

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062023\  
 Data File : VY014278.D  
 Acq On : 20 Jun 2023 13:12  
 Operator : KP/MD  
 Sample : 03288-01  
 Misc : 5.08g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 PAT-2-061523

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\82Y060923S.M

Title : SW846 8260

Signal : TIC: VY014278.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         | 2.113       | 43            | 48          | 51           | rBV4     | 1750           | 3144          | 1.01%           | 0.161%        |
| 2         | 4.198       | 382           | 390         | 394          | rBV5     | 2031           | 5182          | 1.66%           | 0.265%        |
| 3         | 4.704       | 465           | 473         | 486          | rVB3     | 9889           | 31397         | 10.05%          | 1.606%        |
| 4         | 5.734       | 635           | 642         | 647          | rBV5     | 1298           | 3192          | 1.02%           | 0.163%        |
| 5         | 6.978       | 832           | 846         | 857          | rBV2     | 27829          | 88461         | 28.33%          | 4.525%        |
| 6         | 7.715       | 955           | 967         | 973          | rBV      | 50992          | 123732        | 39.62%          | 6.329%        |
| 7         | 7.789       | 973           | 979         | 988          | rVB      | 86734          | 195820        | 62.71%          | 10.016%       |
| 8         | 8.136       | 1028          | 1036        | 1046         | rBV      | 50345          | 112674        | 36.08%          | 5.763%        |
| 9         | 8.685       | 1118          | 1126        | 1137         | rBV      | 117004         | 236324        | 75.68%          | 12.088%       |
| 10        | 10.178      | 1360          | 1371        | 1380         | rBV      | 188632         | 312259        | 100.00%         | 15.972%       |
| 11        | 10.581      | 1430          | 1437        | 1443         | rVB2     | 9994           | 17322         | 5.55%           | 0.886%        |
| 12        | 10.947      | 1490          | 1497        | 1506         | rBV2     | 30550          | 56977         | 18.25%          | 2.914%        |
| 13        | 11.318      | 1552          | 1558        | 1563         | rVB3     | 3675           | 6692          | 2.14%           | 0.342%        |
| 14        | 11.489      | 1578          | 1586        | 1598         | rBV      | 167888         | 274908        | 88.04%          | 14.062%       |
| 15        | 12.483      | 1742          | 1749        | 1758         | rVB2     | 129382         | 211788        | 67.82%          | 10.833%       |
| 16        | 12.818      | 1798          | 1804        | 1809         | rBV4     | 4554           | 7858          | 2.52%           | 0.402%        |
| 17        | 13.178      | 1858          | 1863        | 1871         | rVB3     | 1851           | 3419          | 1.09%           | 0.175%        |
| 18        | 13.422      | 1897          | 1903        | 1910         | rBV      | 142150         | 225266        | 72.14%          | 11.523%       |
| 19        | 13.964      | 1986          | 1992        | 2000         | rVB3     | 5281           | 8728          | 2.80%           | 0.446%        |
| 20        | 14.665      | 2103          | 2107        | 2114         | rBB4     | 2097           | 3615          | 1.16%           | 0.185%        |
| 21        | 15.238      | 2197          | 2201        | 2205         | rBV3     | 2192           | 3253          | 1.04%           | 0.166%        |
| 22        | 15.312      | 2207          | 2213        | 2221         | rBV      | 11045          | 18154         | 5.81%           | 0.929%        |
| 23        | 15.427      | 2227          | 2232        | 2237         | rVB5     | 2444           | 4824          | 1.54%           | 0.247%        |

