

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY050923\  
 Data File : VY013661.D  
 Acq On : 09 May 2023 12:27  
 Operator : KP/MD  
 Sample : 02680-01  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SU-02-050823

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\82Y042423S.M  
 Title : SW846 8260

Signal : TIC: VY013661.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         | 2.229       | 61            | 67          | 68           | rBV3     | 1943           | 2831          | 2.43%           | 0.407%        |
| 2         | 2.515       | 107           | 114         | 117          | rBV6     | 1174           | 2367          | 2.03%           | 0.340%        |
| 3         | 2.668       | 135           | 139         | 143          | rVB6     | 1345           | 2270          | 1.95%           | 0.326%        |
| 4         | 4.716       | 469           | 475         | 487          | rVB6     | 2533           | 7556          | 6.48%           | 1.085%        |
| 5         | 6.972       | 836           | 845         | 857          | rBV3     | 4479           | 13148         | 11.27%          | 1.888%        |
| 6         | 7.496       | 927           | 931         | 935          | rBV3     | 599            | 1242          | 1.06%           | 0.178%        |
| 7         | 7.722       | 958           | 968         | 973          | rBV      | 21558          | 50202         | 43.02%          | 7.210%        |
| 8         | 7.789       | 973           | 979         | 988          | rVB      | 29001          | 64470         | 55.25%          | 9.259%        |
| 9         | 8.142       | 1027          | 1037        | 1048         | rBV2     | 22211          | 52663         | 45.13%          | 7.564%        |
| 10        | 8.691       | 1120          | 1127        | 1138         | rBV      | 45754          | 87788         | 75.24%          | 12.608%       |
| 11        | 10.063      | 1348          | 1352        | 1356         | rBV3     | 694            | 1325          | 1.14%           | 0.190%        |
| 12        | 10.179      | 1364          | 1371        | 1381         | rBV      | 64437          | 116685        | 100.00%         | 16.759%       |
| 13        | 10.575      | 1431          | 1436        | 1443         | rVB3     | 1600           | 3114          | 2.67%           | 0.447%        |
| 14        | 10.953      | 1493          | 1498        | 1503         | rVB3     | 1701           | 2705          | 2.32%           | 0.389%        |
| 15        | 11.489      | 1577          | 1586        | 1595         | rBV      | 64868          | 111193        | 95.29%          | 15.970%       |
| 16        | 12.483      | 1743          | 1749        | 1756         | rBV3     | 47617          | 79885         | 68.46%          | 11.473%       |
| 17        | 13.337      | 1884          | 1889        | 1892         | rBV4     | 917            | 1354          | 1.16%           | 0.194%        |
| 18        | 13.428      | 1898          | 1904        | 1915         | rVB      | 54152          | 86821         | 74.41%          | 12.470%       |
| 19        | 13.629      | 1931          | 1937        | 1939         | rBV2     | 593            | 1193          | 1.02%           | 0.171%        |
| 20        | 13.971      | 1986          | 1993        | 1996         | rVB4     | 938            | 1903          | 1.63%           | 0.273%        |
| 21        | 15.312      | 2210          | 2213        | 2220         | rVB5     | 1368           | 2665          | 2.28%           | 0.383%        |
| 22        | 16.421      | 2391          | 2395        | 2399         | rBV4     | 718            | 1468          | 1.26%           | 0.211%        |
| 23        | 16.690      | 2437          | 2439        | 2442         | rBV4     | 996            | 1416          | 1.21%           | 0.203%        |

