

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\  
 Data File : VY003340.D  
 Acq On : 24 Jul 2020 18:27  
 Operator : SY/MD  
 Sample : L3436-08  
 Misc : 6.92G/5ML/MSVOA Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 8

## 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\82Y071020S.M  
 Title : SW846 8260

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 4.724    | 479        | 490      | 505       | rVB2  | 54757       | 174510     | 13.58%       | 2.202%     |
| 2      | 7.730    | 973        | 983      | 988       | rBV   | 180621      | 439802     | 34.21%       | 5.550%     |
| 3      | 7.797    | 988        | 994      | 1006      | rVB   | 358618      | 807264     | 62.80%       | 10.188%    |
| 4      | 8.144    | 1040       | 1051     | 1062      | rBV   | 161844      | 362334     | 28.19%       | 4.573%     |
| 5      | 8.693    | 1130       | 1141     | 1151      | rBV   | 485881      | 967429     | 75.26%       | 12.209%    |
| 6      | 10.181   | 1377       | 1385     | 1392      | rBV   | 756026      | 1285414    | 100.00%      | 16.222%    |
| 7      | 10.242   | 1392       | 1395     | 1404      | rVB3  | 8567        | 16054      | 1.25%        | 0.203%     |
| 8      | 11.485   | 1592       | 1599     | 1606      | rBV   | 605434      | 1009821    | 78.56%       | 12.744%    |
| 9      | 11.589   | 1612       | 1616     | 1626      | rVB   | 9319        | 18467      | 1.44%        | 0.233%     |
| 10     | 11.699   | 1626       | 1634     | 1639      | rBV2  | 11355       | 26386      | 2.05%        | 0.333%     |
| 11     | 12.022   | 1680       | 1687     | 1695      | rVB6  | 10514       | 26799      | 2.08%        | 0.338%     |
| 12     | 12.333   | 1732       | 1738     | 1743      | rBV3  | 29970       | 51822      | 4.03%        | 0.654%     |
| 13     | 12.479   | 1753       | 1762     | 1770      | rBV   | 469465      | 724547     | 56.37%       | 9.144%     |
| 14     | 12.729   | 1797       | 1803     | 1806      | rBV   | 14568       | 25753      | 2.00%        | 0.325%     |
| 15     | 12.808   | 1812       | 1816     | 1821      | rVB2  | 30850       | 47348      | 3.68%        | 0.598%     |
| 16     | 12.887   | 1826       | 1829     | 1836      | rVB5  | 7815        | 13535      | 1.05%        | 0.171%     |
| 17     | 12.967   | 1836       | 1842     | 1848      | rBV   | 18740       | 32467      | 2.53%        | 0.410%     |
| 18     | 13.119   | 1861       | 1867     | 1872      | rBV   | 21250       | 36615      | 2.85%        | 0.462%     |
| 19     | 13.174   | 1872       | 1876     | 1882      | rVB2  | 10362       | 19192      | 1.49%        | 0.242%     |
| 20     | 13.314   | 1894       | 1899     | 1902      | rVV4  | 10400       | 22539      | 1.75%        | 0.284%     |
| 21     | 13.363   | 1905       | 1907     | 1911      | rVV   | 14204       | 20224      | 1.57%        | 0.255%     |
| 22     | 13.424   | 1911       | 1917     | 1927      | rVB   | 484344      | 810607     | 63.06%       | 10.230%    |
| 23     | 13.589   | 1940       | 1944     | 1946      | rBV3  | 11299       | 15465      | 1.20%        | 0.195%     |
| 24     | 13.625   | 1946       | 1950     | 1952      | rVV2  | 30388       | 44463      | 3.46%        | 0.561%     |
| 25     | 13.662   | 1952       | 1956     | 1965      | rVV3  | 30271       | 62883      | 4.89%        | 0.794%     |
| 26     | 13.741   | 1965       | 1969     | 1975      | rVV7  | 16753       | 30516      | 2.37%        | 0.385%     |
| 27     | 13.820   | 1978       | 1982     | 1986      | rVB2  | 11955       | 18448      | 1.44%        | 0.233%     |
| 28     | 13.881   | 1986       | 1992     | 1993      | rBV3  | 10010       | 13237      | 1.03%        | 0.167%     |
| 29     | 13.912   | 1995       | 1997     | 2002      | rVV   | 14489       | 20417      | 1.59%        | 0.258%     |
| 30     | 13.967   | 2002       | 2006     | 2013      | rVB2  | 45262       | 72438      | 5.64%        | 0.914%     |
| 31     | 14.076   | 2019       | 2024     | 2029      | rBV3  | 40840       | 72473      | 5.64%        | 0.915%     |
| 32     | 14.210   | 2040       | 2046     | 2050      | rBV4  | 15125       | 23981      | 1.87%        | 0.303%     |
| 33     | 14.296   | 2056       | 2060     | 2063      | rVV2  | 22535       | 34650      | 2.70%        | 0.437%     |
| 34     | 14.332   | 2063       | 2066     | 2070      | rVB   | 34208       | 46325      | 3.60%        | 0.585%     |

