

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110124\  
 Data File : VY020110.D  
 Acq On : 01 Nov 2024 09:42  
 Operator : SY/MD  
 Sample : VY1101SBL01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1101SBL01

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\82Y103024S.M

Title : SW846 8260

Signal : TIC: VY020110.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         | 4.616       | 464           | 475         | 490          | rBV4     | 9861           | 34168         | 2.45%           | 0.475%        |
| 2         | 5.641       | 636           | 643         | 652          | rVB5     | 5641           | 18665         | 1.34%           | 0.259%        |
| 3         | 6.890       | 836           | 848         | 861          | rBV      | 26949          | 92622         | 6.63%           | 1.286%        |
| 4         | 7.634       | 960           | 970         | 976          | rBV      | 196300         | 459617        | 32.90%          | 6.383%        |
| 5         | 7.707       | 976           | 982         | 994          | rVB      | 275254         | 635842        | 45.51%          | 8.831%        |
| 6         | 8.061       | 1029          | 1040        | 1051         | rBV      | 191370         | 426247        | 30.51%          | 5.920%        |
| 7         | 8.616       | 1120          | 1131        | 1144         | rBV      | 516178         | 1017229       | 72.82%          | 14.128%       |
| 8         | 10.103      | 1367          | 1375        | 1385         | rBV      | 807929         | 1397002       | 100.00%         | 19.402%       |
| 9         | 10.512      | 1434          | 1442        | 1449         | rBV      | 59255          | 112420        | 8.05%           | 1.561%        |
| 10        | 10.877      | 1497          | 1502        | 1510         | rVB2     | 21074          | 36636         | 2.62%           | 0.509%        |
| 11        | 11.414      | 1582          | 1590        | 1602         | rBV      | 755277         | 1231913       | 88.18%          | 17.110%       |
| 12        | 12.402      | 1744          | 1752        | 1766         | rBV2     | 507311         | 858403        | 61.45%          | 11.922%       |
| 13        | 13.347      | 1900          | 1907        | 1915         | rVB      | 568816         | 859853        | 61.55%          | 11.942%       |
| 14        | 13.883      | 1988          | 1995        | 2002         | rVB2     | 11850          | 19502         | 1.40%           | 0.271%        |

