

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY061724\  
 Data File : VY018619.D  
 Acq On : 17 Jun 2024 20:10  
 Operator : SY/MD  
 Sample : P2915-01  
 Misc : 6.42g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-NORTH-1

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\82Y061324S.M  
 Title : SW846 8260

Signal : TIC: VY018619.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         | 2.113       | 43            | 48          | 49           | rBV3     | 2297           | 3729          | 6.78%           | 1.169%        |
| 2         | 2.302       | 77            | 79          | 81           | rVB2     | 1054           | 616           | 1.12%           | 0.193%        |
| 3         | 2.381       | 88            | 92          | 95           | rBV2     | 1002           | 1390          | 2.53%           | 0.436%        |
| 4         | 2.491       | 109           | 110         | 112          | rBV2     | 1242           | 1004          | 1.83%           | 0.315%        |
| 5         | 2.655       | 132           | 137         | 141          | rVB4     | 856            | 1446          | 2.63%           | 0.453%        |
| 6         | 3.923       | 339           | 345         | 348          | rBV2     | 458            | 558           | 1.01%           | 0.175%        |
| 7         | 4.692       | 463           | 471         | 480          | rBV4     | 1852           | 5566          | 10.12%          | 1.745%        |
| 8         | 7.703       | 957           | 965         | 970          | rBV5     | 8422           | 20052         | 36.46%          | 6.287%        |
| 9         | 7.776       | 970           | 977         | 987          | rVB2     | 12901          | 27889         | 50.71%          | 8.744%        |
| 10        | 8.130       | 1027          | 1035        | 1043         | rBV      | 9605           | 21367         | 38.85%          | 6.699%        |
| 11        | 8.679       | 1118          | 1125        | 1133         | rBV2     | 20045          | 40691         | 73.99%          | 12.758%       |
| 12        | 10.172      | 1364          | 1370        | 1379         | rBV      | 31349          | 54998         | 100.00%         | 17.244%       |
| 13        | 11.483      | 1579          | 1585        | 1594         | rBV      | 30157          | 51522         | 93.68%          | 16.154%       |
| 14        | 12.477      | 1742          | 1748        | 1756         | rVB2     | 21414          | 33959         | 61.75%          | 10.647%       |
| 15        | 12.641      | 1771          | 1775        | 1777         | rBV2     | 418            | 641           | 1.17%           | 0.201%        |
| 16        | 12.763      | 1792          | 1795        | 1797         | rBV2     | 528            | 607           | 1.10%           | 0.190%        |
| 17        | 13.099      | 1846          | 1850        | 1851         | rBV2     | 456            | 645           | 1.17%           | 0.202%        |
| 18        | 13.123      | 1851          | 1854        | 1857         | rBV3     | 1607           | 1818          | 3.31%           | 0.570%        |
| 19        | 13.288      | 1879          | 1881        | 1886         | rBV      | 534            | 731           | 1.33%           | 0.229%        |
| 20        | 13.422      | 1898          | 1903        | 1911         | rVB2     | 20599          | 33307         | 60.56%          | 10.443%       |
| 21        | 13.489      | 1911          | 1914        | 1918         | rBV2     | 367            | 627           | 1.14%           | 0.197%        |
| 22        | 13.763      | 1957          | 1959        | 1964         | rBV2     | 376            | 620           | 1.13%           | 0.194%        |
| 23        | 13.836      | 1966          | 1971        | 1973         | rBV2     | 1011           | 1392          | 2.53%           | 0.436%        |
| 24        | 13.867      | 1973          | 1976        | 1979         | rVB3     | 453            | 722           | 1.31%           | 0.226%        |
| 25        | 13.958      | 1988          | 1991        | 1995         | rVB3     | 660            | 716           | 1.30%           | 0.224%        |
| 26        | 14.476      | 2070          | 2076        | 2077         | rBV3     | 3537           | 5148          | 9.36%           | 1.614%        |
| 27        | 14.605      | 2095          | 2097        | 2101         | rBV2     | 400            | 696           | 1.27%           | 0.218%        |
| 28        | 15.165      | 2187          | 2189        | 2192         | rVB2     | 611            | 651           | 1.18%           | 0.204%        |
| 29        | 15.214      | 2194          | 2197        | 2201         | rVV2     | 452            | 612           | 1.11%           | 0.192%        |
| 30        | 15.525      | 2242          | 2248        | 2251         | rVB2     | 552            | 1205          | 2.19%           | 0.378%        |
| 31        | 16.098      | 2338          | 2342        | 2347         | rBV4     | 663            | 1323          | 2.41%           | 0.415%        |
| 32        | 16.494      | 2405          | 2407        | 2414         | rBV3     | 311            | 570           | 1.04%           | 0.179%        |
| 33        | 16.586      | 2418          | 2422        | 2425         | rVV4     | 424            | 555           | 1.01%           | 0.174%        |
| 34        | 16.671      | 2434          | 2436        | 2439         | rBV3     | 449            | 553           | 1.01%           | 0.173%        |
| 35        | 16.732      | 2445          | 2446        | 2452         | rVB2     | 740            | 1013          | 1.84%           | 0.318%        |

