

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090123\  
 Data File : VY015418.D  
 Acq On : 01 Sep 2023 16:18  
 Operator : SY/MD  
 Sample : 04256-07  
 Misc : 6.16g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MW-4-6

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\82Y082923S.M

Title : SW846 8260

Signal : TIC: VY015418.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         | 1.863       | 3             | 7           | 13           | rVB2     | 3805           | 5664          | 1.43%           | 0.220%        |
| 2         | 2.216       | 60            | 65          | 67           | rBV      | 4710           | 7575          | 1.92%           | 0.294%        |
| 3         | 2.241       | 67            | 69          | 76           | rVB      | 7184           | 10040         | 2.54%           | 0.390%        |
| 4         | 2.905       | 172           | 178         | 186          | rVB10    | 1293           | 3991          | 1.01%           | 0.155%        |
| 5         | 3.247       | 228           | 234         | 241          | rBV4     | 2893           | 6845          | 1.73%           | 0.266%        |
| 6         | 3.942       | 342           | 348         | 354          | rBV2     | 1632           | 4339          | 1.10%           | 0.168%        |
| 7         | 4.192       | 381           | 389         | 402          | rVB2     | 1845           | 5682          | 1.44%           | 0.221%        |
| 8         | 4.704       | 463           | 473         | 490          | rVB2     | 18594          | 61001         | 15.44%          | 2.367%        |
| 9         | 5.740       | 632           | 643         | 655          | rBV2     | 8691           | 25225         | 6.38%           | 0.979%        |
| 10        | 6.972       | 832           | 845         | 864          | rBV      | 40909          | 135247        | 34.23%          | 5.249%        |
| 11        | 7.715       | 957           | 967         | 972          | rBV      | 57622          | 139628        | 35.34%          | 5.419%        |
| 12        | 7.782       | 972           | 978         | 994          | rVB      | 98068          | 227771        | 57.65%          | 8.840%        |
| 13        | 8.136       | 1020          | 1036        | 1050         | rVB2     | 70988          | 193824        | 49.06%          | 7.522%        |
| 14        | 8.685       | 1118          | 1126        | 1139         | rBV      | 150745         | 295676        | 74.84%          | 11.475%       |
| 15        | 10.178      | 1364          | 1371        | 1379         | rBV      | 232985         | 395092        | 100.00%         | 15.333%       |
| 16        | 10.575      | 1428          | 1436        | 1443         | rBV      | 18656          | 33802         | 8.56%           | 1.312%        |
| 17        | 10.709      | 1453          | 1458        | 1464         | rBV4     | 2259           | 4041          | 1.02%           | 0.157%        |
| 18        | 10.940      | 1491          | 1496        | 1508         | rBV      | 18141          | 30951         | 7.83%           | 1.201%        |
| 19        | 11.038      | 1508          | 1512        | 1519         | rVB5     | 3031           | 4953          | 1.25%           | 0.192%        |
| 20        | 11.318      | 1553          | 1558        | 1562         | rVB2     | 3471           | 5404          | 1.37%           | 0.210%        |
| 21        | 11.489      | 1579          | 1586        | 1593         | rBV      | 220316         | 347610        | 87.98%          | 13.491%       |
| 22        | 12.337      | 1720          | 1725        | 1729         | rBV2     | 3188           | 4587          | 1.16%           | 0.178%        |
| 23        | 12.483      | 1742          | 1749        | 1763         | rBV2     | 170864         | 276845        | 70.07%          | 10.744%       |
| 24        | 13.422      | 1892          | 1903        | 1910         | rBV      | 210819         | 331654        | 83.94%          | 12.871%       |
| 25        | 13.964      | 1986          | 1992        | 1997         | rBV2     | 5432           | 8807          | 2.23%           | 0.342%        |
| 26        | 15.318      | 2206          | 2214        | 2219         | rBV2     | 6561           | 10423         | 2.64%           | 0.405%        |

