

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\  
 Data File : VW010661.D  
 Acq On : 03 Jun 2019 16:00  
 Operator : SY/VA  
 Sample : K3138-05  
 Misc : 5.04G/5ML/MSVOA W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 B-09-1.5-2.0

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\82W052019S.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         | 2.629       | 115           | 119         | 125          | rVB4     | 2980           | 5555          | 1.24%           | 0.210%        |
| 2         | 4.379       | 396           | 406         | 420          | rBV4     | 2818           | 9255          | 2.06%           | 0.351%        |
| 3         | 4.922       | 482           | 495         | 505          | rBV4     | 4864           | 15300         | 3.41%           | 0.580%        |
| 4         | 7.141       | 848           | 859         | 867          | rBV      | 9080           | 25483         | 5.68%           | 0.966%        |
| 5         | 7.885       | 972           | 981         | 986          | rBV      | 58726          | 137514        | 30.67%          | 5.210%        |
| 6         | 7.952       | 986           | 992         | 1003         | rVB      | 119941         | 261978        | 58.43%          | 9.926%        |
| 7         | 8.256       | 1034          | 1042        | 1046         | rBV      | 30458          | 77552         | 17.30%          | 2.938%        |
| 8         | 8.305       | 1046          | 1050        | 1059         | rVB      | 51847          | 111306        | 24.83%          | 4.217%        |
| 9         | 8.842       | 1129          | 1138        | 1148         | rBV      | 159939         | 316631        | 70.62%          | 11.997%       |
| 10        | 10.323      | 1373          | 1381        | 1389         | rBV      | 253180         | 448357        | 100.00%         | 16.988%       |
| 11        | 10.707      | 1435          | 1444        | 1449         | rBV      | 6211           | 11307         | 2.52%           | 0.428%        |
| 12        | 11.439      | 1557          | 1564        | 1573         | rVB      | 3229           | 5561          | 1.24%           | 0.211%        |
| 13        | 11.634      | 1586          | 1596        | 1607         | rBV      | 214507         | 360724        | 80.45%          | 13.668%       |
| 14        | 11.731      | 1607          | 1612        | 1618         | rVB      | 7974           | 12926         | 2.88%           | 0.490%        |
| 15        | 11.841      | 1624          | 1630        | 1640         | rVB3     | 4766           | 10238         | 2.28%           | 0.388%        |
| 16        | 12.164      | 1678          | 1683        | 1691         | rVB2     | 7782           | 14118         | 3.15%           | 0.535%        |
| 17        | 12.622      | 1750          | 1758        | 1766         | rBV      | 173597         | 287701        | 64.17%          | 10.901%       |
| 18        | 12.871      | 1791          | 1799        | 1801         | rBV2     | 5022           | 6896          | 1.54%           | 0.261%        |
| 19        | 12.945      | 1807          | 1811        | 1817         | rVB2     | 5693           | 9640          | 2.15%           | 0.365%        |
| 20        | 13.109      | 1829          | 1838        | 1844         | rBV6     | 1808           | 4747          | 1.06%           | 0.180%        |
| 21        | 13.256      | 1857          | 1862        | 1866         | rBV2     | 3685           | 5902          | 1.32%           | 0.224%        |
| 22        | 13.560      | 1904          | 1912        | 1920         | rBV      | 218101         | 353443        | 78.83%          | 13.392%       |
| 23        | 13.762      | 1940          | 1945        | 1955         | rBV2     | 30836          | 50446         | 11.25%          | 1.911%        |
| 24        | 13.877      | 1958          | 1964        | 1969         | rBV5     | 5839           | 10196         | 2.27%           | 0.386%        |
| 25        | 13.944      | 1969          | 1975        | 1979         | rBV4     | 3947           | 7268          | 1.62%           | 0.275%        |
| 26        | 14.390      | 2043          | 2048        | 2052         | rBV4     | 5626           | 9753          | 2.18%           | 0.370%        |
| 27        | 14.554      | 2071          | 2075        | 2080         | rVB7     | 5366           | 9790          | 2.18%           | 0.371%        |
| 28        | 14.737      | 2102          | 2105        | 2110         | rVB5     | 3244           | 4681          | 1.04%           | 0.177%        |
| 29        | 14.859      | 2121          | 2125        | 2130         | rVB8     | 3523           | 6923          | 1.54%           | 0.262%        |
| 30        | 14.975      | 2139          | 2144        | 2147         | rBV6     | 3102           | 5823          | 1.30%           | 0.221%        |
| 31        | 15.072      | 2155          | 2160        | 2164         | rVB6     | 3075           | 6252          | 1.39%           | 0.237%        |
| 32        | 15.133      | 2164          | 2170        | 2173         | rBV7     | 3371           | 6298          | 1.40%           | 0.239%        |
| 33        | 15.371      | 2205          | 2209        | 2213         | rVV2     | 4319           | 7052          | 1.57%           | 0.267%        |
| 34        | 15.414      | 2213          | 2216        | 2218         | rBV3     | 3873           | 5047          | 1.13%           | 0.191%        |

