

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN020320\  
 Data File : VN059981.D  
 Acq On : 3 Feb 2020 17:42  
 Operator : JC/MD  
 Sample : L1346-06 20X  
 Misc : 8.14g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PD-4-(30-32)

## 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\_N\METHODS\82N011320W.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         | 2.420       | 190           | 201         | 213          | rBV7     | 10571          | 22228         | 2.10%           | 0.213%        |
| 2         | 4.564       | 857           | 868         | 889          | rVB7     | 7265           | 23552         | 2.22%           | 0.225%        |
| 3         | 5.030       | 996           | 1013        | 1030         | rVB4     | 4735           | 15980         | 1.51%           | 0.153%        |
| 4         | 5.548       | 1156          | 1174        | 1190         | rVB4     | 8751           | 26013         | 2.46%           | 0.249%        |
| 5         | 6.603       | 1486          | 1502        | 1520         | rBV5     | 8333           | 26063         | 2.46%           | 0.249%        |
| 6         | 7.567       | 1783          | 1802        | 1813         | rBV2     | 126034         | 332093        | 31.37%          | 3.176%        |
| 7         | 7.645       | 1813          | 1826        | 1842         | rVV      | 256842         | 643200        | 60.76%          | 6.151%        |
| 8         | 7.725       | 1843          | 1851        | 1869         | rVB2     | 11980          | 30272         | 2.86%           | 0.290%        |
| 9         | 7.857       | 1877          | 1892        | 1906         | rBV      | 26383          | 63232         | 5.97%           | 0.605%        |
| 10        | 8.005       | 1921          | 1938        | 1957         | rBV      | 138361         | 316090        | 29.86%          | 3.023%        |
| 11        | 8.140       | 1965          | 1980        | 1990         | rBV5     | 10410          | 24993         | 2.36%           | 0.239%        |
| 12        | 8.217       | 1992          | 2004        | 2015         | rVV7     | 9794           | 30049         | 2.84%           | 0.287%        |
| 13        | 8.284       | 2015          | 2025        | 2042         | rVB4     | 7684           | 19540         | 1.85%           | 0.187%        |
| 14        | 8.419       | 2049          | 2067        | 2082         | rVB2     | 33015          | 71797         | 6.78%           | 0.687%        |
| 15        | 8.567       | 2096          | 2113        | 2137         | rBV      | 363399         | 770877        | 72.82%          | 7.372%        |
| 16        | 9.066       | 2244          | 2268        | 2280         | rBV3     | 48463          | 123629        | 11.68%          | 1.182%        |
| 17        | 9.130       | 2280          | 2288        | 2298         | rVB6     | 8438           | 16442         | 1.55%           | 0.157%        |
| 18        | 9.255       | 2317          | 2327        | 2340         | rVB5     | 8719           | 16346         | 1.54%           | 0.156%        |
| 19        | 9.355       | 2340          | 2358        | 2371         | rBV5     | 6887           | 18009         | 1.70%           | 0.172%        |
| 20        | 9.503       | 2392          | 2404        | 2414         | rBV5     | 9826           | 19801         | 1.87%           | 0.189%        |
| 21        | 9.606       | 2425          | 2436        | 2441         | rBV2     | 10416          | 18410         | 1.74%           | 0.176%        |
| 22        | 9.654       | 2443          | 2451        | 2460         | rVB7     | 10649          | 19709         | 1.86%           | 0.188%        |
| 23        | 9.718       | 2460          | 2471        | 2478         | rBV2     | 31831          | 59440         | 5.62%           | 0.568%        |
| 24        | 9.857       | 2495          | 2514        | 2534         | rBV2     | 31757          | 79780         | 7.54%           | 0.763%        |
| 25        | 9.953       | 2536          | 2544        | 2551         | rBV5     | 5991           | 10786         | 1.02%           | 0.103%        |
| 26        | 10.079      | 2569          | 2583        | 2605         | rVV      | 559342         | 1058545       | 100.00%         | 10.124%       |
| 27        | 10.201      | 2608          | 2621        | 2628         | rBV6     | 7402           | 15217         | 1.44%           | 0.146%        |
| 28        | 10.275      | 2628          | 2644        | 2656         | rVB4     | 47763          | 98963         | 9.35%           | 0.946%        |
| 29        | 10.423      | 2683          | 2690        | 2699         | rBV3     | 7804           | 12316         | 1.16%           | 0.118%        |
| 30        | 10.509      | 2708          | 2717        | 2732         | rVB6     | 20412          | 43979         | 4.15%           | 0.421%        |
| 31        | 10.619      | 2741          | 2751        | 2758         | rVB9     | 7426           | 13199         | 1.25%           | 0.126%        |
| 32        | 10.709      | 2769          | 2779        | 2788         | rBV5     | 10944          | 17727         | 1.67%           | 0.170%        |
| 33        | 10.815      | 2804          | 2812        | 2824         | rVV2     | 12440          | 28140         | 2.66%           | 0.269%        |
| 34        | 10.873      | 2824          | 2830        | 2835         | rVV7     | 7182           | 12227         | 1.16%           | 0.117%        |

