

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\  
 Data File : VW008781.D  
 Acq On : 21 Feb 2019 20:24  
 Operator : SY/VA  
 Sample : K1546-10  
 Misc : 5.13G/5ML/MSVOA W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 RBR-200034

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\82W022119S.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         | 2.629       | 114           | 119         | 124          | rBV2     | 10064          | 19704         | 1.99%           | 0.361%        |
| 2         | 4.117       | 355           | 363         | 373          | rBV2     | 7572           | 21303         | 2.15%           | 0.391%        |
| 3         | 4.915       | 484           | 494         | 501          | rBV3     | 11663          | 32380         | 3.27%           | 0.594%        |
| 4         | 7.153       | 847           | 861         | 872          | rBV      | 74150          | 215249        | 21.74%          | 3.947%        |
| 5         | 7.884       | 970           | 981         | 986          | rBV      | 120459         | 291261        | 29.42%          | 5.341%        |
| 6         | 7.951       | 986           | 992         | 1000         | rVB      | 292141         | 639895        | 64.64%          | 11.734%       |
| 7         | 8.256       | 1034          | 1042        | 1043         | rBV2     | 12924          | 22292         | 2.25%           | 0.409%        |
| 8         | 8.305       | 1043          | 1050        | 1059         | rVB      | 113871         | 257352        | 26.00%          | 4.719%        |
| 9         | 8.841       | 1130          | 1138        | 1149         | rBV      | 367468         | 713326        | 72.05%          | 13.081%       |
| 10        | 10.323      | 1373          | 1381        | 1389         | rBV      | 573439         | 989993        | 100.00%         | 18.154%       |
| 11        | 10.390      | 1389          | 1392        | 1399         | rVB3     | 8544           | 14489         | 1.46%           | 0.266%        |
| 12        | 10.707      | 1437          | 1444        | 1450         | rBV2     | 24818          | 60363         | 6.10%           | 1.107%        |
| 13        | 11.061      | 1496          | 1502        | 1509         | rBV4     | 7994           | 16621         | 1.68%           | 0.305%        |
| 14        | 11.634      | 1587          | 1596        | 1606         | rBV      | 466465         | 788732        | 79.67%          | 14.464%       |
| 15        | 12.621      | 1748          | 1758        | 1769         | rVB2     | 372664         | 627323        | 63.37%          | 11.504%       |
| 16        | 13.560      | 1905          | 1912        | 1921         | rBV      | 410646         | 668725        | 67.55%          | 12.263%       |
| 17        | 14.078      | 1989          | 1997        | 2005         | rVB2     | 22122          | 39166         | 3.96%           | 0.718%        |
| 18        | 15.505      | 2223          | 2231        | 2236         | rBV2     | 17809          | 35067         | 3.54%           | 0.643%        |

