

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY031623\  
 Data File : VY012972.D  
 Acq On : 16 Mar 2023 15:40  
 Operator : KP/MD  
 Sample : 01932-17  
 Misc : 8.07g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 JPP-6C-031423

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\82Y030223S.M  
 Title : SW846 8260

Signal : TIC: VY012972.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         | 4.710       | 465           | 474         | 488          | rBV3     | 12506          | 39312         | 9.37%           | 1.633%        |
| 2         | 7.716       | 958           | 967         | 973          | rBV      | 63015          | 152218        | 36.28%          | 6.321%        |
| 3         | 7.789       | 973           | 979         | 989          | rVB      | 102702         | 227873        | 54.31%          | 9.463%        |
| 4         | 8.143       | 1028          | 1037        | 1050         | rBV      | 63877          | 143835        | 34.28%          | 5.973%        |
| 5         | 8.691       | 1117          | 1127        | 1139         | rBV      | 154392         | 306884        | 73.14%          | 12.744%       |
| 6         | 8.886       | 1153          | 1159        | 1168         | rBV4     | 2777           | 6328          | 1.51%           | 0.263%        |
| 7         | 10.179      | 1363          | 1371        | 1379         | rBV      | 248455         | 419598        | 100.00%         | 17.425%       |
| 8         | 11.490      | 1578          | 1586        | 1598         | rBV      | 226741         | 359826        | 85.75%          | 14.943%       |
| 9         | 12.483      | 1742          | 1749        | 1758         | rBV      | 170906         | 259684        | 61.89%          | 10.784%       |
| 10        | 13.123      | 1848          | 1854        | 1859         | rBV2     | 3298           | 4906          | 1.17%           | 0.204%        |
| 11        | 13.422      | 1897          | 1903        | 1912         | rVB      | 198945         | 315673        | 75.23%          | 13.109%       |
| 12        | 13.629      | 1932          | 1937        | 1941         | rBV2     | 4859           | 7464          | 1.78%           | 0.310%        |
| 13        | 13.965      | 1986          | 1992        | 1999         | rVB2     | 2687           | 4737          | 1.13%           | 0.197%        |
| 14        | 14.684      | 2102          | 2110        | 2115         | rBV4     | 4733           | 7494          | 1.79%           | 0.311%        |
| 15        | 15.233      | 2194          | 2200        | 2207         | rBV      | 44440          | 77760         | 18.53%          | 3.229%        |
| 16        | 16.294      | 2366          | 2374        | 2381         | rBV2     | 16562          | 33576         | 8.00%           | 1.394%        |
| 17        | 16.489      | 2397          | 2406        | 2413         | rBV2     | 19961          | 40828         | 9.73%           | 1.696%        |

