

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\  
 Data File : VW015230.D  
 Acq On : 20 Apr 2020 18:25  
 Operator : SY/VA  
 Sample : L2330-03  
 Misc : 5.34G/5ML/MSVOA W/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WB-10-1

## 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\_W\METHOD\82W042020S.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         | 1.959       | 6             | 9           | 21           | rVB3     | 3984           | 8350          | 1.01%           | 0.163%        |
| 2         | 2.154       | 35            | 41          | 47           | rBV      | 7843           | 16081         | 1.95%           | 0.313%        |
| 3         | 2.648       | 116           | 122         | 132          | rVB9     | 5911           | 15052         | 1.83%           | 0.293%        |
| 4         | 4.135       | 357           | 366         | 373          | rBV2     | 3155           | 9426          | 1.15%           | 0.184%        |
| 5         | 4.921       | 488           | 495         | 506          | rBV2     | 6667           | 20717         | 2.52%           | 0.404%        |
| 6         | 7.135       | 848           | 858         | 872          | rBV      | 21505          | 66321         | 8.06%           | 1.292%        |
| 7         | 7.890       | 971           | 982         | 986          | rBV      | 105130         | 250291        | 30.42%          | 4.875%        |
| 8         | 7.951       | 986           | 992         | 1001         | rVB      | 231575         | 521056        | 63.32%          | 10.150%       |
| 9         | 8.305       | 1033          | 1050        | 1061         | rBV      | 94021          | 221466        | 26.91%          | 4.314%        |
| 10        | 8.842       | 1128          | 1138        | 1149         | rBV      | 293411         | 588615        | 71.53%          | 11.466%       |
| 11        | 10.323      | 1373          | 1381        | 1388         | rBV      | 460214         | 822872        | 100.00%         | 16.029%       |
| 12        | 10.390      | 1388          | 1392        | 1396         | rVV2     | 5662           | 12134         | 1.47%           | 0.236%        |
| 13        | 10.701      | 1436          | 1443        | 1449         | rBV      | 18470          | 33872         | 4.12%           | 0.660%        |
| 14        | 11.061      | 1496          | 1502        | 1513         | rBV      | 29262          | 52500         | 6.38%           | 1.023%        |
| 15        | 11.439      | 1559          | 1564        | 1571         | rVB2     | 12673          | 22438         | 2.73%           | 0.437%        |
| 16        | 11.628      | 1588          | 1595        | 1604         | rBV      | 399112         | 676995        | 82.27%          | 13.187%       |
| 17        | 12.420      | 1712          | 1725        | 1727         | rBV6     | 4850           | 15805         | 1.92%           | 0.308%        |
| 18        | 12.469      | 1729          | 1733        | 1748         | rVB3     | 19138          | 39537         | 4.80%           | 0.770%        |
| 19        | 12.615      | 1749          | 1757        | 1770         | rBV2     | 339073         | 595236        | 72.34%          | 11.595%       |
| 20        | 12.865      | 1789          | 1798        | 1804         | rVV7     | 9887           | 40489         | 4.92%           | 0.789%        |
| 21        | 12.926      | 1805          | 1808        | 1820         | rVB5     | 14002          | 34775         | 4.23%           | 0.677%        |
| 22        | 13.298      | 1862          | 1869        | 1884         | rVB5     | 21294          | 70686         | 8.59%           | 1.377%        |
| 23        | 13.444      | 1885          | 1893        | 1905         | rVB7     | 9718           | 40365         | 4.91%           | 0.786%        |
| 24        | 13.560      | 1905          | 1912        | 1919         | rBV      | 350114         | 584167        | 70.99%          | 11.379%       |
| 25        | 13.871      | 1954          | 1963        | 1970         | rBV3     | 12806          | 38457         | 4.67%           | 0.749%        |
| 26        | 14.072      | 1991          | 1996        | 2004         | rVB      | 20988          | 39712         | 4.83%           | 0.774%        |
| 27        | 14.542      | 2066          | 2073        | 2087         | rVB7     | 8635           | 35149         | 4.27%           | 0.685%        |
| 28        | 14.725      | 2098          | 2103        | 2111         | rBV3     | 13484          | 24125         | 2.93%           | 0.470%        |
| 29        | 14.944      | 2131          | 2139        | 2151         | rVB2     | 35881          | 119130        | 14.48%          | 2.321%        |
| 30        | 15.157      | 2167          | 2174        | 2181         | rVV10    | 4321           | 12242         | 1.49%           | 0.238%        |
| 31        | 15.249      | 2184          | 2189        | 2197         | rVV10    | 5316           | 12096         | 1.47%           | 0.236%        |
| 32        | 15.322      | 2197          | 2201        | 2204         | rVV5     | 5874           | 10435         | 1.27%           | 0.203%        |
| 33        | 15.365      | 2205          | 2208        | 2214         | rVV      | 10048          | 17966         | 2.18%           | 0.350%        |
| 34        | 15.438      | 2216          | 2220        | 2224         | rVV2     | 10164          | 18487         | 2.25%           | 0.360%        |

