

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\  
 Data File : VD066687.D  
 Acq On : 14 Sep 2020 23:21  
 Operator : VA/SY  
 Sample : L3993-11  
 Misc : 8.03G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 PAV-B38-091120-16-17

## 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\_D\METHOD\82D090320S.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         | 2.320       | 62            | 68          | 76           | rBV3     | 23589          | 51319         | 2.18%           | 0.370%        |
| 2         | 4.967       | 504           | 518         | 528          | rBV      | 71222          | 233489        | 9.92%           | 1.682%        |
| 3         | 7.914       | 1008          | 1019        | 1024         | rBV      | 337480         | 815844        | 34.66%          | 5.876%        |
| 4         | 7.979       | 1024          | 1030        | 1041         | rVB      | 540784         | 1208704       | 51.36%          | 8.705%        |
| 5         | 8.326       | 1076          | 1089        | 1099         | rBV      | 301269         | 692386        | 29.42%          | 4.987%        |
| 6         | 8.861       | 1171          | 1180        | 1190         | rBV      | 812261         | 1685086       | 71.60%          | 12.136%       |
| 7         | 10.338      | 1422          | 1431        | 1441         | rBV      | 1319366        | 2353601       | 100.00%         | 16.951%       |
| 8         | 11.644      | 1644          | 1653        | 1664         | rBV      | 1207682        | 2087089       | 88.68%          | 15.031%       |
| 9         | 12.485      | 1787          | 1796        | 1806         | rBV      | 384174         | 660046        | 28.04%          | 4.754%        |
| 10        | 12.632      | 1814          | 1821        | 1828         | rBV      | 976074         | 1609238       | 68.37%          | 11.590%       |
| 11        | 12.696      | 1828          | 1832        | 1834         | rVV2     | 56123          | 84753         | 3.60%           | 0.610%        |
| 12        | 12.732      | 1834          | 1838        | 1846         | rVB2     | 93602          | 177935        | 7.56%           | 1.281%        |
| 13        | 13.490      | 1960          | 1967        | 1970         | rBV4     | 35805          | 69300         | 2.94%           | 0.499%        |
| 14        | 13.514      | 1970          | 1971        | 1975         | rVV      | 36494          | 41287         | 1.75%           | 0.297%        |
| 15        | 13.579      | 1975          | 1982        | 1989         | rVV      | 1173282        | 1959836       | 83.27%          | 14.115%       |
| 16        | 13.667      | 1992          | 1997        | 2003         | rVB3     | 17503          | 30659         | 1.30%           | 0.221%        |
| 17        | 14.026      | 2050          | 2058        | 2064         | rVB6     | 42543          | 72780         | 3.09%           | 0.524%        |
| 18        | 14.555      | 2143          | 2148        | 2155         | rVB3     | 32172          | 51671         | 2.20%           | 0.372%        |