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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\_W\METHOD\82W052019S.M  
Title : SW846 8260

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 35 | 16.383 | 2370 | 2375 | 2381 | rVB8 | 3569 | 6684  | 1.49% | 0.253% |
| 36 | 16.639 | 2412 | 2417 | 2422 | rBV8 | 5194 | 10887 | 2.43% | 0.413% |

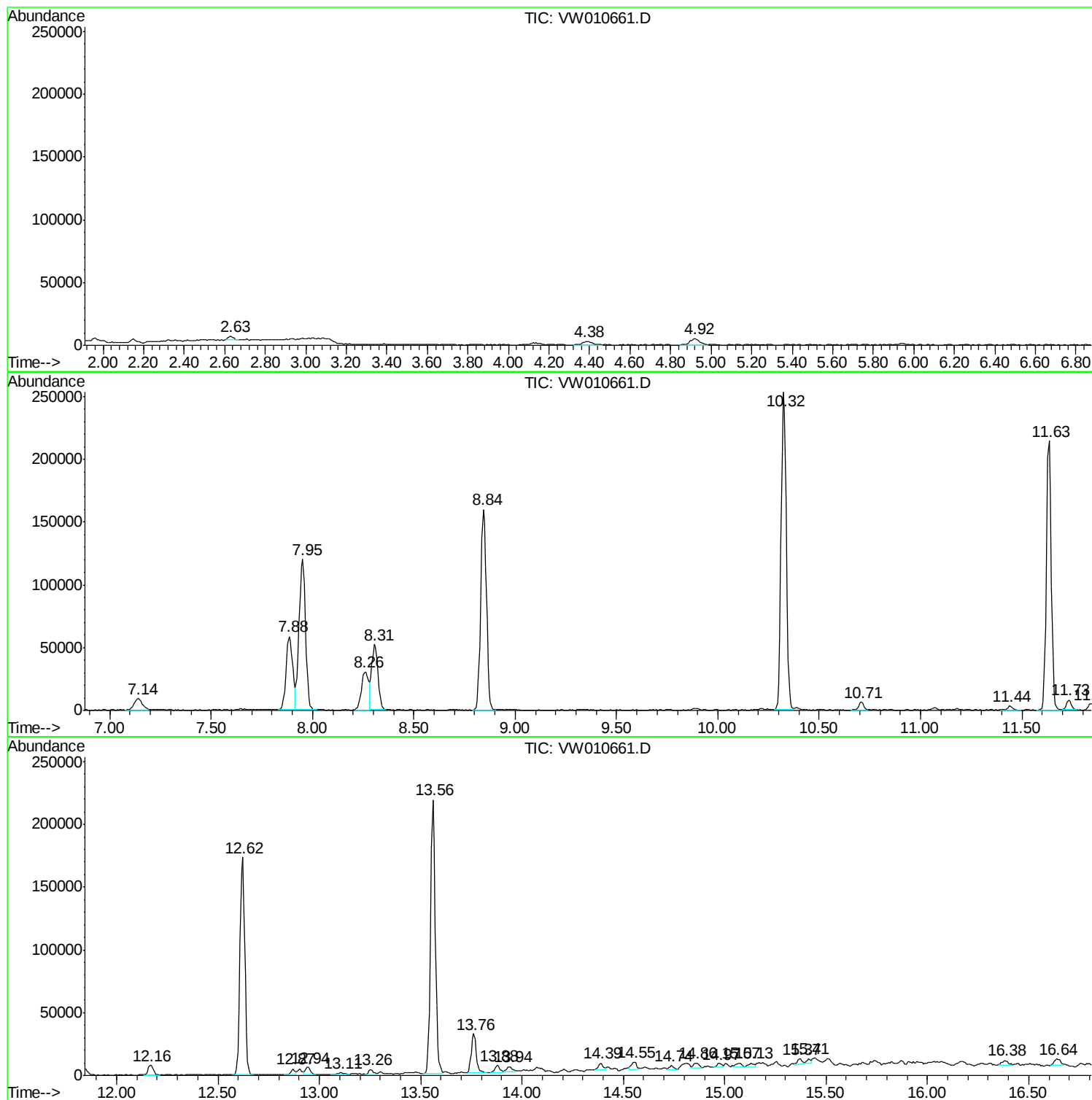
Sum of corrected areas: 2639234

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

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



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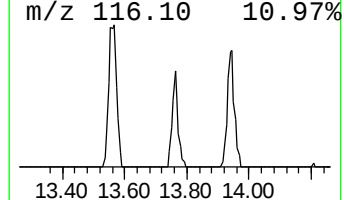
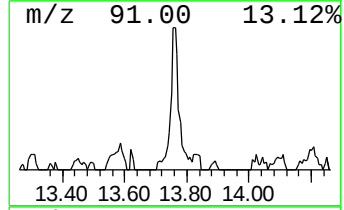
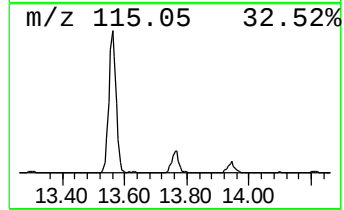
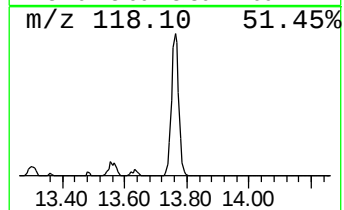
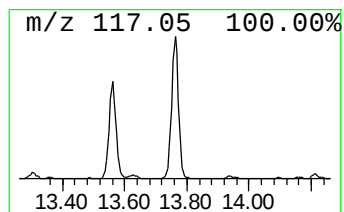
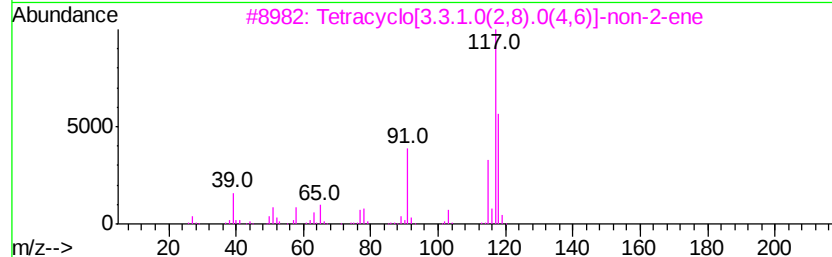
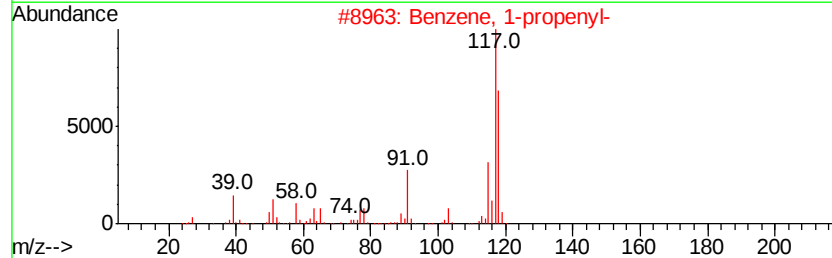
