

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY043025\  
 Data File : VY022079.D  
 Acq On : 30 Apr 2025 13:34  
 Operator : SY/MD  
 Sample : Q1883-05  
 Misc : 13.86g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 OU4-PCS-TC-29-042325

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\82Y042225S.M

Title : SW846 8260

Signal : TIC: VY022079.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         | 2.495       | 119           | 127         | 135          | rBV      | 9711           | 31508         | 1.91%           | 0.359%        |
| 2         | 4.610       | 463           | 474         | 483          | rBV4     | 7124           | 21820         | 1.32%           | 0.249%        |
| 3         | 7.634       | 960           | 970         | 976          | rBV      | 254503         | 611941        | 37.09%          | 6.975%        |
| 4         | 7.707       | 976           | 982         | 993          | rVB      | 363517         | 821762        | 49.80%          | 9.367%        |
| 5         | 8.061       | 1027          | 1040        | 1052         | rBV      | 180428         | 404528        | 24.52%          | 4.611%        |
| 6         | 8.609       | 1120          | 1130        | 1142         | rBV      | 597085         | 1183784       | 71.74%          | 13.494%       |
| 7         | 10.103      | 1367          | 1375        | 1384         | rBV      | 979985         | 1650086       | 100.00%         | 18.809%       |
| 8         | 11.414      | 1582          | 1590        | 1603         | rBV      | 887798         | 1399761       | 84.83%          | 15.956%       |
| 9         | 12.023      | 1689          | 1690        | 1704         | rVB9     | 5563           | 17513         | 1.06%           | 0.200%        |
| 10        | 12.401      | 1746          | 1752        | 1762         | rBV      | 858398         | 1354807       | 82.11%          | 15.443%       |
| 11        | 12.603      | 1769          | 1785        | 1800         | rBV5     | 24046          | 112825        | 6.84%           | 1.286%        |
| 12        | 12.779      | 1802          | 1814        | 1829         | rVB10    | 13916          | 67201         | 4.07%           | 0.766%        |
| 13        | 13.346      | 1900          | 1907        | 1914         | rBV      | 727867         | 1095281       | 66.38%          | 12.485%       |

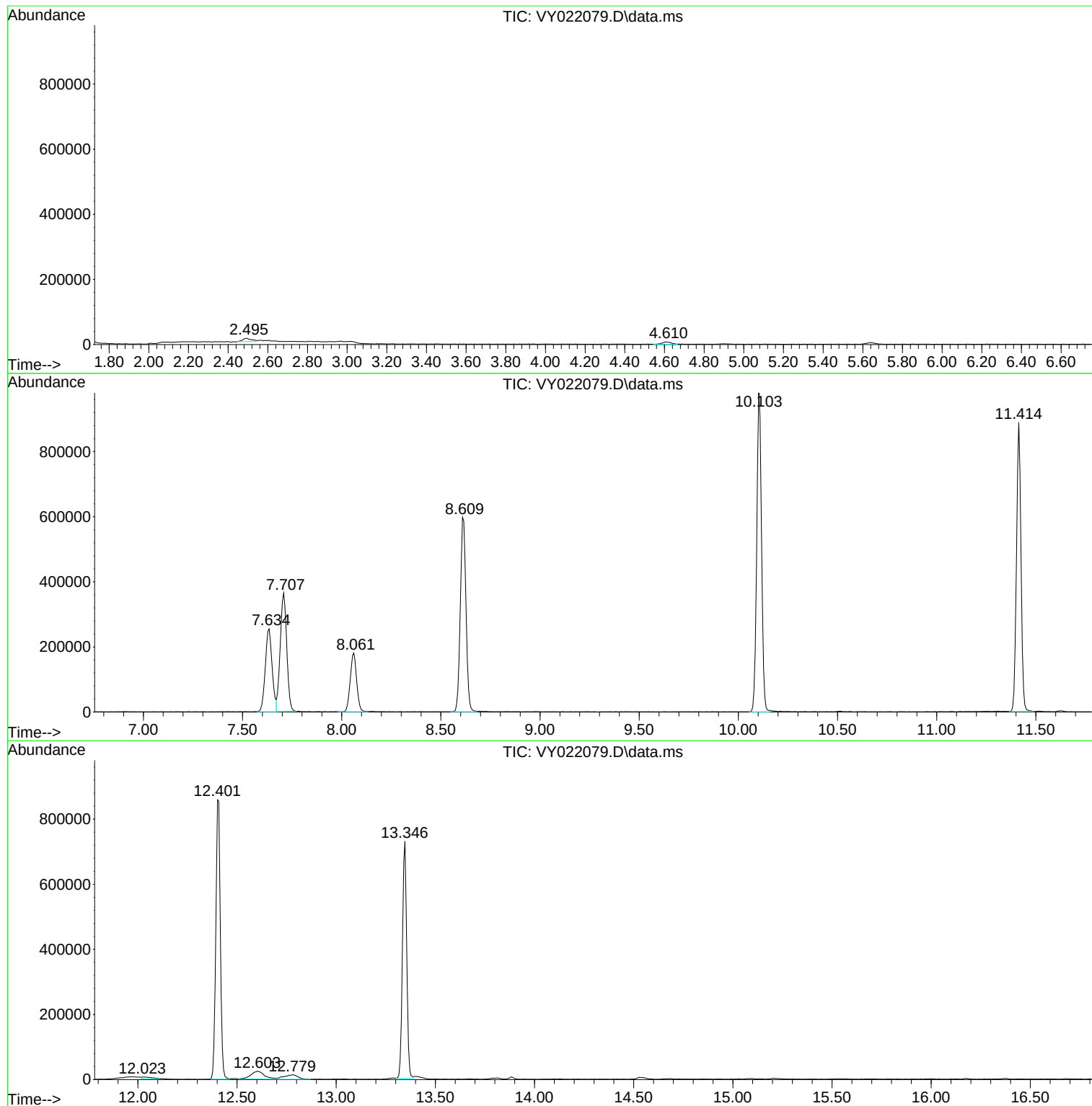
Sum of corrected areas: 8772817

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY043025\  
Data File : VY022079.D  
Acq On : 30 Apr 2025 13:34  
Operator : SY/MD  
Sample : Q1883-05  
Misc : 13.86g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
OU4-PCS-TC-29-042325