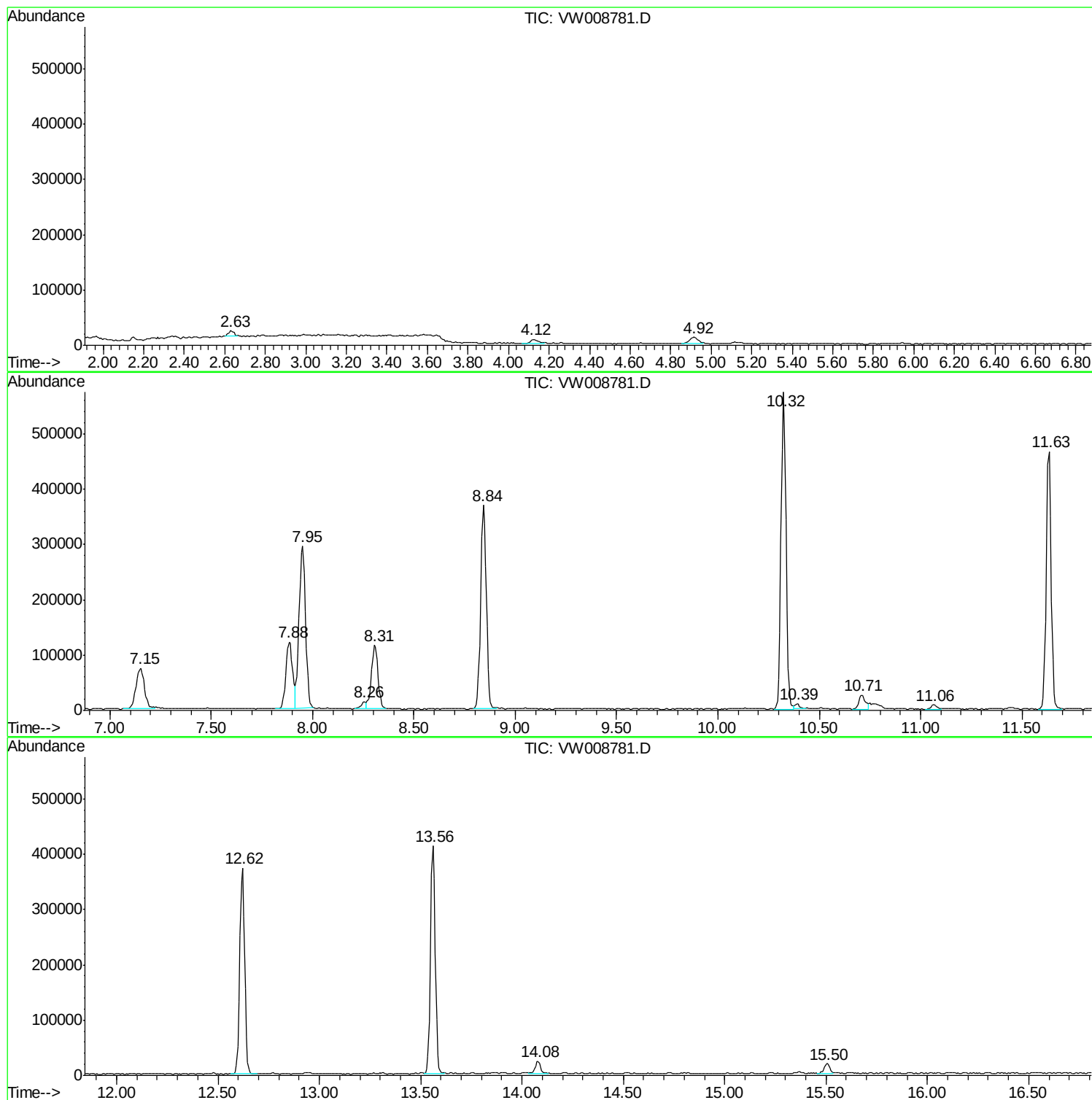
Sum of corrected areas: 5453241

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W022119S.M  
Quant Title : SW846 8260

