

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102522\  
 Data File : VY011098.D  
 Acq On : 25 Oct 2022 16:50  
 Operator : KP/MD  
 Sample : N5256-11  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-N3-11.5-12.0

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\_Y\methods\82Y101722S.M  
 Title : SW846 8260

Signal : TIC: VY011098.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         | 4.710       | 462           | 474         | 490          | rVB3     | 43562          | 133185        | 7.91%           | 1.388%        |
| 2         | 4.918       | 497           | 508         | 521          | rBV      | 5262           | 19714         | 1.17%           | 0.205%        |
| 3         | 6.972       | 834           | 845         | 861          | rBV      | 64520          | 197751        | 11.75%          | 2.060%        |
| 4         | 7.716       | 956           | 967         | 972          | rBV      | 206139         | 496656        | 29.50%          | 5.175%        |
| 5         | 7.783       | 972           | 978         | 994          | rVB      | 495123         | 1106319       | 65.71%          | 11.526%       |
| 6         | 8.137       | 1022          | 1036        | 1049         | rBV2     | 200062         | 511577        | 30.38%          | 5.330%        |
| 7         | 8.685       | 1117          | 1126        | 1141         | rBV      | 768719         | 1496199       | 88.86%          | 15.589%       |
| 8         | 10.179      | 1363          | 1371        | 1388         | rBV      | 745046         | 1295685       | 76.96%          | 13.499%       |
| 9         | 10.575      | 1427          | 1436        | 1443         | rBV2     | 33793          | 60949         | 3.62%           | 0.635%        |
| 10        | 10.941      | 1489          | 1496        | 1506         | rBV      | 64186          | 112696        | 6.69%           | 1.174%        |
| 11        | 11.313      | 1552          | 1557        | 1564         | rVB      | 17531          | 28821         | 1.71%           | 0.300%        |
| 12        | 11.484      | 1577          | 1585        | 1599         | rBV      | 1020662        | 1683681       | 100.00%         | 17.542%       |
| 13        | 12.477      | 1741          | 1748        | 1759         | rBV2     | 575505         | 915316        | 54.36%          | 9.536%        |
| 14        | 12.819      | 1797          | 1804        | 1811         | rBV      | 12965          | 21069         | 1.25%           | 0.220%        |
| 15        | 13.422      | 1896          | 1903        | 1913         | rBV      | 1004266        | 1473624       | 87.52%          | 15.353%       |
| 16        | 13.959      | 1985          | 1991        | 1997         | rBV      | 12648          | 19527         | 1.16%           | 0.203%        |
| 17        | 15.312      | 2206          | 2213        | 2218         | rBV2     | 15386          | 25295         | 1.50%           | 0.264%        |

