

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020719\  
 Data File : VW008560.D  
 Acq On : 07 Feb 2019 18:36  
 Operator : SY/VA  
 Sample : K1390-12  
 Misc : 5.56G/5ML/MSVOA W/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-07(0-2)

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\82W012419S.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         | 1.959       | 4             | 9           | 26           | rVB2     | 125263         | 291584        | 10.83%          | 2.039%        |
| 2         | 2.099       | 26            | 32          | 38           | rVB      | 28711          | 52935         | 1.97%           | 0.370%        |
| 3         | 2.355       | 69            | 74          | 82           | rBV2     | 56832          | 107717        | 4.00%           | 0.753%        |
| 4         | 3.385       | 239           | 243         | 251          | rVB4     | 21435          | 46633         | 1.73%           | 0.326%        |
| 5         | 4.903       | 483           | 492         | 511          | rVB3     | 24171          | 92366         | 3.43%           | 0.646%        |
| 6         | 7.141       | 850           | 859         | 870          | rBV      | 56924          | 159756        | 5.93%           | 1.117%        |
| 7         | 7.878       | 969           | 980         | 985          | rBV      | 385236         | 913866        | 33.93%          | 6.391%        |
| 8         | 7.945       | 985           | 991         | 1002         | rVB      | 678357         | 1512518       | 56.16%          | 10.577%       |
| 9         | 8.305       | 1041          | 1050        | 1063         | rVB2     | 416811         | 950219        | 35.28%          | 6.645%        |
| 10        | 8.842       | 1127          | 1138        | 1150         | rBV      | 989802         | 2000873       | 74.29%          | 13.992%       |
| 11        | 10.323      | 1373          | 1381        | 1387         | rBV      | 1535373        | 2693391       | 100.00%         | 18.835%       |
| 12        | 10.384      | 1387          | 1391        | 1399         | rVB      | 66577          | 120748        | 4.48%           | 0.844%        |
| 13        | 11.628      | 1588          | 1595        | 1605         | rBV      | 1290511        | 2209972       | 82.05%          | 15.454%       |
| 14        | 12.621      | 1751          | 1758        | 1768         | rVB      | 949893         | 1543592       | 57.31%          | 10.794%       |
| 15        | 13.560      | 1905          | 1912        | 1919         | rVB      | 951070         | 1498578       | 55.64%          | 10.479%       |
| 16        | 14.078      | 1993          | 1997        | 2004         | rVB2     | 23334          | 40001         | 1.49%           | 0.280%        |
| 17        | 14.530      | 2068          | 2071        | 2079         | rVB5     | 22448          | 37291         | 1.38%           | 0.261%        |
| 18        | 15.328      | 2199          | 2202        | 2212         | rBV5     | 12106          | 28224         | 1.05%           | 0.197%        |

