

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110922\  
 Data File : VD074857.D  
 Acq On : 10 Nov 2022 06:20  
 Operator : VA/SY  
 Sample : N5537-01  
 Misc : 5.02G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 360

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\82D110222S.M  
 Title : SW846 8260

Signal : TIC: VD074857.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         | 1.728       | 18            | 24          | 36           | rBV      | 567416         | 945453        | 100.00%         | 18.893%       |
| 2         | 4.805       | 538           | 547         | 559          | rVB4     | 7385           | 21732         | 2.30%           | 0.434%        |
| 3         | 7.069       | 924           | 932         | 941          | rBV      | 11479          | 32005         | 3.39%           | 0.640%        |
| 4         | 7.811       | 1047          | 1058        | 1063         | rBV      | 98766          | 237572        | 25.13%          | 4.747%        |
| 5         | 7.881       | 1063          | 1070        | 1079         | rVB      | 180593         | 408259        | 43.18%          | 8.158%        |
| 6         | 8.234       | 1116          | 1130        | 1140         | rBV      | 70942          | 165983        | 17.56%          | 3.317%        |
| 7         | 8.781       | 1214          | 1223        | 1235         | rBV      | 283315         | 567492        | 60.02%          | 11.340%       |
| 8         | 10.269      | 1468          | 1476        | 1484         | rBV      | 305133         | 556847        | 58.90%          | 11.128%       |
| 9         | 11.581      | 1691          | 1699        | 1712         | rVB      | 366945         | 625073        | 66.11%          | 12.491%       |
| 10        | 11.793      | 1729          | 1735        | 1746         | rBV      | 15242          | 27778         | 2.94%           | 0.555%        |
| 11        | 12.122      | 1782          | 1791        | 1797         | rVB      | 9087           | 15954         | 1.69%           | 0.319%        |
| 12        | 12.575      | 1860          | 1868        | 1876         | rBV      | 212814         | 348738        | 36.89%          | 6.969%        |
| 13        | 12.763      | 1894          | 1900        | 1905         | rBV      | 18061          | 27720         | 2.93%           | 0.554%        |
| 14        | 12.828      | 1905          | 1911        | 1914         | rVV      | 76986          | 126561        | 13.39%          | 2.529%        |
| 15        | 12.857      | 1914          | 1916        | 1920         | rVV3     | 37546          | 50719         | 5.36%           | 1.014%        |
| 16        | 12.904      | 1920          | 1924        | 1930         | rVB      | 42039          | 63658         | 6.73%           | 1.272%        |
| 17        | 13.063      | 1944          | 1951        | 1957         | rBV      | 33154          | 48739         | 5.16%           | 0.974%        |
| 18        | 13.210      | 1970          | 1976        | 1983         | rVB      | 96483          | 154677        | 16.36%          | 3.091%        |
| 19        | 13.516      | 2021          | 2028        | 2040         | rVB      | 323051         | 553782        | 58.57%          | 11.066%       |
| 20        | 13.716      | 2057          | 2062        | 2067         | rBV      | 7070           | 10491         | 1.11%           | 0.210%        |
| 21        | 14.051      | 2114          | 2119        | 2125         | rVB2     | 8591           | 14958         | 1.58%           | 0.299%        |