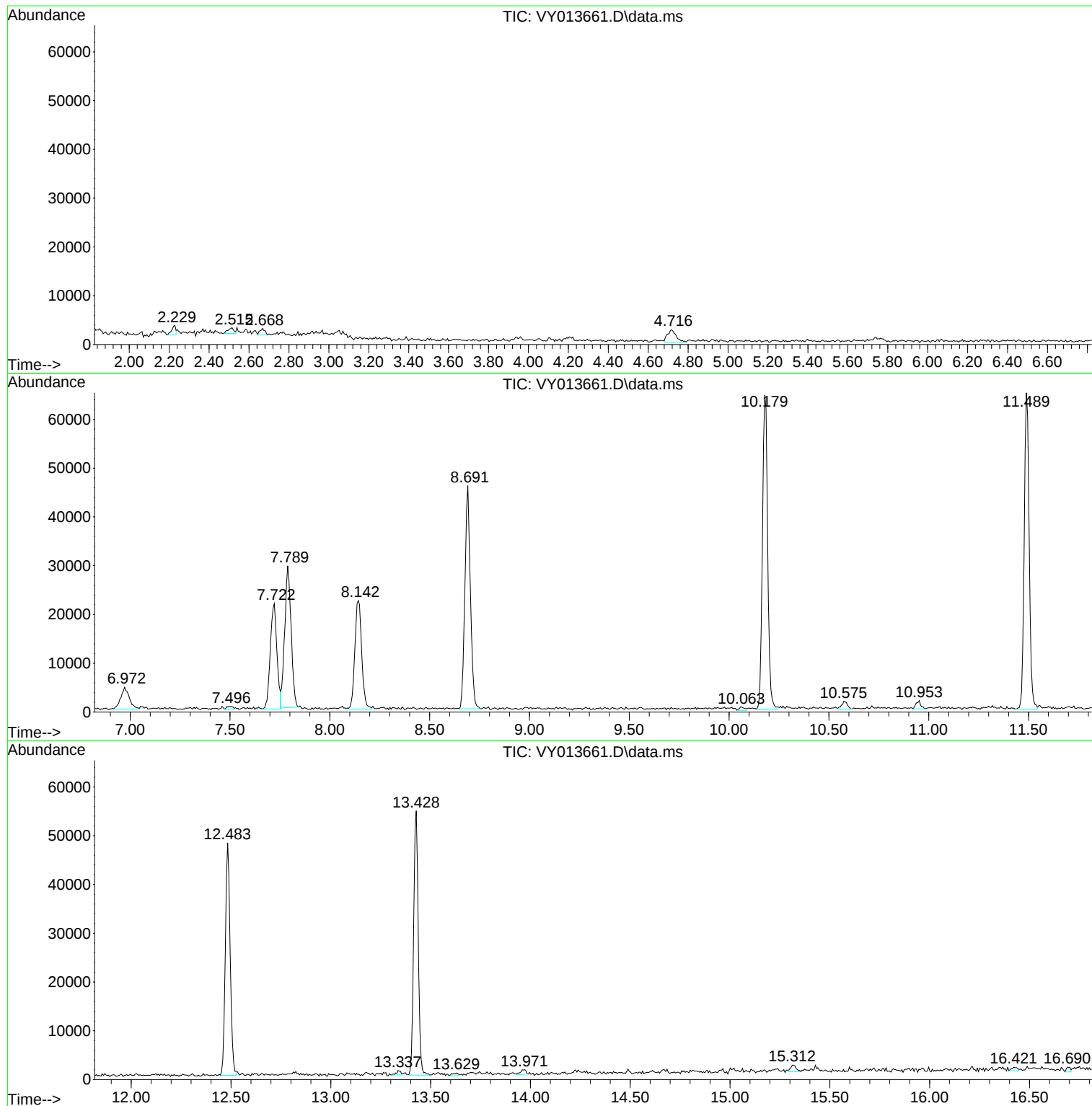
Sum of corrected areas: 696264

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ClientSampleId :  
SU-02-050823

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042423S.M  
Quant Title : SW846 8260

