

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062123\  
 Data File : VY014341.D  
 Acq On : 21 Jun 2023 17:18  
 Operator : KP/MD  
 Sample : 03357-09  
 Misc : 4.97g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-SCAN-02-G

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: VY014341.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         | 4.198       | 381           | 390         | 403          | rBV      | 9478           | 31202         | 3.21%           | 0.456%        |
| 2         | 4.716       | 461           | 475         | 490          | rBV      | 46459          | 146636        | 15.08%          | 2.145%        |
| 3         | 4.930       | 499           | 510         | 520          | rBV7     | 3262           | 13396         | 1.38%           | 0.196%        |
| 4         | 5.747       | 635           | 644         | 656          | rVB3     | 9086           | 27222         | 2.80%           | 0.398%        |
| 5         | 6.972       | 833           | 845         | 865          | rBV      | 69998          | 211997        | 21.80%          | 3.101%        |
| 6         | 7.716       | 957           | 967         | 973          | rBV      | 148494         | 343773        | 35.35%          | 5.028%        |
| 7         | 7.789       | 973           | 979         | 993          | rVB      | 235690         | 548627        | 56.42%          | 8.024%        |
| 8         | 8.143       | 1024          | 1037        | 1046         | rBV3     | 157262         | 374309        | 38.49%          | 5.474%        |
| 9         | 8.691       | 1118          | 1127        | 1139         | rBV      | 357120         | 709564        | 72.97%          | 10.378%       |
| 10        | 10.179      | 1363          | 1371        | 1380         | rBV      | 573957         | 972377        | 100.00%         | 14.221%       |
| 11        | 10.581      | 1429          | 1437        | 1443         | rBV      | 55298          | 102254        | 10.52%          | 1.495%        |
| 12        | 10.947      | 1490          | 1497        | 1504         | rBV      | 66655          | 121236        | 12.47%          | 1.773%        |
| 13        | 11.319      | 1552          | 1558        | 1565         | rVB2     | 22669          | 37822         | 3.89%           | 0.553%        |
| 14        | 11.489      | 1578          | 1586        | 1595         | rBV      | 545160         | 899562        | 92.51%          | 13.156%       |
| 15        | 12.483      | 1740          | 1749        | 1758         | rBV2     | 488116         | 831615        | 85.52%          | 12.163%       |
| 16        | 12.630      | 1768          | 1773        | 1783         | rVB3     | 15379          | 41071         | 4.22%           | 0.601%        |
| 17        | 12.825      | 1798          | 1805        | 1811         | rBV6     | 14589          | 36358         | 3.74%           | 0.532%        |
| 18        | 13.068      | 1836          | 1845        | 1852         | rVB      | 39994          | 68444         | 7.04%           | 1.001%        |
| 19        | 13.178      | 1857          | 1863        | 1870         | rVB3     | 24407          | 41825         | 4.30%           | 0.612%        |
| 20        | 13.282      | 1870          | 1880        | 1886         | rBV2     | 68661          | 117535        | 12.09%          | 1.719%        |
| 21        | 13.422      | 1895          | 1903        | 1909         | rBV      | 544293         | 899762        | 92.53%          | 13.159%       |
| 22        | 13.483      | 1909          | 1913        | 1922         | rVB2     | 53758          | 117615        | 12.10%          | 1.720%        |
| 23        | 13.642      | 1931          | 1939        | 1950         | rBV3     | 19614          | 45922         | 4.72%           | 0.672%        |
| 24        | 13.965      | 1986          | 1992        | 1999         | rVB2     | 13700          | 24057         | 2.47%           | 0.352%        |
| 25        | 15.312      | 2208          | 2213        | 2219         | rBV2     | 31051          | 52442         | 5.39%           | 0.767%        |
| 26        | 15.720      | 2272          | 2280        | 2286         | rVB9     | 4395           | 10429         | 1.07%           | 0.153%        |
| 27        | 16.361      | 2380          | 2385        | 2390         | rVB4     | 5947           | 10410         | 1.07%           | 0.152%        |

