

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY050823\  
 Data File : VY013644.D  
 Acq On : 08 May 2023 13:15  
 Operator : KP/MD  
 Sample : 02588-04  
 Misc : 4.57g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ZONE-C-0-3-05012023

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: VY013644.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         | 2.217       | 60            | 65          | 74           | rBV      | 27532          | 46882         | 3.40%           | 0.625%        |
| 2         | 4.716       | 463           | 475         | 492          | rBV      | 49762          | 156325        | 11.34%          | 2.085%        |
| 3         | 5.747       | 635           | 644         | 652          | rBV5     | 4868           | 14546         | 1.05%           | 0.194%        |
| 4         | 6.972       | 834           | 845         | 861          | rBV      | 27727          | 91075         | 6.60%           | 1.215%        |
| 5         | 7.716       | 957           | 967         | 973          | rBV2     | 240824         | 578699        | 41.96%          | 7.720%        |
| 6         | 7.789       | 973           | 979         | 992          | rVB      | 317166         | 735990        | 53.37%          | 9.818%        |
| 7         | 8.136       | 1025          | 1036        | 1052         | rBV      | 219504         | 521419        | 37.81%          | 6.956%        |
| 8         | 8.685       | 1118          | 1126        | 1138         | rVB      | 485028         | 960239        | 69.63%          | 12.810%       |
| 9         | 10.179      | 1363          | 1371        | 1379         | rBV      | 824295         | 1379060       | 100.00%         | 18.397%       |
| 10        | 10.575      | 1429          | 1436        | 1443         | rVB      | 28141          | 50293         | 3.65%           | 0.671%        |
| 11        | 10.941      | 1489          | 1496        | 1505         | rBV      | 33955          | 55424         | 4.02%           | 0.739%        |
| 12        | 11.319      | 1551          | 1558        | 1564         | rBV      | 10112          | 17003         | 1.23%           | 0.227%        |
| 13        | 11.489      | 1579          | 1586        | 1598         | rBV      | 627572         | 1026305       | 74.42%          | 13.691%       |
| 14        | 12.483      | 1740          | 1749        | 1758         | rBV2     | 566679         | 942764        | 68.36%          | 12.576%       |
| 15        | 12.818      | 1797          | 1804        | 1812         | rBV7     | 6840           | 16606         | 1.20%           | 0.222%        |
| 16        | 13.282      | 1870          | 1880        | 1885         | rBV3     | 17581          | 32733         | 2.37%           | 0.437%        |
| 17        | 13.337      | 1885          | 1889        | 1896         | rVV6     | 7421           | 14982         | 1.09%           | 0.200%        |
| 18        | 13.422      | 1896          | 1903        | 1909         | rVV      | 518542         | 798294        | 57.89%          | 10.649%       |
| 19        | 13.477      | 1909          | 1912        | 1921         | rVB2     | 14044          | 30420         | 2.21%           | 0.406%        |
| 20        | 13.965      | 1986          | 1992        | 1997         | rVB2     | 15878          | 27210         | 1.97%           | 0.363%        |