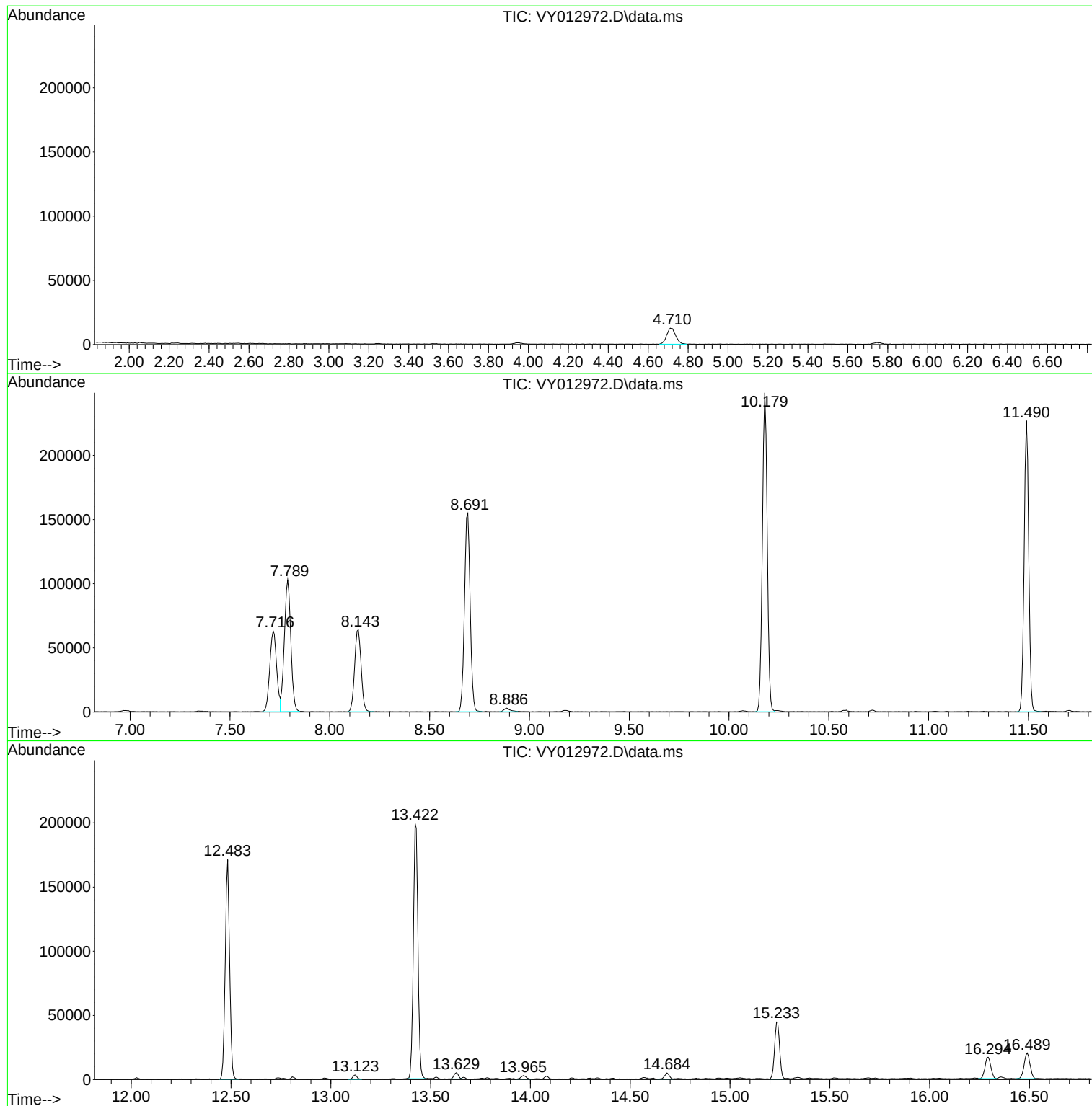
Sum of corrected areas: 2407996

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030223S.M  
Quant Title : SW846 8260

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



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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
JPP-6C-031423

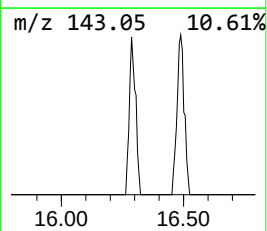
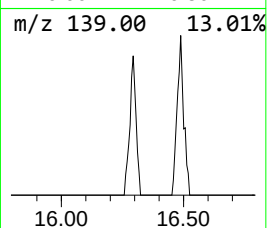
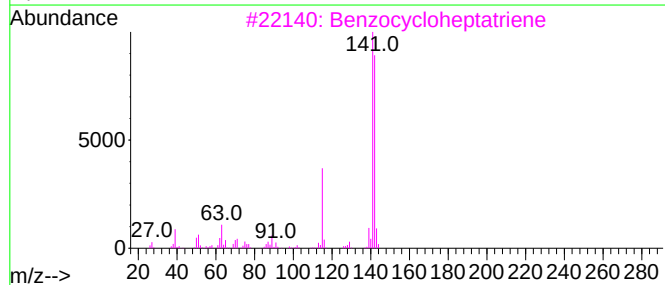
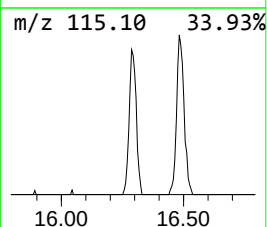
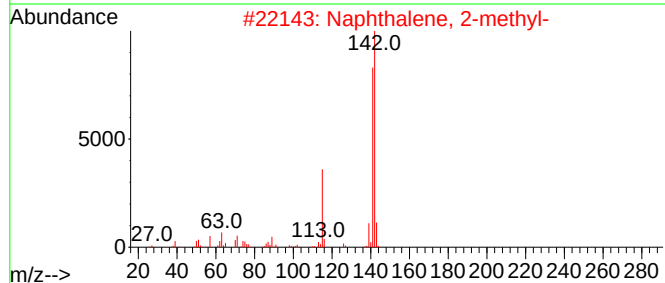
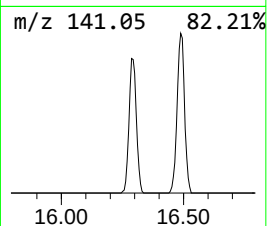
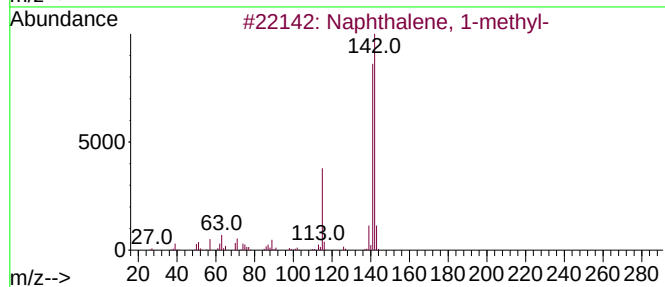
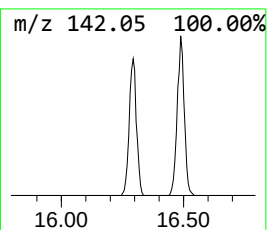
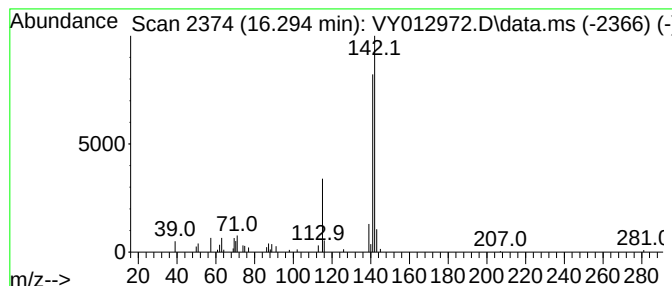
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030223S.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzocycloheptatriene Concentration Rank 3

