

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062121\  
 Data File : VD069504.D  
 Acq On : 21 Jun 2021 16:57  
 Operator : VA/SY  
 Sample : M2778-07  
 Misc : 5.09G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 CF

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\82D062121S.M

Title : SW846 8260

Signal : TIC: VD069504.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         | 2.644       | 117           | 123         | 128          | rBV      | 19267          | 25779         | 1.06%           | 0.193%        |
| 2         | 3.568       | 271           | 280         | 292          | rBV2     | 51374          | 130502        | 5.39%           | 0.978%        |
| 3         | 4.967       | 507           | 518         | 532          | rVB3     | 55675          | 176425        | 7.28%           | 1.322%        |
| 4         | 5.991       | 684           | 692         | 703          | rBV7     | 10541          | 34050         | 1.41%           | 0.255%        |
| 5         | 7.203       | 886           | 898         | 908          | rBV      | 29207          | 88172         | 3.64%           | 0.661%        |
| 6         | 7.914       | 1009          | 1019        | 1024         | rBV2     | 345850         | 836853        | 34.53%          | 6.269%        |
| 7         | 7.979       | 1024          | 1030        | 1041         | rVB2     | 524478         | 1152749       | 47.57%          | 8.635%        |
| 8         | 8.332       | 1076          | 1090        | 1101         | rBV      | 327010         | 803818        | 33.17%          | 6.021%        |
| 9         | 8.861       | 1171          | 1180        | 1193         | rBV      | 795702         | 1670215       | 68.92%          | 12.512%       |
| 10        | 10.338      | 1422          | 1431        | 1445         | rBV      | 1348386        | 2423330       | 100.00%         | 18.153%       |
| 11        | 10.720      | 1489          | 1496        | 1502         | rBV2     | 25759          | 46066         | 1.90%           | 0.345%        |
| 12        | 11.079      | 1550          | 1557        | 1563         | rBV3     | 28072          | 50685         | 2.09%           | 0.380%        |
| 13        | 11.638      | 1645          | 1652        | 1663         | rBV      | 1243180        | 2208047       | 91.12%          | 16.541%       |
| 14        | 11.738      | 1665          | 1669        | 1676         | rVB4     | 14315          | 26529         | 1.09%           | 0.199%        |
| 15        | 11.849      | 1681          | 1688        | 1694         | rBV4     | 28243          | 56007         | 2.31%           | 0.420%        |
| 16        | 12.626      | 1812          | 1820        | 1831         | rBV      | 944139         | 1588360       | 65.54%          | 11.899%       |
| 17        | 12.955      | 1870          | 1876        | 1880         | rBV5     | 13148          | 24822         | 1.02%           | 0.186%        |
| 18        | 13.567      | 1973          | 1980        | 1988         | rVV      | 1260242        | 2006800       | 82.81%          | 15.033%       |

