

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY121024\  
 Data File : VY020571.D  
 Acq On : 10 Dec 2024 16:10  
 Operator : SY/MD  
 Sample : P5219-03  
 Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MR-CAM-012

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\82Y120224S.M

Title : SW846 8260

Signal : TIC: VY020571.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         | 2.013       | 43            | 48          | 53           | rVB3     | 1251           | 1840          | 1.30%           | 0.226%        |
| 2         | 3.867       | 344           | 352         | 359          | rBV2     | 2009           | 5483          | 3.87%           | 0.674%        |
| 3         | 4.098       | 381           | 390         | 398          | rBV      | 2170           | 5641          | 3.98%           | 0.693%        |
| 4         | 5.641       | 641           | 643         | 651          | rVB3     | 996            | 1810          | 1.28%           | 0.222%        |
| 5         | 6.878       | 838           | 846         | 854          | rBV3     | 1863           | 5063          | 3.57%           | 0.622%        |
| 6         | 7.634       | 960           | 970         | 976          | rBV      | 23616          | 56130         | 39.58%          | 6.895%        |
| 7         | 7.707       | 976           | 982         | 991          | rVB      | 41841          | 96470         | 68.03%          | 11.851%       |
| 8         | 8.061       | 1031          | 1040        | 1051         | rBV      | 21550          | 50048         | 35.29%          | 6.148%        |
| 9         | 8.610       | 1123          | 1130        | 1139         | rBV      | 58585          | 117916        | 83.15%          | 14.485%       |
| 10        | 8.847       | 1160          | 1169        | 1178         | rBV2     | 23389          | 49938         | 35.21%          | 6.135%        |
| 11        | 9.091       | 1204          | 1209        | 1216         | rBV5     | 2382           | 4852          | 3.42%           | 0.596%        |
| 12        | 10.103      | 1369          | 1375        | 1383         | rVV      | 85059          | 141814        | 100.00%         | 17.421%       |
| 13        | 10.512      | 1434          | 1442        | 1446         | rBV3     | 3002           | 5997          | 4.23%           | 0.737%        |
| 14        | 10.615      | 1453          | 1459        | 1467         | rBV4     | 816            | 1632          | 1.15%           | 0.200%        |
| 15        | 10.865      | 1494          | 1500        | 1504         | rBV5     | 1035           | 1830          | 1.29%           | 0.225%        |
| 16        | 11.414      | 1584          | 1590        | 1599         | rBV      | 63079          | 104159        | 73.45%          | 12.795%       |
| 17        | 11.664      | 1626          | 1631        | 1636         | rVB3     | 1749           | 3487          | 2.46%           | 0.428%        |
| 18        | 12.408      | 1746          | 1753        | 1761         | rVB2     | 39630          | 70063         | 49.40%          | 8.607%        |
| 19        | 12.688      | 1793          | 1799        | 1803         | rBV4     | 2360           | 3451          | 2.43%           | 0.424%        |
| 20        | 12.731      | 1803          | 1806        | 1811         | rVB4     | 1723           | 2243          | 1.58%           | 0.276%        |
| 21        | 12.828      | 1818          | 1822        | 1827         | rBV4     | 1190           | 2022          | 1.43%           | 0.248%        |
| 22        | 13.011      | 1846          | 1852        | 1856         | rBV4     | 2270           | 3838          | 2.71%           | 0.471%        |
| 23        | 13.261      | 1888          | 1893        | 1897         | rBV6     | 1285           | 2211          | 1.56%           | 0.272%        |
| 24        | 13.347      | 1901          | 1907        | 1912         | rVV      | 26425          | 40476         | 28.54%          | 4.972%        |
| 25        | 13.408      | 1912          | 1917        | 1922         | rVV3     | 17197          | 27979         | 19.73%          | 3.437%        |
| 26        | 13.450      | 1922          | 1924        | 1931         | rVB3     | 2784           | 4128          | 2.91%           | 0.507%        |
| 27        | 14.871      | 2151          | 2157        | 2165         | rVB4     | 1726           | 3523          | 2.48%           | 0.433%        |

