

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100522\  
 Data File : VY010808.D  
 Acq On : 05 Oct 2022 10:40  
 Operator : KP/MD  
 Sample : VY1005SBL01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1005SBL01

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\82Y100322S.M

Title : SW846 8260

Signal : TIC: VY010808.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         | 3.247       | 227           | 234         | 241          | rBV3     | 6626           | 14961         | 1.25%           | 0.228%        |
| 2         | 4.716       | 464           | 475         | 486          | rBV3     | 10499          | 34111         | 2.85%           | 0.519%        |
| 3         | 4.924       | 497           | 509         | 521          | rBV      | 7274           | 28655         | 2.40%           | 0.436%        |
| 4         | 6.972       | 832           | 845         | 869          | rBV      | 50826          | 158583        | 13.27%          | 2.415%        |
| 5         | 7.716       | 956           | 967         | 973          | rBV      | 167919         | 404844        | 33.87%          | 6.165%        |
| 6         | 7.789       | 973           | 979         | 991          | rVB      | 280463         | 632943        | 52.95%          | 9.639%        |
| 7         | 8.136       | 1023          | 1036        | 1049         | rBV2     | 182524         | 502134        | 42.01%          | 7.647%        |
| 8         | 8.685       | 1118          | 1126        | 1141         | rBV      | 428546         | 850424        | 71.15%          | 12.951%       |
| 9         | 10.179      | 1362          | 1371        | 1387         | rBV      | 715889         | 1195326       | 100.00%         | 18.204%       |
| 10        | 10.581      | 1428          | 1437        | 1443         | rBV      | 23321          | 42500         | 3.56%           | 0.647%        |
| 11        | 10.941      | 1490          | 1496        | 1507         | rBV      | 25843          | 47824         | 4.00%           | 0.728%        |
| 12        | 11.319      | 1553          | 1558        | 1567         | rVB2     | 10678          | 17137         | 1.43%           | 0.261%        |
| 13        | 11.489      | 1579          | 1586        | 1599         | rBV      | 616630         | 982622        | 82.21%          | 14.965%       |
| 14        | 12.483      | 1742          | 1749        | 1761         | rVB      | 466080         | 740807        | 61.98%          | 11.282%       |
| 15        | 13.422      | 1897          | 1903        | 1918         | rVB      | 598336         | 891937        | 74.62%          | 13.584%       |
| 16        | 15.318      | 2206          | 2214        | 2222         | rBV2     | 12493          | 21513         | 1.80%           | 0.328%        |

