

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\  
 Data File : VW010615.D  
 Acq On : 30 May 2019 15:30  
 Operator : SY/VA  
 Sample : K3097-04  
 Misc : 4.10G/5ML/MSVOA W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 0424-HR-4(HACKENSACK)

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M

Title : SW846 8260

Signal : TIC

| 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         | 1.959       | 5             | 9           | 24           | rVB3     | 4429           | 12866         | 1.86%           | 0.261%        |
| 2         | 2.349       | 66            | 73          | 80           | rVB      | 8924           | 14601         | 2.12%           | 0.296%        |
| 3         | 2.635       | 114           | 120         | 126          | rBV3     | 5076           | 10652         | 1.54%           | 0.216%        |
| 4         | 3.025       | 178           | 184         | 191          | rBV      | 16089          | 33252         | 4.82%           | 0.674%        |
| 5         | 3.385       | 233           | 243         | 253          | rBV      | 32699          | 73319         | 10.62%          | 1.486%        |
| 6         | 4.958       | 481           | 501         | 513          | rBV5     | 16616          | 69935         | 10.13%          | 1.417%        |
| 7         | 5.434       | 568           | 579         | 595          | rVB2     | 16103          | 55105         | 7.98%           | 1.117%        |
| 8         | 5.940       | 646           | 662         | 677          | rBV2     | 53758          | 162772        | 23.58%          | 3.298%        |
| 9         | 6.226       | 700           | 709         | 715          | rBV3     | 3071           | 8631          | 1.25%           | 0.175%        |
| 10        | 6.988       | 823           | 834         | 844          | rBV3     | 3704           | 10400         | 1.51%           | 0.211%        |
| 11        | 7.141       | 850           | 859         | 875          | rBV2     | 7191           | 21434         | 3.11%           | 0.434%        |
| 12        | 7.884       | 970           | 981         | 986          | rBV      | 90594          | 235564        | 34.13%          | 4.773%        |
| 13        | 7.945       | 986           | 991         | 1000         | rVV      | 165789         | 386477        | 55.99%          | 7.831%        |
| 14        | 8.043       | 1000          | 1007        | 1018         | rVB2     | 9228           | 24603         | 3.56%           | 0.499%        |
| 15        | 8.159       | 1018          | 1026        | 1034         | rBV      | 33511          | 76906         | 11.14%          | 1.558%        |
| 16        | 8.256       | 1034          | 1042        | 1045         | rBV2     | 24672          | 57190         | 8.29%           | 1.159%        |
| 17        | 8.305       | 1045          | 1050        | 1063         | rVB      | 87156          | 189218        | 27.41%          | 3.834%        |
| 18        | 8.421       | 1063          | 1069        | 1078         | rVB4     | 5909           | 14118         | 2.05%           | 0.286%        |
| 19        | 8.531       | 1078          | 1087        | 1092         | rBV4     | 4733           | 11432         | 1.66%           | 0.232%        |
| 20        | 8.592       | 1092          | 1097        | 1105         | rVB4     | 3370           | 8466          | 1.23%           | 0.172%        |
| 21        | 8.695       | 1105          | 1114        | 1127         | rVB      | 58197          | 122136        | 17.70%          | 2.475%        |
| 22        | 8.841       | 1129          | 1138        | 1146         | rBV      | 253442         | 512287        | 74.22%          | 10.380%       |
| 23        | 8.994       | 1158          | 1163        | 1170         | rVB3     | 4517           | 8926          | 1.29%           | 0.181%        |
| 24        | 9.091       | 1170          | 1179        | 1190         | rVB9     | 3178           | 8494          | 1.23%           | 0.172%        |
| 25        | 9.518       | 1243          | 1249        | 1256         | rVB4     | 5980           | 12055         | 1.75%           | 0.244%        |
| 26        | 9.756       | 1282          | 1288        | 1292         | rBV3     | 4132           | 8395          | 1.22%           | 0.170%        |
| 27        | 9.902       | 1308          | 1312        | 1316         | rVV4     | 6628           | 11406         | 1.65%           | 0.231%        |
| 28        | 9.957       | 1316          | 1321        | 1324         | rVV3     | 11244          | 20024         | 2.90%           | 0.406%        |
| 29        | 9.988       | 1324          | 1326        | 1334         | rVB2     | 9438           | 14946         | 2.17%           | 0.303%        |
| 30        | 10.097      | 1334          | 1344        | 1355         | rBV3     | 21690          | 57243         | 8.29%           | 1.160%        |
| 31        | 10.323      | 1374          | 1381        | 1391         | rBV      | 385091         | 690226        | 100.00%         | 13.986%       |
| 32        | 10.408      | 1391          | 1395        | 1404         | rVB7     | 4733           | 9628          | 1.39%           | 0.195%        |
| 33        | 10.506      | 1404          | 1411        | 1417         | rBV2     | 35172          | 63984         | 9.27%           | 1.296%        |
| 34        | 10.567      | 1417          | 1421        | 1426         | rVB2     | 6693           | 10988         | 1.59%           | 0.223%        |

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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
0424-HR-4(HACKENSACK)

## Integration Parameters: RTEINT.P

Integrator: RTE  
Smoothing : ON  
Sampling : 1  
Start Thrs: 0.2  
Stop Thrs : 0

Filtering: 5  
Min Area: 3 % of largest Peak  
Max Peaks: 100  
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Title : SW846 8260

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 10.628 | 1426 | 1431 | 1435 | rVB3 | 6490   | 10718  | 1.55%  | 0.217%  |
| 36 | 10.701 | 1435 | 1443 | 1448 | rBV4 | 6317   | 14516  | 2.10%  | 0.294%  |
| 37 | 11.292 | 1532 | 1540 | 1545 | rVB6 | 6480   | 15716  | 2.28%  | 0.318%  |
| 38 | 11.408 | 1550 | 1559 | 1563 | rBV3 | 8457   | 20583  | 2.98%  | 0.417%  |
| 39 | 11.512 | 1571 | 1576 | 1585 | rVB  | 10864  | 18877  | 2.73%  | 0.382%  |
| 40 | 11.634 | 1588 | 1596 | 1606 | rVB  | 338986 | 572054 | 82.88% | 11.591% |
| 41 | 11.731 | 1606 | 1612 | 1617 | rBV4 | 7602   | 12970  | 1.88%  | 0.263%  |
| 42 | 11.841 | 1621 | 1630 | 1640 | rVB5 | 14280  | 35911  | 5.20%  | 0.728%  |
| 43 | 12.463 | 1723 | 1732 | 1737 | rBV6 | 4608   | 12313  | 1.78%  | 0.249%  |
| 44 | 12.512 | 1737 | 1740 | 1748 | rVV7 | 3820   | 8823   | 1.28%  | 0.179%  |
| 45 | 12.621 | 1750 | 1758 | 1767 | rVB  | 274131 | 459902 | 66.63% | 9.319%  |
| 46 | 12.932 | 1804 | 1809 | 1817 | rBV7 | 7676   | 16142  | 2.34%  | 0.327%  |
| 47 | 13.200 | 1845 | 1853 | 1859 | rBV8 | 3505   | 7876   | 1.14%  | 0.160%  |
| 48 | 13.475 | 1894 | 1898 | 1904 | rVV8 | 4725   | 8689   | 1.26%  | 0.176%  |
| 49 | 13.560 | 1905 | 1912 | 1921 | rVB  | 343199 | 547001 | 79.25% | 11.084% |
| 50 | 13.761 | 1939 | 1945 | 1951 | rBV  | 33217  | 55300  | 8.01%  | 1.121%  |
| 51 | 13.877 | 1960 | 1964 | 1969 | rVB6 | 5963   | 9584   | 1.39%  | 0.194%  |
| 52 | 14.133 | 2003 | 2006 | 2013 | rVB4 | 7885   | 12308  | 1.78%  | 0.249%  |
| 53 | 14.212 | 2013 | 2019 | 2025 | rVB  | 8805   | 15957  | 2.31%  | 0.323%  |
| 54 | 14.389 | 2043 | 2048 | 2052 | rBV5 | 6718   | 13676  | 1.98%  | 0.277%  |
| 55 | 14.499 | 2063 | 2066 | 2071 | rBV6 | 4286   | 7971   | 1.15%  | 0.162%  |
| 56 | 14.810 | 2111 | 2117 | 2121 | rBV3 | 10328  | 22909  | 3.32%  | 0.464%  |
| 57 | 15.743 | 2266 | 2270 | 2277 | rVB8 | 4410   | 7748   | 1.12%  | 0.157%  |

