

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070125\  
 Data File : VX046854.D  
 Acq On : 01 Jul 2025 12:57  
 Operator : JC/MD  
 Sample : Q2455-02 500X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW3

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\82X061725W.M  
 Title : SW846 8260

Signal : TIC: VX046854.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         | 2.233       | 183           | 188         | 198          | rVB      | 9842           | 18365         | 1.52%           | 0.311%        |
| 2         | 5.397       | 693           | 707         | 724          | rBV2     | 79335          | 250705        | 20.72%          | 4.244%        |
| 3         | 5.562       | 724           | 734         | 758          | rVB2     | 130160         | 404897        | 33.46%          | 6.854%        |
| 4         | 5.964       | 790           | 800         | 810          | rBV2     | 88083          | 249184        | 20.59%          | 4.218%        |
| 5         | 6.769       | 923           | 932         | 955          | rBV      | 205436         | 531862        | 43.95%          | 9.003%        |
| 6         | 8.647       | 1234          | 1240        | 1247         | rBV      | 445801         | 734507        | 60.70%          | 12.434%       |
| 7         | 8.720       | 1247          | 1252        | 1270         | rVB      | 762000         | 1210111       | 100.00%         | 20.484%       |
| 8         | 10.055      | 1465          | 1471        | 1489         | rBV      | 444465         | 639675        | 52.86%          | 10.828%       |
| 9         | 10.195      | 1489          | 1494        | 1503         | rVV      | 63256          | 86324         | 7.13%           | 1.461%        |
| 10        | 10.299      | 1506          | 1511        | 1526         | rVB      | 207030         | 280869        | 23.21%          | 4.754%        |
| 11        | 10.640      | 1562          | 1567        | 1579         | rBV      | 87243          | 117994        | 9.75%           | 1.997%        |
| 12        | 10.963      | 1615          | 1620        | 1627         | rVB2     | 10928          | 13967         | 1.15%           | 0.236%        |
| 13        | 11.079      | 1634          | 1639        | 1651         | rBV      | 386609         | 496099        | 41.00%          | 8.398%        |
| 14        | 11.378      | 1683          | 1688        | 1696         | rVV      | 37202          | 67917         | 5.61%           | 1.150%        |
| 15        | 11.451      | 1696          | 1700        | 1712         | rVB      | 17410          | 23375         | 1.93%           | 0.396%        |
| 16        | 11.616      | 1721          | 1727        | 1733         | rBV      | 13674          | 18526         | 1.53%           | 0.314%        |
| 17        | 11.750      | 1744          | 1749        | 1759         | rBV      | 58682          | 75385         | 6.23%           | 1.276%        |
| 18        | 12.018      | 1788          | 1793        | 1800         | rBV      | 527258         | 650389        | 53.75%          | 11.010%       |
| 19        | 12.085      | 1800          | 1804        | 1812         | rVB      | 15380          | 20631         | 1.70%           | 0.349%        |
| 20        | 12.244      | 1824          | 1830        | 1834         | rBV      | 11144          | 16679         | 1.38%           | 0.282%        |

