

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\  
 Data File : VW010899.D  
 Acq On : 20 Jun 2019 18:31  
 Operator : SY/VA  
 Sample : K3447-03  
 Misc : 4.99G/5ML/MSVOA W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SIDEWALL-1

## 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\82W060419S.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       | 5             | 9           | 17           | rVB2     | 7912           | 14821         | 1.09%           | 0.205%        |
| 2         | 2.678       | 117           | 127         | 137          | rVB3     | 8608           | 24918         | 1.83%           | 0.344%        |
| 3         | 4.909       | 485           | 493         | 503          | rBV3     | 6257           | 20433         | 1.50%           | 0.282%        |
| 4         | 7.141       | 848           | 859         | 873          | rBV      | 42619          | 123473        | 9.05%           | 1.705%        |
| 5         | 7.884       | 970           | 981         | 986          | rBV      | 161022         | 384917        | 28.20%          | 5.315%        |
| 6         | 7.945       | 986           | 991         | 1002         | rVB      | 326673         | 727193        | 53.27%          | 10.041%       |
| 7         | 8.256       | 1030          | 1042        | 1045         | rBV2     | 55914          | 131329        | 9.62%           | 1.813%        |
| 8         | 8.305       | 1045          | 1050        | 1060         | rVB      | 188906         | 409041        | 29.97%          | 5.648%        |
| 9         | 8.842       | 1129          | 1138        | 1148         | rBV      | 511065         | 1002419       | 73.44%          | 13.841%       |
| 10        | 10.323      | 1373          | 1381        | 1389         | rBV      | 794567         | 1365039       | 100.00%         | 18.848%       |
| 11        | 10.707      | 1438          | 1444        | 1453         | rVB      | 26078          | 45919         | 3.36%           | 0.634%        |
| 12        | 11.067      | 1495          | 1503        | 1511         | rBV      | 43911          | 77378         | 5.67%           | 1.068%        |
| 13        | 11.439      | 1553          | 1564        | 1571         | rBV2     | 16844          | 32147         | 2.36%           | 0.444%        |
| 14        | 11.634      | 1587          | 1596        | 1609         | rBV      | 647971         | 1116089       | 81.76%          | 15.411%       |
| 15        | 12.621      | 1747          | 1758        | 1767         | rBV      | 503395         | 829444        | 60.76%          | 11.453%       |
| 16        | 13.560      | 1905          | 1912        | 1925         | rVB      | 568928         | 908194        | 66.53%          | 12.540%       |
| 17        | 14.072      | 1992          | 1996        | 2005         | rVB      | 9181           | 14957         | 1.10%           | 0.207%        |
| 18        | 15.444      | 2213          | 2221        | 2226         | rBV2     | 8058           | 14516         | 1.06%           | 0.200%        |