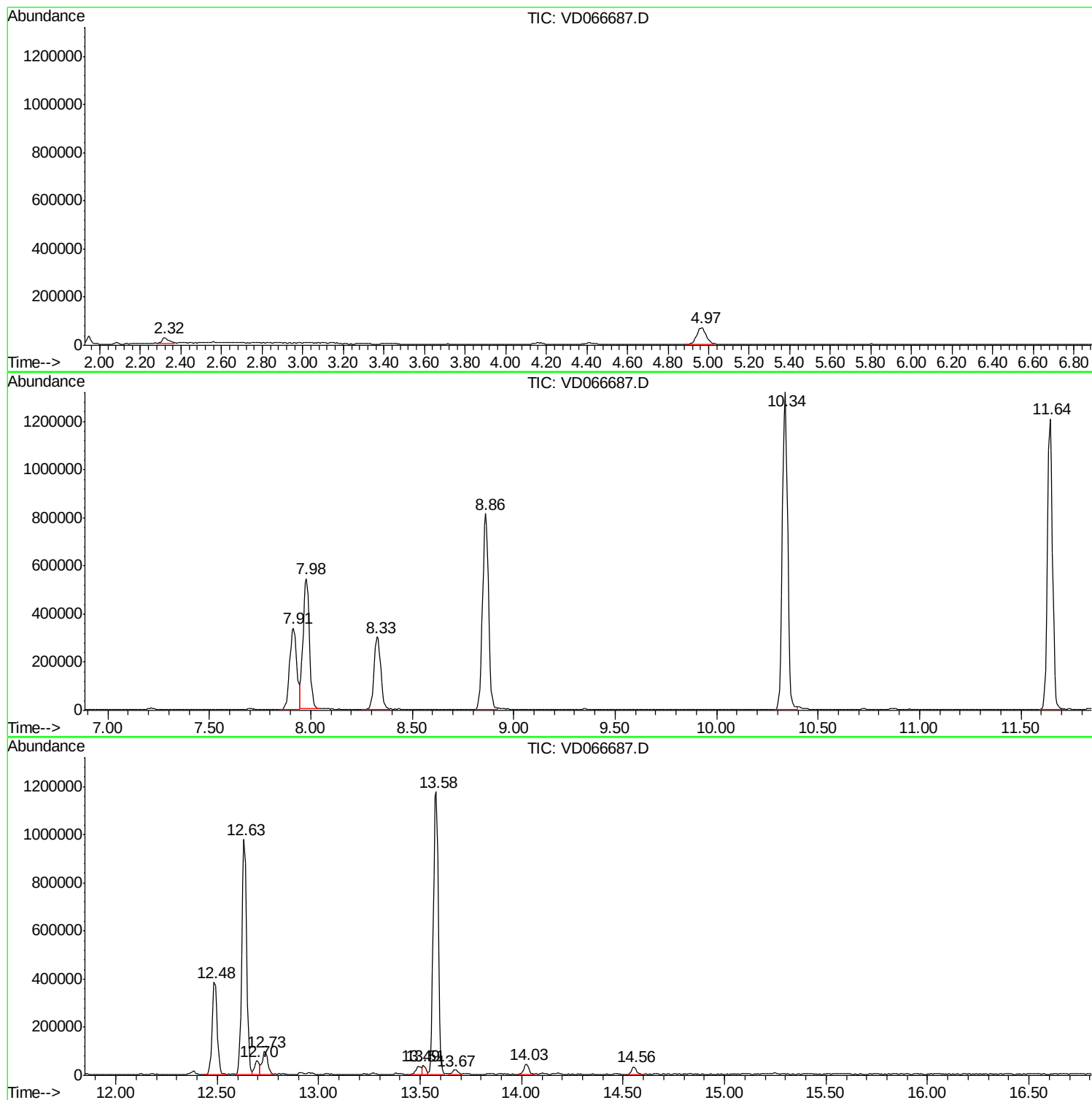
Sum of corrected areas: 13885023

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D090320S.M  
Quant Title : SW846 8260