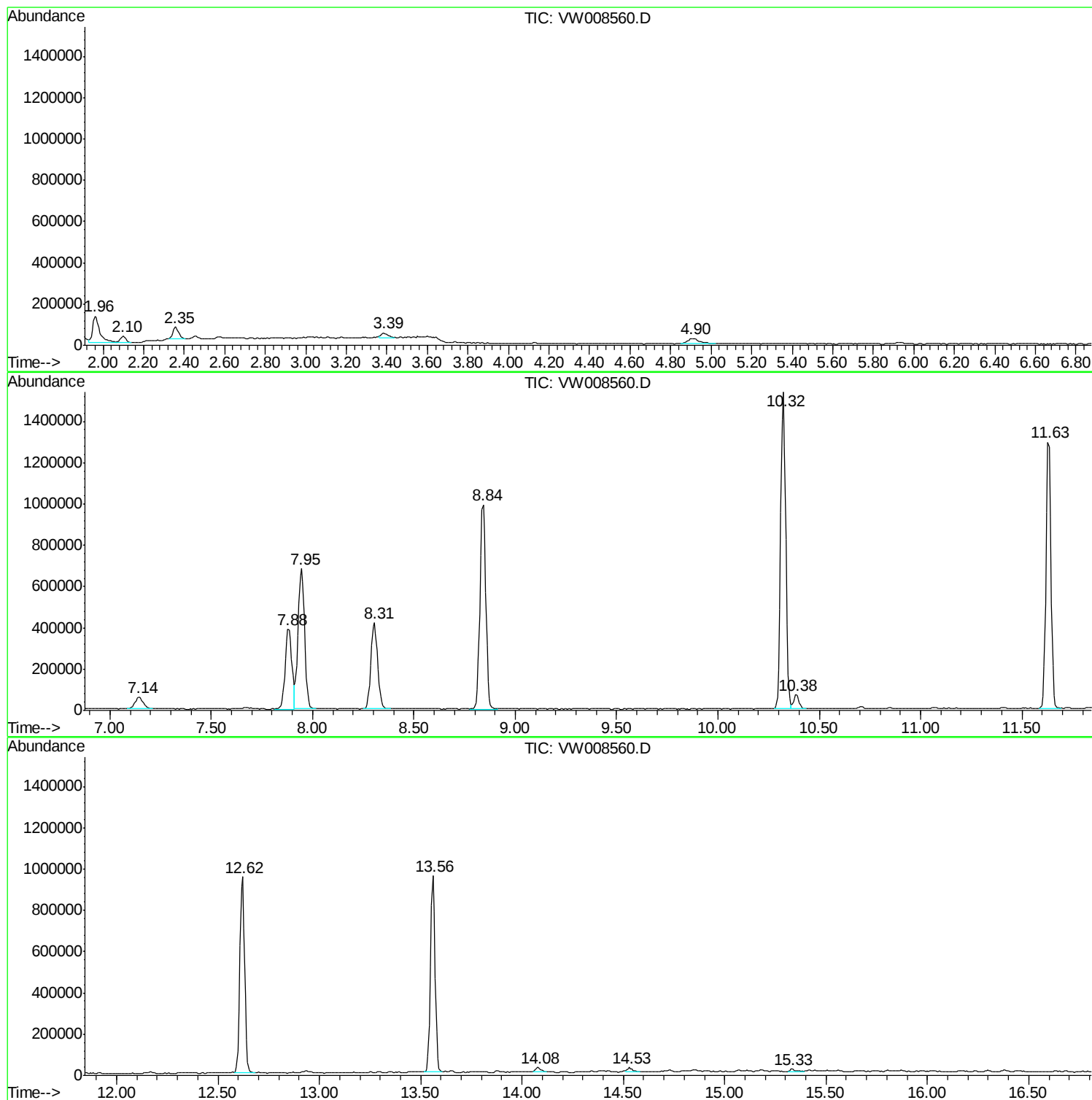
Sum of corrected areas: 14300264

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W012419S.M  
Quant Title : SW846 8260

