

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
 Data File : VX025577.D  
 Acq On : 07 Dec 2021 14:20  
 Operator : JC/MD  
 Sample : M4881-19ME  
 Misc : 3.86g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EW9F5ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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\SFAMXLM112221WMA.M  
 Title : VOC Analysis

Signal : TIC: VX025577.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         | 1.240       | 22            | 25          | 27           | rBV      | 3507           | 4605          | 1.33%           | 0.138%        |
| 2         | 1.368       | 43            | 46          | 53           | rVB      | 36554          | 41681         | 12.01%          | 1.246%        |
| 3         | 1.648       | 89            | 92          | 98           | rVB      | 21297          | 25447         | 7.33%           | 0.761%        |
| 4         | 1.709       | 99            | 102         | 107          | rVB2     | 8692           | 9574          | 2.76%           | 0.286%        |
| 5         | 2.276       | 189           | 195         | 206          | rBV      | 64306          | 112489        | 32.42%          | 3.364%        |
| 6         | 2.745       | 263           | 272         | 275          | rBV5     | 1888           | 4355          | 1.26%           | 0.130%        |
| 7         | 2.953       | 297           | 306         | 319          | rBV      | 4719           | 13751         | 3.96%           | 0.411%        |
| 8         | 3.075       | 319           | 326         | 332          | rVB3     | 2544           | 5461          | 1.57%           | 0.163%        |
| 9         | 3.428       | 377           | 384         | 389          | rBV4     | 1138           | 2508          | 0.72%           | 0.075%        |
| 10        | 4.282       | 516           | 524         | 534          | rVB2     | 4499           | 12444         | 3.59%           | 0.372%        |
| 11        | 4.495       | 548           | 559         | 587          | rBV      | 14849          | 73110         | 21.07%          | 2.186%        |
| 12        | 5.068       | 641           | 653         | 674          | rBV      | 41292          | 138770        | 39.99%          | 4.150%        |
| 13        | 5.458       | 708           | 717         | 729          | rVV4     | 5924           | 19906         | 5.74%           | 0.595%        |
| 14        | 5.611       | 736           | 742         | 750          | rVV4     | 1843           | 4919          | 1.42%           | 0.147%        |
| 15        | 5.818       | 768           | 776         | 785          | rVB5     | 1711           | 5102          | 1.47%           | 0.153%        |
| 16        | 5.970       | 790           | 801         | 819          | rBV2     | 119410         | 346992        | 100.00%         | 10.377%       |
| 17        | 6.153       | 823           | 831         | 839          | rVB6     | 1867           | 5675          | 1.64%           | 0.170%        |
| 18        | 6.251       | 840           | 847         | 855          | rVB7     | 1859           | 4955          | 1.43%           | 0.148%        |
| 19        | 6.354       | 855           | 864         | 877          | rBV5     | 5175           | 18239         | 5.26%           | 0.545%        |
| 20        | 6.604       | 899           | 905         | 914          | rVB4     | 1472           | 3103          | 0.89%           | 0.093%        |
| 21        | 6.763       | 922           | 931         | 946          | rBV      | 82606          | 212491        | 61.24%          | 6.354%        |
| 22        | 7.129       | 983           | 991         | 999          | rBV3     | 10292          | 23341         | 6.73%           | 0.698%        |
| 23        | 7.220       | 999           | 1006        | 1013         | rBV5     | 1056           | 2421          | 0.70%           | 0.072%        |
| 24        | 7.312       | 1013          | 1021        | 1027         | rBV      | 65847          | 154050        | 44.40%          | 4.607%        |
| 25        | 7.653       | 1072          | 1077        | 1083         | rVB5     | 1448           | 3020          | 0.87%           | 0.090%        |
| 26        | 7.769       | 1091          | 1096        | 1103         | rVB4     | 2280           | 4502          | 1.30%           | 0.135%        |
| 27        | 7.952       | 1121          | 1126        | 1133         | rVB5     | 2875           | 5203          | 1.50%           | 0.156%        |
| 28        | 8.183       | 1157          | 1164        | 1168         | rVV5     | 672            | 1267          | 0.37%           | 0.038%        |
| 29        | 8.275       | 1174          | 1179        | 1182         | rVV2     | 2046           | 3214          | 0.93%           | 0.096%        |
| 30        | 8.330       | 1182          | 1188        | 1196         | rVB      | 34798          | 64026         | 18.45%          | 1.915%        |
| 31        | 8.433       | 1201          | 1205        | 1210         | rBV4     | 997            | 1735          | 0.50%           | 0.052%        |
| 32        | 8.598       | 1227          | 1232        | 1235         | rBV3     | 5090           | 9850          | 2.84%           | 0.295%        |
| 33        | 8.653       | 1235          | 1241        | 1248         | rVV      | 169743         | 286934        | 82.69%          | 8.581%        |
| 34        | 8.720       | 1248          | 1252        | 1257         | rVB      | 13124          | 19587         | 5.64%           | 0.586%        |
| 35        | 8.909       | 1278          | 1283        | 1286         | rBV      | 2913           | 4062          | 1.17%           | 0.121%        |
| 36        | 8.958       | 1286          | 1291        | 1304         | rVB2     | 24707          | 49105         | 14.15%          | 1.468%        |

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 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EW9F5ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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\SFAMXLM112221WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 9.104  | 1309 | 1315 | 1321 | rVB4 | 2000   | 3182   | 0.92%  | 0.095% |
| 38 | 9.275  | 1337 | 1343 | 1349 | rBV  | 44960  | 67752  | 19.53% | 2.026% |
| 39 | 9.403  | 1356 | 1364 | 1376 | rBV  | 93748  | 161769 | 46.62% | 4.838% |
| 40 | 9.512  | 1378 | 1382 | 1386 | rVB4 | 2317   | 3628   | 1.05%  | 0.108% |
| 41 | 9.561  | 1386 | 1390 | 1395 | rBV  | 7479   | 10187  | 2.94%  | 0.305% |
| 42 | 9.616  | 1395 | 1399 | 1403 | rBV  | 8494   | 12781  | 3.68%  | 0.382% |
| 43 | 9.756  | 1419 | 1422 | 1427 | rVB4 | 948    | 1416   | 0.41%  | 0.042% |
| 44 | 9.823  | 1427 | 1433 | 1442 | rVV4 | 4161   | 7967   | 2.30%  | 0.238% |
| 45 | 9.903  | 1442 | 1446 | 1451 | rVV2 | 1466   | 2086   | 0.60%  | 0.062% |
| 46 | 10.006 | 1459 | 1463 | 1466 | rBV3 | 1019   | 1529   | 0.44%  | 0.046% |
| 47 | 10.061 | 1466 | 1472 | 1478 | rVV  | 163513 | 247698 | 71.38% | 7.407% |
| 48 | 10.128 | 1480 | 1483 | 1487 | rVB3 | 1906   | 2586   | 0.75%  | 0.077% |
| 49 | 10.195 | 1489 | 1494 | 1499 | rVV  | 5337   | 8013   | 2.31%  | 0.240% |
| 50 | 10.305 | 1503 | 1512 | 1517 | rVV  | 29073  | 45336  | 13.07% | 1.356% |
| 51 | 10.360 | 1517 | 1521 | 1528 | rVV3 | 5038   | 7899   | 2.28%  | 0.236% |
| 52 | 10.592 | 1552 | 1559 | 1563 | rBV5 | 2303   | 4388   | 1.26%  | 0.131% |
| 53 | 10.646 | 1563 | 1568 | 1580 | rVB  | 22590  | 30335  | 8.74%  | 0.907% |
| 54 | 10.780 | 1582 | 1590 | 1595 | rVB3 | 6348   | 11633  | 3.35%  | 0.348% |
| 55 | 10.860 | 1595 | 1603 | 1606 | rBV4 | 4598   | 7927   | 2.28%  | 0.237% |
| 56 | 10.896 | 1606 | 1609 | 1615 | rVB2 | 4621   | 6266   | 1.81%  | 0.187% |
| 57 | 10.969 | 1616 | 1621 | 1624 | rBV  | 3644   | 5065   | 1.46%  | 0.151% |
| 58 | 11.030 | 1629 | 1631 | 1635 | rVB2 | 2079   | 2357   | 0.68%  | 0.070% |
| 59 | 11.122 | 1642 | 1646 | 1653 | rVB5 | 2855   | 4582   | 1.32%  | 0.137% |
| 60 | 11.195 | 1653 | 1658 | 1668 | rBV  | 125546 | 170714 | 49.20% | 5.105% |
| 61 | 11.305 | 1672 | 1676 | 1680 | rBV  | 4065   | 5442   | 1.57%  | 0.163% |
| 62 | 11.384 | 1685 | 1689 | 1694 | rVB2 | 6253   | 9606   | 2.77%  | 0.287% |
| 63 | 11.457 | 1694 | 1701 | 1702 | rBV2 | 4489   | 5800   | 1.67%  | 0.173% |
| 64 | 11.475 | 1702 | 1704 | 1710 | rVB2 | 6889   | 8623   | 2.49%  | 0.258% |
| 65 | 11.616 | 1722 | 1727 | 1734 | rBV  | 5928   | 8009   | 2.31%  | 0.240% |
| 66 | 11.713 | 1739 | 1743 | 1746 | rBV  | 5617   | 7533   | 2.17%  | 0.225% |
| 67 | 11.756 | 1746 | 1750 | 1760 | rVB  | 17574  | 23285  | 6.71%  | 0.696% |
| 68 | 11.860 | 1760 | 1767 | 1768 | rBV4 | 1339   | 2342   | 0.67%  | 0.070% |
| 69 | 11.896 | 1770 | 1773 | 1777 | rVB  | 2475   | 2708   | 0.78%  | 0.081% |
| 70 | 11.945 | 1777 | 1781 | 1783 | rBV5 | 1919   | 2905   | 0.84%  | 0.087% |
| 71 | 12.024 | 1789 | 1794 | 1800 | rBV  | 206352 | 252965 | 72.90% | 7.565% |
| 72 | 12.091 | 1801 | 1805 | 1811 | rVB  | 8997   | 12734  | 3.67%  | 0.381% |
| 73 | 12.268 | 1832 | 1834 | 1837 | rVV  | 2055   | 2379   | 0.69%  | 0.071% |
| 74 | 12.323 | 1838 | 1843 | 1850 | rVB  | 225362 | 272081 | 78.41% | 8.136% |
| 75 | 12.427 | 1855 | 1860 | 1864 | rBV  | 10869  | 12776  | 3.68%  | 0.382% |
| 76 | 12.469 | 1864 | 1867 | 1873 | rVB4 | 2694   | 3965   | 1.14%  | 0.119% |