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



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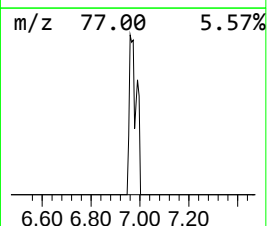
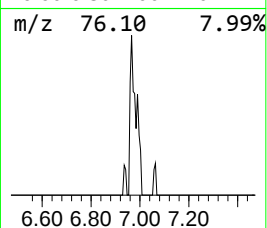
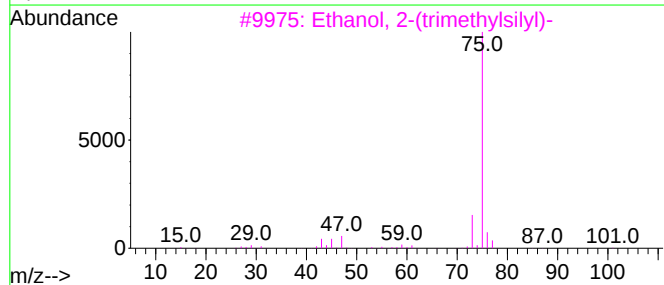
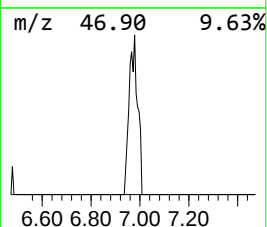
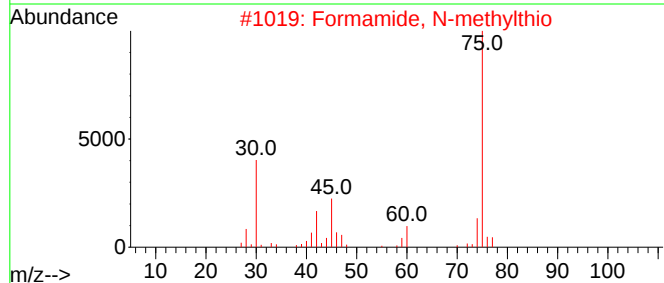
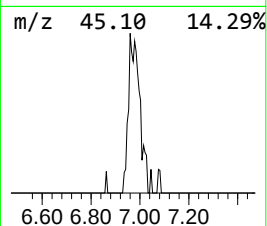
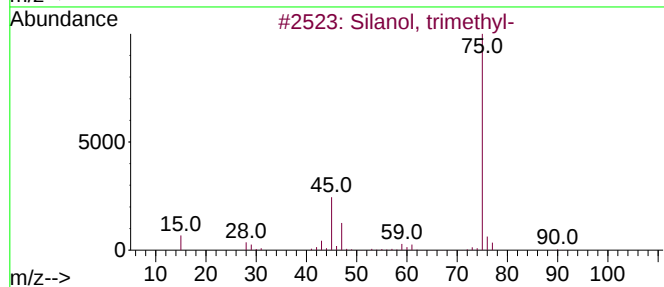
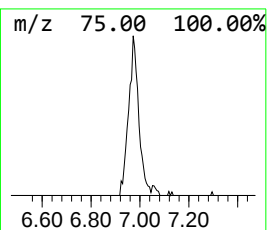
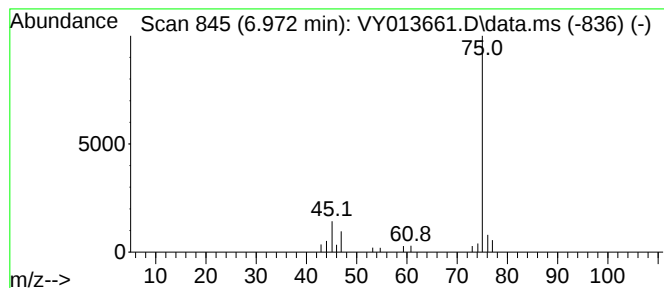
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042423S.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Silanol, trimethyl- Concentration Rank 1

| R.T.  | EstConc    | Area  | Relative to ISTD   | R.T.  |
|-------|------------|-------|--------------------|-------|
| 6.972 | 10.20 ug/l | 13148 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------|-----|----------|-------------|------|
| 1    |    |   | Silanol, trimethyl-          | 90  | C3H10OSi | 001066-40-6 | 64   |
| 2    |    |   | Formamide, N-methylthio      | 75  | C2H5NS   | 018952-41-5 | 56   |
| 3    |    |   | Ethanol, 2-(trimethylsilyl)- | 118 | C5H14OSi | 002916-68-9 | 43   |
| 4    |    |   | Ethanethioamide              | 75  | C2H5NS   | 000062-55-5 | 9    |
| 5    |    |   | Mercaptamine                 | 77  | C2H7NS   | 000060-23-1 | 9    |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |       |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|-------|------|
|                    |       |         |       |          | #                     | RT    | Resp  | Conc |
| Silanol, trimet... | 6.972 | 10.2    | ug/l  | 13148    | 1                     | 7.789 | 64470 | 50.0 |