

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\  
 Data File : VY003006.D  
 Acq On : 29 Jun 2020 14:52  
 Operator : SY/MD  
 Sample : VY0629SBL01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0629SBL01

## 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\_Y\METHODS\82Y062920S.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         | 4.724       | 479           | 490         | 506          | rBV2     | 64984          | 219385        | 10.93%          | 1.514%        |
| 2         | 5.755       | 649           | 659         | 668          | rBV5     | 9394           | 30289         | 1.51%           | 0.209%        |
| 3         | 6.992       | 851           | 862         | 876          | rBV      | 96956          | 291027        | 14.50%          | 2.008%        |
| 4         | 7.724       | 969           | 982         | 988          | rBV      | 264801         | 647751        | 32.28%          | 4.469%        |
| 5         | 7.797       | 988           | 994         | 1006         | rVB      | 435152         | 978638        | 48.77%          | 6.752%        |
| 6         | 8.144       | 1036          | 1051        | 1063         | rBV2     | 303715         | 905674        | 45.13%          | 6.249%        |
| 7         | 8.693       | 1131          | 1141        | 1153         | rBV      | 659268         | 1326898       | 66.13%          | 9.155%        |
| 8         | 10.181      | 1377          | 1385        | 1392         | rBV      | 1087838        | 1840870       | 91.74%          | 12.701%       |
| 9         | 10.242      | 1392          | 1395        | 1403         | rVB      | 31354          | 52413         | 2.61%           | 0.362%        |
| 10        | 10.577      | 1442          | 1450        | 1458         | rBV      | 705818         | 1306533       | 65.11%          | 9.014%        |
| 11        | 10.949      | 1502          | 1511        | 1520         | rBV      | 160301         | 277438        | 13.83%          | 1.914%        |
| 12        | 11.321      | 1565          | 1572        | 1579         | rVB      | 233399         | 402717        | 20.07%          | 2.778%        |
| 13        | 11.491      | 1592          | 1600        | 1609         | rBV      | 988887         | 1655734       | 82.51%          | 11.423%       |
| 14        | 11.595      | 1611          | 1617        | 1621         | rVB      | 18867          | 32082         | 1.60%           | 0.221%        |
| 15        | 11.705      | 1628          | 1635        | 1647         | rVB      | 49429          | 99841         | 4.98%           | 0.689%        |
| 16        | 12.028      | 1679          | 1688        | 1696         | rBV4     | 17325          | 36484         | 1.82%           | 0.252%        |
| 17        | 12.485      | 1753          | 1763        | 1771         | rBV2     | 1116434        | 2006610       | 100.00%         | 13.844%       |
| 18        | 12.668      | 1789          | 1793        | 1799         | rVB      | 15128          | 21495         | 1.07%           | 0.148%        |
| 19        | 12.735      | 1799          | 1804        | 1806         | rBV5     | 14287          | 22798         | 1.14%           | 0.157%        |
| 20        | 12.820      | 1813          | 1818        | 1823         | rBV2     | 36521          | 66422         | 3.31%           | 0.458%        |
| 21        | 13.119      | 1863          | 1867        | 1873         | rVB      | 26801          | 38773         | 1.93%           | 0.268%        |
| 22        | 13.186      | 1873          | 1878        | 1884         | rVB2     | 70009          | 108929        | 5.43%           | 0.752%        |
| 23        | 13.363      | 1899          | 1907        | 1911         | rBV3     | 24977          | 43900         | 2.19%           | 0.303%        |
| 24        | 13.424      | 1911          | 1917        | 1926         | rVB      | 1099604        | 1663507       | 82.90%          | 11.477%       |
| 25        | 13.692      | 1955          | 1961        | 1965         | rVV2     | 21057          | 37298         | 1.86%           | 0.257%        |
| 26        | 13.967      | 1998          | 2006        | 2013         | rVB2     | 48034          | 85469         | 4.26%           | 0.590%        |
| 27        | 14.674      | 2118          | 2122        | 2130         | rVB      | 26231          | 41200         | 2.05%           | 0.284%        |
| 28        | 15.009      | 2171          | 2177        | 2182         | rBV      | 32429          | 53740         | 2.68%           | 0.371%        |
| 29        | 15.113      | 2189          | 2194        | 2200         | rBV4     | 18916          | 32781         | 1.63%           | 0.226%        |
| 30        | 15.235      | 2208          | 2214        | 2221         | rBV      | 30411          | 55560         | 2.77%           | 0.383%        |
| 31        | 15.320      | 2223          | 2228        | 2236         | rVV2     | 29782          | 49299         | 2.46%           | 0.340%        |
| 32        | 15.424      | 2236          | 2245        | 2252         | rVV3     | 29374          | 62619         | 3.12%           | 0.432%        |

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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\82Y062920S.M  
Title : SW846 8260