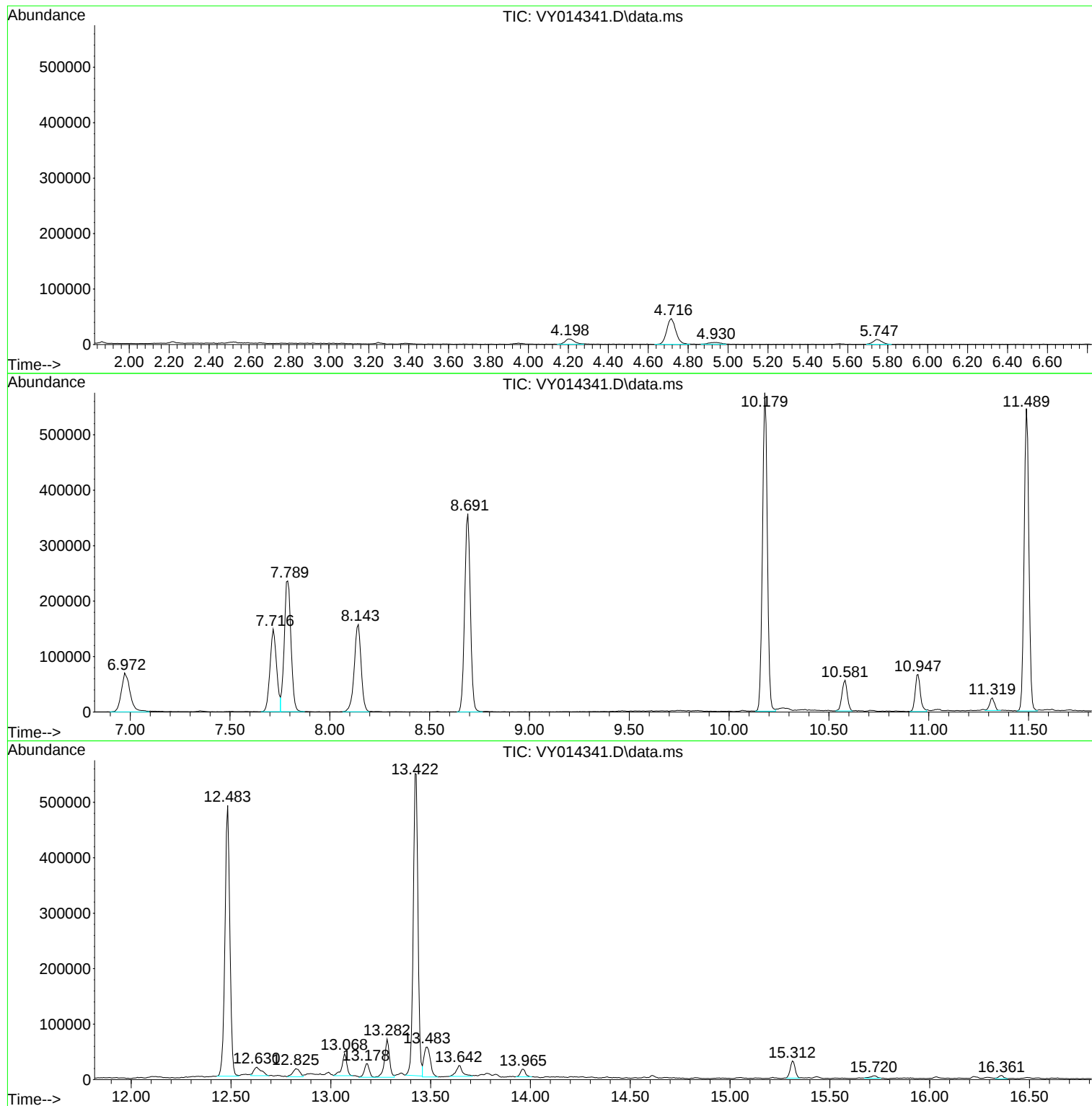
Sum of corrected areas: 6837462

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Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-SCAN-02-G

