

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\  
 Data File : VY002720.D  
 Acq On : 20 May 2020 10:42  
 Operator : SY/MD  
 Sample : VY0520SBL01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0520SBL01

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\82Y051520S.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       | 482           | 490         | 498          | rBV4     | 5407           | 18829         | 1.10%           | 0.158%        |
| 2         | 6.986       | 848           | 861         | 872          | rBV      | 44721          | 132088        | 7.75%           | 1.108%        |
| 3         | 7.724       | 970           | 982         | 987          | rBV      | 245885         | 574057        | 33.69%          | 4.815%        |
| 4         | 7.797       | 987           | 994         | 1007         | rVB      | 437965         | 993788        | 58.32%          | 8.335%        |
| 5         | 8.145       | 1033          | 1051        | 1063         | rBV2     | 250330         | 744854        | 43.71%          | 6.247%        |
| 6         | 8.693       | 1132          | 1141        | 1153         | rVB      | 638444         | 1246747       | 73.16%          | 10.457%       |
| 7         | 9.748       | 1302          | 1314        | 1322         | rBV3     | 9064           | 19890         | 1.17%           | 0.167%        |
| 8         | 10.181      | 1378          | 1385        | 1393         | rVB      | 1006364        | 1704047       | 100.00%         | 14.292%       |
| 9         | 10.577      | 1441          | 1450        | 1458         | rBV      | 512278         | 908097        | 53.29%          | 7.616%        |
| 10        | 10.949      | 1504          | 1511        | 1520         | rBV      | 104690         | 169340        | 9.94%           | 1.420%        |
| 11        | 11.321      | 1565          | 1572        | 1579         | rVB      | 244389         | 406347        | 23.85%          | 3.408%        |
| 12        | 11.491      | 1591          | 1600        | 1610         | rBV      | 889892         | 1468952       | 86.20%          | 12.320%       |
| 13        | 12.485      | 1754          | 1763        | 1772         | rBV2     | 924738         | 1645660       | 96.57%          | 13.803%       |
| 14        | 12.820      | 1811          | 1818        | 1828         | rVB3     | 16786          | 35179         | 2.06%           | 0.295%        |
| 15        | 13.186      | 1872          | 1878        | 1884         | rBV      | 53900          | 82448         | 4.84%           | 0.692%        |
| 16        | 13.424      | 1911          | 1917        | 1924         | rVB      | 958868         | 1448180       | 84.98%          | 12.146%       |
| 17        | 13.967      | 2000          | 2006        | 2011         | rBV      | 33017          | 53627         | 3.15%           | 0.450%        |
| 18        | 14.674      | 2118          | 2122        | 2128         | rVV      | 17425          | 32724         | 1.92%           | 0.274%        |
| 19        | 15.009      | 2171          | 2177        | 2181         | rBV2     | 18931          | 34879         | 2.05%           | 0.293%        |
| 20        | 15.113      | 2190          | 2194        | 2203         | rVB10    | 10933          | 25681         | 1.51%           | 0.215%        |
| 21        | 15.241      | 2205          | 2215        | 2221         | rBV      | 29013          | 66510         | 3.90%           | 0.558%        |
| 22        | 15.320      | 2222          | 2228        | 2235         | rVB      | 34802          | 54967         | 3.23%           | 0.461%        |
| 23        | 15.424      | 2238          | 2245        | 2255         | rVB3     | 26414          | 55946         | 3.28%           | 0.469%        |

