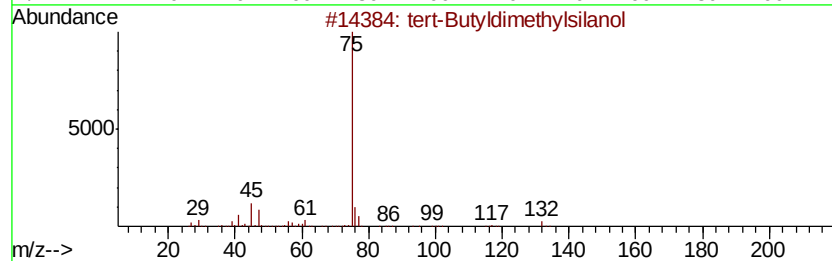
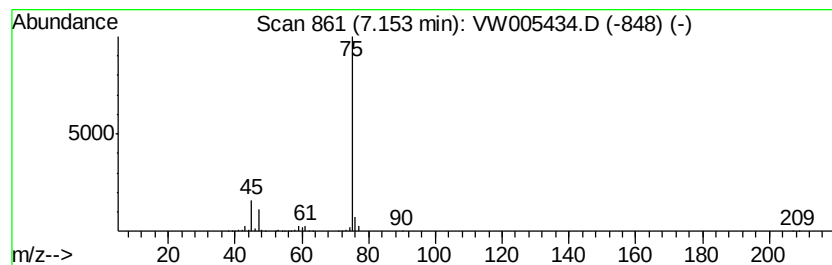
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W091618S.M  
Quant Title : SW846 8260

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

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Peak Number 1 tert-Butyldimethylsilanol Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 7.15 | 24.99 ug/l | 364619 | Pentafluorobenzene | 7.96 |

| Hit# | of | Tentative ID                              | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------------|-----|----------|-------------|------|
| 1    | 5  | tert-Butyldimethylsilanol                 | 132 | C6H16OSi | 018173-64-3 | 83   |
| 2    |    | Silanol, dimethyl(1,1,2-trimethylpropyl)- | 160 | C8H20OSi | 055644-10-5 | 78   |
| 3    |    | Silanol, trimethyl-                       | 90  | C3H10OSi | 001066-40-6 | 60   |
| 4    |    | Ethanol, 2-(trimethylsilyl)-              | 118 | C5H14OSi | 002916-68-9 | 43   |
| 5    |    | Ethanethioamide                           | 75  | C2H5NS   | 000062-55-5 | 9    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT   | EstConc | Units | Response | ---Internal Standard--- |      |        |      |
|----------------------|------|---------|-------|----------|-------------------------|------|--------|------|
|                      |      |         |       |          | #                       | RT   | Resp   | Conc |
| tert-Butyldimethy... | 7.15 | 25.0    | ug/l  | 364619   | 1                       | 7.96 | 729468 | 50.0 |