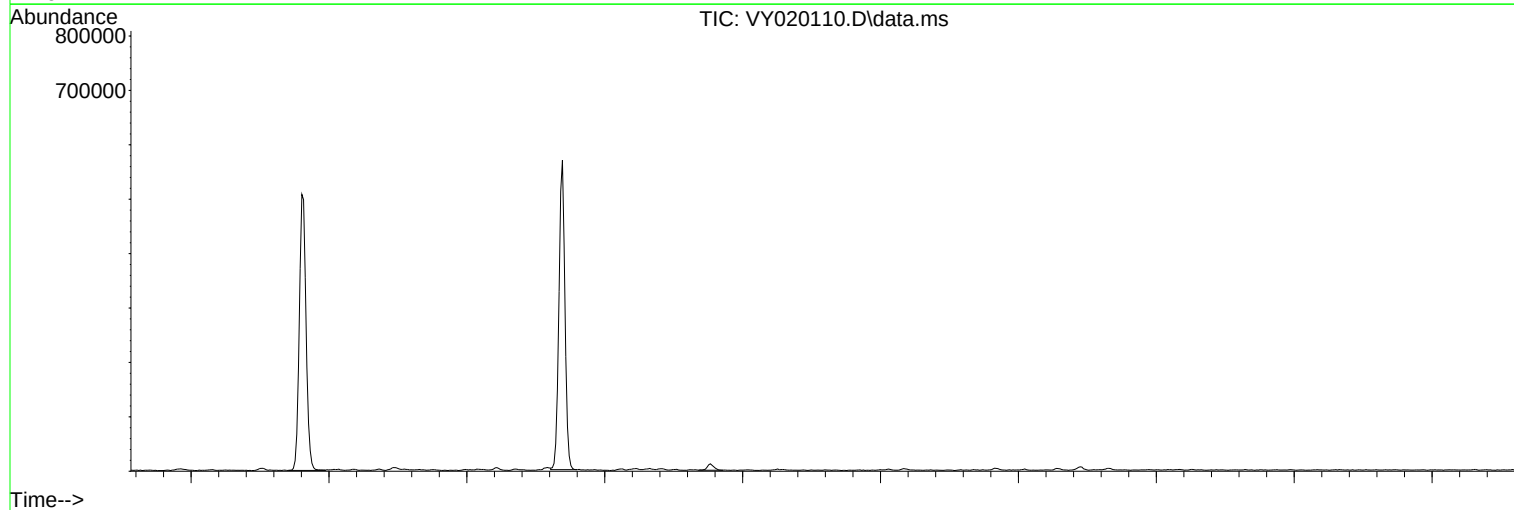
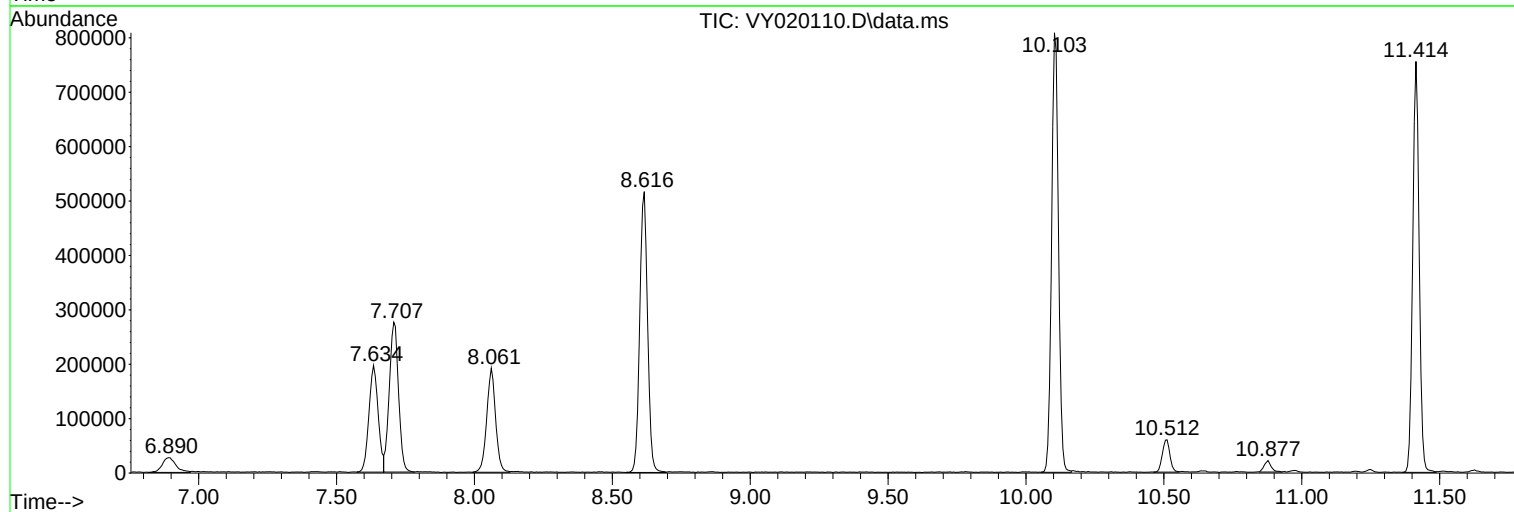
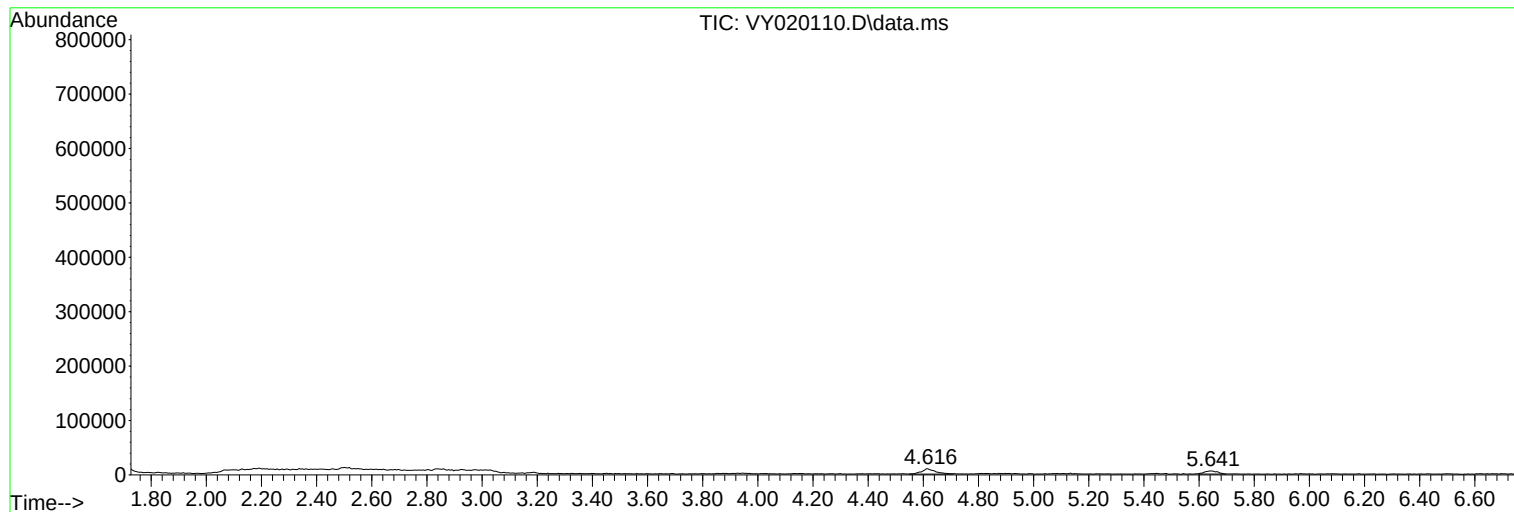
Sum of corrected areas: 7200119