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042225S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY043025\  
Data File : VY022079.D  
Acq On : 30 Apr 2025 13:34  
Operator : SY/MD  
Sample : Q1883-05  
Misc : 13.86g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
OU4-PCS-TC-29-042325

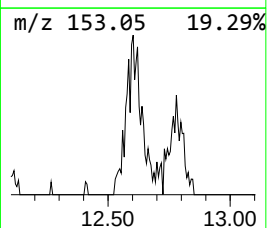
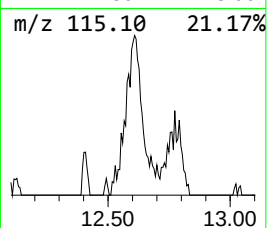
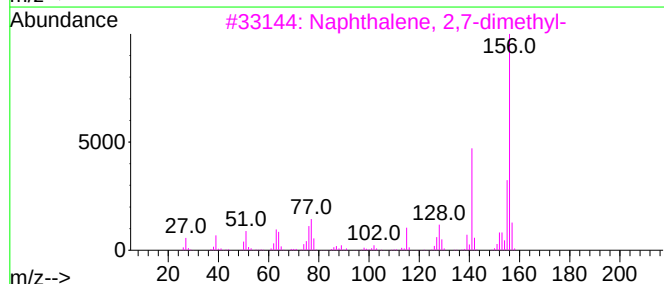
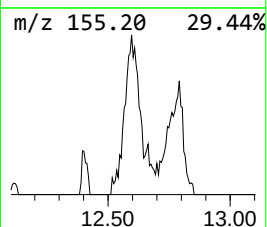
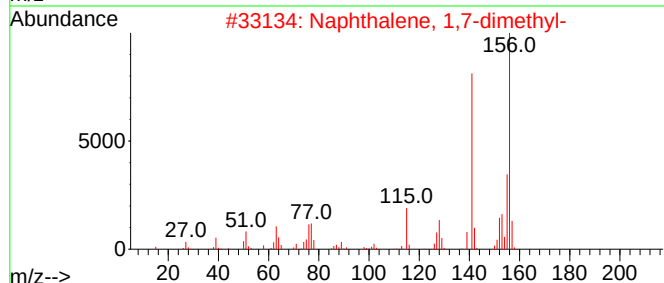
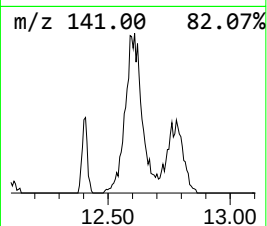
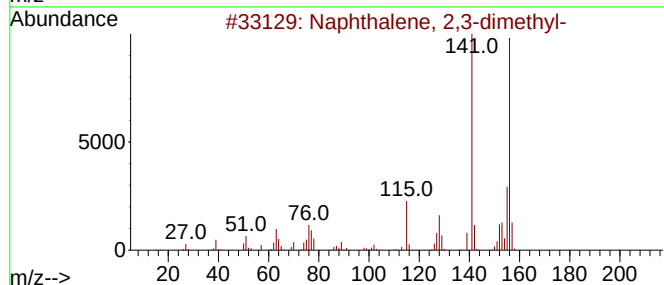
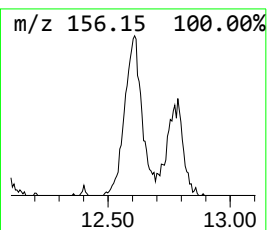
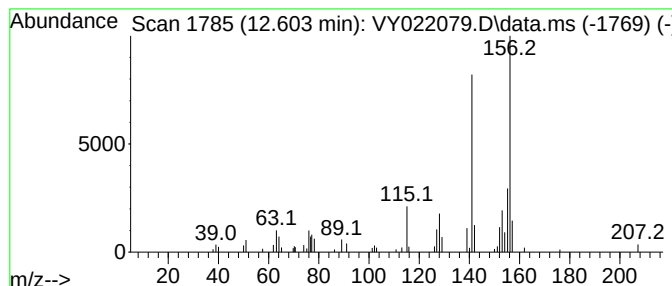
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042225S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.603 | 5.15 ug/l | 112825 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 2    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |
| 3    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 95   |
| 4    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 95   |
| 5    |    |   | Naphthalene, 1,8-dimethyl- | 156 | C12H12  | 000569-41-5 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY043025\  
Data File : VY022079.D  
Acq On : 30 Apr 2025 13:34  
Operator : SY/MD  
Sample : Q1883-05  
Misc : 13.86g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
OU4-PCS-TC-29-042325

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042225S.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Naphthalene, 2,... | 12.603 | 5.2     | ug/l  | 112825   | 4                     | 13.346 | 1095280 | 50.0 |