

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\  
 Data File : VW011723.D  
 Acq On : 05 Aug 2019 21:15  
 Operator : SY/VA  
 Sample : K4154-07  
 Misc : 4.87G/5ML/MSVOA W/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 PS-7

## 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\82W072719S.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         | 1.983       | 10            | 13          | 24           | rVB      | 23995          | 49087         | 4.23%           | 0.719%        |
| 2         | 2.148       | 35            | 40          | 49           | rBV      | 18275          | 36893         | 3.18%           | 0.540%        |
| 3         | 4.123       | 356           | 364         | 374          | rBV      | 15599          | 43364         | 3.74%           | 0.635%        |
| 4         | 4.391       | 399           | 408         | 420          | rBV5     | 3691           | 13796         | 1.19%           | 0.202%        |
| 5         | 4.915       | 478           | 494         | 510          | rBV4     | 9847           | 43010         | 3.71%           | 0.630%        |
| 6         | 5.129       | 518           | 529         | 536          | rBV2     | 4399           | 15607         | 1.35%           | 0.228%        |
| 7         | 5.769       | 620           | 634         | 647          | rBV7     | 4065           | 19188         | 1.65%           | 0.281%        |
| 8         | 7.141       | 846           | 859         | 876          | rBV      | 53166          | 169189        | 14.59%          | 2.477%        |
| 9         | 7.884       | 968           | 981         | 986          | rBV      | 148850         | 364995        | 31.48%          | 5.343%        |
| 10        | 7.945       | 986           | 991         | 1001         | rVB      | 287555         | 618231        | 53.32%          | 9.050%        |
| 11        | 8.256       | 1030          | 1042        | 1044         | rBV      | 49015          | 108208        | 9.33%           | 1.584%        |
| 12        | 8.305       | 1044          | 1050        | 1061         | rVB      | 167023         | 382983        | 33.03%          | 5.606%        |
| 13        | 8.842       | 1127          | 1138        | 1152         | rBV      | 438764         | 863575        | 74.48%          | 12.641%       |
| 14        | 10.323      | 1372          | 1381        | 1389         | rBV      | 666928         | 1159429       | 100.00%         | 16.972%       |
| 15        | 10.707      | 1436          | 1444        | 1451         | rBV      | 85105          | 158749        | 13.69%          | 2.324%        |
| 16        | 11.061      | 1494          | 1502        | 1512         | rBV      | 41152          | 74823         | 6.45%           | 1.095%        |
| 17        | 11.439      | 1560          | 1564        | 1571         | rVB2     | 11511          | 18179         | 1.57%           | 0.266%        |
| 18        | 11.628      | 1587          | 1595        | 1610         | rVB      | 538493         | 927119        | 79.96%          | 13.571%       |
| 19        | 12.469      | 1726          | 1733        | 1740         | rBV      | 61402          | 103590        | 8.93%           | 1.516%        |
| 20        | 12.615      | 1746          | 1757        | 1765         | rBV2     | 440399         | 766594        | 66.12%          | 11.222%       |
| 21        | 12.938      | 1803          | 1810        | 1818         | rVB2     | 12216          | 23081         | 1.99%           | 0.338%        |
| 22        | 13.036      | 1818          | 1826        | 1831         | rBV7     | 6065           | 13223         | 1.14%           | 0.194%        |
| 23        | 13.298      | 1861          | 1869        | 1876         | rVB4     | 8643           | 18368         | 1.58%           | 0.269%        |
| 24        | 13.408      | 1879          | 1887        | 1892         | rBV3     | 8200           | 16495         | 1.42%           | 0.241%        |
| 25        | 13.560      | 1904          | 1912        | 1918         | rVV      | 451206         | 735750        | 63.46%          | 10.770%       |
| 26        | 13.761      | 1938          | 1945        | 1955         | rVB6     | 5659           | 12189         | 1.05%           | 0.178%        |
| 27        | 14.072      | 1990          | 1996        | 2005         | rVB      | 26240          | 44003         | 3.80%           | 0.644%        |
| 28        | 15.438      | 2212          | 2220        | 2225         | rBV2     | 18062          | 31738         | 2.74%           | 0.465%        |