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 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 10.915 | 2836 | 2843 | 2847 | rVV4 | 9529   | 17415  | 1.65%  | 0.167% |
| 36 | 10.943 | 2847 | 2852 | 2860 | rVV2 | 13851  | 23956  | 2.26%  | 0.229% |
| 37 | 10.998 | 2861 | 2869 | 2879 | rVV5 | 11544  | 23575  | 2.23%  | 0.225% |
| 38 | 11.056 | 2881 | 2887 | 2896 | rVV8 | 6655   | 12465  | 1.18%  | 0.119% |
| 39 | 11.117 | 2899 | 2906 | 2913 | rVV4 | 9110   | 14243  | 1.35%  | 0.136% |
| 40 | 11.194 | 2913 | 2930 | 2950 | rVB3 | 35404  | 89645  | 8.47%  | 0.857% |
| 41 | 11.294 | 2950 | 2961 | 2972 | rBV2 | 28087  | 49929  | 4.72%  | 0.478% |
| 42 | 11.400 | 2981 | 2994 | 3009 | rBV  | 501595 | 887521 | 83.84% | 8.488% |
| 43 | 11.506 | 3016 | 3027 | 3044 | rVB  | 91011  | 158773 | 15.00% | 1.518% |
| 44 | 11.615 | 3044 | 3061 | 3081 | rBV  | 233756 | 511445 | 48.32% | 4.891% |
| 45 | 11.940 | 3145 | 3162 | 3170 | rBV7 | 12925  | 37595  | 3.55%  | 0.360% |
| 46 | 12.040 | 3186 | 3193 | 3203 | rVB  | 8931   | 12865  | 1.22%  | 0.123% |
| 47 | 12.114 | 3207 | 3216 | 3223 | rVV7 | 8315   | 13457  | 1.27%  | 0.129% |
| 48 | 12.159 | 3224 | 3230 | 3238 | rVB6 | 7523   | 11931  | 1.13%  | 0.114% |
| 49 | 12.246 | 3250 | 3257 | 3266 | rBV2 | 12211  | 18875  | 1.78%  | 0.181% |
| 50 | 12.397 | 3294 | 3304 | 3316 | rVB  | 401506 | 662602 | 62.60% | 6.337% |
| 51 | 12.586 | 3345 | 3363 | 3373 | rBV  | 60900  | 103299 | 9.76%  | 0.988% |
| 52 | 12.651 | 3373 | 3383 | 3389 | rVV  | 140250 | 229945 | 21.72% | 2.199% |
| 53 | 12.683 | 3390 | 3393 | 3400 | rVV  | 86155  | 118804 | 11.22% | 1.136% |
| 54 | 12.728 | 3400 | 3407 | 3419 | rVB2 | 133329 | 212804 | 20.10% | 2.035% |
| 55 | 12.889 | 3445 | 3457 | 3473 | rBV  | 59048  | 107723 | 10.18% | 1.030% |
| 56 | 12.959 | 3473 | 3479 | 3491 | rVB6 | 10430  | 16055  | 1.52%  | 0.154% |
| 57 | 13.037 | 3492 | 3503 | 3514 | rBV  | 321181 | 502268 | 47.45% | 4.804% |
| 58 | 13.233 | 3561 | 3564 | 3573 | rVB4 | 11952  | 14354  | 1.36%  | 0.137% |
| 59 | 13.284 | 3573 | 3580 | 3585 | rBV4 | 11077  | 15261  | 1.44%  | 0.146% |
| 60 | 13.342 | 3585 | 3598 | 3617 | rVV2 | 530178 | 999335 | 94.41% | 9.557% |
| 61 | 13.541 | 3642 | 3660 | 3666 | rBV2 | 100977 | 205989 | 19.46% | 1.970% |
| 62 | 13.583 | 3666 | 3673 | 3691 | rVB4 | 99120  | 198950 | 18.79% | 1.903% |
| 63 | 13.670 | 3691 | 3700 | 3709 | rBV2 | 37658  | 58350  | 5.51%  | 0.558% |
| 64 | 13.738 | 3714 | 3721 | 3729 | rVB  | 21352  | 31584  | 2.98%  | 0.302% |
| 65 | 13.799 | 3732 | 3740 | 3744 | rBV  | 42822  | 60753  | 5.74%  | 0.581% |
| 66 | 13.885 | 3759 | 3767 | 3777 | rBV  | 87970  | 132847 | 12.55% | 1.271% |
| 67 | 13.943 | 3778 | 3785 | 3792 | rVV3 | 17024  | 24131  | 2.28%  | 0.231% |
| 68 | 13.992 | 3792 | 3800 | 3811 | rVB2 | 59681  | 94646  | 8.94%  | 0.905% |
| 69 | 14.127 | 3834 | 3842 | 3851 | rBV3 | 22028  | 46402  | 4.38%  | 0.444% |
| 70 | 14.207 | 3860 | 3867 | 3873 | rBV  | 42298  | 64640  | 6.11%  | 0.618% |
| 71 | 14.246 | 3874 | 3879 | 3887 | rVB  | 61074  | 86647  | 8.19%  | 0.829% |

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Instrument :  
MSVOA\_N  
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PD-4-(30-32)

## 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\_N\METHODS\82N011320W.M  
Title : SW846 8260

|    |        |      |      |      |      |       |        |        |        |
|----|--------|------|------|------|------|-------|--------|--------|--------|
| 72 | 14.294 | 3888 | 3894 | 3900 | rBV3 | 34850 | 47748  | 4.51%  | 0.457% |
| 73 | 14.432 | 3931 | 3937 | 3942 | rBV2 | 16512 | 23221  | 2.19%  | 0.222% |
| 74 | 14.474 | 3943 | 3950 | 3959 | rVV2 | 54138 | 91044  | 8.60%  | 0.871% |
| 75 | 14.522 | 3960 | 3965 | 3974 | rVB  | 57084 | 76921  | 7.27%  | 0.736% |
| 76 | 14.590 | 3975 | 3986 | 3996 | rBV4 | 92697 | 193693 | 18.30% | 1.852% |
| 77 | 14.647 | 3999 | 4004 | 4017 | rVB6 | 25694 | 53888  | 5.09%  | 0.515% |

