

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071221\  
 Data File : VX023249.D  
 Acq On : 12 Jul 2021 18:09  
 Operator : JC/MD  
 Sample : M3015-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RED-FRAC-TANK

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\_X\Method\82X070221W.M  
 Title : SW846 8260

Signal : TIC: VX023249.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         | 2.385       | 208           | 213         | 222          | rVB      | 10012          | 16558         | 1.48%           | 0.236%        |
| 2         | 4.586       | 562           | 574         | 587          | rBV4     | 9001           | 30747         | 2.75%           | 0.438%        |
| 3         | 5.397       | 695           | 707         | 722          | rBV2     | 131309         | 378048        | 33.83%          | 5.379%        |
| 4         | 5.562       | 722           | 734         | 748          | rBV2     | 232092         | 660574        | 59.11%          | 9.399%        |
| 5         | 5.964       | 788           | 800         | 814          | rBV      | 145240         | 385681        | 34.51%          | 5.488%        |
| 6         | 6.769       | 921           | 932         | 947          | rBV      | 356748         | 837112        | 74.91%          | 11.911%       |
| 7         | 8.653       | 1234          | 1241        | 1249         | rBV      | 717300         | 1117476       | 100.00%         | 15.901%       |
| 8         | 10.055      | 1465          | 1471        | 1481         | rBV      | 701585         | 1013572       | 90.70%          | 14.422%       |