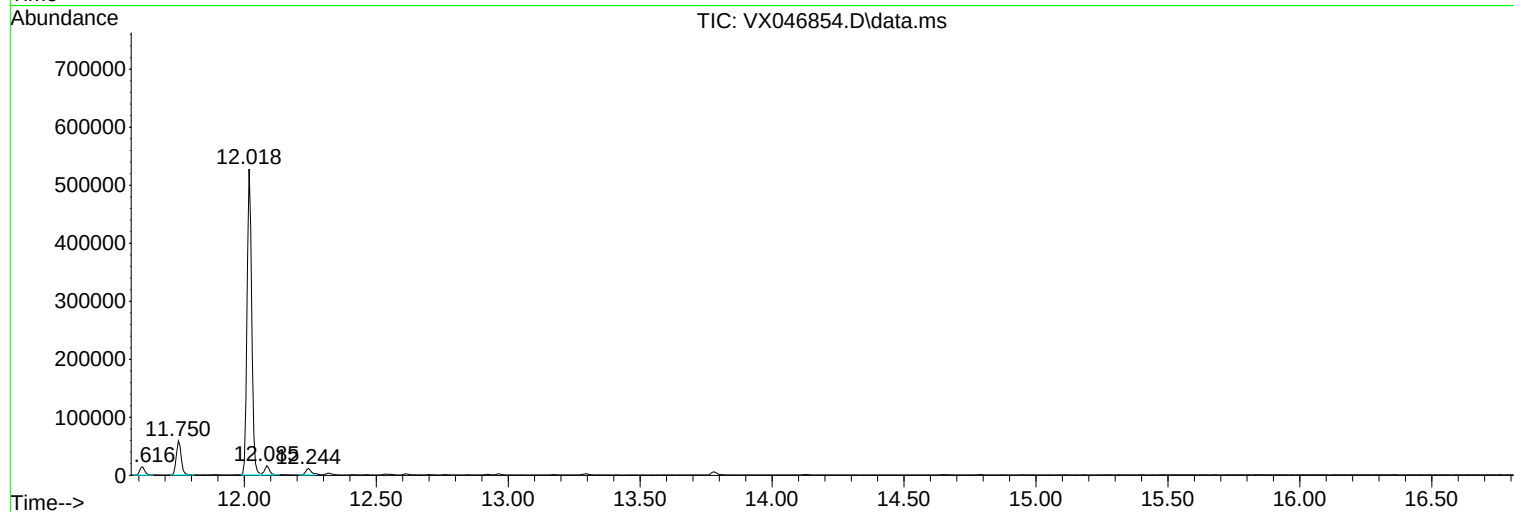
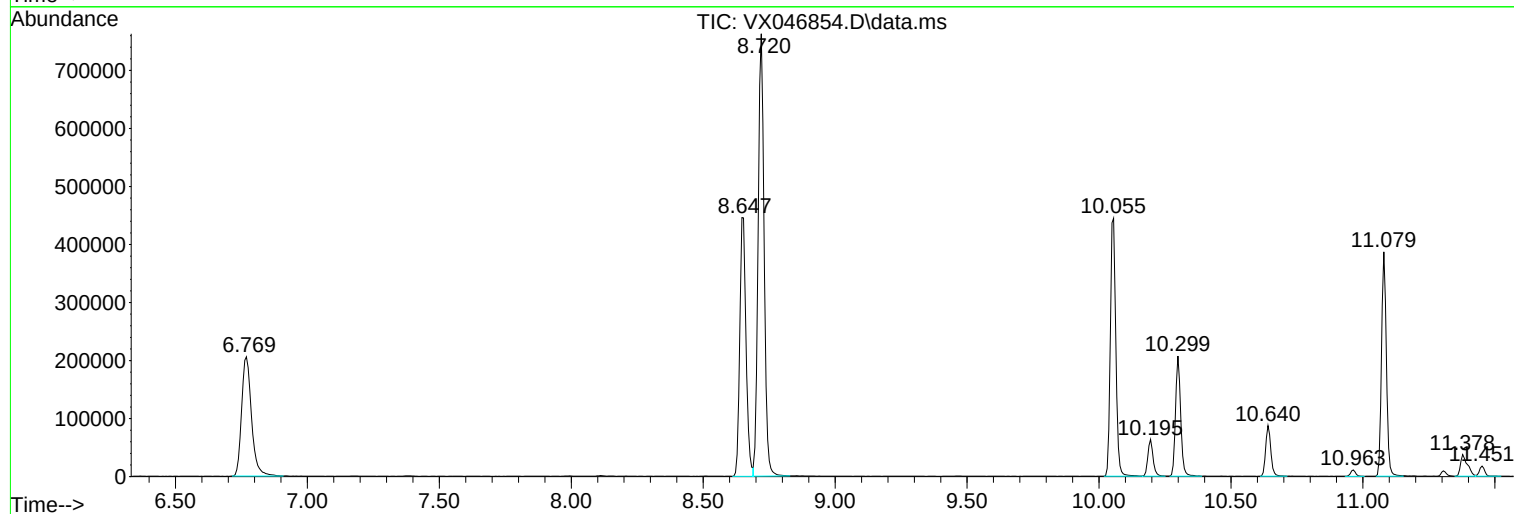
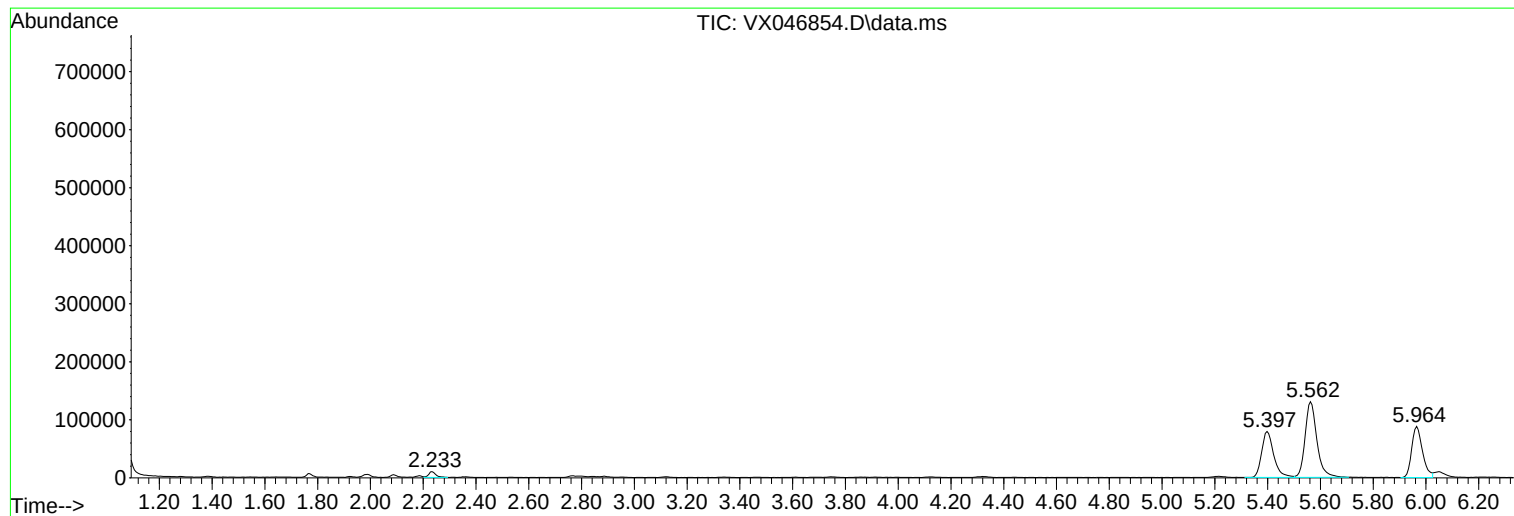
Sum of corrected areas: 5907461

