

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020524\  
 Data File : VY017230.D  
 Acq On : 05 Feb 2024 15:40  
 Operator : SY/MD  
 Sample : P1367-07  
 Misc : 5.82g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 EB-7-5-7

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\82Y020124S.M

Title : SW846 8260

Signal : TIC: VY017230.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         | 4.729       | 466           | 477         | 490          | rVB2     | 7658           | 25230         | 1.28%           | 0.501%        |
| 2         | 7.728       | 959           | 969         | 975          | rBV2     | 57049          | 135281        | 6.87%           | 2.686%        |
| 3         | 7.795       | 975           | 980         | 992          | rVB      | 105166         | 234784        | 11.93%          | 4.662%        |
| 4         | 8.149       | 1026          | 1038        | 1050         | rBV      | 50979          | 114353        | 5.81%           | 2.271%        |
| 5         | 8.697       | 1119          | 1128        | 1140         | rBV      | 203856         | 395742        | 20.11%          | 7.859%        |
| 6         | 10.191      | 1364          | 1373        | 1381         | rBV      | 233899         | 403249        | 20.49%          | 8.008%        |
| 7         | 11.496      | 1580          | 1587        | 1601         | rBV      | 324609         | 527098        | 26.78%          | 10.467%       |
| 8         | 12.239      | 1702          | 1709        | 1714         | rVB      | 14214          | 24164         | 1.23%           | 0.480%        |
| 9         | 12.343      | 1718          | 1726        | 1736         | rBV      | 162139         | 256091        | 13.01%          | 5.085%        |
| 10        | 12.489      | 1743          | 1750        | 1756         | rBV      | 191252         | 297883        | 15.14%          | 5.915%        |
| 11        | 12.587      | 1761          | 1766        | 1774         | rVB      | 40724          | 67975         | 3.45%           | 1.350%        |
| 12        | 12.898      | 1811          | 1817        | 1825         | rVB      | 12598          | 21657         | 1.10%           | 0.430%        |
| 13        | 13.075      | 1840          | 1846        | 1853         | rBV2     | 59846          | 93979         | 4.78%           | 1.866%        |
| 14        | 13.373      | 1884          | 1895        | 1900         | rBV      | 1319853        | 1968125       | 100.00%         | 39.082%       |
| 15        | 13.428      | 1900          | 1904        | 1911         | rVB      | 313327         | 470233        | 23.89%          | 9.338%        |

