

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081925\  
 Data File : VY023159.D  
 Acq On : 19 Aug 2025 18:22  
 Operator : SY/MD  
 Sample : Q2888-01  
 Misc : 3.80g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VNJ-210

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\82Y081225S.M  
 Title : SW846 8260

Signal : TIC: VY023159.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         | 4.616       | 464           | 475         | 485          | rBV2     | 19627          | 58757         | 1.84%           | 0.334%        |
| 2         | 7.634       | 960           | 970         | 976          | rBV      | 447734         | 1069660       | 33.49%          | 6.084%        |
| 3         | 7.707       | 976           | 982         | 996          | rVB      | 680131         | 1549482       | 48.51%          | 8.813%        |
| 4         | 8.061       | 1030          | 1040        | 1055         | rBV      | 371951         | 825714        | 25.85%          | 4.697%        |
| 5         | 8.616       | 1121          | 1131        | 1154         | rBV      | 1182141        | 2304452       | 72.15%          | 13.108%       |
| 6         | 10.103      | 1367          | 1375        | 1384         | rBV      | 1849187        | 3193971       | 100.00%         | 18.167%       |
| 7         | 11.414      | 1582          | 1590        | 1601         | rBV      | 1734328        | 2754824       | 86.25%          | 15.669%       |
| 8         | 11.511      | 1601          | 1606        | 1614         | rVB2     | 22985          | 46227         | 1.45%           | 0.263%        |
| 9         | 11.621      | 1619          | 1624        | 1636         | rVB      | 37479          | 69776         | 2.18%           | 0.397%        |
| 10        | 12.401      | 1743          | 1752        | 1762         | rBV      | 1244380        | 2021353       | 63.29%          | 11.497%       |
| 11        | 12.548      | 1771          | 1776        | 1786         | rVB2     | 22472          | 58068         | 1.82%           | 0.330%        |
| 12        | 12.755      | 1802          | 1810        | 1816         | rBV5     | 19382          | 46885         | 1.47%           | 0.267%        |
| 13        | 12.907      | 1828          | 1835        | 1840         | rBV3     | 19491          | 44083         | 1.38%           | 0.251%        |
| 14        | 12.993      | 1840          | 1849        | 1861         | rVB      | 111219         | 206782        | 6.47%           | 1.176%        |
| 15        | 13.103      | 1861          | 1867        | 1873         | rVB      | 83090          | 132036        | 4.13%           | 0.751%        |
| 16        | 13.200      | 1873          | 1883        | 1892         | rBV      | 172341         | 320887        | 10.05%          | 1.825%        |
| 17        | 13.346      | 1898          | 1907        | 1912         | rBV      | 1478272        | 2347556       | 73.50%          | 13.353%       |
| 18        | 13.401      | 1912          | 1916        | 1926         | rVB2     | 165385         | 357210        | 11.18%          | 2.032%        |
| 19        | 13.560      | 1936          | 1942        | 1950         | rVB      | 62980          | 109582        | 3.43%           | 0.623%        |
| 20        | 13.883      | 1989          | 1995        | 2008         | rVB4     | 26232          | 63617         | 1.99%           | 0.362%        |

