

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110222\  
 Data File : VY011254.D  
 Acq On : 02 Nov 2022 12:03  
 Operator : KP/MD  
 Sample : N5337-01  
 Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-01-14.5-15.0

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\82Y110122S.M

Title : SW846 8260

Signal : TIC: VY011254.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         | 4.704       | 463           | 473         | 489          | rBV2     | 22641          | 70000         | 4.30%           | 0.721%        |
| 2         | 4.918       | 497           | 508         | 522          | rBV      | 6804           | 25389         | 1.56%           | 0.261%        |
| 3         | 6.972       | 834           | 845         | 861          | rBV      | 58494          | 177642        | 10.92%          | 1.829%        |
| 4         | 7.710       | 954           | 966         | 972          | rBV      | 242633         | 580038        | 35.66%          | 5.972%        |
| 5         | 7.783       | 972           | 978         | 996          | rVB      | 426182         | 977687        | 60.11%          | 10.067%       |
| 6         | 8.136       | 1022          | 1036        | 1048         | rBV2     | 237393         | 562219        | 34.56%          | 5.789%        |
| 7         | 8.685       | 1117          | 1126        | 1140         | rBV      | 662081         | 1281118       | 78.76%          | 13.191%       |
| 8         | 10.179      | 1363          | 1371        | 1380         | rBV      | 966922         | 1626570       | 100.00%         | 16.748%       |
| 9         | 10.575      | 1429          | 1436        | 1444         | rVB      | 25918          | 46474         | 2.86%           | 0.479%        |
| 10        | 10.941      | 1489          | 1496        | 1509         | rBV      | 88894          | 148963        | 9.16%           | 1.534%        |
| 11        | 11.313      | 1552          | 1557        | 1565         | rVB2     | 14799          | 24305         | 1.49%           | 0.250%        |
| 12        | 11.490      | 1578          | 1586        | 1598         | rBV      | 913891         | 1499513       | 92.19%          | 15.439%       |
| 13        | 12.477      | 1741          | 1748        | 1760         | rBV      | 757093         | 1180060       | 72.55%          | 12.150%       |
| 14        | 12.812      | 1797          | 1803        | 1809         | rBV      | 19012          | 31215         | 1.92%           | 0.321%        |
| 15        | 13.422      | 1896          | 1903        | 1918         | rVB      | 963168         | 1445395       | 88.86%          | 14.882%       |
| 16        | 13.959      | 1985          | 1991        | 1996         | rVB2     | 10098          | 16947         | 1.04%           | 0.174%        |
| 17        | 15.312      | 2208          | 2213        | 2220         | rVB2     | 11504          | 18709         | 1.15%           | 0.193%        |