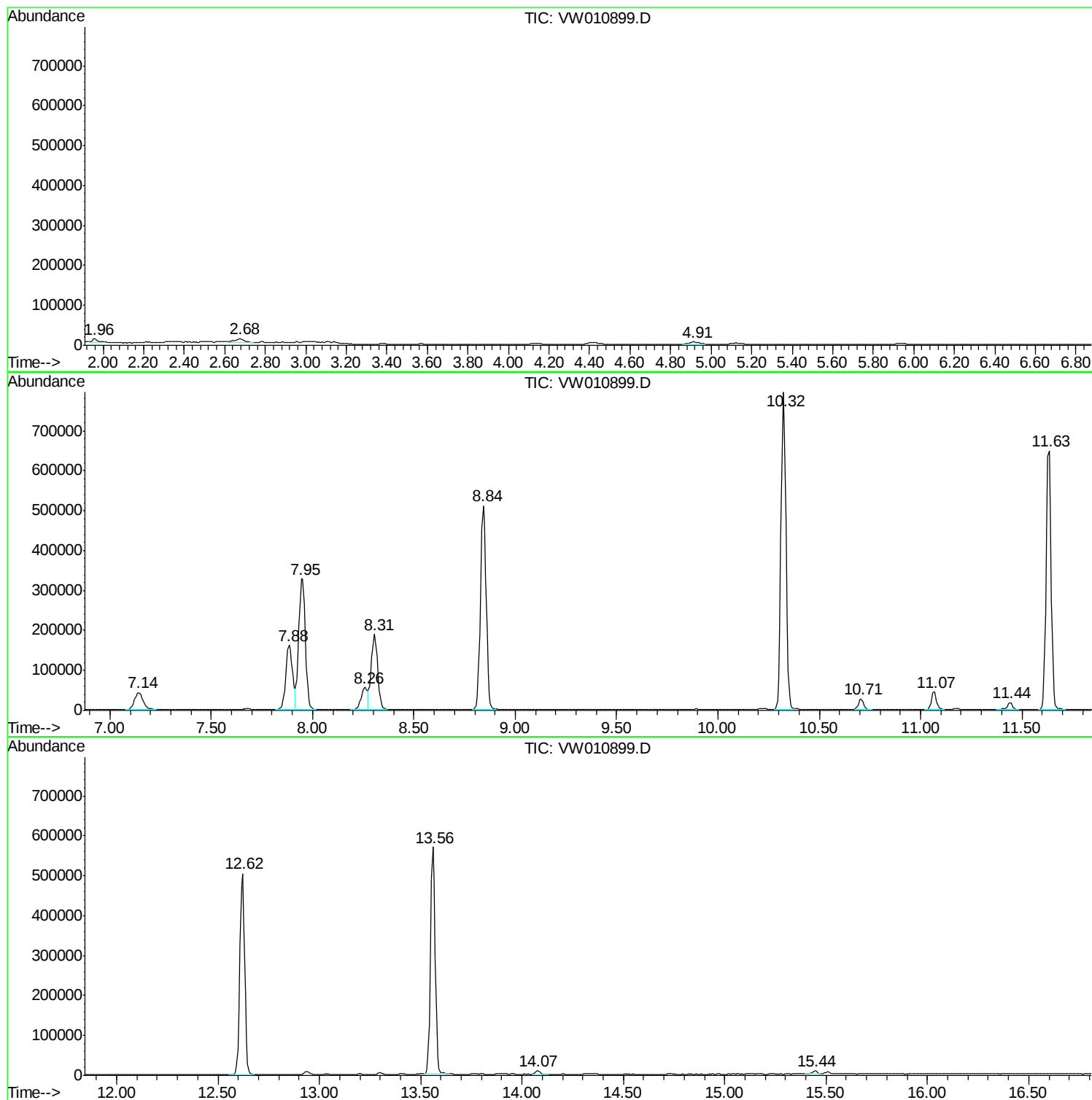
Sum of corrected areas: 7242227

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W060419S.M  
Quant Title : SW846 8260