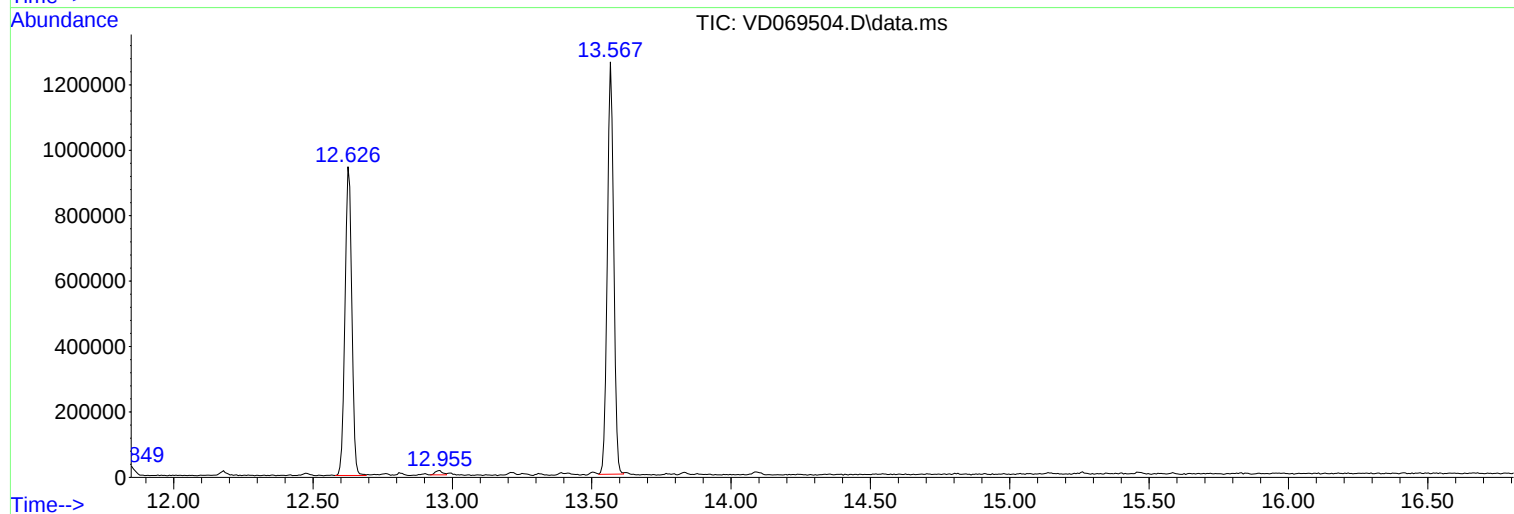
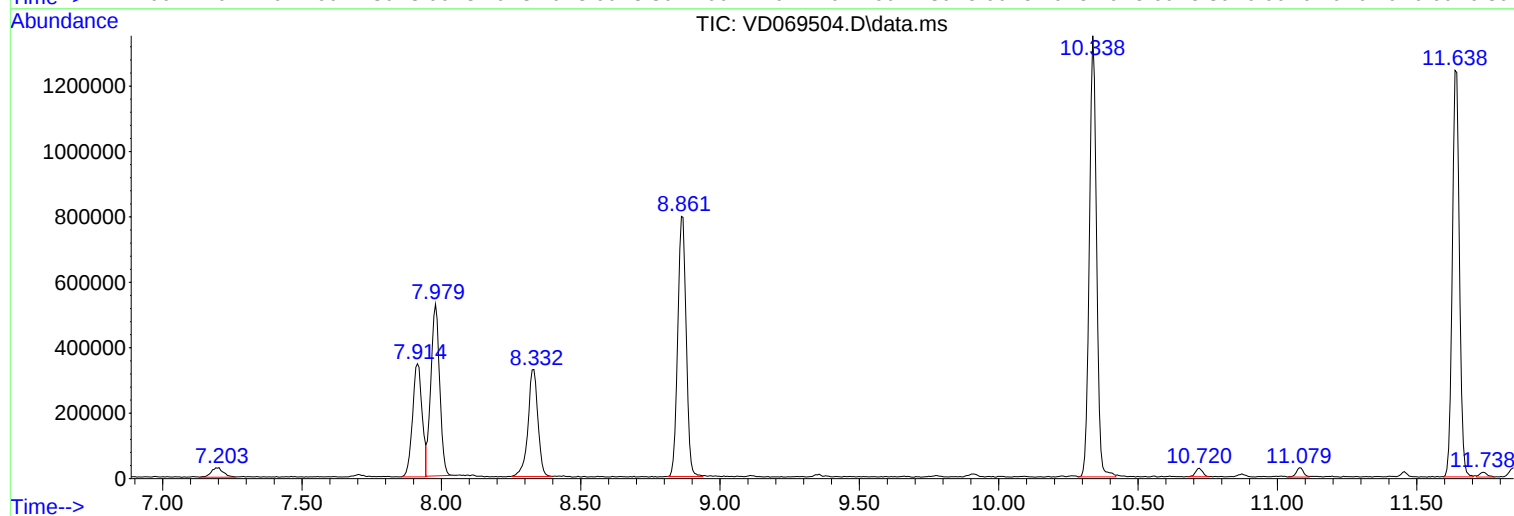