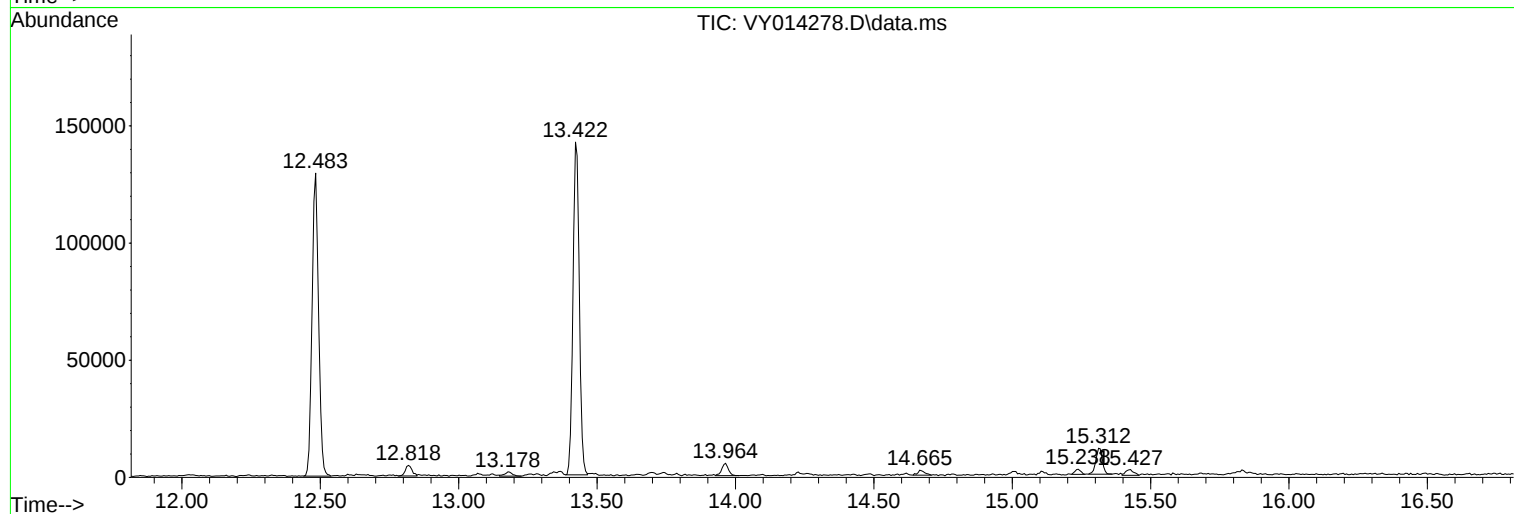
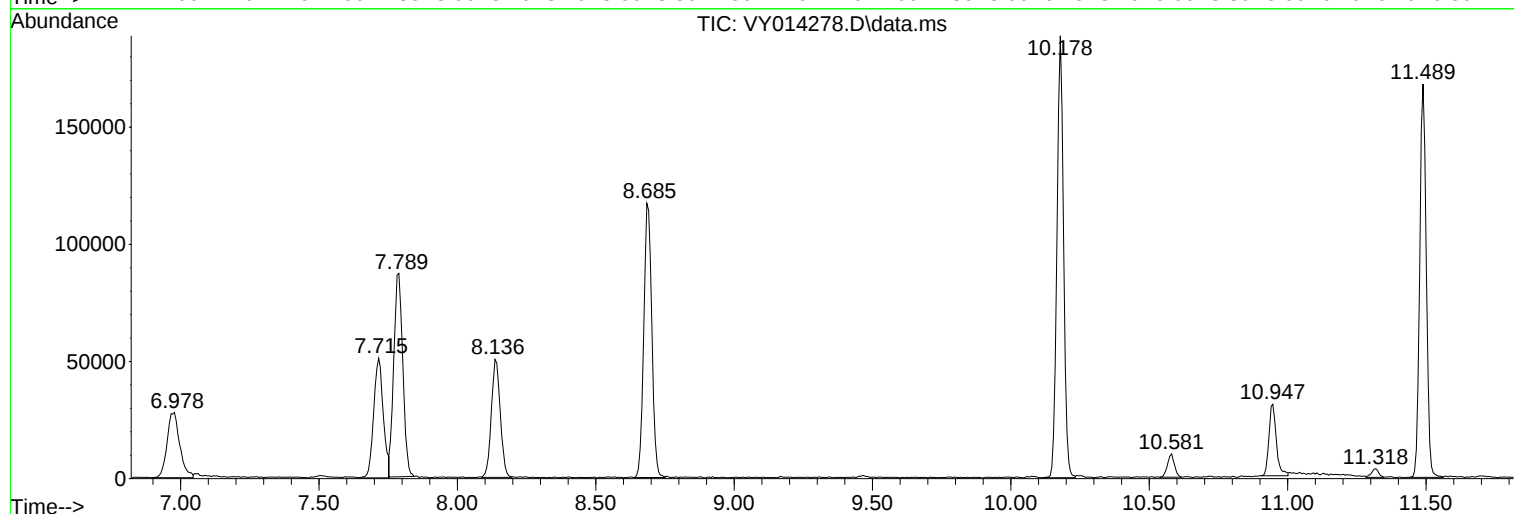