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 Sample : M4881-19ME  
 Misc : 3.86g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EW9F5ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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\SFAMXLM112221WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |       |       |       |        |
|-----|--------|------|------|------|------|-------|-------|-------|--------|
| 77  | 12.530 | 1874 | 1877 | 1880 | rBV3 | 1940  | 2681  | 0.77% | 0.080% |
| 78  | 12.725 | 1905 | 1909 | 1913 | rVV4 | 2111  | 3331  | 0.96% | 0.100% |
| 79  | 12.768 | 1913 | 1916 | 1919 | rVB4 | 1481  | 1723  | 0.50% | 0.052% |
| 80  | 12.890 | 1932 | 1936 | 1939 | rBV5 | 1507  | 2510  | 0.72% | 0.075% |
| 81  | 12.975 | 1946 | 1950 | 1957 | rVB5 | 3651  | 5271  | 1.52% | 0.158% |
| 82  | 13.036 | 1957 | 1960 | 1965 | rBV3 | 1320  | 2326  | 0.67% | 0.070% |
| 83  | 13.158 | 1975 | 1980 | 1983 | rBV6 | 869   | 1609  | 0.46% | 0.048% |
| 84  | 13.268 | 1993 | 1998 | 2007 | rBV2 | 11649 | 17857 | 5.15% | 0.534% |
| 85  | 13.384 | 2013 | 2017 | 2022 | rBV  | 6178  | 7655  | 2.21% | 0.229% |
| 86  | 13.579 | 2046 | 2049 | 2054 | rVB2 | 1497  | 1847  | 0.53% | 0.055% |
| 87  | 13.634 | 2054 | 2058 | 2061 | rVB5 | 1048  | 1525  | 0.44% | 0.046% |
| 88  | 13.780 | 2077 | 2082 | 2088 | rVB  | 21774 | 30307 | 8.73% | 0.906% |
| 89  | 13.847 | 2088 | 2093 | 2097 | rBV2 | 8753  | 10777 | 3.11% | 0.322% |
| 90  | 14.042 | 2120 | 2125 | 2128 | rBV  | 10280 | 12487 | 3.60% | 0.373% |
| 91  | 14.103 | 2132 | 2135 | 2138 | rVV4 | 1938  | 2269  | 0.65% | 0.068% |
| 92  | 14.640 | 2215 | 2223 | 2227 | rBV2 | 18418 | 27046 | 7.79% | 0.809% |
| 93  | 14.761 | 2238 | 2243 | 2244 | rBV3 | 6443  | 8970  | 2.59% | 0.268% |
| 94  | 14.780 | 2244 | 2246 | 2253 | rVB  | 19242 | 22897 | 6.60% | 0.685% |
| 95  | 14.847 | 2253 | 2257 | 2262 | rBV6 | 1727  | 2367  | 0.68% | 0.071% |
| 96  | 15.213 | 2313 | 2317 | 2323 | rVB5 | 3921  | 5428  | 1.56% | 0.162% |
| 97  | 15.267 | 2323 | 2326 | 2330 | rVB4 | 1063  | 1484  | 0.43% | 0.044% |
| 98  | 15.487 | 2357 | 2362 | 2369 | rBV6 | 3470  | 6863  | 1.98% | 0.205% |
| 99  | 15.615 | 2379 | 2383 | 2387 | rBV2 | 3409  | 5091  | 1.47% | 0.152% |
| 100 | 15.847 | 2417 | 2421 | 2425 | rVB3 | 1107  | 1552  | 0.45% | 0.046% |