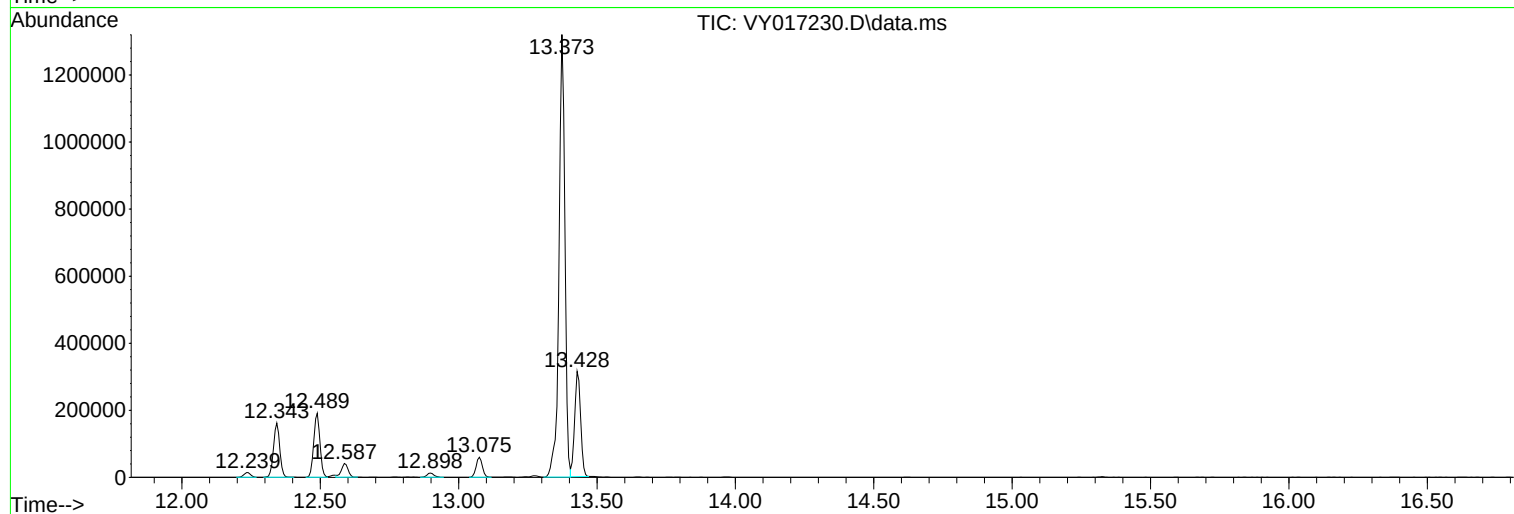
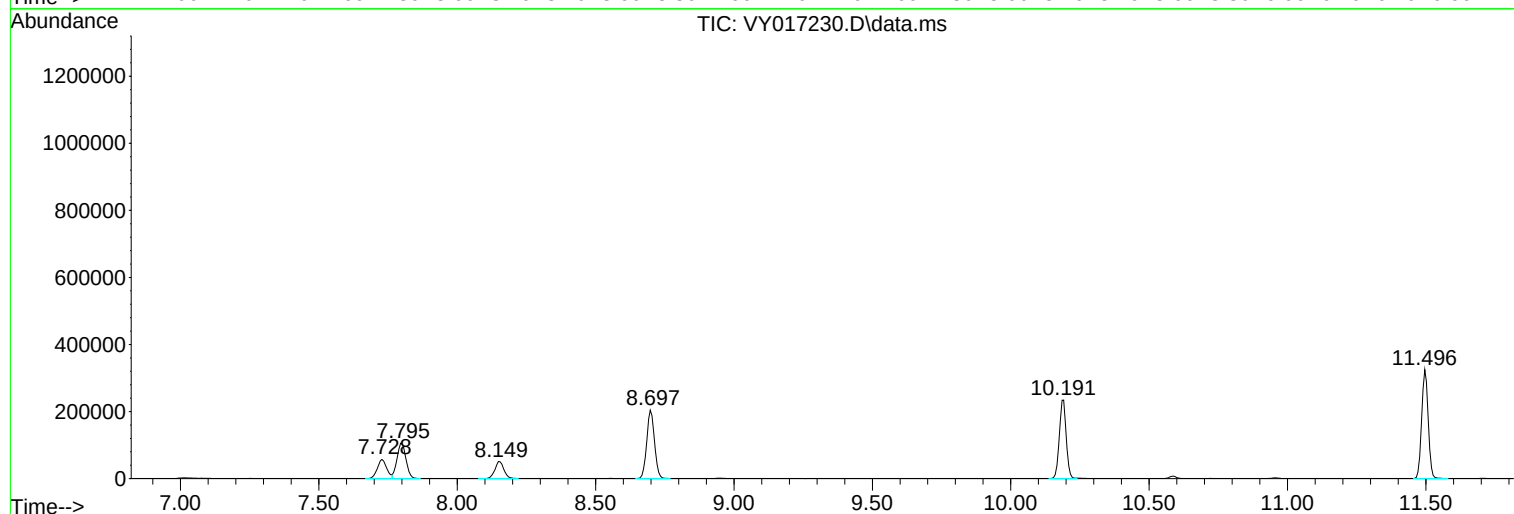
