

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030723\  
 Data File : VY012841.D  
 Acq On : 07 Mar 2023 13:12  
 Operator : KP/MD  
 Sample : 01770-01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VNJ-223

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\82Y030223S.M  
 Title : SW846 8260

Signal : TIC: VY012841.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         | 4.722       | 466           | 476         | 488          | rVB3     | 6713           | 20646         | 4.58%           | 0.821%        |
| 2         | 5.753       | 637           | 645         | 653          | rVB5     | 2097           | 5743          | 1.27%           | 0.228%        |
| 3         | 6.966       | 834           | 844         | 859          | rBV2     | 16793          | 53898         | 11.95%          | 2.143%        |
| 4         | 7.716       | 957           | 967         | 973          | rBV      | 68891          | 163042        | 36.16%          | 6.483%        |
| 5         | 7.789       | 973           | 979         | 988          | rVB      | 110343         | 247518        | 54.90%          | 9.842%        |
| 6         | 8.143       | 1026          | 1037        | 1048         | rBV      | 65948          | 148524        | 32.94%          | 5.906%        |
| 7         | 8.691       | 1119          | 1127        | 1140         | rVB      | 165891         | 327089        | 72.55%          | 13.006%       |
| 8         | 10.179      | 1364          | 1371        | 1383         | rBV      | 262366         | 450863        | 100.00%         | 17.927%       |
| 9         | 10.581      | 1430          | 1437        | 1444         | rVB      | 13793          | 24396         | 5.41%           | 0.970%        |
| 10        | 10.947      | 1490          | 1497        | 1506         | rBV      | 17320          | 30093         | 6.67%           | 1.197%        |
| 11        | 11.319      | 1552          | 1558        | 1564         | rBV2     | 4047           | 6539          | 1.45%           | 0.260%        |
| 12        | 11.490      | 1579          | 1586        | 1601         | rBV      | 243886         | 393162        | 87.20%          | 15.633%       |
| 13        | 12.483      | 1742          | 1749        | 1760         | rBV2     | 183752         | 298735        | 66.26%          | 11.878%       |
| 14        | 12.825      | 1799          | 1805        | 1810         | rBV      | 3765           | 5512          | 1.22%           | 0.219%        |
| 15        | 13.428      | 1897          | 1904        | 1914         | rVB      | 220989         | 334566        | 74.21%          | 13.303%       |
| 16        | 13.965      | 1986          | 1992        | 1999         | rVB3     | 2769           | 4676          | 1.04%           | 0.186%        |

