

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY061923\  
 Data File : VY014231.D  
 Acq On : 19 Jun 2023 16:32  
 Operator : KP/MD  
 Sample : 03229-03RE  
 Misc : 5.47g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 OR-402-VOC-09

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: VY014231.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       | 107           | 115         | 126          | rBV4     | 8683           | 25933         | 2.77%           | 0.420%        |
| 2         | 3.942       | 339           | 348         | 360          | rVB      | 8789           | 23529         | 2.51%           | 0.381%        |
| 3         | 4.198       | 379           | 390         | 402          | rBV2     | 8555           | 28225         | 3.01%           | 0.457%        |
| 4         | 4.710       | 463           | 474         | 489          | rBV3     | 25118          | 75416         | 8.04%           | 1.220%        |
| 5         | 5.740       | 635           | 643         | 652          | rBV6     | 3663           | 11688         | 1.25%           | 0.189%        |
| 6         | 6.978       | 832           | 846         | 863          | rBV      | 68756          | 217421        | 23.18%          | 3.517%        |
| 7         | 7.716       | 955           | 967         | 972          | rBV      | 156469         | 373257        | 39.80%          | 6.039%        |
| 8         | 7.783       | 972           | 978         | 990          | rVB      | 252690         | 592618        | 63.19%          | 9.588%        |
| 9         | 8.136       | 1026          | 1036        | 1047         | rBV      | 155558         | 347241        | 37.03%          | 5.618%        |
| 10        | 8.685       | 1112          | 1126        | 1141         | rBV      | 370756         | 734779        | 78.35%          | 11.887%       |
| 11        | 10.179      | 1363          | 1371        | 1378         | rBV      | 523969         | 899147        | 95.87%          | 14.547%       |
| 12        | 10.575      | 1429          | 1436        | 1443         | rBV      | 25746          | 45694         | 4.87%           | 0.739%        |
| 13        | 10.941      | 1488          | 1496        | 1509         | rBV      | 51174          | 95615         | 10.20%          | 1.547%        |
| 14        | 11.319      | 1552          | 1558        | 1563         | rBV2     | 7084           | 12263         | 1.31%           | 0.198%        |
| 15        | 11.489      | 1577          | 1586        | 1598         | rBV      | 535626         | 897075        | 95.65%          | 14.513%       |
| 16        | 12.477      | 1741          | 1748        | 1758         | rBV2     | 472125         | 789801        | 84.21%          | 12.778%       |
| 17        | 12.818      | 1798          | 1804        | 1812         | rVB5     | 6162           | 11921         | 1.27%           | 0.193%        |
| 18        | 13.422      | 1896          | 1903        | 1911         | rVV      | 605129         | 937854        | 100.00%         | 15.173%       |
| 19        | 13.959      | 1984          | 1991        | 1999         | rVB2     | 14076          | 24539         | 2.62%           | 0.397%        |
| 20        | 14.227      | 2026          | 2035        | 2042         | rBV6     | 6011           | 14654         | 1.56%           | 0.237%        |
| 21        | 15.312      | 2207          | 2213        | 2220         | rVB2     | 13772          | 22482         | 2.40%           | 0.364%        |

