

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052422\  
 Data File : VD073323.D  
 Acq On : 24 May 2022 14:25  
 Operator : VA/SY  
 Sample : N2979-01  
 Misc : 4.61G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 NB-7-052022

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\_D\Method\82D051922S.M  
 Title : SW846 8260

Signal : TIC: VD073323.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         | 4.961       | 509           | 517         | 520          | rBV4     | 4939           | 11170         | 1.83%           | 0.302%        |
| 2         | 5.185       | 547           | 555         | 566          | rVB4     | 12978          | 47225         | 7.72%           | 1.278%        |
| 3         | 7.185       | 887           | 895         | 907          | rVB2     | 23943          | 65132         | 10.65%          | 1.763%        |
| 4         | 7.908       | 1009          | 1018        | 1024         | rBV      | 102016         | 247434        | 40.47%          | 6.698%        |
| 5         | 7.979       | 1024          | 1030        | 1040         | rVB      | 142119         | 319595        | 52.27%          | 8.651%        |
| 6         | 8.326       | 1077          | 1089        | 1099         | rVB3     | 105350         | 248901        | 40.71%          | 6.737%        |
| 7         | 8.855       | 1171          | 1179        | 1189         | rBV      | 203953         | 422036        | 69.02%          | 11.424%       |
| 8         | 10.332      | 1423          | 1430        | 1445         | rVB      | 337562         | 594385        | 97.21%          | 16.089%       |
| 9         | 11.073      | 1550          | 1556        | 1564         | rBV2     | 38809          | 66559         | 10.89%          | 1.802%        |
| 10        | 11.638      | 1644          | 1652        | 1661         | rBV      | 352027         | 611444        | 100.00%         | 16.551%       |
| 11        | 12.620      | 1812          | 1819        | 1827         | rBV      | 259309         | 434826        | 71.11%          | 11.770%       |
| 12        | 12.943      | 1868          | 1874        | 1879         | rVB3     | 16415          | 26508         | 4.34%           | 0.718%        |
| 13        | 13.561      | 1972          | 1979        | 1987         | rVV      | 358128         | 590839        | 96.63%          | 15.993%       |
| 14        | 14.343      | 2108          | 2112        | 2116         | rBV4     | 5067           | 8301          | 1.36%           | 0.225%        |

