

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD022222\  
 Data File : VD072056.D  
 Acq On : 22 Feb 2022 14:39  
 Operator : VA/SY  
 Sample : N1626-04  
 Misc : 4.52G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 CC-B2

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\82D021822S.M  
 Title : SW846 8260

Signal : TIC: VD072056.D\data.ms

| 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         | 2.315       | 63            | 67          | 76           | rBV4     | 17198          | 36211         | 1.45%           | 0.247%        |
| 2         | 2.491       | 91            | 97          | 105          | rBV2     | 22666          | 44021         | 1.76%           | 0.301%        |
| 3         | 4.156       | 370           | 380         | 393          | rBV2     | 85598          | 245596        | 9.81%           | 1.678%        |
| 4         | 4.961       | 510           | 517         | 525          | rBV5     | 12156          | 33308         | 1.33%           | 0.228%        |
| 5         | 6.944       | 846           | 854         | 862          | rBV7     | 9869           | 26282         | 1.05%           | 0.180%        |
| 6         | 7.214       | 889           | 900         | 911          | rVB3     | 22837          | 68321         | 2.73%           | 0.467%        |
| 7         | 7.914       | 1007          | 1019        | 1024         | rBV      | 311861         | 749872        | 29.95%          | 5.124%        |
| 8         | 7.979       | 1024          | 1030        | 1042         | rVB      | 580392         | 1300279       | 51.94%          | 8.884%        |
| 9         | 8.326       | 1076          | 1089        | 1100         | rBV      | 307186         | 706967        | 28.24%          | 4.831%        |
| 10        | 8.861       | 1171          | 1180        | 1191         | rBV      | 879664         | 1799608       | 71.88%          | 12.296%       |
| 11        | 9.302       | 1247          | 1255        | 1261         | rBV2     | 20806          | 40335         | 1.61%           | 0.276%        |
| 12        | 10.338      | 1421          | 1431        | 1438         | rBV      | 1374490        | 2503476       | 100.00%         | 17.106%       |
| 13        | 10.391      | 1438          | 1440        | 1453         | rVB3     | 17907          | 40055         | 1.60%           | 0.274%        |
| 14        | 11.079      | 1552          | 1557        | 1564         | rBV4     | 17083          | 29818         | 1.19%           | 0.204%        |
| 15        | 11.638      | 1640          | 1652        | 1662         | rVV      | 1301818        | 2247883       | 89.79%          | 15.359%       |
| 16        | 12.243      | 1750          | 1755        | 1760         | rBV2     | 20337          | 31873         | 1.27%           | 0.218%        |
| 17        | 12.343      | 1766          | 1772        | 1781         | rBV5     | 13331          | 27424         | 1.10%           | 0.187%        |
| 18        | 12.626      | 1812          | 1820        | 1829         | rBV      | 1127871        | 1898116       | 75.82%          | 12.969%       |
| 19        | 12.902      | 1860          | 1867        | 1870         | rBV      | 64396          | 108979        | 4.35%           | 0.745%        |
| 20        | 12.943      | 1870          | 1874        | 1880         | rVB2     | 39098          | 65208         | 2.60%           | 0.446%        |
| 21        | 13.290      | 1926          | 1933        | 1940         | rVB5     | 14624          | 38998         | 1.56%           | 0.266%        |
| 22        | 13.561      | 1972          | 1979        | 1987         | rBV      | 1213643        | 2023369       | 80.82%          | 13.825%       |
| 23        | 13.655      | 1987          | 1995        | 2002         | rVV      | 170726         | 294031        | 11.74%          | 2.009%        |
| 24        | 13.767      | 2004          | 2014        | 2029         | rVB      | 30401          | 131148        | 5.24%           | 0.896%        |
| 25        | 14.085      | 2063          | 2068        | 2074         | rVB4     | 21213          | 37507         | 1.50%           | 0.256%        |
| 26        | 14.332      | 2106          | 2110        | 2116         | rVB4     | 17663          | 30310         | 1.21%           | 0.207%        |
| 27        | 15.084      | 2234          | 2238        | 2246         | rVB6     | 14380          | 29298         | 1.17%           | 0.200%        |
| 28        | 15.773      | 2348          | 2355        | 2365         | rVB8     | 15180          | 47141         | 1.88%           | 0.322%        |

