

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_Y\DATA\VY103119\  
 Data File : VY000507.D  
 Acq On : 31 Oct 2019 15:48  
 Operator : SY/MD  
 Sample : K5622-01  
 Misc : 5.26G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 12 Sample Multiplier: 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\_Y\METHODS\82Y103019S.M  
 Title : SW846 8260

Signal : TIC

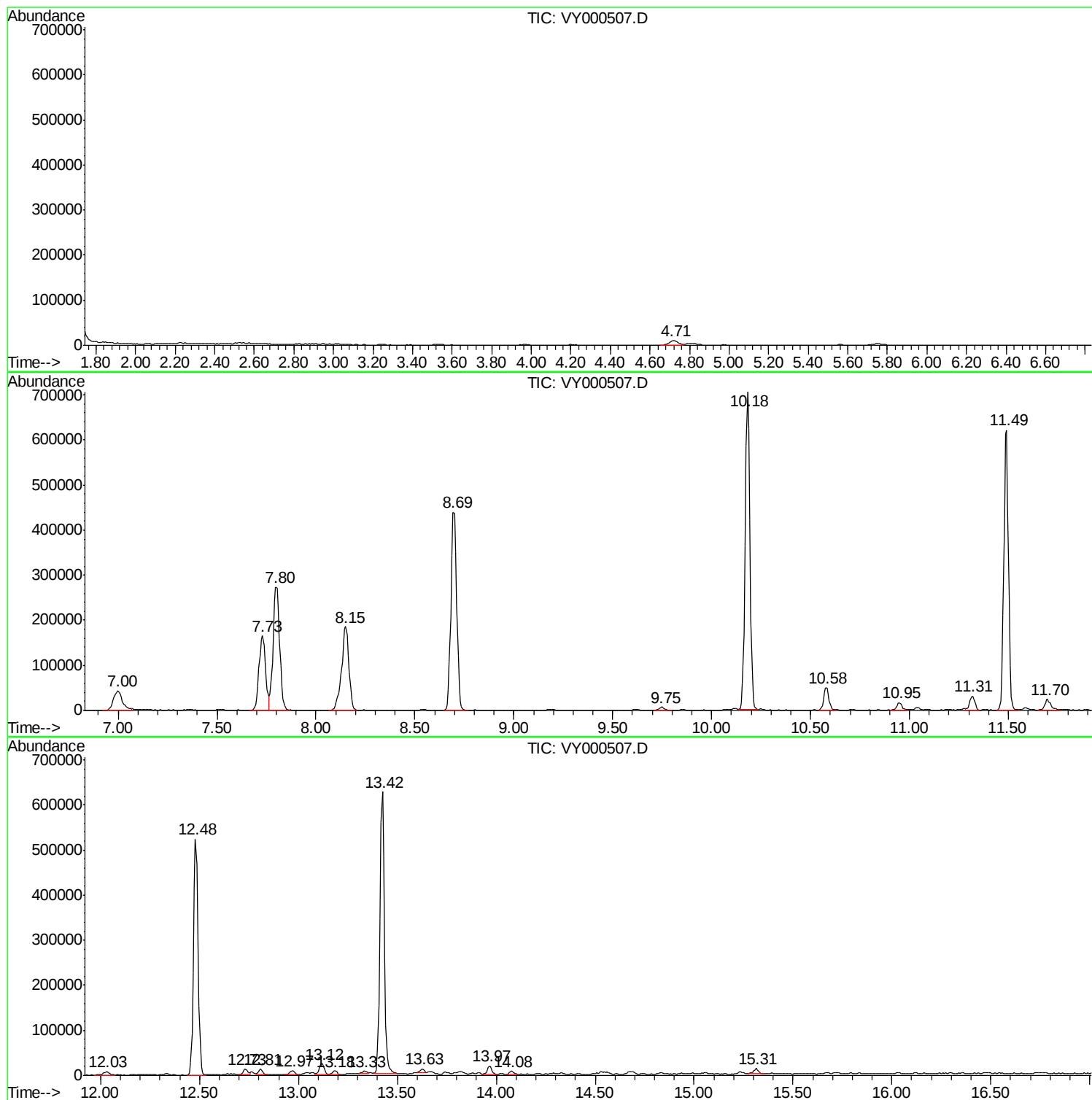
| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.712       | 478           | 488         | 497          | rBV3     | 10538          | 35570         | 2.98%           | 0.504%        |
| 2         | 6.998       | 850           | 863         | 874          | rBV      | 43392          | 135940        | 11.39%          | 1.925%        |
| 3         | 7.730       | 972           | 983         | 988          | rBV      | 165261         | 381563        | 31.97%          | 5.403%        |
| 4         | 7.797       | 988           | 994         | 1005         | rVB      | 273311         | 632302        | 52.97%          | 8.953%        |
| 5         | 8.151       | 1038          | 1052        | 1061         | rBV2     | 185028         | 479254        | 40.15%          | 6.786%        |
| 6         | 8.693       | 1133          | 1141        | 1153         | rBV      | 439398         | 878690        | 73.62%          | 12.442%       |
| 7         | 9.748       | 1307          | 1314        | 1322         | rVB2     | 7058           | 14379         | 1.20%           | 0.204%        |
| 8         | 10.181      | 1378          | 1385        | 1394         | rBV      | 705297         | 1193622       | 100.00%         | 16.901%       |
| 9         | 10.577      | 1444          | 1450        | 1458         | rBV      | 49906          | 89579         | 7.50%           | 1.268%        |
| 10        | 10.949      | 1503          | 1511        | 1518         | rBV2     | 16597          | 29967         | 2.51%           | 0.424%        |
| 11        | 11.315      | 1566          | 1571        | 1577         | rVB2     | 30783          | 54691         | 4.58%           | 0.774%        |
