

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV101018\  
 Data File : VV008231.D  
 Acq On : 10 Oct 2018 13:37  
 Operator : SY/MD  
 Sample : J5315-20  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0JB1

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.1  
 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\_V\METHOD\SOMVTR100518WMA.M  
 Title : TRACE VOA SOM01.0

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         | 1.132       | 5             | 13          | 22           | rVB3     | 5714           | 9859          | 3.78%           | 0.408%        |
| 2         | 1.319       | 61            | 71          | 84           | rVB2     | 34180          | 47721         | 18.27%          | 1.976%        |
| 3         | 1.396       | 89            | 95          | 103          | rBV      | 9120           | 10967         | 4.20%           | 0.454%        |
| 4         | 1.585       | 147           | 154         | 165          | rVB      | 29705          | 32904         | 12.60%          | 1.362%        |
| 5         | 2.135       | 315           | 325         | 336          | rVB      | 61685          | 86939         | 33.29%          | 3.599%        |
| 6         | 2.209       | 336           | 348         | 361          | rBV2     | 6938           | 13516         | 5.18%           | 0.560%        |
| 7         | 2.322       | 374           | 383         | 389          | rBV      | 11682          | 19556         | 7.49%           | 0.810%        |
| 8         | 2.544       | 445           | 452         | 458          | rVB5     | 2035           | 2725          | 1.04%           | 0.113%        |
| 9         | 3.962       | 876           | 893         | 905          | rBV      | 36745          | 97139         | 37.20%          | 4.021%        |
| 10        | 4.036       | 908           | 916         | 946          | rVB2     | 22936          | 76187         | 29.17%          | 3.154%        |
| 11        | 4.409       | 1016          | 1032        | 1053         | rBV      | 48026          | 114828        | 43.97%          | 4.754%        |
| 12        | 5.100       | 1231          | 1247        | 1270         | rBV2     | 109548         | 255003        | 97.65%          | 10.557%       |
| 13        | 5.669       | 1410          | 1424        | 1443         | rBV      | 96392          | 189673        | 72.63%          | 7.852%        |
| 14        | 5.949       | 1503          | 1511        | 1525         | rVB4     | 4362           | 7972          | 3.05%           | 0.330%        |
| 15        | 6.122       | 1551          | 1565        | 1587         | rBV      | 62766          | 124185        | 47.56%          | 5.141%        |
| 16        | 7.035       | 1834          | 1849        | 1865         | rBV      | 27957          | 49060         | 18.79%          | 2.031%        |
| 17        | 7.363       | 1935          | 1951        | 1967         | rBV      | 114217         | 197132        | 75.49%          | 8.161%        |
| 18        | 7.441       | 1971          | 1975        | 1985         | rVB5     | 2081           | 2993          | 1.15%           | 0.124%        |
| 19        | 7.669       | 2032          | 2046        | 2060         | rBV2     | 16463          | 28652         | 10.97%          | 1.186%        |
| 20        | 7.987       | 2131          | 2145        | 2157         | rBV3     | 10033          | 18348         | 7.03%           | 0.760%        |
| 21        | 8.145       | 2182          | 2194        | 2226         | rBV3     | 106075         | 261139        | 100.00%         | 10.811%       |
| 22        | 8.900       | 2417          | 2429        | 2456         | rBV      | 139696         | 234505        | 89.80%          | 9.708%        |
| 23        | 10.267      | 2842          | 2854        | 2870         | rBV      | 40999          | 64697         | 24.77%          | 2.678%        |
| 24        | 10.428      | 2892          | 2904        | 2925         | rVB      | 34175          | 58865         | 22.54%          | 2.437%        |
| 25        | 11.299      | 3161          | 3175        | 3202         | rBV      | 121169         | 213755        | 81.85%          | 8.849%        |
| 26        | 11.678      | 3279          | 3293        | 3314         | rBV      | 109955         | 186094        | 71.26%          | 7.704%        |
| 27        | 12.305      | 3477          | 3488        | 3498         | rBV      | 6799           | 11145         | 4.27%           | 0.461%        |