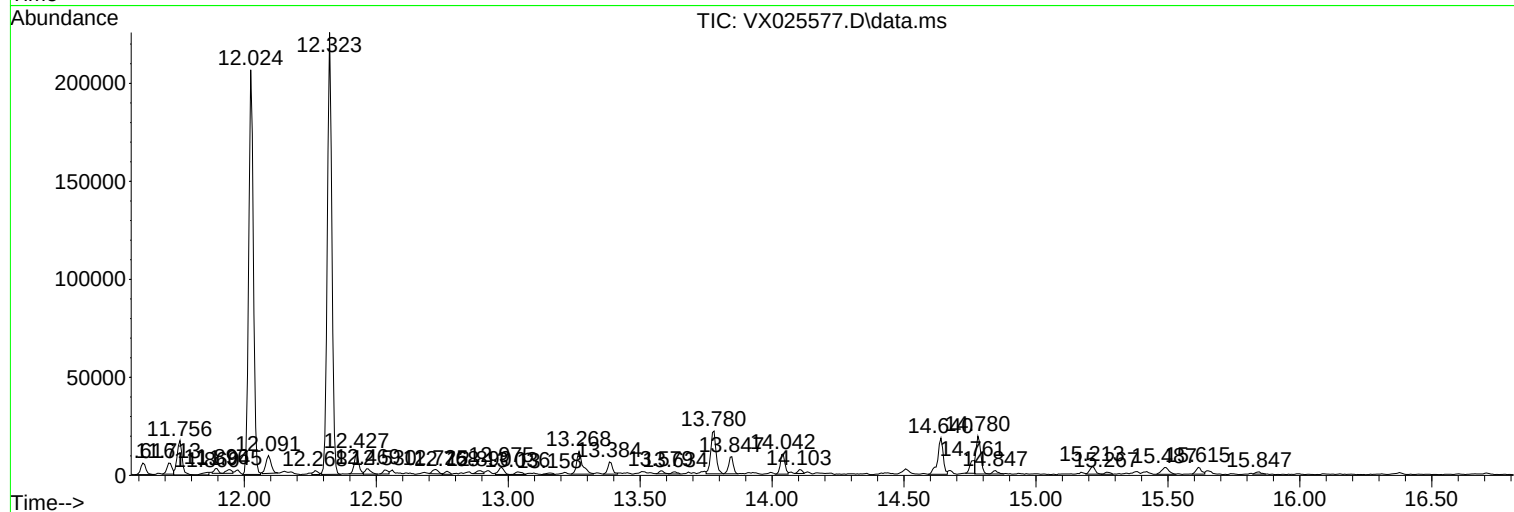
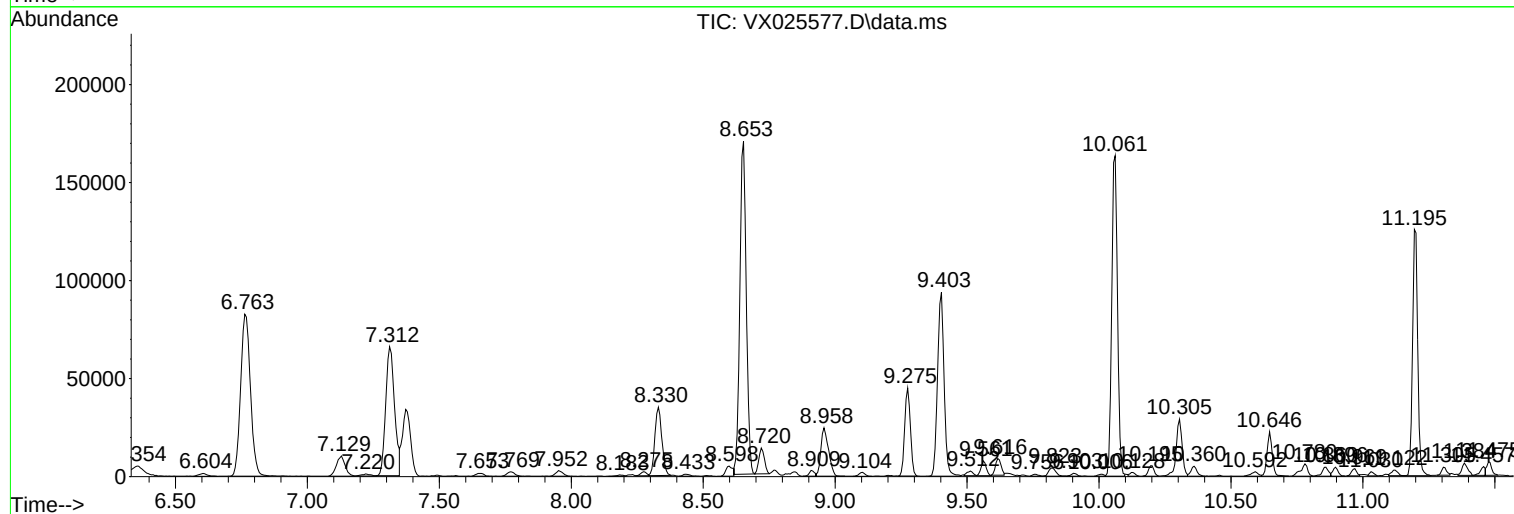
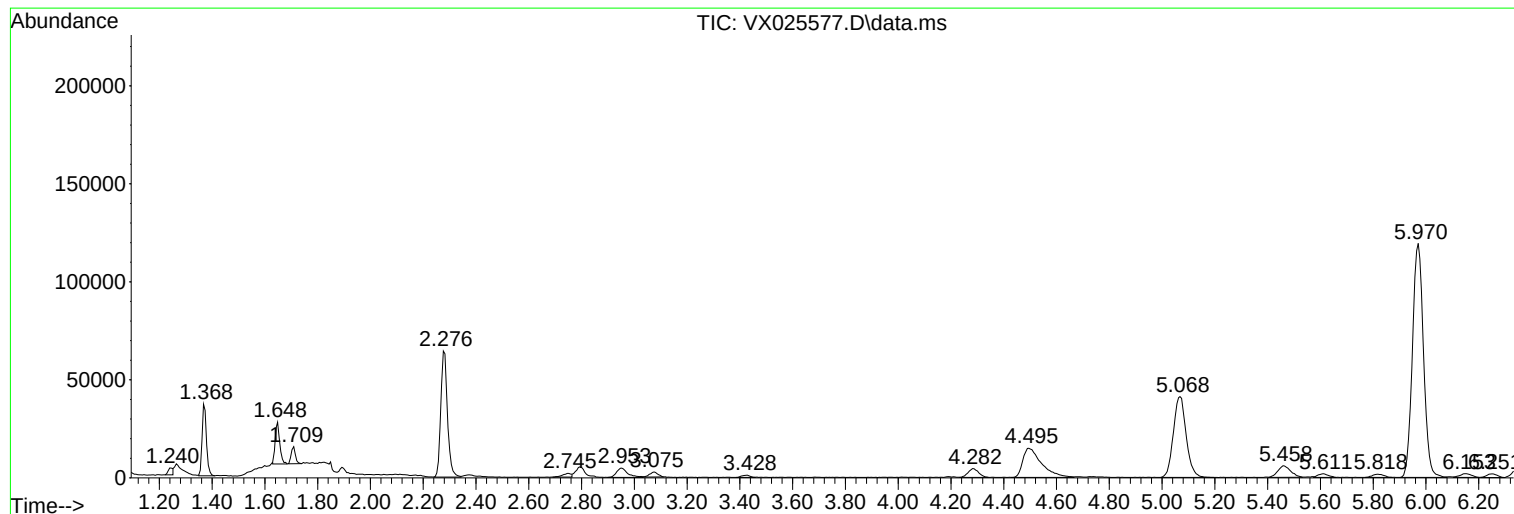
Sum of corrected areas: 3344016