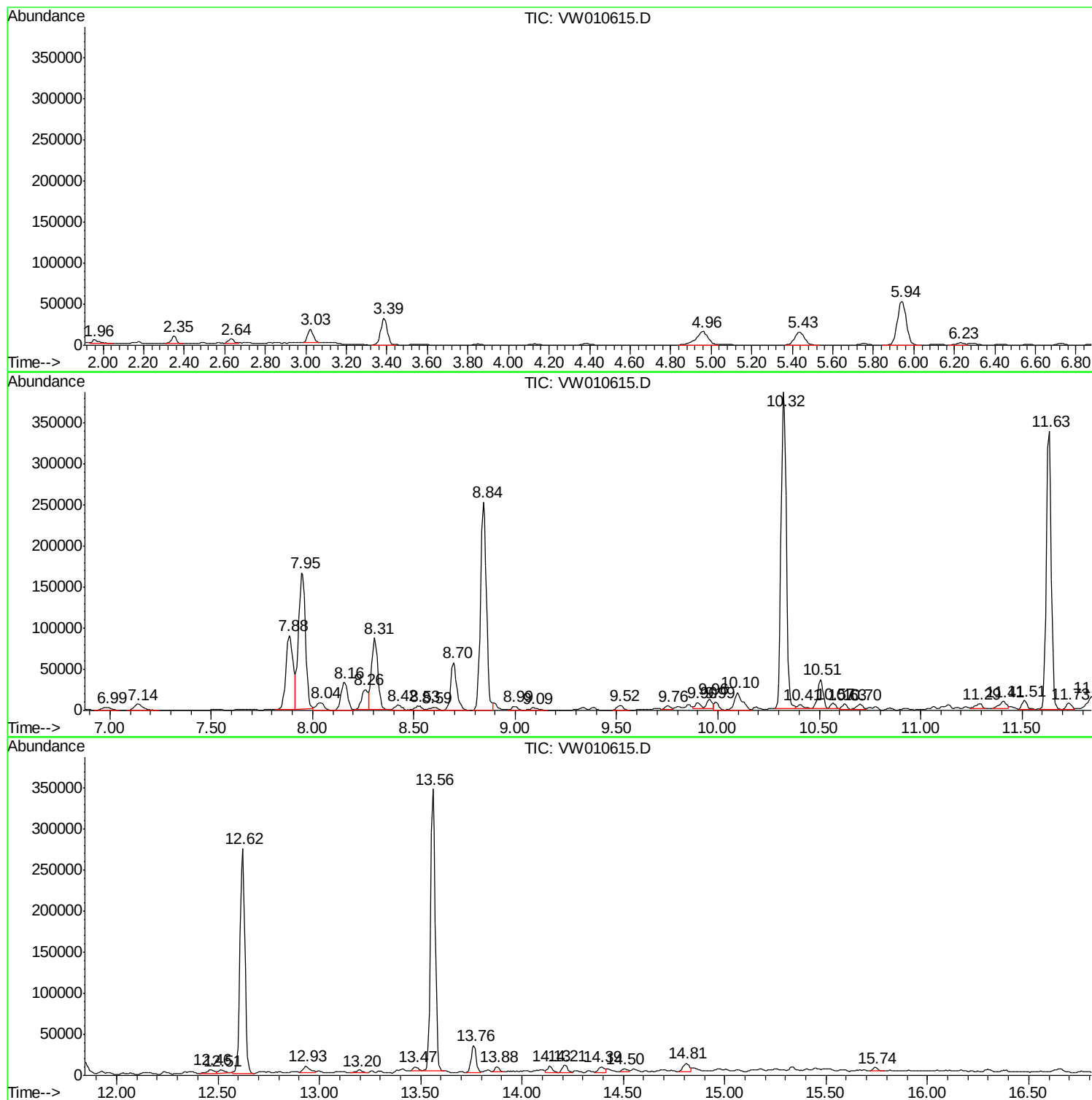
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
0424-HR-4(HACKENSACK)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053019\  
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Sample : K3097-04  
Misc : 4.10G/5ML/MSVOA W/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
0424-HR-4(HACKENSACK)

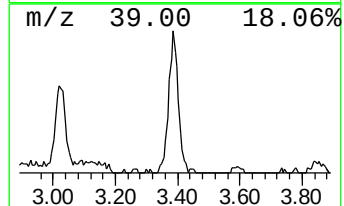
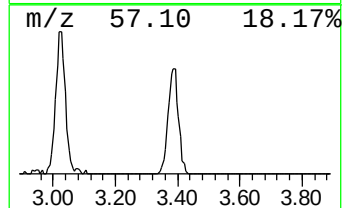
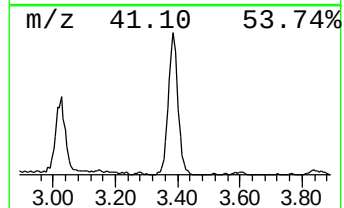
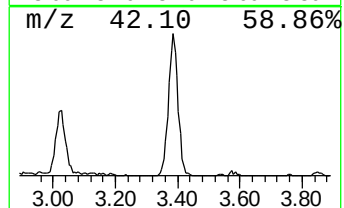
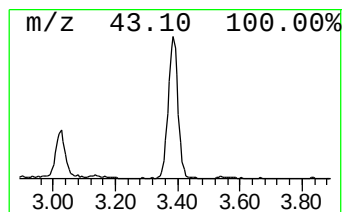
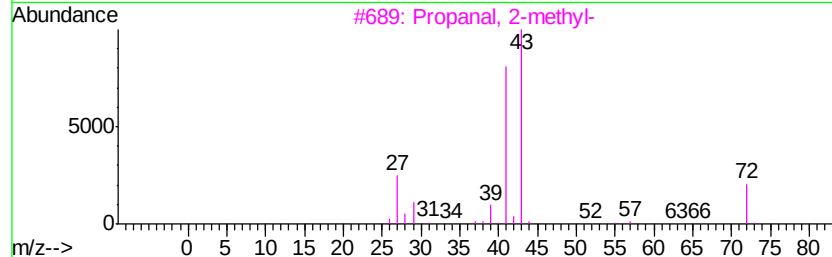
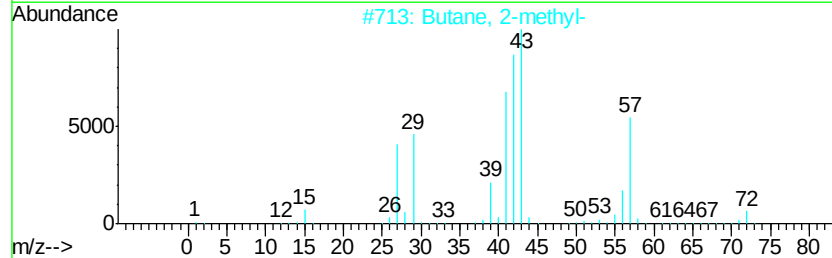
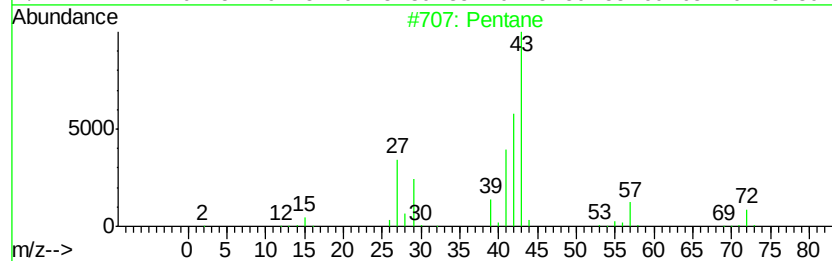
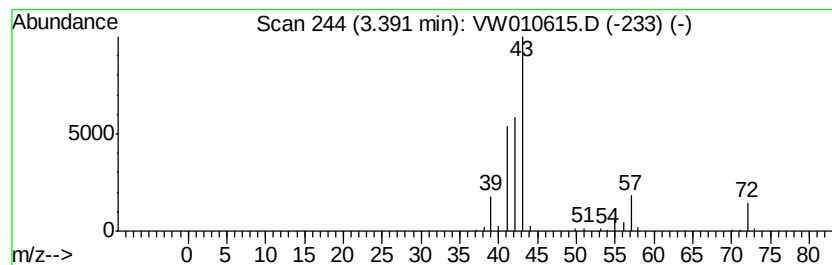
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Pentane Concentration Rank 4

