

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\  
Data File : VD066660.D  
Acq On : 11 Sep 2020 20:36  
Operator : VA/SY  
Sample : L3981-11  
Misc : 11.80G/5.00ml/MSVOA D/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B20-4-6

## 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\_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         | 4.967       | 507           | 518         | 528          | rBV2     | 44771          | 148678        | 2.32%           | 0.769%        |
| 2         | 7.914       | 1008          | 1019        | 1024         | rBV      | 345274         | 840270        | 13.09%          | 4.344%        |
| 3         | 7.973       | 1024          | 1029        | 1040         | rVB      | 567157         | 1276058       | 19.89%          | 6.597%        |
| 4         | 8.326       | 1079          | 1089        | 1101         | rBV      | 307976         | 694381        | 10.82%          | 3.590%        |
| 5         | 8.861       | 1170          | 1180        | 1193         | rBV      | 855907         | 1757496       | 27.39%          | 9.086%        |
| 6         | 10.338      | 1422          | 1431        | 1439         | rBV      | 1349978        | 2414456       | 37.63%          | 12.483%       |
| 7         | 10.873      | 1512          | 1522        | 1540         | rBV      | 3694798        | 6417013       | 100.00%         | 33.176%       |
| 8         | 11.644      | 1645          | 1653        | 1664         | rBV      | 1294524        | 2151160       | 33.52%          | 11.121%       |
| 9         | 12.491      | 1789          | 1797        | 1804         | rBV      | 136434         | 252440        | 3.93%           | 1.305%        |
| 10        | 12.632      | 1814          | 1821        | 1829         | rBV      | 960857         | 1556039       | 24.25%          | 8.045%        |
| 11        | 13.579      | 1971          | 1982        | 1991         | rBV      | 1105299        | 1834553       | 28.59%          | 9.485%        |