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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\_W\METHOD\82W042020S.M  
Title : SW846 8260

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 35 | 15.493 | 2224 | 2229 | 2235 | rVV2 | 7016 | 15388 | 1.87% | 0.300% |
| 36 | 15.554 | 2235 | 2239 | 2246 | rVB4 | 6952 | 12271 | 1.49% | 0.239% |
| 37 | 16.639 | 2411 | 2417 | 2429 | rVB7 | 5720 | 19067 | 2.32% | 0.371% |

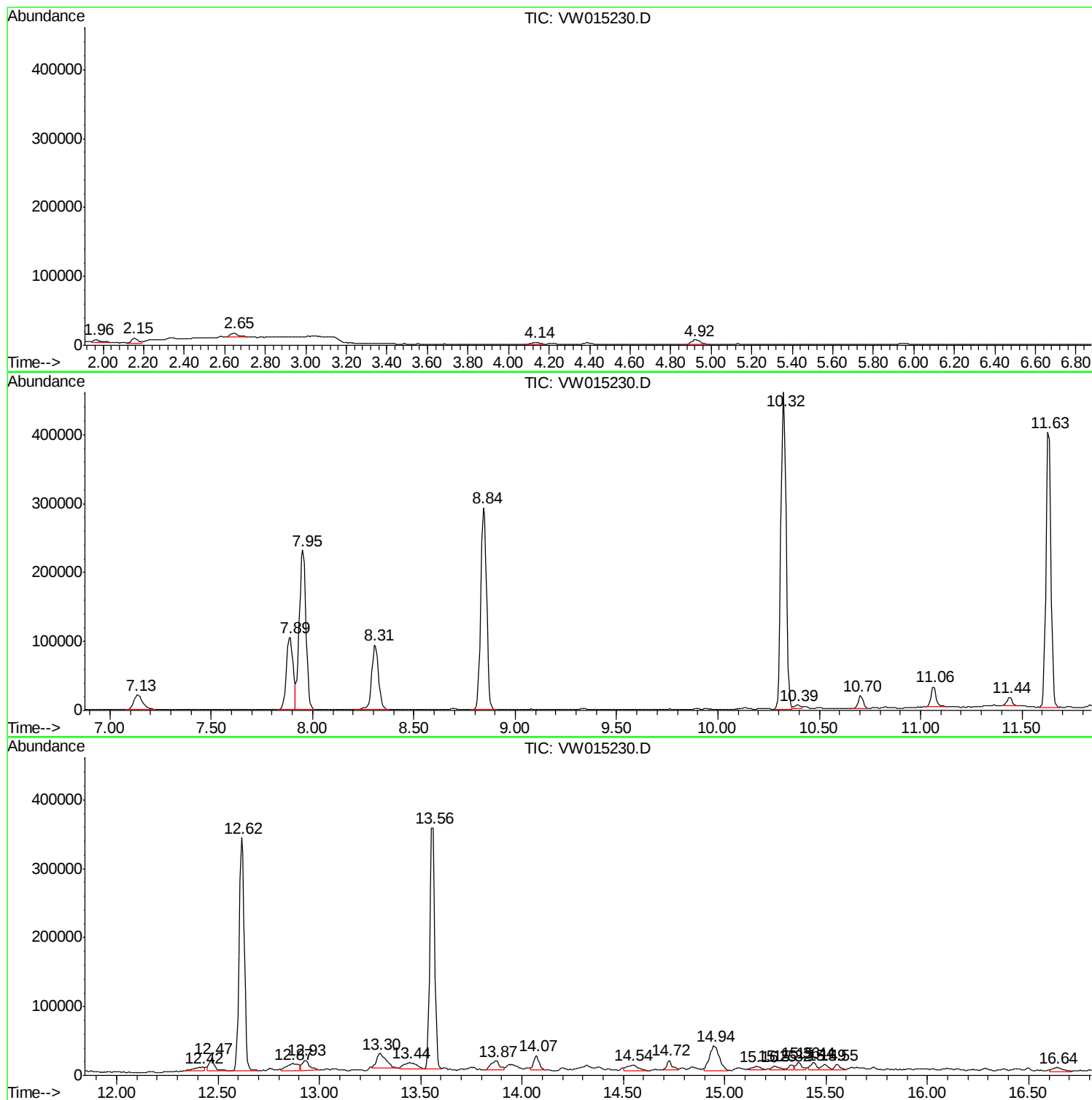
Sum of corrected areas: 5133771

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W042020S.M  
Quant Title : SW846 8260