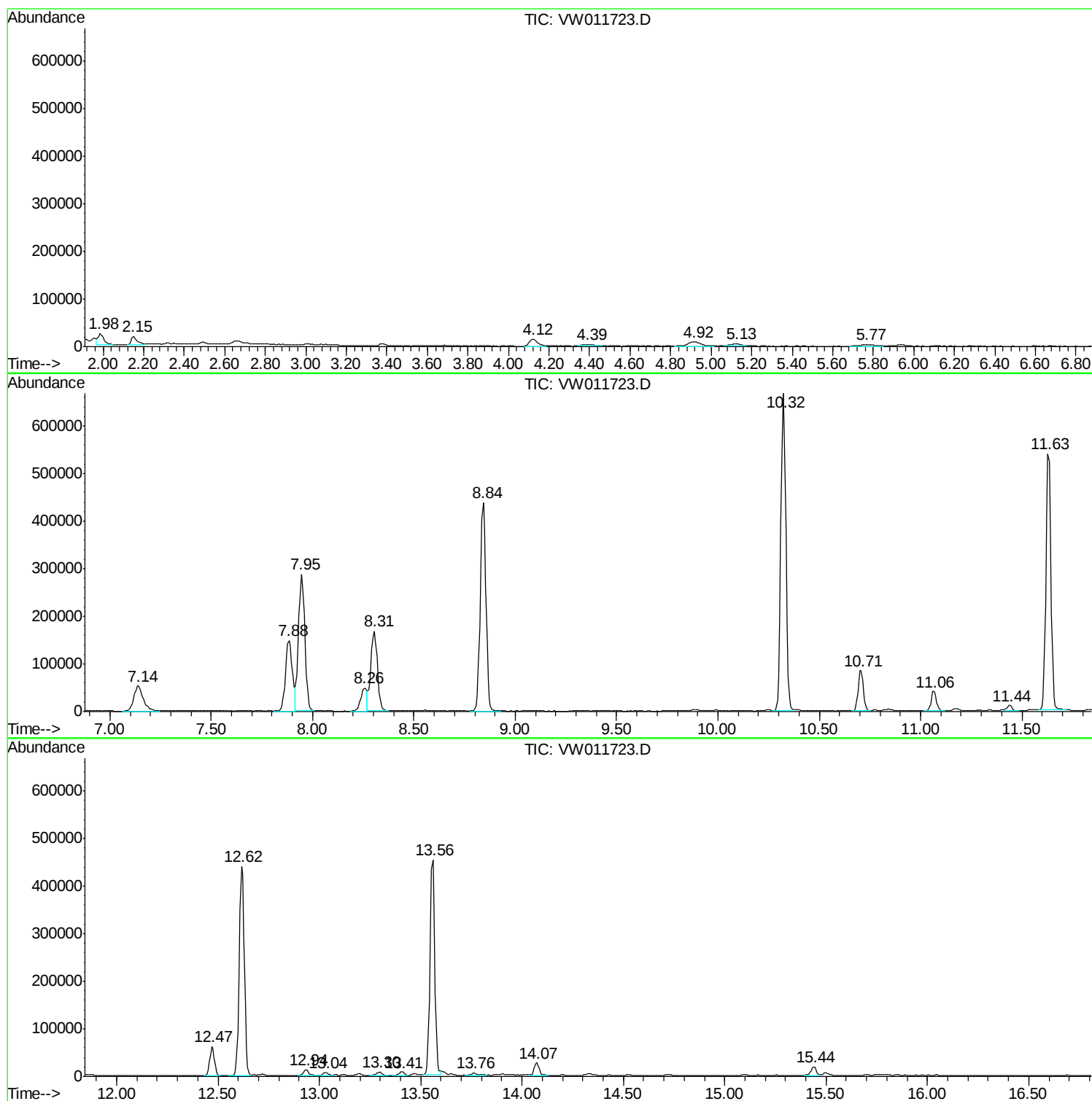
Sum of corrected areas: 6831456

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080619\  
Data File : VW011723.D  
Acq On : 05 Aug 2019 21:15  
Operator : SY/VA  
Sample : K4154-07  
Misc : 4.87G/5ML/MSVOA W/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
PS-7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W072719S.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080619\  
Data File : VW011723.D  
Acq On : 05 Aug 2019 21:15  
Operator : SY/VA  
Sample : K4154-07  
Misc : 4.87G/5ML/MSVOA W/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
PS-7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W072719S.M  
Quant Title : SW846 8260