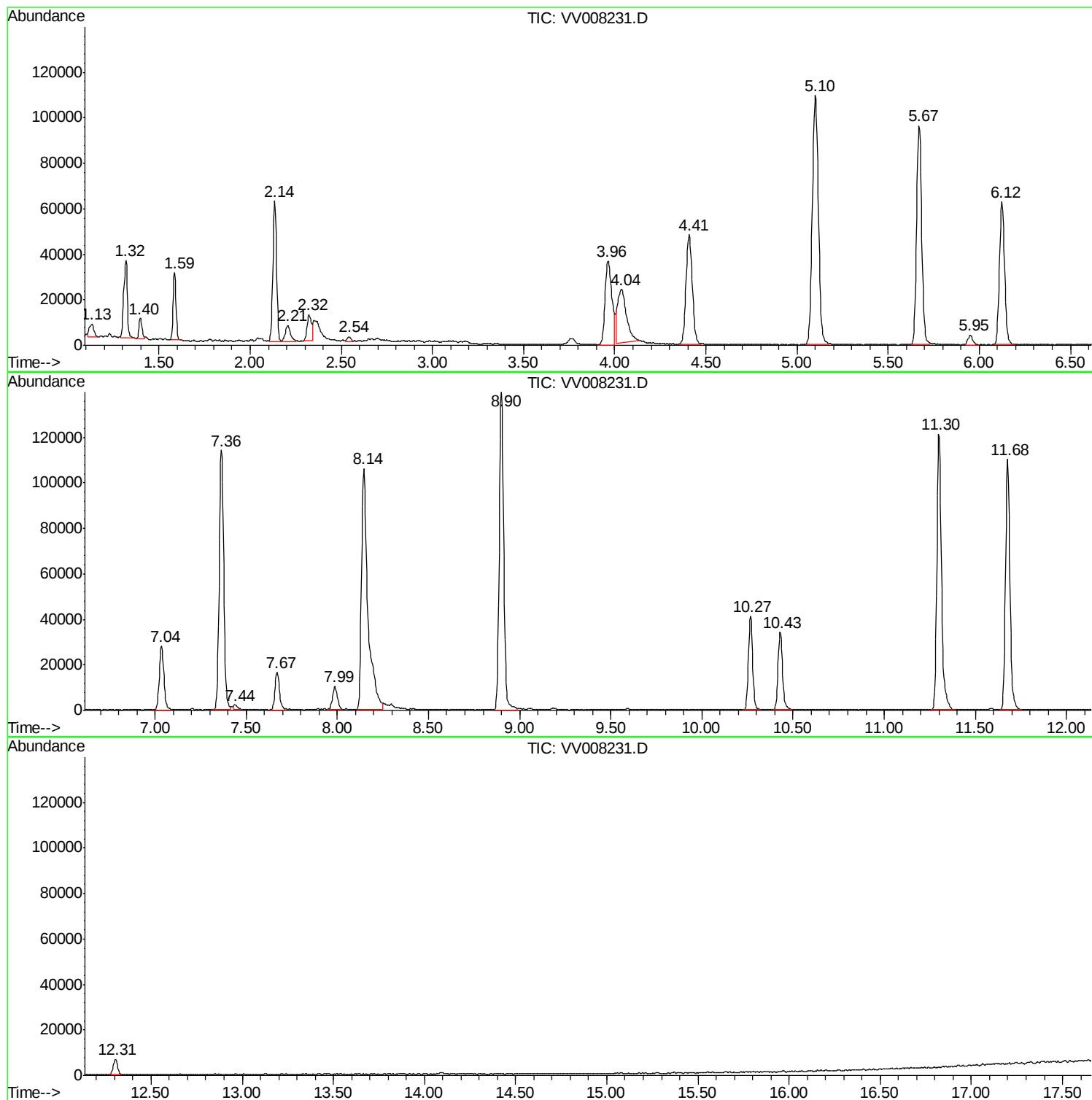
Sum of corrected areas: 2415559

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ClientSampleId :  
C0JB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR100518WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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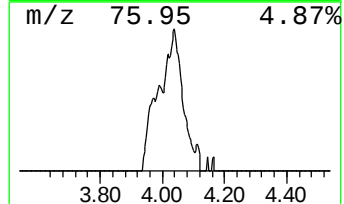
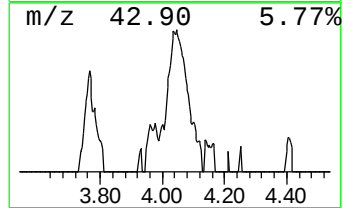
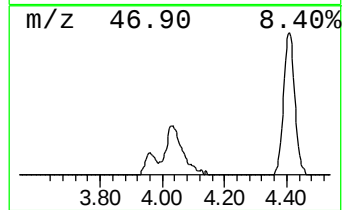
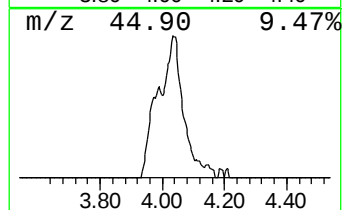
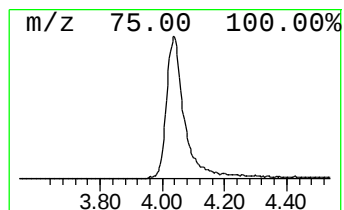
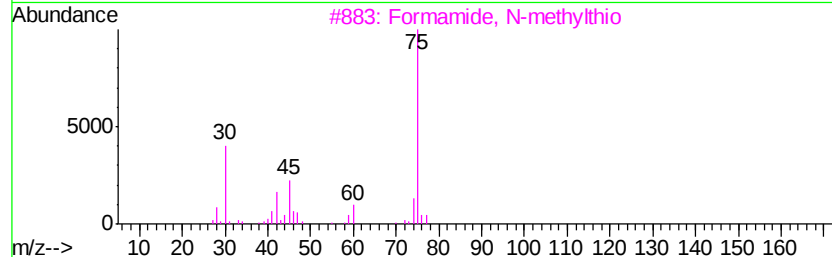
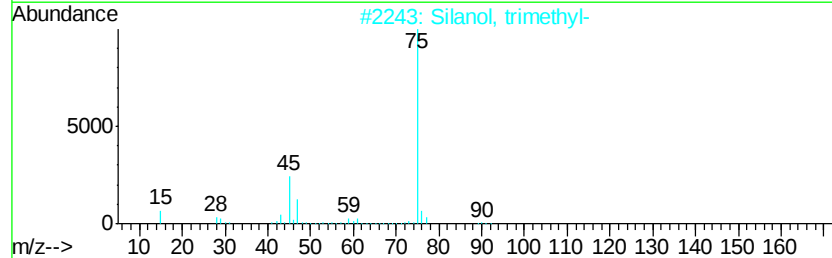
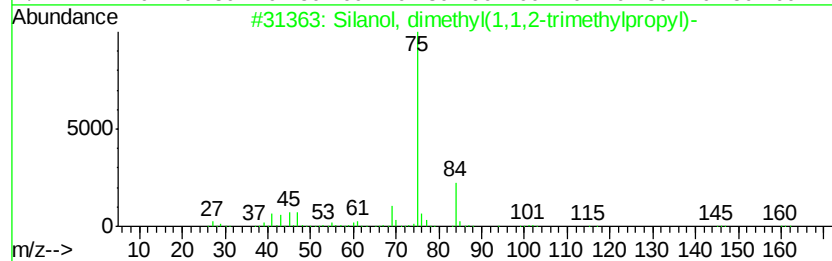
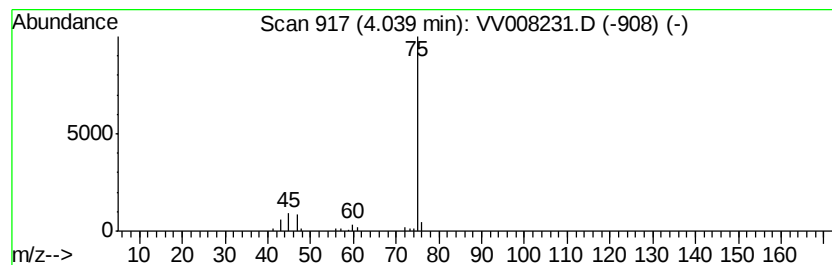
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 unknown-01 Concentration Rank 1

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 4.04 | 2.01 ug/L | 76187 | 1,4-Difluorobenzene | 5.67 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Silanol, dimethyl(1,1,2-trimethy... | 160 | C8H20OSi | 055644-10-5 | 43   |
| 2    |    |   | Silanol, trimethyl-                 | 90  | C3H10OSi | 001066-40-6 | 40   |
| 3    |    |   | Formamide, N-methylthio             | 75  | C2H5NS   | 018952-41-5 | 9    |
| 4    |    |   | Silanol, trimethyl-                 | 90  | C3H10OSi | 001066-40-6 | 9    |
| 5    |    |   | Ethane, 1,1,2-trimethoxy-           | 120 | C5H12O3  | 024332-20-5 | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown-01       | 4.04 | 2.0     | ug/L  | 76187    | 1                     | 5.67 | 189673 | 5.0  |