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.294 | 5.32 ug/l | 33576 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 97   |
| 2    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 97   |
| 3    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 4    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 78   |
| 5    |    |   | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10  | 002443-46-1 | 64   |



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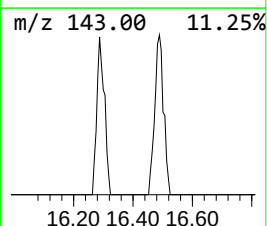
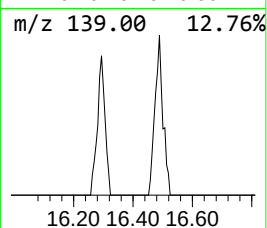
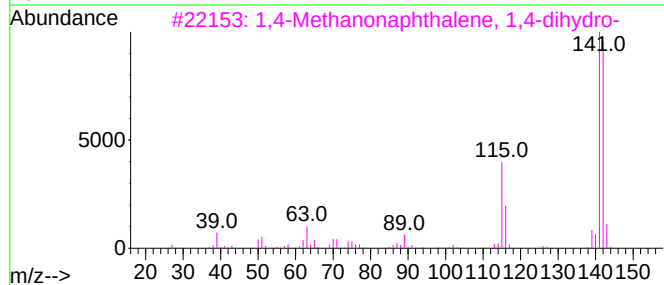
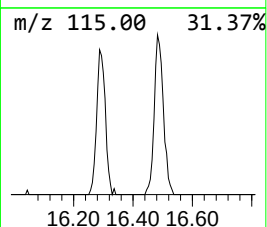
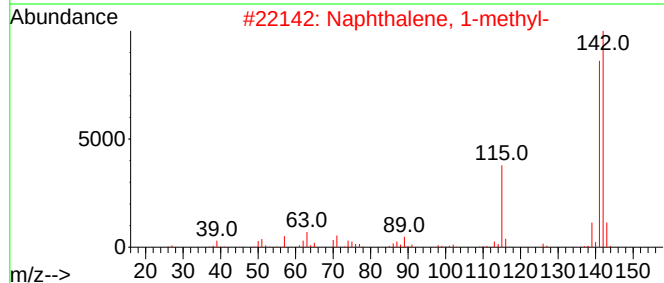
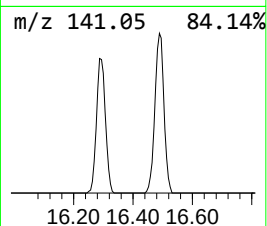
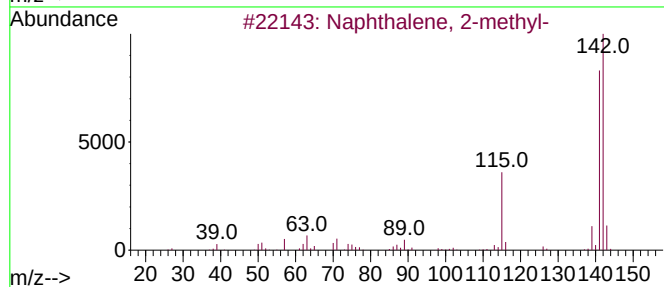
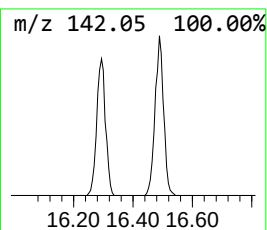
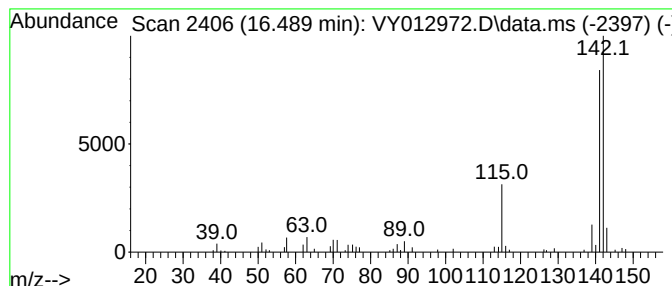
TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.489 | 6.47 ug/l | 40828 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 95   |
| 2    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 95   |
| 3    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 91   |
| 4    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 90   |
| 5    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 59   |



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TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzocyclohepta... | 16.294 | 5.3     | ug/l  | 33576    | 4                     | 13.428 | 315673 | 50.0 |
| 1,4-Methanonaph... | 16.489 | 6.5     | ug/l  | 40828    | 4                     | 13.428 | 315673 | 50.0 |