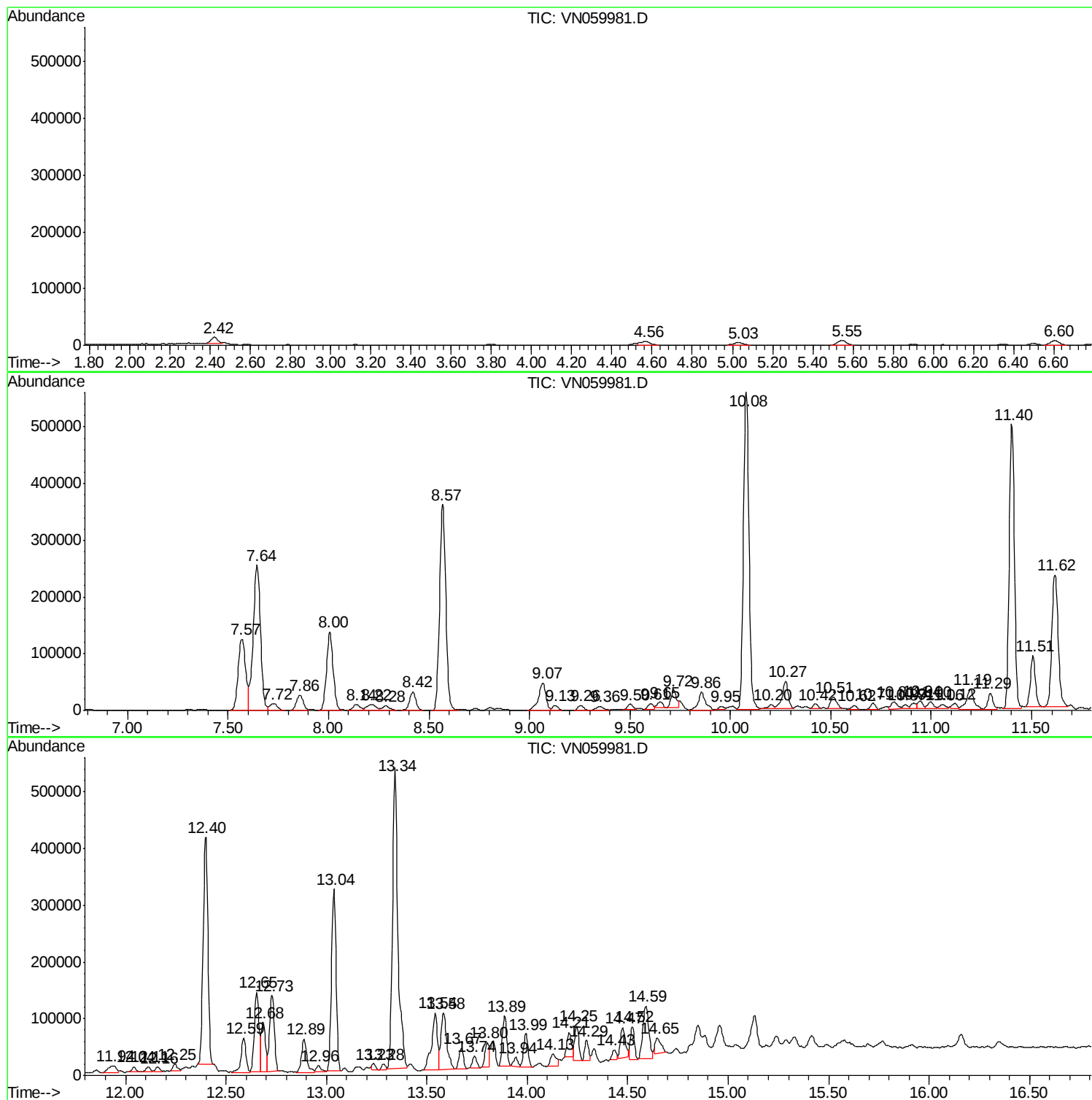
Sum of corrected areas: 10456238

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020320\  
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PD-4-(30-32)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
Quant Title : SW846 8260

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



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PD-4-(30-32)

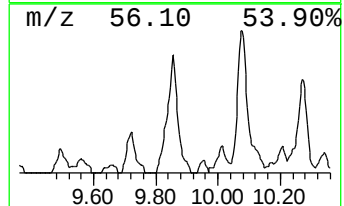
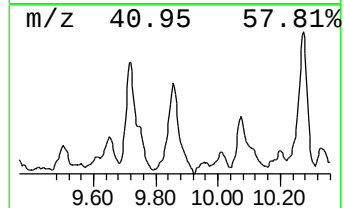
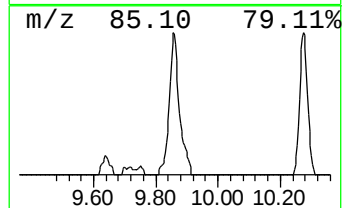
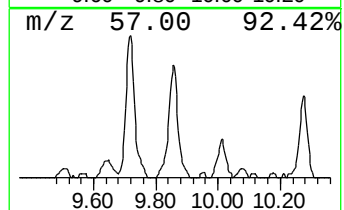
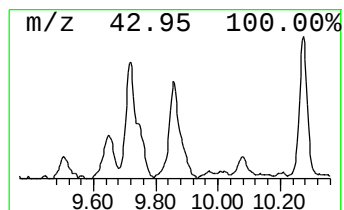
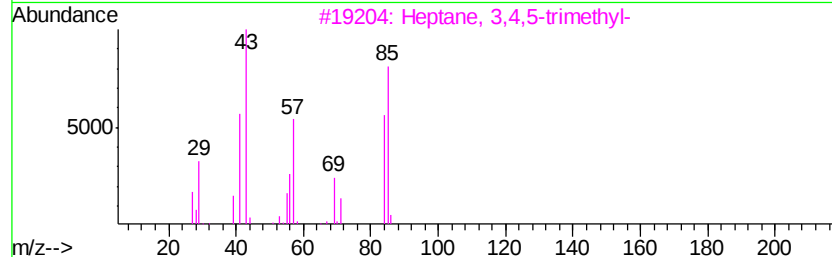
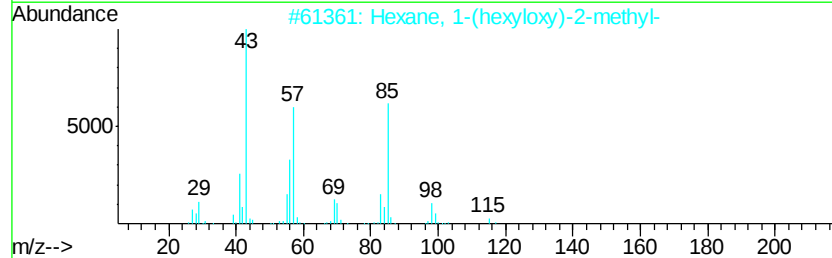
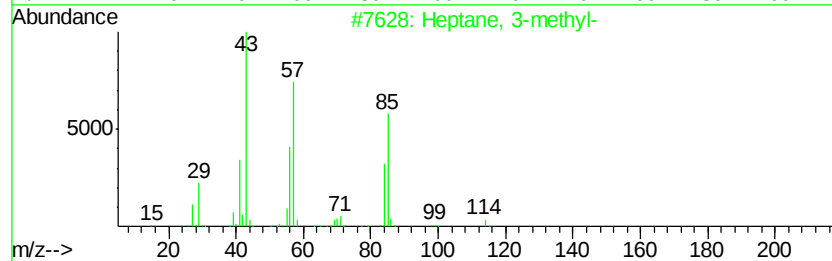
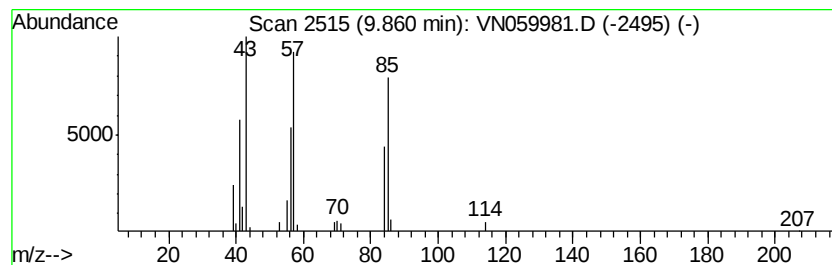
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Heptane, 3-methyl- Concentration Rank 7