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 3.39 | 9.49 ug/l | 73319 | Pentafluorobenzene | 7.95 |

| Hit# | of | Tentative ID              | MW | MolForm | CAS#        | Qual |
|------|----|---------------------------|----|---------|-------------|------|
| 1    | 5  | Pentane                   | 72 | C5H12   | 000109-66-0 | 90   |
| 2    |    | Butane, 2-methyl-         | 72 | C5H12   | 000078-78-4 | 38   |
| 3    |    | Propanal, 2-methyl-       | 72 | C4H8O   | 000078-84-2 | 27   |
| 4    |    | Diaziridine,3,3-dimethyl- | 72 | C3H8N2  | 004901-76-2 | 9    |
| 5    |    | 2-Butanone                | 72 | C4H8O   | 000078-93-3 | 9    |



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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
0424-HR-4(HACKENSACK)

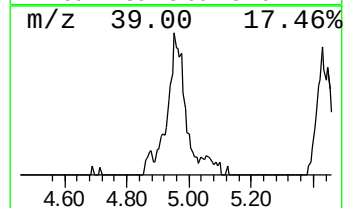
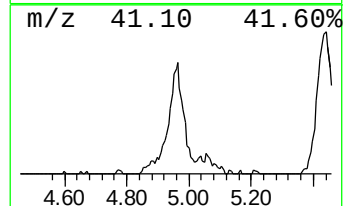
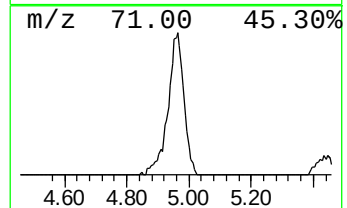
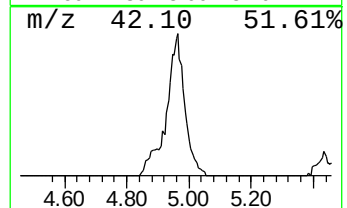
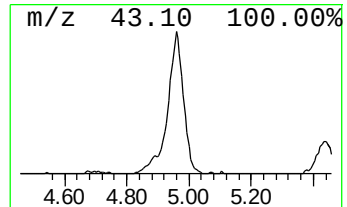
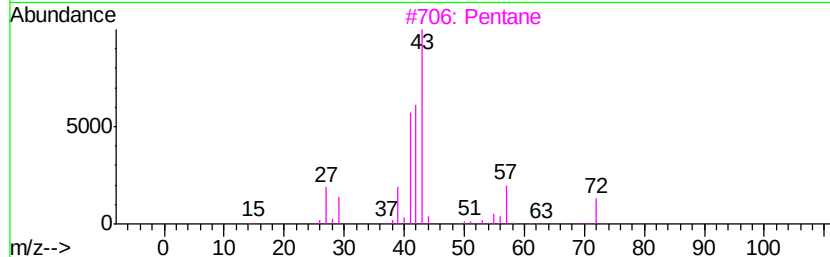
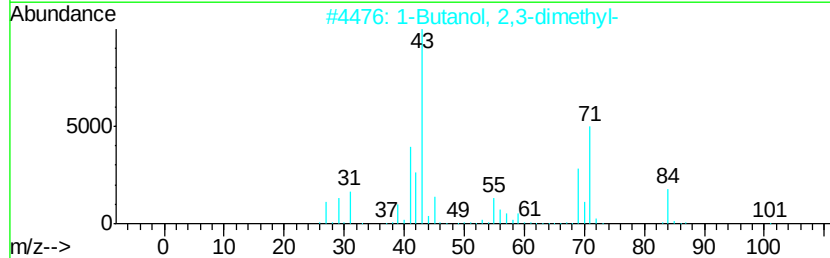
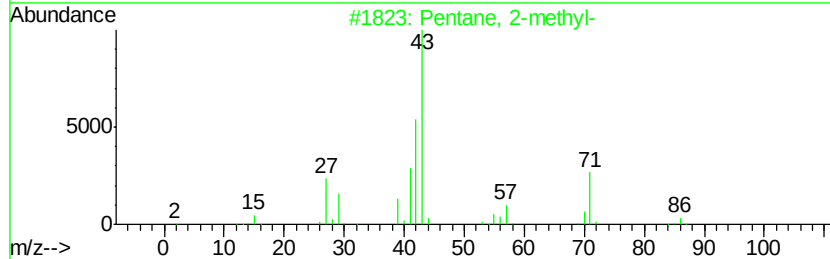
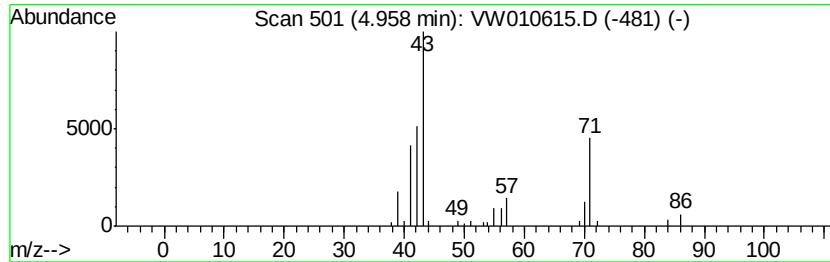
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Pentane, 2-methyl- Concentration Rank 5

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 4.96 | 9.05 ug/l | 69935 | Pentafluorobenzene | 7.95 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane, 2-methyl-       | 86  | C6H14   | 000107-83-5 | 91   |
| 2    |    |   | 1-Butanol, 2,3-dimethyl- | 102 | C6H14O  | 019550-30-2 | 38   |
| 3    |    |   | Pentane                  | 72  | C5H12   | 000109-66-0 | 38   |
| 4    |    |   | Pentane, 3,3-dimethyl-   | 100 | C7H16   | 000562-49-2 | 37   |
| 5    |    |   | Hexane, 2,3-dimethyl-    | 114 | C8H18   | 000584-94-1 | 28   |



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MSVOA\_W  
ClientSampleId :  
0424-HR-4(HACKENSACK)