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Sample : M4881-19ME  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
EW9F5ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM112221WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
Data File : VX025577.D  
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Operator : JC/MD  
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Misc : 3.86g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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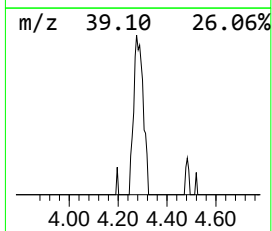
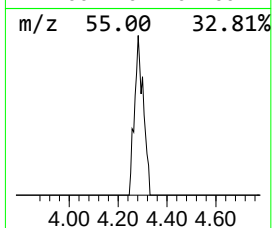
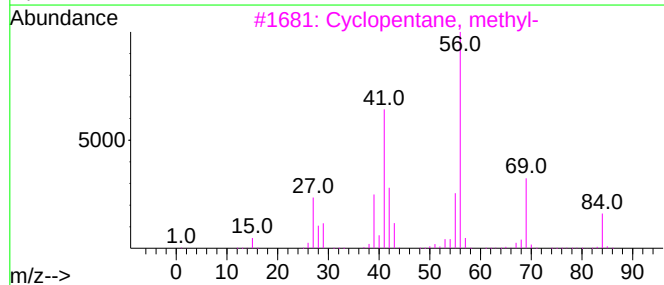
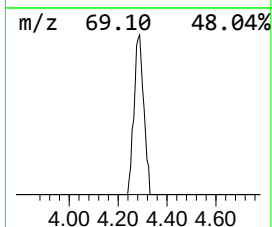
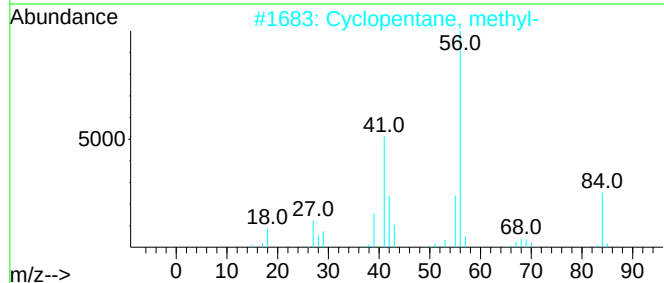
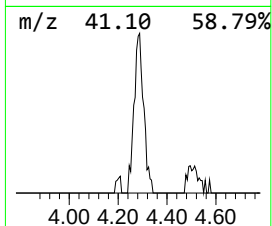
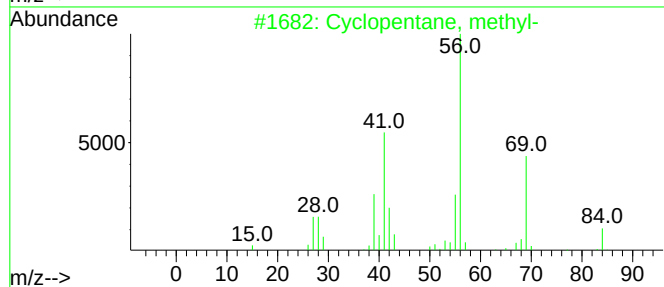
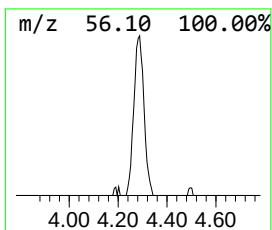
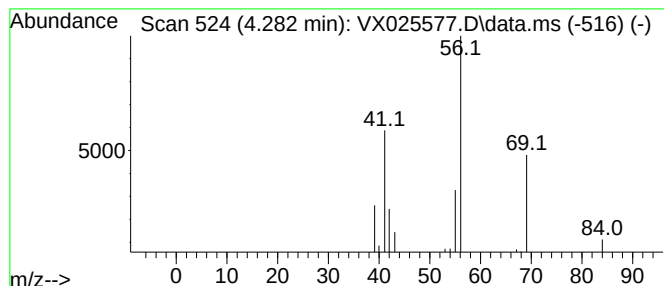
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM112221WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Cyclic4.282 Concentration Rank 8

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 4.282 | 2.93 ug/L | 12444 | 1,4-Difluorobenzene | 6.763 |

| Hit# | of | 5 | Tentative ID            | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|----|---------|-------------|------|
| 1    |    |   | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 91   |
| 2    |    |   | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 78   |
| 3    |    |   | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 78   |
| 4    |    |   | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4  | 004076-36-2 | 64   |
| 5    |    |   | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 64   |



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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW9F5ME

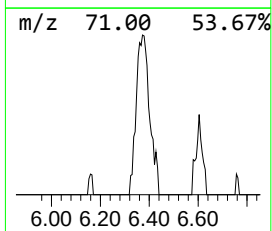
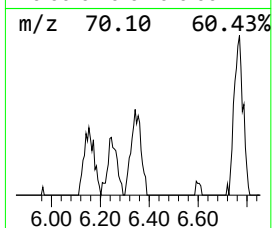
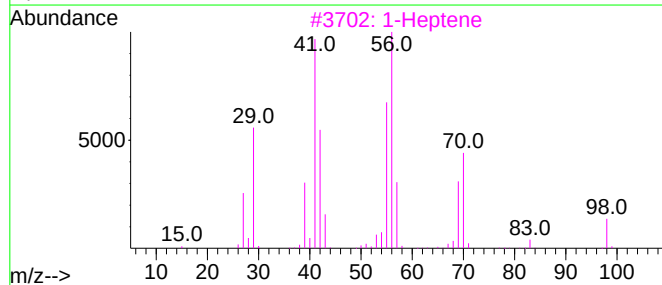
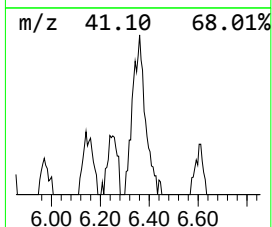
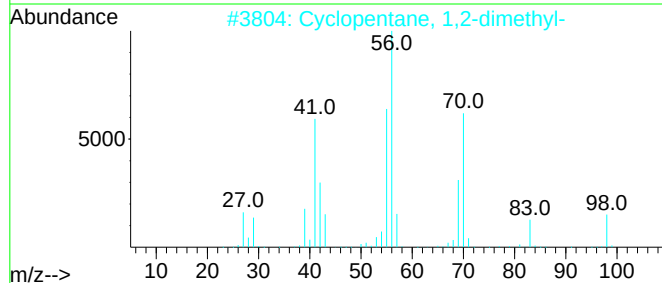
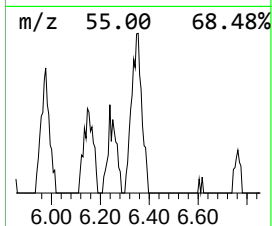
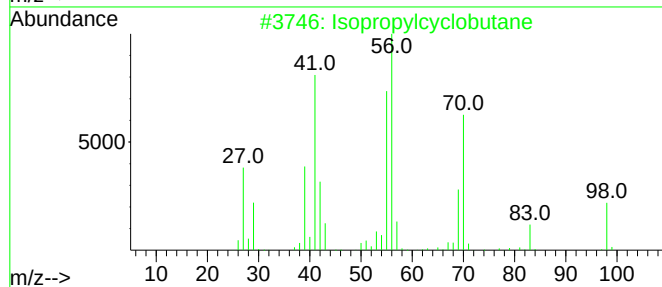
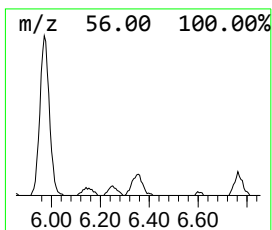
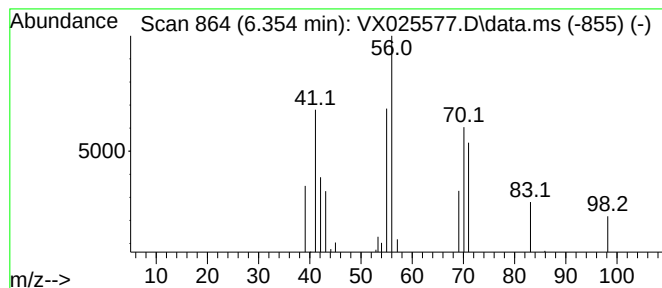
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM112221WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Cyclic6.354 Concentration Rank 5

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 6.354 | 4.29 ug/L | 18239 | 1,4-Difluorobenzene | 6.763 |

| Hit# | of | 5 | Tentative ID                | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|----|---------|-------------|------|
| 1    |    |   | Isopropylcyclobutane        | 98 | C7H14   | 000872-56-0 | 70   |
| 2    |    |   | Cyclopentane, 1,2-dimethyl- | 98 | C7H14   | 002452-99-5 | 58   |
| 3    |    |   | 1-Heptene                   | 98 | C7H14   | 000592-76-7 | 58   |
| 4    |    |   | 1-Heptene                   | 98 | C7H14   | 000592-76-7 | 53   |
| 5    |    |   | 1-Heptene                   | 98 | C7H14   | 000592-76-7 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
Data File : VX025577.D  
Acq On : 07 Dec 2021 14:20  
Operator : JC/MD  
Sample : M4881-19ME  
Misc : 3.86g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW9F5ME