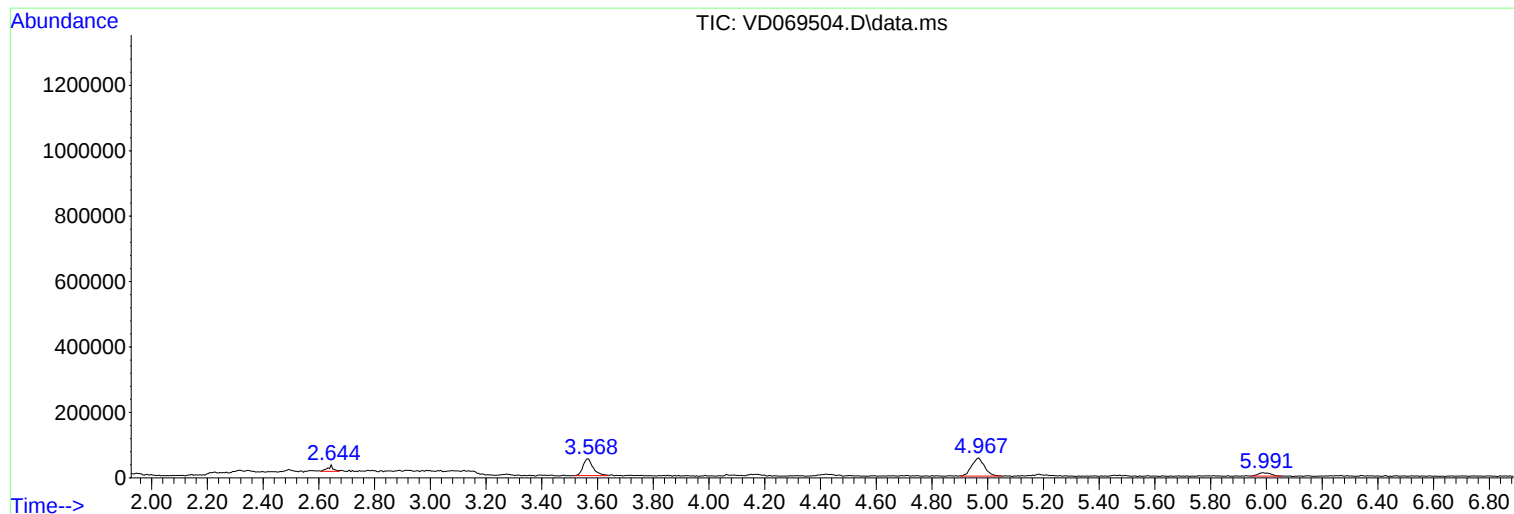
Sum of corrected areas: 13349209