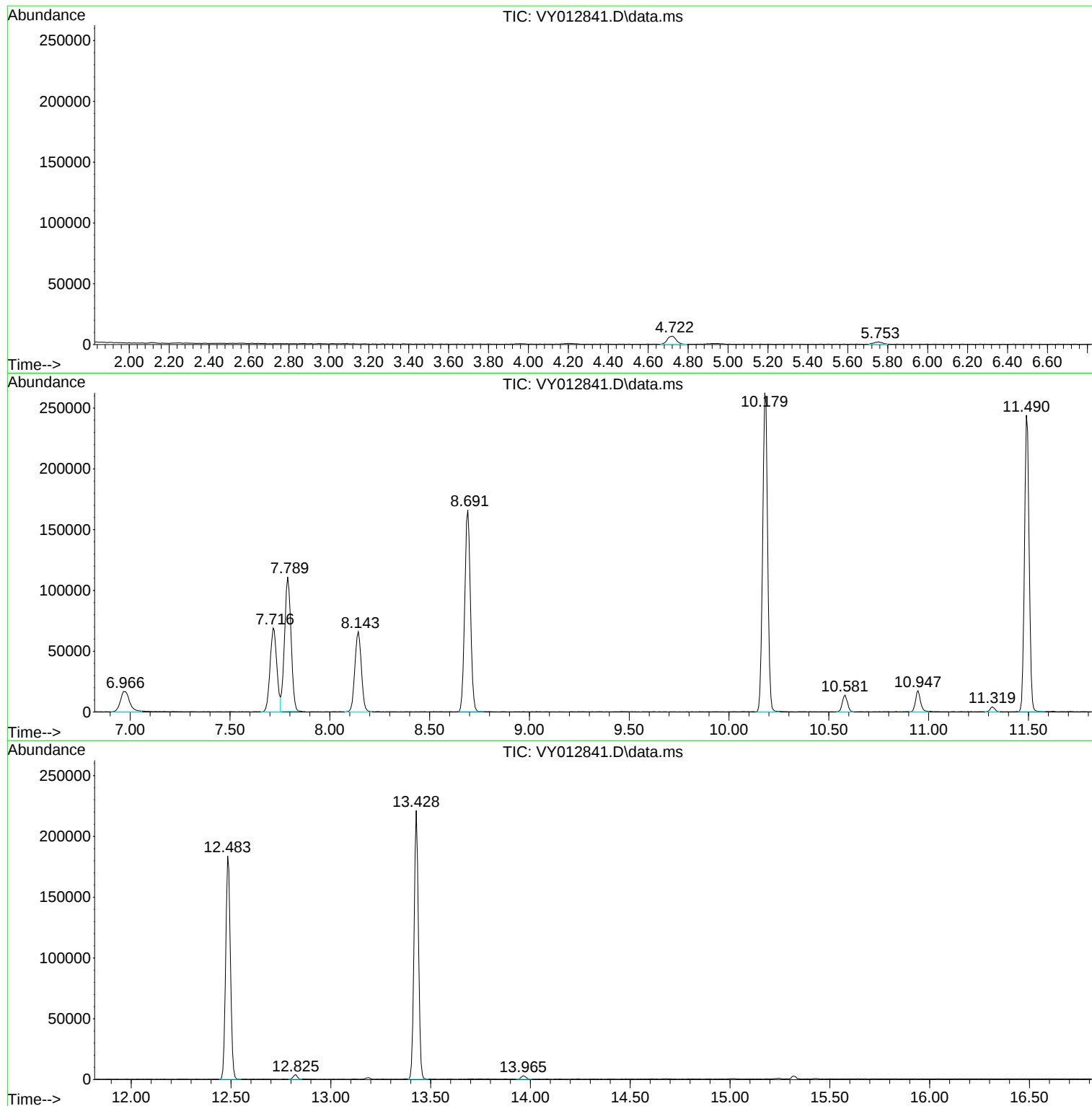
Sum of corrected areas: 2515002

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030223S.M  
Quant Title : SW846 8260

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



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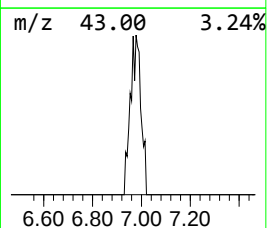
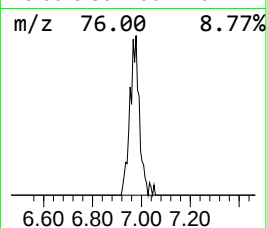
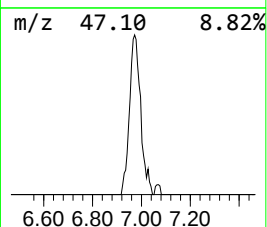
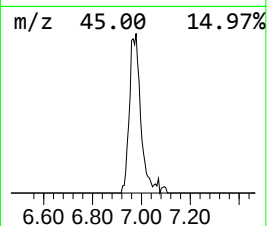
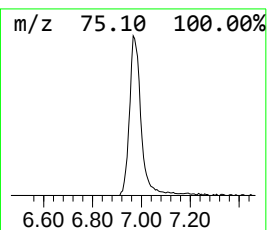
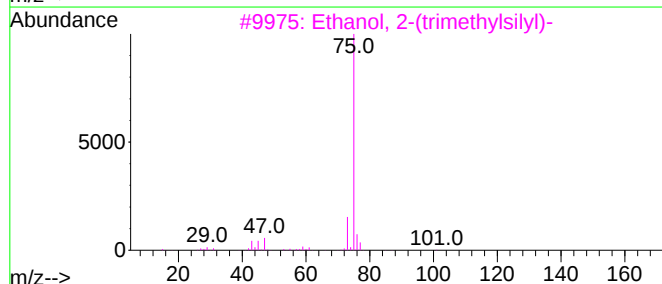
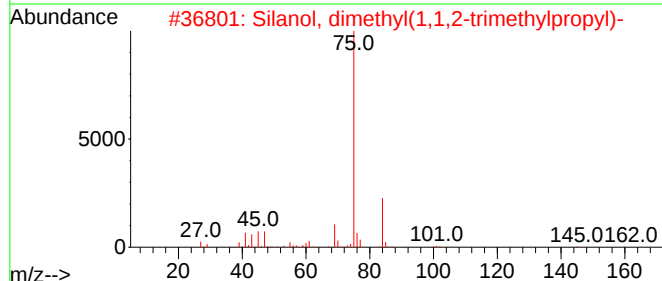
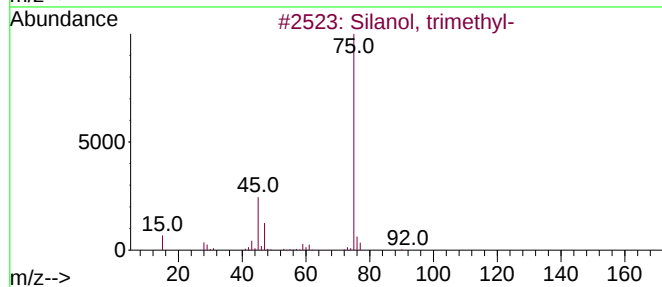
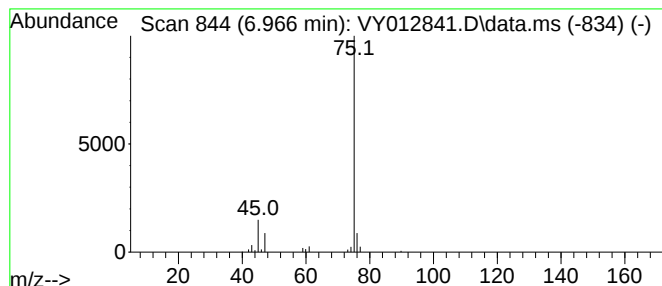
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030223S.M  
Quant Title : SW846 8260

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.  |
|-------|------------|-------|--------------------|-------|
| 6.966 | 10.89 ug/l | 53898 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Silanol, trimethyl-                 | 90  | C3H10OSi | 001066-40-6 | 90   |
| 2    |    |   | Silanol, dimethyl(1,1,2-trimethy... | 160 | C8H20OSi | 055644-10-5 | 78   |
| 3    |    |   | Ethanol, 2-(trimethylsilyl)-        | 118 | C5H14OSi | 002916-68-9 | 40   |
| 4    |    |   | Ethanol, 2-ethoxy-                  | 90  | C4H10O2  | 000110-80-5 | 9    |
| 5    |    |   | Formamide, N-methylthio             | 75  | C2H5NS   | 018952-41-5 | 9    |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Silanol, trimet... | 6.966 | 10.9    | ug/l  | 53898    | 1                     | 7.789 | 247518 | 50.0 |