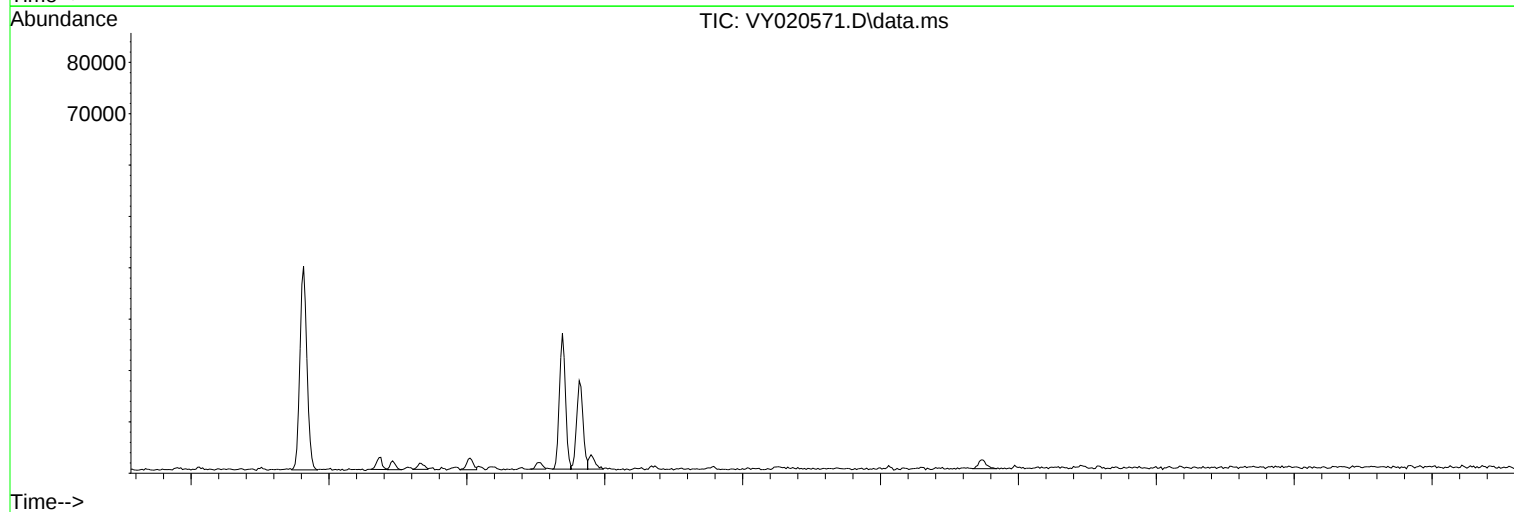
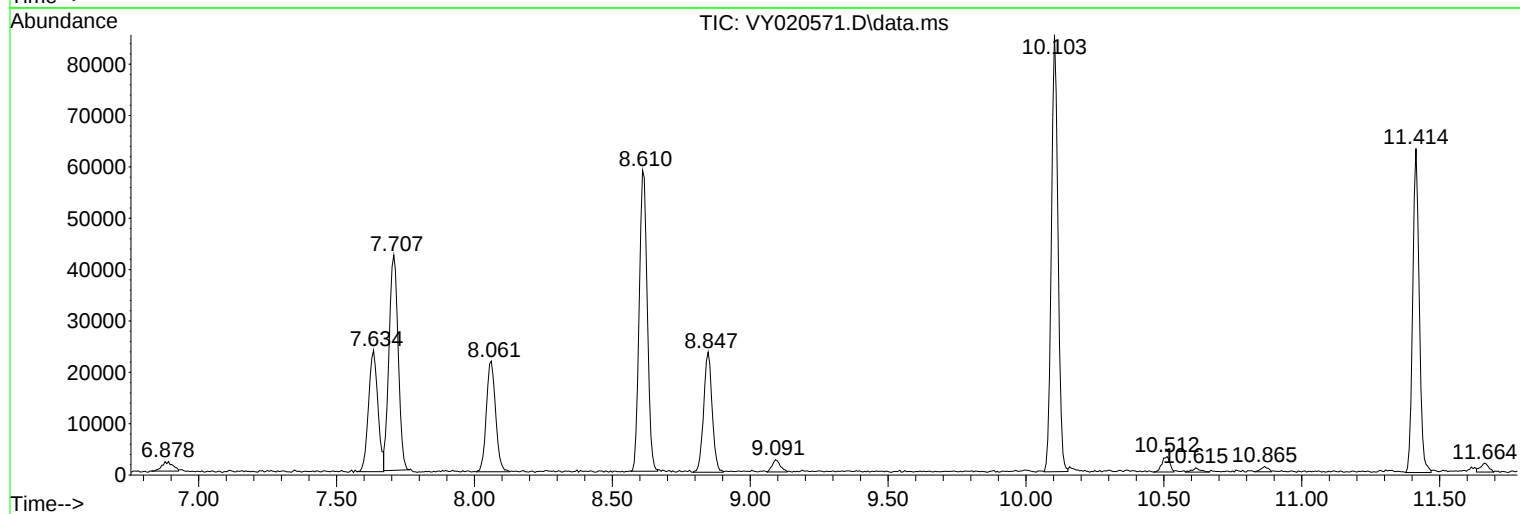
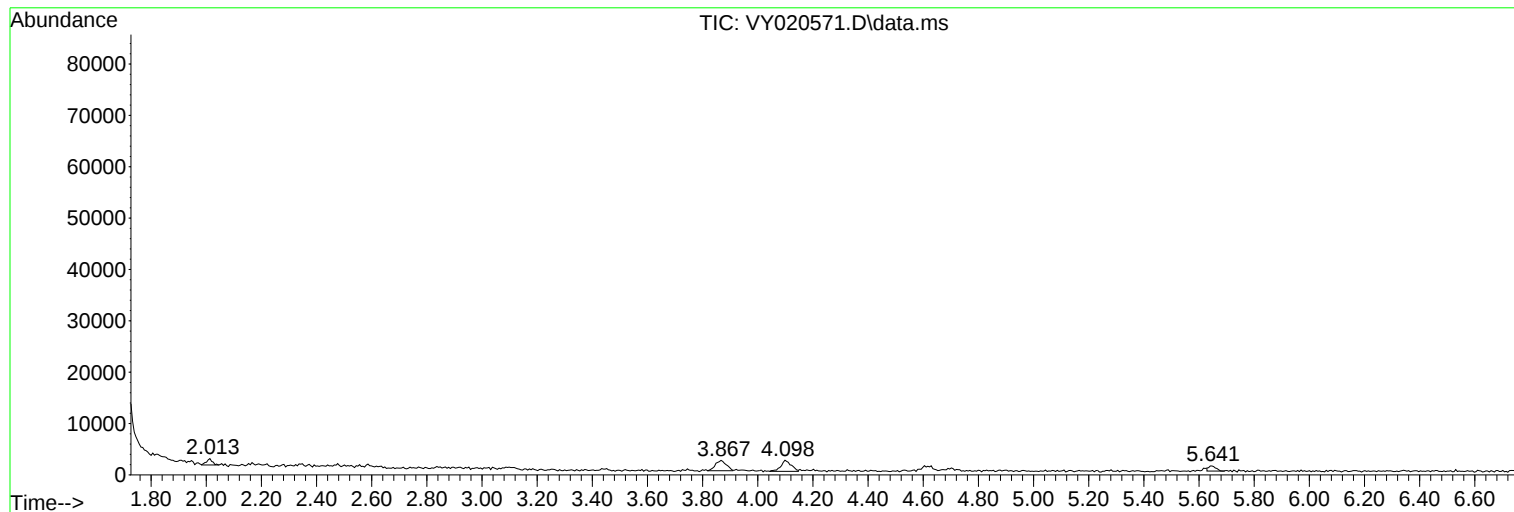
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ClientSampleId :  
MR-CAM-012