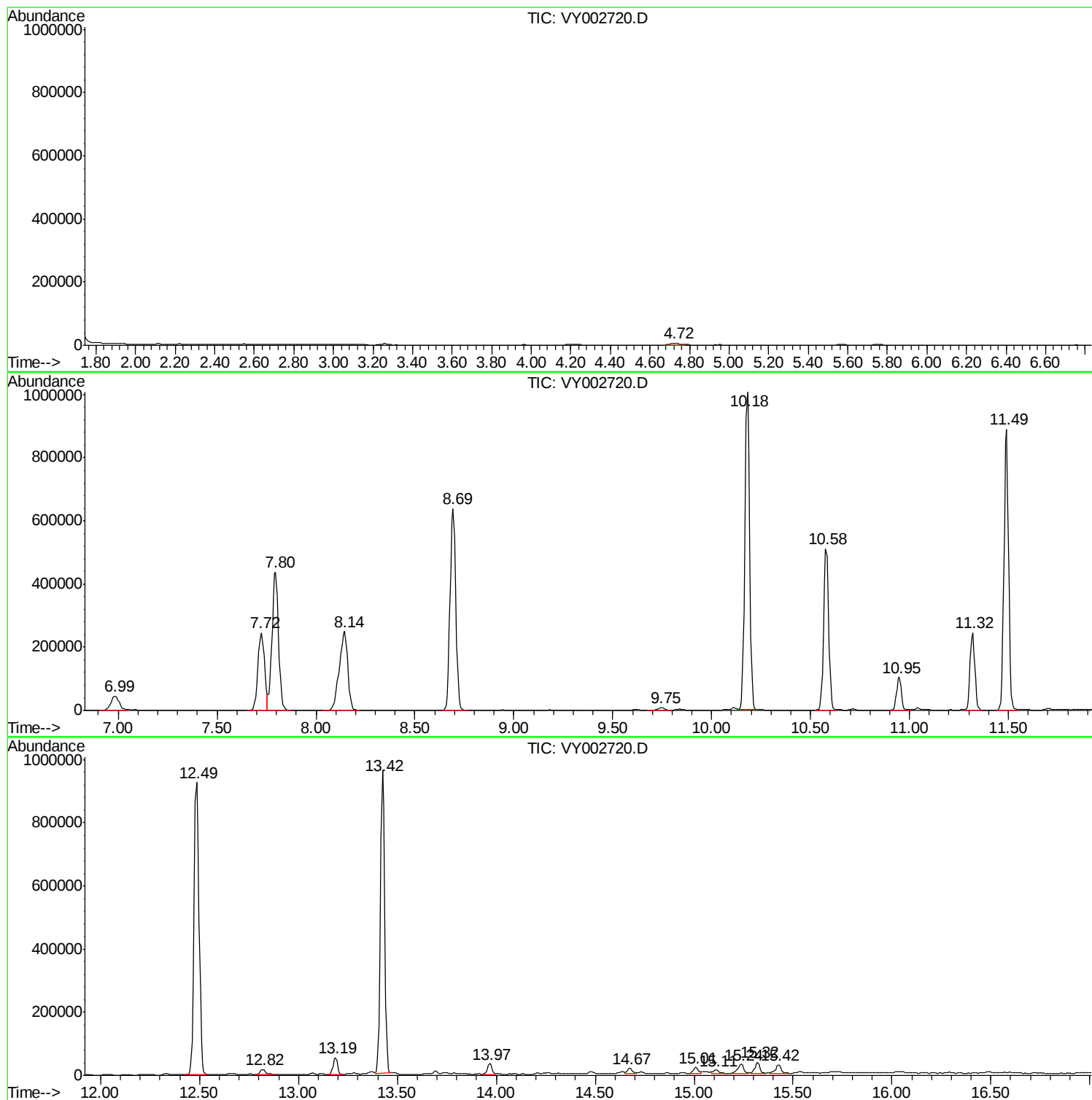
Sum of corrected areas: 11922837

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y051520S.M  
Quant Title : SW846 8260

