

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY052122\  
 Data File : VY008990.D  
 Acq On : 22 May 2022 08:32  
 Operator : KP/MD  
 Sample : N2919-05  
 Misc : 4.96g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P028-SS001-0612-01

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\82Y052022S.M

Title : SW846 8260

Signal : TIC: VY008990.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         | 2.522       | 108           | 115         | 119          | rBV3     | 7181           | 16679         | 2.39%           | 0.403%        |
| 2         | 4.021       | 354           | 361         | 373          | rVB3     | 5384           | 13746         | 1.97%           | 0.332%        |
| 3         | 4.704       | 465           | 473         | 481          | rBV3     | 2841           | 8459          | 1.21%           | 0.204%        |
| 4         | 6.978       | 837           | 846         | 856          | rBV      | 6059           | 19854         | 2.84%           | 0.480%        |
| 5         | 7.716       | 957           | 967         | 972          | rBV      | 96843          | 227191        | 32.50%          | 5.489%        |
| 6         | 7.789       | 972           | 979         | 990          | rVB      | 147515         | 338842        | 48.47%          | 8.186%        |
| 7         | 8.136       | 1024          | 1036        | 1048         | rBV      | 100441         | 235481        | 33.68%          | 5.689%        |
| 8         | 8.685       | 1118          | 1126        | 1135         | rBV      | 241966         | 472613        | 67.60%          | 11.417%       |
| 9         | 10.179      | 1363          | 1371        | 1379         | rBV      | 421462         | 699110        | 100.00%         | 16.889%       |
| 10        | 10.575      | 1430          | 1436        | 1443         | rVB2     | 8991           | 16545         | 2.37%           | 0.400%        |
| 11        | 10.947      | 1491          | 1497        | 1507         | rBV      | 34782          | 62345         | 8.92%           | 1.506%        |
| 12        | 11.319      | 1549          | 1558        | 1563         | rBV3     | 4565           | 7776          | 1.11%           | 0.188%        |
| 13        | 11.489      | 1575          | 1586        | 1596         | rBV      | 391346         | 618491        | 88.47%          | 14.942%       |
| 14        | 12.111      | 1680          | 1688        | 1694         | rVB3     | 4022           | 7934          | 1.13%           | 0.192%        |
| 15        | 12.477      | 1738          | 1748        | 1756         | rBV2     | 311327         | 556026        | 79.53%          | 13.433%       |
| 16        | 12.562      | 1756          | 1762        | 1768         | rVV4     | 5793           | 15584         | 2.23%           | 0.376%        |
| 17        | 12.623      | 1768          | 1772        | 1782         | rVB2     | 15214          | 34353         | 4.91%           | 0.830%        |
| 18        | 12.831      | 1797          | 1806        | 1813         | rBV4     | 14175          | 34178         | 4.89%           | 0.826%        |
| 19        | 13.068      | 1836          | 1845        | 1856         | rVB      | 25009          | 48102         | 6.88%           | 1.162%        |
| 20        | 13.178      | 1856          | 1863        | 1869         | rBV      | 8819           | 14165         | 2.03%           | 0.342%        |
| 21        | 13.282      | 1871          | 1880        | 1889         | rBV2     | 30679          | 55132         | 7.89%           | 1.332%        |
| 22        | 13.422      | 1894          | 1903        | 1909         | rVV      | 376492         | 577322        | 82.58%          | 13.947%       |
| 23        | 13.477      | 1909          | 1912        | 1922         | rVB3     | 22651          | 46835         | 6.70%           | 1.131%        |
| 24        | 13.642      | 1930          | 1939        | 1945         | rBV3     | 7168           | 12631         | 1.81%           | 0.305%        |