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



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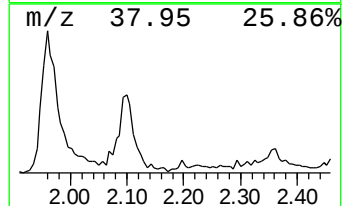
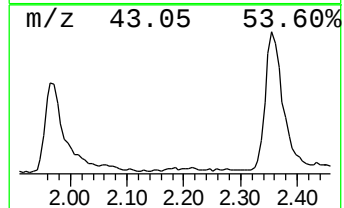
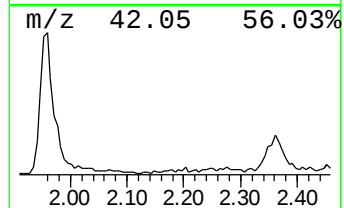
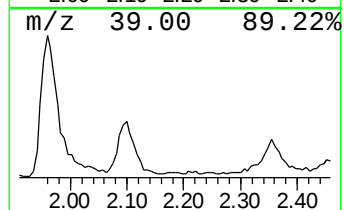
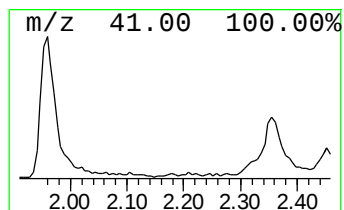
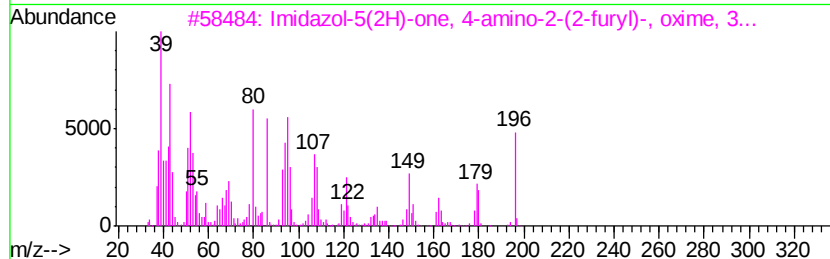
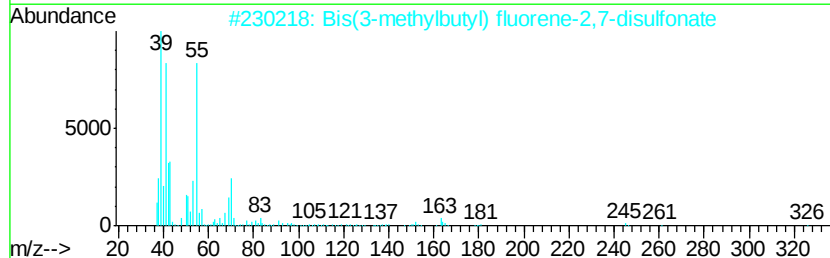
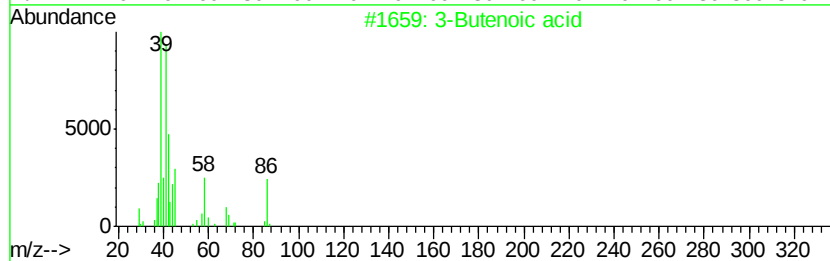
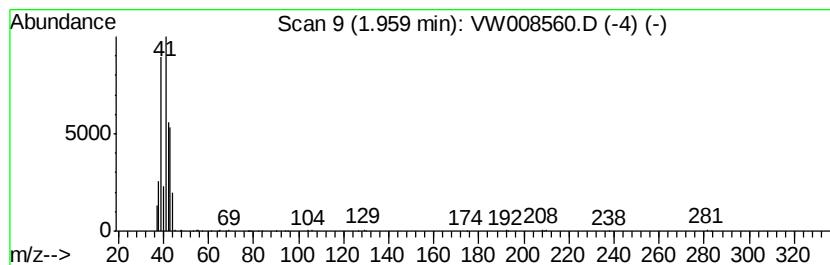
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W012419S.M  
Quant Title : SW846 8260

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

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Peak Number 1 3-Butenoic acid Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD   | R.T. |
|------|-----------|--------|--------------------|------|
| 1.96 | 9.64 ug/l | 291584 | Pentafluorobenzene | 7.95 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 3-Butenoic acid                     | 86  | C4H6O2     | 000625-38-7 | 83   |
| 2    |    |   | Bis(3-methylbutyl) fluorene-2,7-... | 466 | C23H30O6S2 | 253664-95-8 | 78   |
| 3    |    |   | Imidazol-5(2H)-one, 4-amino-2-(2... | 196 | C7H8N4O3   | 318259-17-5 | 72   |
| 4    |    |   | Cyclopropanecarboxylic acid         | 86  | C4H6O2     | 001759-53-1 | 64   |
| 5    |    |   | Aluminum, tripropyl-                | 156 | C9H21Al    | 000102-67-0 | 64   |