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



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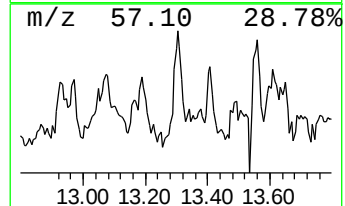
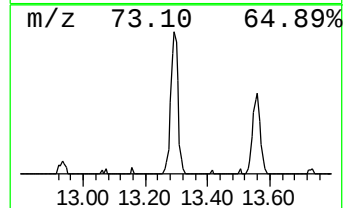
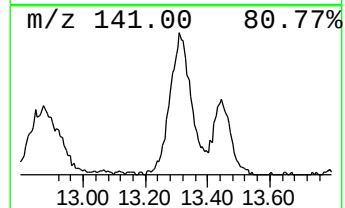
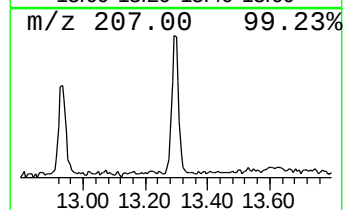
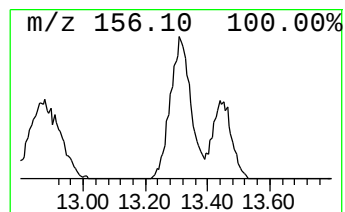
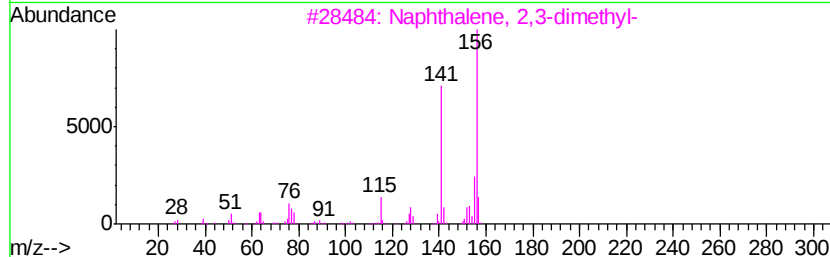
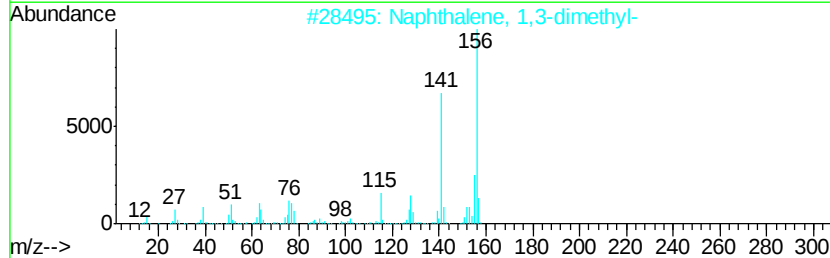
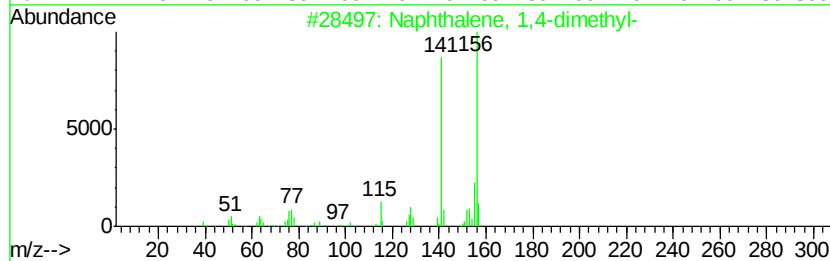
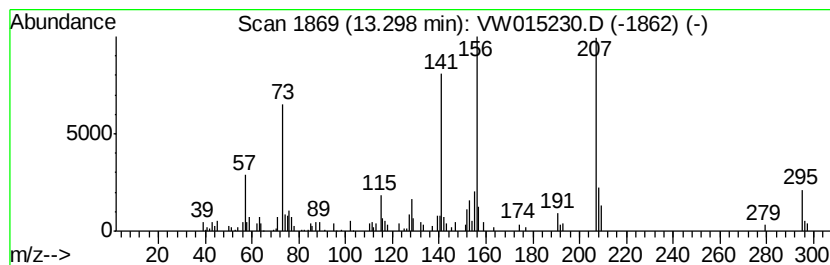
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Quant Title : SW846 8260

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

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Peak Number 1 Naphthalene, 1,4-dimethyl- Concentration Rank 2

| R.T.    | EstConc   | Area                       | Relative to ISTD       | R.T.           |
|---------|-----------|----------------------------|------------------------|----------------|
| 13.30   | 6.05 ug/l | 70686                      | 1,4-Dichlorobenzene-d4 | 13.56          |
| Hit# of | 5         | Tentative ID               | MW MolForm             | CAS# Qual      |
| 1       |           | Naphthalene, 1,4-dimethyl- | 156 C12H12             | 000571-58-4 95 |
| 2       |           | Naphthalene, 1,3-dimethyl- | 156 C12H12             | 000575-41-7 90 |
| 3       |           | Naphthalene, 2,3-dimethyl- | 156 C12H12             | 000581-40-8 90 |
| 4       |           | Naphthalene, 1,8-dimethyl- | 156 C12H12             | 000569-41-5 90 |
| 5       |           | Naphthalene, 1,7-dimethyl- | 156 C12H12             | 000575-37-1 90 |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Naphthalene, 1,4-... | 13.30 | 6.0     | ug/l  | 70686    | 4                     | 13.56 | 584167 | 50.0 |