

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040524\  
 Data File : VY017872.D  
 Acq On : 05 Apr 2024 15:41  
 Operator : SY/MD  
 Sample : P1995-01  
 Misc : 4.56g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 280648

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\82Y032924S.M

Title : SW846 8260

Signal : TIC: VY017872.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         | 7.728       | 957           | 969         | 975          | rBV2     | 107473         | 258760        | 3.83%           | 2.219%        |
| 2         | 7.801       | 975           | 981         | 994          | rVB      | 163381         | 371392        | 5.50%           | 3.185%        |
| 3         | 8.155       | 1028          | 1039        | 1047         | rBV      | 93071          | 207305        | 3.07%           | 1.778%        |
| 4         | 8.697       | 1120          | 1128        | 1140         | rBV      | 286768         | 557159        | 8.25%           | 4.778%        |
| 5         | 10.191      | 1366          | 1373        | 1381         | rBV      | 447915         | 773229        | 11.45%          | 6.630%        |
| 6         | 11.502      | 1582          | 1588        | 1602         | rVB      | 408260         | 684791        | 10.14%          | 5.872%        |
| 7         | 12.495      | 1745          | 1751        | 1758         | rBV2     | 302681         | 524600        | 7.77%           | 4.498%        |
| 8         | 13.434      | 1900          | 1905        | 1928         | rVB      | 361483         | 738736        | 10.94%          | 6.335%        |
| 9         | 14.282      | 2032          | 2044        | 2068         | rVB2     | 1956749        | 6753886       | 100.00%         | 57.914%       |
| 10        | 14.965      | 2147          | 2156        | 2165         | rVB      | 204900         | 561020        | 8.31%           | 4.811%        |
| 11        | 15.269      | 2199          | 2206        | 2213         | rBV2     | 89235          | 230955        | 3.42%           | 1.980%        |

