

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042523\  
 Data File : VY013453.D  
 Acq On : 25 Apr 2023 17:50  
 Operator : KP/MD  
 Sample : 02427-03  
 Misc : 5.59g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 20230306-28-4

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\82Y042423S.M

Title : SW846 8260

Signal : TIC: VY013453.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           | 14           | rVB3     | 29848          | 45995         | 5.08%           | 0.842%        |
| 2         | 2.211       | 58            | 64          | 75           | rBV3     | 21392          | 53110         | 5.86%           | 0.972%        |
| 3         | 3.247       | 228           | 234         | 240          | rBV3     | 4670           | 10115         | 1.12%           | 0.185%        |
| 4         | 3.991       | 343           | 356         | 357          | rBV2     | 20126          | 59219         | 6.54%           | 1.084%        |
| 5         | 4.192       | 380           | 389         | 402          | rVB2     | 10633          | 32331         | 3.57%           | 0.592%        |
| 6         | 4.710       | 464           | 474         | 495          | rBV2     | 16659          | 56955         | 6.29%           | 1.043%        |
| 7         | 5.747       | 637           | 644         | 654          | rVB6     | 2925           | 9286          | 1.03%           | 0.170%        |
| 8         | 7.002       | 841           | 850         | 859          | rBV3     | 8200           | 29712         | 3.28%           | 0.544%        |
| 9         | 7.716       | 955           | 967         | 972          | rBV      | 138119         | 325945        | 35.99%          | 5.968%        |
| 10        | 7.789       | 972           | 979         | 992          | rVB      | 214407         | 496230        | 54.79%          | 9.085%        |
| 11        | 8.136       | 1027          | 1036        | 1049         | rBV      | 137963         | 323394        | 35.70%          | 5.921%        |
| 12        | 8.685       | 1118          | 1126        | 1139         | rBV      | 331514         | 663258        | 73.23%          | 12.144%       |
| 13        | 10.179      | 1363          | 1371        | 1389         | rBV      | 524490         | 905770        | 100.00%         | 16.584%       |
| 14        | 11.489      | 1578          | 1586        | 1597         | rBV      | 488583         | 819126        | 90.43%          | 14.997%       |
| 15        | 12.233      | 1700          | 1708        | 1713         | rVB8     | 4252           | 10564         | 1.17%           | 0.193%        |
| 16        | 12.483      | 1740          | 1749        | 1756         | rBV      | 373607         | 614226        | 67.81%          | 11.246%       |
| 17        | 12.636      | 1770          | 1774        | 1781         | rVB8     | 4466           | 10327         | 1.14%           | 0.189%        |
| 18        | 12.733      | 1783          | 1790        | 1795         | rBV7     | 3849           | 9467          | 1.05%           | 0.173%        |
| 19        | 12.806      | 1797          | 1802        | 1803         | rVV4     | 5644           | 9275          | 1.02%           | 0.170%        |
| 20        | 12.837      | 1804          | 1807        | 1816         | rVB      | 7639           | 15748         | 1.74%           | 0.288%        |
| 21        | 13.282      | 1871          | 1880        | 1885         | rBV4     | 12026          | 26232         | 2.90%           | 0.480%        |
| 22        | 13.422      | 1896          | 1903        | 1909         | rBV      | 487017         | 766638        | 84.64%          | 14.036%       |
| 23        | 13.471      | 1909          | 1911        | 1918         | rVB2     | 9807           | 17631         | 1.95%           | 0.323%        |
| 24        | 13.623      | 1931          | 1936        | 1943         | rVB3     | 11310          | 21052         | 2.32%           | 0.385%        |
| 25        | 13.745      | 1949          | 1956        | 1960         | rBV9     | 4011           | 9750          | 1.08%           | 0.179%        |
| 26        | 13.959      | 1985          | 1991        | 1997         | rVB2     | 16498          | 31043         | 3.43%           | 0.568%        |
| 27        | 15.233      | 2191          | 2200        | 2206         | rBV      | 37357          | 67834         | 7.49%           | 1.242%        |
| 28        | 15.605      | 2255          | 2261        | 2266         | rBV8     | 4308           | 9293          | 1.03%           | 0.170%        |
| 29        | 16.476      | 2398          | 2404        | 2412         | rVB8     | 5028           | 12277         | 1.36%           | 0.225%        |