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y120224S.M  
Quant Title : SW846 8260

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



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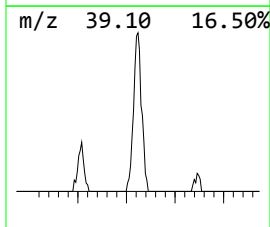
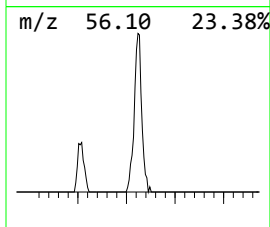
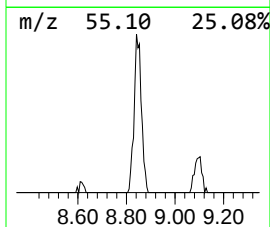
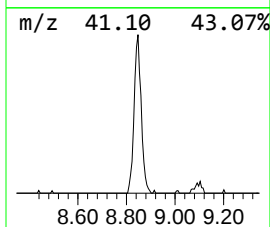
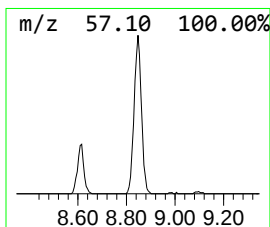
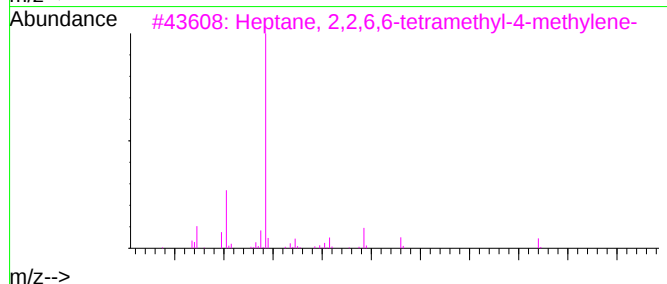
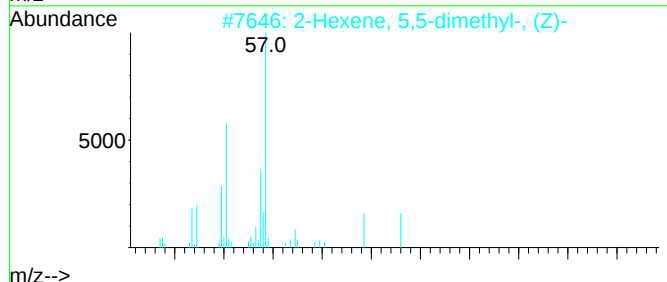
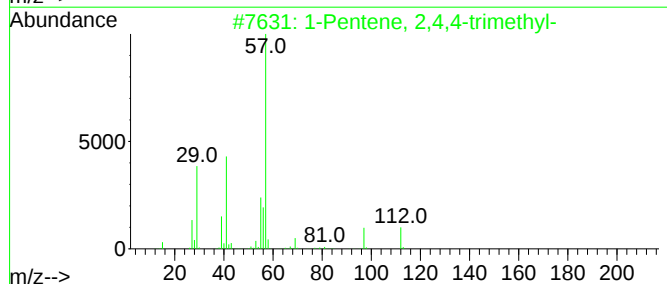
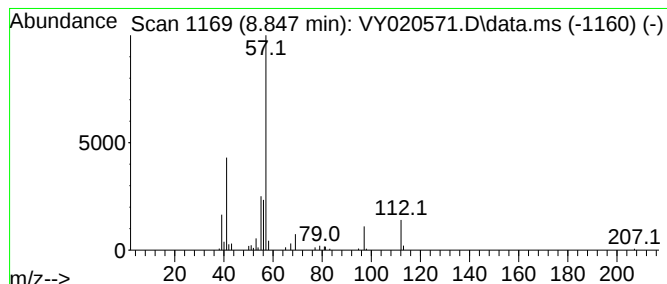
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Peak Number 1 1-Pentene, 2,4,4-trimethyl- Concentration Rank 2

| R.T.  | EstConc    | Area  | Relative to ISTD    | R.T.  |
|-------|------------|-------|---------------------|-------|
| 8.847 | 21.18 ug/l | 49938 | 1,4-Difluorobenzene | 8.610 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|-----------|-------------------------------------|-----|----------|-------------|------|
| 1         | 1-Pentene, 2,4,4-trimethyl-         | 112 | C8H16    | 000107-39-1 | 91   |
| 2         | 2-Hexene, 5,5-dimethyl-, (Z)-       | 112 | C8H16    | 039761-61-0 | 72   |
| 3         | Heptane, 2,2,6,6-tetramethyl-4-m... | 168 | C12H24   | 000141-70-8 | 47   |
| 4         | Pentane, 2,2,4-trimethyl-4-nitro-   | 159 | C8H17NO2 | 005342-78-9 | 40   |
| 5         | 1-Hexene, 5,5-dimethyl-             | 112 | C8H16    | 007116-86-1 | 39   |