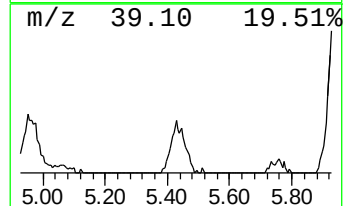
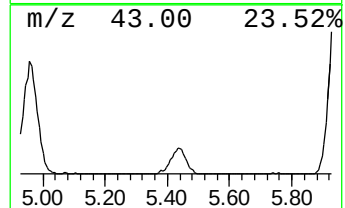
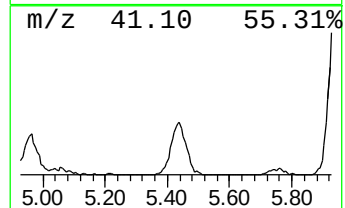
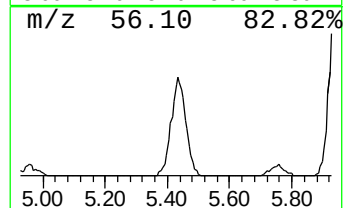
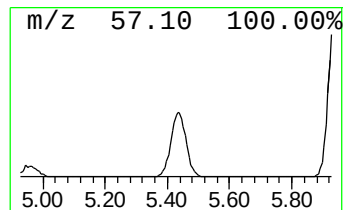
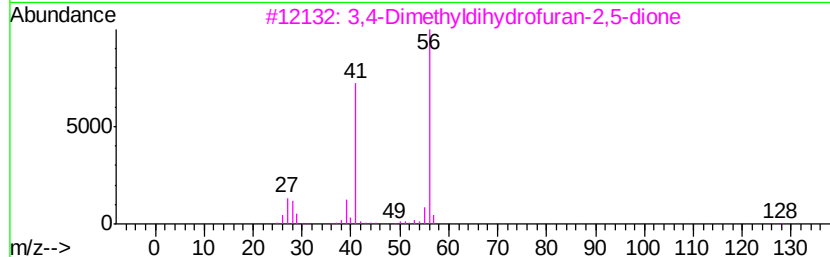
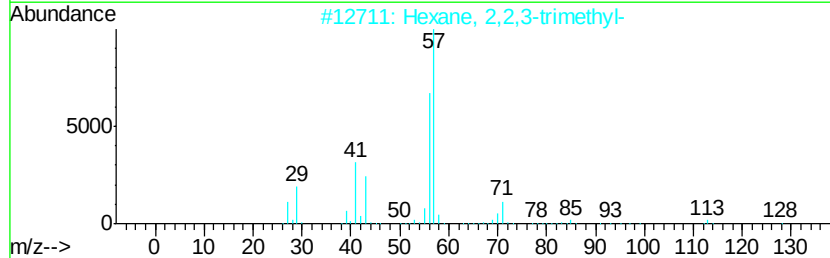
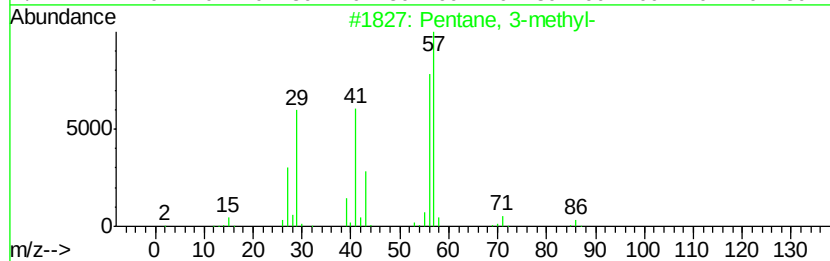
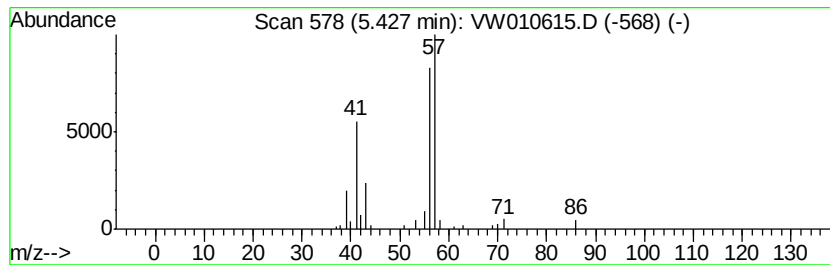
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Pentane, 3-methyl- Concentration Rank 6

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 5.43 | 7.13 ug/l | 55105 | Pentafluorobenzene | 7.95 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentane, 3-methyl-                 | 86  | C6H14   | 000096-14-0 | 90   |
| 2    |    | Hexane, 2,2,3-trimethyl-           | 128 | C9H20   | 016747-25-4 | 64   |
| 3    |    | 3,4-Dimethyldihydrofuran-2,5-dione | 128 | C6H8O3  | 007475-92-5 | 53   |
| 4    |    | Oxirane, (1-methylethyl)-          | 86  | C5H10O  | 001438-14-8 | 45   |
| 5    |    | Butane, 2,2,3-trimethyl-           | 100 | C7H16   | 000464-06-2 | 40   |



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 MSVOA\_W  
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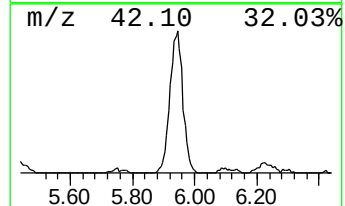
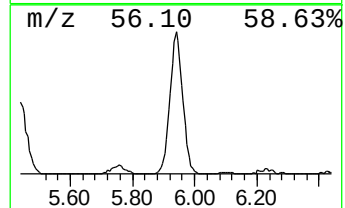
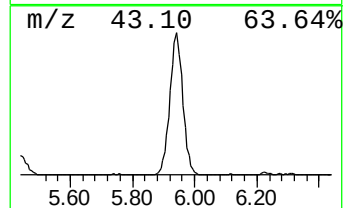
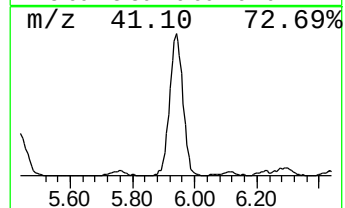
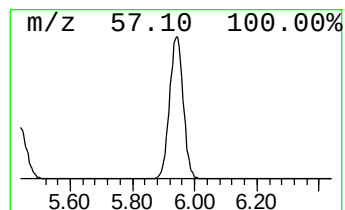
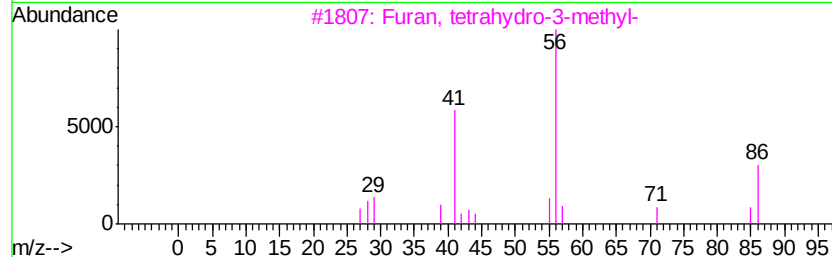
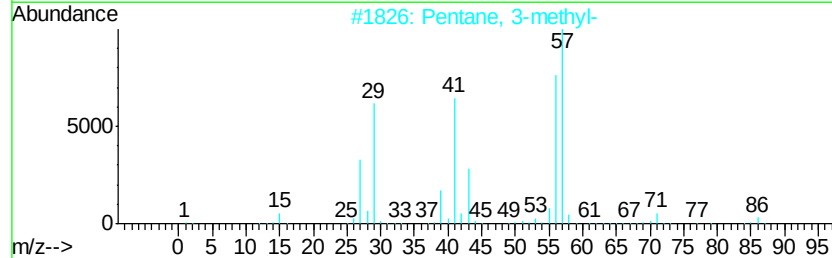
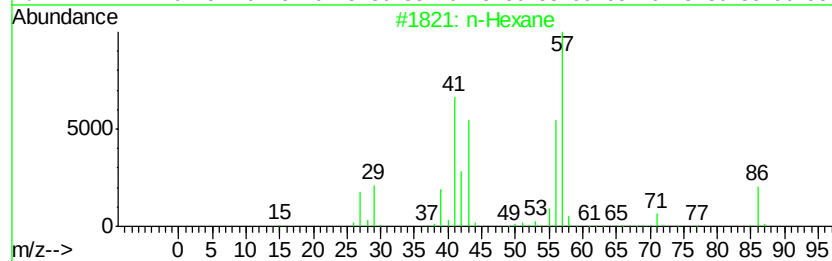
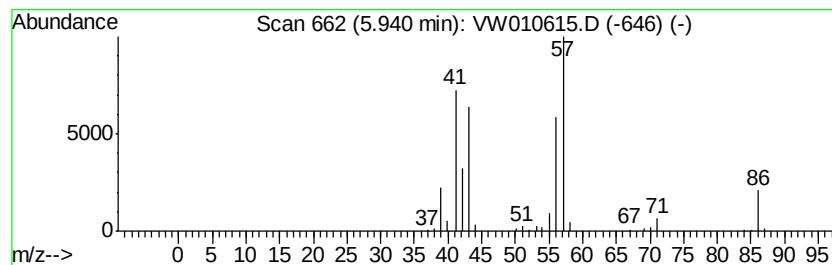
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 Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 4 n-Hexane Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 5.94 | 21.06 ug/l | 162772 | Pentafluorobenzene | 7.95 |