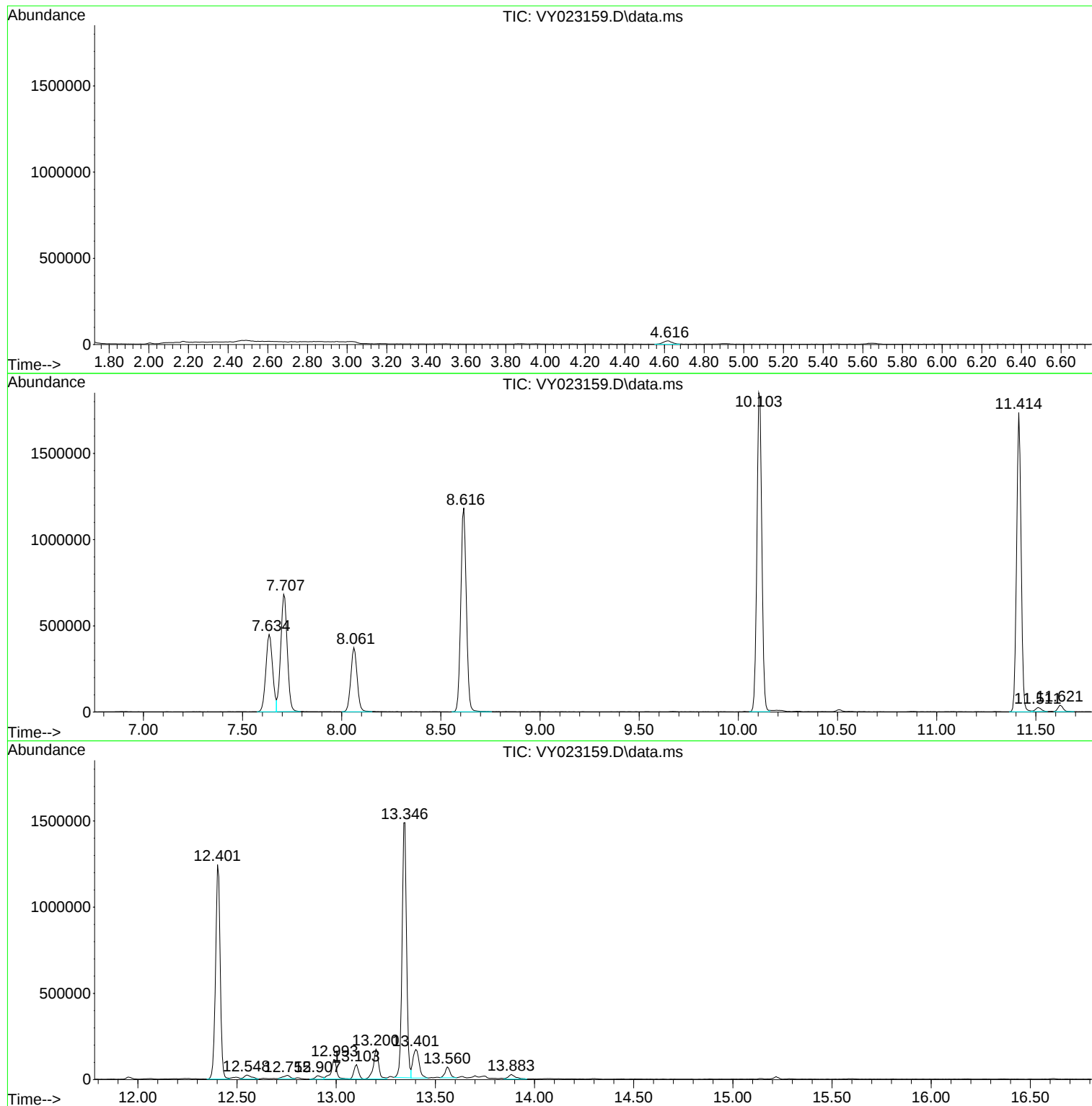
Sum of corrected areas: 17580922

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Instrument :  
MSVOA\_Y  
ClientSampleId :  
VNJ-210

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081225S.M  
Quant Title : SW846 8260

