

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\  
 Data File : VY000880.D  
 Acq On : 05 Dec 2019 14:11  
 Operator : SY/MD  
 Sample : K6147-04  
 Misc : 5.19G/5ML/MSVOA Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P001-WC004

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\82Y112719S.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         | 505          | rVB3     | 11983          | 39616         | 3.06%           | 0.475%        |
| 2         | 6.992       | 851           | 862         | 878          | rBV2     | 36179          | 115858        | 8.94%           | 1.390%        |
| 3         | 7.730       | 973           | 983         | 989          | rBV      | 171961         | 407169        | 31.44%          | 4.885%        |
| 4         | 7.803       | 989           | 995         | 1006         | rVB      | 285105         | 631173        | 48.73%          | 7.573%        |
| 5         | 8.151       | 1039          | 1052        | 1064         | rVB3     | 198833         | 561746        | 43.37%          | 6.740%        |
| 6         | 8.699       | 1133          | 1142        | 1154         | rBV      | 468708         | 944063        | 72.89%          | 11.327%       |
| 7         | 8.943       | 1175          | 1182        | 1191         | rBV3     | 28048          | 53218         | 4.11%           | 0.639%        |
| 8         | 9.620       | 1286          | 1293        | 1299         | rVB3     | 7688           | 13682         | 1.06%           | 0.164%        |
| 9         | 9.748       | 1307          | 1314        | 1323         | rBV2     | 18630          | 37976         | 2.93%           | 0.456%        |
| 10        | 10.181      | 1378          | 1385        | 1393         | rVV      | 781100         | 1295242       | 100.00%         | 15.541%       |
| 11        | 10.290      | 1393          | 1403        | 1409         | rVB6     | 8180           | 22845         | 1.76%           | 0.274%        |
| 12        | 10.583      | 1441          | 1451        | 1456         | rBV2     | 29825          | 57852         | 4.47%           | 0.694%        |
| 13        | 10.717      | 1465          | 1473        | 1483         | rVB      | 486596         | 821344        | 63.41%          | 9.855%        |
| 14        | 10.943      | 1505          | 1510        | 1517         | rBV3     | 15625          | 27829         | 2.15%           | 0.334%        |
| 15        | 11.321      | 1566          | 1572        | 1578         | rVB2     | 22786          | 38872         | 3.00%           | 0.466%        |
| 16        | 11.491      | 1590          | 1600        | 1608         | rBV      | 679409         | 1120378       | 86.50%          | 13.442%       |
| 17        | 12.479      | 1754          | 1762        | 1770         | rBV      | 536752         | 861128        | 66.48%          | 10.332%       |
| 18        | 12.839      | 1812          | 1821        | 1829         | rBV      | 77005          | 128668        | 9.93%           | 1.544%        |
| 19        | 13.064      | 1854          | 1858        | 1863         | rVB2     | 8825           | 13158         | 1.02%           | 0.158%        |
| 20        | 13.180      | 1872          | 1877        | 1883         | rVB3     | 11559          | 19763         | 1.53%           | 0.237%        |
| 21        | 13.241      | 1883          | 1887        | 1890         | rBV3     | 8713           | 15446         | 1.19%           | 0.185%        |
| 22        | 13.284      | 1890          | 1894        | 1899         | rVB5     | 13882          | 21026         | 1.62%           | 0.252%        |
| 23        | 13.424      | 1907          | 1917        | 1923         | rBV      | 648567         | 1009982       | 77.98%          | 12.118%       |
| 24        | 13.479      | 1923          | 1926        | 1932         | rVB3     | 11346          | 21429         | 1.65%           | 0.257%        |
| 25        | 13.967      | 1999          | 2006        | 2014         | rVB3     | 11136          | 23894         | 1.84%           | 0.287%        |
| 26        | 15.320      | 2223          | 2228        | 2231         | rVB3     | 9208           | 14694         | 1.13%           | 0.176%        |
| 27        | 15.948      | 2326          | 2331        | 2339         | rVB8     | 8195           | 16553         | 1.28%           | 0.199%        |