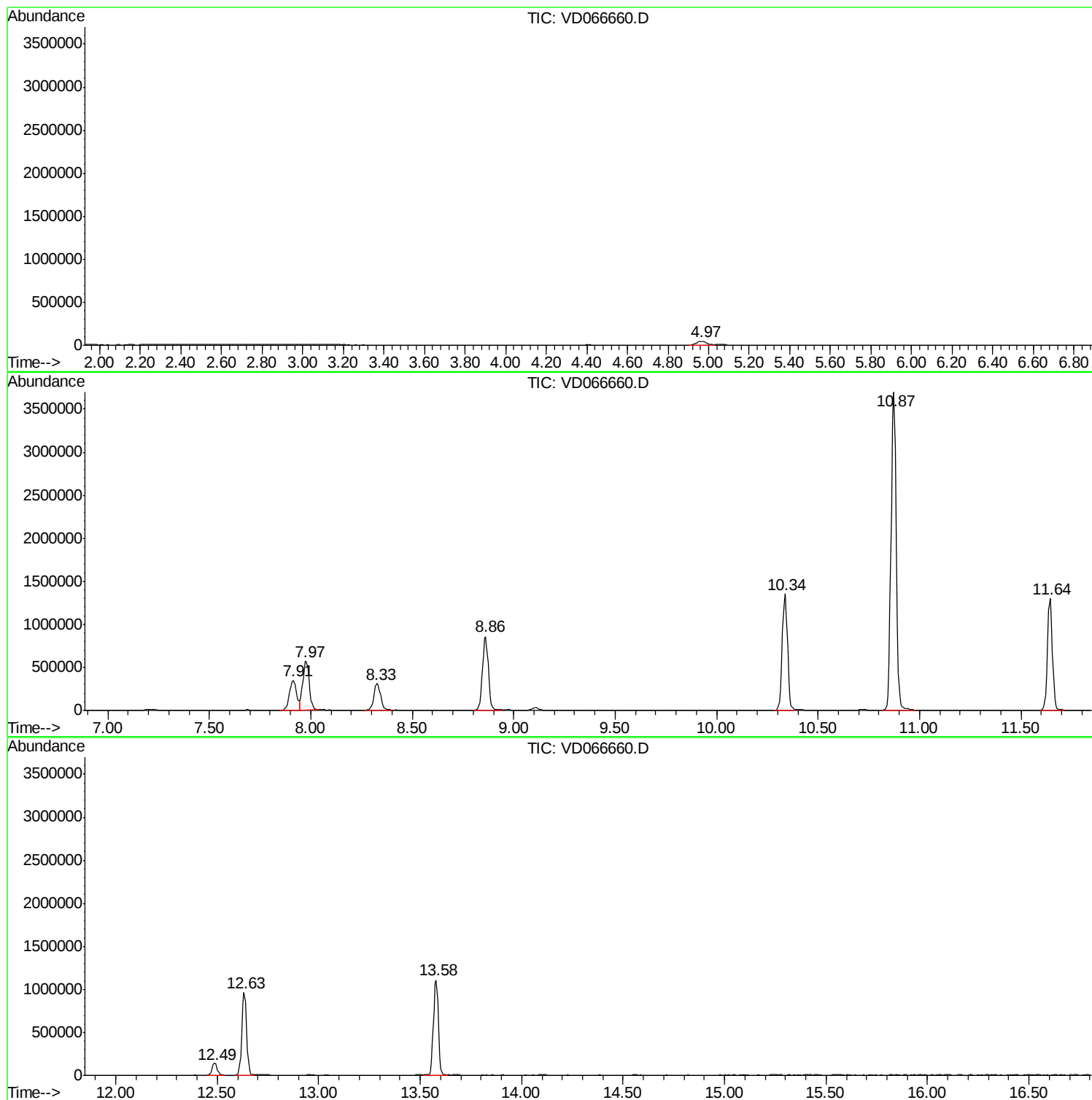
Sum of corrected areas: 19342544

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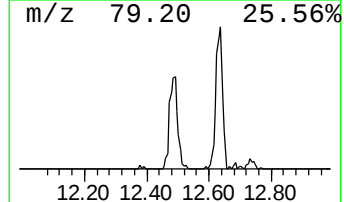
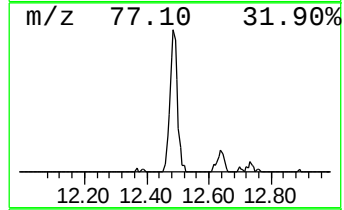
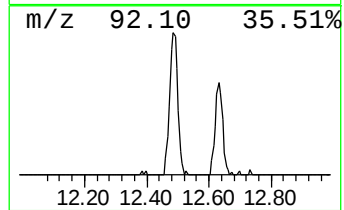
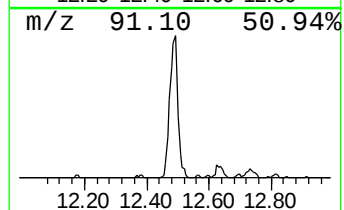
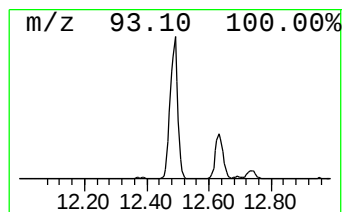
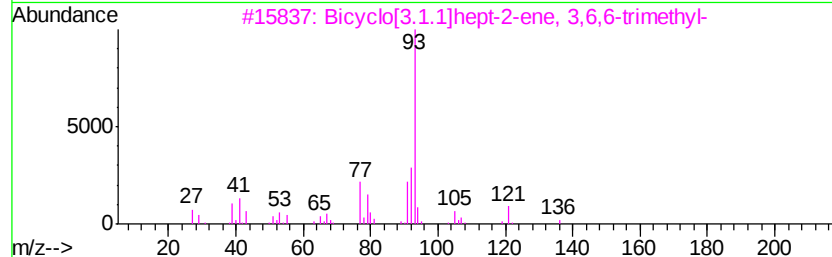
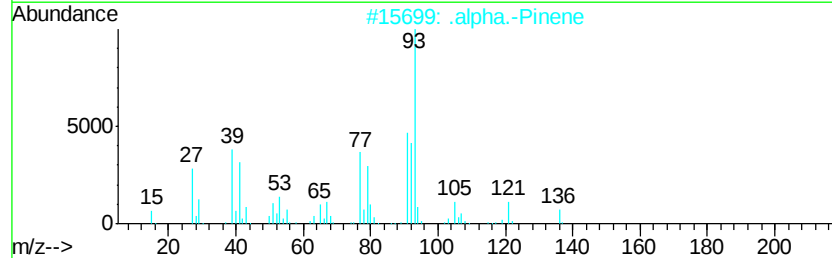
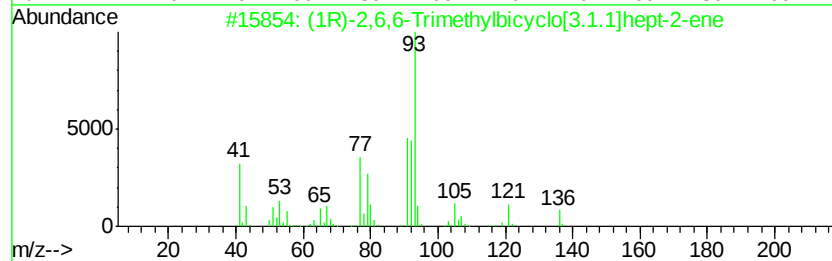
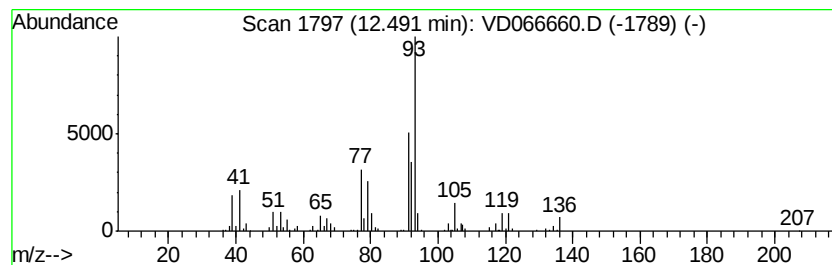
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Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

| R.T.    | EstConc   | Area                                              | Relative to ISTD | R.T.    |             |      |
|---------|-----------|---------------------------------------------------|------------------|---------|-------------|------|
| 12.49   | 5.87 ug/l | 252440                                            | 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 | 93   |
| 2       |           | .alpha.-Pinene                                    | 136              | C10H16  | 000080-56-8 | 93   |
| 3       |           | Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-        | 136              | C10H16  | 004889-83-2 | 86   |
| 4       |           | Cyclohexene, 4-methylene-1-(1-methyl-2-propenyl)- | 136              | C10H16  | 000099-84-3 | 81   |
| 5       |           | .beta.-Pinene                                     | 136              | C10H16  | 000127-91-3 | 80   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (1R)-2,6,6-Trimet... | 12.49 | 5.9     | ug/l  | 252440   | 3                     | 11.64 | 2151160 | 50.0 |