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



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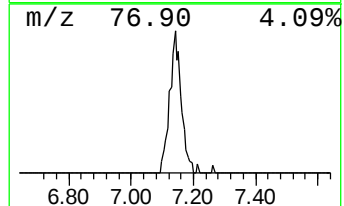
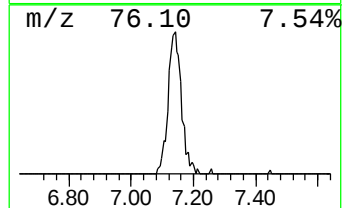
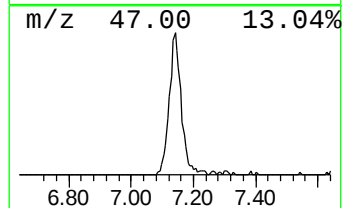
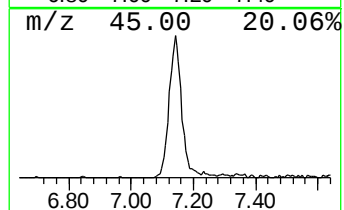
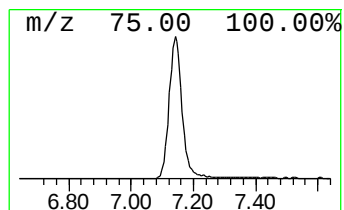
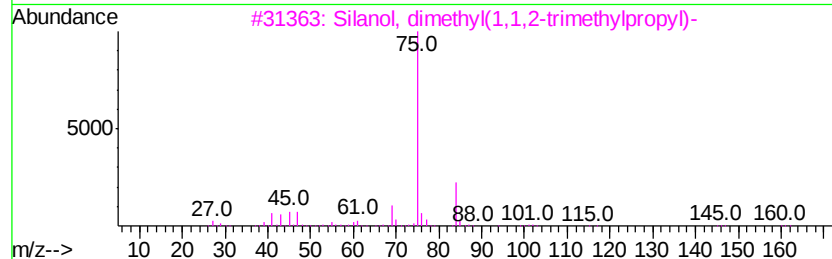
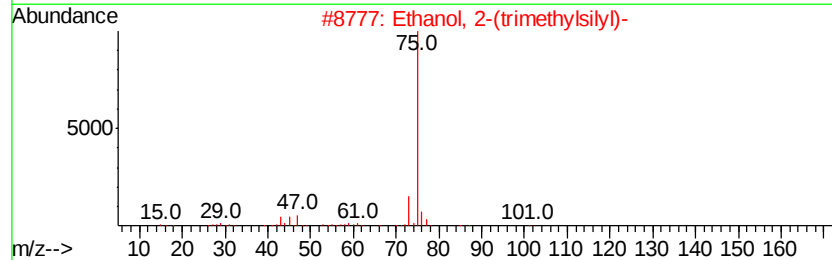
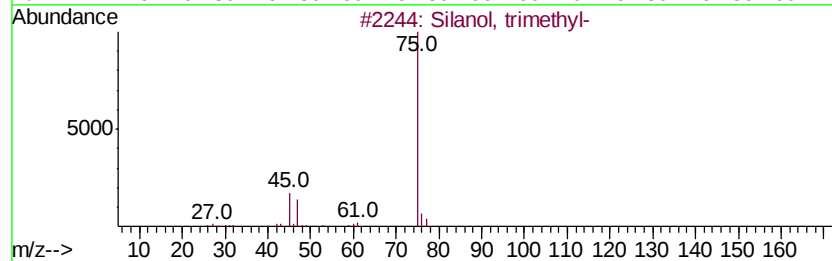
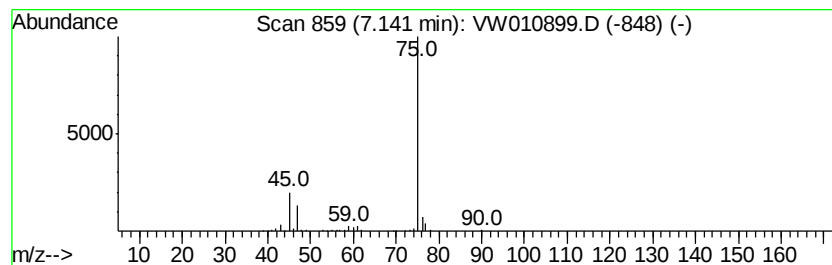
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Silanol, trimethyl- Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD   | R.T. |
|------|-----------|--------|--------------------|------|
| 7.14 | 8.49 ug/l | 123473 | Pentafluorobenzene | 7.95 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Silanol, trimethyl-                  | 90  | C3H10OSi | 001066-40-6 | 83   |
| 2    |    | Ethanol, 2-(trimethylsilyl)-         | 118 | C5H14OSi | 002916-68-9 | 50   |
| 3    |    | Silanol, dimethyl(1,1,2-trimethyl... | 160 | C8H20OSi | 055644-10-5 | 50   |
| 4    |    | tert-Butyldimethylsilanol            | 132 | C6H16OSi | 018173-64-3 | 43   |
| 5    |    | Ethanol, 2-ethoxy-                   | 90  | C4H10O2  | 000110-80-5 | 9    |



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| TIC Top Hit name    | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|---------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                     |      |         |       |          | #                     | RT   | Resp   | Conc |
| Silanol, trimethyl- | 7.14 | 8.5     | ug/l  | 123473   | 1                     | 7.95 | 727193 | 50.0 |