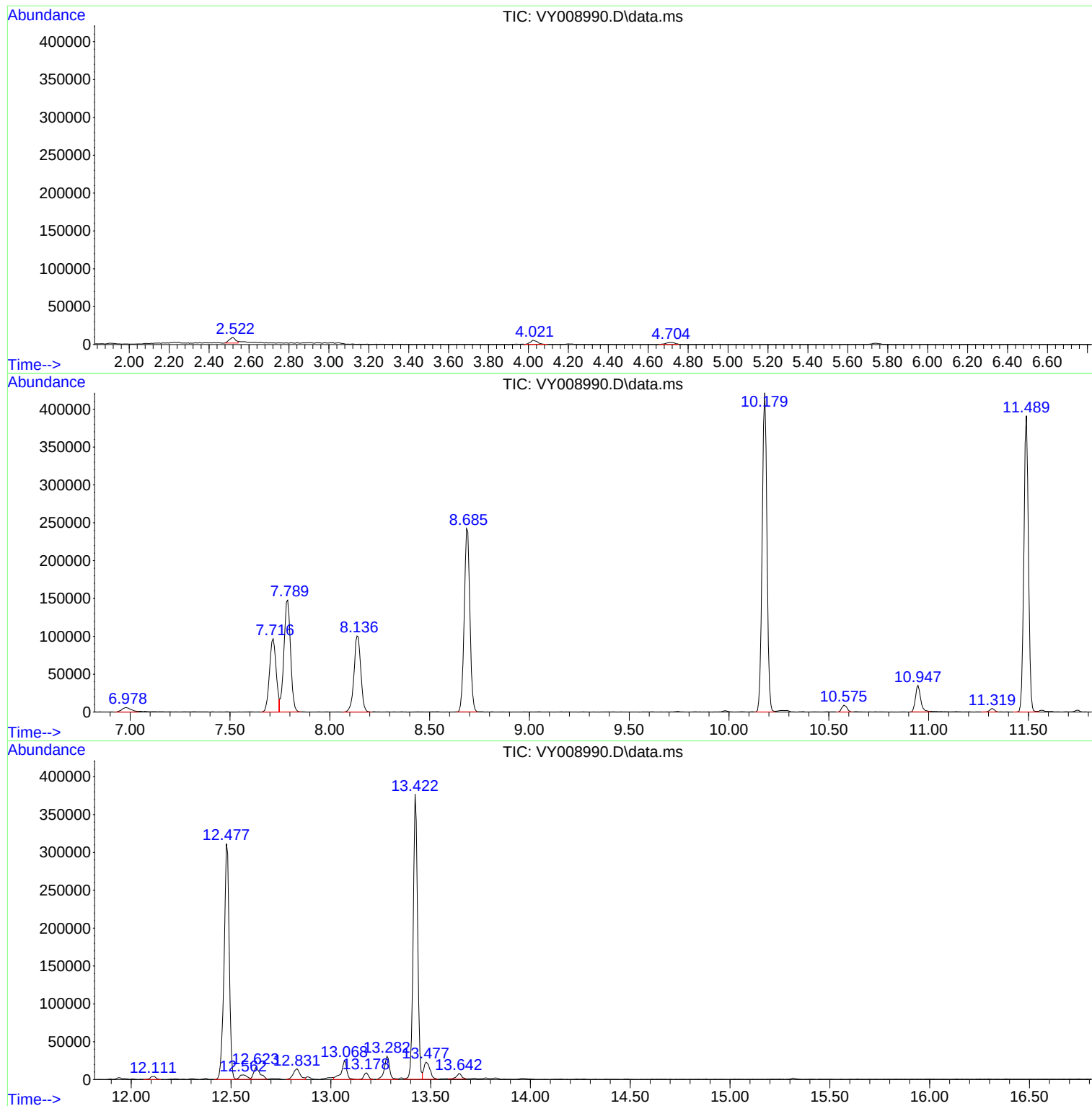
Sum of corrected areas: 4139394

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ClientSampleId :  
P028-SS001-0612-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y052022S.M  
Quant Title : SW846 8260

