

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041322\  
 Data File : VY008319.D  
 Acq On : 13 Apr 2022 17:47  
 Operator : KP/MD  
 Sample : N2368-01  
 Misc : 3.64g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 E14ST-EB3-041122-0-2

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\82Y040822S.M  
 Title : SW846 8260

Signal : TIC: VY008319.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         | 2.899       | 170           | 177         | 187          | rBV4     | 4921           | 12217         | 1.00%           | 0.291%        |
| 2         | 4.716       | 465           | 475         | 494          | rBV5     | 7690           | 37014         | 3.04%           | 0.881%        |
| 3         | 5.234       | 549           | 560         | 571          | rBV3     | 4857           | 15942         | 1.31%           | 0.380%        |
| 4         | 5.740       | 632           | 643         | 657          | rBV3     | 9757           | 29632         | 2.43%           | 0.705%        |
| 5         | 7.716       | 957           | 967         | 973          | rBV      | 86392          | 209977        | 17.23%          | 4.999%        |
| 6         | 7.783       | 973           | 978         | 988          | rVV      | 138275         | 317226        | 26.03%          | 7.552%        |
| 7         | 7.996       | 1004          | 1013        | 1022         | rBV2     | 13964          | 31849         | 2.61%           | 0.758%        |
| 8         | 8.136       | 1027          | 1036        | 1048         | rBV      | 79978          | 176426        | 14.48%          | 4.200%        |
| 9         | 8.545       | 1092          | 1103        | 1115         | rBV2     | 16151          | 32918         | 2.70%           | 0.784%        |
| 10        | 8.685       | 1118          | 1126        | 1135         | rBV      | 211632         | 421076        | 34.55%          | 10.024%       |
| 11        | 9.959       | 1326          | 1335        | 1345         | rVB4     | 11966          | 31601         | 2.59%           | 0.752%        |
| 12        | 10.179      | 1363          | 1371        | 1379         | rBV      | 355522         | 600228        | 49.25%          | 14.289%       |
| 13        | 10.368      | 1394          | 1402        | 1409         | rVB2     | 14049          | 25156         | 2.06%           | 0.599%        |
| 14        | 11.276      | 1543          | 1551        | 1556         | rVB3     | 6529           | 14960         | 1.23%           | 0.356%        |
| 15        | 11.380      | 1562          | 1568        | 1575         | rVB2     | 7621           | 13164         | 1.08%           | 0.313%        |
| 16        | 11.489      | 1578          | 1586        | 1597         | rVV      | 313365         | 518251        | 42.53%          | 12.338%       |
| 17        | 11.709      | 1610          | 1622        | 1629         | rBV4     | 6085           | 14251         | 1.17%           | 0.339%        |
| 18        | 12.489      | 1741          | 1750        | 1762         | rVB3     | 692182         | 1218672       | 100.00%         | 29.012%       |
| 19        | 13.422      | 1892          | 1903        | 1911         | rBV      | 266492         | 429415        | 35.24%          | 10.223%       |
| 20        | 13.965      | 1986          | 1992        | 1999         | rVB2     | 31196          | 50567         | 4.15%           | 1.204%        |