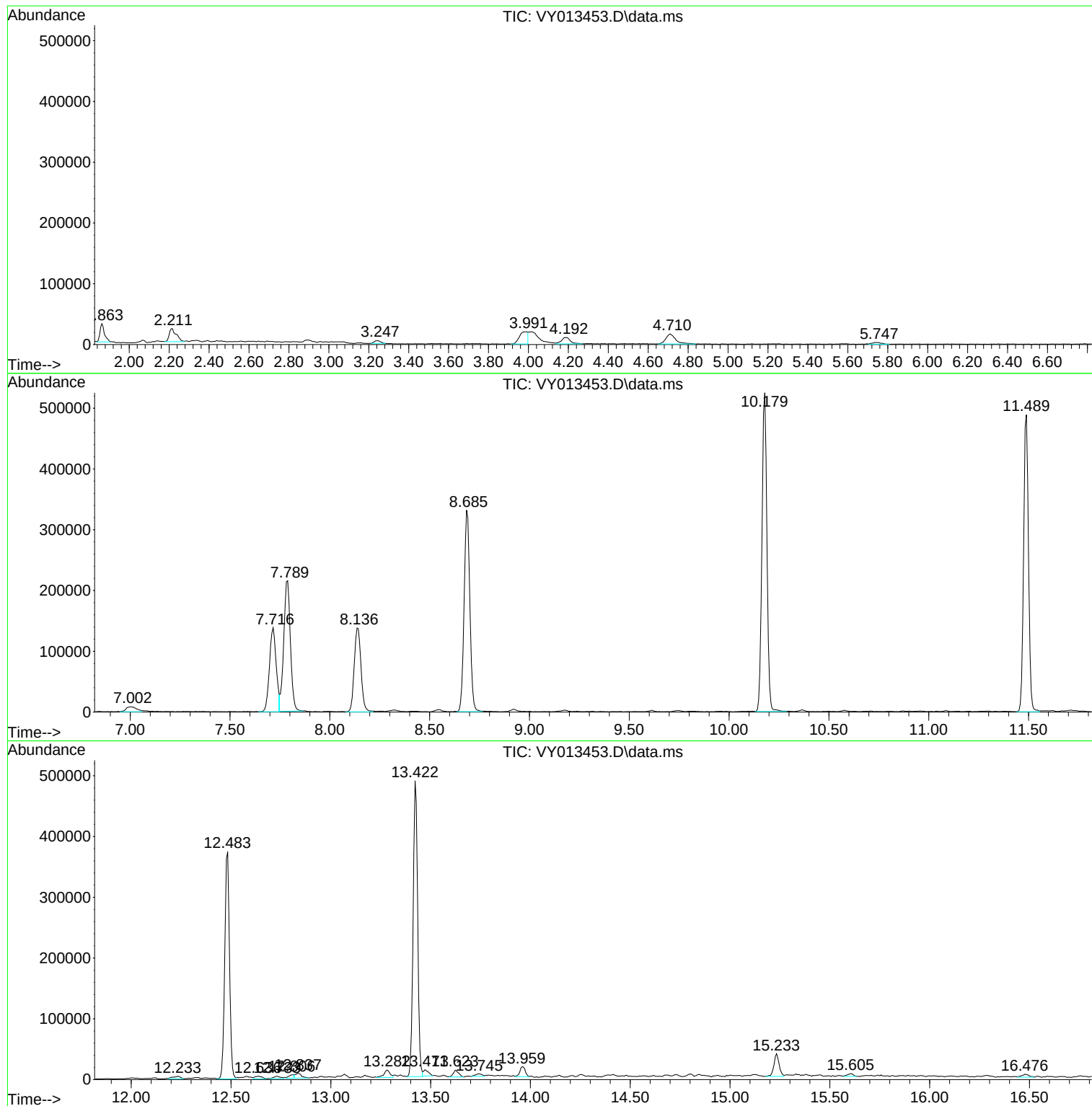
Sum of corrected areas: 5461803

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042423S.M  
Quant Title : SW846 8260