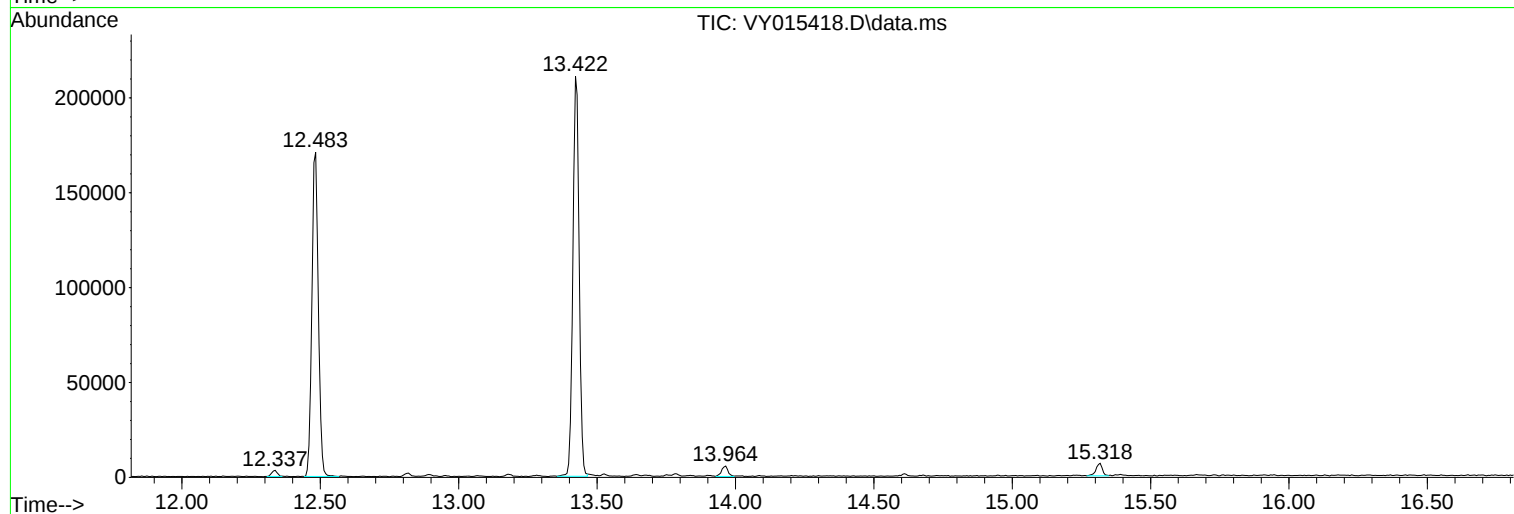
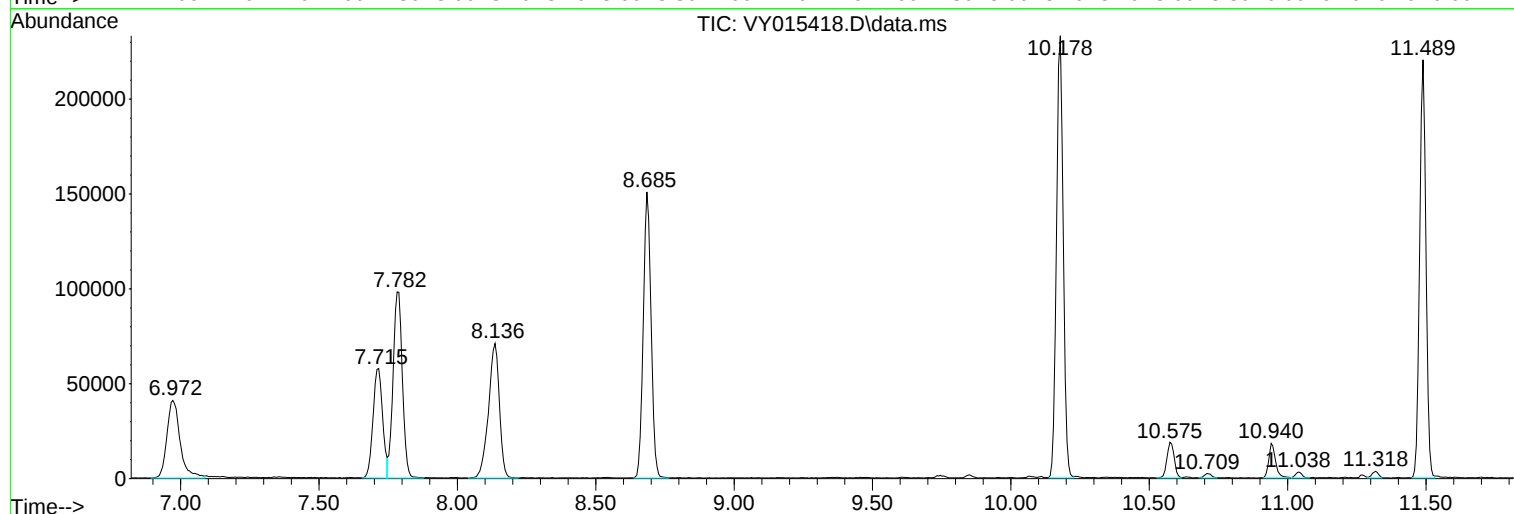