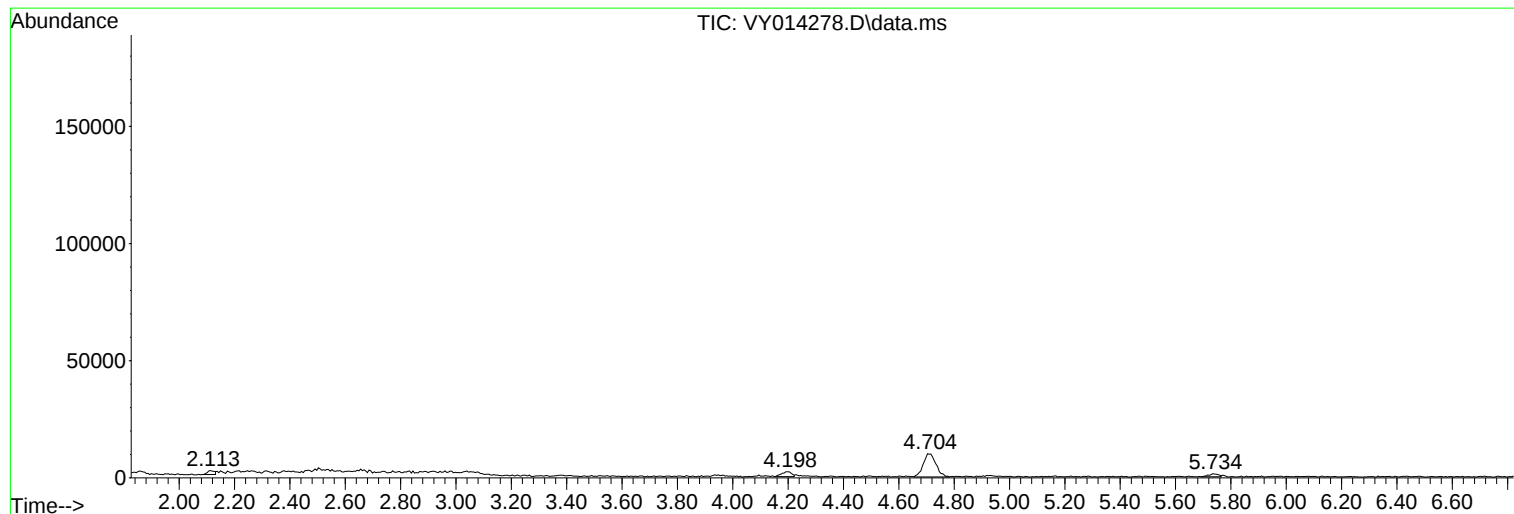
Sum of corrected areas: 1954989