| 12        | 11.492      | 1591          | 1600        | 1610         | rBV      | 621731         | 1034054       | 86.63%          | 14.642%       |
| 13        | 11.699      | 1625          | 1634        | 1645         | rBV      | 24206          | 53263         | 4.46%           | 0.754%        |
| 14        | 12.028      | 1678          | 1688        | 1695         | rBV8     | 7757           | 17928         | 1.50%           | 0.254%        |
| 15        | 12.479      | 1755          | 1762        | 1771         | rBV2     | 523810         | 843541        | 70.67%          | 11.944%       |
| 16        | 12.729      | 1798          | 1803        | 1807         | rBV      | 12123          | 20530         | 1.72%           | 0.291%        |
| 17        | 12.808      | 1812          | 1816        | 1821         | rVB2     | 12113          | 18699         | 1.57%           | 0.265%        |
| 18        | 12.973      | 1836          | 1843        | 1847         | rBV4     | 9176           | 16791         | 1.41%           | 0.238%        |
| 19        | 13.119      | 1861          | 1867        | 1873         | rVV      | 24535          | 40643         | 3.41%           | 0.575%        |
| 20        | 13.180      | 1873          | 1877        | 1882         | rVB3     | 8414           | 14423         | 1.21%           | 0.204%        |
| 21        | 13.333      | 1897          | 1902        | 1906         | rBV7     | 6312           | 12215         | 1.02%           | 0.173%        |
| 22        | 13.424      | 1910          | 1917        | 1930         | rVB      | 625960         | 984841        | 82.51%          | 13.945%       |
| 23        | 13.625      | 1946          | 1950        | 1953         | rBV3     | 9886           | 13845         | 1.16%           | 0.196%        |
| 24        | 13.967      | 2000          | 2006        | 2012         | rVB3     | 19668          | 32280         | 2.70%           | 0.457%        |
| 25        | 14.076      | 2020          | 2024        | 2029         | rVB6     | 7611           | 12117         | 1.02%           | 0.172%        |
| 26        | 15.314      | 2220          | 2227        | 2234         | rVB      | 12642          | 21644         | 1.81%           | 0.306%        |