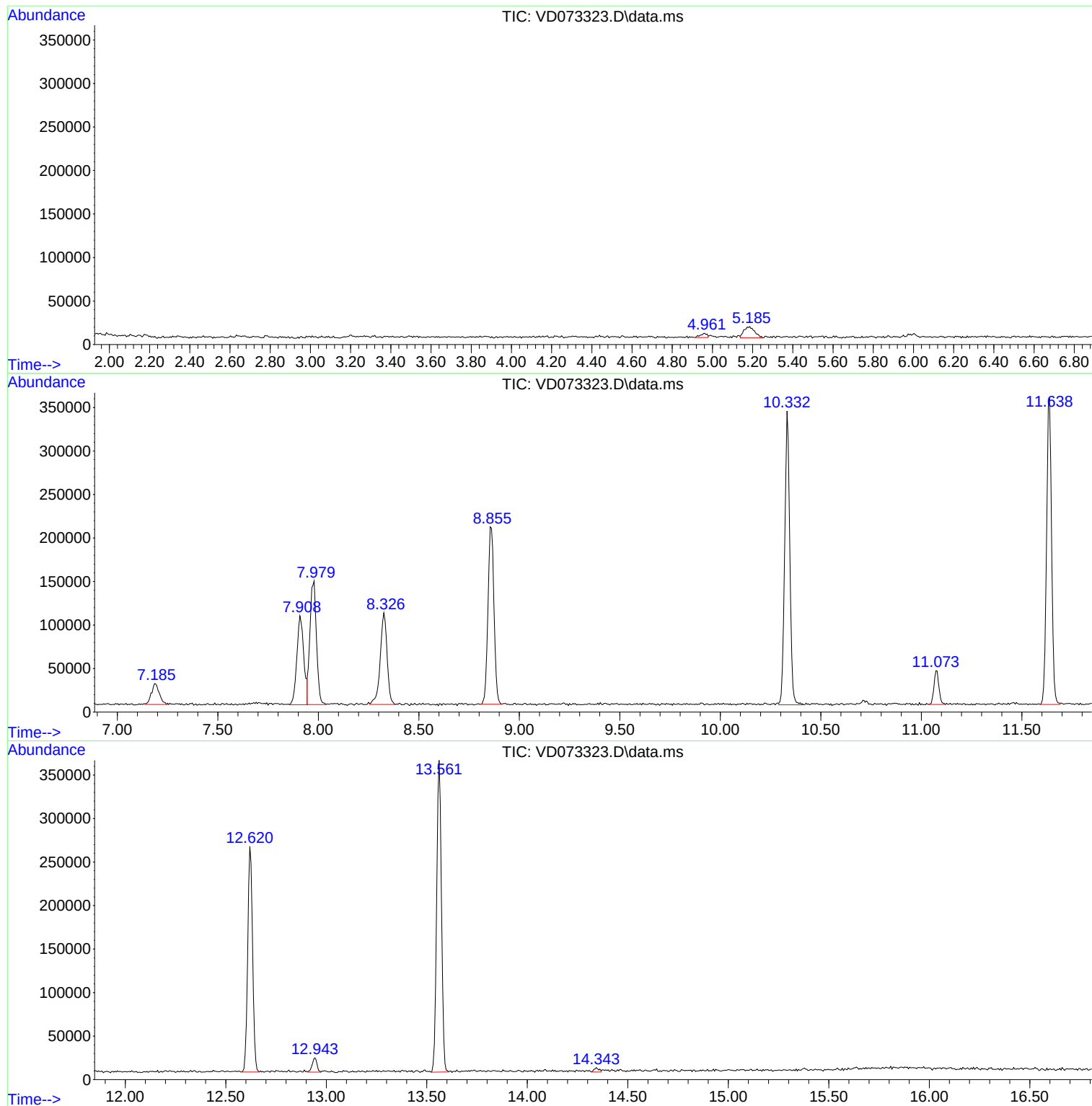
Sum of corrected areas: 3694355

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

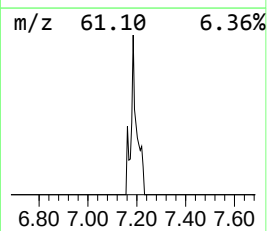
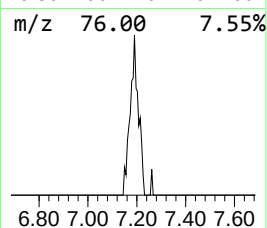
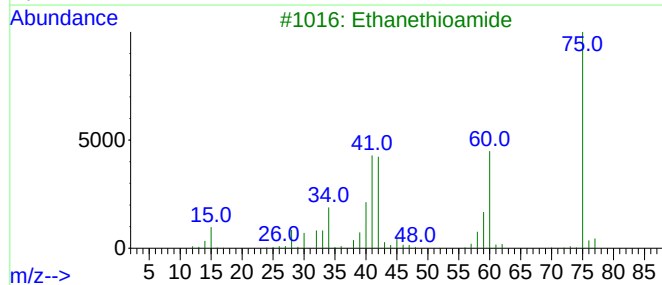
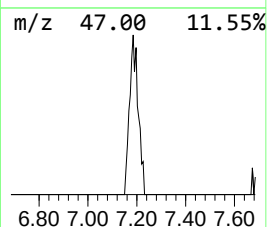
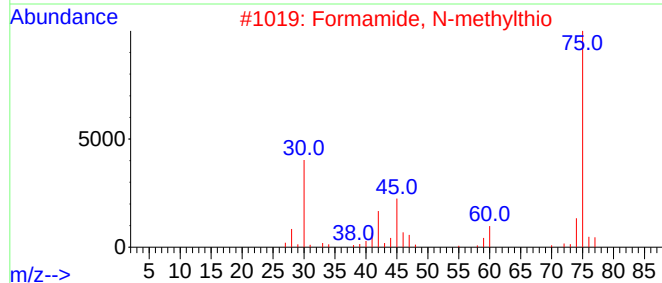
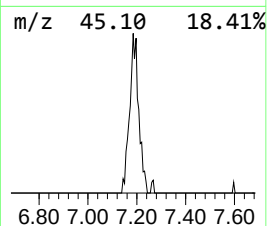
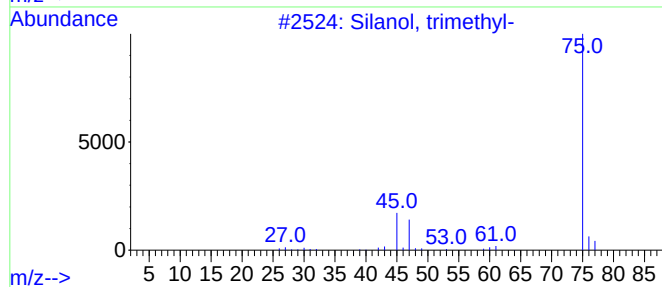
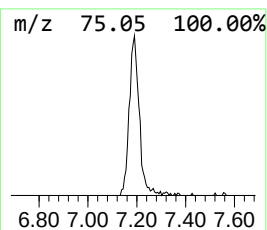
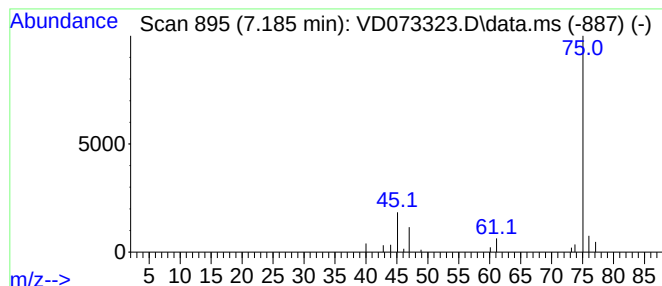
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Silanol, trimethyl- Concentration Rank 1

| R.T.  | EstConc    | Area  | Relative to ISTD   | R.T.  |
|-------|------------|-------|--------------------|-------|
| 7.185 | 10.19 ug/l | 65132 | Pentafluorobenzene | 7.979 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Silanol, trimethyl-                 | 90  | C3H10OSi | 001066-40-6 | 78   |
| 2    |    |   | Formamide, N-methylthio             | 75  | C2H5NS   | 018952-41-5 | 39   |
| 3    |    |   | Ethanethioamide                     | 75  | C2H5NS   | 000062-55-5 | 9    |
| 4    |    |   | Methanamine, N,N-dimethyl-, N-oxide | 75  | C3H9NO   | 001184-78-7 | 9    |
| 5    |    |   | Ethanol, 2-(trimethylsilyl)-        | 118 | C5H14OSi | 002916-68-9 | 4    |