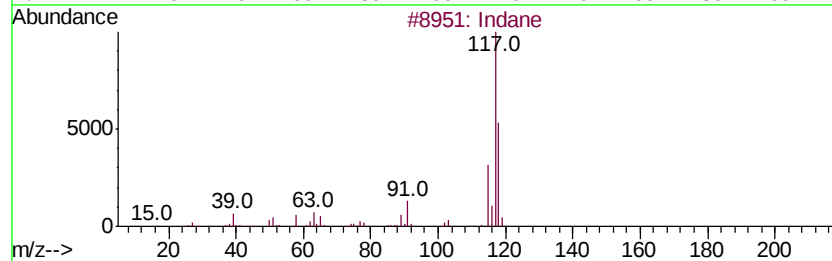
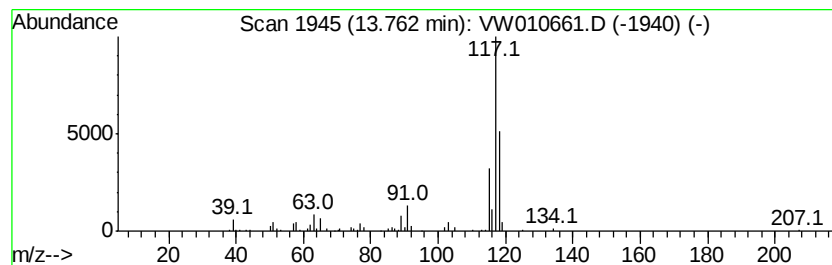
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Indane Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 13.76 | 7.14 ug/l | 50446 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Indane                              | 118 | C9H10   | 000496-11-7  | 94   |
| 2    |    | Benzene, 1-propenyl-                | 118 | C9H10   | 000637-50-3  | 83   |
| 3    |    | Tetracyclo[3.3.1.0(2,8).0(4,6)]-    | 118 | C9H10   | 1000191-13-7 | 80   |
| 4    |    | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4  | 80   |
| 5    |    | 1,3-Methanopentalene, 1,2,3,5-te... | 118 | C9H10   | 128600-88-4  | 72   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Indane           | 13.76 | 7.1     | ug/l  | 50446    | 4                     | 13.56 | 353443 | 50.0 |