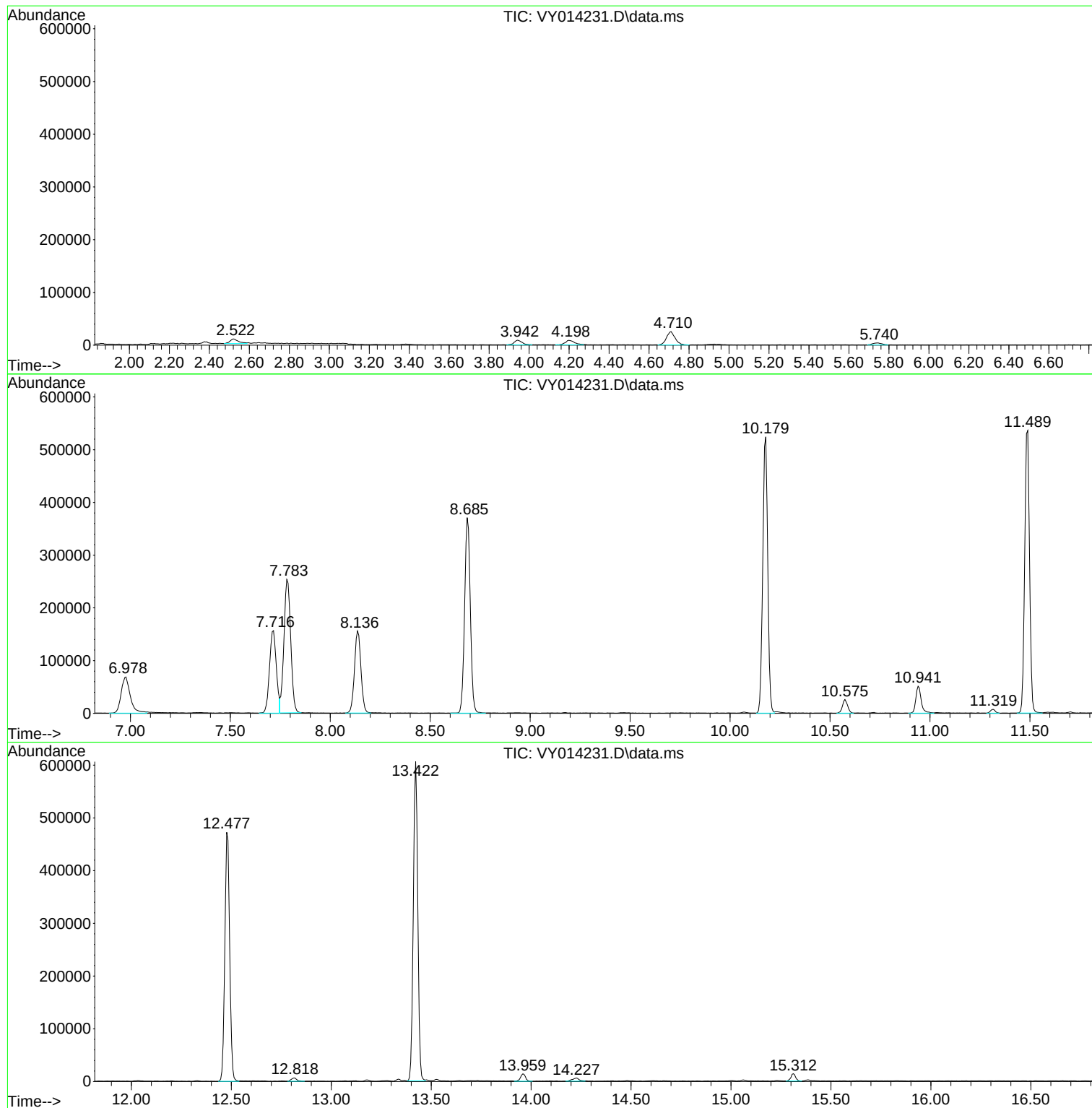
Sum of corrected areas: 6181152

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OR-402-VOC-09

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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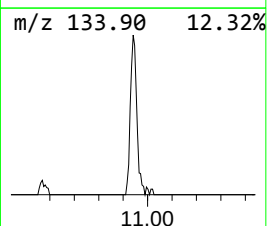
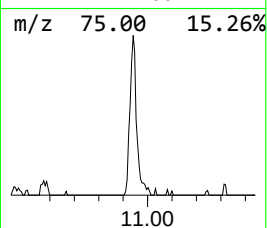
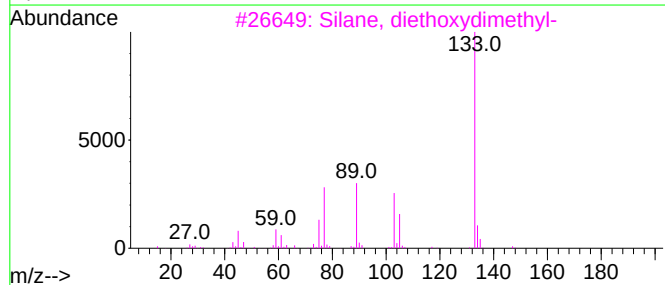
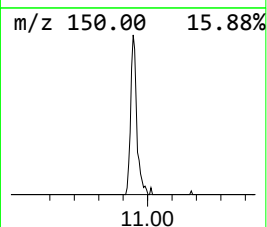
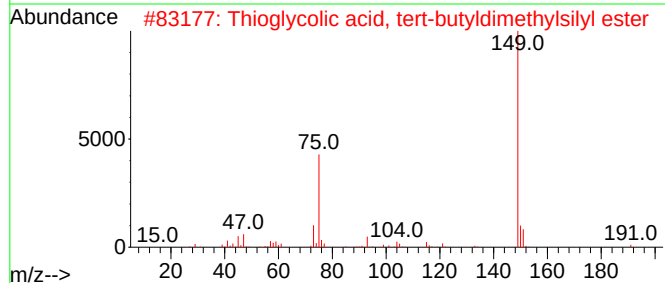
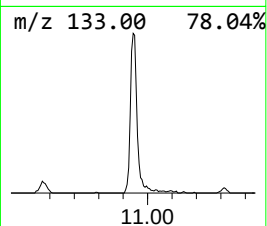
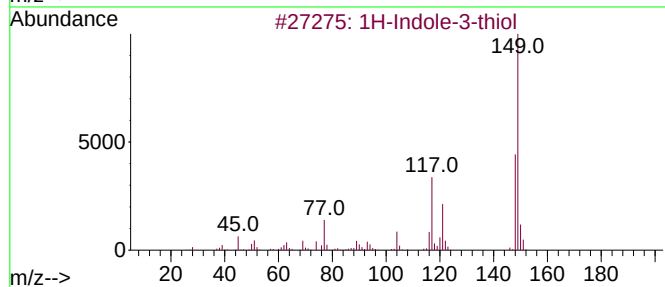
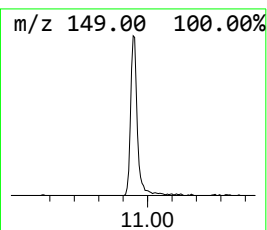
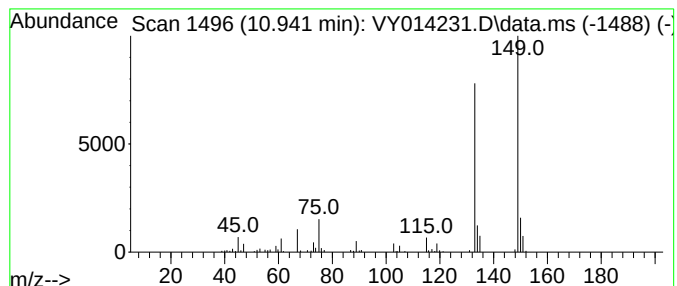
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Peak Number 2 unknown10.941 Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 10.941 | 5.33 ug/l | 95615 | Chlorobenzene-d5 | 11.490 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1H-Indole-3-thiol                   | 149 | C8H7NS     | 000480-94-4  | 38   |
| 2    |    |   | Thioglycolic acid, tert-butyldim... | 206 | C8H18O2SSi | 1000476-01-2 | 35   |
| 3    |    |   | Silane, diethoxydimethyl-           | 148 | C6H16O2Si  | 000078-62-6  | 32   |
| 4    |    |   | 4-(Methylthio)benzonitrile          | 149 | C8H7NS     | 021382-98-9  | 32   |
| 5    |    |   | Silane, diethoxymethyloctadecyl-    | 386 | C23H50O2Si | 067859-75-0  | 25   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| unknown10.941    | 10.941 | 5.3     | ug/l  | 95615    | 3                     | 11.490 | 897075 | 50.0 |