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Quant Title : SW846 8260

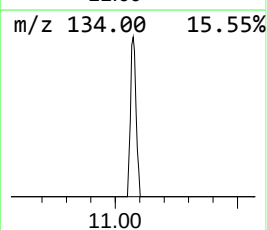
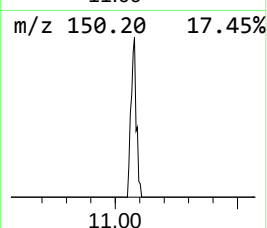
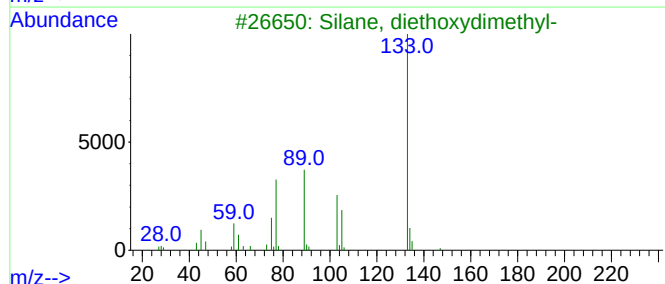
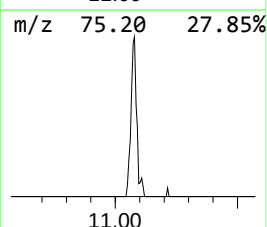
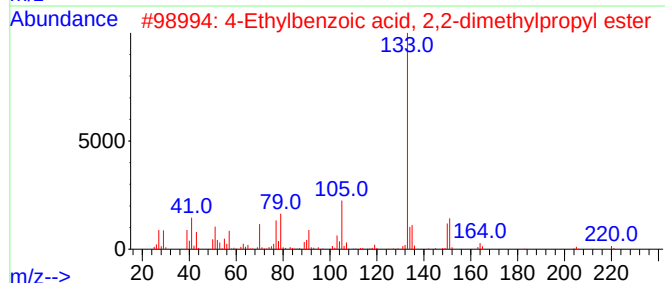
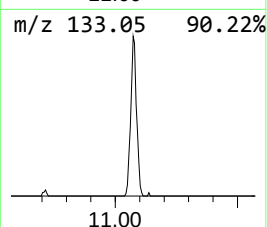
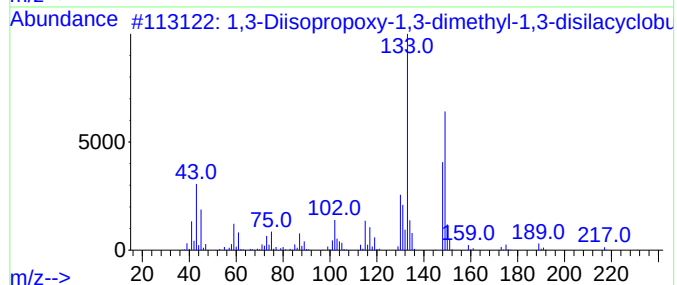
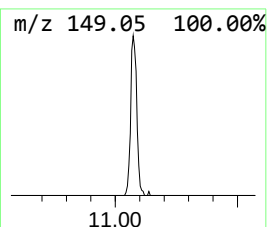
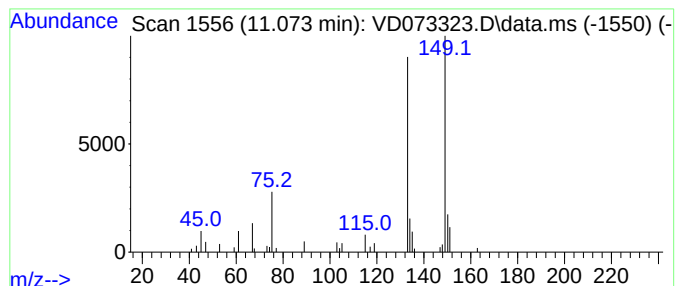
TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 1,3-Diisopropoxy-1,3-dimeth... Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 11.073 | 5.44 ug/l | 66559 | Chlorobenzene-d5 | 11.638 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 1,3-Diisopropoxy-1,3-dimethyl-1,... | 232 | C10H24O2Si2 | 198066-66-9  | 50   |
| 2    |    |   | 4-Ethylbenzoic acid, 2,2-dimethy... | 220 | C14H20O2    | 1000293-49-5 | 23   |
| 3    |    |   | Silane, diethoxydimethyl-           | 148 | C6H16O2Si   | 000078-62-6  | 17   |
| 4    |    |   | 4-Ethylbenzoic acid, 4-methylpen... | 234 | C15H22O2    | 1000293-49-7 | 17   |
| 5    |    |   | 4-Ethylbenzoic acid, 2-methylbut... | 220 | C14H20O2    | 1000331-30-8 | 17   |



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Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Silanol, trimet... | 7.185  | 10.2    | ug/l  | 65132    | 1                     | 7.979  | 319595 | 50.0 |
| 1,3-Diisopropox... | 11.073 | 5.4     | ug/l  | 66559    | 3                     | 11.638 | 611444 | 50.0 |