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



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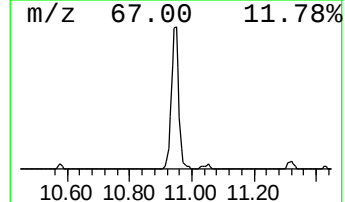
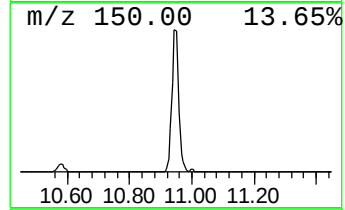
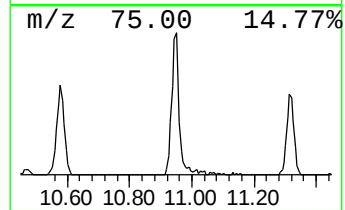
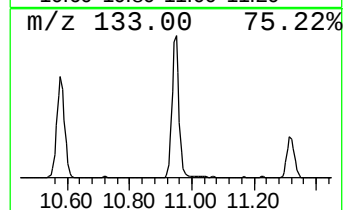
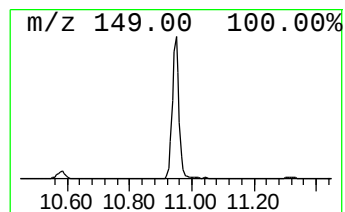
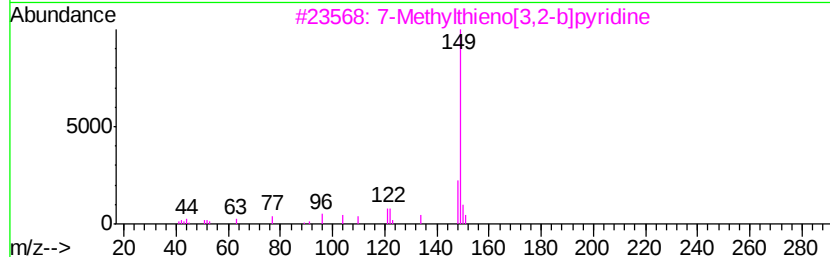
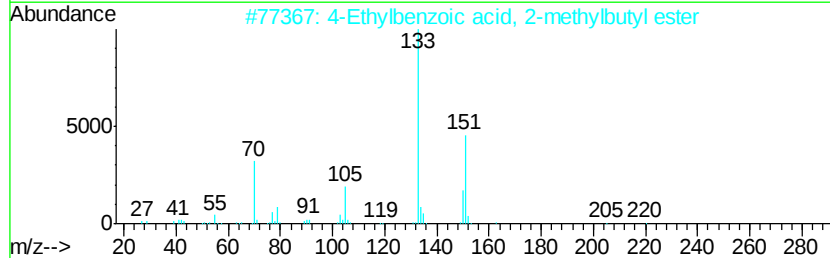
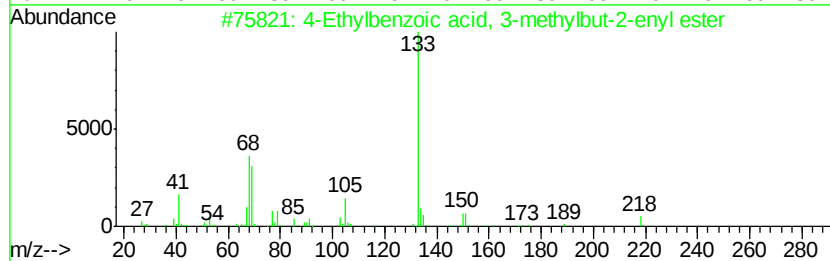
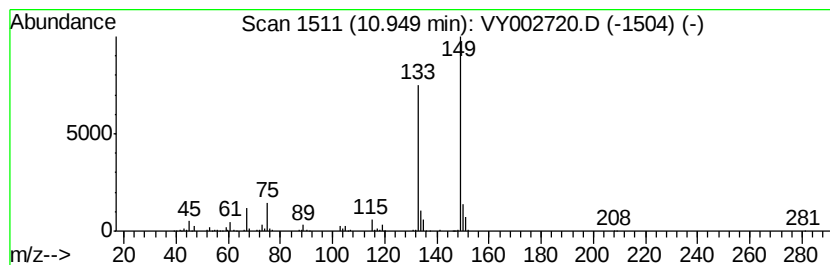
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Peak Number 3 unknown10.95 Concentration Rank 4

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 10.95 | 5.76 ug/l | 169340 | Chlorobenzene-d5 | 11.49 |

| Hit# of | 5                                   | Tentative ID | MW        | MolForm      | CAS# | Qual |
|---------|-------------------------------------|--------------|-----------|--------------|------|------|
| 1       | 4-Ethylbenzoic acid, 3-methylbut... | 218          | C14H18O2  | 1000292-54-1 | 38   |      |
| 2       | 4-Ethylbenzoic acid, 2-methylbut... | 220          | C14H20O2  | 1000331-30-8 | 25   |      |
| 3       | 7-Methylthieno[3,2-b]pyridine       | 149          | C8H7NS    | 013362-83-9  | 25   |      |
| 4       | Silane, diethoxydimethyl-           | 148          | C6H16O2Si | 000078-62-6  | 25   |      |
| 5       | 4-Ethylbenzoic acid, cyclohexyl ... | 232          | C15H20O2  | 1000293-32-1 | 23   |      |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown10.95     | 10.95 | 5.8     | ug/l  | 169340   | 3                     | 11.49 | 1468950 | 50.0 |