Sum of corrected areas: 7062371

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ALS Vial : 12 Sample Multiplier: 1

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_Y\METHODS\82Y103019S.M  
Quant Title : SW846 8260

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



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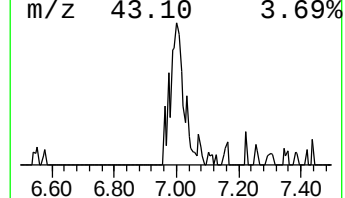
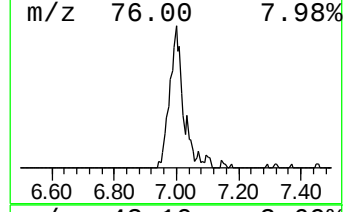
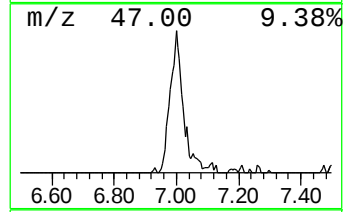
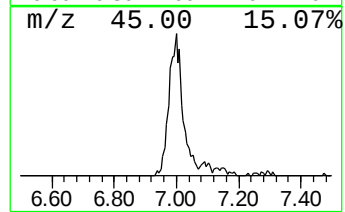
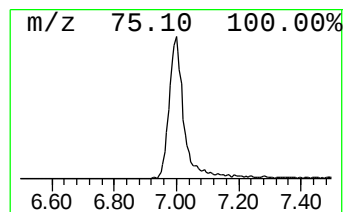
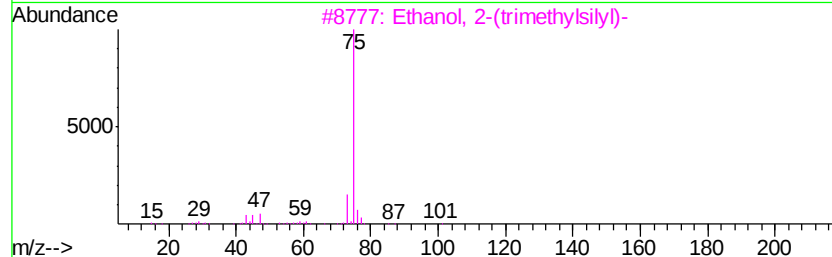
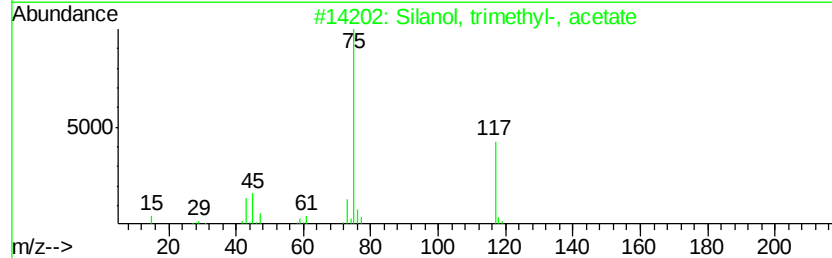
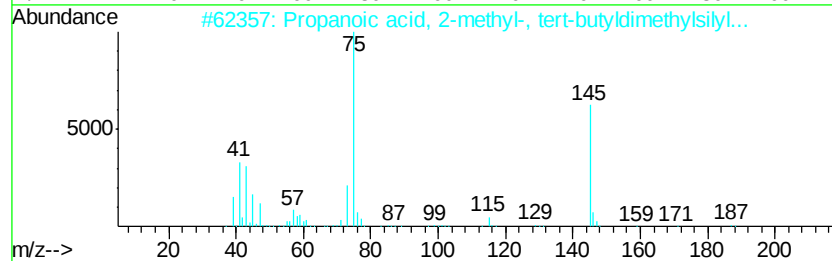
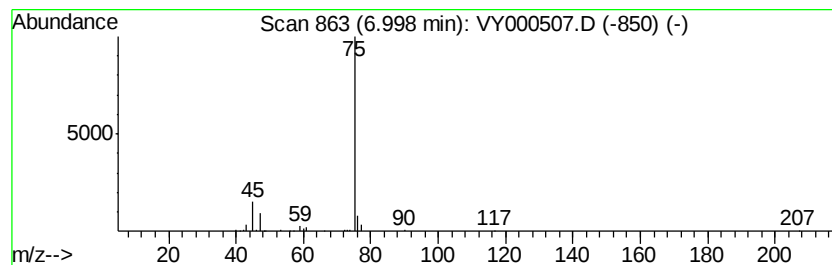
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Propanoic acid, 2-methyl-, ... Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 7.00 | 10.75 ug/l | 135940 | Pentafluorobenzene | 7.80 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Propanoic acid, 2-methyl-, tert-... | 202 | C10H22O2Si | 111864-21-2 | 64   |
| 2    |    | Silanol, trimethyl-, acetate        | 132 | C5H12O2Si  | 002754-27-0 | 56   |
| 3    |    | Ethanol, 2-(trimethylsilyl)-        | 118 | C5H14OSi   | 002916-68-9 | 50   |
| 4    |    | tert-Butyldimethylsilanol           | 132 | C6H16OSi   | 018173-64-3 | 47   |
| 5    |    | Silanol, trimethyl-                 | 90  | C3H10OSi   | 001066-40-6 | 47   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Propanoic acid, 2... | 7.00 | 10.8    | ug/l  | 135940   | 1                     | 7.80 | 632302 | 50.0 |