

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY010523\  
 Data File : VY012075.D  
 Acq On : 05 Jan 2023 15:17  
 Operator : KP/MD  
 Sample : VY0105SBL01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0105SBL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 1 % 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\82Y122022S.M

Title : SW846 8260

Signal : TIC: VY012075.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         | 2.077       | 36            | 42          | 52           | rVB      | 40830          | 54629         | 6.76%           | 0.998%        |
| 2         | 2.223       | 58            | 66          | 68           | rBV      | 4971           | 8191          | 1.01%           | 0.150%        |
| 3         | 4.204       | 381           | 391         | 399          | rBV2     | 4388           | 12818         | 1.59%           | 0.234%        |
| 4         | 4.716       | 465           | 475         | 486          | rVB2     | 9048           | 26015         | 3.22%           | 0.475%        |
| 5         | 4.924       | 493           | 509         | 524          | rBV2     | 6684           | 24761         | 3.06%           | 0.452%        |
| 6         | 6.972       | 833           | 845         | 858          | rBV      | 39291          | 129068        | 15.98%          | 2.358%        |
| 7         | 7.716       | 957           | 967         | 972          | rBV      | 119899         | 282528        | 34.97%          | 5.162%        |
| 8         | 7.789       | 972           | 979         | 994          | rVB      | 232784         | 540322        | 66.88%          | 9.871%        |
| 9         | 8.130       | 1019          | 1035        | 1048         | rBV2     | 161638         | 537056        | 66.47%          | 9.812%        |
| 10        | 8.685       | 1118          | 1126        | 1140         | rBV      | 328407         | 649360        | 80.37%          | 11.864%       |
| 11        | 10.179      | 1363          | 1371        | 1378         | rBV      | 479825         | 807928        | 100.00%         | 14.761%       |
| 12        | 10.575      | 1429          | 1436        | 1444         | rBV      | 56528          | 103144        | 12.77%          | 1.884%        |
| 13        | 10.947      | 1490          | 1497        | 1504         | rBV      | 27153          | 52846         | 6.54%           | 0.965%        |
| 14        | 11.319      | 1552          | 1558        | 1565         | rVB2     | 31801          | 52220         | 6.46%           | 0.954%        |
| 15        | 11.490      | 1579          | 1586        | 1599         | rBV      | 461647         | 734505        | 90.91%          | 13.419%       |
| 16        | 12.483      | 1742          | 1749        | 1758         | rBV2     | 404438         | 679764        | 84.14%          | 12.419%       |
| 17        | 12.819      | 1798          | 1804        | 1809         | rBV4     | 6466           | 12876         | 1.59%           | 0.235%        |
| 18        | 13.428      | 1897          | 1904        | 1916         | rVB      | 440447         | 706129        | 87.40%          | 12.901%       |
| 19        | 13.965      | 1985          | 1992        | 1999         | rBV      | 19364          | 31068         | 3.85%           | 0.568%        |
| 20        | 15.318      | 2206          | 2214        | 2219         | rBV      | 18092          | 28341         | 3.51%           | 0.518%        |