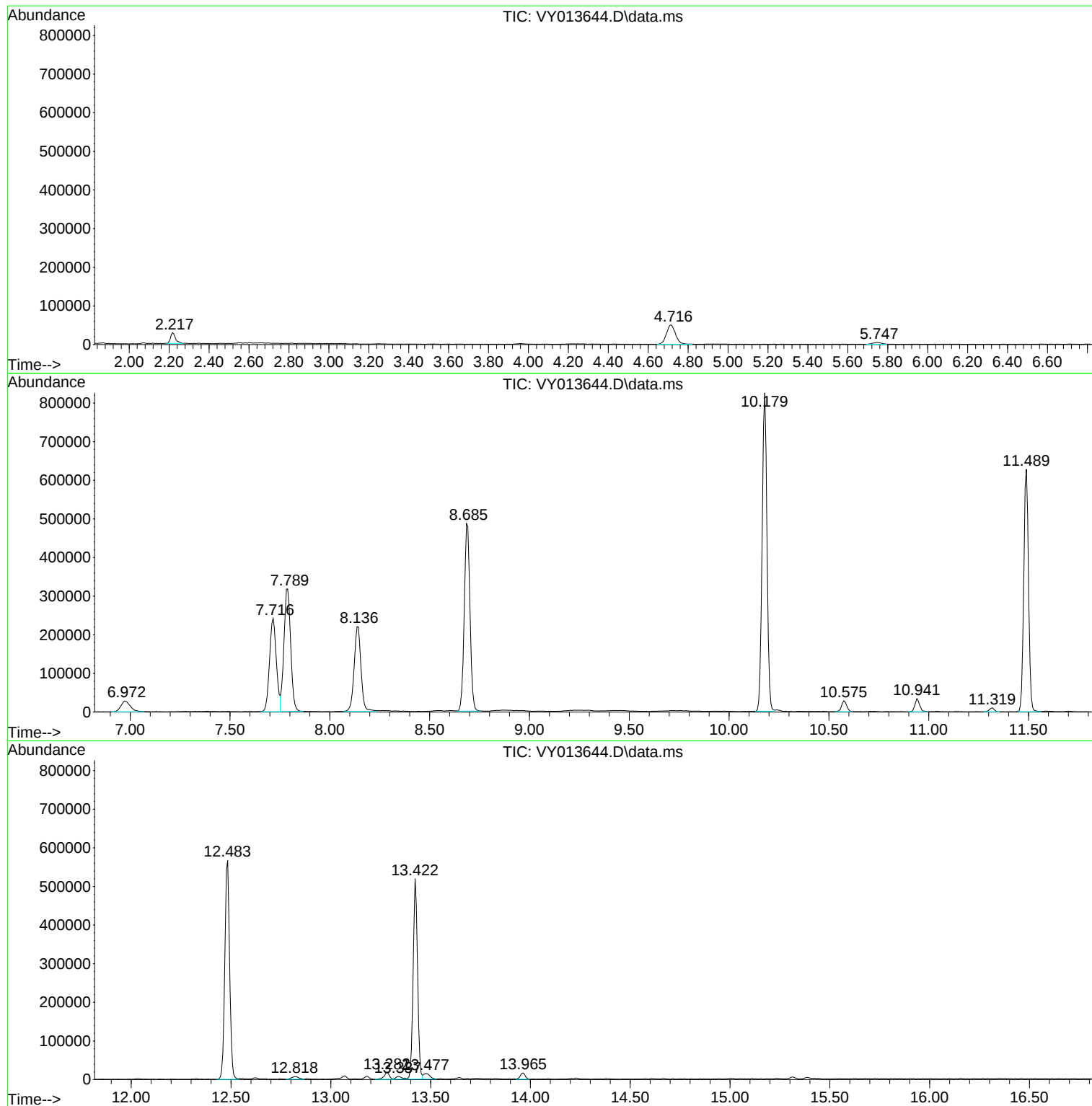
Sum of corrected areas: 7496269

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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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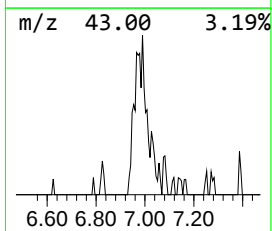
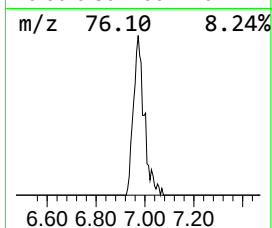
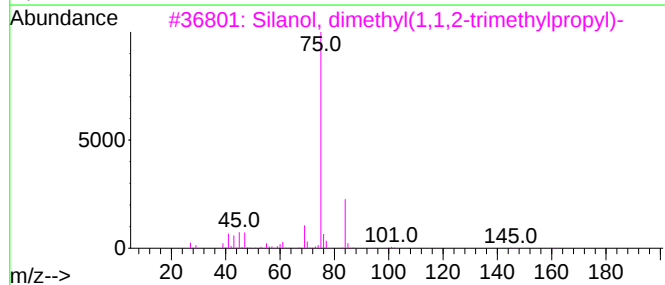
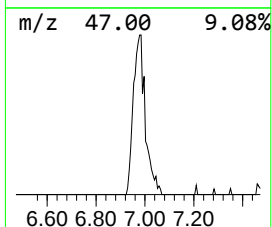
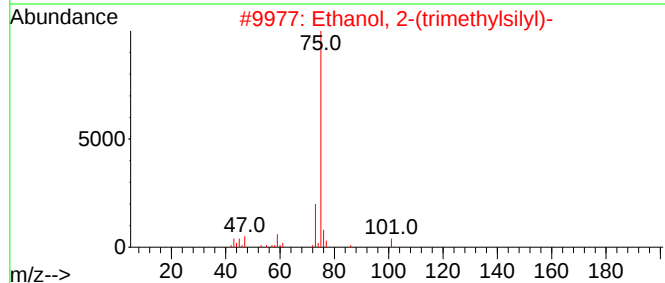
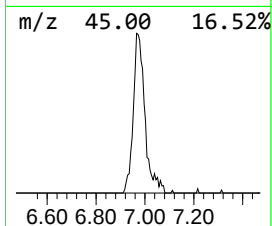
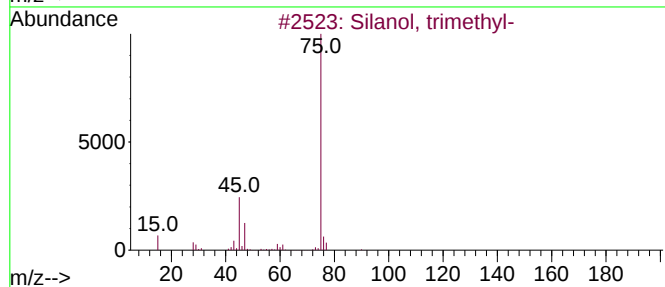
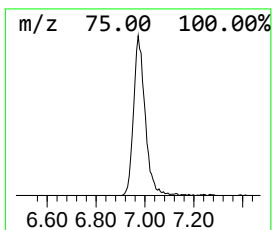
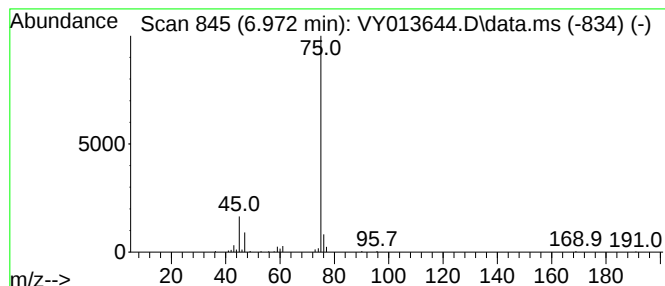
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Quant Title : SW846 8260

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 | 6.19 ug/l | 91075 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Silanol, trimethyl-                 | 90  | C3H10OSi    | 001066-40-6  | 91   |
| 2    |    |   | Ethanol, 2-(trimethylsilyl)-        | 118 | C5H14OSi    | 002916-68-9  | 56   |
| 3    |    |   | Silanol, dimethyl(1,1,2-trimethy... | 160 | C8H20OSi    | 055644-10-5  | 56   |
| 4    |    |   | Acetic acid, TMS derivative         | 132 | C5H12O2Si   | 002754-27-0  | 43   |
| 5    |    |   | 2-Dimethyl(dichloromethyl)silylo... | 214 | C7H16Cl2OSi | 1000280-00-3 | 43   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Silanol, trimet... | 6.972 | 6.2     | ug/l  | 91075    | 1                     | 7.789 | 735990 | 50.0 |