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



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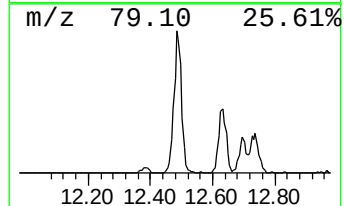
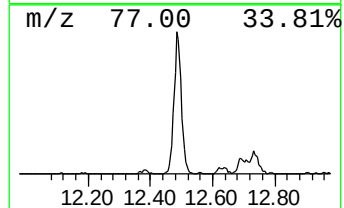
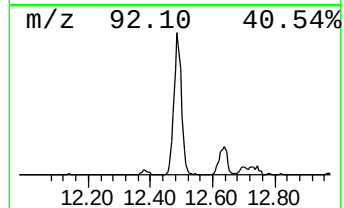
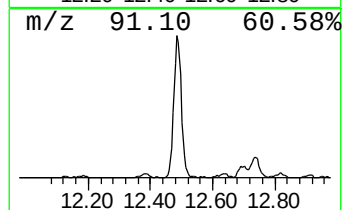
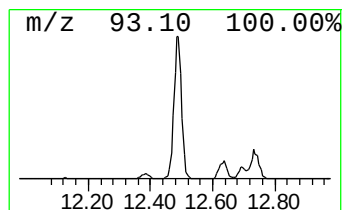
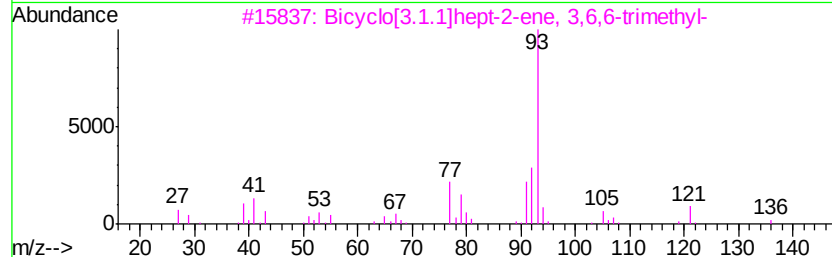
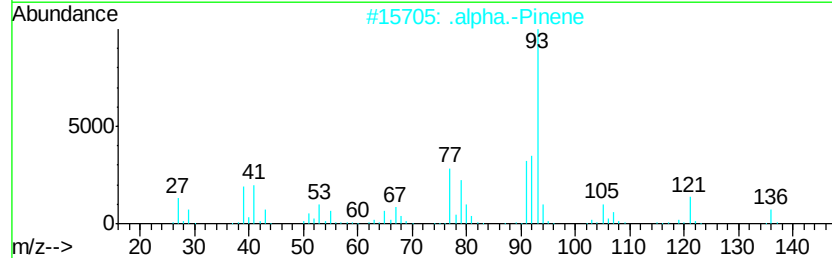
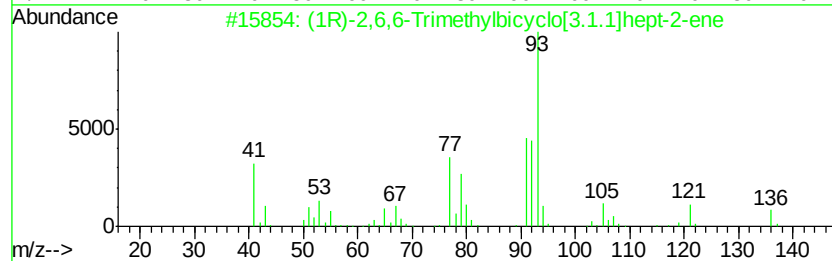
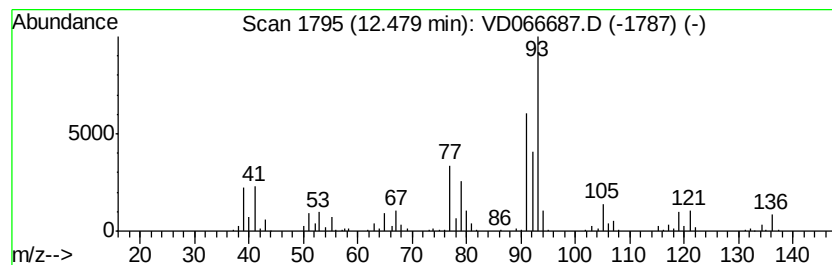
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D090320S.M  
Quant Title : SW846 8260

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

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

| R.T.    | EstConc    | Area                                         | Relative to ISTD | R.T.    |             |      |
|---------|------------|----------------------------------------------|------------------|---------|-------------|------|
| 12.48   | 15.81 ug/l | 660046                                       | Chlorobenzene-d5 | 11.64   |             |      |
| 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 | 96   |
| 2       |            | .alpha.-Pinene                               | 136              | C10H16  | 000080-56-8 | 95   |
| 3       |            | Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-   | 136              | C10H16  | 004889-83-2 | 91   |
| 4       |            | (1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene | 136              | C10H16  | 007785-26-4 | 90   |
| 5       |            | .beta.-Pinene                                | 136              | C10H16  | 000127-91-3 | 81   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (1R)-2,6,6-Trimet... | 12.48 | 15.8    | ug/l  | 660046   | 3                     | 11.64 | 2087090 | 50.0 |