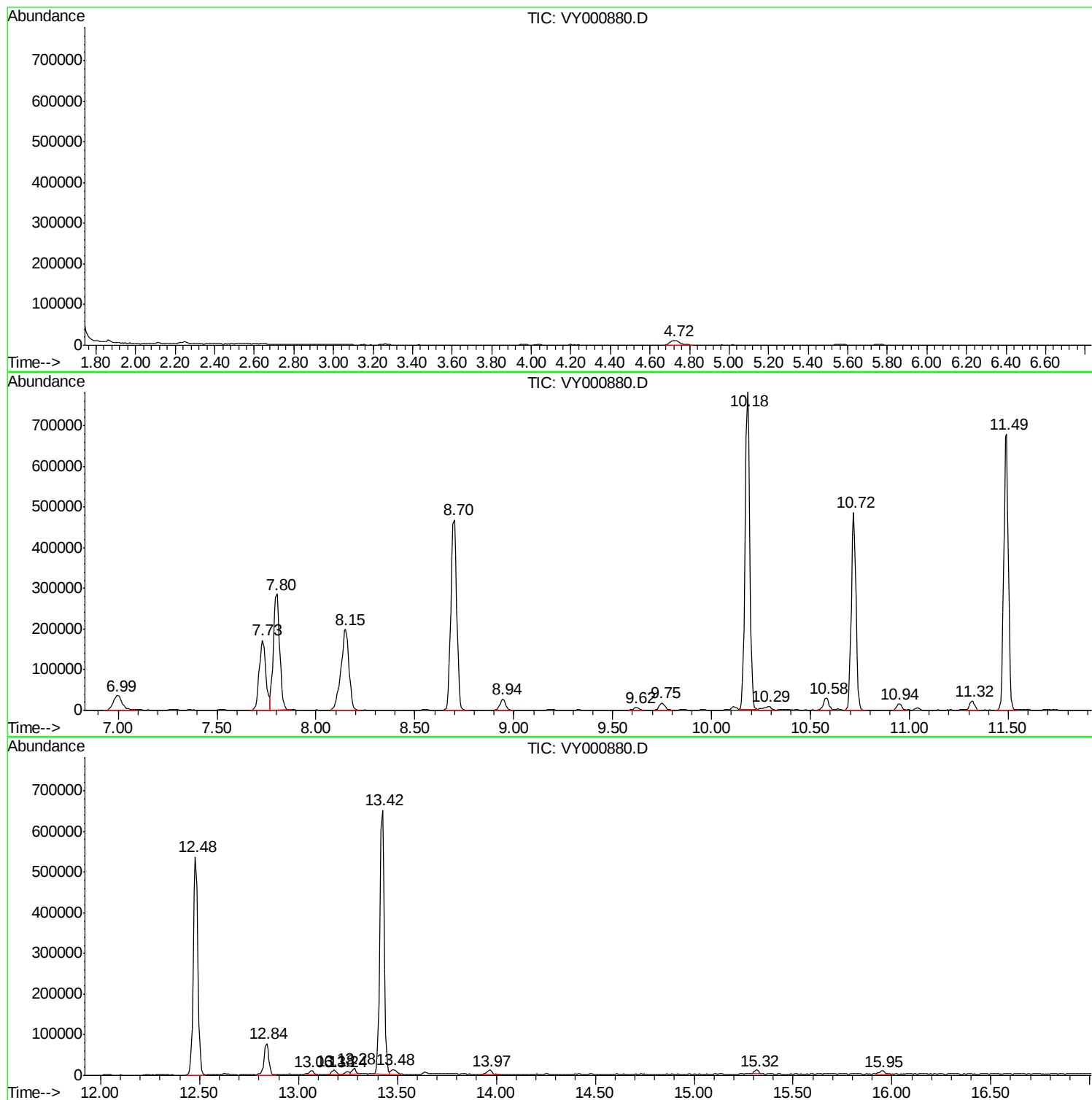
Sum of corrected areas: 8334604

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P001-WC004

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y112719S.M  
Quant Title : SW846 8260