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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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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\82Y071020S.M  
Title : SW846 8260

|    |        |      |      |      |       |       |        |        |        |
|----|--------|------|------|------|-------|-------|--------|--------|--------|
| 35 | 14.375 | 2070 | 2073 | 2077 | rBV3  | 18462 | 28076  | 2.18%  | 0.354% |
| 36 | 14.424 | 2077 | 2081 | 2084 | rBV6  | 10087 | 15188  | 1.18%  | 0.192% |
| 37 | 14.564 | 2100 | 2104 | 2109 | rBV3  | 15260 | 25610  | 1.99%  | 0.323% |
| 38 | 14.613 | 2109 | 2112 | 2116 | rVB4  | 15194 | 19746  | 1.54%  | 0.249% |
| 39 | 14.674 | 2116 | 2122 | 2129 | rBV3  | 63877 | 143299 | 11.15% | 1.808% |
| 40 | 14.741 | 2129 | 2133 | 2137 | rBV3  | 13695 | 20814  | 1.62%  | 0.263% |
| 41 | 14.832 | 2143 | 2148 | 2152 | rBV4  | 26082 | 39175  | 3.05%  | 0.494% |
| 42 | 14.942 | 2160 | 2166 | 2169 | rBV6  | 22577 | 40520  | 3.15%  | 0.511% |
| 43 | 15.052 | 2179 | 2184 | 2189 | rBV3  | 21903 | 38195  | 2.97%  | 0.482% |
| 44 | 15.235 | 2211 | 2214 | 2218 | rVB4  | 8146  | 13482  | 1.05%  | 0.170% |
| 45 | 15.290 | 2218 | 2223 | 2226 | rBV6  | 11041 | 19295  | 1.50%  | 0.244% |
| 46 | 15.521 | 2256 | 2261 | 2265 | rBV4  | 9835  | 20734  | 1.61%  | 0.262% |
| 47 | 15.686 | 2279 | 2288 | 2291 | rBV7  | 12948 | 33076  | 2.57%  | 0.417% |
| 48 | 15.820 | 2305 | 2310 | 2315 | rBV9  | 7253  | 18958  | 1.47%  | 0.239% |
| 49 | 15.887 | 2316 | 2321 | 2326 | rVB8  | 7013  | 14428  | 1.12%  | 0.182% |
| 50 | 16.027 | 2339 | 2344 | 2350 | rBV10 | 10517 | 23874  | 1.86%  | 0.301% |
| 51 | 16.289 | 2382 | 2387 | 2393 | rVB8  | 8369  | 15319  | 1.19%  | 0.193% |