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



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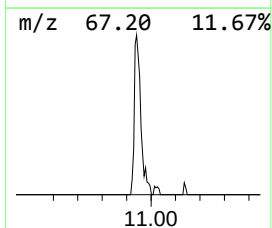
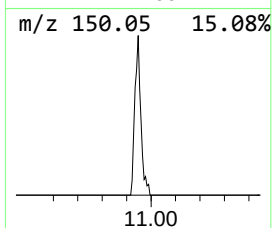
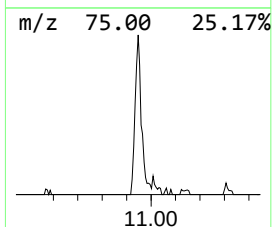
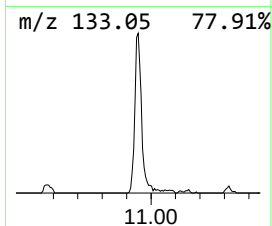
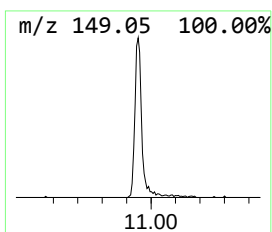
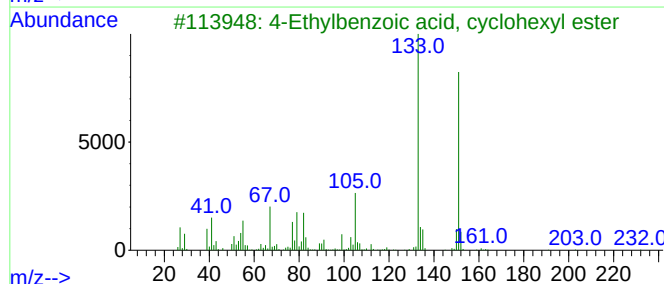
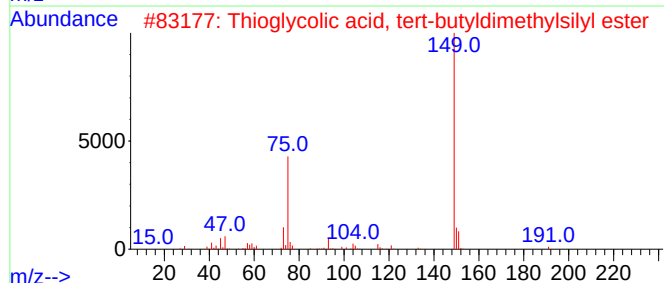
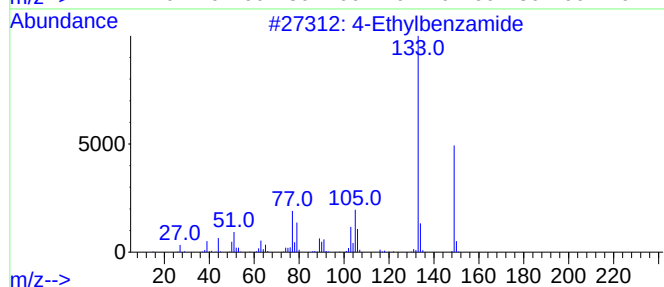
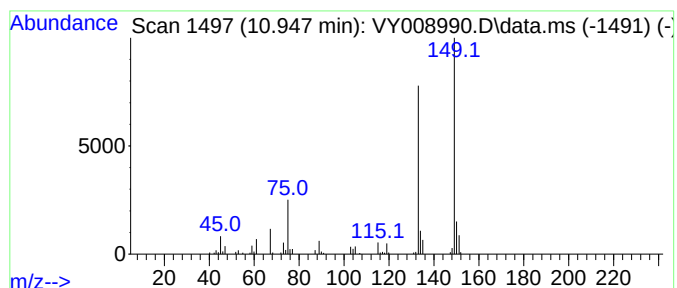
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 4-Ethylbenzamide Concentration Rank 1

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 10.947 | 5.04 ug/l | 62345 | Chlorobenzene-d5 | 11.490 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 4-Ethylbenzamide                    | 149 | C9H11NO    | 033695-58-8  | 64   |
| 2    |    |   | Thioglycolic acid, tert-butyldim... | 206 | C8H18O2SSi | 1000476-01-2 | 32   |
| 3    |    |   | 4-Ethylbenzoic acid, cyclohexyl ... | 232 | C15H20O2   | 1000293-32-1 | 25   |
| 4    |    |   | Silane, diethoxydimethyl-           | 148 | C6H16O2Si  | 000078-62-6  | 25   |
| 5    |    |   | 4-Ethylbenzoic acid, 1-(cyclopen... | 246 | C16H22O2   | 1010293-32-2 | 25   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| 4-Ethylbenzamide | 10.947 | 5.0     | ug/l  | 62345    | 3                     | 11.490 | 618491 | 50.0 |