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PAT-2-061523

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060923S.M  
Quant Title : SW846 8260

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



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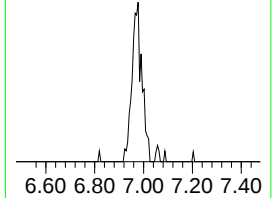
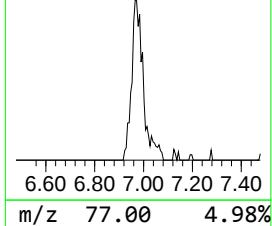
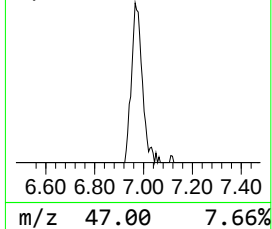
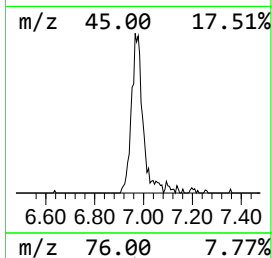
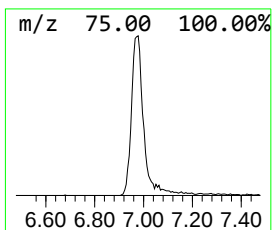
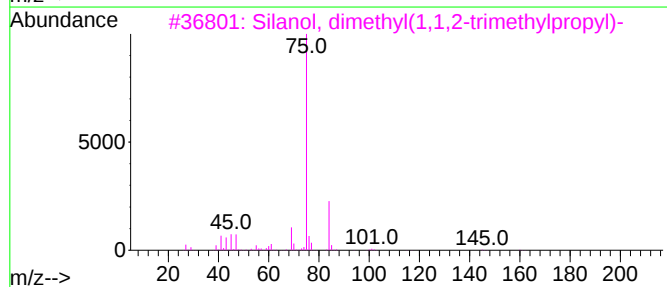
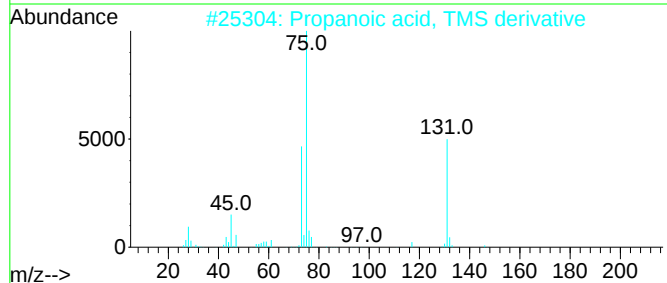
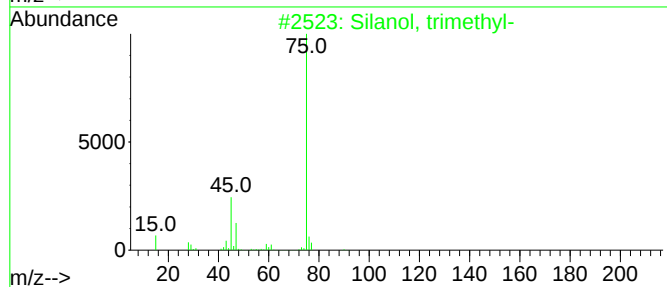
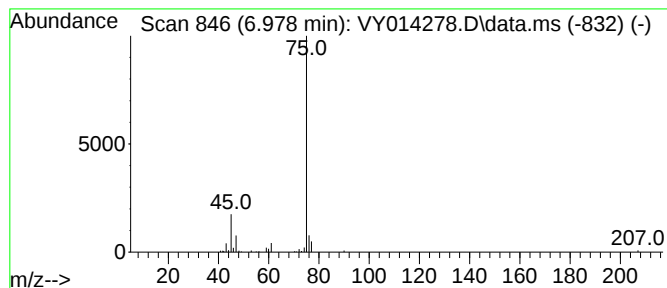
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060923S.M  
Quant Title : SW846 8260

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.  |
|-------|------------|-------|--------------------|-------|
| 6.978 | 22.59 ug/l | 88461 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm   | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Silanol, trimethyl-                  | 90  | C3H10OSi  | 001066-40-6 | 87   |
| 2    |    |   | Propanoic acid, TMS derivative       | 146 | C6H14O2Si | 016844-98-7 | 78   |
| 3    |    |   | Silanol, dimethyl(1,1,2-trimethyl... | 160 | C8H20OSi  | 055644-10-5 | 78   |
| 4    |    |   | 1-Propanol, TMS derivative           | 132 | C6H16OSi  | 001825-63-4 | 64   |
| 5    |    |   | Ethanol, 2-(trimethylsilyl)-         | 118 | C5H14OSi  | 002916-68-9 | 64   |