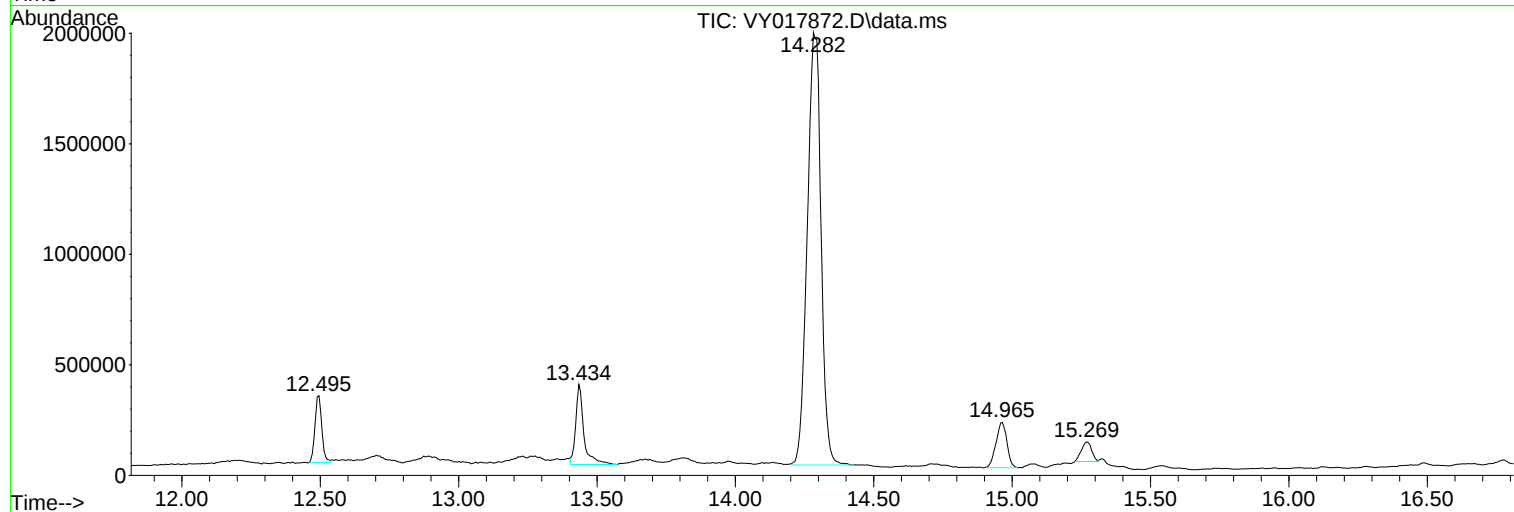
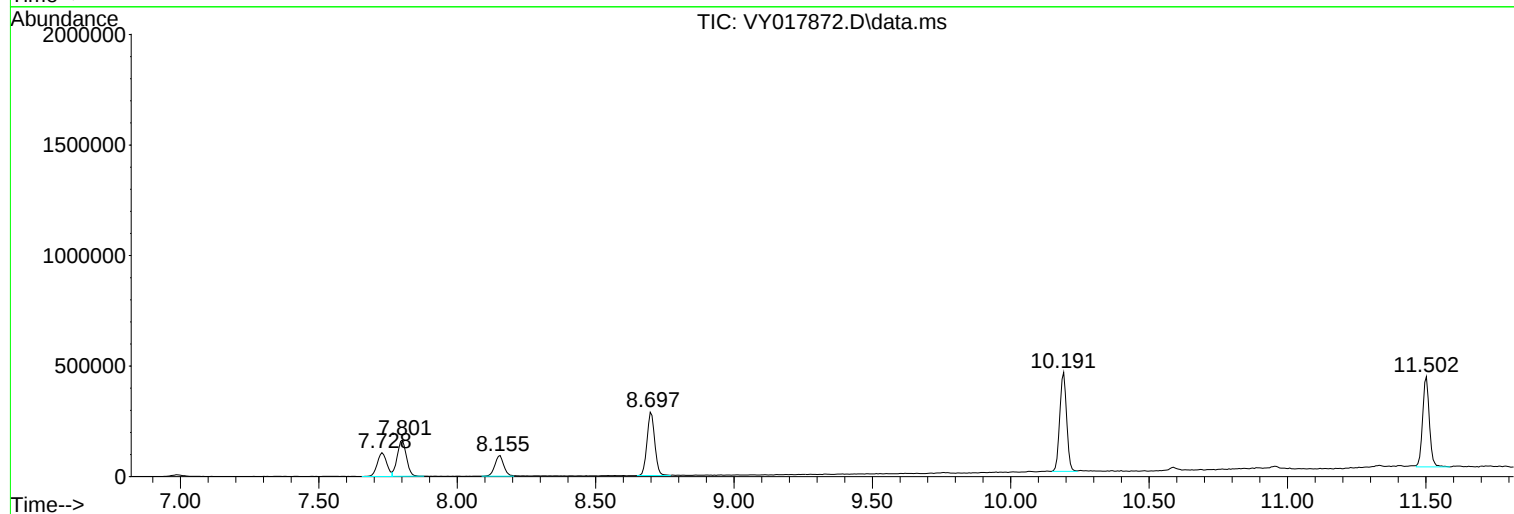
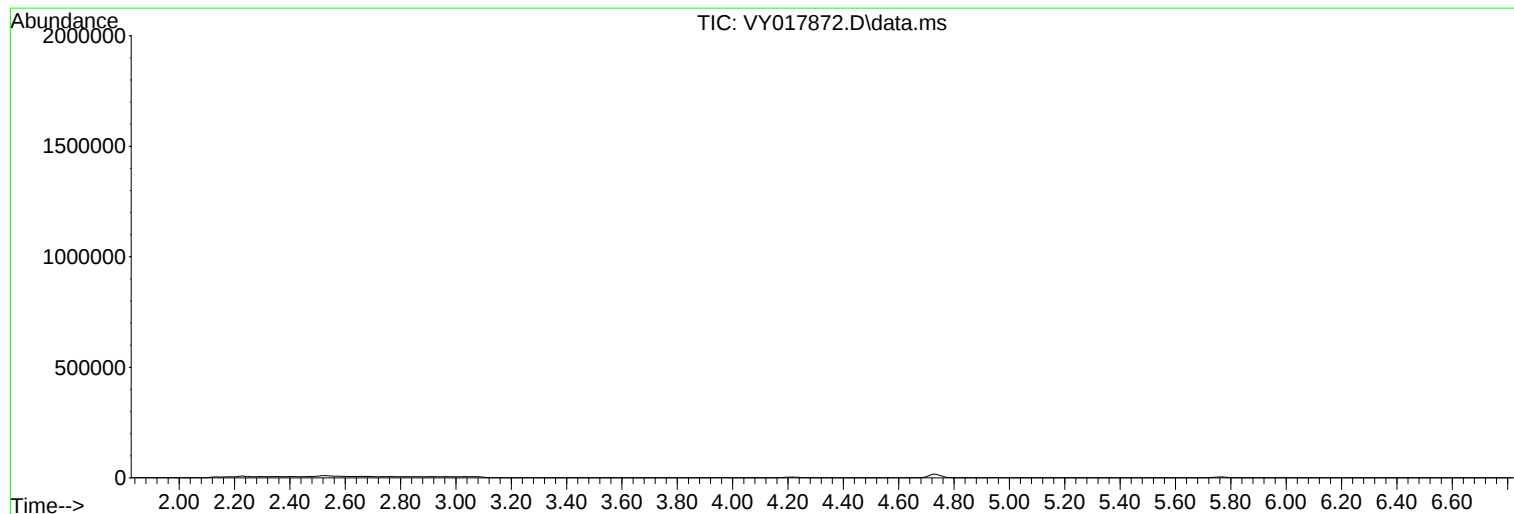
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MSVOA\_Y  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032924S.M  
Quant Title : SW846 8260