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 9.86 | 5.17 ug/l | 79780 | 1,4-Difluorobenzene | 8.57 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptane, 3-methyl-             | 114 | C8H18   | 000589-81-1 | 91   |
| 2    |    | Hexane, 1-(hexyloxy)-2-methyl- | 200 | C13H28O | 074421-17-3 | 64   |
| 3    |    | Heptane, 3,4,5-trimethyl-      | 142 | C10H22  | 020278-89-1 | 59   |
| 4    |    | Pentanoic acid, butyl ester    | 158 | C9H18O2 | 000591-68-4 | 50   |
| 5    |    | Pentane, 3-ethyl-2,4-dimethyl- | 128 | C9H20   | 001068-87-7 | 50   |



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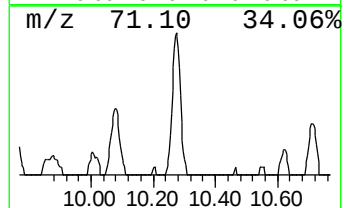
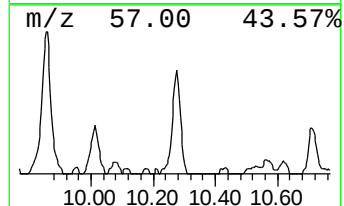
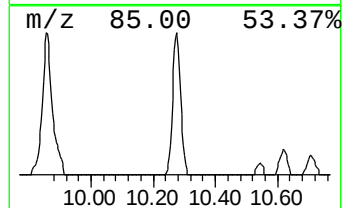
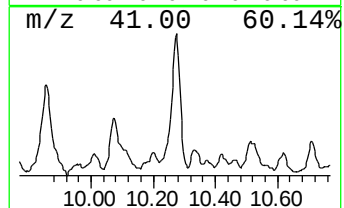
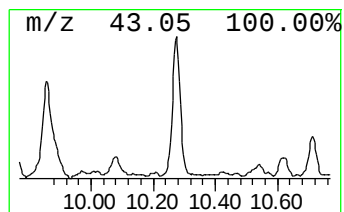
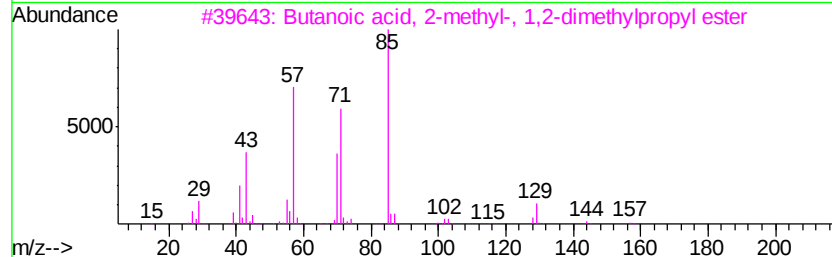
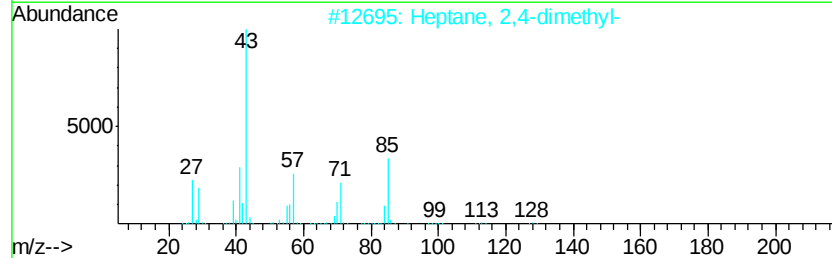
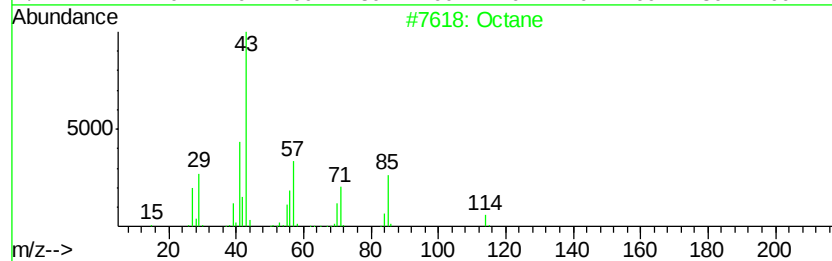
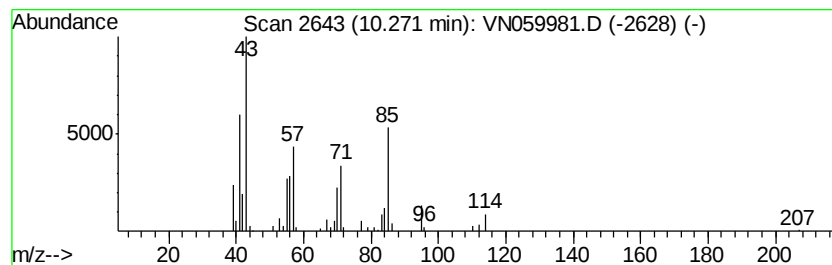
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Octane Concentration Rank 5

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.  |
|-------|-----------|-------|------------------|-------|
| 10.27 | 5.58 ug/l | 98963 | Chlorobenzene-d5 | 11.40 |

| Hit# | of | Tentative ID                                       | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Octane                                             | 114 | C8H18    | 000111-65-9 | 87   |
| 2    |    | Heptane, 2,4-dimethyl-                             | 128 | C9H20    | 002213-23-2 | 53   |
| 3    |    | Butanoic acid, 2-methyl-, 1,2-dimethylpropyl ester | 172 | C10H20O2 | 084696-83-3 | 47   |
| 4    |    | Cyclohexanol, 1,3-dimethyl-, cis-                  | 128 | C8H16O   | 015466-94-1 | 43   |
| 5    |    | Hexane, 2,3,5-trimethyl-                           | 128 | C9H20    | 001069-53-0 | 43   |