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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-NORTH-1

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\82Y061324S.M  
Title : SW846 8260

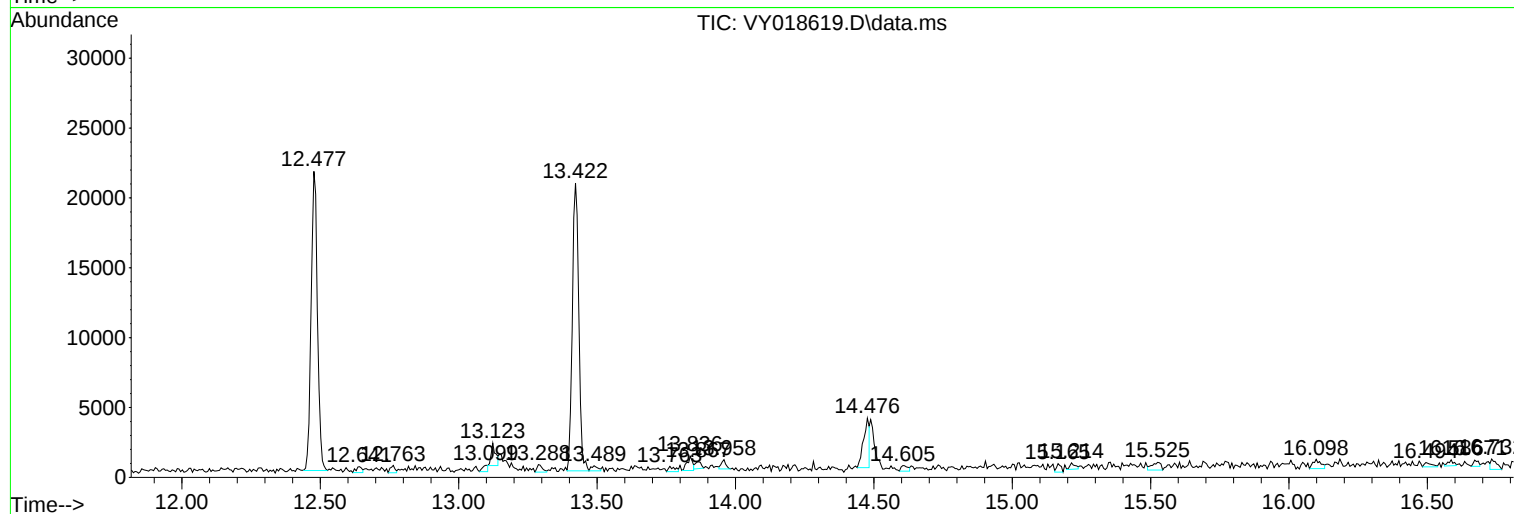