| Hit# | of | Tentative ID                | MW | MolForm | CAS#        | Qual |
|------|----|-----------------------------|----|---------|-------------|------|
| 1    | 5  | n-Hexane                    | 86 | C6H14   | 000110-54-3 | 94   |
| 2    |    | Pentane, 3-methyl-          | 86 | C6H14   | 000096-14-0 | 50   |
| 3    |    | Furan, tetrahydro-3-methyl- | 86 | C5H10O  | 013423-15-9 | 38   |
| 4    |    | Propanal, 2,2-dimethyl-     | 86 | C5H10O  | 000630-19-3 | 35   |
| 5    |    | 3-Pentanone                 | 86 | C5H10O  | 000096-22-0 | 35   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053019\  
Data File : VW010615.D  
Acq On : 30 May 2019 15:30  
Operator : SY/VA  
Sample : K3097-04  
Misc : 4.10G/5ML/MSVOA W/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
0424-HR-4(HACKENSACK)

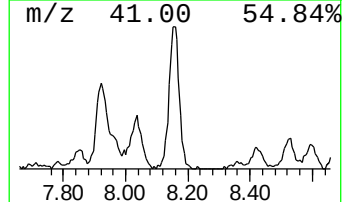
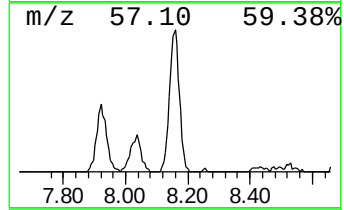
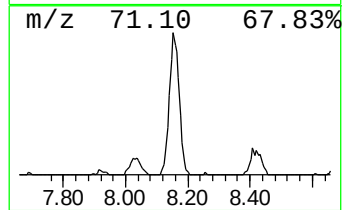
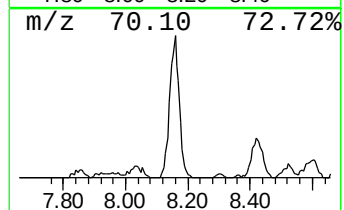
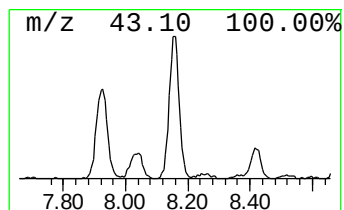
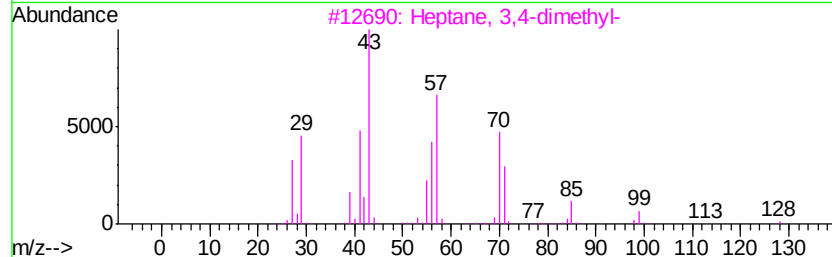
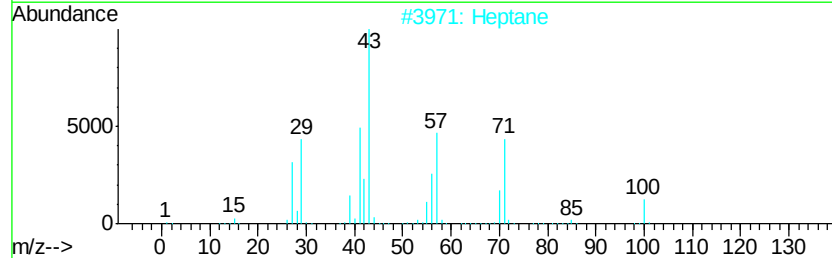
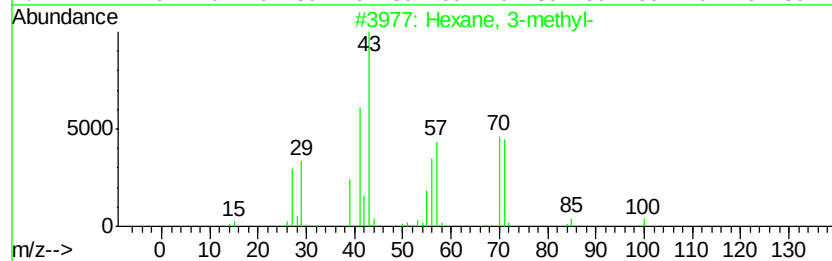
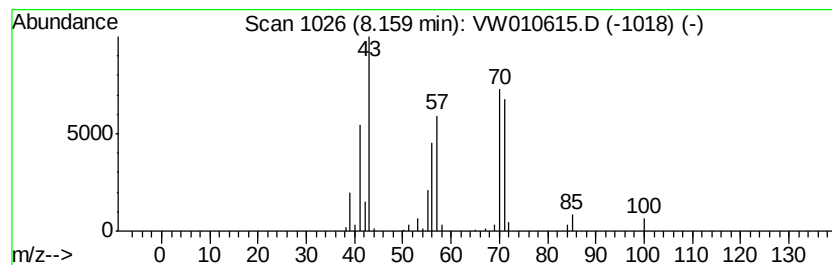
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Hexane, 3-methyl- Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 8.16 | 9.95 ug/l | 76906 | Pentafluorobenzene | 7.95 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexane, 3-methyl-        | 100 | C7H16   | 000589-34-4 | 94   |
| 2    |    | Heptane                  | 100 | C7H16   | 000142-82-5 | 72   |
| 3    |    | Heptane, 3,4-dimethyl-   | 128 | C9H20   | 000922-28-1 | 53   |
| 4    |    | Hexane, 3,3,4-trimethyl- | 128 | C9H20   | 016747-31-2 | 53   |
| 5    |    | Heptane, 4-methyl-       | 114 | C8H18   | 000589-53-7 | 53   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053019\  
Data File : VW010615.D  
Acq On : 30 May 2019 15:30  
Operator : SY/VA  
Sample : K3097-04  
Misc : 4.10G/5ML/MSVOA W/SOIL  
ALS Vial : 11 Sample Multiplier: 1