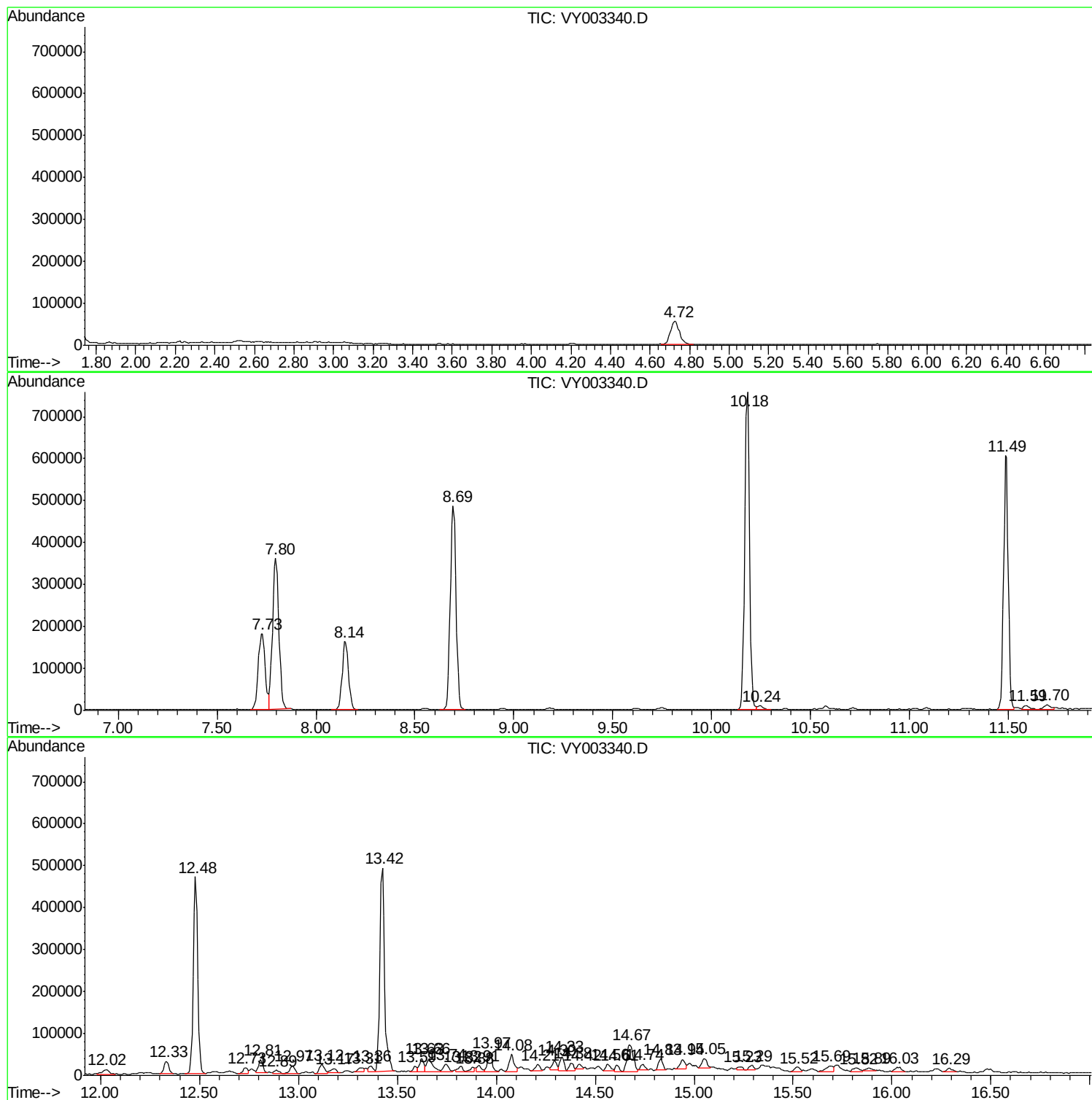
Sum of corrected areas: 7924014

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y071020S.M  
Quant Title : SW846 8260

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



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Instrument :  
MSVOA\_Y  
ClientSampled :  
8