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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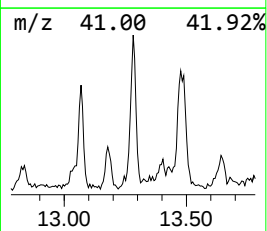
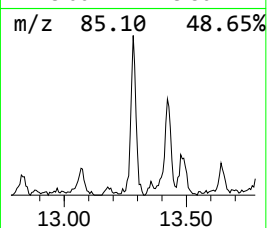
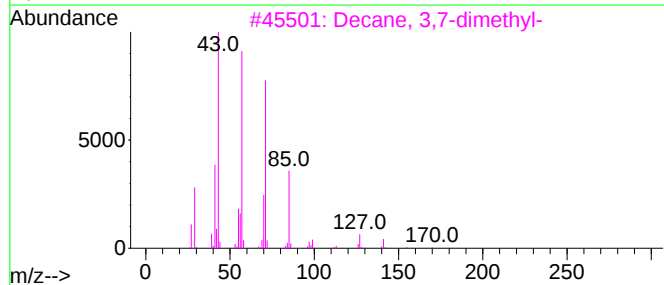
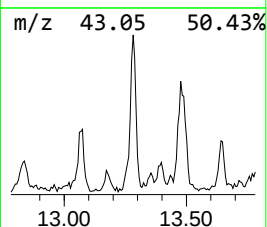
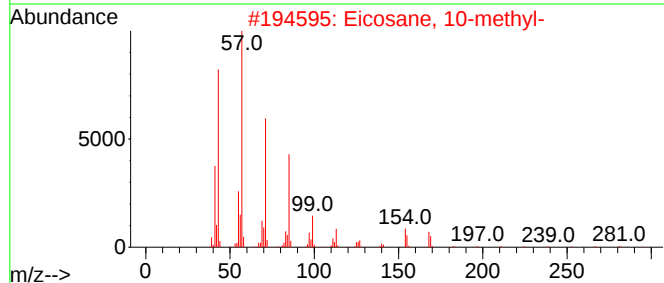
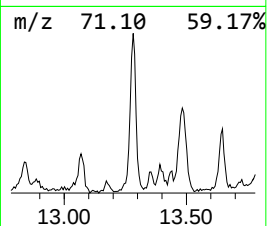
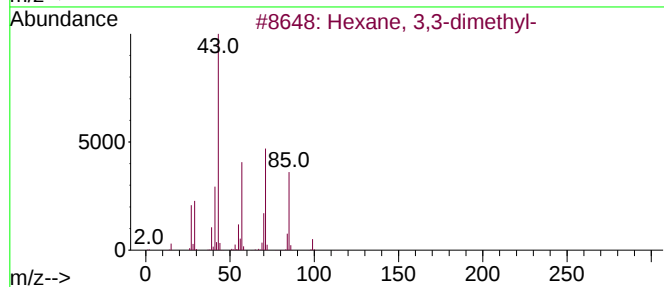
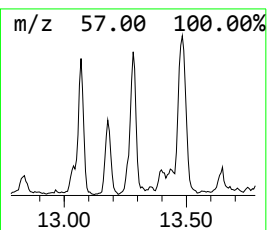
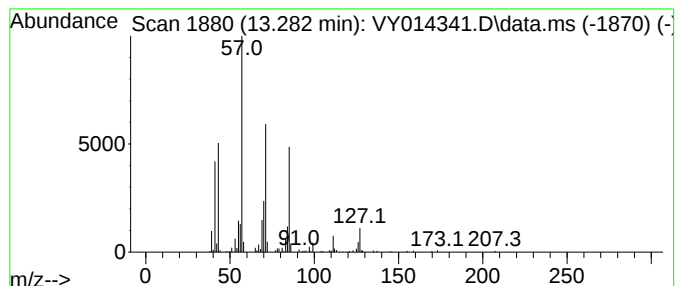
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060923S.M  
Quant Title : SW846 8260

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

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Peak Number 4 Hexane, 3,3-dimethyl- Concentration Rank 4

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.282 | 6.53 ug/l | 117535 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Hexane, 3,3-dimethyl- | 114 | C8H18   | 000563-16-6 | 64   |
| 2    |    |   | Eicosane, 10-methyl-  | 296 | C21H44  | 054833-23-7 | 59   |
| 3    |    |   | Decane, 3,7-dimethyl- | 170 | C12H26  | 017312-54-8 | 58   |
| 4    |    |   | Octadecane, 1-iodo-   | 380 | C18H37I | 000629-93-6 | 53   |
| 5    |    |   | Tridecane, 1-iodo-    | 310 | C13H27I | 035599-77-0 | 53   |



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MSVOA\_Y  
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WC-SCAN-02-G