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



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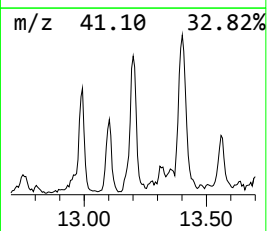
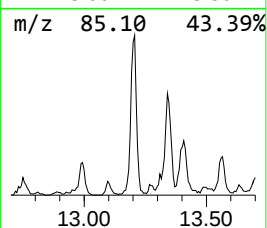
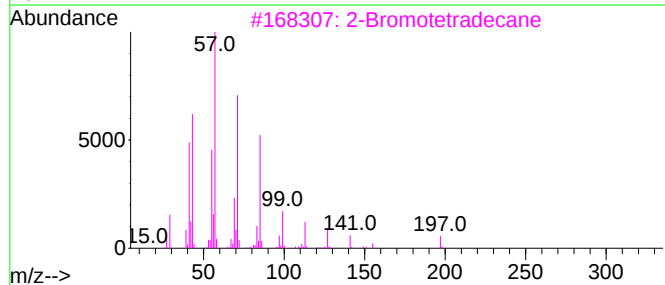
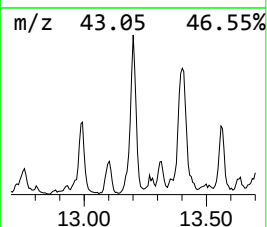
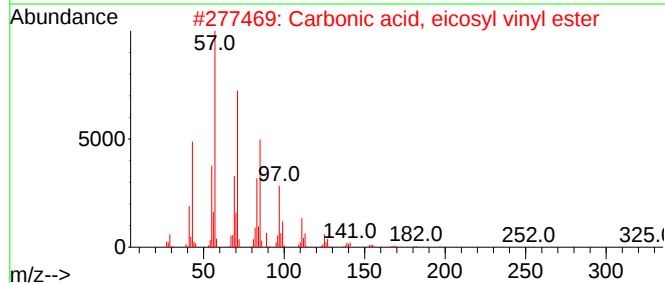
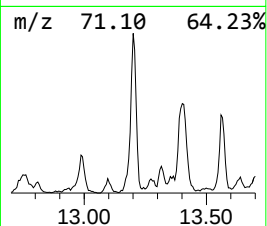
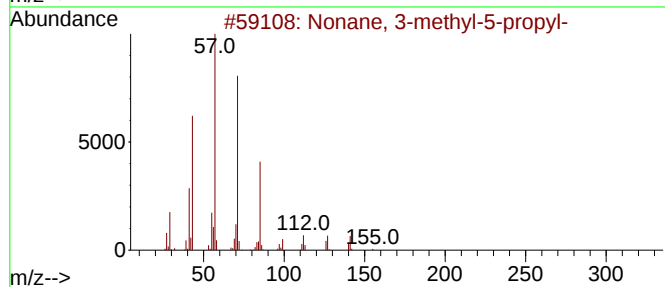
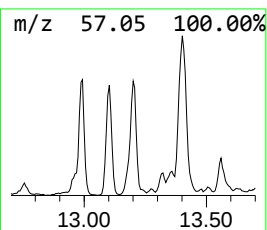
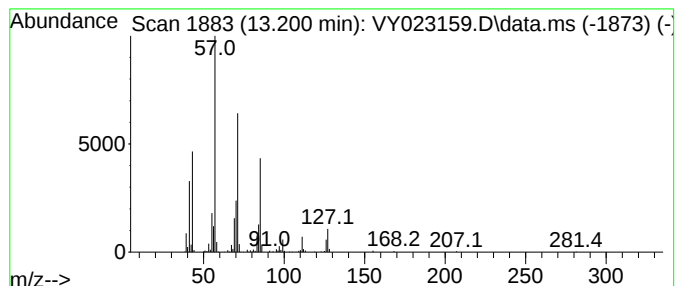
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Nonane, 3-methyl-5-propyl- Concentration Rank 2

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.200 | 6.83 ug/l | 320887 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Nonane, 3-methyl-5-propyl-         | 184 | C13H28   | 031081-18-2  | 72   |
| 2    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 64   |
| 3    |    |   | 2-Bromotetradecane                 | 276 | C14H29Br | 074036-95-6  | 59   |
| 4    |    |   | Tridecane                          | 184 | C13H28   | 000629-50-5  | 59   |
| 5    |    |   | Pentan-2-yl 2-methylbutanoate      | 172 | C10H20O2 | 1000372-71-7 | 59   |