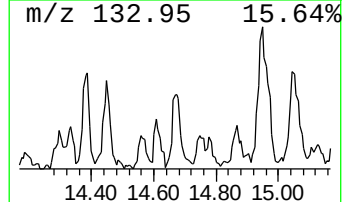
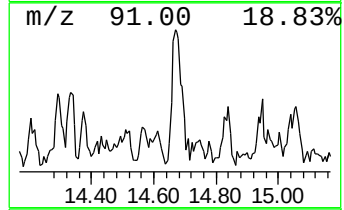
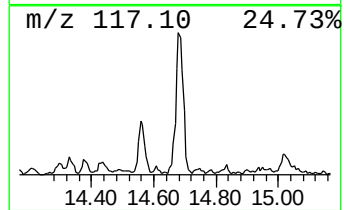
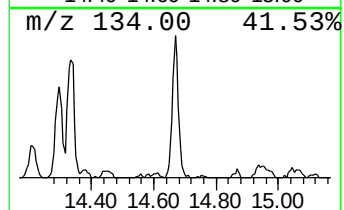
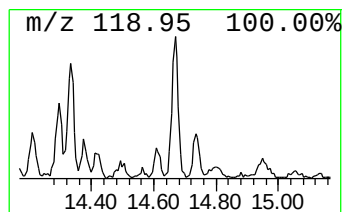
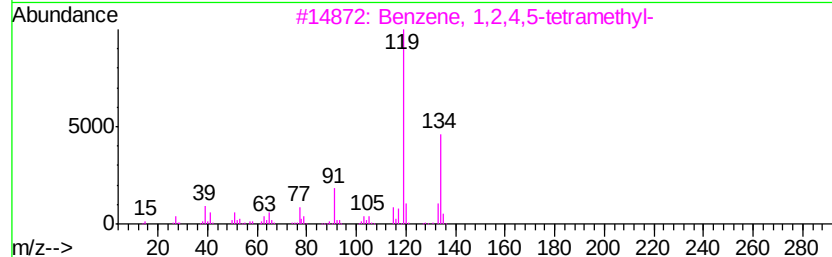
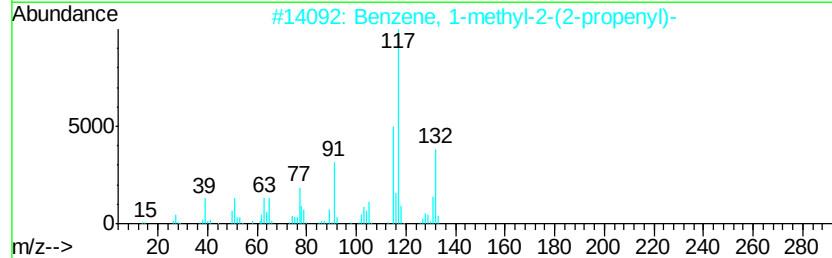
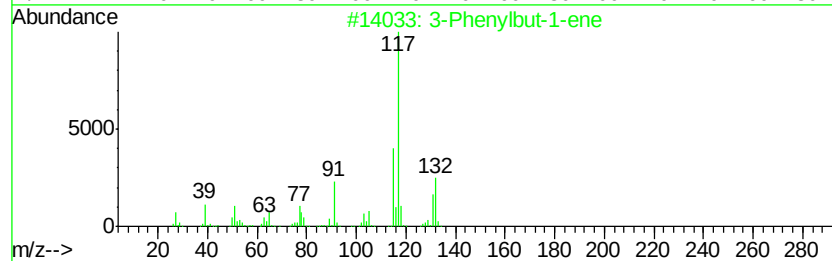
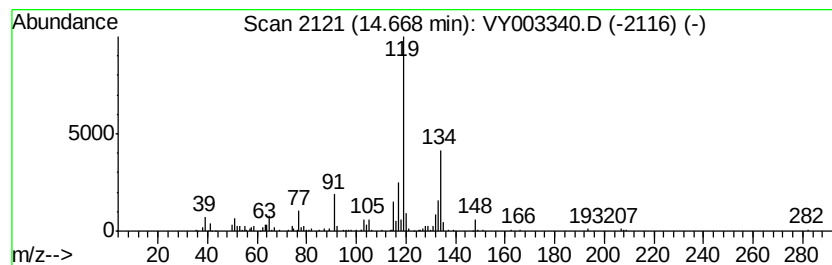
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y071020S.M  
Quant Title : SW846 8260

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

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Peak Number 1 3-Phenylbut-1-ene Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 14.67 | 8.84 ug/l | 143299 | 1,4-Dichlorobenzene-d4 | 13.42 |

| Hit# | of | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 3-Phenylbut-1-ene                 | 132 | C10H12  | 000934-10-1 | 70   |
| 2    |    | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 70   |
| 3    |    | Benzene, 1,2,4,5-tetramethyl-     | 134 | C10H14  | 000095-93-2 | 64   |
| 4    |    | Benzene, 1-ethyl-2,4-dimethyl-    | 134 | C10H14  | 000874-41-9 | 60   |
| 5    |    | o-Cymene                          | 134 | C10H14  | 000527-84-4 | 60   |



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| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                   |       |         |       |          | #                     | RT    | Resp   | Conc |
| 3-Phenylbut-1-ene | 14.67 | 8.8     | ug/l  | 143299   | 4                     | 13.42 | 810607 | 50.0 |