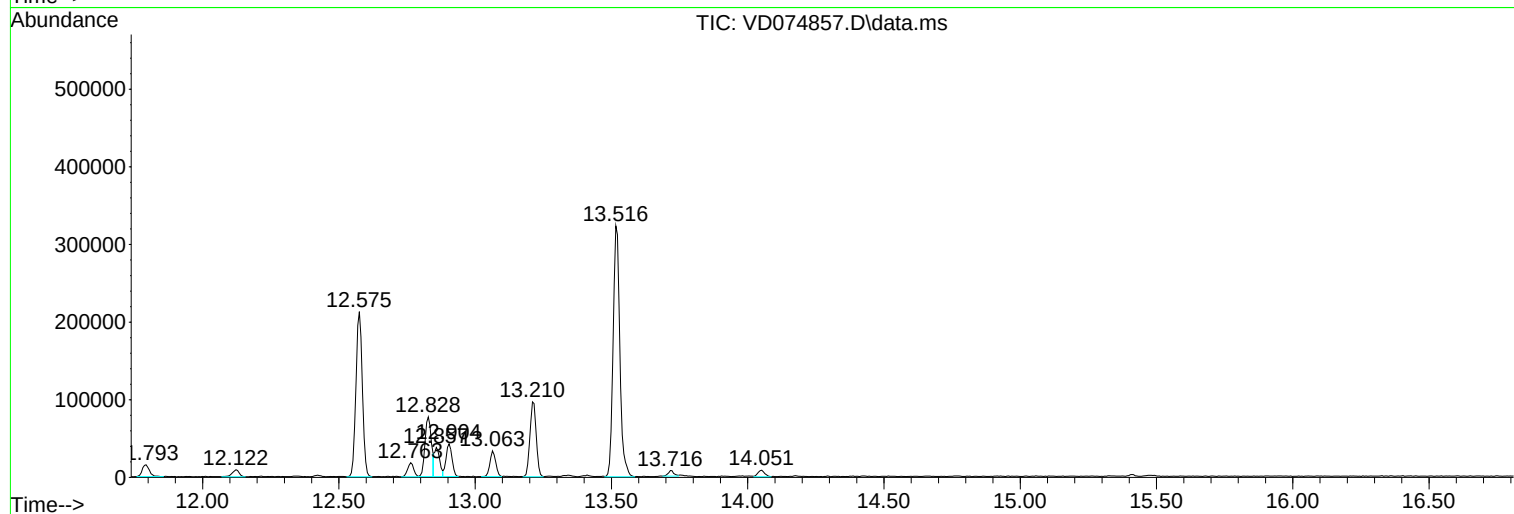
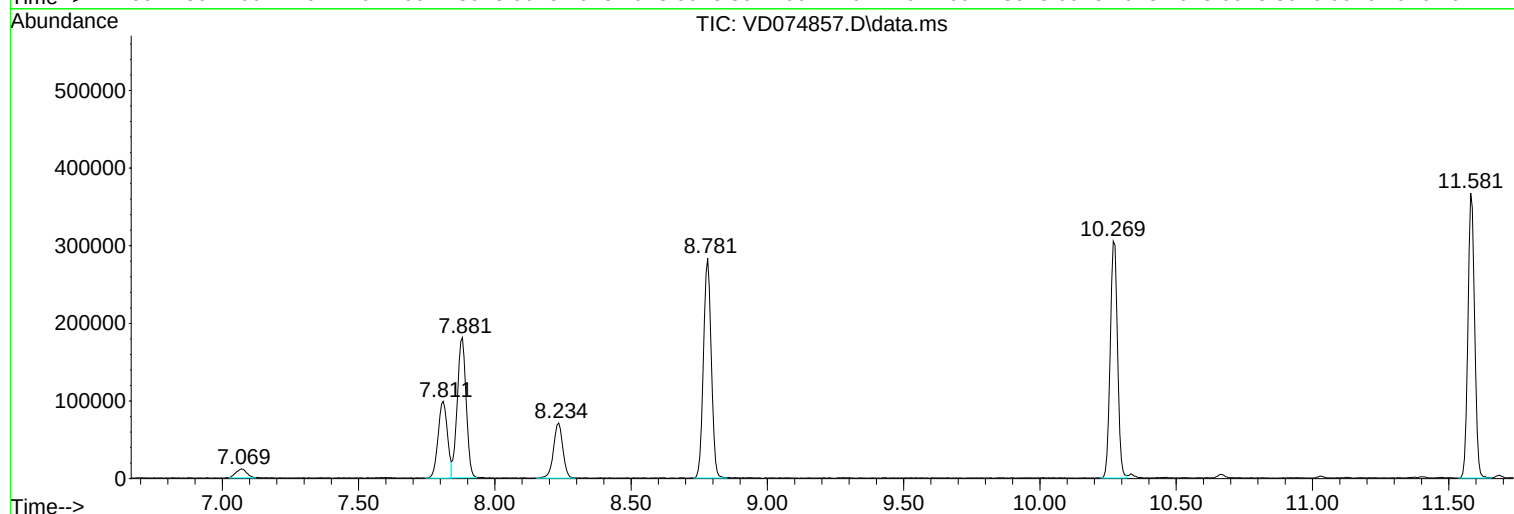
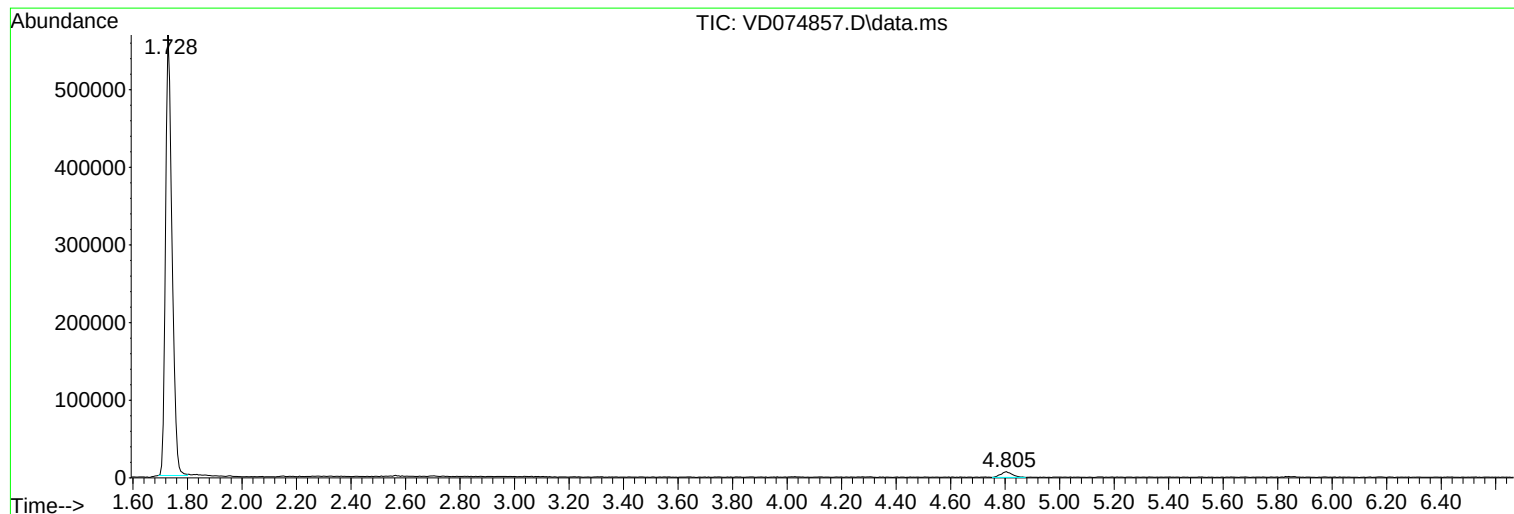
Sum of corrected areas: 5004191