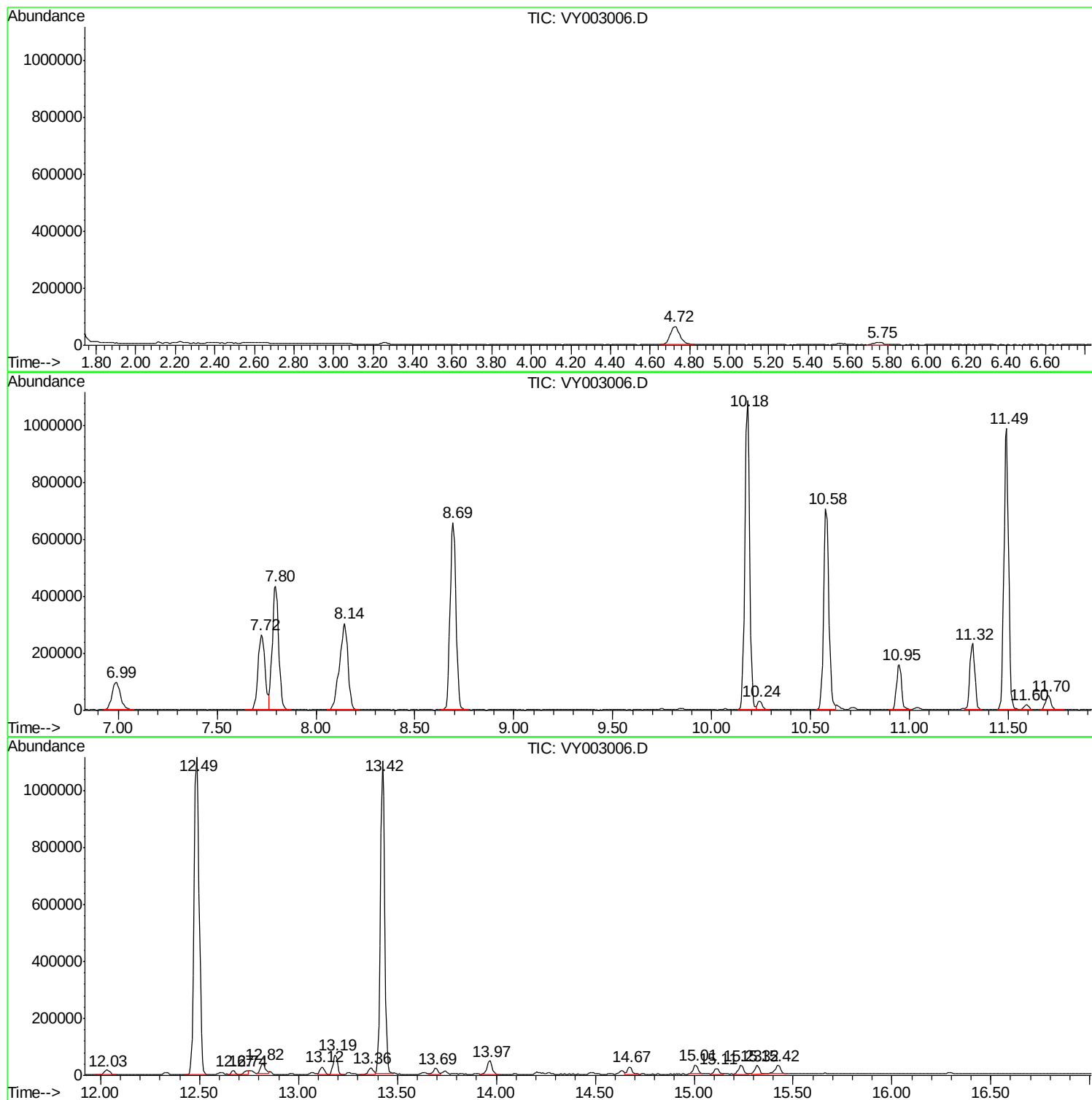
Sum of corrected areas: 14494174

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y062920S.M  
Quant Title : SW846 8260