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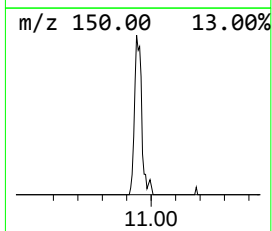
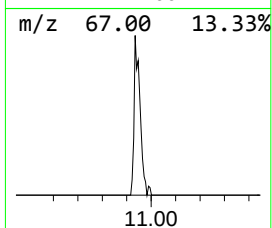
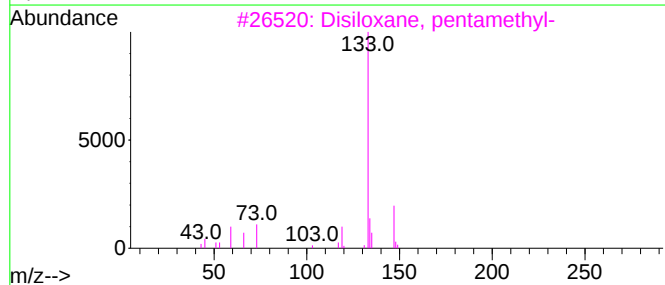
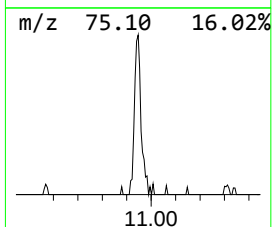
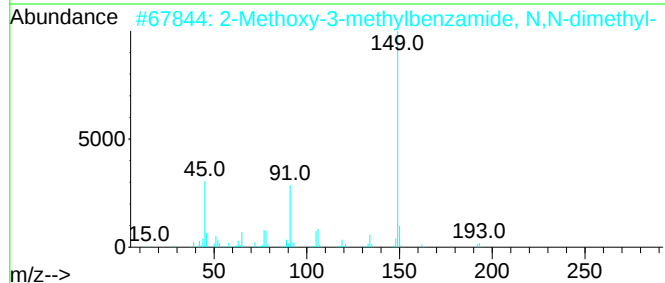
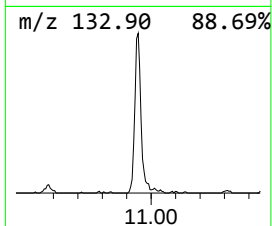
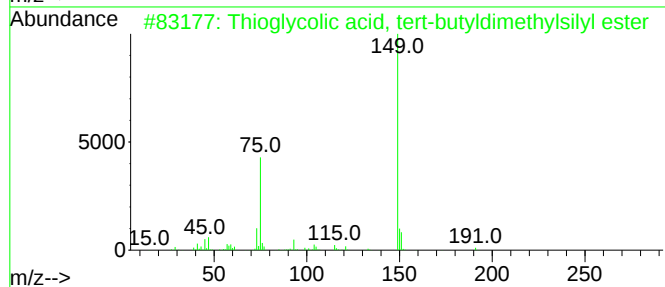
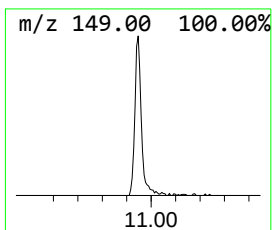
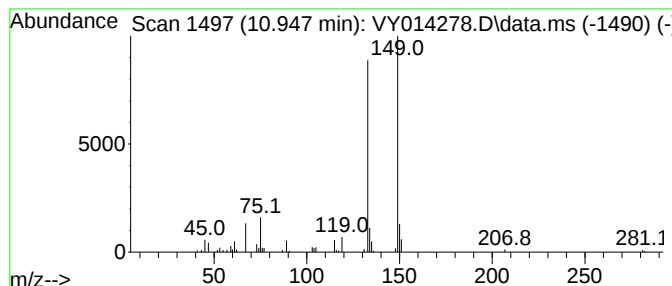
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Peak Number 3 unknown10.947 Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 10.947 | 10.36 ug/l | 56977 | Chlorobenzene-d5 | 11.489 |

| Hit# | of | 5 | Tentative ID                                      | MW  | MolForm    | CAS#         | Qual |
|------|----|---|---------------------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Thioglycolic acid, tert-butyl dimethylsilyl ester | 206 | C8H18O2SSi | 1000476-01-2 | 38   |
| 2    |    |   | 2-Methoxy-3-methylbenzamide, N,N-dimethyl-        | 193 | C11H15NO2  | 1369798-01-5 | 32   |
| 3    |    |   | Disiloxane, pentamethyl-                          | 148 | C5H16OSi2  | 001438-82-0  | 25   |
| 4    |    |   | 4-Ethylbenzoic acid, 3-methylbutyl ester          | 218 | C14H18O2   | 1000292-54-1 | 25   |
| 5    |    |   | m-Tolyl isothiocyanate                            | 149 | C8H7NS     | 000621-30-7  | 25   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Silanol, trimet... | 6.978  | 22.6    | ug/l  | 88461    | 1                     | 7.789  | 195820 | 50.0 |
| unknown10.947      | 10.947 | 10.4    | ug/l  | 56977    | 3                     | 11.489 | 274908 | 50.0 |