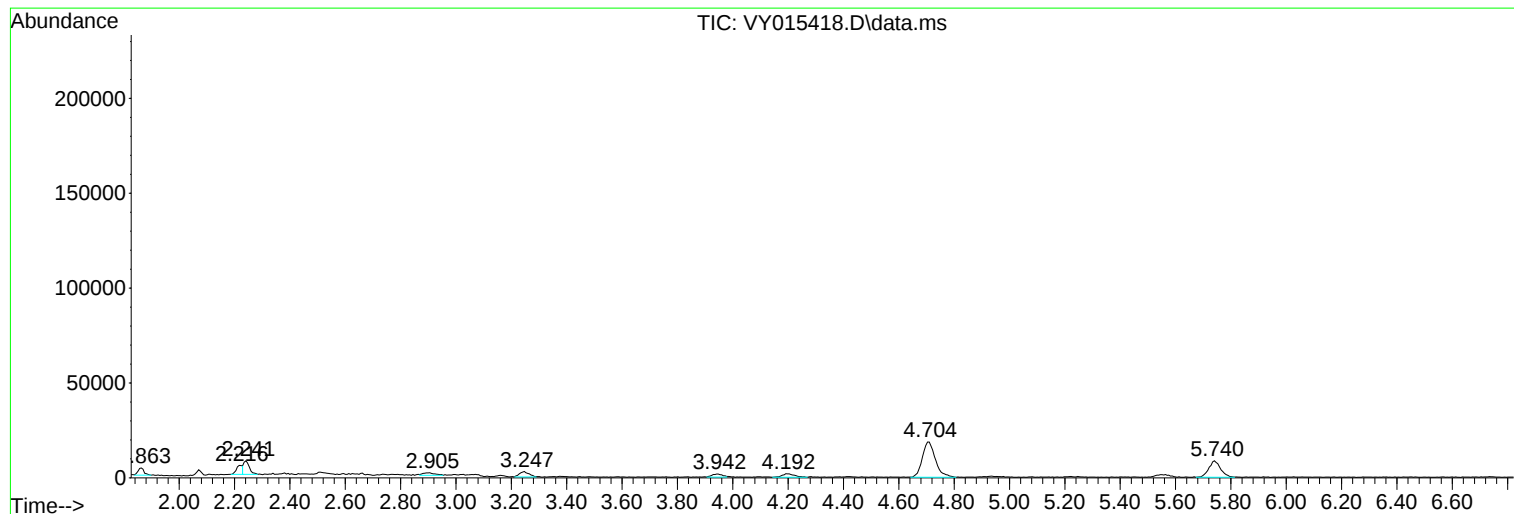
Sum of corrected areas: 2576677