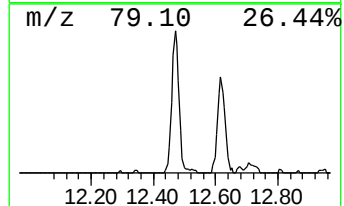
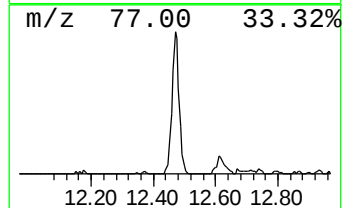
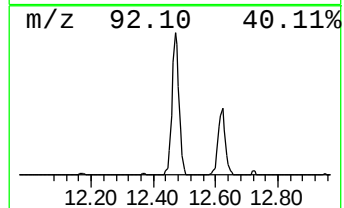
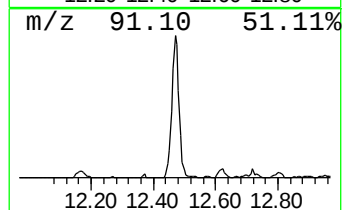
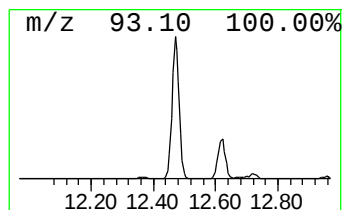
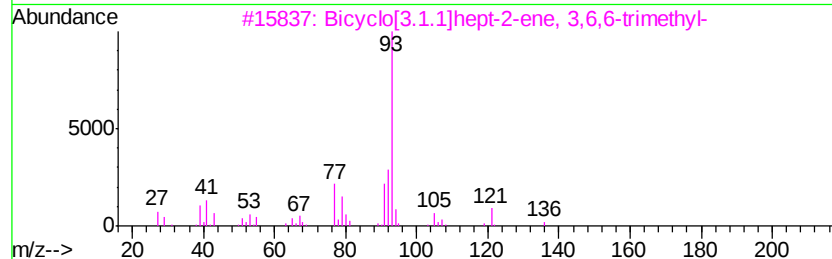
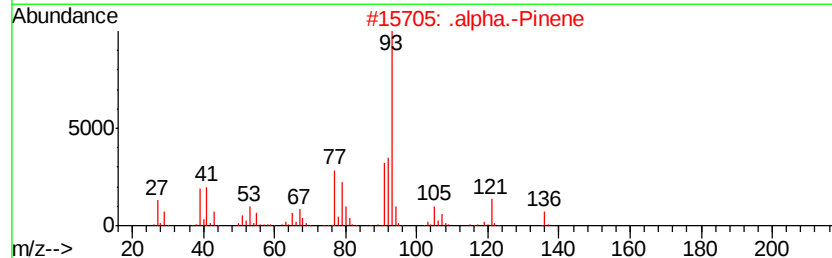
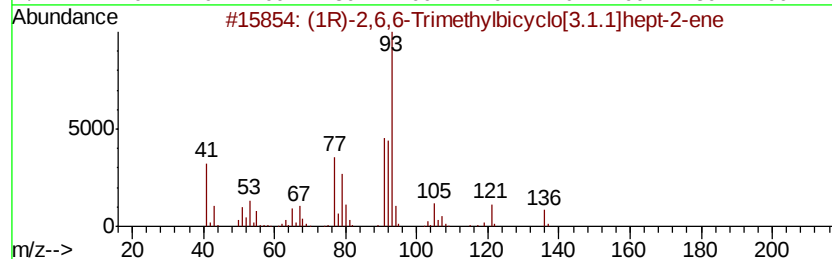
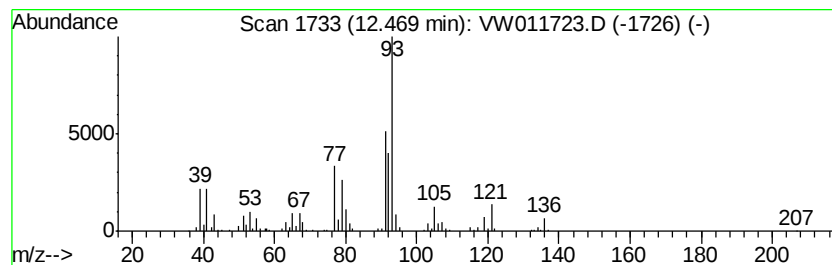
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 12.47 | 5.59 ug/l | 103590 | Chlorobenzene-d5 | 11.63 |

| Hit# | of | 5 | Tentative ID                                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------------------|-----|---------|-------------|------|
| 1    |    |   | (1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene    | 136 | C10H16  | 007785-70-8 | 97   |
| 2    |    |   | .alpha.-Pinene                                  | 136 | C10H16  | 000080-56-8 | 97   |
| 3    |    |   | Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-      | 136 | C10H16  | 004889-83-2 | 94   |
| 4    |    |   | .gamma.-Terpinene                               | 136 | C10H16  | 000099-85-4 | 81   |
| 5    |    |   | Tricyclo[2.2.1.0(2,6)]heptane, 1,1,1-trimethyl- | 136 | C10H16  | 000508-32-7 | 80   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW080619\  
Data File : VW011723.D  
Acq On : 05 Aug 2019 21:15  
Operator : SY/VA  
Sample : K4154-07  
Misc : 4.87G/5ML/MSVOA\_W/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
PS-7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W072719S.M  
Quant Title : SW846 8260

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| (1R)-2,6,6-Trimet... | 12.47 | 5.6     | ug/l  | 103590   | 3                     | 11.63 | 927119 | 50.0 |