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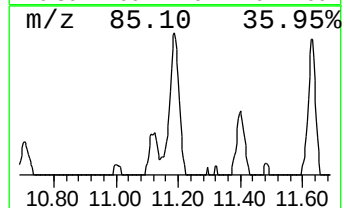
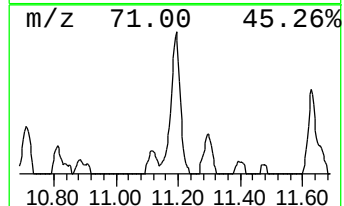
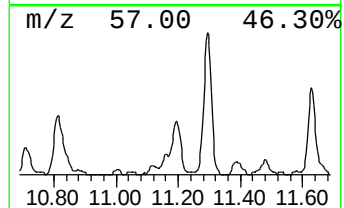
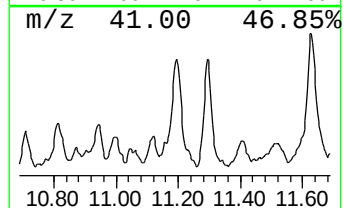
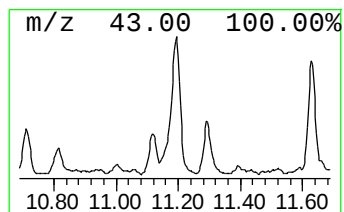
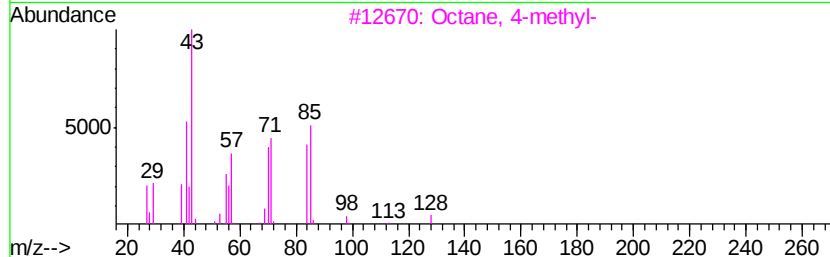
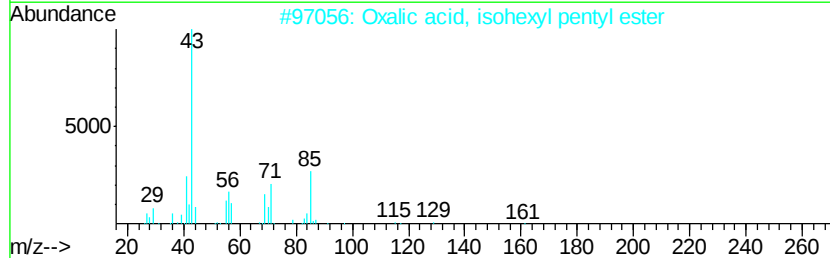
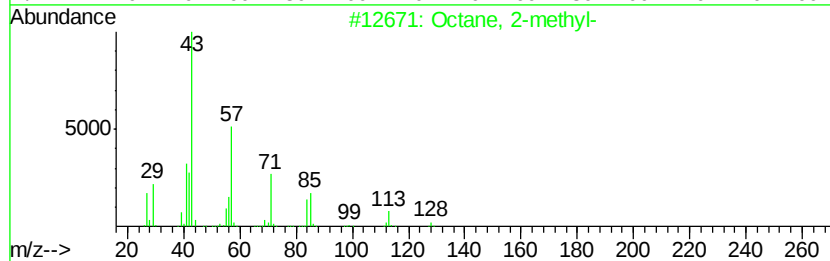
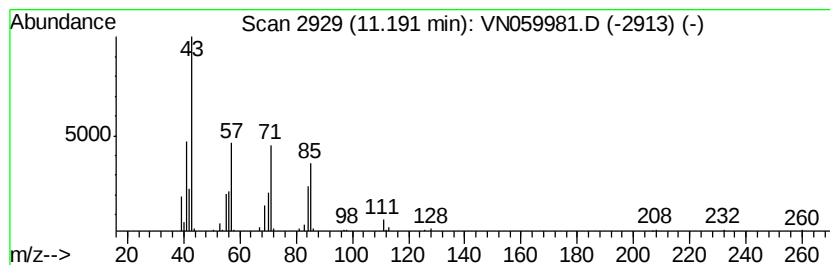
Instrument :  
MSVOA\_N  
ClientSampled :  
PD-4-(30-32)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
Quant Title : SW846 8260

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

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Peak Number 3 Octane, 2-methyl- Concentration Rank 8

| R.T.    | EstConc                            | Area         | Relative to ISTD | R.T.      |
|---------|------------------------------------|--------------|------------------|-----------|
| 11.19   | 5.05 ug/l                          | 89645        | Chlorobenzene-d5 | 11.40     |
| Hit# of | 5                                  | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Octane, 2-methyl-                  | 128 C9H20    | 003221-61-2      | 72        |
| 2       | Oxalic acid, isohexyl pentyl ester | 244 C13H24O4 | 1000309-32-8     | 50        |
| 3       | Octane, 4-methyl-                  | 128 C9H20    | 002216-34-4      | 50        |
| 4       | Heptane, 2,4-dimethyl-             | 128 C9H20    | 002213-23-2      | 50        |
| 5       | Heptane, 2,3-dimethyl-             | 128 C9H20    | 003074-71-3      | 47        |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN020320\  
Data File : VN059981.D  
Acq On : 3 Feb 2020 17:42  
Operator : JC/MD  
Sample : L1346-06 20X  
Misc : 8.14g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
PD-4-(30-32)