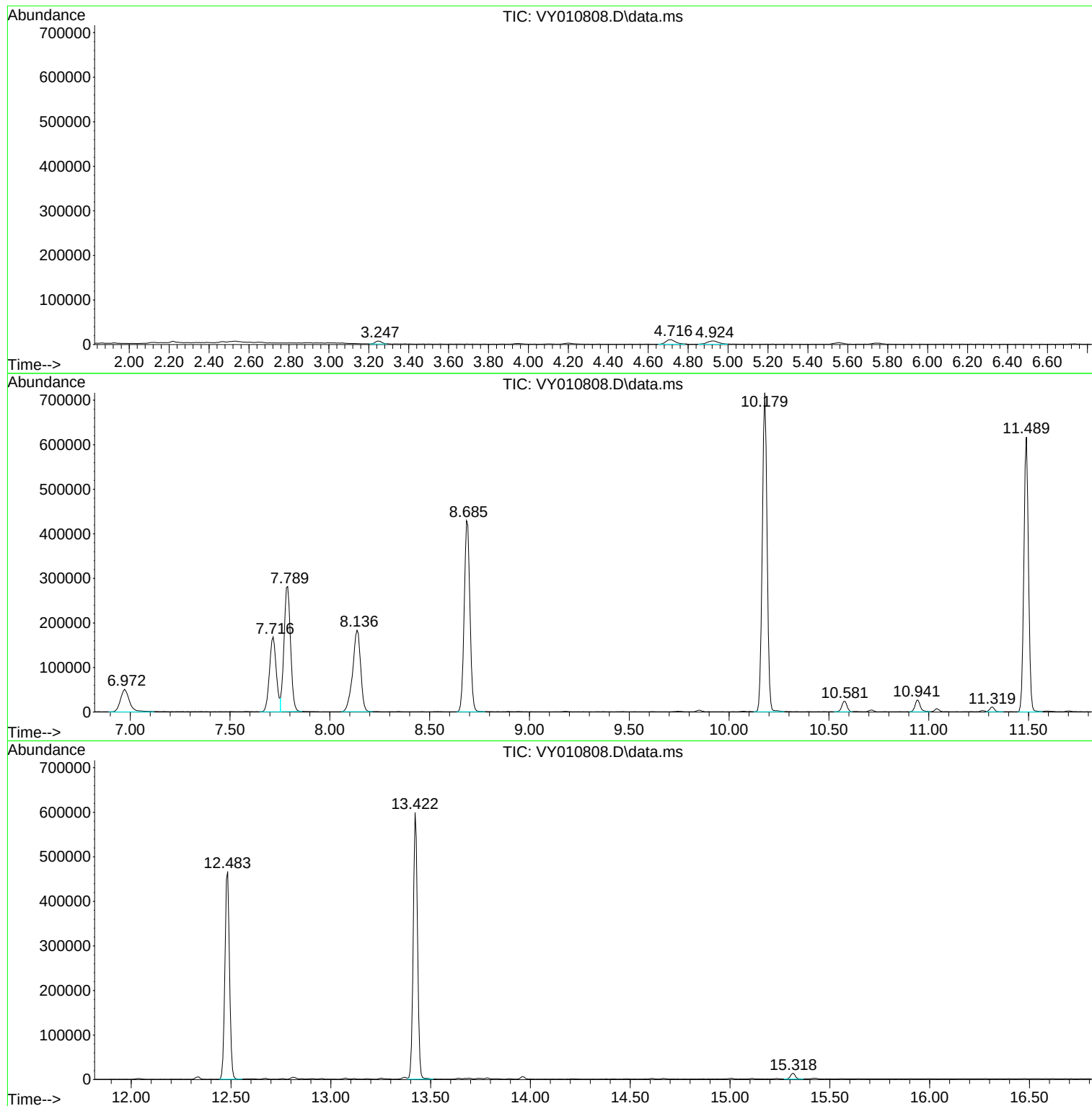
Sum of corrected areas: 6566321

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100322S.M  
Quant Title : SW846 8260

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



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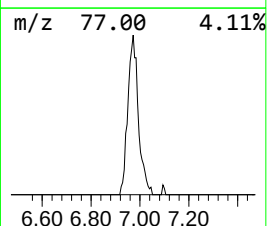
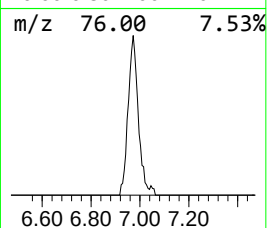
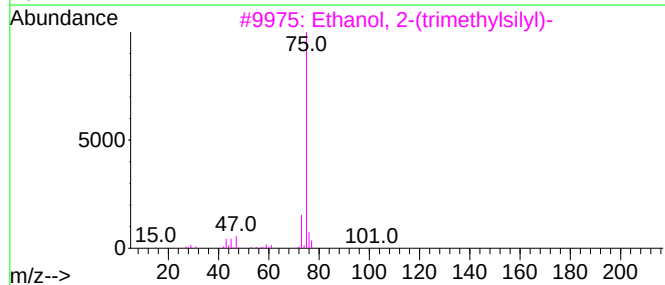
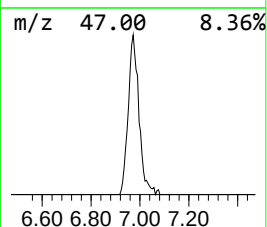
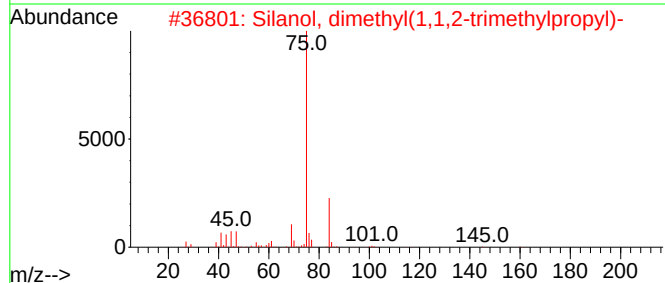
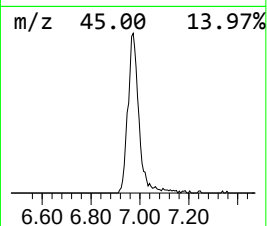
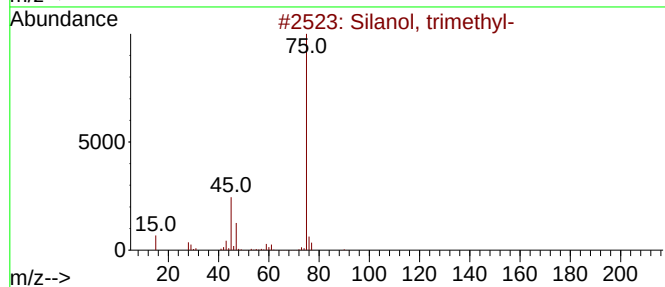
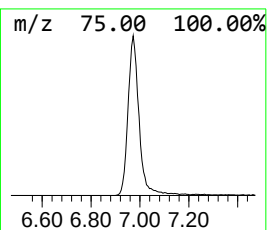
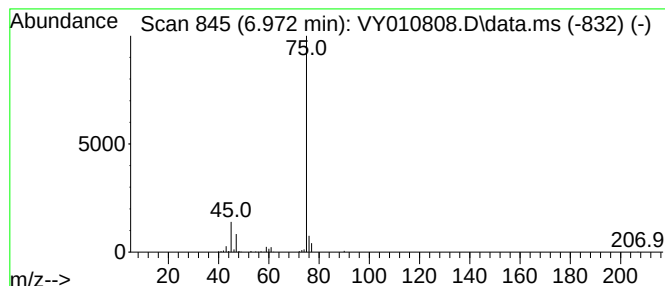
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100322S.M  
Quant Title : SW846 8260

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

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Peak Number 1 Silanol, trimethyl- Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 6.972 | 12.53 ug/l | 158583 | Pentafluorobenzene | 7.789 |

| 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 | 43   |
| 4    |    |   | Ethanethioamide                     | 75  | C2H5NS   | 000062-55-5 | 9    |
| 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 | 12.5    | ug/l  | 158583   | 1                     | 7.789 | 632943 | 50.0 |