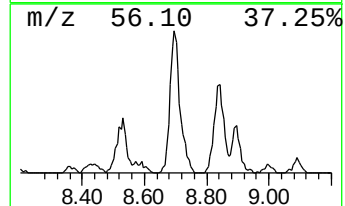
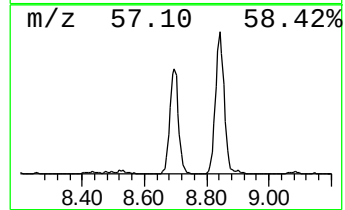
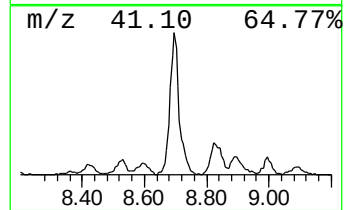
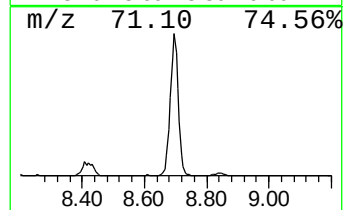
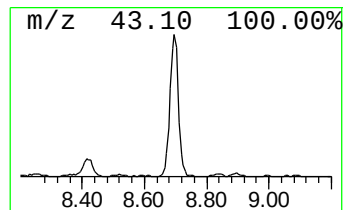
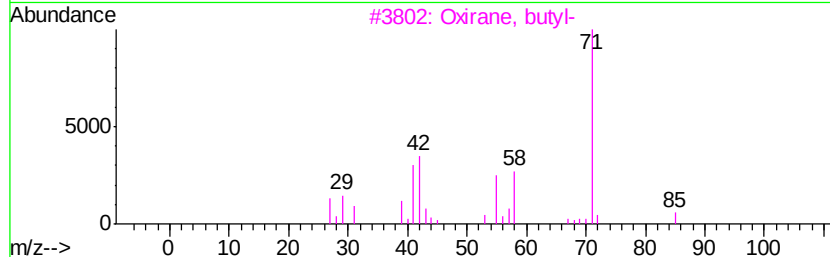
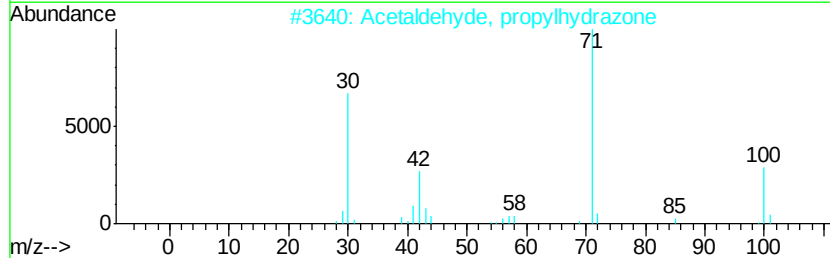
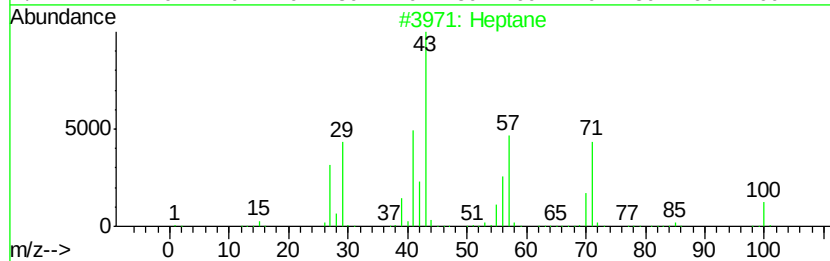
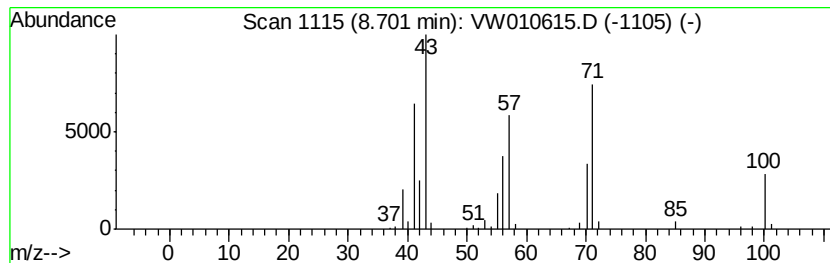
Instrument :  
MSVOA\_W  
ClientSampleId :  
0424-HR-4(HACKENSACK)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Heptane Concentration Rank 2

| R.T.      | EstConc                       | Area   | Relative to ISTD    | R.T.        |      |
|-----------|-------------------------------|--------|---------------------|-------------|------|
| 8.70      | 11.92 ug/l                    | 122136 | 1,4-Difluorobenzene | 8.84        |      |
| Hit# of 5 | Tentative ID                  | MW     | MolForm             | CAS#        | Qual |
| 1         | Heptane                       | 100    | C7H16               | 000142-82-5 | 86   |
| 2         | Acetaldehyde, propylhydrazone | 100    | C5H12N2             | 007422-88-0 | 47   |
| 3         | Oxirane, butyl-               | 100    | C6H12O              | 001436-34-6 | 43   |
| 4         | Hexane, 3-methyl-             | 100    | C7H16               | 000589-34-4 | 42   |
| 5         | 1-Hexene, 3,4,5-trimethyl-    | 126    | C9H18               | 056728-10-0 | 40   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053019\  
Data File : VW010615.D  
Acq On : 30 May 2019 15:30  
Operator : SY/VA  
Sample : K3097-04  
Misc : 4.10G/5ML/MSVOA W/SOIL  
ALS Vial : 11 Sample Multiplier: 1

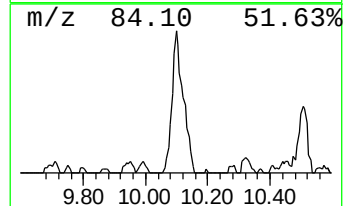
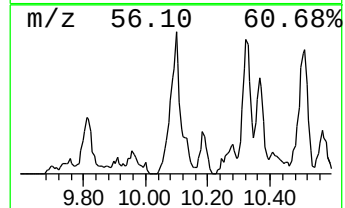
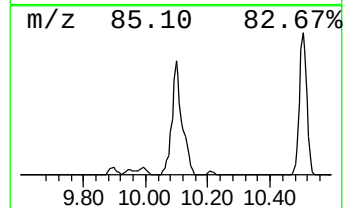
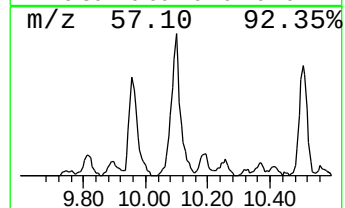
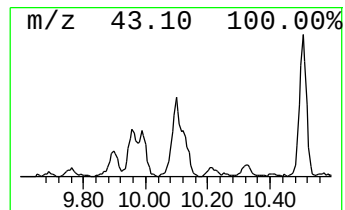
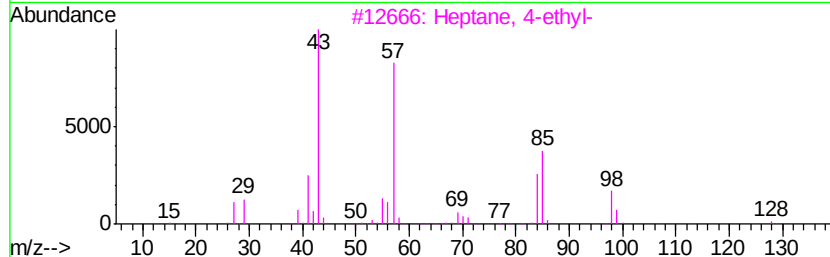
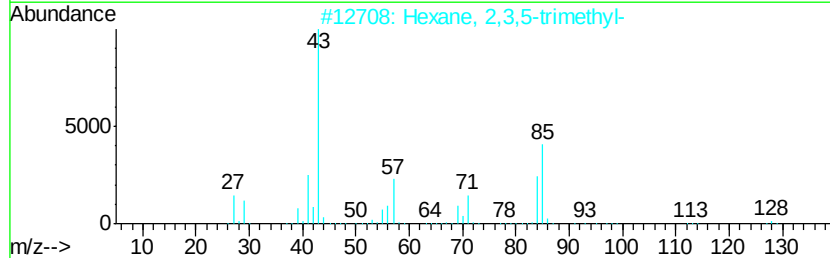
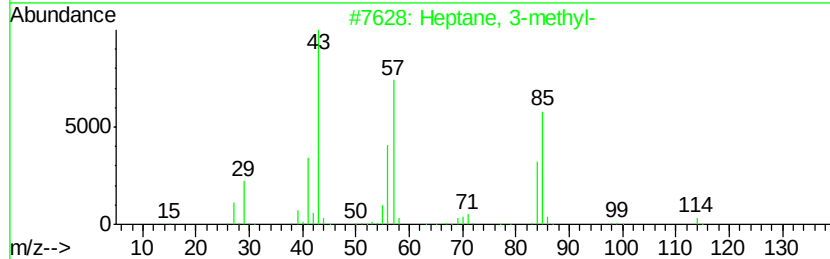
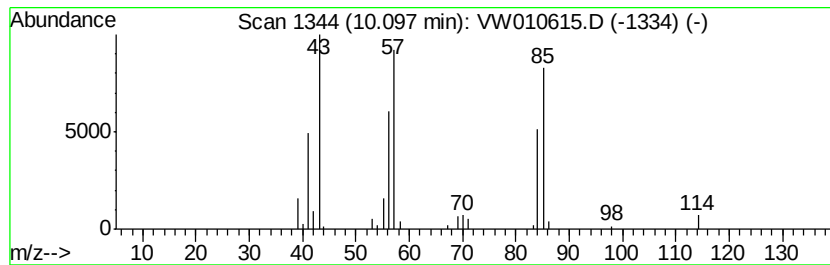
Instrument :  
MSVOA\_W  
ClientSampleId :  
0424-HR-4(HACKENSACK)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Heptane, 3-methyl- Concentration Rank 8