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y103024S.M  
Quant Title : SW846 8260

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



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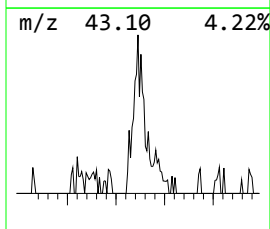
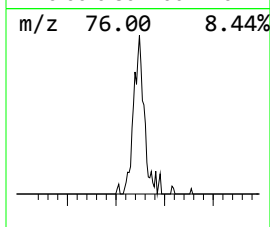
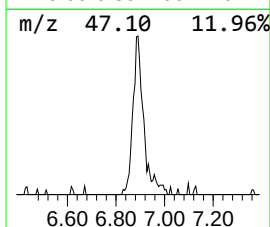
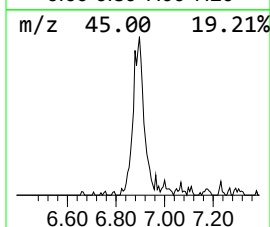
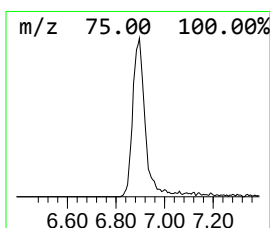
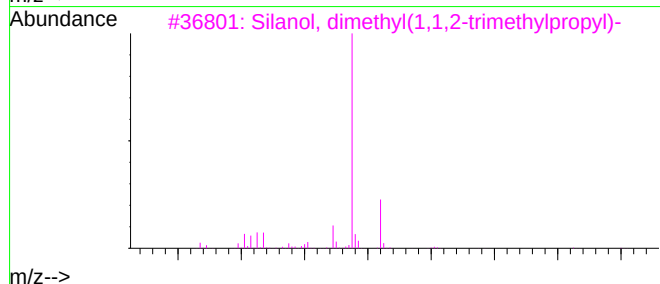
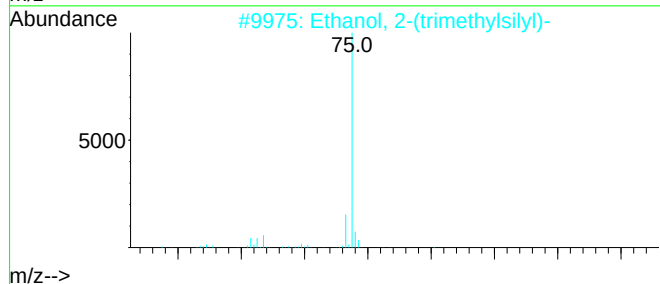
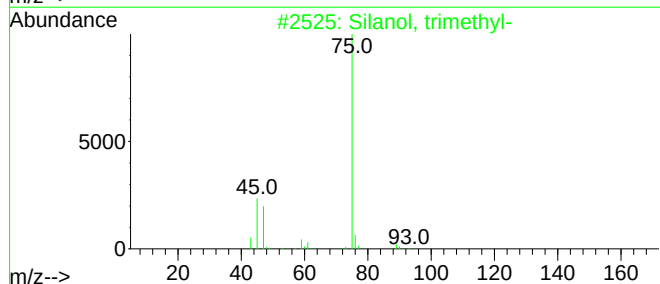
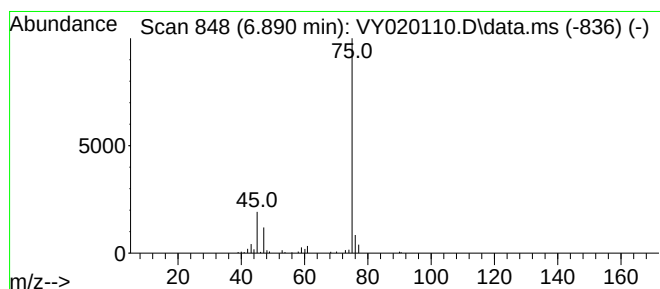
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Silanol, trimethyl- Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 6.890 | 7.28 ug/l | 92622 | Pentafluorobenzene | 7.707 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|-----------|-------------------------------------|-----|----------|-------------|------|
| 1         | Silanol, trimethyl-                 | 90  | C3H10OSi | 001066-40-6 | 86   |
| 2         | Ethanol, 2-(trimethylsilyl)-        | 118 | C5H14OSi | 002916-68-9 | 78   |
| 3         | Silanol, dimethyl(1,1,2-trimethy... | 160 | C8H20OSi | 055644-10-5 | 64   |
| 4         | Formamide, N-methylthio             | 75  | C2H5NS   | 018952-41-5 | 50   |
| 5         | Propanoic acid, 2,3-dihydroxy-      | 106 | C3H6O4   | 000473-81-4 | 9    |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | # | RT    | Resp   | Conc |
|--------------------|-------|---------|-------|----------|---|-------|--------|------|
| Silanol, trimet... | 6.890 | 7.3     | ug/l  | 92622    | 1 | 7.707 | 635842 | 50.0 |