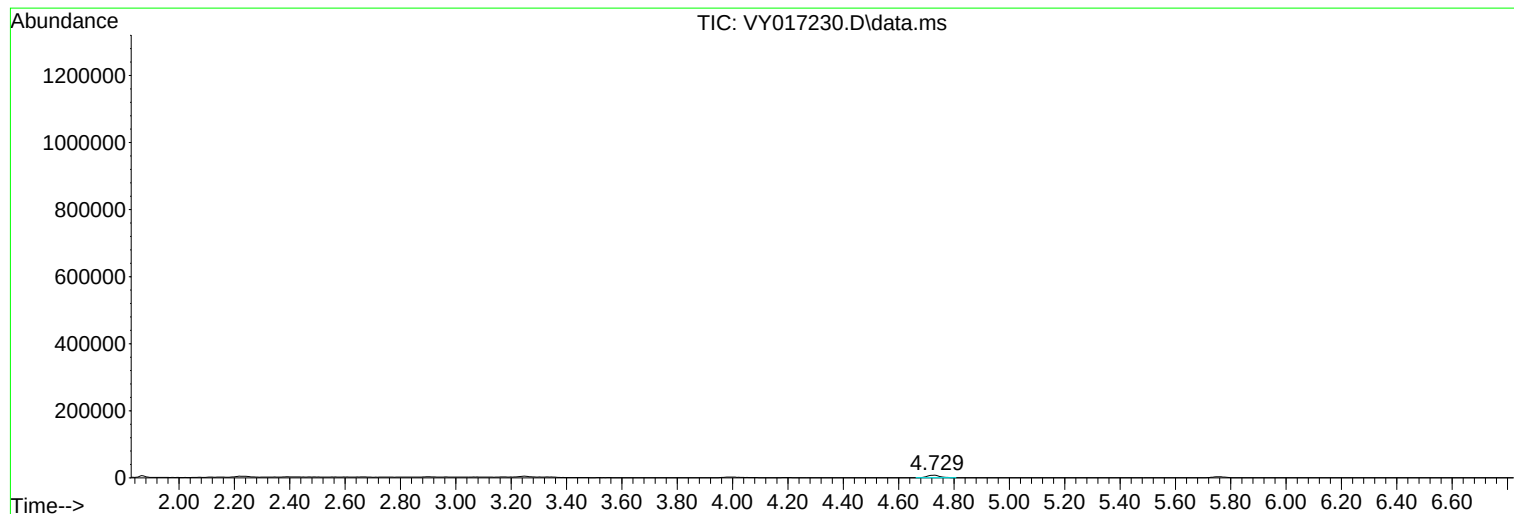
Sum of corrected areas: 5035844

