

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\  
 Data File : VW003484.D  
 Acq On : 24 Jun 2018 03:13  
 Operator : SY/AP  
 Sample : J3670-04  
 Misc : 6.20G/5ML/MSVOA W/SOIL  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WP021SB487-15-17-180621

## 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\_W\METHOD\82W061318S.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         | 1.807       | 28            | 36          | 57           | rVB      | 2375589        | 5005937       | 90.16%          | 31.719%       |
| 2         | 2.154       | 86            | 93          | 109          | rBV      | 28275          | 92426         | 1.66%           | 0.586%        |
| 3         | 4.904       | 534           | 544         | 558          | rBV2     | 19876          | 69705         | 1.26%           | 0.442%        |
| 4         | 7.172       | 900           | 916         | 928          | rBV      | 302092         | 794364        | 14.31%          | 5.033%        |
| 5         | 7.885       | 1023          | 1033        | 1038         | rBV      | 117710         | 276920        | 4.99%           | 1.755%        |
| 6         | 7.952       | 1038          | 1044        | 1054         | rVB      | 216527         | 483082        | 8.70%           | 3.061%        |
| 7         | 8.312       | 1091          | 1103        | 1114         | rBV      | 127351         | 286420        | 5.16%           | 1.815%        |
| 8         | 8.848       | 1180          | 1191        | 1202         | rBV      | 329357         | 645024        | 11.62%          | 4.087%        |
| 9         | 10.330      | 1427          | 1434        | 1441         | rBV      | 439273         | 776310        | 13.98%          | 4.919%        |
| 10        | 11.665      | 1640          | 1653        | 1662         | rBV2     | 2862147        | 5552166       | 100.00%         | 35.180%       |
| 11        | 12.622      | 1804          | 1810        | 1817         | rBV      | 361640         | 602549        | 10.85%          | 3.818%        |
| 12        | 13.567      | 1959          | 1965        | 1974         | rVB2     | 520423         | 921623        | 16.60%          | 5.840%        |
| 13        | 13.878      | 2010          | 2016        | 2022         | rBV      | 166383         | 275819        | 4.97%           | 1.748%        |

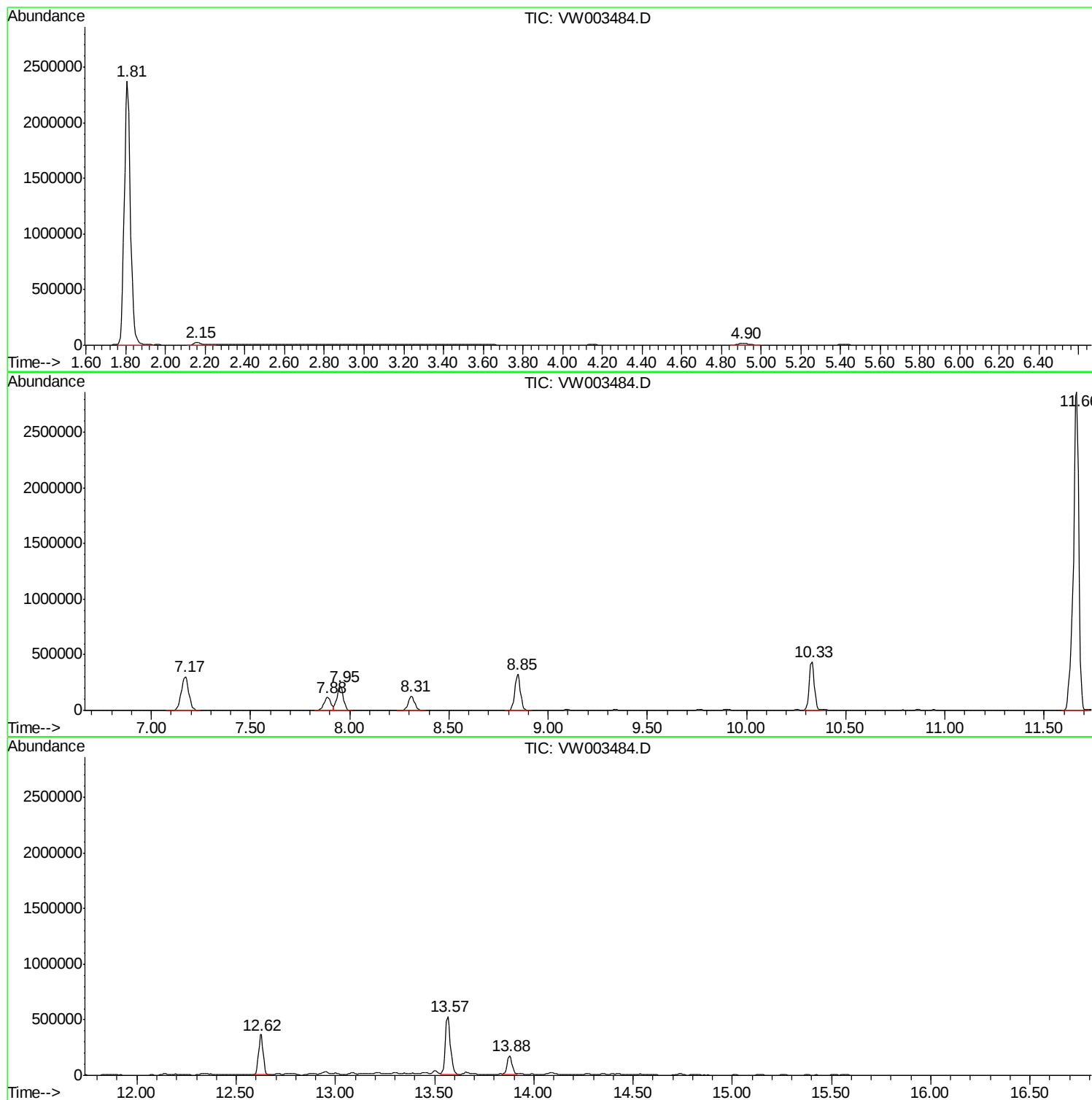
Sum of corrected areas: 15782345

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W061318S.M  
Quant Title : SW846 8260