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



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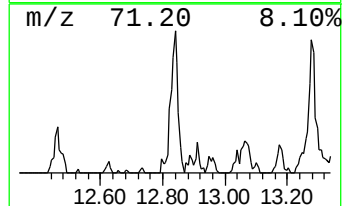
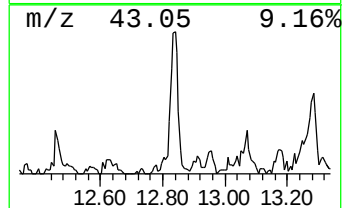
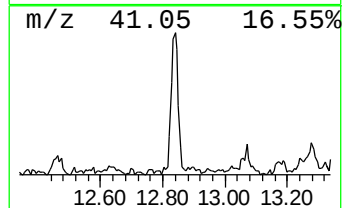
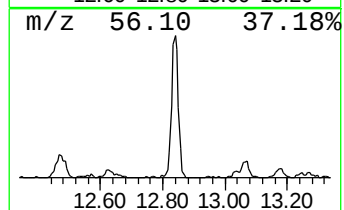
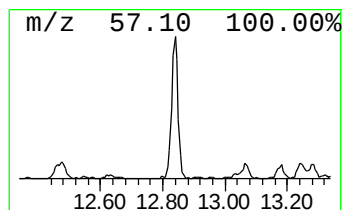
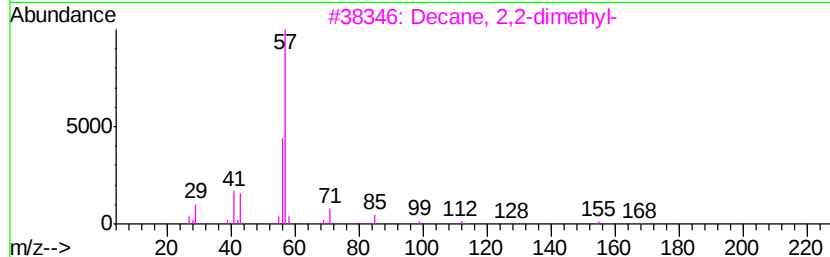
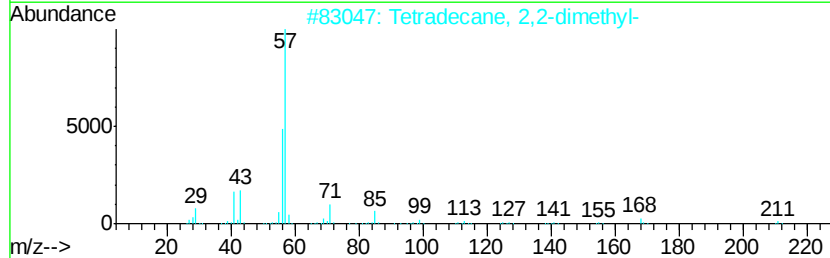
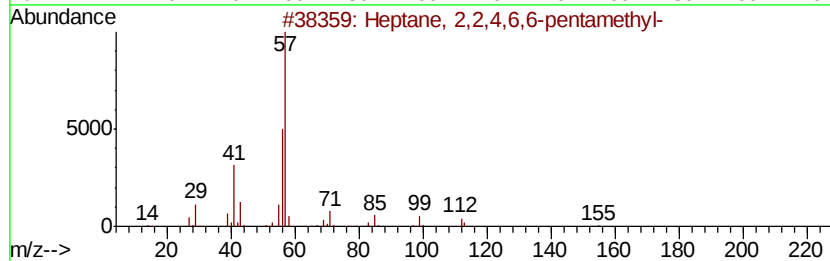
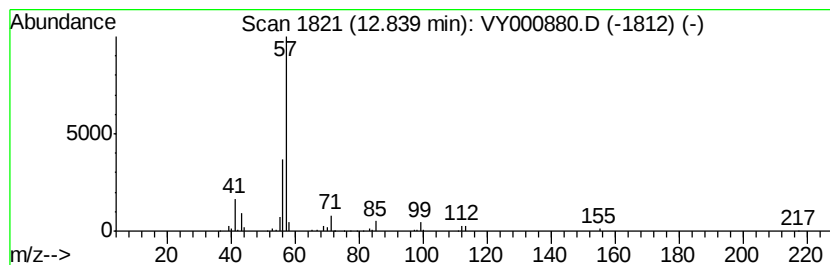
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 2

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.      |
|---------|-------------------------------------|--------------|------------------------|-----------|
| 12.84   | 6.37 ug/l                           | 128668       | 1,4-Dichlorobenzene-d4 | 13.42     |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | Heptane, 2,2,4,6,6-pentamethyl-     | 170 C12H26   | 013475-82-6            | 83        |
| 2       | Tetradecane, 2,2-dimethyl-          | 226 C16H34   | 059222-86-5            | 78        |
| 3       | Decane, 2,2-dimethyl-               | 170 C12H26   | 017302-37-3            | 78        |
| 4       | Decane, 2,2,9-trimethyl-            | 184 C13H28   | 062238-00-0            | 72        |
| 5       | Octadecane, 2,2,4,15,17,17-hexam... | 591 C42H86   | 055470-97-8            | 59        |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Heptane, 2,2,4,6,... | 12.84 | 6.4     | ug/l  | 128668   | 4                     | 13.42 | 1009980 | 50.0 |