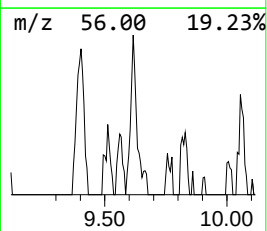
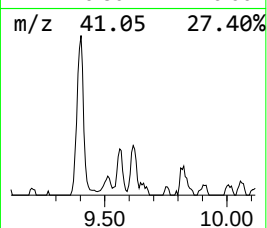
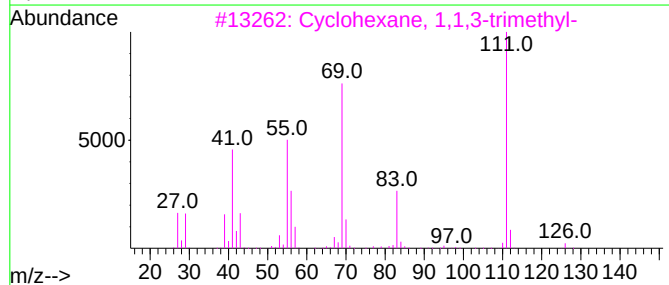
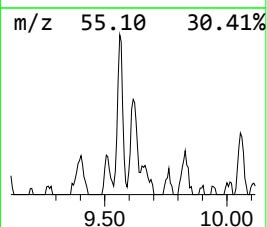
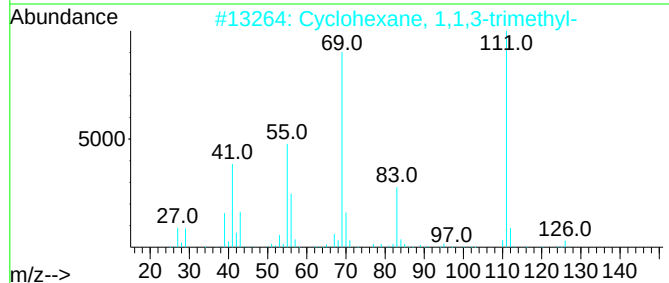
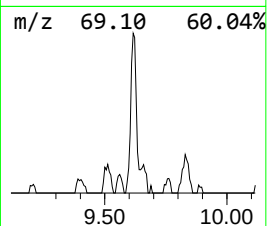
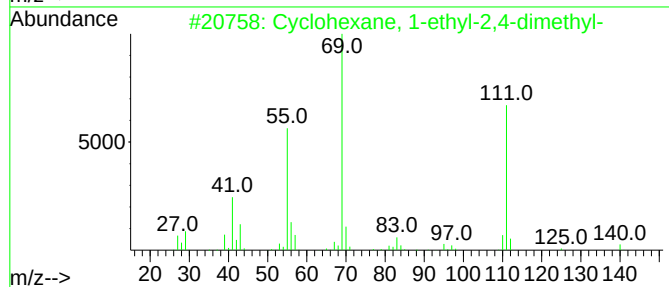
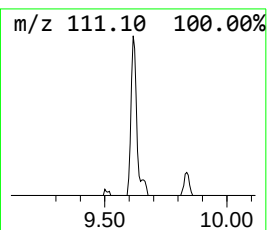
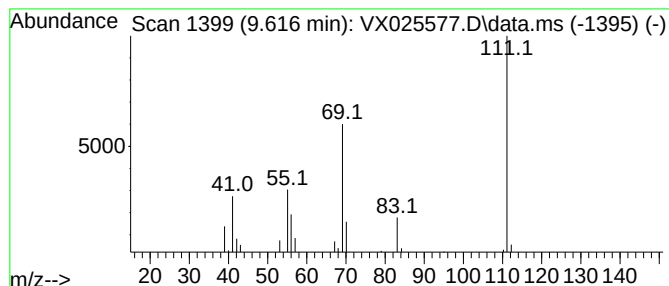
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 5 (DEL) Alkane: Cyclic9.616 Concentration Rank 9

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.   |
|-------|-----------|-------|------------------|--------|
| 9.616 | 2.58 ug/L | 12781 | Chlorobenzene-d5 | 10.061 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1-ethyl-2,4-dimethyl- | 140 | C10H20  | 061142-69-6 | 64   |
| 2    |    |   | Cyclohexane, 1,1,3-trimethyl-      | 126 | C9H18   | 003073-66-3 | 53   |
| 3    |    |   | Cyclohexane, 1,1,3-trimethyl-      | 126 | C9H18   | 003073-66-3 | 50   |
| 4    |    |   | p-Fluoroaniline                    | 111 | C6H6FN  | 000371-40-4 | 50   |
| 5    |    |   | Cyclohexane, 1,1,3-trimethyl-      | 126 | C9H18   | 003073-66-3 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
Data File : VX025577.D  
Acq On : 07 Dec 2021 14:20  
Operator : JC/MD  
Sample : M4881-19ME  
Misc : 3.86g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW9F5ME

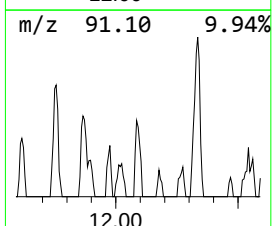
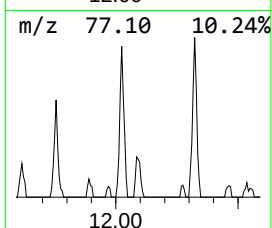
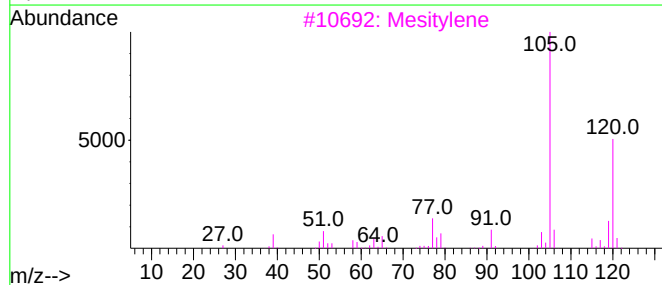
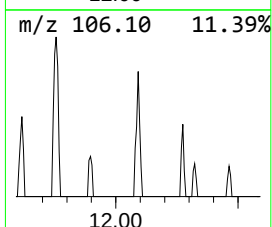
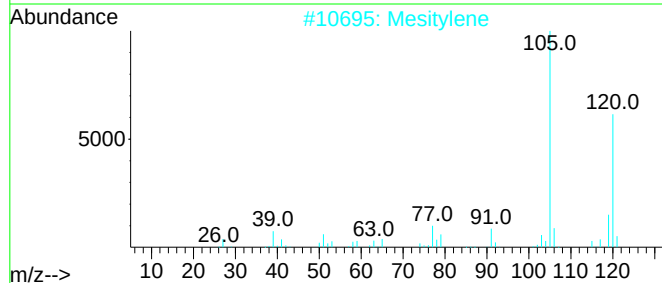
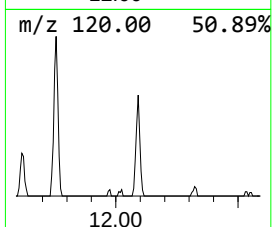
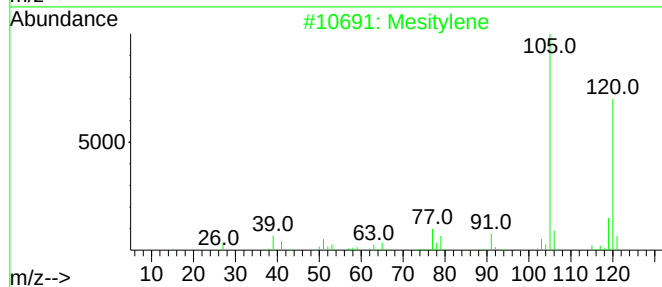
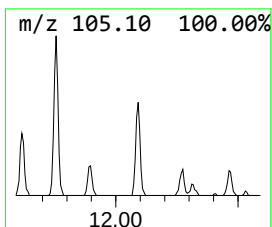
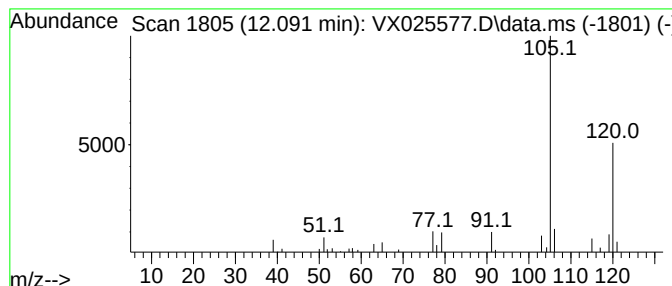
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Quant Title : VOC Analysis