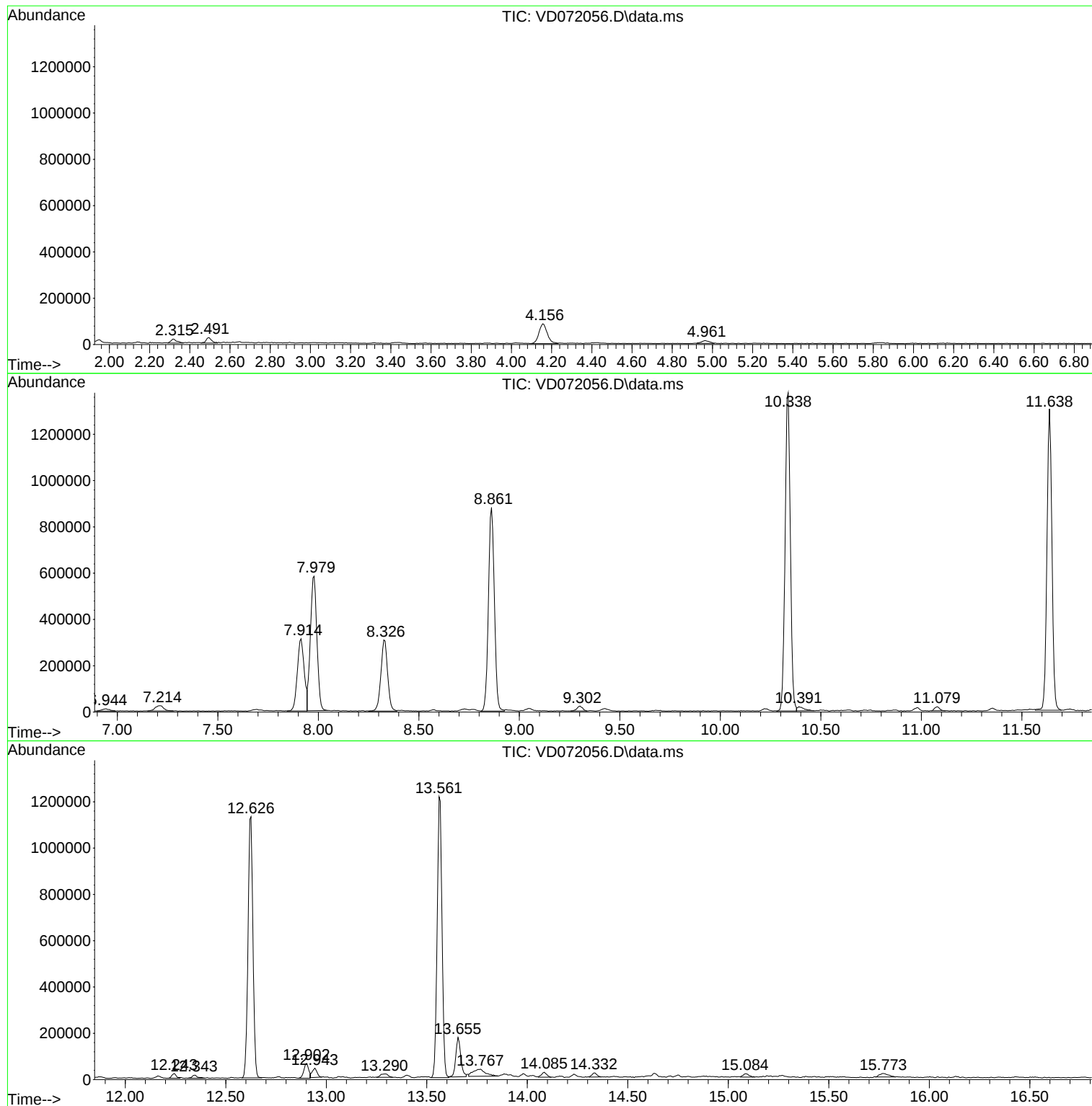
Sum of corrected areas: 14635434

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021822S.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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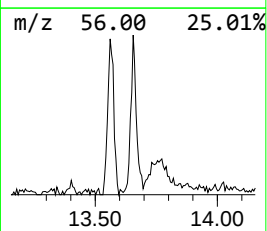
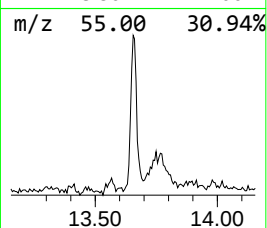
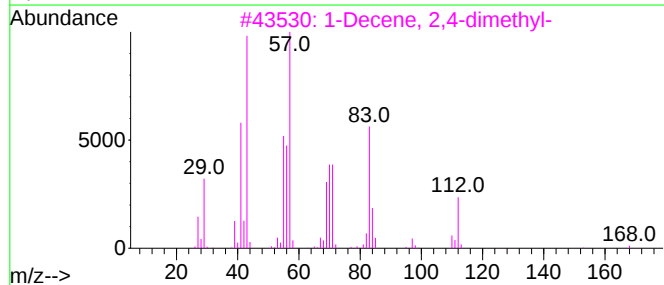
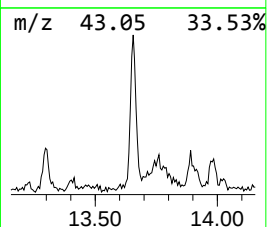
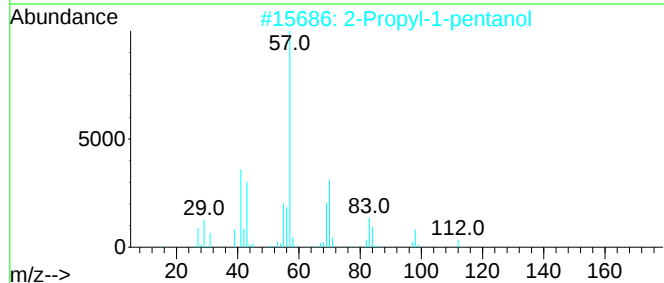
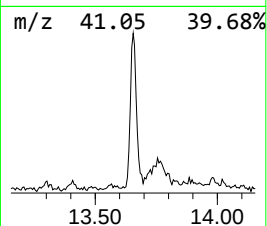
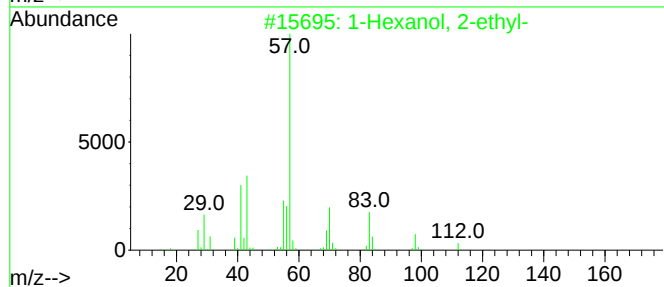
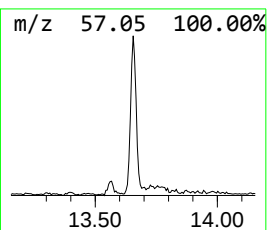
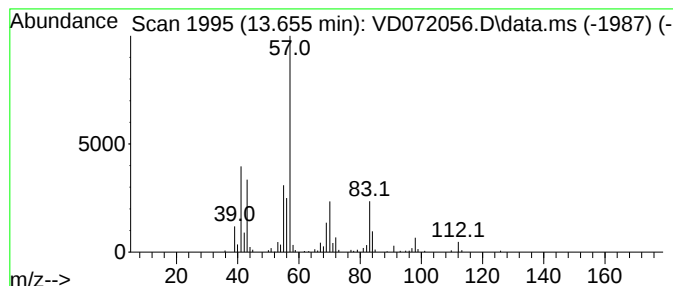
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.655 | 7.27 ug/l | 294031 | 1,4-Dichlorobenzene-d4 | 13.567 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|----------|--------------|------|
| 1    | 1-Hexanol, 2-ethyl-                 |   |              | 130 | C8H18O   | 000104-76-7  | 83   |
| 2    | 2-Propyl-1-pentanol                 |   |              | 130 | C8H18O   | 058175-57-8  | 72   |
| 3    | 1-Decene, 2,4-dimethyl-             |   |              | 168 | C12H24   | 055170-80-4  | 45   |
| 4    | Heptyl isobutyl carbonate           |   |              | 216 | C12H24O3 | 959068-08-7  | 43   |
| 5    | Carbonic acid, isobutyl 2-ethylh... |   |              | 230 | C13H26O3 | 1000383-13-3 | 42   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 1-Hexanol, 2-et... | 13.655 | 7.3     | ug/l  | 294031   | 4                     | 13.567 | 2023370 | 50.0 |