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061725W.M  
Quant Title : SW846 8260

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



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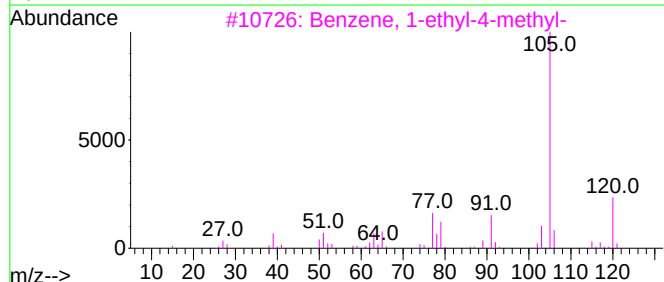
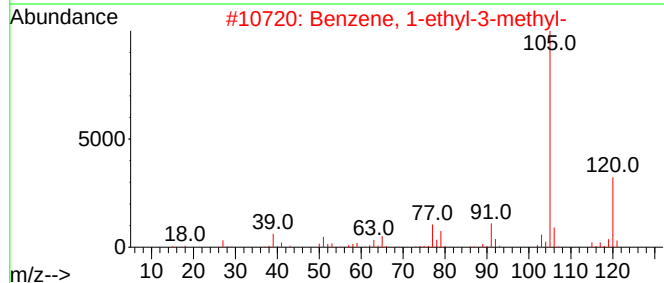
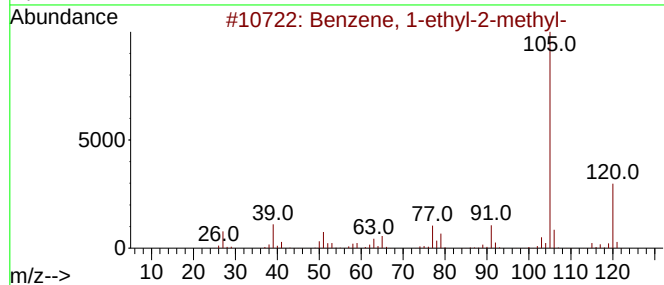
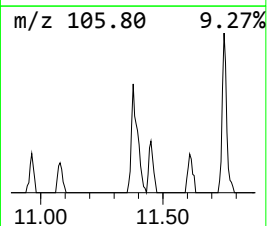
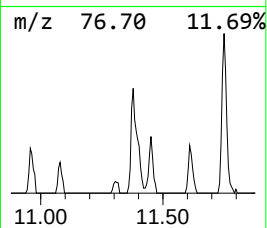
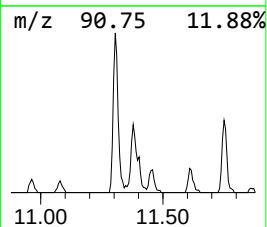
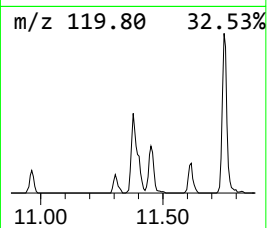
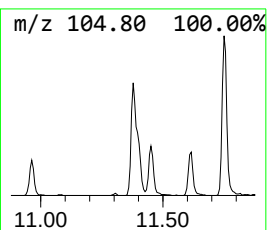
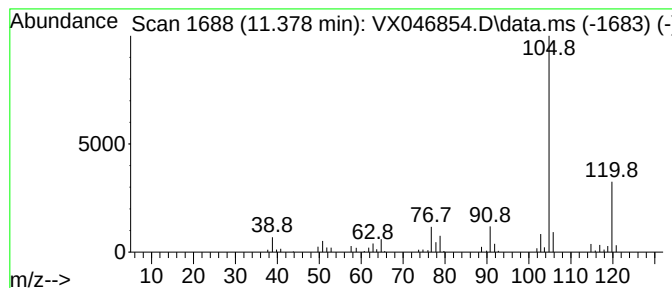
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061725W.M  
Quant Title : SW846 8260

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

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

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.378 | 5.22 ug/l | 67917 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 2    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 95   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 94   |
| 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... | 11.378 | 5.2     | ug/l  | 67917    | 4                     | 12.018 | 650389 | 50.0 |