

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052622\  
 Data File : VD073399.D  
 Acq On : 26 May 2022 20:25  
 Operator : VA/SY  
 Sample : N3074-02  
 Misc : 5.05G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VOC

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\_D\Method\82D051922S.M  
 Title : SW846 8260

Signal : TIC: VD073399.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         | 4.956       | 508           | 516         | 528          | rVB5     | 16091          | 51721         | 4.51%           | 0.711%        |
| 2         | 5.179       | 545           | 554         | 565          | rVB3     | 12558          | 45457         | 3.97%           | 0.625%        |
| 3         | 7.191       | 887           | 896         | 906          | rVB      | 29577          | 78335         | 6.83%           | 1.077%        |
| 4         | 7.908       | 1009          | 1018        | 1023         | rBV      | 165030         | 386992        | 33.77%          | 5.322%        |
| 5         | 7.973       | 1023          | 1029        | 1039         | rVB      | 266792         | 586699        | 51.19%          | 8.068%        |
| 6         | 8.326       | 1075          | 1089        | 1098         | rBV2     | 160880         | 405470        | 35.38%          | 5.576%        |
| 7         | 8.855       | 1170          | 1179        | 1188         | rBV      | 400308         | 784587        | 68.46%          | 10.789%       |
| 8         | 10.332      | 1423          | 1430        | 1441         | rBV      | 617593         | 1102040       | 96.15%          | 15.155%       |
| 9         | 10.714      | 1487          | 1495        | 1503         | rVB3     | 21242          | 38605         | 3.37%           | 0.531%        |
| 10        | 11.073      | 1550          | 1556        | 1564         | rBV2     | 29726          | 52831         | 4.61%           | 0.727%        |
| 11        | 11.638      | 1644          | 1652        | 1663         | rVB      | 634806         | 1106049       | 96.50%          | 15.210%       |
| 12        | 12.620      | 1812          | 1819        | 1828         | rVB      | 531918         | 863494        | 75.34%          | 11.874%       |
| 13        | 12.938      | 1867          | 1873        | 1878         | rBV9     | 7917           | 17005         | 1.48%           | 0.234%        |
| 14        | 13.326      | 1931          | 1939        | 1940         | rBV7     | 6589           | 12605         | 1.10%           | 0.173%        |
| 15        | 13.361      | 1940          | 1945        | 1952         | rVB6     | 8240           | 23773         | 2.07%           | 0.327%        |
| 16        | 13.561      | 1972          | 1979        | 1987         | rVB      | 705356         | 1146133       | 100.00%         | 15.761%       |
| 17        | 14.549      | 2139          | 2147        | 2150         | rBV7     | 8353           | 21484         | 1.87%           | 0.295%        |
| 18        | 14.973      | 2208          | 2219        | 2231         | rBV4     | 87844          | 316232        | 27.59%          | 4.349%        |
| 19        | 15.532      | 2310          | 2314        | 2321         | rVB9     | 9137           | 20674         | 1.80%           | 0.284%        |
| 20        | 15.696      | 2331          | 2342        | 2359         | rBV      | 53940          | 198702        | 17.34%          | 2.732%        |
| 21        | 16.467      | 2471          | 2473        | 2479         | rVB6     | 8432           | 12990         | 1.13%           | 0.179%        |