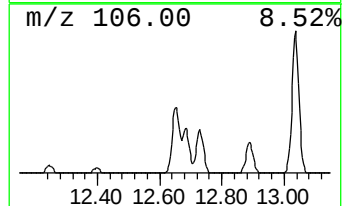
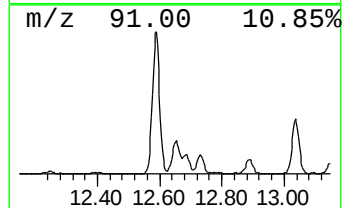
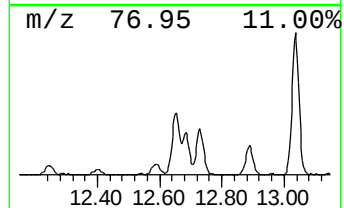
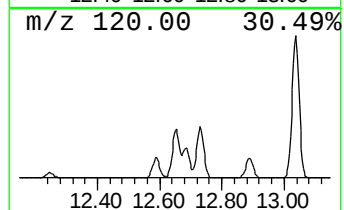
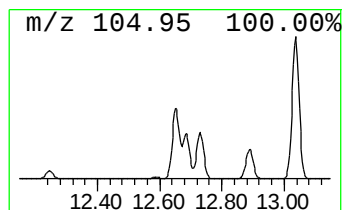
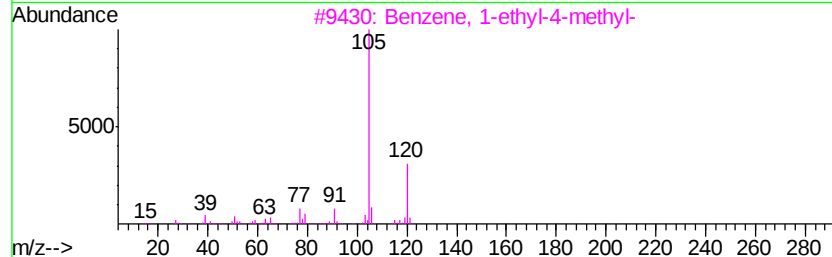
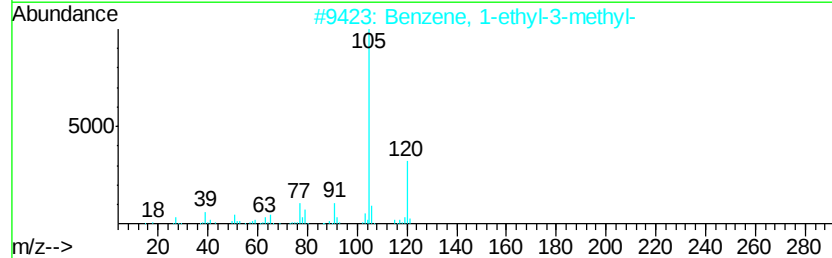
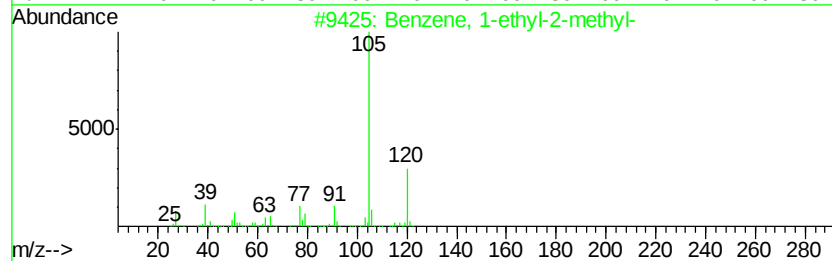
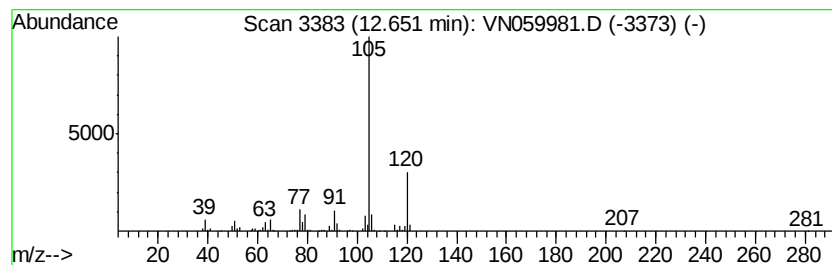
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 12.65 | 11.50 ug/l | 229945 | 1,4-Dichlorobenzene-d4 | 13.34 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 2    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 3    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 4    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 5    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020320\  
Data File : VN059981.D  
Acq On : 3 Feb 2020 17:42  
Operator : JC/MD  
Sample : L1346-06 20X  
Misc : 8.14g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampled :  
PD-4-(30-32)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
Quant Title : SW846 8260

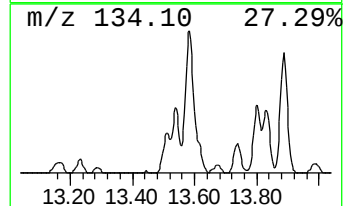
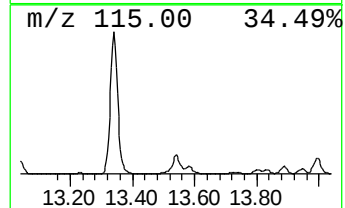
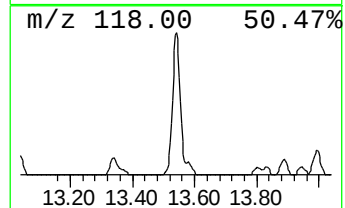
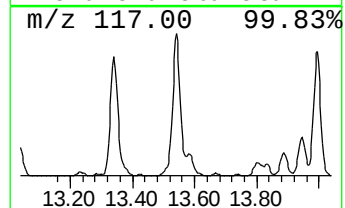
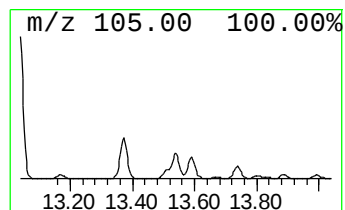
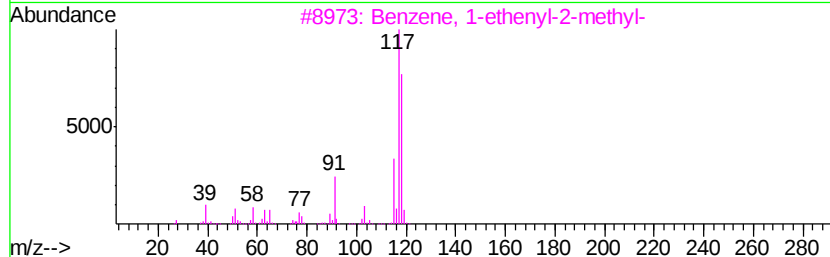
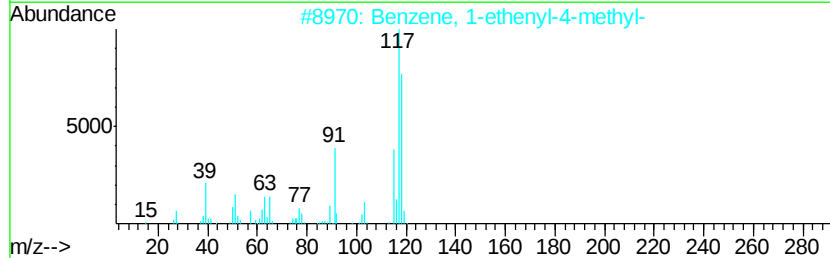
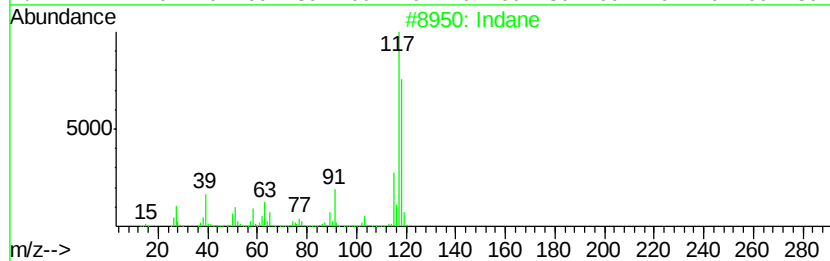
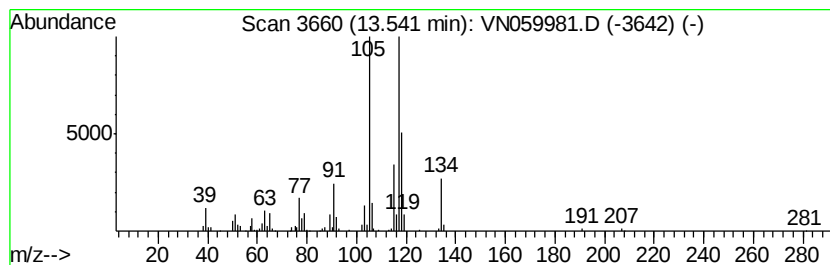
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Indane Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 13.54 | 10.31 ug/l | 205989 | 1,4-Dichlorobenzene-d4 | 13.34 |