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



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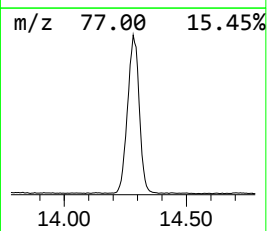
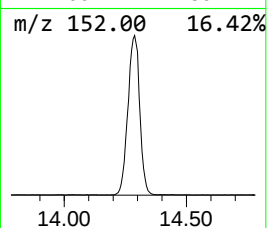
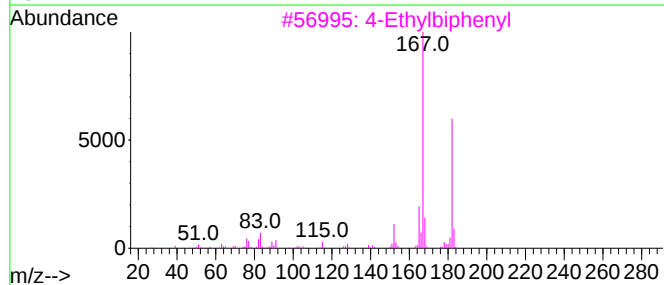
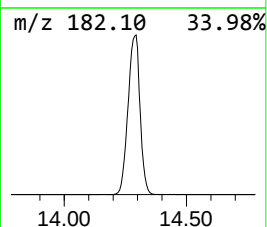
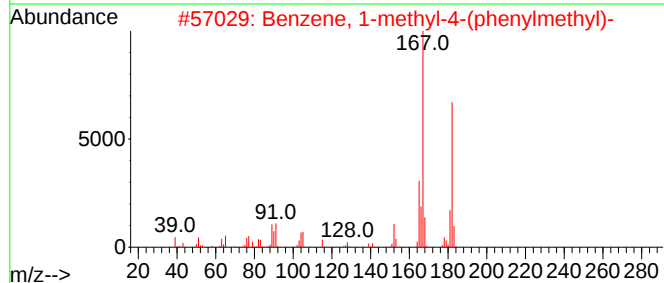
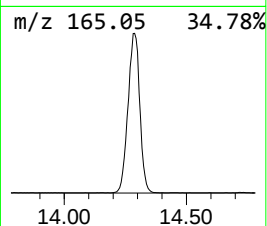
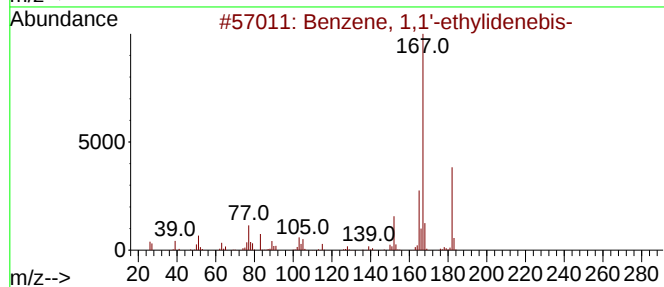
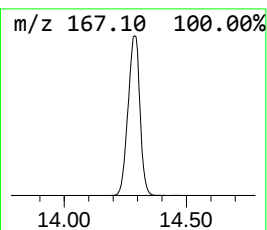
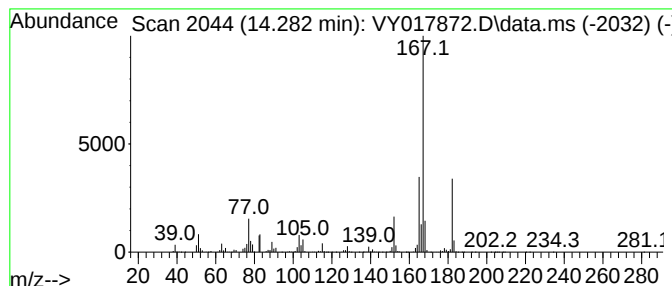
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzene, 1,1'-ethylidenebis- Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.282 | 457.12 ug/l | 6753890 | 1,4-Dichlorobenzene-d4 | 13.434 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Benzene, 1,1'-ethylidenebis-        | 182 | C14H14     | 000612-00-0  | 97   |
| 2    |    |   | Benzene, 1-methyl-4-(phenylmethyl)- | 182 | C14H14     | 000620-83-7  | 80   |
| 3    |    |   | 4-Ethylbiphenyl                     | 182 | C14H14     | 005707-44-8  | 74   |
| 4    |    |   | Adrafinil                           | 289 | C15H15NO3S | 063547-13-7  | 68   |
| 5    |    |   | 1,2-Diphenylethyl isothiocyanate    | 239 | C15H13NS   | 1010134-54-2 | 64   |