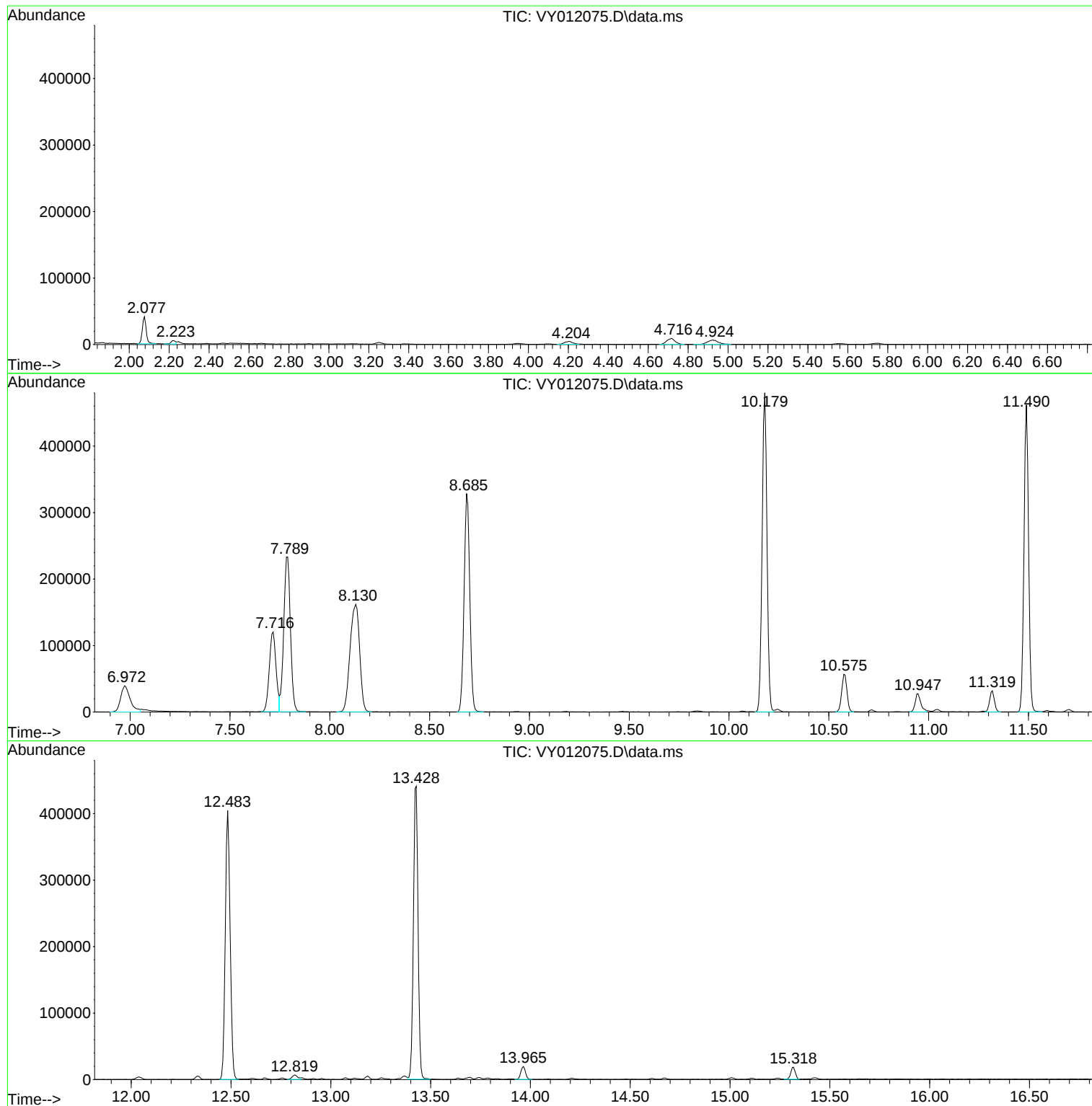
Sum of corrected areas: 5473569

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Instrument :  
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ClientSampleId :  
VY0105SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y122022S.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\82Y122022S.M  
 Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L  
 TIC Integration Parameters: LSCINT.P

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Peak Number 1 Isobutane Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.077 | 5.06 ug/l | 54629 | Pentafluorobenzene | 7.789 |

| Hit# of | 5 | Tentative ID               | MW  | MolForm   | CAS#        | Qual |
|---------|---|----------------------------|-----|-----------|-------------|------|
| 1       |   | Isobutane                  | 58  | C4H10     | 000075-28-5 | 86   |
| 2       |   | Hydrogen isocyanate        | 43  | CHNO      | 000075-13-8 | 4    |
| 3       |   | Isopropylsulfonyl chloride | 142 | C3H7ClO2S | 010147-37-2 | 4    |
| 4       |   | Cyclobutylamine            | 71  | C4H9N     | 002516-34-9 | 4    |
| 5       |   | 5-Methyloxazolidine        | 87  | C4H9NO    | 058328-22-6 | 4    |

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Peak Number 2 Silanol, trimethyl- Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 6.972 | 11.94 ug/l | 129068 | 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       |   | 2-Propanol, 1,1-dimethoxy-          | 120 | C5H12O3  | 042919-42-6 | 39   |
| 4       |   | Silanol, dimethyl(1,1,2-trimethy... | 160 | C8H20OSi | 055644-10-5 | 37   |
| 5       |   | Ethanethioamide                     | 75  | C2H5NS   | 000062-55-5 | 9    |

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Peak Number 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

| R.T.   | EstConc   | Area   | Relative to ISTD | R.T.   |
|--------|-----------|--------|------------------|--------|
| 10.575 | 7.02 ug/l | 103144 | Chlorobenzene-d5 | 11.490 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm      | CAS#        | Qual |
|---------|---|-------------------------------------|-----|--------------|-------------|------|
| 1       |   | Cyclotrisiloxane, hexamethyl-       | 222 | C6H18O3Si3   | 000541-05-9 | 91   |
| 2       |   | Arsenous acid, tris(trimethylsil... | 342 | C9H27AsO3Si3 | 055429-29-3 | 78   |
| 3       |   | Benzo[h]quinoline, 2,4-dimethyl-    | 207 | C15H13N      | 000605-67-4 | 39   |
| 4       |   | 1H-Indole, 1-methyl-2-phenyl-       | 207 | C15H13N      | 003558-24-5 | 38   |
| 5       |   | 2-(4-Methylphenyl)-1H-indole        | 207 | C15H13N      | 055577-25-8 | 38   |

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Isobutane          | 2.077  | 5.1     | ug/l  | 54629    | 1                     | 7.789  | 540322 | 50.0 |
| Silanol, trimet... | 6.972  | 11.9    | ug/l  | 129068   | 1                     | 7.789  | 540322 | 50.0 |
| Cyclotrisiloxan... | 10.575 | 7.0     | ug/l  | 103144   | 3                     | 11.490 | 734505 | 50.0 |