| Hit# of | 5                            | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|------------------------------|--------------|-----|---------|-------------|------|
| 1       | Indane                       |              | 118 | C9H10   | 000496-11-7 | 91   |
| 2       | Benzene, 1-ethenyl-4-methyl- |              | 118 | C9H10   | 000622-97-9 | 83   |
| 3       | Benzene, 1-ethenyl-2-methyl- |              | 118 | C9H10   | 000611-15-4 | 64   |
| 4       | Benzene, 1-propenyl-         |              | 118 | C9H10   | 000637-50-3 | 64   |
| 5       | Benzene, cyclopropyl-        |              | 118 | C9H10   | 000873-49-4 | 64   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_N\DATA\VN020320\  
Data File : VN059981.D  
Acq On : 3 Feb 2020 17:42  
Operator : JC/MD  
Sample : L1346-06 20X  
Misc : 8.14g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampled :  
PD-4-(30-32)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
Quant Title : SW846 8260

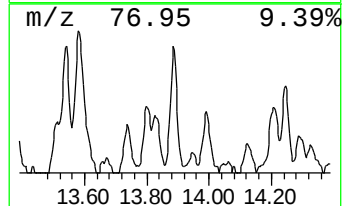
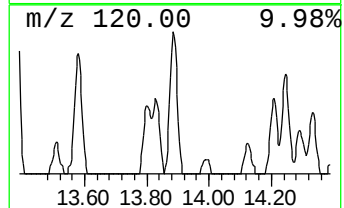
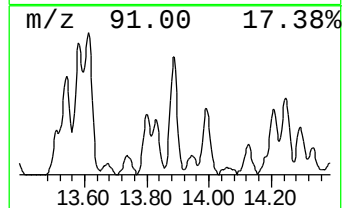
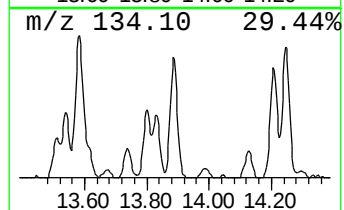
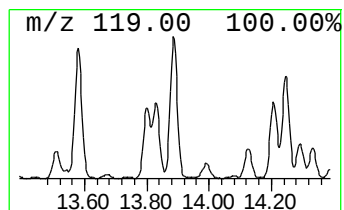
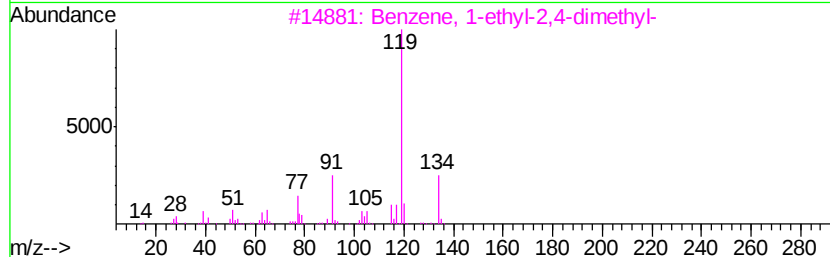
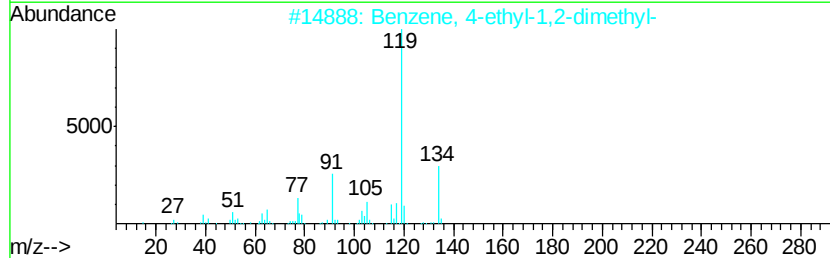
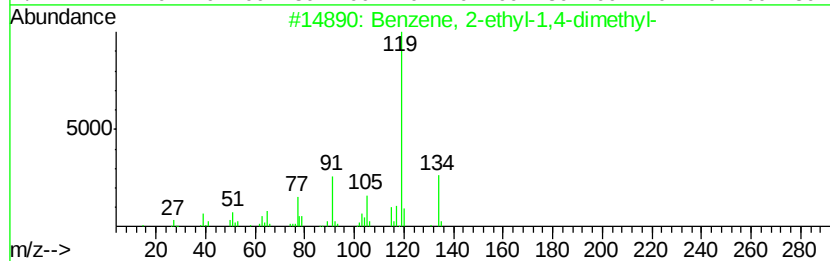
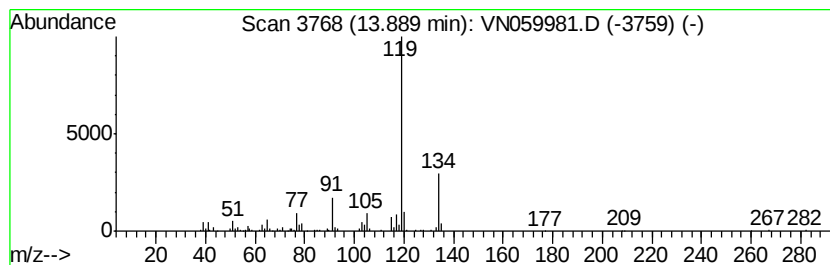
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 13.89 | 6.65 ug/l | 132847 | 1,4-Dichlorobenzene-d4 | 13.34 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14  | 001758-88-9 | 96   |
| 2    |    | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 95   |
| 3    |    | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 95   |
| 4    |    | Benzene, 1-ethyl-2,3-dimethyl-      | 134 | C10H14  | 000933-98-2 | 95   |
| 5    |    | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 94   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_N\DATA\VN020320\  
Data File : VN059981.D  
Acq On : 3 Feb 2020 17:42  
Operator : JC/MD  
Sample : L1346-06 20X  
Misc : 8.14u/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
PD-4-(30-32)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
Quant Title : SW846 8260