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

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Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.091 | 2.52 ug/L | 12734 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 94   |
| 2    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 3    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 5    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
Data File : VX025577.D  
Acq On : 07 Dec 2021 14:20  
Operator : JC/MD  
Sample : M4881-19ME  
Misc : 3.86g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW9F5ME

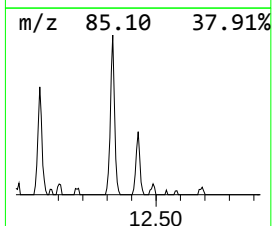
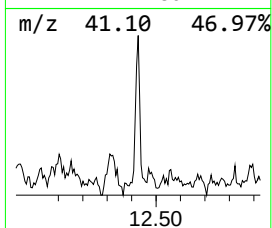
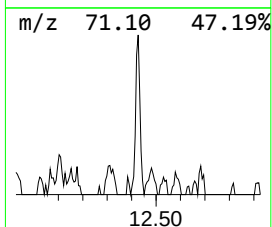
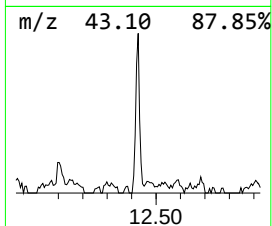
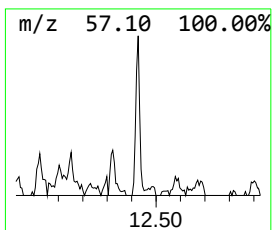
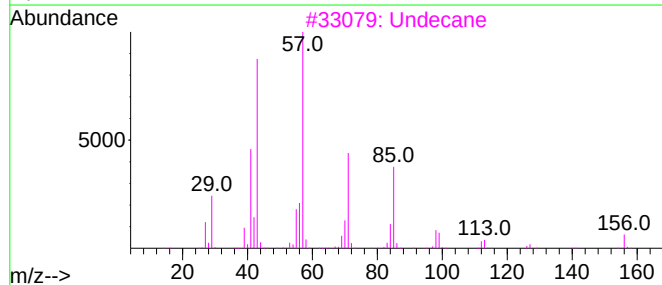
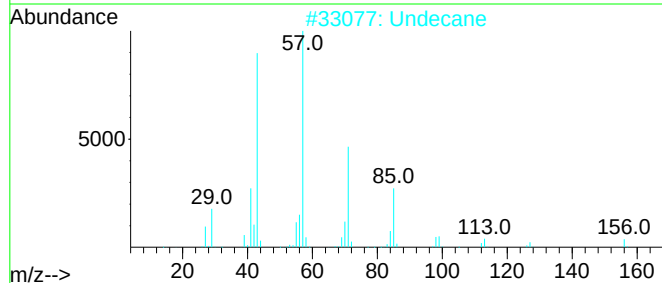
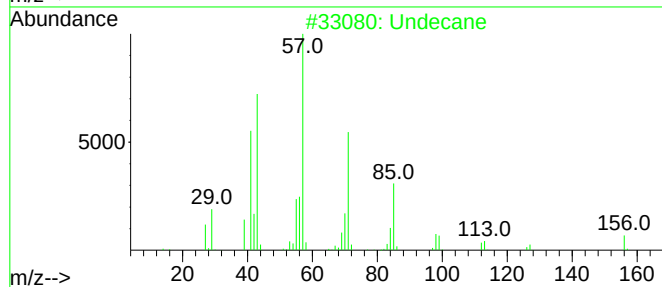
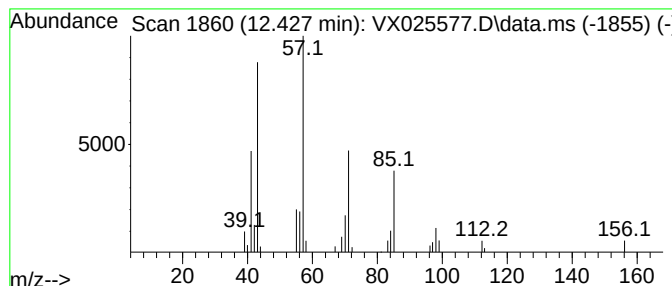
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Quant Title : VOC Analysis

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

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.427 | 2.53 ug/L | 12776 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of       | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----------|---|--------------|-----|---------|-------------|------|
| 1    | Undecane |   |              | 156 | C11H24  | 001120-21-4 | 91   |
| 2    | Undecane |   |              | 156 | C11H24  | 001120-21-4 | 90   |
| 3    | Undecane |   |              | 156 | C11H24  | 001120-21-4 | 87   |
| 4    | Undecane |   |              | 156 | C11H24  | 001120-21-4 | 86   |
| 5    | Decane   |   |              | 142 | C10H22  | 000124-18-5 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
Data File : VX025577.D  
Acq On : 07 Dec 2021 14:20  
Operator : JC/MD  
Sample : M4881-19ME  
Misc : 3.86g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW9F5ME

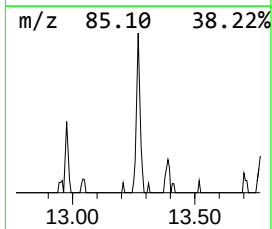
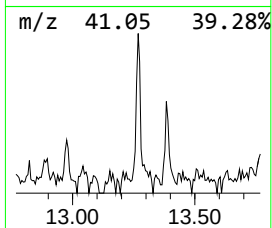
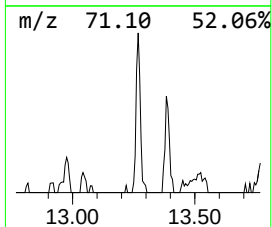
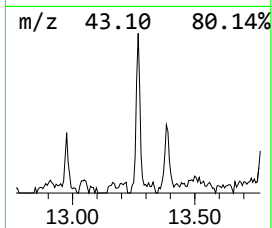
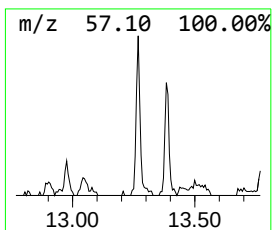
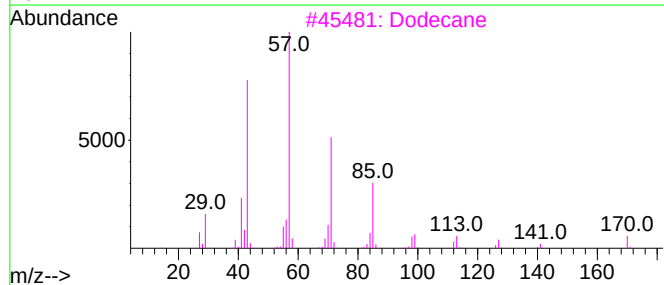
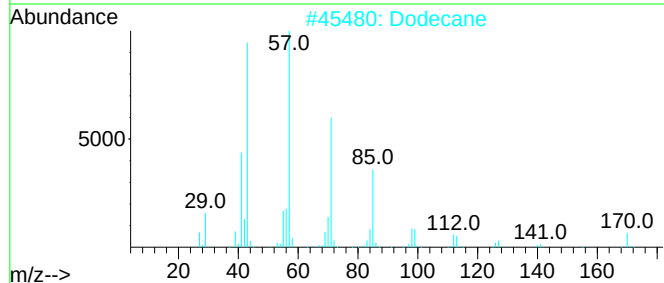
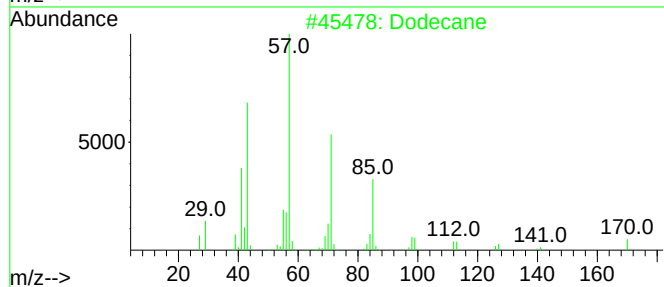
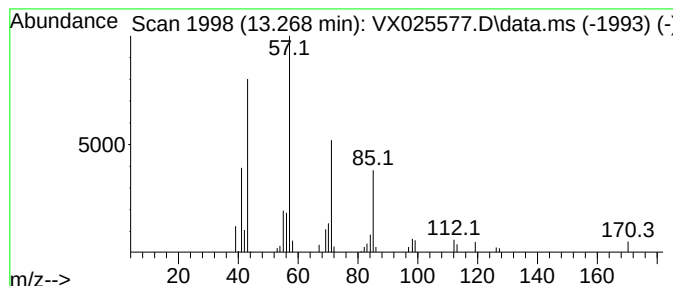
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Quant Title : VOC Analysis