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MW-4-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y082923S.M  
Quant Title : SW846 8260

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



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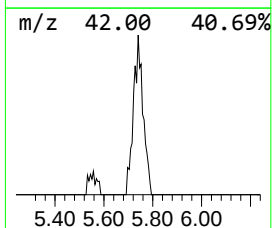
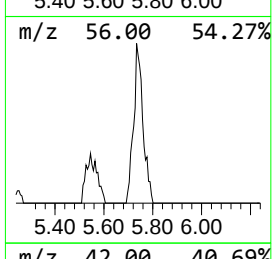
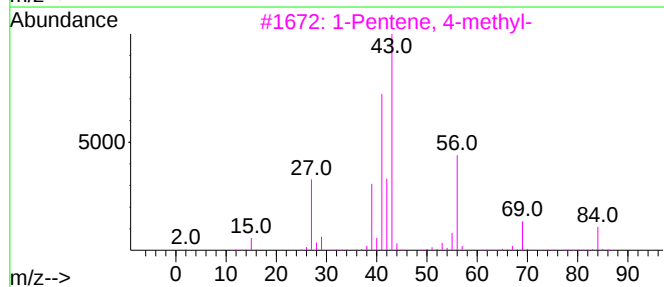
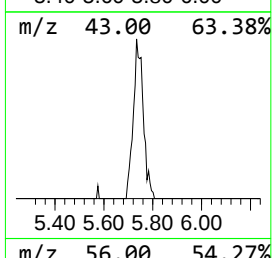
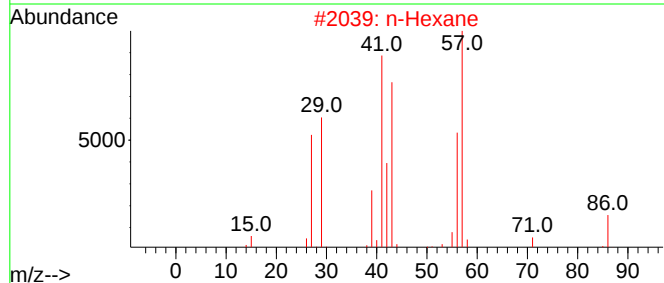
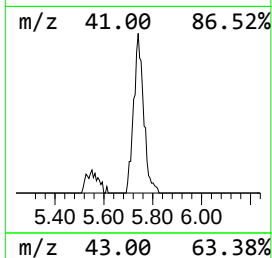
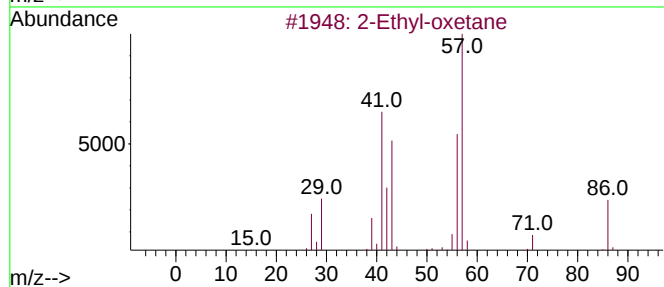
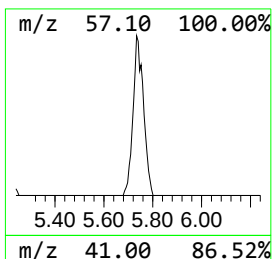
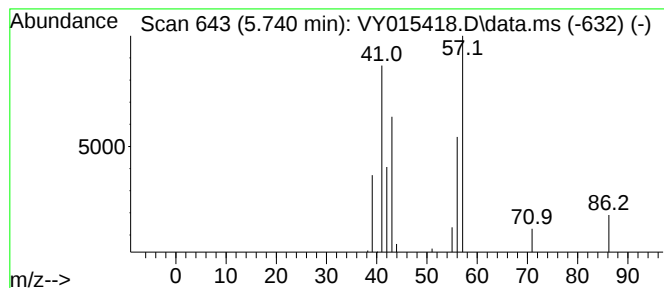
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Ethyl-oxetane Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 5.740 | 5.54 ug/l | 25225 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID         | MW | MolForm | CAS#         | Qual |
|------|----|---|----------------------|----|---------|--------------|------|
| 1    |    |   | 2-Ethyl-oxetane      | 86 | C5H10O  | 1010386-40-2 | 86   |
| 2    |    |   | n-Hexane             | 86 | C6H14   | 000110-54-3  | 86   |
| 3    |    |   | 1-Pentene, 4-methyl- | 84 | C6H12   | 000691-37-2  | 38   |
| 4    |    |   | 1-Hexene             | 84 | C6H12   | 000592-41-6  | 33   |
| 5    |    |   | Methane, isocyanato- | 57 | C2H3NO  | 000624-83-9  | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Ethyl-oxetane  | 5.740 | 5.5     | ug/l  | 25225    | 1                     | 7.789 | 227771 | 50.0 |