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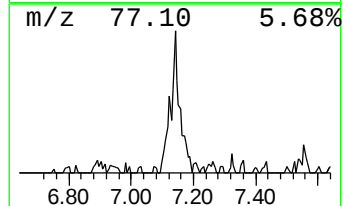
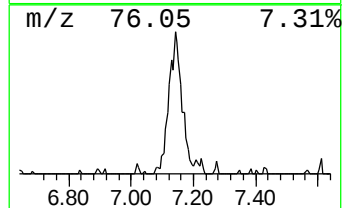
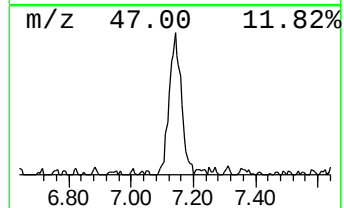
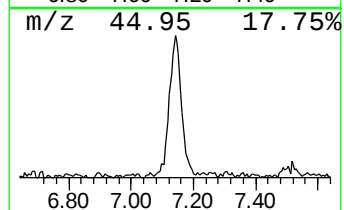
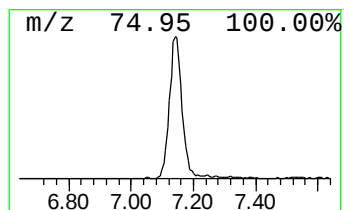
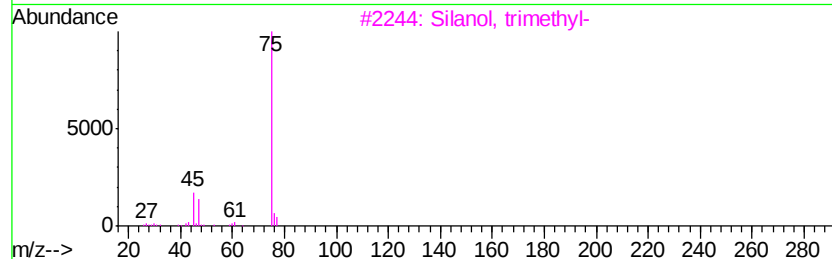
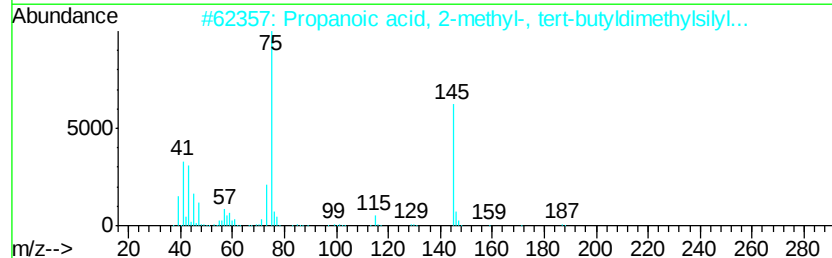
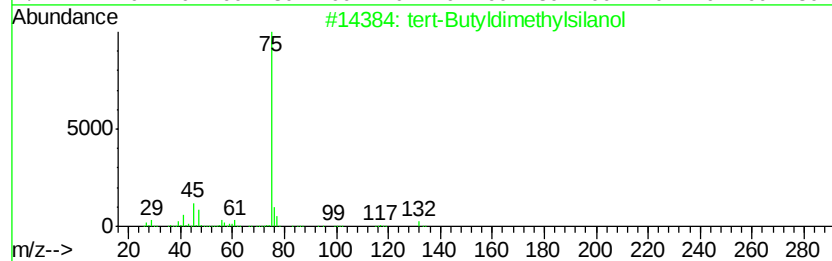
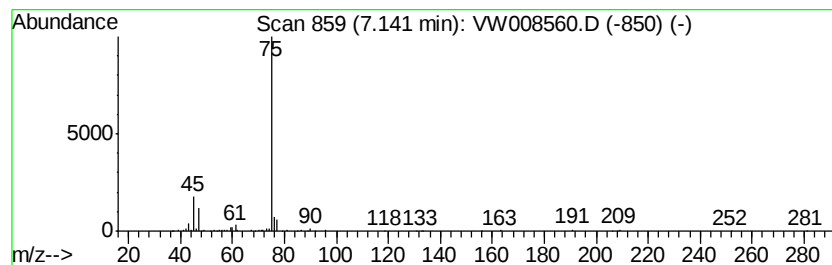
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Peak Number 2 tert-Butyldimethylsilanol Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD   | R.T. |
|------|-----------|--------|--------------------|------|
| 7.14 | 5.28 ug/l | 159756 | Pentafluorobenzene | 7.95 |

| Hit# | of | Tentative ID                         | MW  | MolForm    | CAS#        | Qual |
|------|----|--------------------------------------|-----|------------|-------------|------|
| 1    | 5  | tert-Butyldimethylsilanol            | 132 | C6H16OSi   | 018173-64-3 | 78   |
| 2    |    | Propanoic acid, 2-methyl-, tert-...  | 202 | C10H22O2Si | 111864-21-2 | 78   |
| 3    |    | Silanol, trimethyl-                  | 90  | C3H10OSi   | 001066-40-6 | 72   |
| 4    |    | Silanol, dimethyl(1,1,2-trimethyl... | 160 | C8H20OSi   | 055644-10-5 | 72   |
| 5    |    | Ethanol, 2-(trimethylsilyl)-         | 118 | C5H14OSi   | 002916-68-9 | 72   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| 3-Butenoic acid      | 1.96 | 9.6     | ug/l  | 291584   | 1                     | 7.95 | 1512520 | 50.0 |
| tert-Butyldimethy... | 7.14 | 5.3     | ug/l  | 159756   | 1                     | 7.95 | 1512520 | 50.0 |