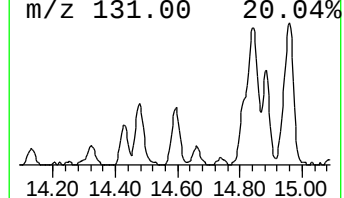
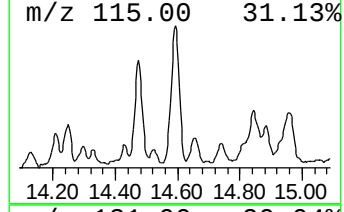
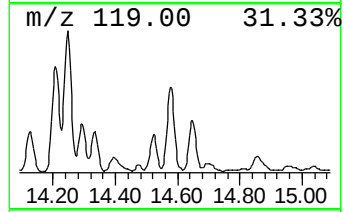
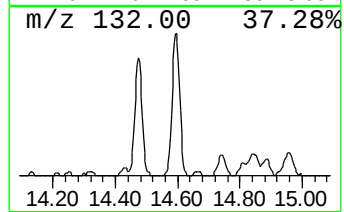
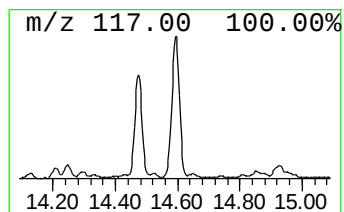
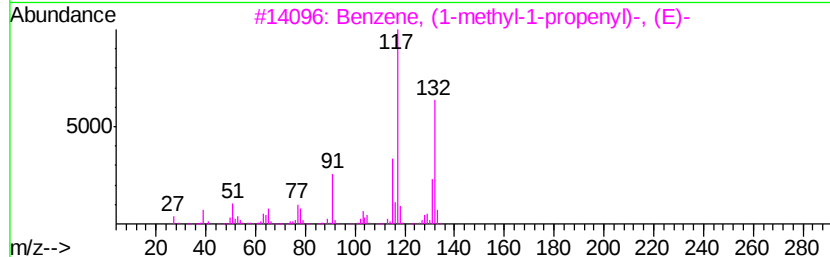
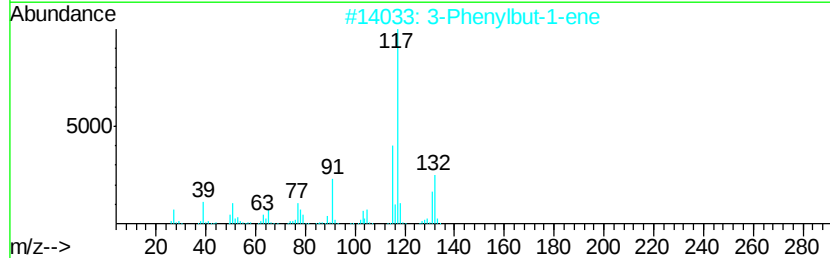
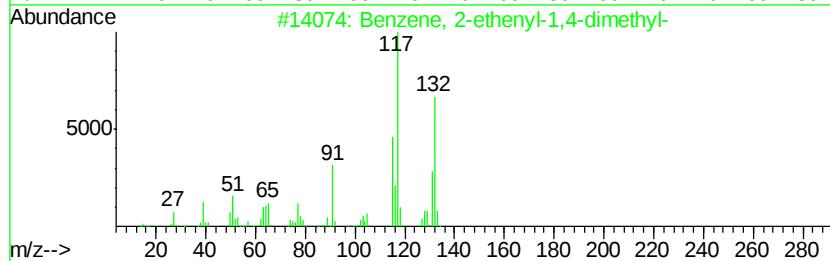
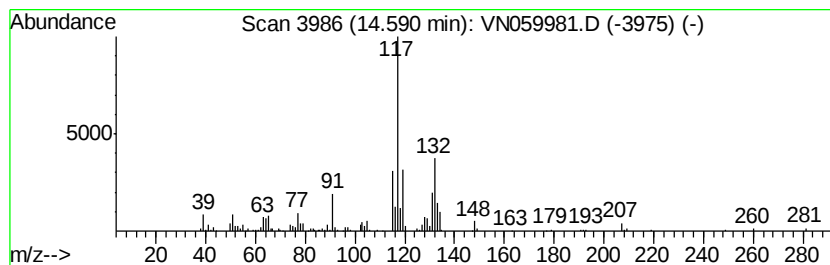
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 14.59 | 9.69 ug/l | 193693 | 1,4-Dichlorobenzene-d4 | 13.34 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------------------|-----|---------|-------------|------|
| 1       |   | Benzene, 2-ethenyl-1,4-dimethyl-    | 132 | C10H12  | 002039-89-6 | 92   |
| 2       |   | 3-Phenylbut-1-ene                   | 132 | C10H12  | 000934-10-1 | 81   |
| 3       |   | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 81   |
| 4       |   | 1H-Indene, 2,3-dihydro-4-methyl-    | 132 | C10H12  | 000824-22-6 | 76   |
| 5       |   | 1H-Indene, 2,3-dihydro-5-methyl-    | 132 | C10H12  | 000874-35-1 | 76   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN020320\  
Data File : VN059981.D  
Acq On : 3 Feb 2020 17:42  
Operator : JC/MD  
Sample : L1346-06 20X  
Misc : 8.14g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
PD-4-(30-32)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.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 |
| Heptane, 3-methyl-   | 9.86  | 5.2     | ug/l  | 79780    | 2                     | 8.57  | 770877 | 50.0 |
| Octane               | 10.27 | 5.6     | ug/l  | 98963    | 3                     | 11.40 | 887521 | 50.0 |
| Octane, 2-methyl-    | 11.19 | 5.0     | ug/l  | 89645    | 3                     | 11.40 | 887521 | 50.0 |
| Benzene, 1-ethyl-... | 12.65 | 11.5    | ug/l  | 229945   | 4                     | 13.34 | 999335 | 50.0 |
| Indane               | 13.54 | 10.3    | ug/l  | 205989   | 4                     | 13.34 | 999335 | 50.0 |
| Benzene, 2-ethyl-... | 13.89 | 6.7     | ug/l  | 132847   | 4                     | 13.34 | 999335 | 50.0 |
| Benzene, 2-etheny... | 14.59 | 9.7     | ug/l  | 193693   | 4                     | 13.34 | 999335 | 50.0 |