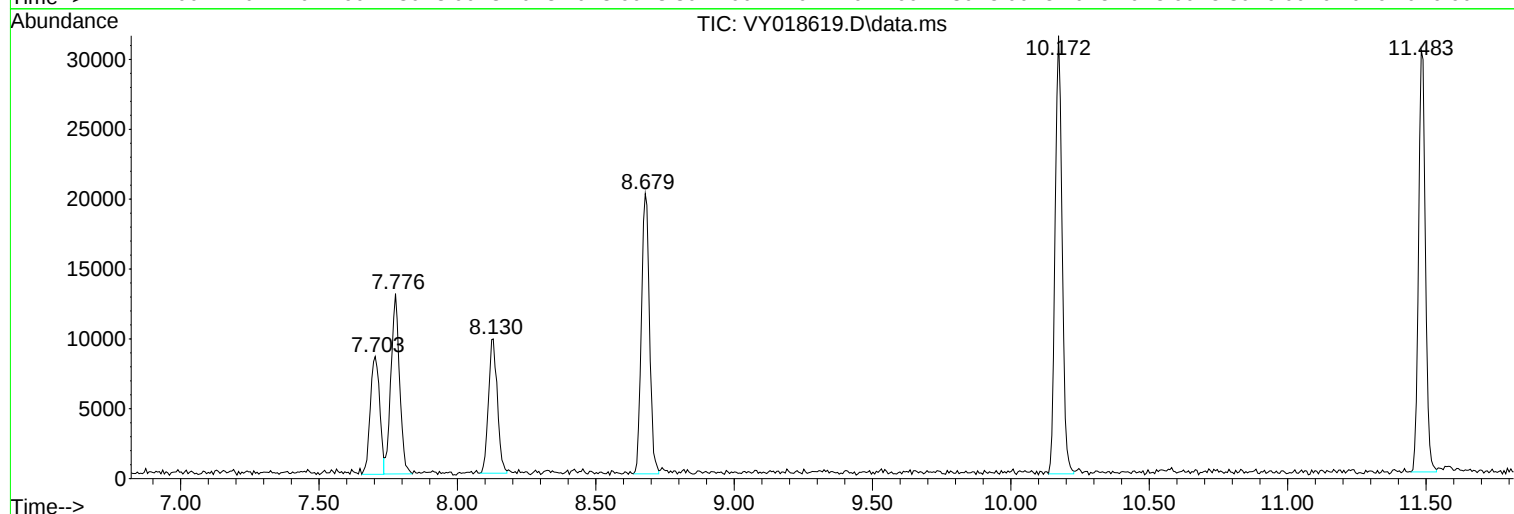
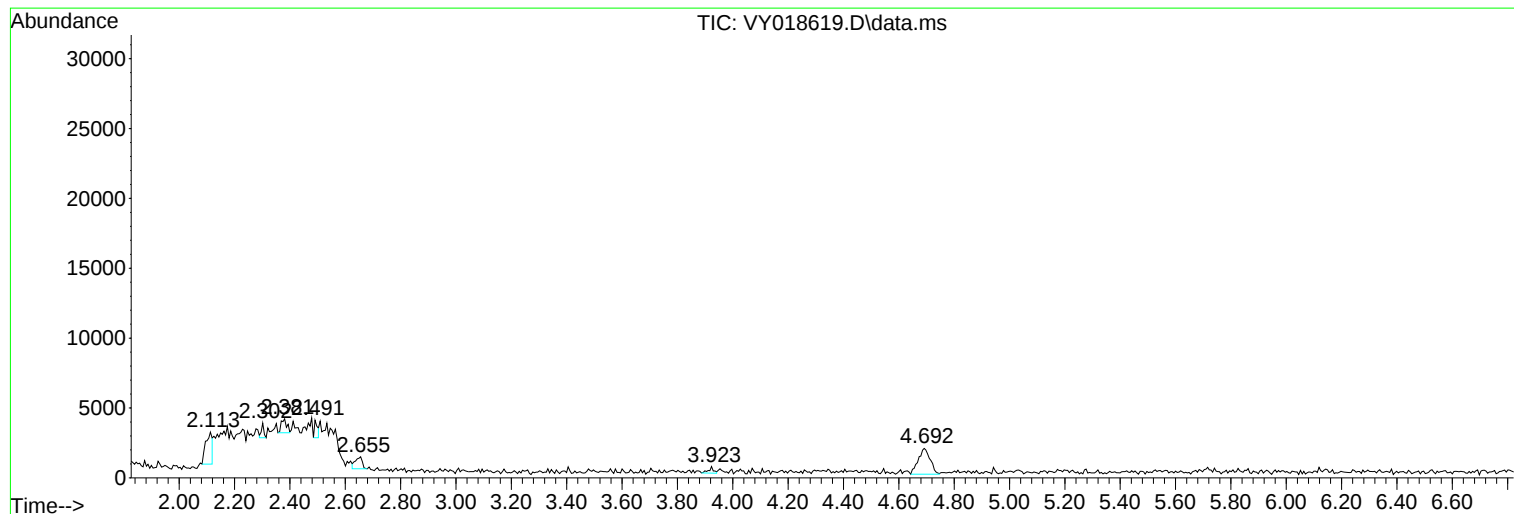
Sum of corrected areas: 318939

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y061324S.M  
Quant Title : SW846 8260