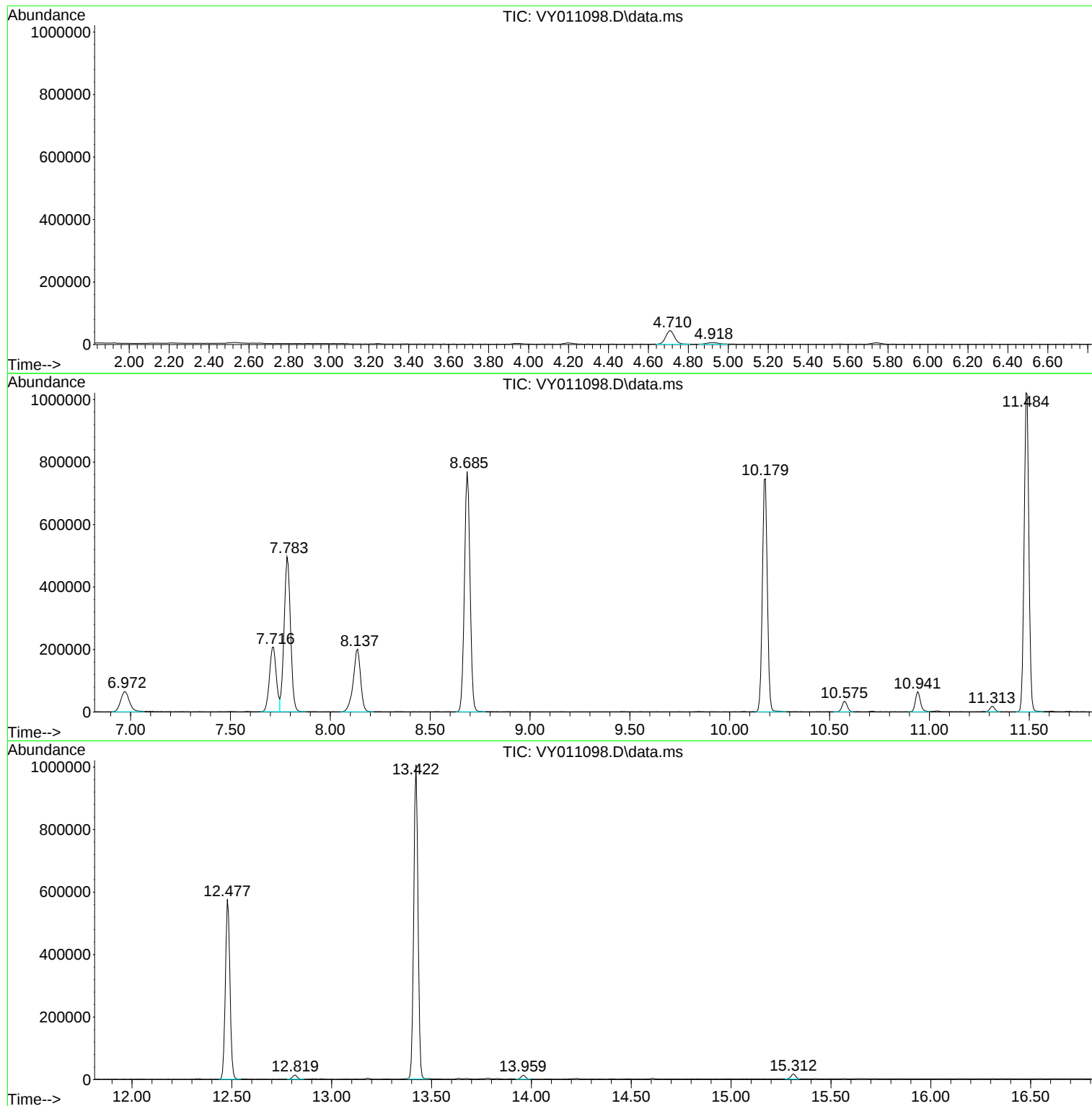
Sum of corrected areas: 9598064

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y101722S.M  
Quant Title : SW846 8260