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Instrument :  
MSVOA\_Y  
ClientSampleId :  
EB-7-5-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020124S.M  
Quant Title : SW846 8260

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



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ClientSampleId :  
EB-7-5-7

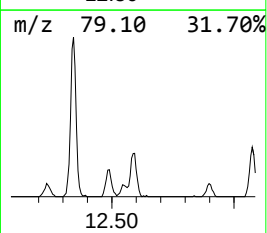
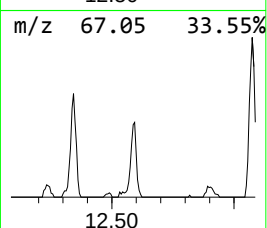
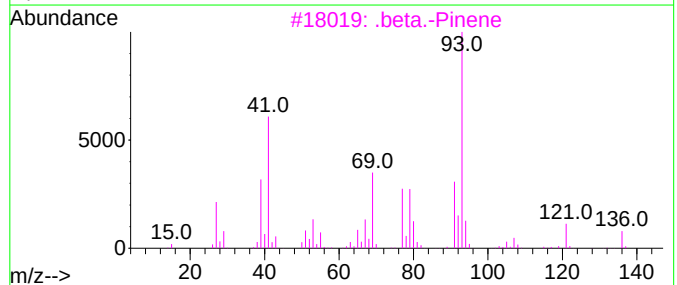
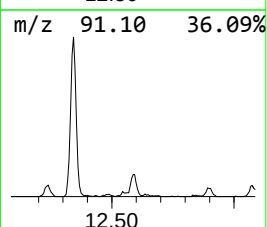
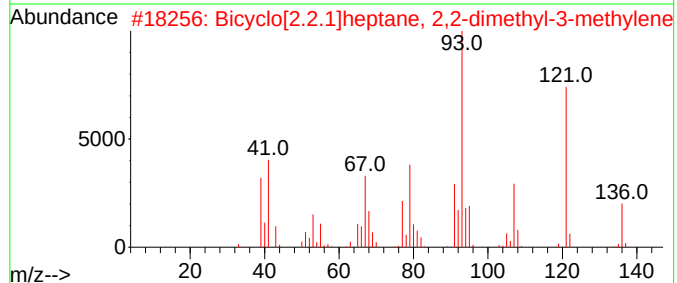
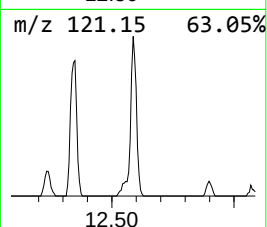
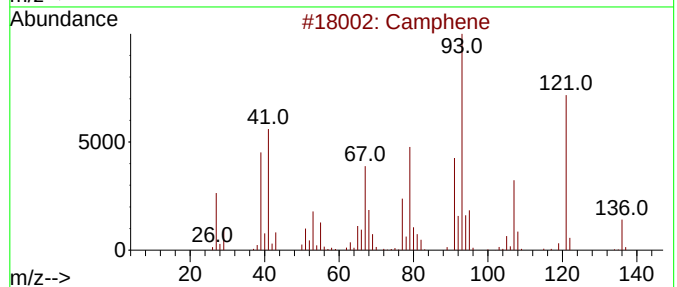
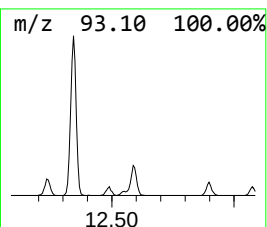
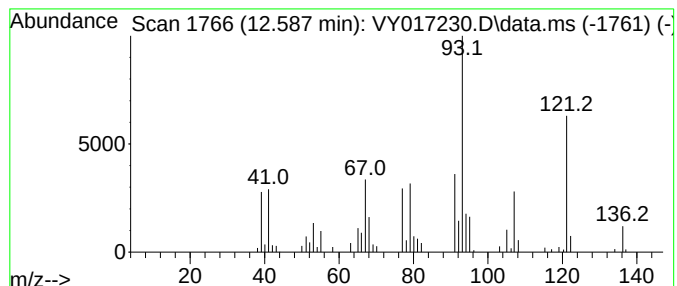
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020124S.M  
Quant Title : SW846 8260

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

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Peak Number 2 Camphene Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.587 | 7.23 ug/l | 67975 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Camphene                            | 136 | C10H16  | 000079-92-5 | 94   |
| 2    |    |   | Bicyclo[2.2.1]heptane, 2,2-dimet... | 136 | C10H16  | 005794-04-7 | 91   |
| 3    |    |   | .beta.-Pinene                       | 136 | C10H16  | 000127-91-3 | 83   |
| 4    |    |   | (+)-4-Carene                        | 136 | C10H16  | 029050-33-7 | 81   |
| 5    |    |   | Bicyclo[2.2.1]hept-2-ene, 1,7,7-... | 136 | C10H16  | 000464-17-5 | 81   |