| 9         | 10.305      | 1509          | 1512        | 1518         | rVB5     | 6262           | 11222         | 1.00%           | 0.160%        |
| 10        | 10.591      | 1549          | 1559        | 1565         | rBV4     | 7773           | 17946         | 1.61%           | 0.255%        |
| 11        | 10.780      | 1578          | 1590        | 1595         | rBV4     | 13371          | 23779         | 2.13%           | 0.338%        |
| 12        | 10.866      | 1595          | 1604        | 1607         | rBV4     | 8299           | 14110         | 1.26%           | 0.201%        |
| 13        | 11.085      | 1634          | 1640        | 1645         | rBV      | 601503         | 747826        | 66.92%          | 10.641%       |
| 14        | 11.128      | 1645          | 1647        | 1653         | rVV2     | 9508           | 12668         | 1.13%           | 0.180%        |
| 15        | 11.225      | 1653          | 1663        | 1671         | rVB3     | 10533          | 18871         | 1.69%           | 0.269%        |
| 16        | 11.615      | 1722          | 1727        | 1735         | rVB4     | 7958           | 13828         | 1.24%           | 0.197%        |
| 17        | 11.865      | 1762          | 1768        | 1770         | rBV2     | 8666           | 13307         | 1.19%           | 0.189%        |
| 18        | 11.896      | 1770          | 1773        | 1779         | rVB      | 13004          | 17211         | 1.54%           | 0.245%        |