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



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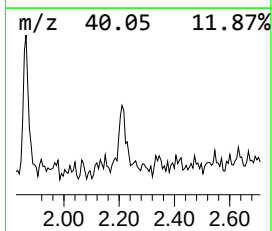
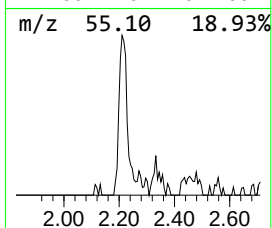
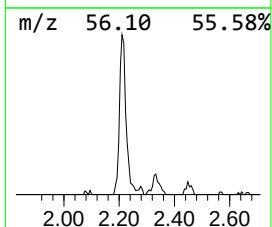
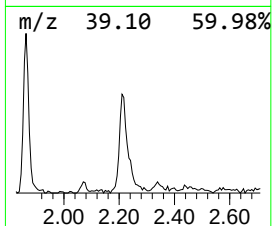
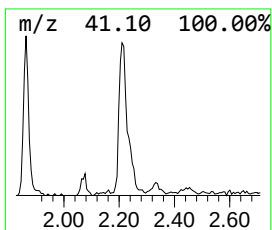
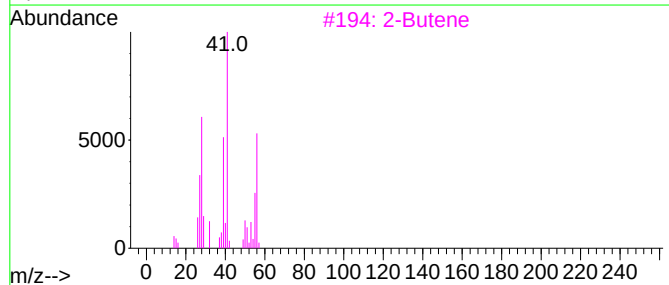
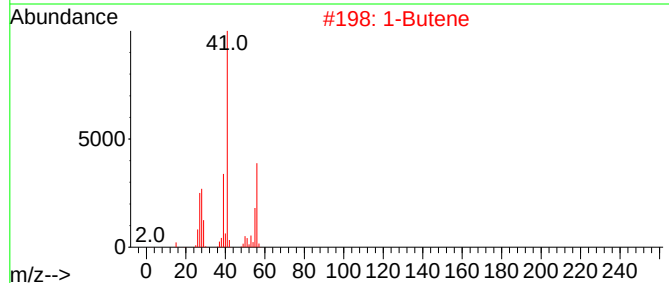
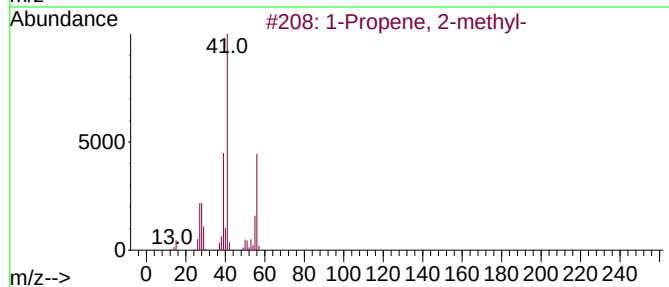
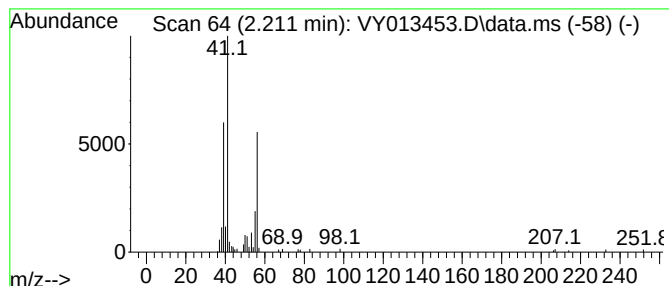
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 1-Propene, 2-methyl- Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.211 | 5.35 ug/l | 53110 | Pentafluorobenzene | 7.789 |

| Hit# | of                   | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----------------------|---|--------------|----|---------|-------------|------|
| 1    | 1-Propene, 2-methyl- |   |              | 56 | C4H8    | 000115-11-7 | 87   |
| 2    | 1-Butene             |   |              | 56 | C4H8    | 000106-98-9 | 64   |
| 3    | 2-Butene             |   |              | 56 | C4H8    | 000107-01-7 | 64   |
| 4    | 2-Butene, (E)-       |   |              | 56 | C4H8    | 000624-64-6 | 43   |
| 5    | 2-Butene, (Z)-       |   |              | 56 | C4H8    | 000590-18-1 | 43   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| 1-Propene, 2-me... | 2.211 | 5.3     | ug/l  | 53110    | 1                     | 7.789 | 496230 | 50.0 |