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MSVOA\_D  
ClientSampleId :  
360

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110222S.M  
Quant Title : SW846 8260

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



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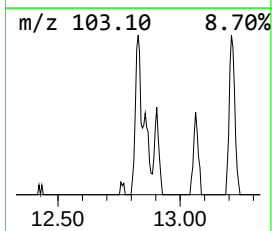
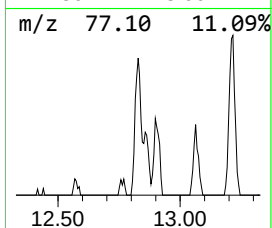
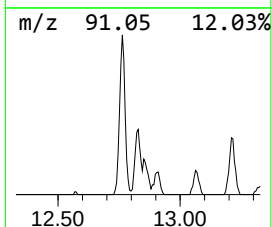
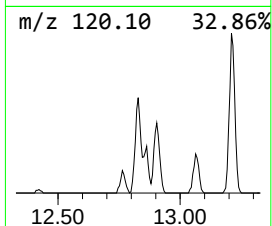
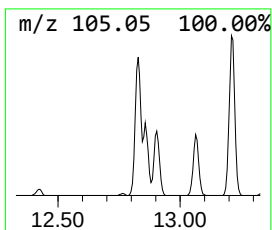
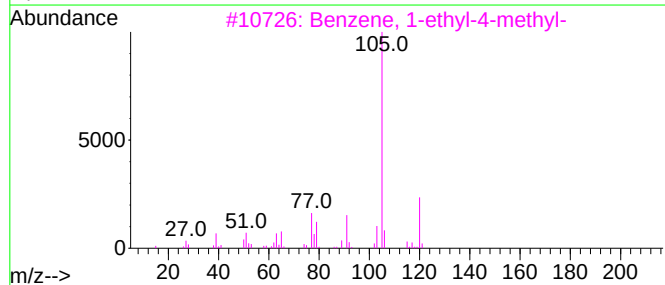
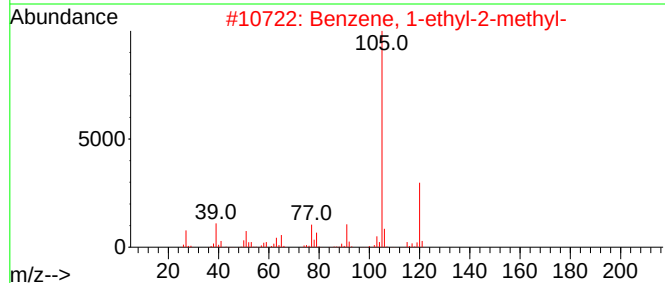
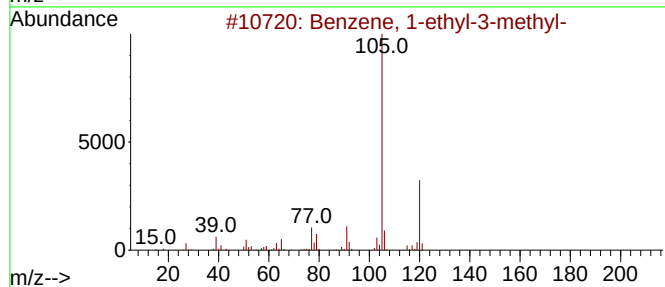
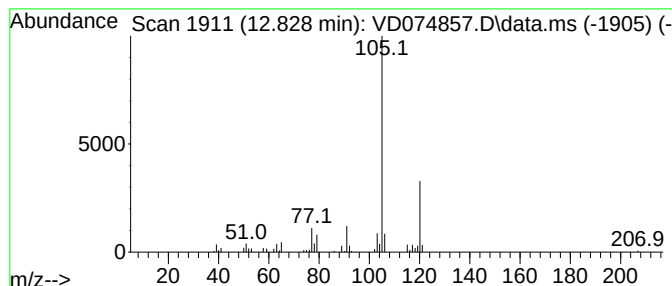
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110222S.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.828 | 11.43 ug/l | 126561 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 93   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzene, 1-ethy... | 12.828 | 11.4    | ug/l  | 126561   | 4                     | 13.516 | 553782 | 50.0 |