| 19        | 12.024      | 1789          | 1794        | 1802         | rBV      | 692457         | 871845        | 78.02%          | 12.406%       |
| 20        | 12.250      | 1823          | 1831        | 1836         | rBV4     | 14522          | 20502         | 1.83%           | 0.292%        |
| 21        | 12.317      | 1836          | 1842        | 1850         | rVB8     | 8622           | 19383         | 1.73%           | 0.276%        |
| 22        | 12.408      | 1852          | 1857        | 1862         | rBV      | 10010          | 13401         | 1.20%           | 0.191%        |
| 23        | 12.615      | 1883          | 1891        | 1894         | rBV      | 29807          | 36406         | 3.26%           | 0.518%        |
| 24        | 12.701      | 1901          | 1905        | 1912         | rVV4     | 16819          | 29657         | 2.65%           | 0.422%        |
| 25        | 12.841      | 1921          | 1928        | 1935         | rVB      | 11479          | 18557         | 1.66%           | 0.264%        |
| 26        | 12.920      | 1935          | 1941        | 1946         | rBV2     | 15294          | 27186         | 2.43%           | 0.387%        |
| 27        | 13.292      | 1997          | 2002        | 2007         | rVB2     | 30208          | 41953         | 3.75%           | 0.597%        |
| 28        | 13.780      | 2076          | 2082        | 2090         | rVB      | 495170         | 618431        | 55.34%          | 8.800%        |