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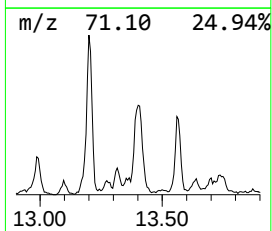
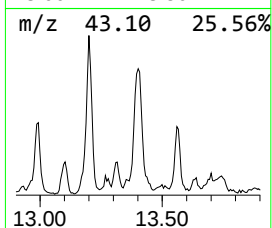
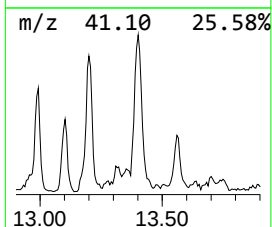
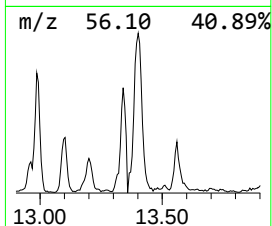
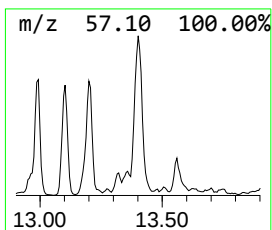
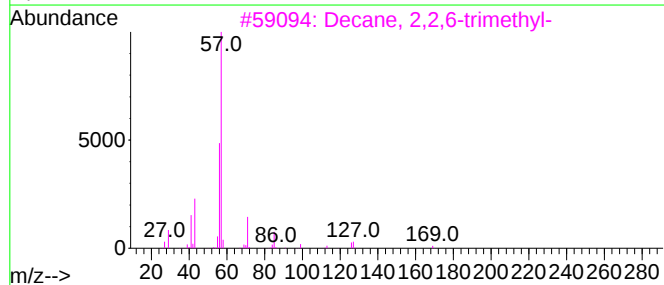
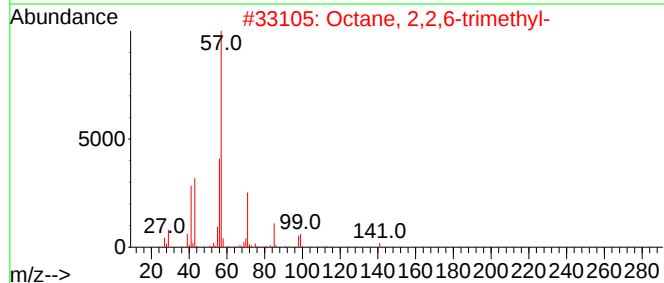
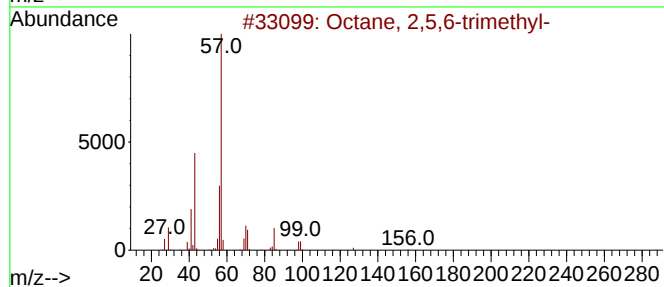
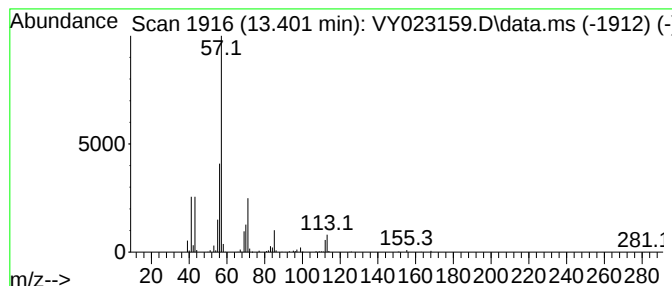
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Peak Number 2 Octane, 2,5,6-trimethyl- Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.401 | 7.61 ug/l | 357210 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Octane, 2,5,6-trimethyl- | 156 | C11H24  | 062016-14-2 | 64   |
| 2    |    |   | Octane, 2,2,6-trimethyl- | 156 | C11H24  | 062016-28-8 | 59   |
| 3    |    |   | Decane, 2,2,6-trimethyl- | 184 | C13H28  | 062237-97-2 | 53   |
| 4    |    |   | Decane, 2,2,7-trimethyl- | 184 | C13H28  | 062237-99-4 | 53   |
| 5    |    |   | Octane, 2,6-dimethyl-    | 142 | C10H22  | 002051-30-1 | 50   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Nonane, 3-methy... | 13.200 | 6.8     | ug/l  | 320887   | 4                     | 13.346 | 2347560 | 50.0 |
| Octane, 2,5,6-t... | 13.401 | 7.6     | ug/l  | 357210   | 4                     | 13.346 | 2347560 | 50.0 |