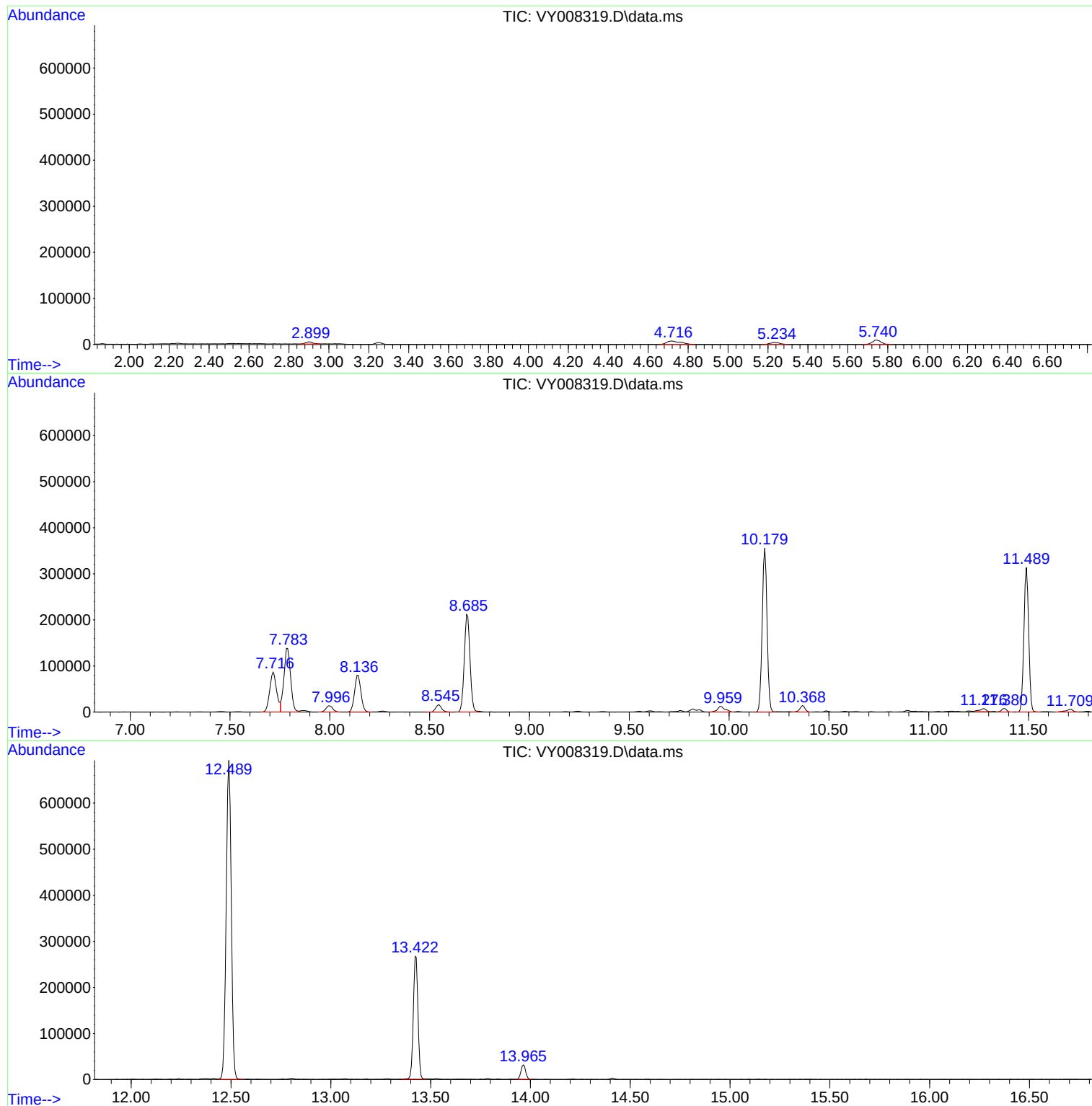
Sum of corrected areas: 4200542

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
Quant Title : SW846 8260

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



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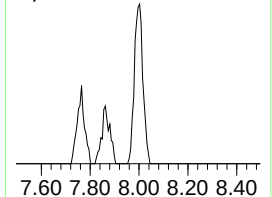
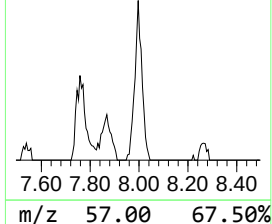
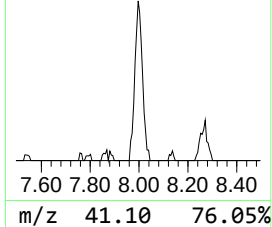
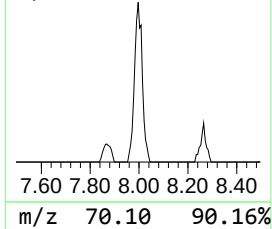
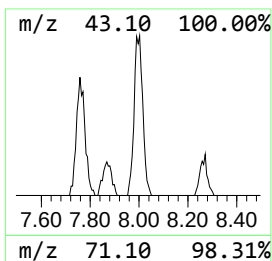
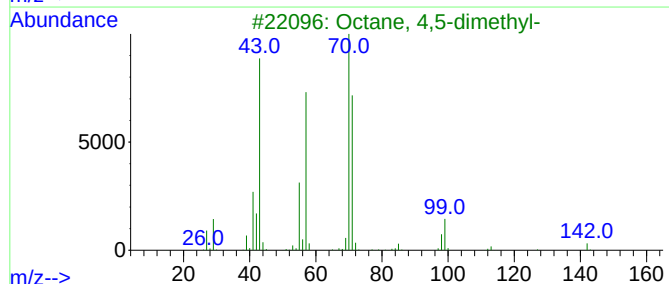
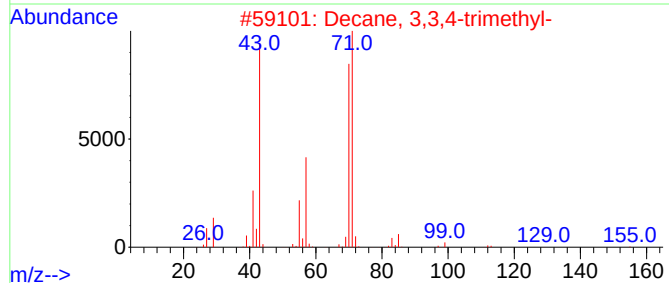
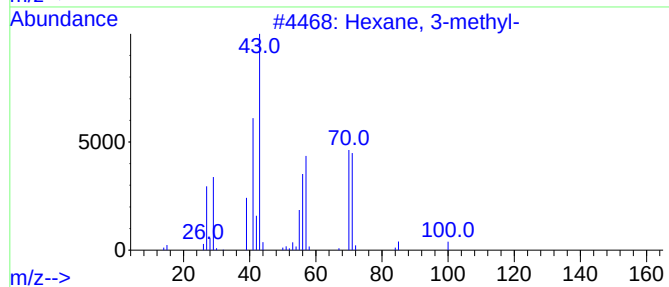
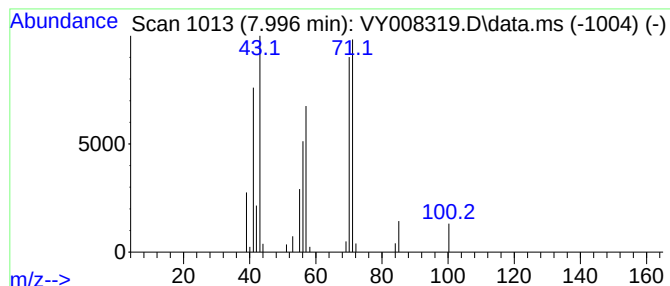
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
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Peak Number 2 Hexane, 3-methyl- Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 7.996 | 5.02 ug/l | 31849 | Pentafluorobenzene | 7.789 |

| Hit# | of 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------|-----|---------|-------------|------|
| 1    |      | Hexane, 3-methyl-        | 100 | C7H16   | 000589-34-4 | 94   |
| 2    |      | Decane, 3,3,4-trimethyl- | 184 | C13H28  | 049622-18-6 | 53   |
| 3    |      | Octane, 4,5-dimethyl-    | 142 | C10H22  | 015869-96-2 | 50   |
| 4    |      | Hexane, 2,3-dimethyl-    | 114 | C8H18   | 000584-94-1 | 50   |
| 5    |      | Heptane, 3,4-dimethyl-   | 128 | C9H20   | 000922-28-1 | 43   |



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| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                   |       |         |       |          | #                     | RT    | Resp   | Conc |
| Hexane, 3-methyl- | 7.996 | 5.0     | ug/l  | 31849    | 1                     | 7.789 | 317226 | 50.0 |