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Instrument :  
MSVOA\_Y  
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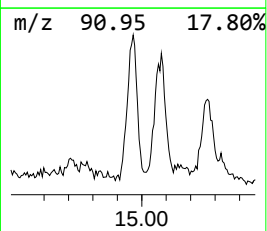
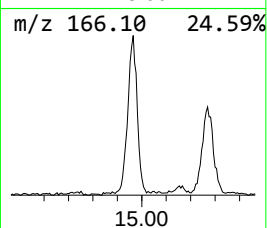
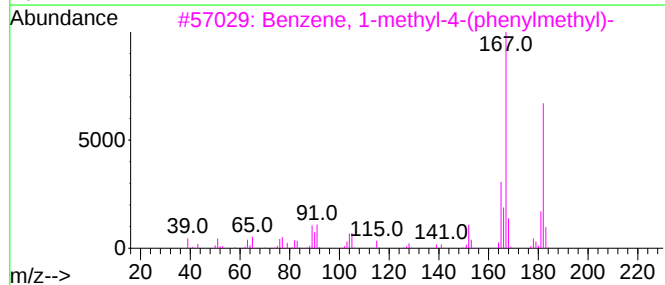
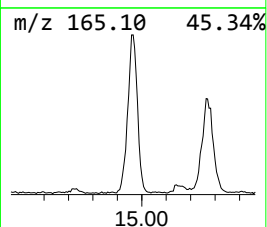
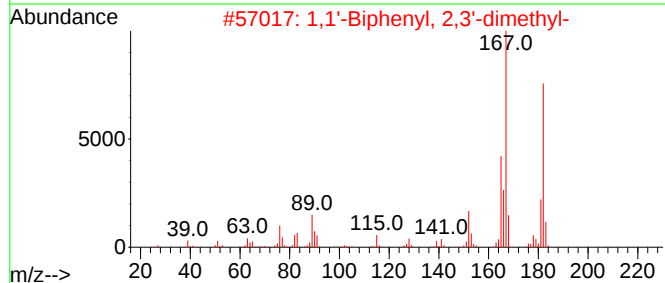
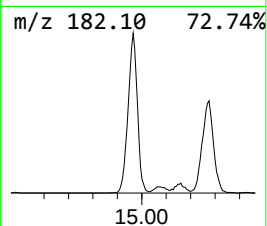
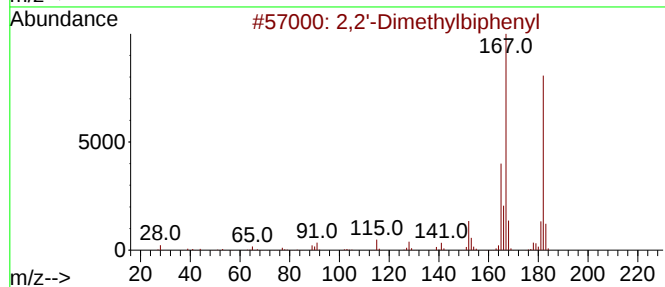
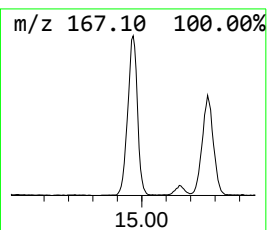
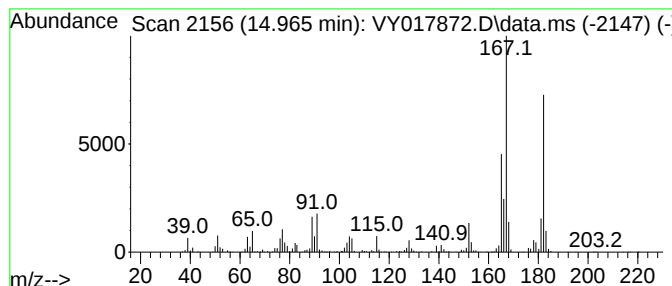
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032924S.M  
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 2,2'-Dimethylbiphenyl Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.964 | 37.97 ug/l | 561020 | 1,4-Dichlorobenzene-d4 | 13.434 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2,2'-Dimethylbiphenyl               | 182 | C14H14  | 000605-39-0 | 98   |
| 2    |    |   | 1,1'-Biphenyl, 2,3'-dimethyl-       | 182 | C14H14  | 000611-43-8 | 97   |
| 3    |    |   | Benzene, 1-methyl-4-(phenylmethyl)- | 182 | C14H14  | 000620-83-7 | 96   |
| 4    |    |   | 1,1'-Biphenyl, 2,4'-dimethyl-       | 182 | C14H14  | 000611-61-0 | 94   |
| 5    |    |   | Benzene, 1-methyl-2-(phenylmethyl)- | 182 | C14H14  | 000713-36-0 | 93   |