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



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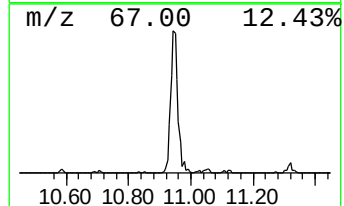
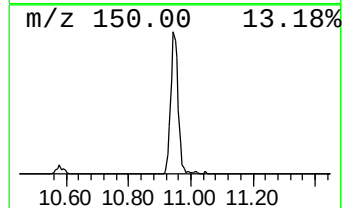
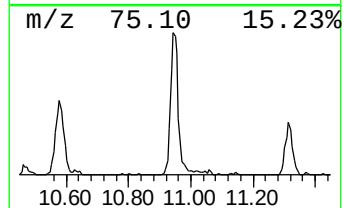
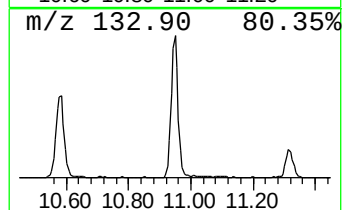
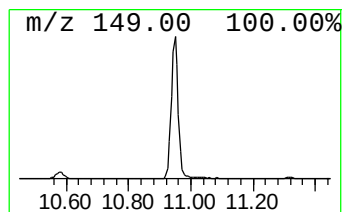
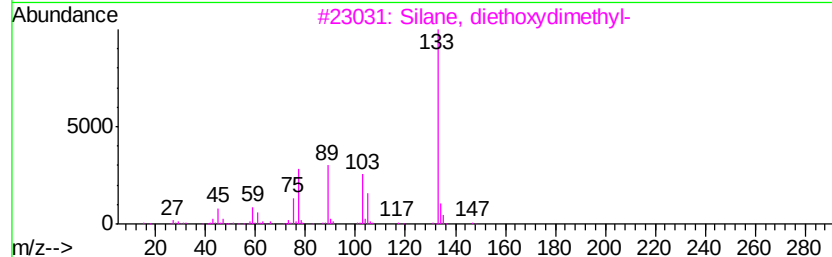
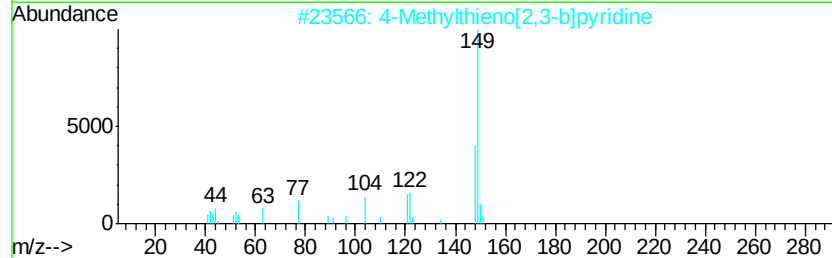
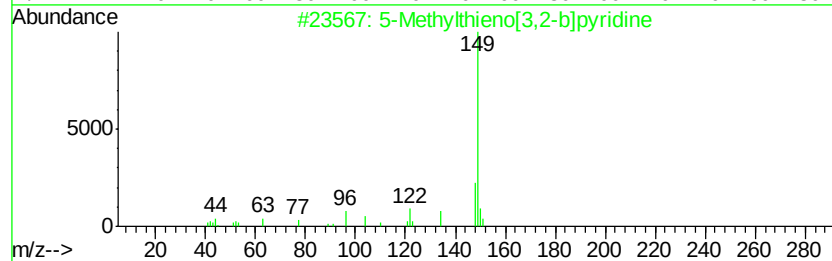
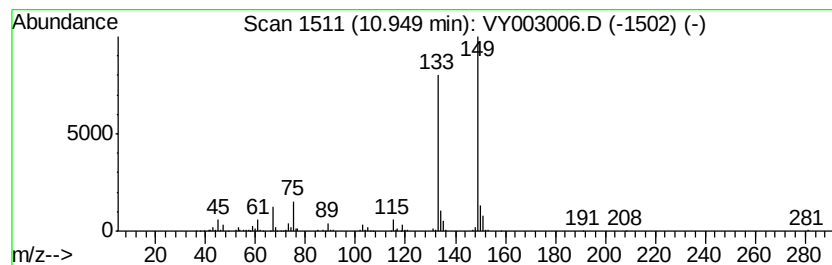
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TIC Library : C:\DATABASE\NIST11.L  
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Peak Number 3 unknown10.95 Concentration Rank 4

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.         |      |      |
|---------|-------------------------------------|--------------|------------------|--------------|------|------|
| 10.95   | 8.38 ug/l                           | 277438       | Chlorobenzene-d5 | 11.49        |      |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm      | CAS# | Qual |
| 1       | 5-Methylthieno[3,2-b]pyridine       | 149          | C8H7NS           | 001759-29-1  | 32   |      |
| 2       | 4-Methylthieno[2,3-b]pyridine       | 149          | C8H7NS           | 013362-81-7  | 25   |      |
| 3       | Silane, diethoxydimethyl-           | 148          | C6H16O2Si        | 000078-62-6  | 25   |      |
| 4       | 7-Methylthieno[3,2-b]pyridine       | 149          | C8H7NS           | 013362-83-9  | 25   |      |
| 5       | 1-(2,4-Dimethyl-phenyl)-2-(4H-[1... | 247          | C12H13N3OS       | 1000274-28-7 | 25   |      |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown10.95     | 10.95 | 8.4     | ug/l  | 277438   | 3                     | 11.49 | 1655730 | 50.0 |