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

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.268 | 3.53 ug/L | 17857 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 95   |
| 2    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 94   |
| 3    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 90   |
| 4    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 83   |
| 5    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 80   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
Data File : VX025577.D  
Acq On : 07 Dec 2021 14:20  
Operator : JC/MD  
Sample : M4881-19ME  
Misc : 3.86g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW9F5ME

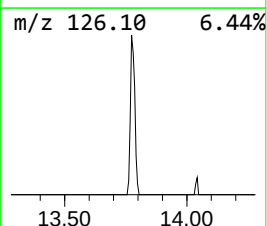
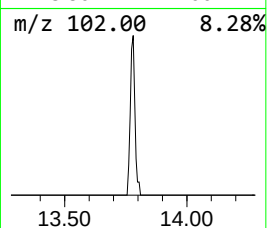
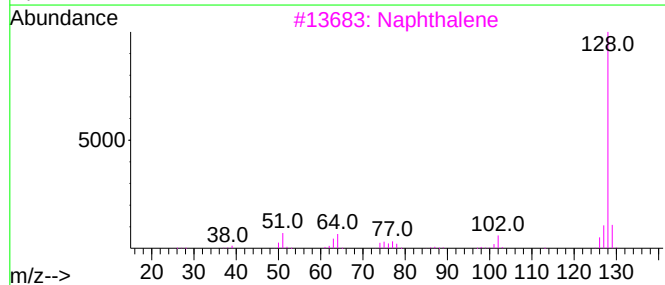
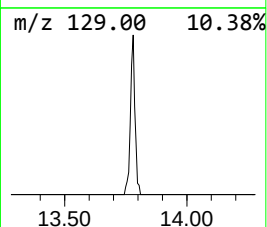
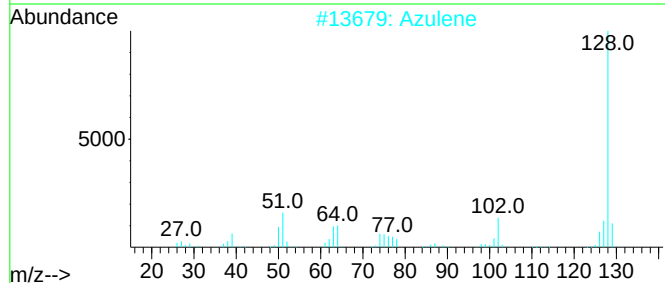
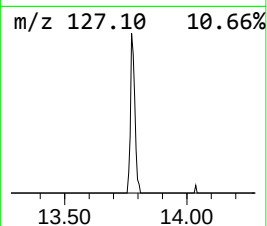
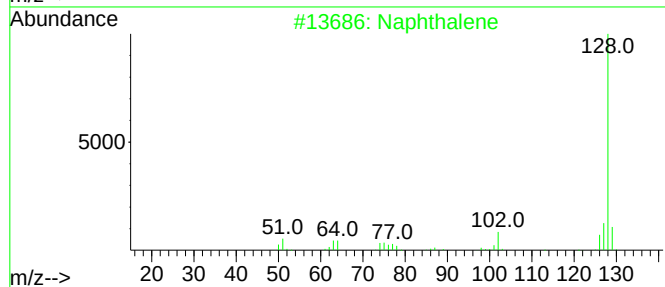
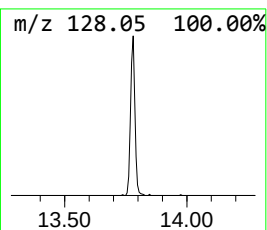
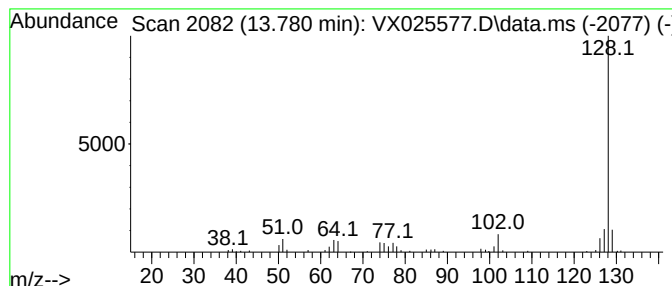
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Quant Title : VOC Analysis

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

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Peak Number 9 Azulene Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.780 | 5.99 ug/L | 30307 | 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 | 91   |
| 3    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 90   |
| 4    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 90   |
| 5    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
Data File : VX025577.D  
Acq On : 07 Dec 2021 14:20  
Operator : JC/MD  
Sample : M4881-19ME  
Misc : 3.86g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW9F5ME

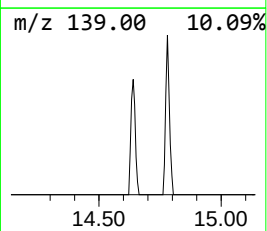
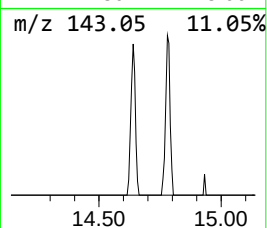
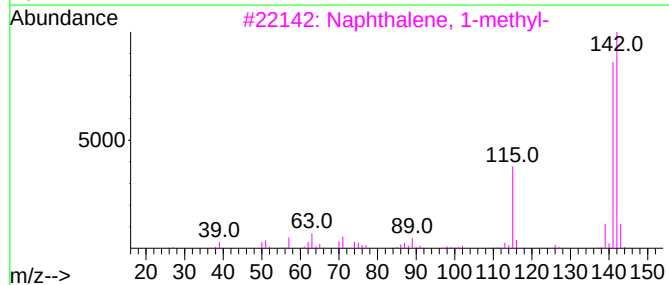
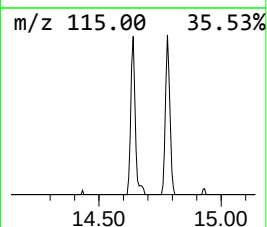
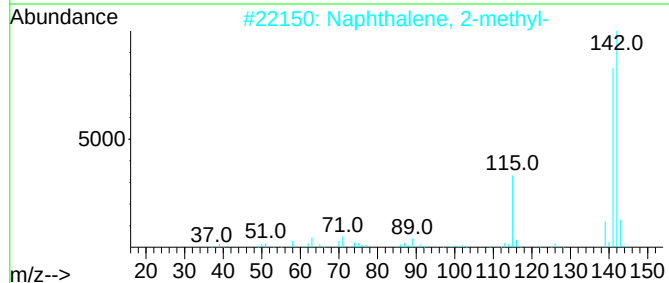
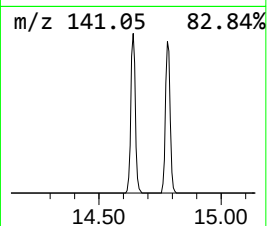
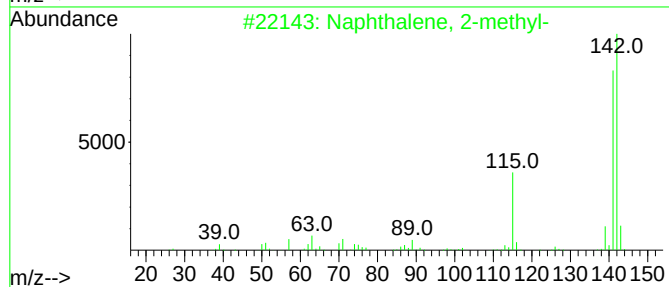
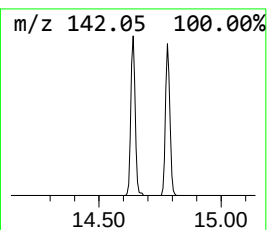
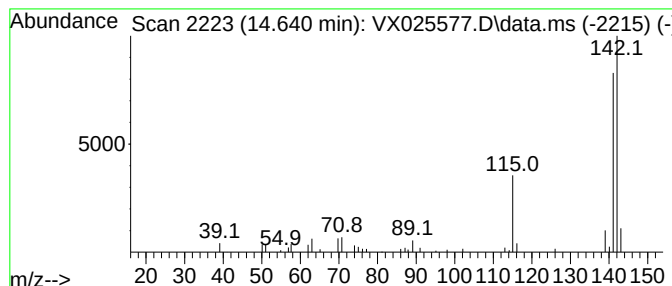
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Quant Title : VOC Analysis