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Quant Title : SW846 8260

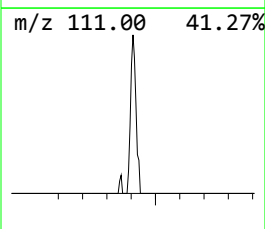
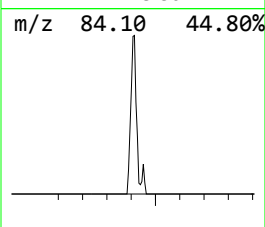
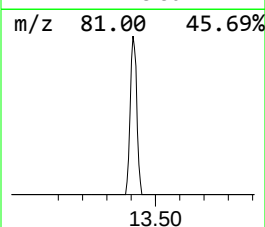
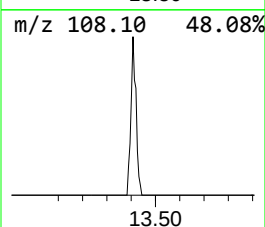
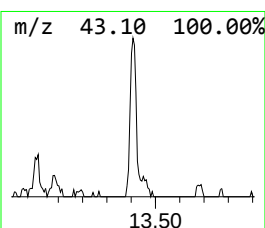
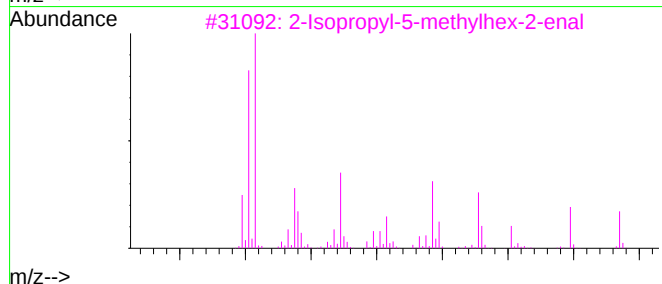
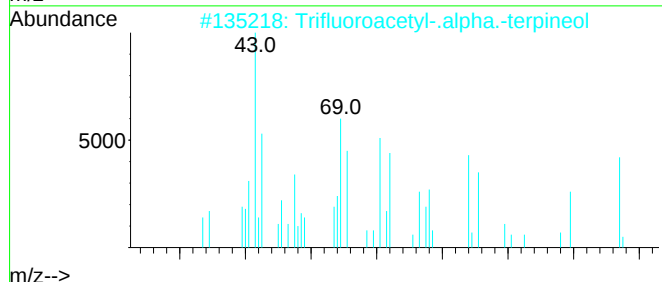
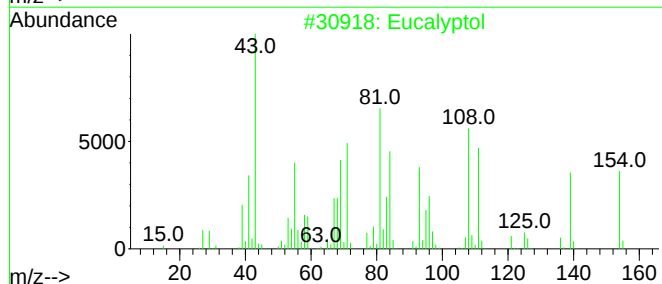
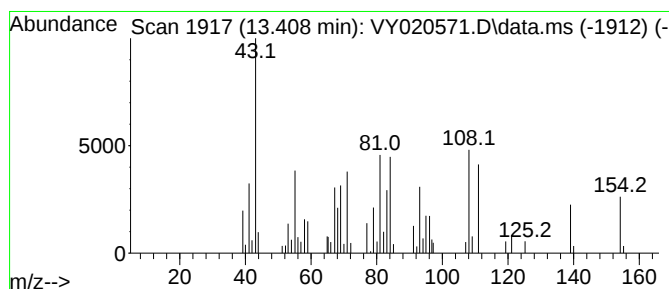
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Eucalyptol Concentration Rank 1

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 13.408 | 34.56 ug/l | 27979 | 1,4-Dichlorobenzene-d4 | 13.347 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|-----------|-------------------------------------|-----|------------|--------------|------|
| 1         | Eucalyptol                          | 154 | C10H18O    | 000470-82-6  | 96   |
| 2         | Trifluoroacetyl-.alpha.-terpineol   | 250 | C12H17F3O2 | 1000058-17-6 | 72   |
| 3         | 2-Isopropyl-5-methylhex-2-enal      | 154 | C10H18O    | 035158-25-9  | 27   |
| 4         | 7-Oxabicyclo[2.2.1]heptane, 1-me... | 154 | C10H18O    | 000470-67-7  | 16   |
| 5         | 2-Cyclohexen-1-ol, 1-methyl-4-(1... | 154 | C10H18O    | 029803-81-4  | 16   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 1-Pentene, 2,4,... | 8.847  | 21.2    | ug/l  | 49938    | 2                     | 8.610  | 117916 | 50.0 |
| Eucalyptol         | 13.408 | 34.6    | ug/l  | 27979    | 4                     | 13.347 | 40476  | 50.0 |