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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
280648

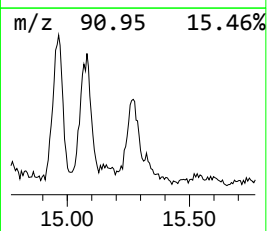
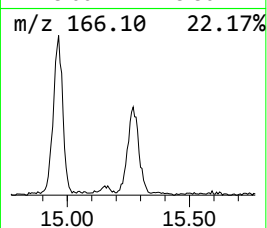
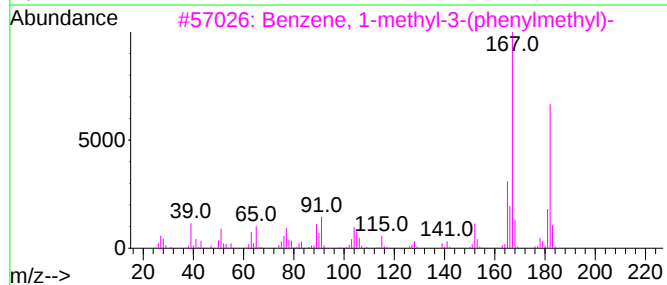
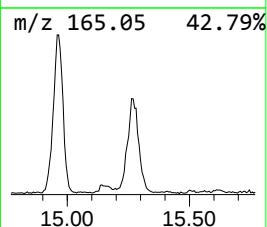
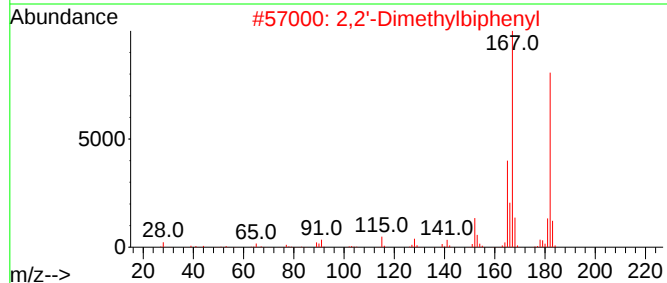
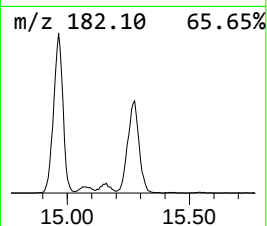
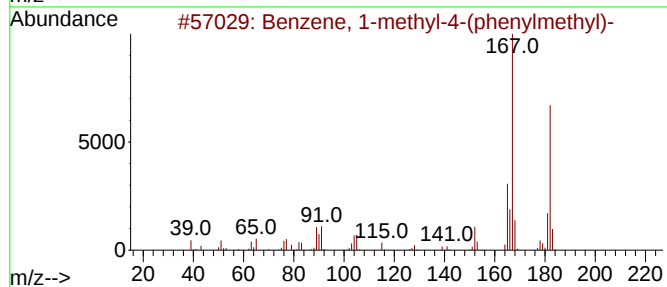
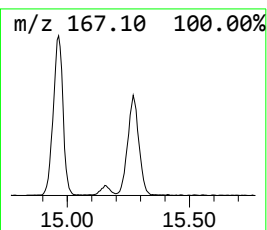
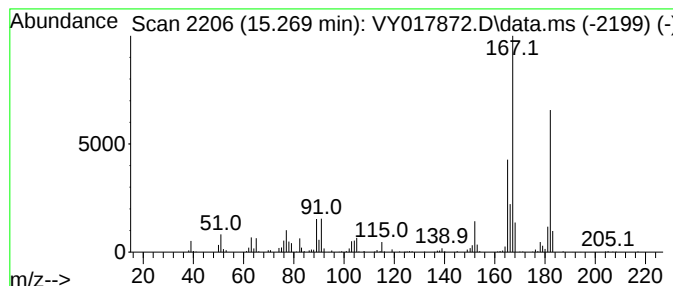
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032924S.M  
Quant Title : SW846 8260

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

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Peak Number 3 Benzene, 1-methyl-4-(phenyl... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.269 | 15.63 ug/l | 230955 | 1,4-Dichlorobenzene-d4 | 13.434 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-4-(phenylmethyl)- | 182 | C14H14  | 000620-83-7 | 96   |
| 2    |    |   | 2,2'-Dimethylbiphenyl               | 182 | C14H14  | 000605-39-0 | 94   |
| 3    |    |   | Benzene, 1-methyl-3-(phenylmethyl)- | 182 | C14H14  | 000620-47-3 | 91   |
| 4    |    |   | 1,1'-Biphenyl, 2,3'-dimethyl-       | 182 | C14H14  | 000611-43-8 | 86   |
| 5    |    |   | Benzene, 1-methyl-2-(phenylmethyl)- | 182 | C14H14  | 000713-36-0 | 83   |



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ALS Vial : 14 Sample Multiplier: 1

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MSVOA\_Y  
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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzene, 1,1'-e... | 14.282 | 457.1   | ug/l  | 6753890  | 4                     | 13.434 | 738736 | 50.0 |
| 2,2'-Dimethylbi... | 14.964 | 38.0    | ug/l  | 561020   | 4                     | 13.434 | 738736 | 50.0 |
| Benzene, 1-meth... | 15.269 | 15.6    | ug/l  | 230955   | 4                     | 13.434 | 738736 | 50.0 |