| R.T.    | EstConc                      | Area         | Relative to ISTD    | R.T.      |
|---------|------------------------------|--------------|---------------------|-----------|
| 10.10   | 5.59 ug/l                    | 57243        | 1,4-Difluorobenzene | 8.84      |
| Hit# of | 5                            | Tentative ID | MW MolForm          | CAS# Qual |
| 1       | Heptane, 3-methyl-           | 114 C8H18    | 000589-81-1         | 83        |
| 2       | Hexane, 2,3,5-trimethyl-     | 128 C9H20    | 001069-53-0         | 59        |
| 3       | Heptane, 4-ethyl-            | 128 C9H20    | 002216-32-2         | 59        |
| 4       | Pentane, 2,4-dimethyl-       | 100 C7H16    | 000108-08-7         | 53        |
| 5       | 2-Propanone, propylhydrazone | 114 C6H14N2  | 007423-00-9         | 49        |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053019\  
Data File : VW010615.D  
Acq On : 30 May 2019 15:30  
Operator : SY/VA  
Sample : K3097-04  
Misc : 4.10G/5ML/MSVOA W/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
0424-HR-4(HACKENSACK)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

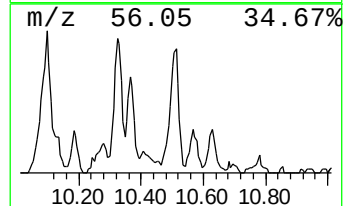
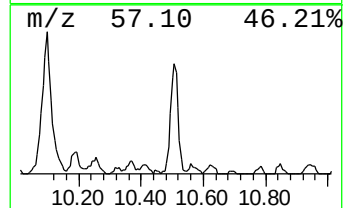
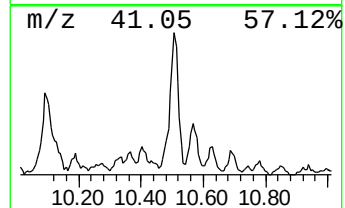
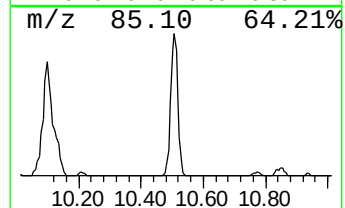
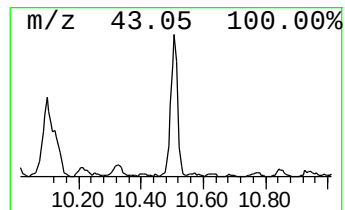
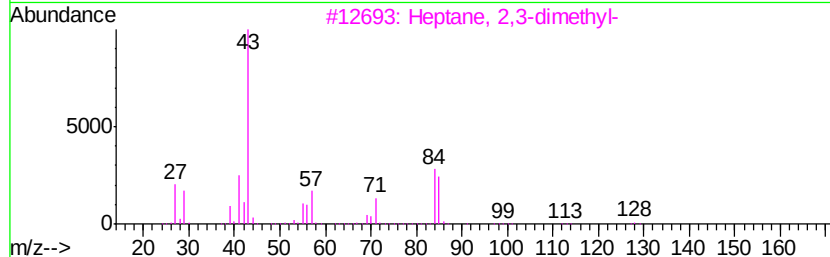
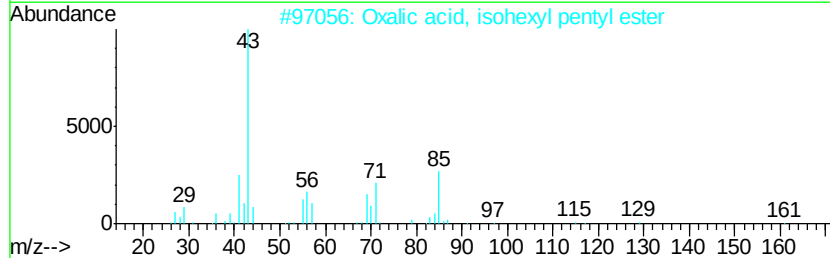
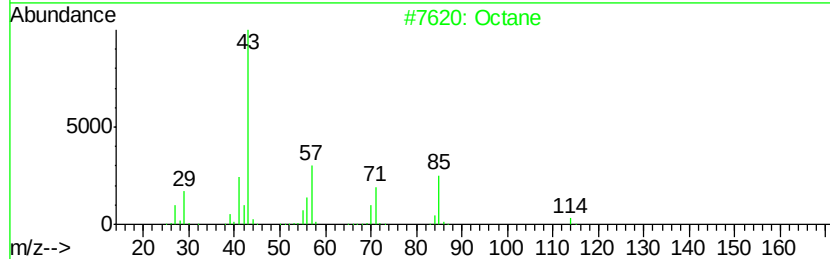
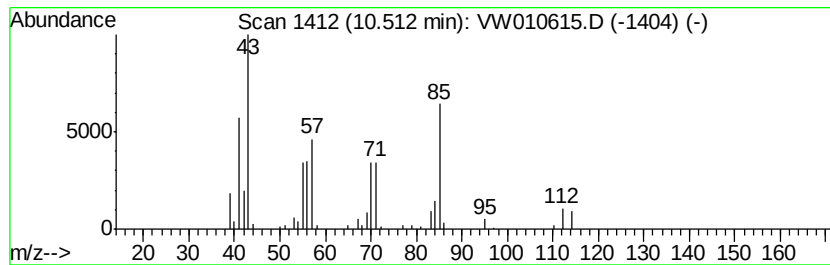
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Octane Concentration Rank 7