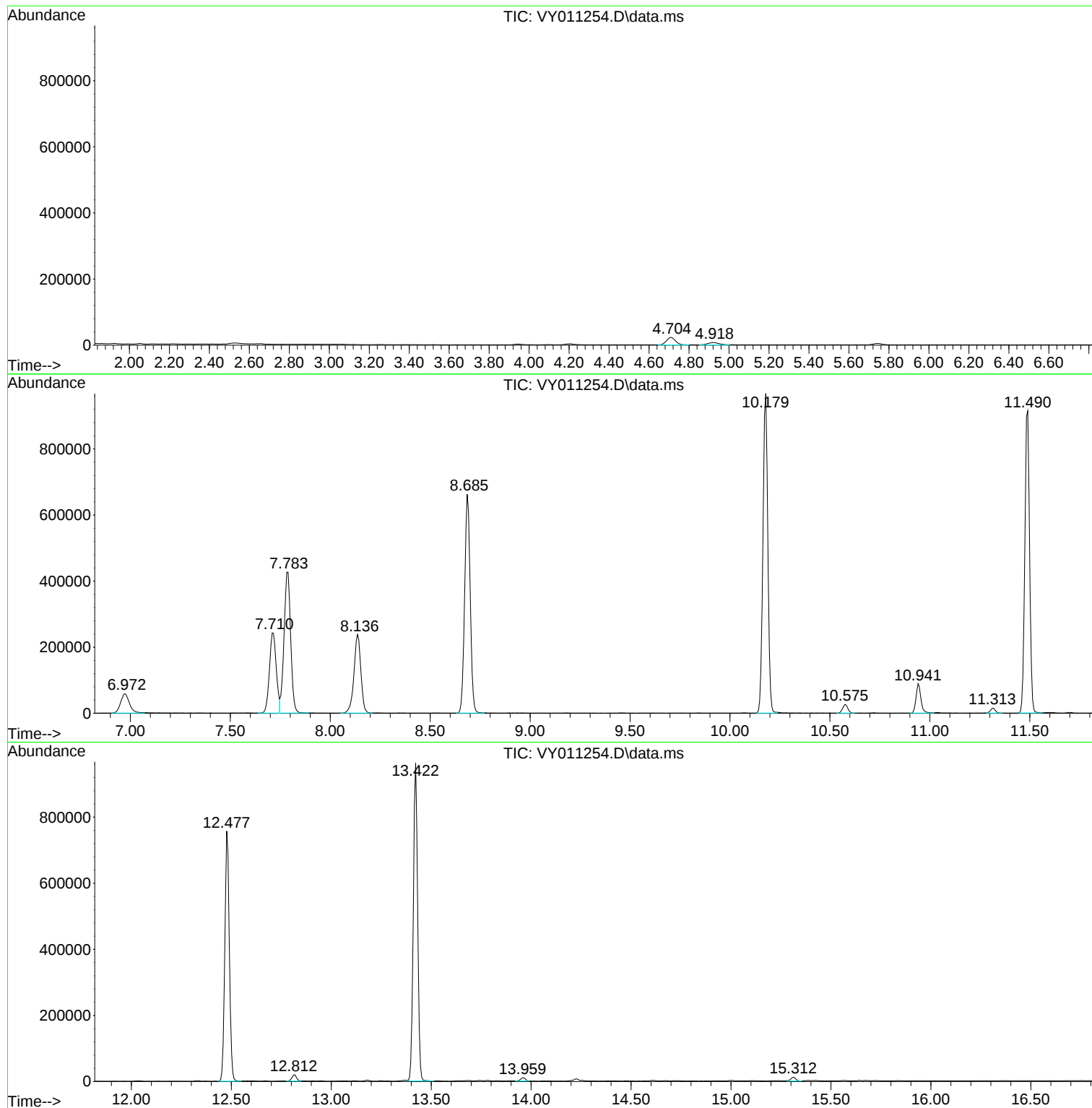
Sum of corrected areas: 9712244

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110122S.M  
Quant Title : SW846 8260

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



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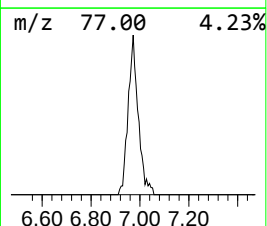
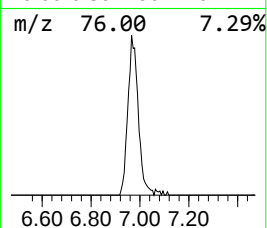
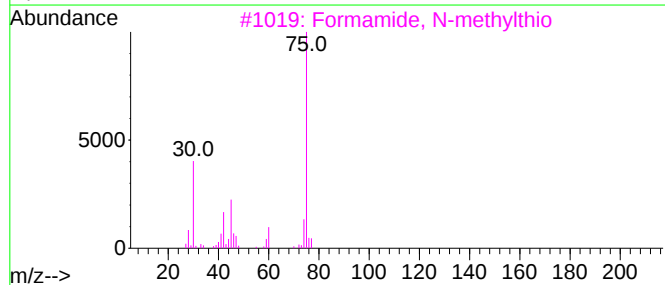
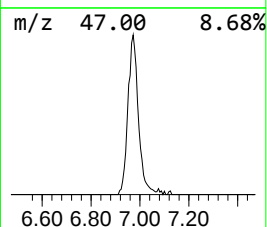
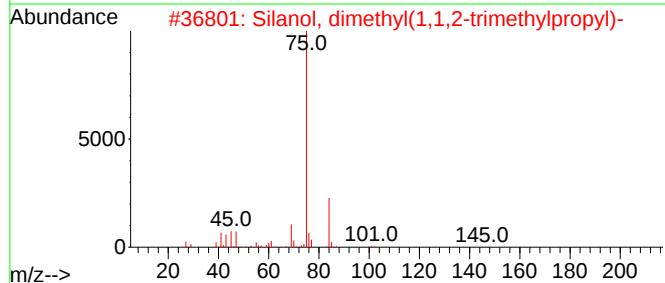
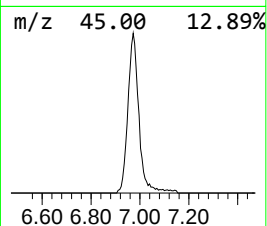
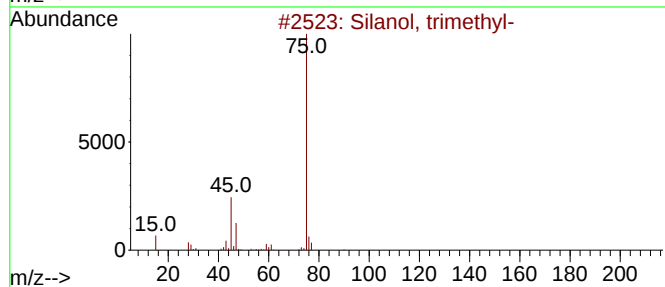
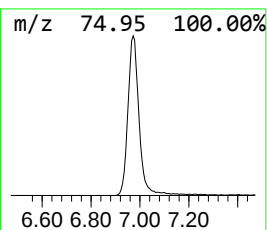
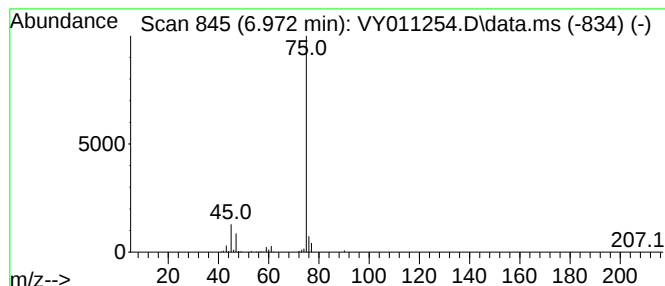
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110122S.M  
Quant Title : SW846 8260

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 | 9.08 ug/l | 177642 | 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    |    |   | Formamide, N-methylthio             | 75  | C2H5NS   | 018952-41-5 | 64   |
| 4    |    |   | Ethanol, 2-(trimethylsilyl)-        | 118 | C5H14OSi | 002916-68-9 | 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 | 9.1     | ug/l  | 177642   | 1                     | 7.789 | 977687 | 50.0 |