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



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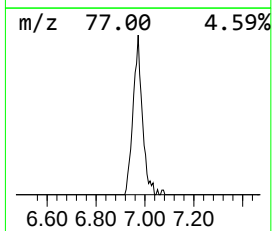
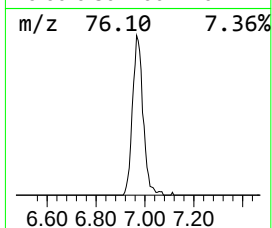
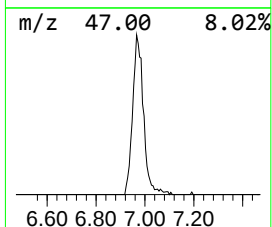
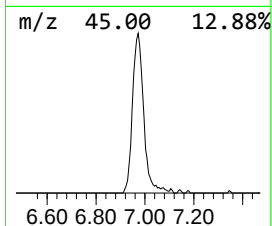
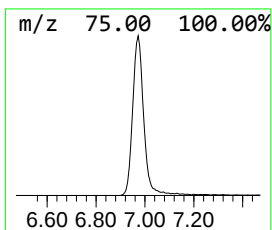
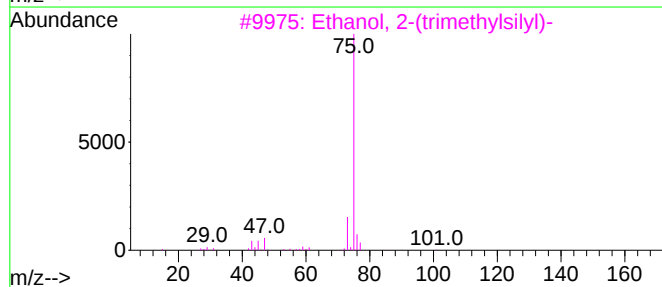
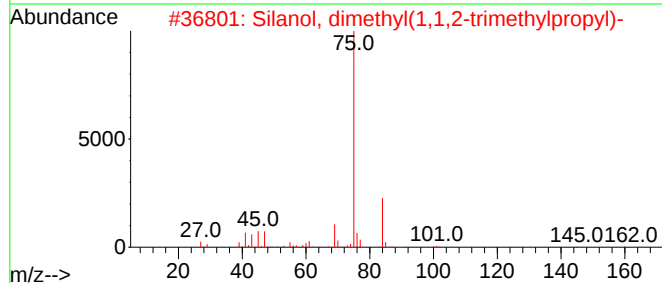
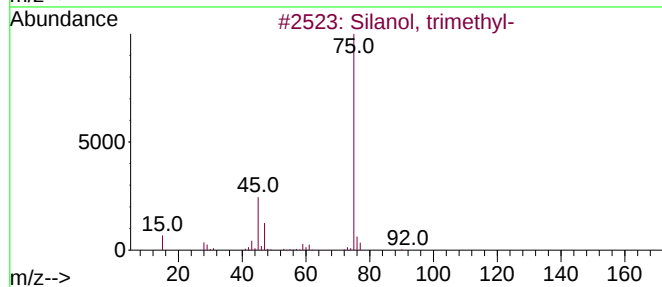
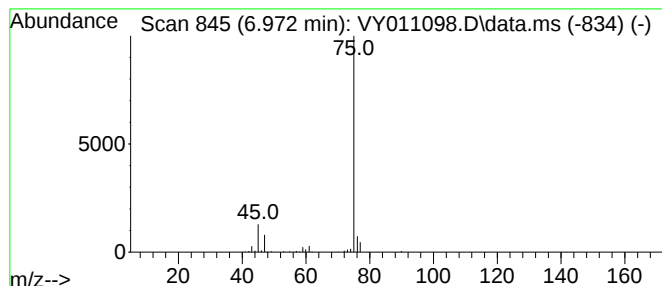
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y101722S.M  
Quant Title : SW846 8260

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

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Peak Number 2 Silanol, trimethyl- Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD   | R.T.  |
|-------|-----------|--------|--------------------|-------|
| 6.972 | 8.94 ug/l | 197751 | Pentafluorobenzene | 7.783 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Silanol, trimethyl-                 | 90  | C3H10OSi | 001066-40-6 | 91   |
| 2    |    |   | Silanol, dimethyl(1,1,2-trimethy... | 160 | C8H20OSi | 055644-10-5 | 78   |
| 3    |    |   | Ethanol, 2-(trimethylsilyl)-        | 118 | C5H14OSi | 002916-68-9 | 64   |
| 4    |    |   | Formamide, N-methylthio             | 75  | C2H5NS   | 018952-41-5 | 39   |
| 5    |    |   | 2-Propanol, 1,1-dimethoxy-          | 120 | C5H12O3  | 042919-42-6 | 9    |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| Silanol, trimet... | 6.972 | 8.9     | ug/l  | 197751   | 1                     | 7.783 | 1106320 | 50.0 |