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



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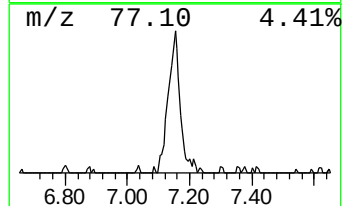
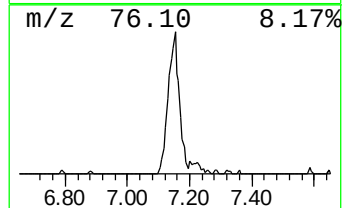
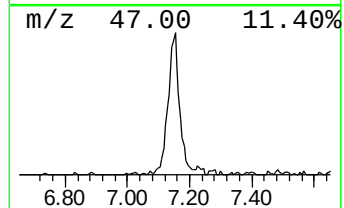
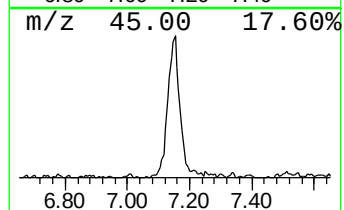
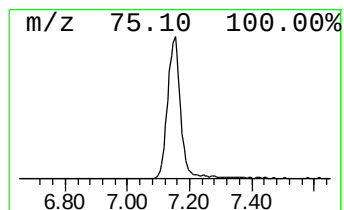
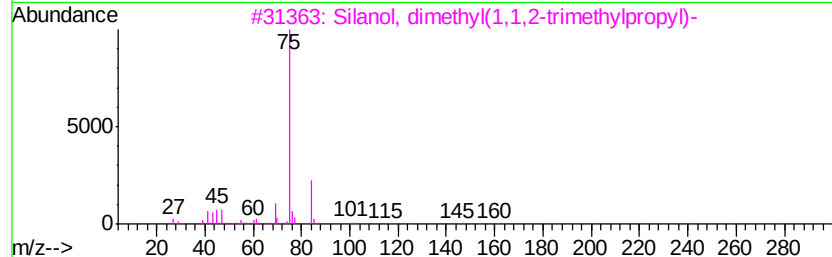
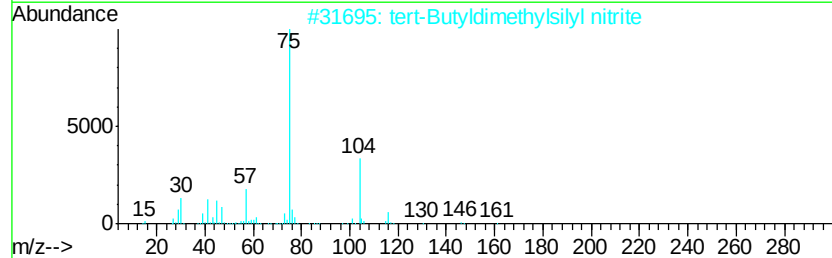
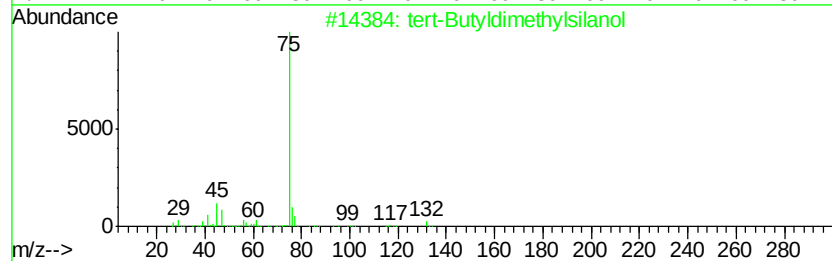
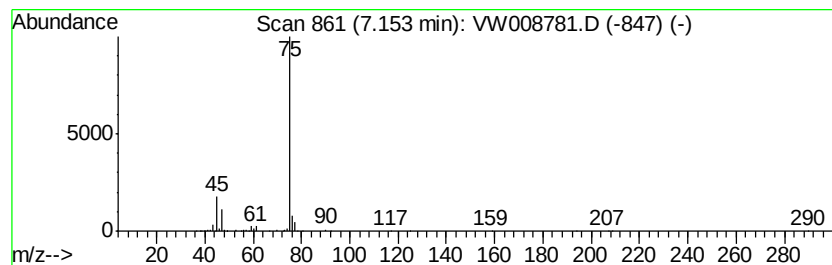
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W022119S.M  
Quant Title : SW846 8260

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 | 16.82 ug/l | 215249 | Pentafluorobenzene | 7.95 |

| Hit# | of | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|--------------------------------------|-----|------------|--------------|------|
| 1    | 5  | tert-Butyldimethylsilanol            | 132 | C6H16OSi   | 018173-64-3  | 83   |
| 2    |    | tert-Butyldimethylsilyl nitrite      | 161 | C6H15N02Si | 1000366-61-8 | 78   |
| 3    |    | Silanol, dimethyl(1,1,2-trimethyl... | 160 | C8H20OSi   | 055644-10-5  | 78   |
| 4    |    | Silanol, trimethyl-, acetate         | 132 | C5H12O2Si  | 002754-27-0  | 78   |
| 5    |    | Propanoic acid, 2-methyl-, tert-...  | 202 | C10H22O2Si | 111864-21-2  | 78   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | ---Internal Standard--- |      |        |      |
|----------------------|------|---------|-------|----------|-------------------------|------|--------|------|
|                      |      |         |       |          | #                       | RT   | Resp   | Conc |
| tert-Butyldimethy... | 7.15 | 16.8    | ug/l  | 215249   | 1                       | 7.95 | 639895 | 50.0 |