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

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Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 3

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.640 | 5.35 ug/L | 27046 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2-methyl- | 142 | C11H10  | 000091-57-6 | 97   |
| 2    |    |   | Naphthalene, 2-methyl- | 142 | C11H10  | 000091-57-6 | 95   |
| 3    |    |   | Naphthalene, 1-methyl- | 142 | C11H10  | 000090-12-0 | 95   |
| 4    |    |   | Naphthalene, 2-methyl- | 142 | C11H10  | 000091-57-6 | 94   |
| 5    |    |   | Naphthalene, 1-methyl- | 142 | C11H10  | 000090-12-0 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
Data File : VX025577.D  
Acq On : 07 Dec 2021 14:20  
Operator : JC/MD  
Sample : M4881-19ME  
Misc : 3.86g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW9F5ME

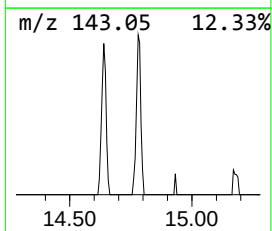
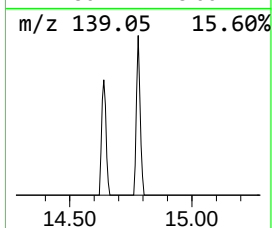
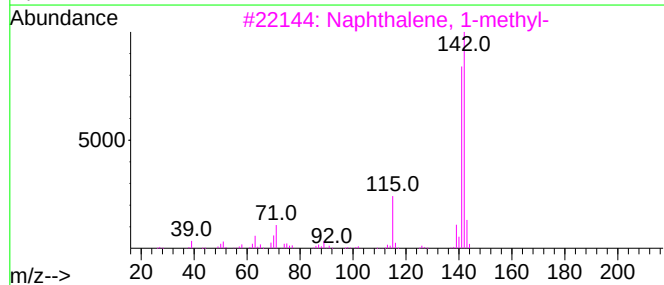
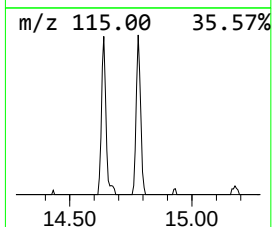
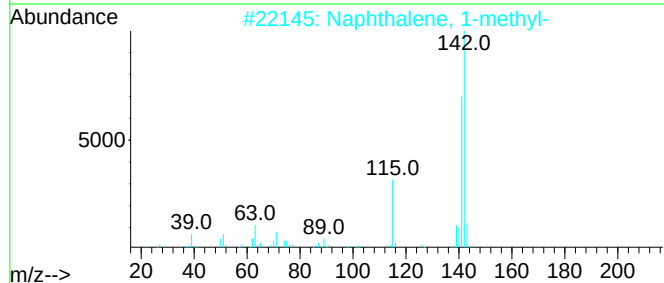
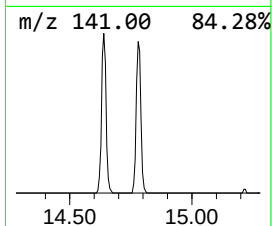
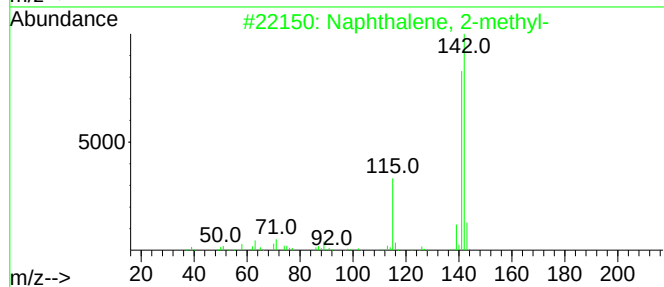
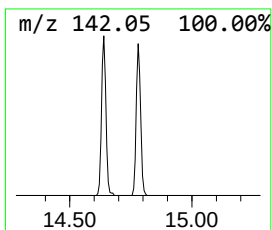
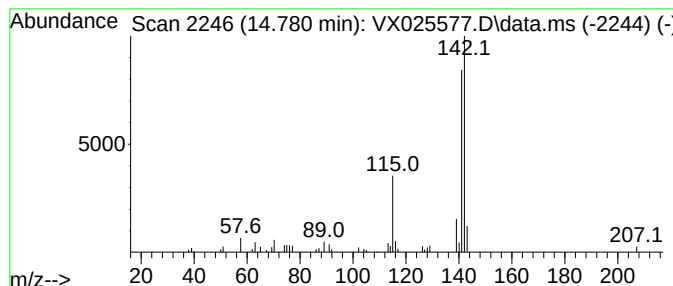
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.780 | 4.53 ug/L | 22897 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2-methyl- | 142 | C11H10  | 000091-57-6 | 94   |
| 2    |    |   | Naphthalene, 1-methyl- | 142 | C11H10  | 000090-12-0 | 91   |
| 3    |    |   | Naphthalene, 1-methyl- | 142 | C11H10  | 000090-12-0 | 91   |
| 4    |    |   | Benzocycloheptatriene  | 142 | C11H10  | 000264-09-5 | 91   |
| 5    |    |   | Naphthalene, 2-methyl- | 142 | C11H10  | 000091-57-6 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
Data File : VX025577.D  
Acq On : 07 Dec 2021 14:20  
Operator : JC/MD  
Sample : M4881-19ME  
Misc : 3.86g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW9F5ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML112221WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

|                    |        |         |       |          | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
| TIC Top Hit name   | RT     | EstConc | Units | Response | #                     | RT     | Resp   | Conc |
| (DEL) Alkane: C... | 4.282  | 2.9     | ug/L  | 12444    | 1                     | 6.763  | 212491 | 50.0 |
| (DEL) Alkane: C... | 6.354  | 4.3     | ug/L  | 18239    | 1                     | 6.763  | 212491 | 50.0 |
| (DEL) Alkane: C... | 9.616  | 2.6     | ug/L  | 12781    | 2                     | 10.061 | 247698 | 50.0 |
| Benzene, 1-ethy... | 12.091 | 2.5     | ug/L  | 12734    | 3                     | 12.024 | 252965 | 50.0 |
| (DEL) Alkane: S... | 12.427 | 2.5     | ug/L  | 12776    | 3                     | 12.024 | 252965 | 50.0 |
| (DEL) Alkane: S... | 13.268 | 3.5     | ug/L  | 17857    | 3                     | 12.024 | 252965 | 50.0 |
| Azulene            | 13.780 | 6.0     | ug/L  | 30307    | 3                     | 12.024 | 252965 | 50.0 |
| Naphthalene, 2-... | 14.640 | 5.3     | ug/L  | 27046    | 3                     | 12.024 | 252965 | 50.0 |
| Naphthalene, 1-... | 14.780 | 4.5     | ug/L  | 22897    | 3                     | 12.024 | 252965 | 50.0 |