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



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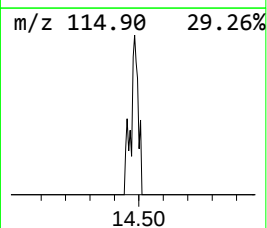
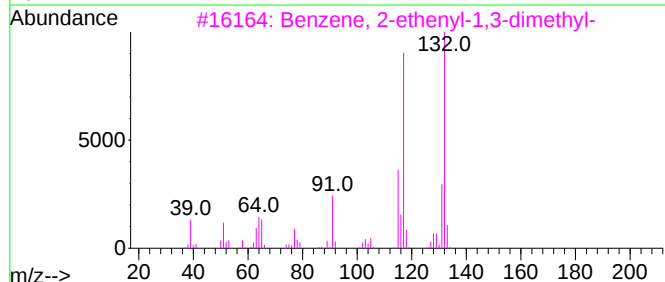
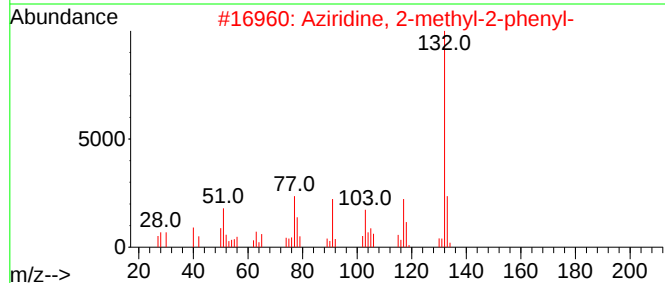
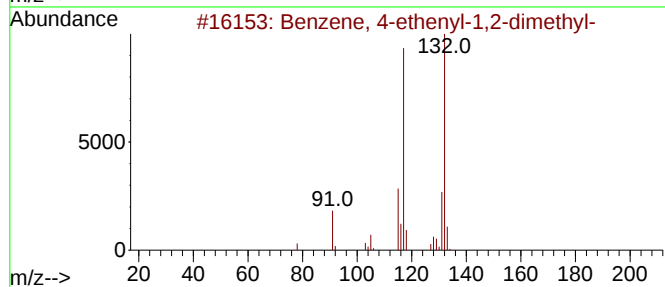
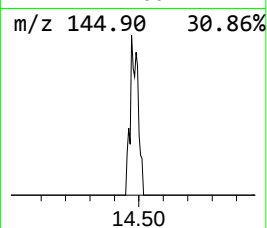
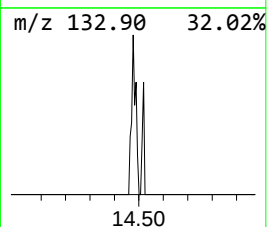
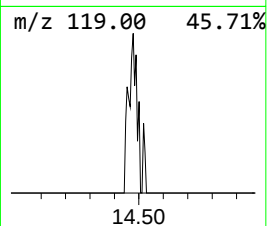
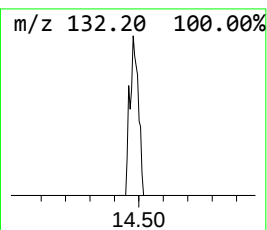
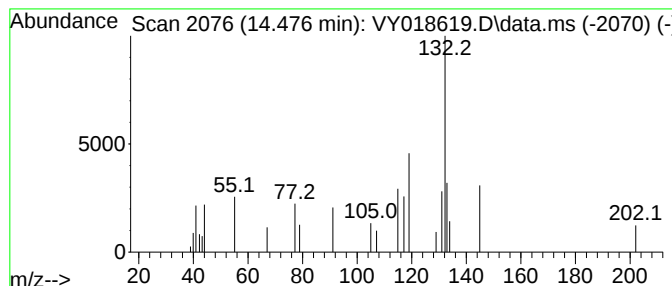
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown14.477 Concentration Rank 2

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 14.477 | 7.73 ug/l | 5148 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 4-ethenyl-1,2-dimethyl- | 132 | C10H12  | 027831-13-6 | 43   |
| 2    |    |   | Aziridine, 2-methyl-2-phenyl-    | 133 | C9H11N  | 022596-57-2 | 38   |
| 3    |    |   | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12  | 002039-90-9 | 37   |
| 4    |    |   | Benzene, 1-ethenyl-3,5-dimethyl- | 132 | C10H12  | 005379-20-4 | 32   |
| 5    |    |   | 2,4,6-Trimethylbenzyl cyanide    | 159 | C11H13N | 034688-71-6 | 28   |



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

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |       |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|-------|------|
|                  |        |         |       |          | #                     | RT     | Resp  | Conc |
| unknown14.477    | 14.477 | 7.7     | ug/l  | 5148     | 4                     | 13.422 | 33307 | 50.0 |