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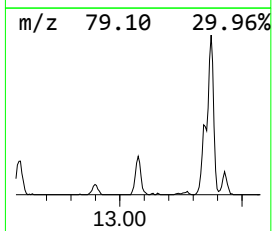
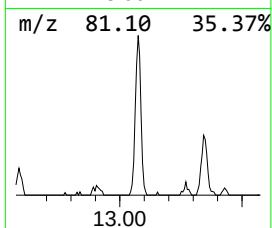
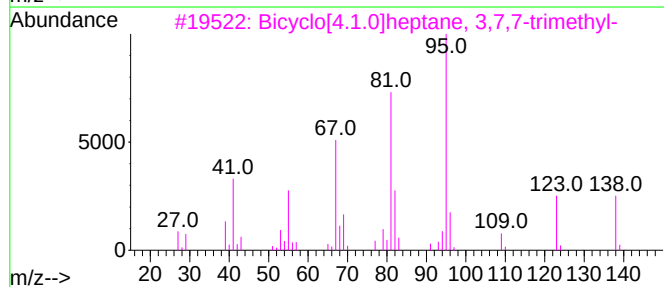
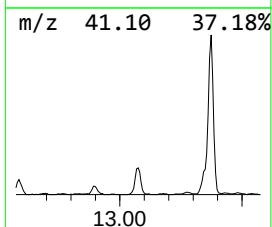
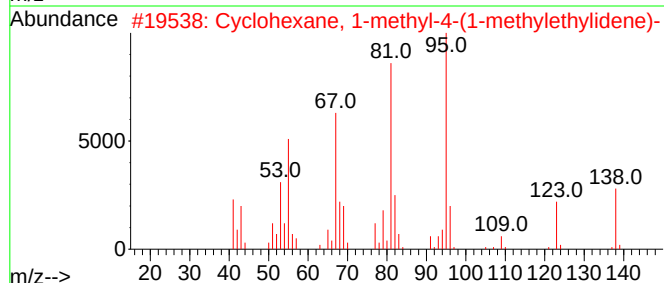
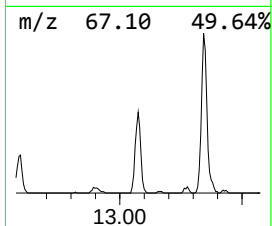
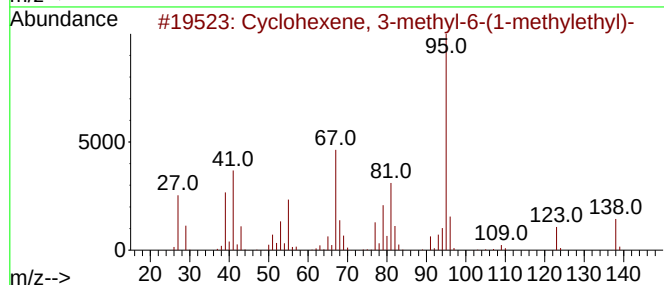
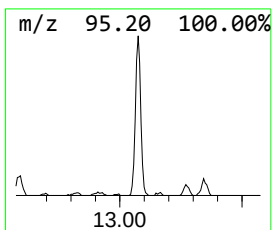
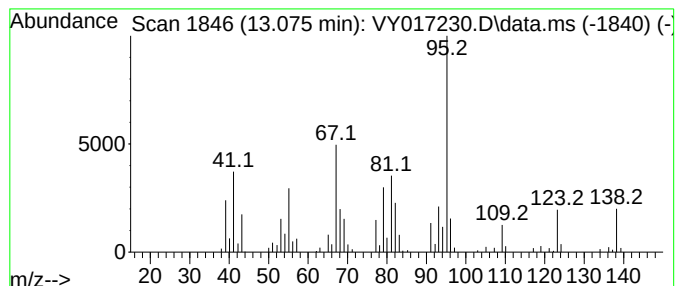
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Peak Number 3 Cyclohexene, 3-methyl-6-(1-... Concentration Rank 1

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.075 | 9.99 ug/l | 93979 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexene, 3-methyl-6-(1-methy... | 138 | C10H18  | 005256-65-5 | 93   |
| 2    |    |   | Cyclohexane, 1-methyl-4-(1-methy... | 138 | C10H18  | 001124-27-2 | 91   |
| 3    |    |   | Bicyclo[4.1.0]heptane, 3,7,7-tri... | 138 | C10H18  | 000554-59-6 | 91   |
| 4    |    |   | Cyclohexene, 4-methyl-1-(1-methy... | 138 | C10H18  | 000500-00-5 | 87   |
| 5    |    |   | 4-Acetyl-1-methylcyclohexene        | 138 | C9H14O  | 006090-09-1 | 87   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Camphene           | 12.587 | 7.2     | ug/l  | 67975    | 4                     | 13.428 | 470233 | 50.0 |
| Cyclohexene, 3-... | 13.075 | 10.0    | ug/l  | 93979    | 4                     | 13.428 | 470233 | 50.0 |