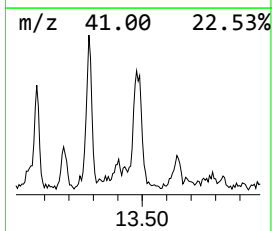
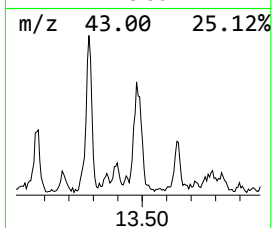
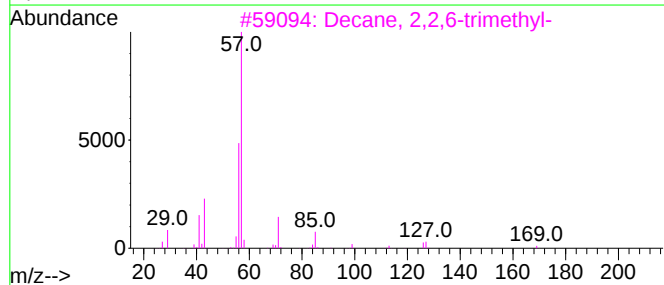
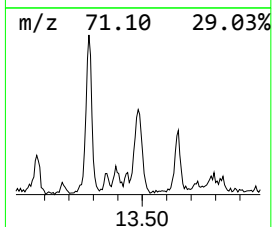
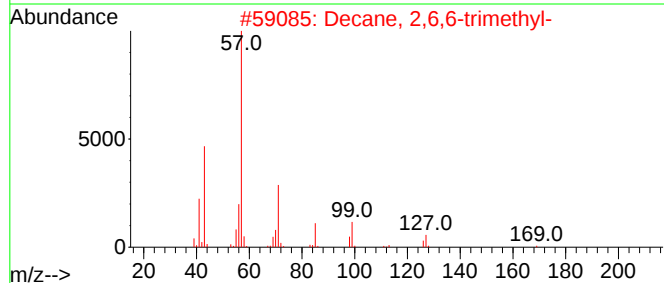
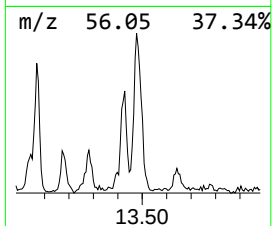
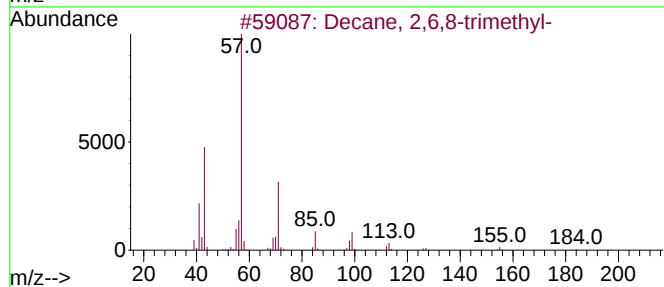
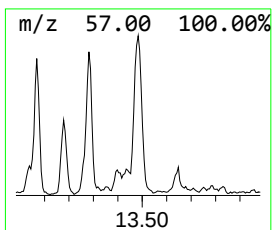
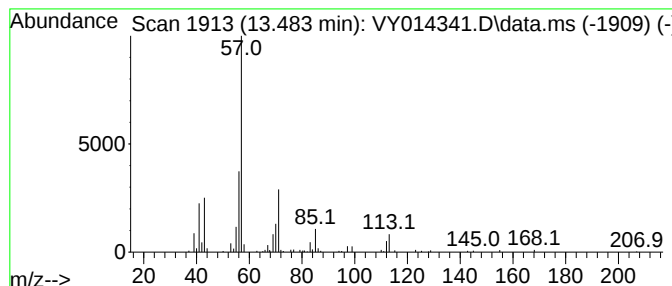
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Decane, 2,6,8-trimethyl- Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.483 | 6.54 ug/l | 117615 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 2,6,8-trimethyl-           | 184 | C13H28  | 062108-26-3 | 53   |
| 2    |    |   | Decane, 2,6,6-trimethyl-           | 184 | C13H28  | 062108-24-1 | 53   |
| 3    |    |   | Decane, 2,2,6-trimethyl-           | 184 | C13H28  | 062237-97-2 | 50   |
| 4    |    |   | Pentane, 2,2,3,4-tetramethyl-      | 128 | C9H20   | 001186-53-4 | 50   |
| 5    |    |   | Nonane, 2,2,4,4,6,8,8-heptamethyl- | 226 | C16H34  | 004390-04-9 | 50   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Hexane, 3,3-dim... | 13.282 | 6.5     | ug/l  | 117535   | 4                     | 13.428 | 899762 | 50.0 |
| Decane, 2,6,8-t... | 13.483 | 6.5     | ug/l  | 117615   | 4                     | 13.428 | 899762 | 50.0 |