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062121S.M  
Quant Title : SW846 8260

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



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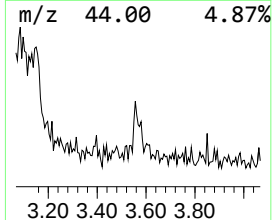
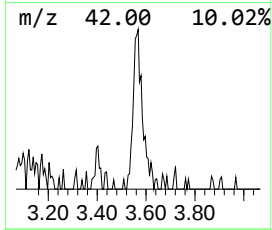
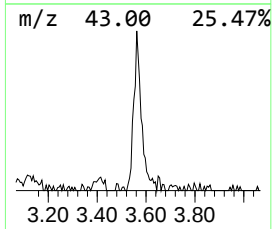
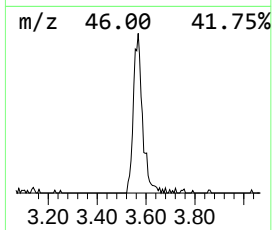
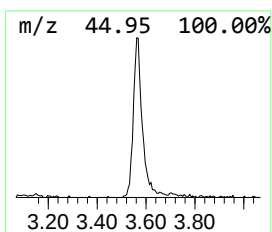
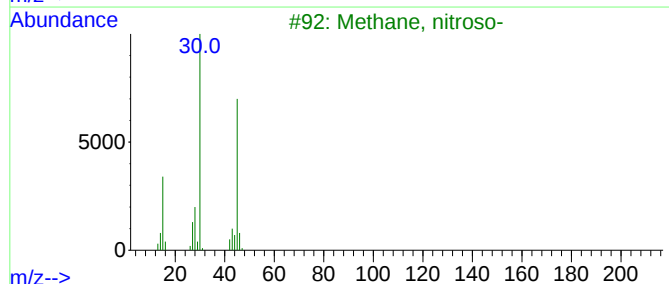
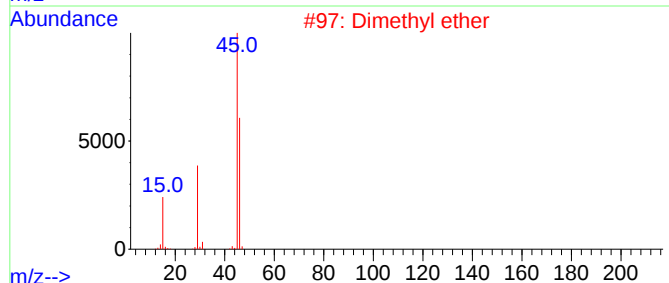
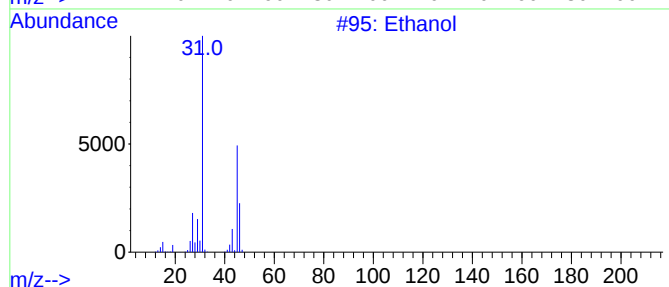
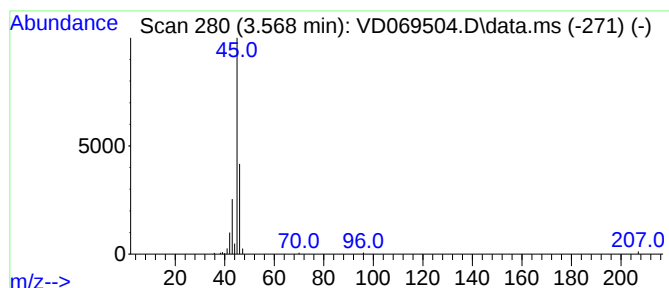
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Peak Number 1 Ethanol Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD   | R.T.  |
|-------|-----------|--------|--------------------|-------|
| 3.568 | 5.66 ug/l | 130502 | Pentafluorobenzene | 7.979 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol                | 46  | C2H6O   | 000064-17-5 | 78   |
| 2    |    |   | Dimethyl ether         | 46  | C2H6O   | 000115-10-6 | 5    |
| 3    |    |   | Methane, nitroso-      | 45  | CH3NO   | 000865-40-7 | 4    |
| 4    |    |   | 1-Pyrroline, 2-phenyl- | 145 | C10H11N | 000700-91-4 | 4    |
| 5    |    |   | Formic acid            | 46  | CH2O2   | 000064-18-6 | 3    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| Ethanol          | 3.568 | 5.7     | ug/l  | 130502   | 1                     | 7.979 | 1152750 | 50.0 |