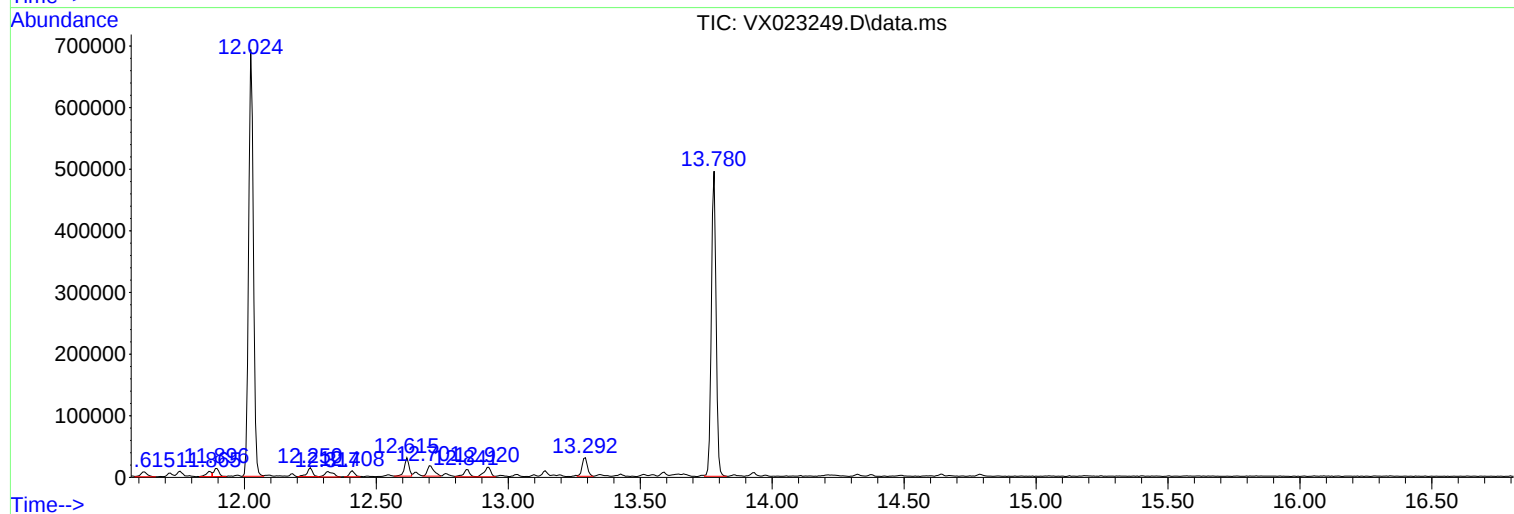
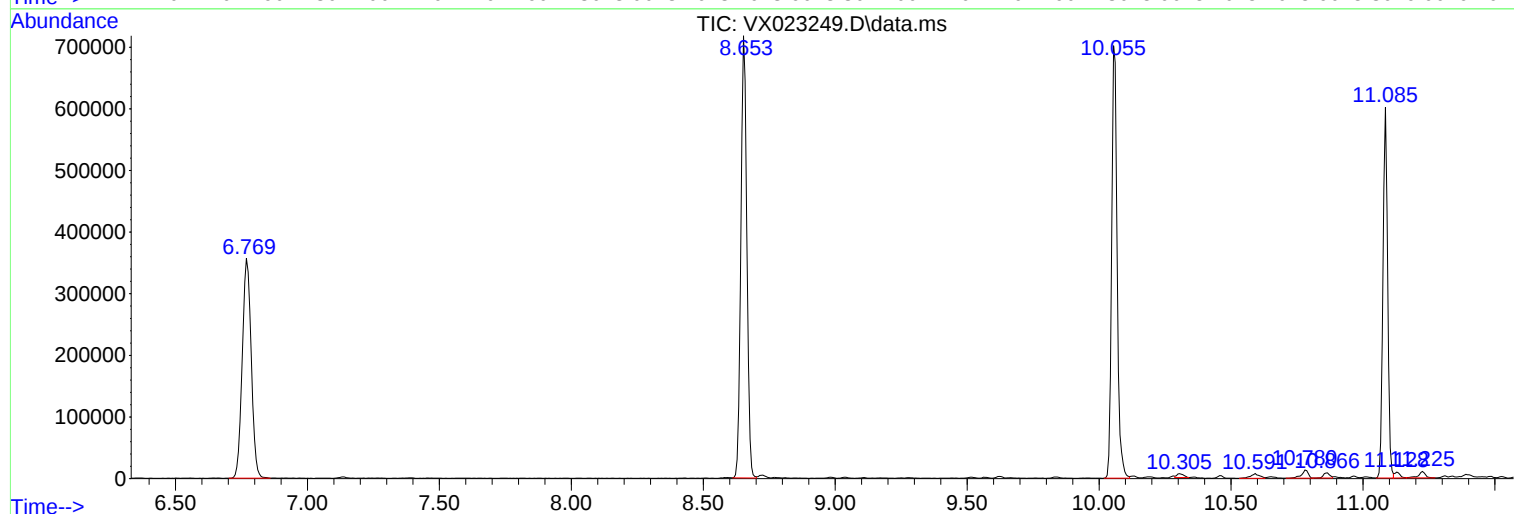
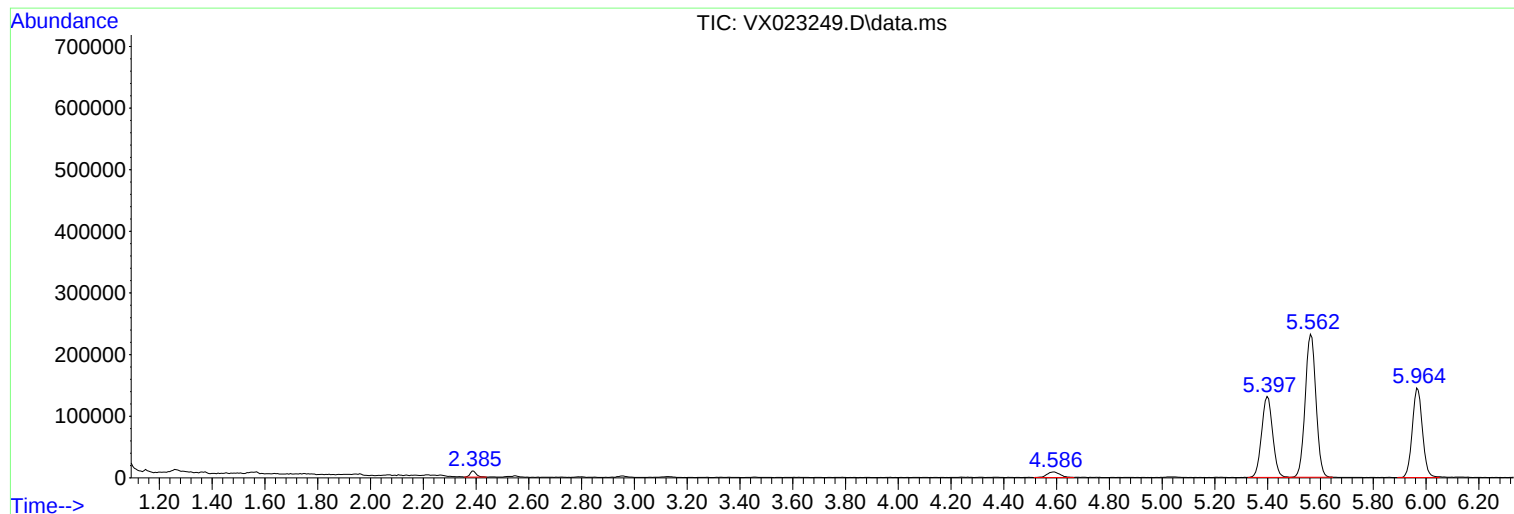
Sum of corrected areas: 7027857

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070221W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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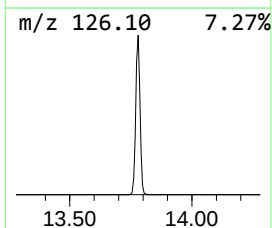
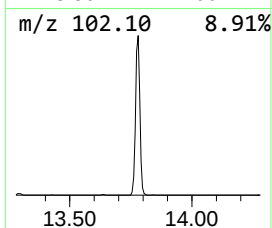
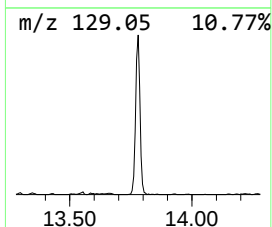
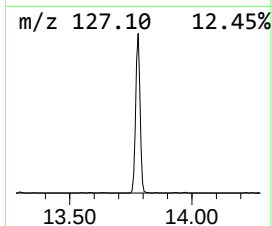
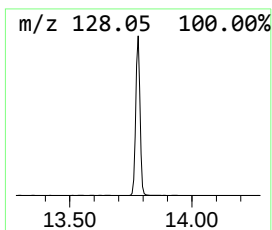
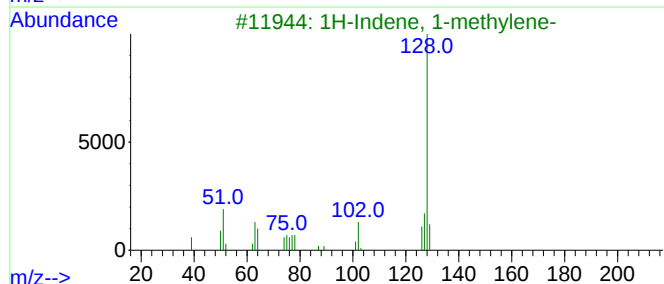
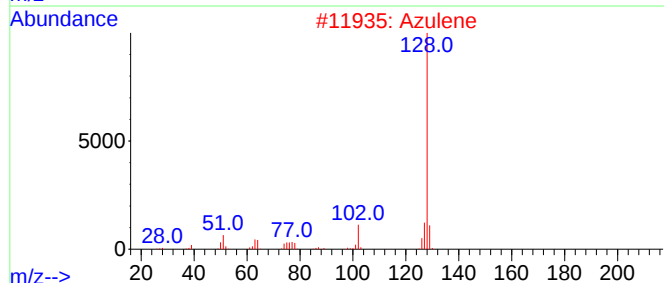
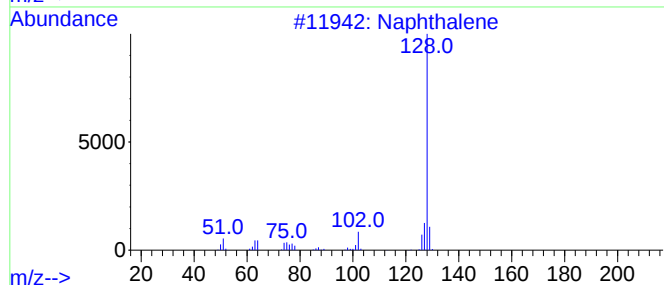
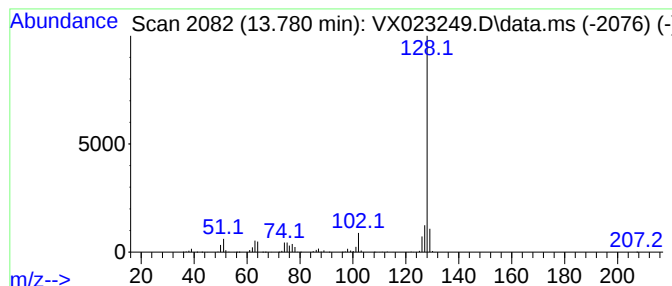
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Peak Number 1 Azulene Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.780 | 35.47 ug/l | 618431 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Naphthalene                         | 128 | C10H8     | 000091-20-3 | 95   |
| 2    |    |   | Azulene                             | 128 | C10H8     | 000275-51-4 | 94   |
| 3    |    |   | 1H-Indene, 1-methylene-             | 128 | C10H8     | 002471-84-3 | 91   |
| 4    |    |   | 4a,8a-(Methaniminomethano)naphth... | 275 | C18H13NO2 | 069915-10-2 | 78   |
| 5    |    |   | 1,3-Dicyanobenzene                  | 128 | C8H4N2    | 000626-17-5 | 59   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| Azulene          | 13.780 | 35.5    | ug/l  | 618431   | 4                     | 12.024 | 871845 | 50.0 |