

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092922\  
 Data File : VY010736.D  
 Acq On : 29 Sep 2022 17:07  
 Operator : KP/MD  
 Sample : N4898-01  
 Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CRUSHED-MASONRY-PILE-11

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\82Y091922S.M

Title : SW846 8260

Signal : TIC: VY010736.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       | 463           | 474         | 492          | rVB      | 38238          | 120640        | 10.44%          | 1.781%        |
| 2         | 5.741       | 633           | 643         | 656          | rVB2     | 8616           | 26972         | 2.33%           | 0.398%        |
| 3         | 6.972       | 836           | 845         | 866          | rBV      | 39636          | 123409        | 10.68%          | 1.822%        |
| 4         | 7.710       | 958           | 966         | 971          | rBV2     | 21886          | 51027         | 4.42%           | 0.753%        |
| 5         | 7.783       | 971           | 978         | 994          | rVB      | 313485         | 724908        | 62.74%          | 10.704%       |
| 6         | 8.137       | 1022          | 1036        | 1048         | rBV2     | 180639         | 461715        | 39.96%          | 6.818%        |
| 7         | 8.685       | 1117          | 1126        | 1140         | rBV      | 475811         | 931192        | 80.60%          | 13.750%       |
| 8         | 10.179      | 1363          | 1371        | 1379         | rBV      | 679030         | 1155383       | 100.00%         | 17.060%       |
| 9         | 10.575      | 1430          | 1436        | 1442         | rBV      | 8141           | 14563         | 1.26%           | 0.215%        |
| 10        | 10.941      | 1490          | 1496        | 1502         | rBV      | 7596           | 12826         | 1.11%           | 0.189%        |
| 11        | 11.490      | 1578          | 1586        | 1599         | rBV      | 679841         | 1105659       | 95.70%          | 16.326%       |
| 12        | 12.477      | 1741          | 1748        | 1760         | rBV      | 547990         | 851895        | 73.73%          | 12.579%       |
| 13        | 13.422      | 1896          | 1903        | 1915         | rVB      | 726662         | 1092013       | 94.52%          | 16.124%       |
| 14        | 13.526      | 1915          | 1920        | 1928         | rVB      | 15087          | 24780         | 2.14%           | 0.366%        |
| 15        | 13.623      | 1931          | 1936        | 1944         | rBV      | 15284          | 22888         | 1.98%           | 0.338%        |
| 16        | 15.233      | 2193          | 2200        | 2205         | rVB      | 15223          | 26282         | 2.27%           | 0.388%        |
| 17        | 15.312      | 2205          | 2213        | 2220         | rBV2     | 6384           | 13528         | 1.17%           | 0.200%        |
| 18        | 16.288      | 2366          | 2373        | 2378         | rBV2     | 6710           | 12713         | 1.10%           | 0.188%        |