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



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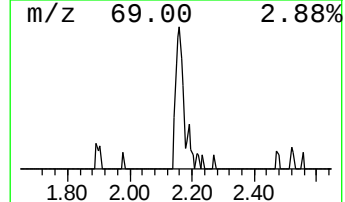
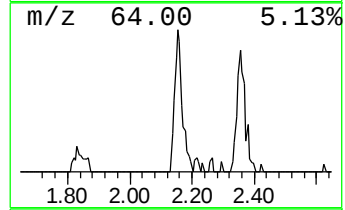
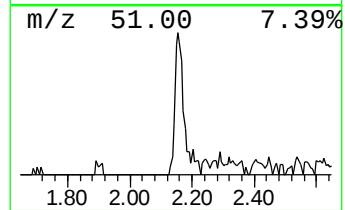
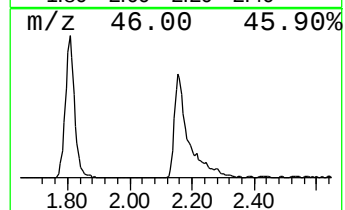
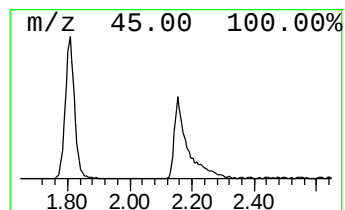
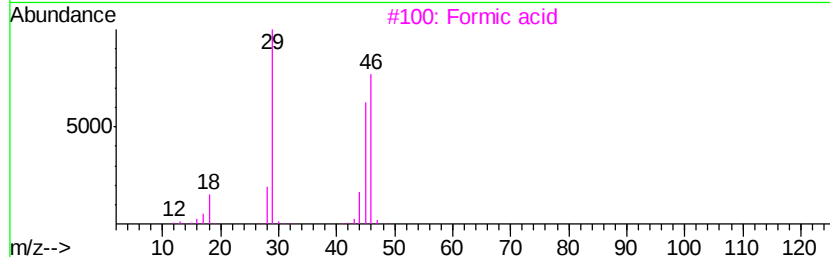
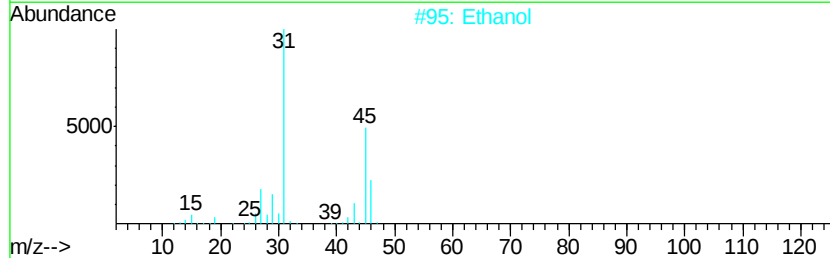
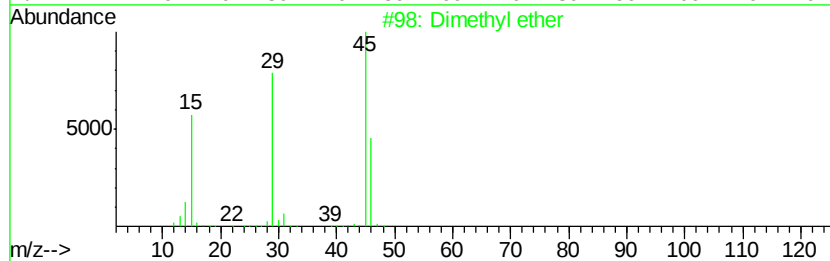
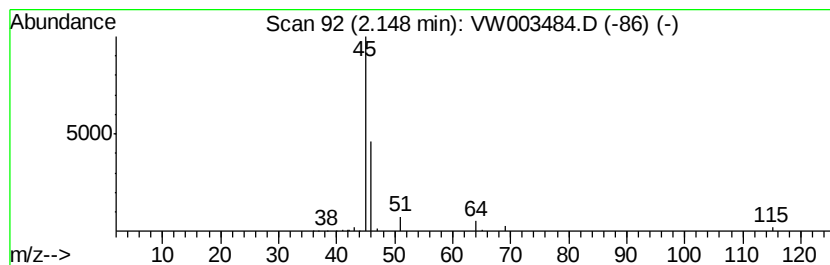
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Dimethyl ether Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 2.15 | 9.57 ug/l | 92426 | Pentafluorobenzene | 7.95 |

| Hit# of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------------|-----|---------|-------------|------|
| 1       |   | Dimethyl ether                | 46  | C2H6O   | 000115-10-6 | 80   |
| 2       |   | Ethanol                       | 46  | C2H6O   | 000064-17-5 | 9    |
| 3       |   | Formic acid                   | 46  | CH2O2   | 000064-18-6 | 5    |
| 4       |   | Propanedioic acid, dihydroxy- | 136 | C3H4O6  | 000560-27-0 | 4    |
| 5       |   | Methane, nitroso-             | 45  | CH3NO   | 000865-40-7 | 3    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Dimethyl ether   | 2.15 | 9.6     | ug/l  | 92426    | 1                     | 7.95 | 483082 | 50.0 |