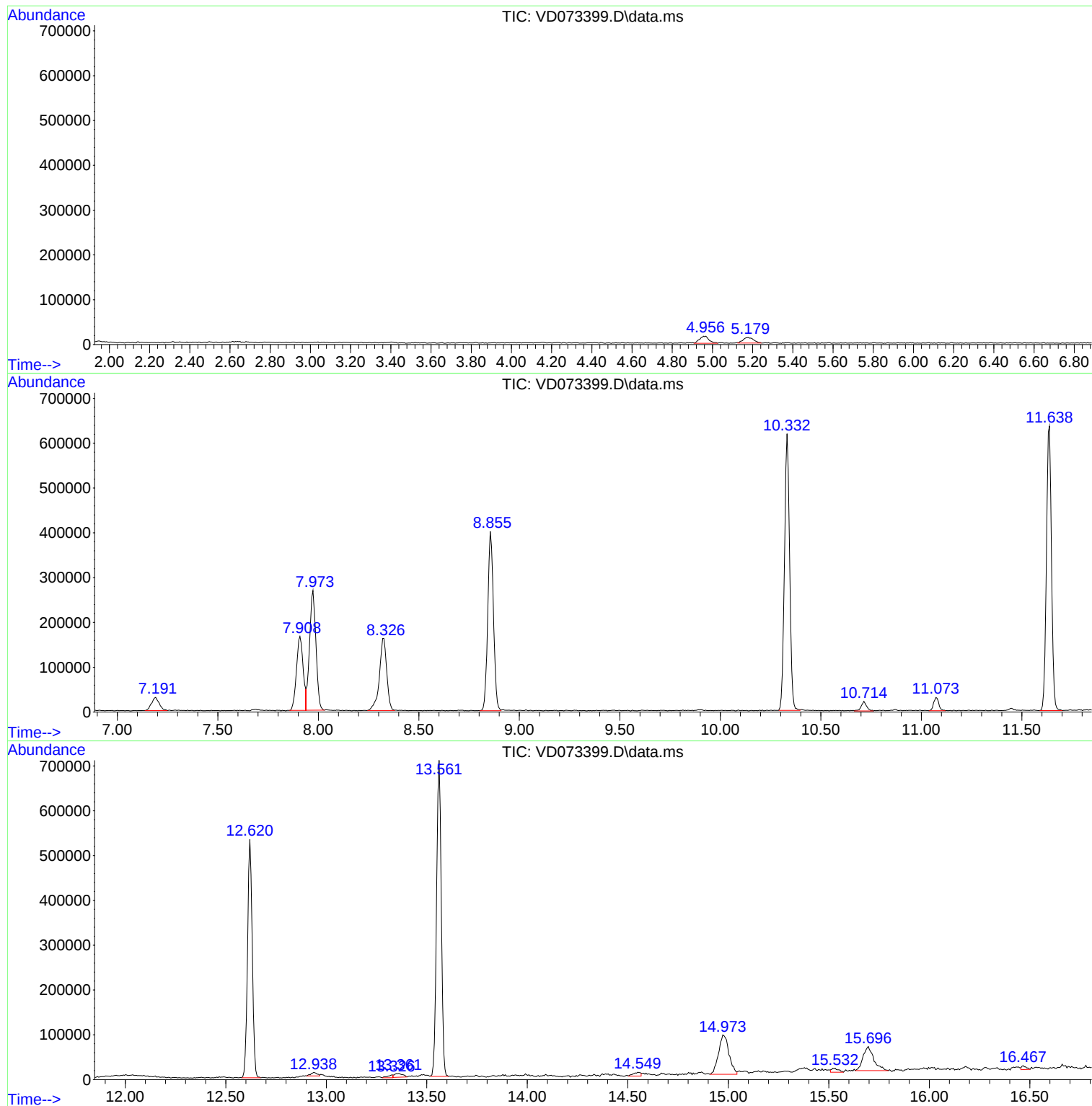
Sum of corrected areas: 7271878

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Instrument :  
MSVOA\_D  
ClientSampleId :  
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
Quant Title : SW846 8260