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.  |
|-------|-----------|-------|------------------|-------|
| 10.51 | 5.59 ug/l | 63984 | Chlorobenzene-d5 | 11.63 |

| Hit# of | 5                                  | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|---------|------------------------------------|--------------|-----|----------|--------------|------|
| 1       | Octane                             |              | 114 | C8H18    | 000111-65-9  | 87   |
| 2       | Oxalic acid, isohexyl pentyl ester |              | 244 | C13H24O4 | 1000309-32-8 | 72   |
| 3       | Heptane, 2,3-dimethyl-             |              | 128 | C9H20    | 003074-71-3  | 59   |
| 4       | Heptane, 2,4-dimethyl-             |              | 128 | C9H20    | 002213-23-2  | 50   |
| 5       | Oxalic acid, diisohexyl ester      |              | 258 | C14H26O4 | 1000309-32-9 | 43   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053019\  
Data File : VW010615.D  
Acq On : 30 May 2019 15:30  
Operator : SY/VA  
Sample : K3097-04  
Misc : 4.10G/5ML/MSVOA W/SOIL  
ALS Vial : 11 Sample Multiplier: 1

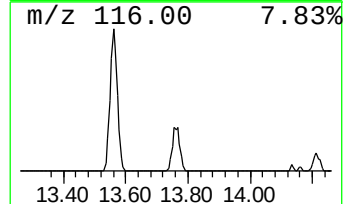
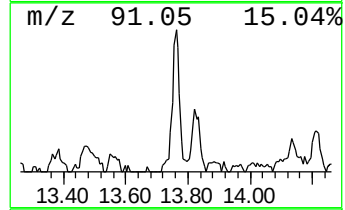
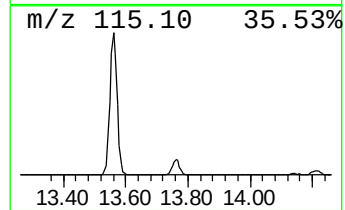
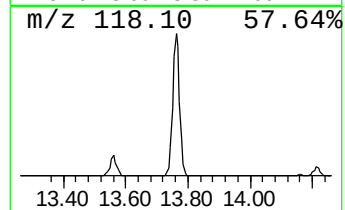
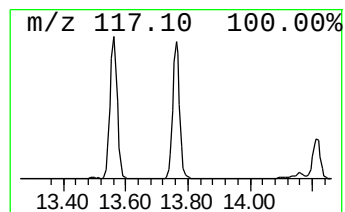
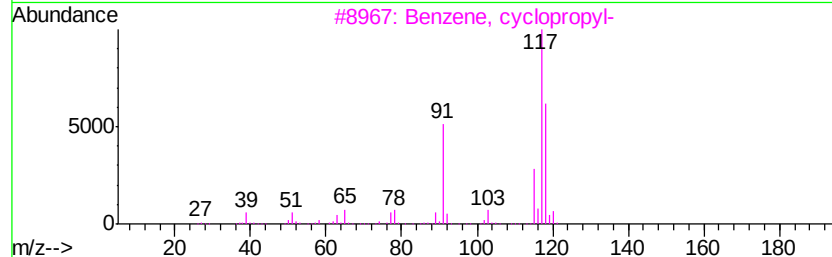
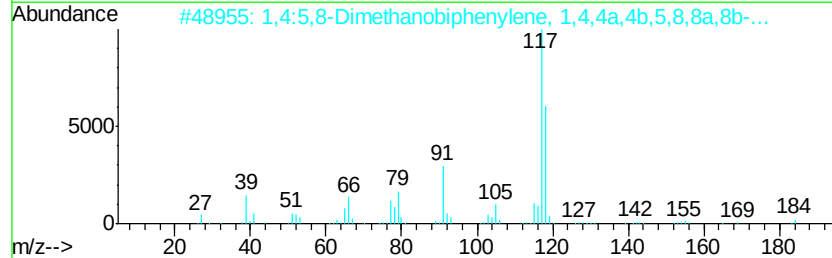
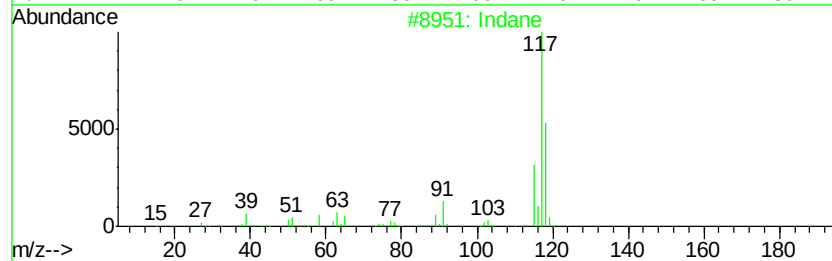
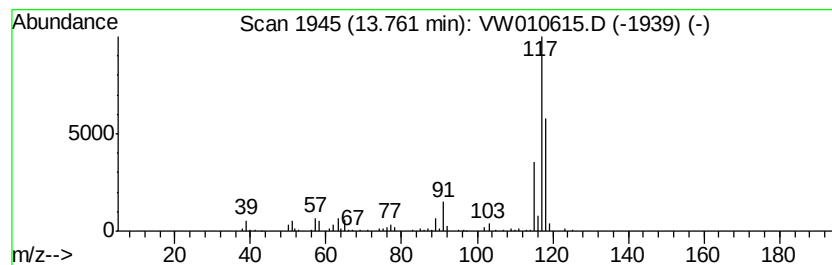
Instrument :  
MSVOA\_W  
ClientSampleId :  
0424-HR-4(HACKENSACK)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Indane Concentration Rank 9

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.            |
|---------|-------------------------------------|--------------|------------------------|-----------------|
| 13.76   | 5.05 ug/l                           | 55300        | 1,4-Dichlorobenzene-d4 | 13.56           |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual       |
| 1       | Indane                              |              | 118 C9H10              | 000496-11-7 87  |
| 2       | 1,4:5,8-Dimethanobiphenylene, 1,... |              | 184 C14H16             | 001624-13-1 72  |
| 3       | Benzene, cyclopropyl-               |              | 118 C9H10              | 000873-49-4 72  |
| 4       | Tetracyclo[3.3.1.0(2,8).0(4,6)]-    |              | 118 C9H10              | 1000191-13-7 72 |
| 5       | Benzene, 1-ethenyl-2-methyl-        |              | 118 C9H10              | 000611-15-4 68  |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW053019\  
Data File : VW010615.D  
Acq On : 30 May 2019 15:30  
Operator : SY/VA  
Sample : K3097-04  
Misc : 4.10G/5ML/MSVOA\_W/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
0424-HR-4(HACKENSACK)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Pentane            | 3.39  | 9.5     | ug/l  | 73319    | 1                     | 7.95  | 386477 | 50.0 |
| Pentane, 2-methyl- | 4.96  | 9.1     | ug/l  | 69935    | 1                     | 7.95  | 386477 | 50.0 |
| Pentane, 3-methyl- | 5.43  | 7.1     | ug/l  | 55105    | 1                     | 7.95  | 386477 | 50.0 |
| n-Hexane           | 5.94  | 21.1    | ug/l  | 162772   | 1                     | 7.95  | 386477 | 50.0 |
| Hexane, 3-methyl-  | 8.16  | 9.9     | ug/l  | 76906    | 1                     | 7.95  | 386477 | 50.0 |
| Heptane            | 8.70  | 11.9    | ug/l  | 122136   | 2                     | 8.84  | 512287 | 50.0 |
| Heptane, 3-methyl- | 10.10 | 5.6     | ug/l  | 57243    | 2                     | 8.84  | 512287 | 50.0 |
| Octane             | 10.51 | 5.6     | ug/l  | 63984    | 3                     | 11.63 | 572054 | 50.0 |
| Indane             | 13.76 | 5.0     | ug/l  | 55300    | 4                     | 13.56 | 547001 | 50.0 |