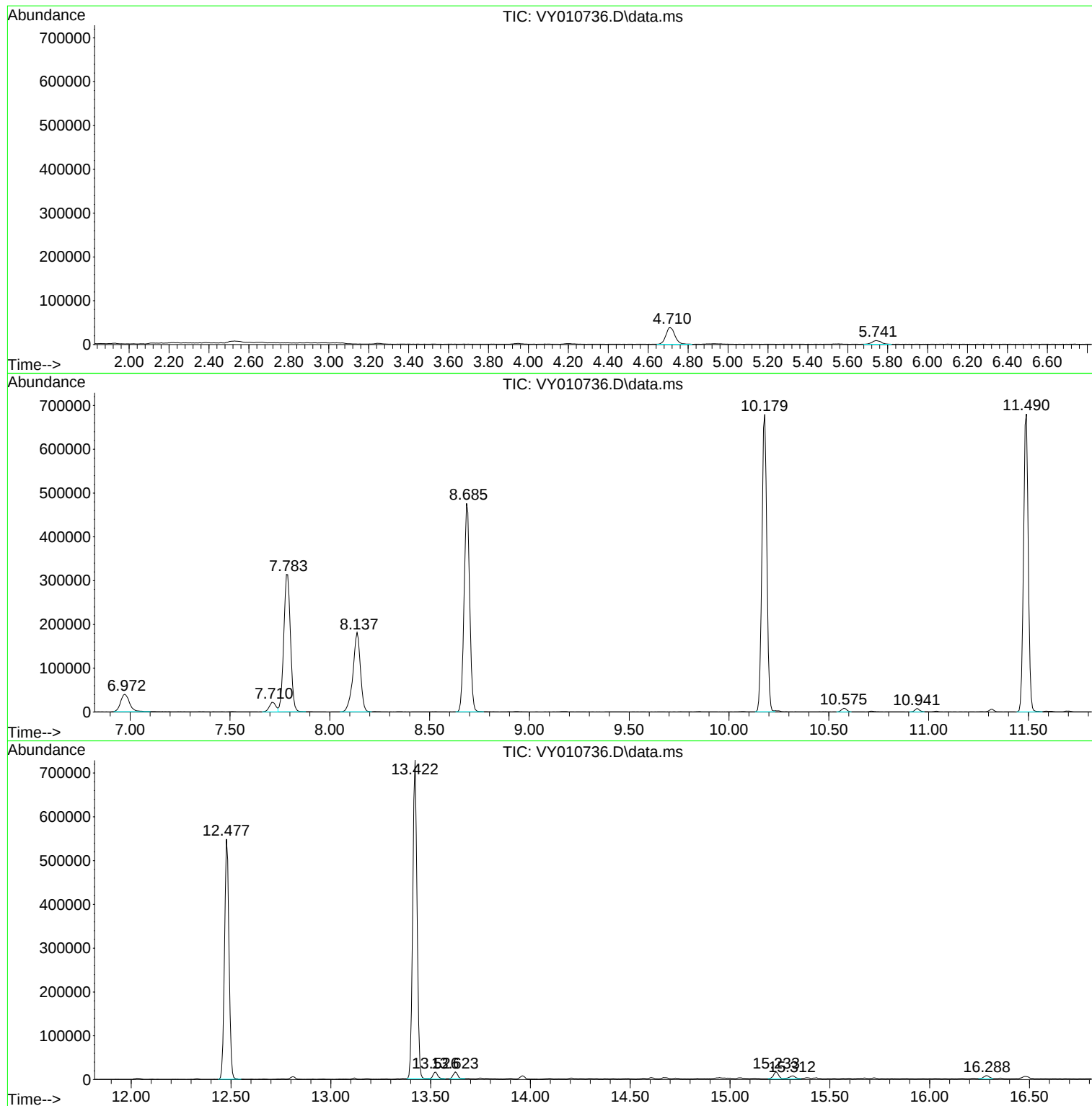
Sum of corrected areas: 6772393

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091922S.M  
Quant Title : SW846 8260

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



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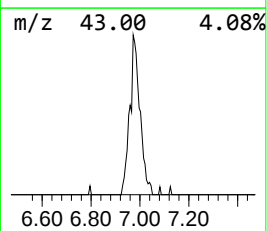
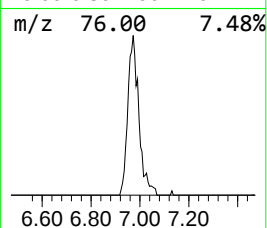
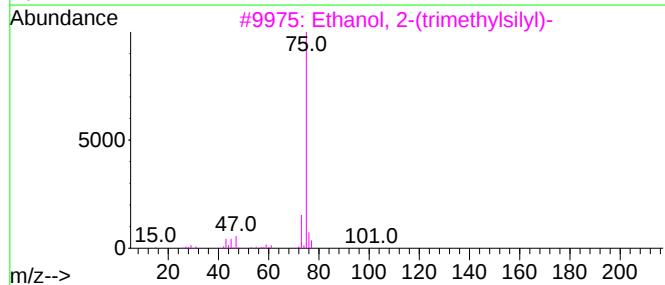
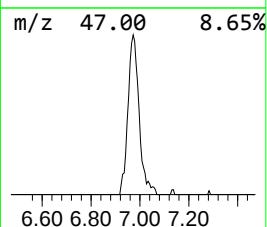
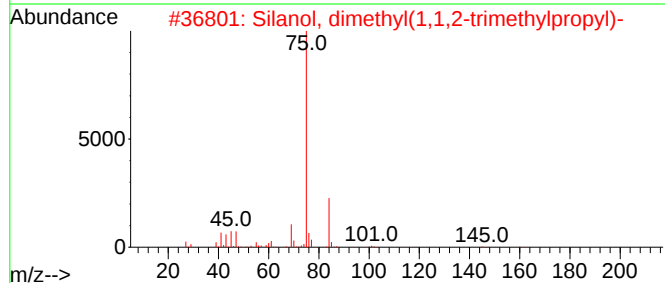
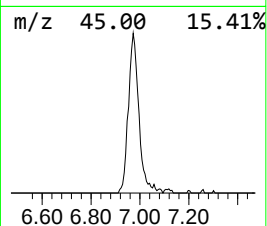
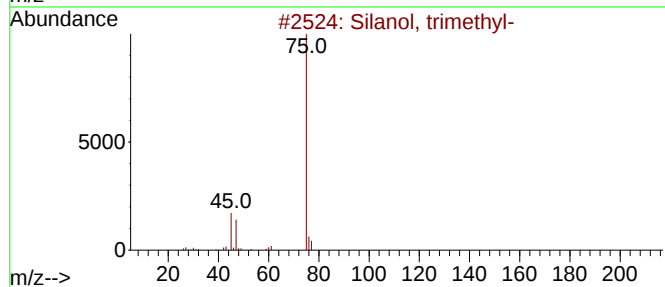
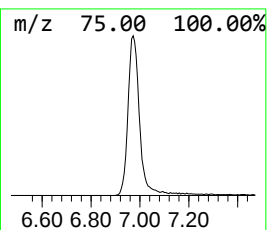
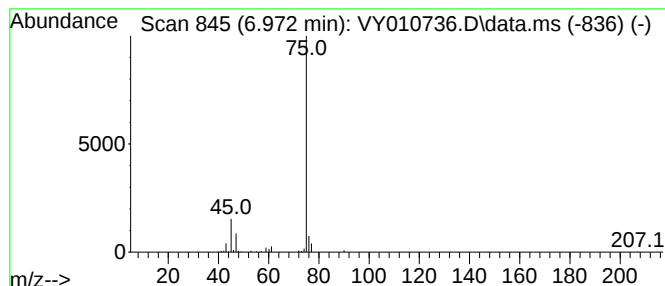
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091922S.M  
Quant Title : SW846 8260

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 | 8.51 ug/l | 123409 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Silanol, trimethyl-                 | 90  | C3H10OSi | 001066-40-6 | 78   |
| 2    |    |   | Silanol, dimethyl(1,1,2-trimethy... | 160 | C8H20OSi | 055644-10-5 | 78   |
| 3    |    |   | Ethanol, 2-(trimethylsilyl)-        | 118 | C5H14OSi | 002916-68-9 | 64   |
| 4    |    |   | 2-Propanol, 1,1-dimethoxy-          | 120 | C5H12O3  | 042919-42-6 | 39   |
| 5    |    |   | Ethanethioamide                     | 75  | C2H5NS   | 000062-55-5 | 9    |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Silanol, trimet... | 6.972 | 8.5     | ug/l  | 123409   | 1                     | 7.789 | 724908 | 50.0 |