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



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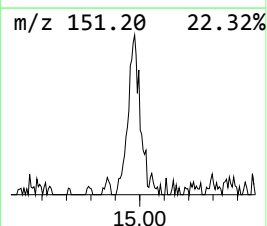
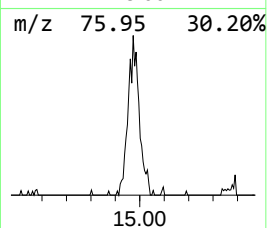
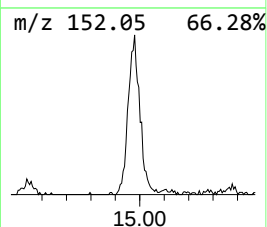
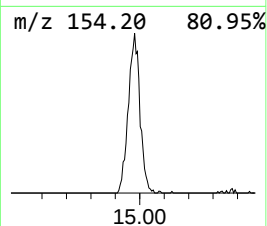
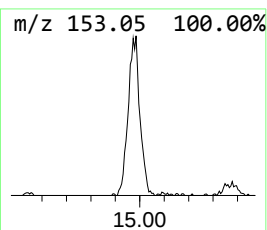
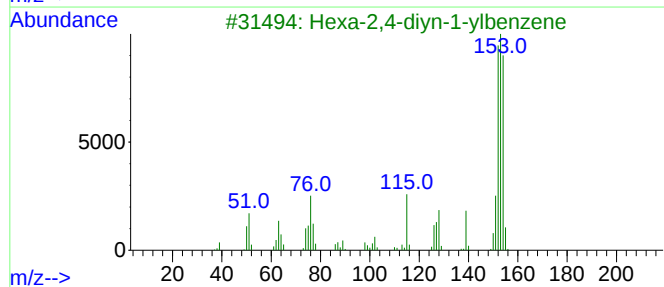
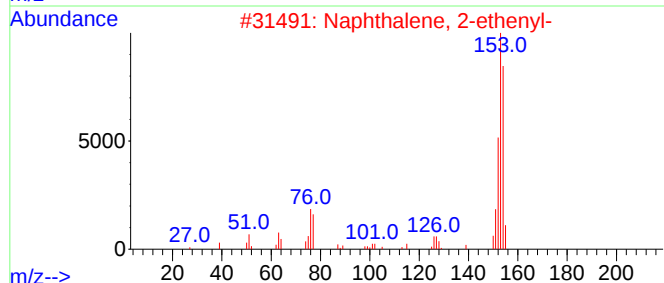
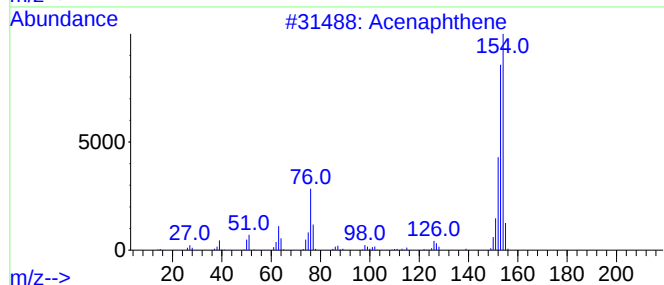
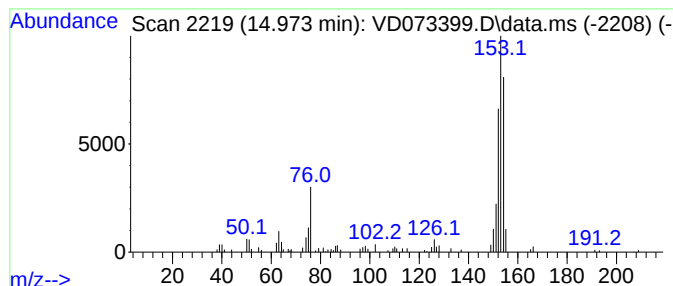
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Naphthalene, 2-ethenyl- Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.973 | 13.80 ug/l | 316232 | 1,4-Dichlorobenzene-d4 | 13.561 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Acenaphthene                 | 154 | C12H10  | 000083-32-9 | 76   |
| 2    |    |   | Naphthalene, 2-ethenyl-      | 154 | C12H10  | 000827-54-3 | 62   |
| 3    |    |   | Hexa-2,4-diyne-1-ylbenzene   | 154 | C12H10  | 000520-74-1 | 58   |
| 4    |    |   | 3-Fluoro-para-anisaldehyde   | 154 | C8H7FO2 | 000351-54-2 | 47   |
| 5    |    |   | 2,4,6-Trihydroxybenzaldehyde | 154 | C7H6O4  | 000487-70-7 | 47   |



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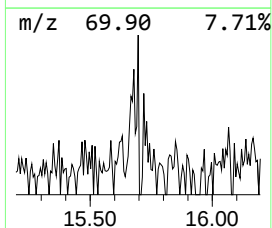
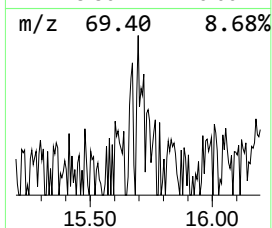
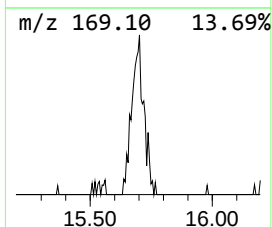
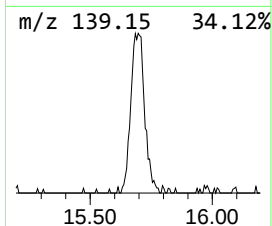
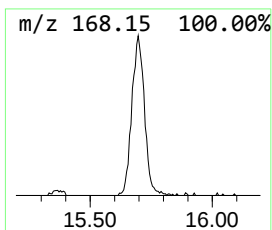
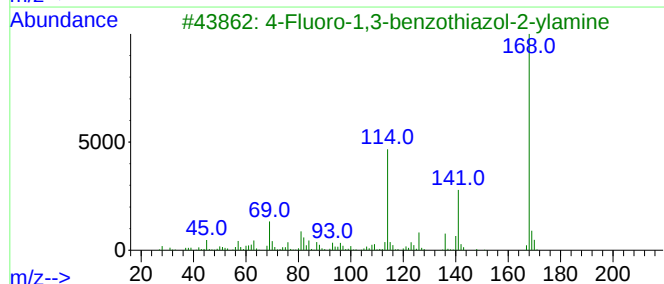
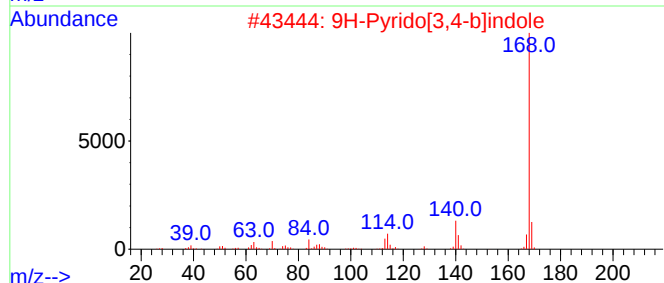
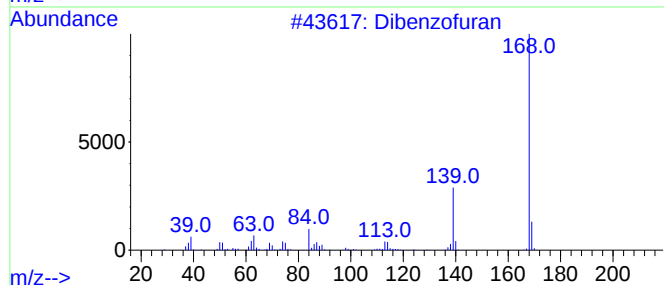
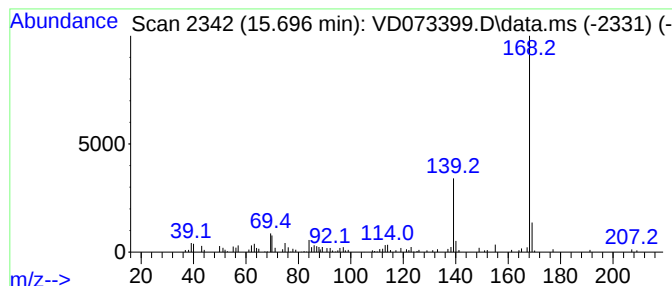
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Peak Number 3 9H-Pyrido[3,4-b]indole Concentration Rank 2

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 15.696 | 8.67 ug/l | 198702 | 1,4-Dichlorobenzene-d4 | 13.561 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Dibenzofuran                        | 168 | C12H8O    | 000132-64-9  | 90   |
| 2    |    |   | 9H-Pyrido[3,4-b]indole              | 168 | C11H8N2   | 000244-63-3  | 59   |
| 3    |    |   | 4-Fluoro-1,3-benzothiazol-2-ylamine | 168 | C7H5FN2S  | 020358-06-9  | 53   |
| 4    |    |   | 3,6-Diazahomoadamantan-9-ol         | 168 | C9H16N2O  | 138023-21-9  | 52   |
| 5    |    |   | l-Isoleucine, n-propargyloxycarb... | 339 | C19H33NO4 | 1000328-13-9 | 50   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Naphthalene, 2-... | 14.973 | 13.8    | ug/l  | 316232   | 4                     | 13.561 | 1146130 | 50.0 |
| 9H-Pyrido[3,4-b... | 15.696 | 8.7     | ug/l  | 198702   | 4                     | 13.561 | 1146130 | 50.0 |