

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061124\  
 Data File : VV036035.D  
 Acq On : 11 Jun 2024 15:33  
 Operator : SY/MD  
 Sample : P2798-05  
 Misc : 6.13g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHB16

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\_V\Method\SFAMVLM053024SMA.M

Title : VOC Analysis

Signal : TIC: VV036035.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         | 1.275       | 67            | 73          | 87           | rVB      | 265583         | 282289        | 0.70%           | 0.445%        |
| 2         | 1.529       | 145           | 152         | 167          | rVB      | 227232         | 267362        | 0.67%           | 0.422%        |
| 3         | 2.053       | 305           | 315         | 332          | rBV      | 482504         | 716179        | 1.79%           | 1.129%        |
| 4         | 2.442       | 426           | 436         | 456          | rVB      | 67879          | 116770        | 0.29%           | 0.184%        |
| 5         | 2.693       | 505           | 514         | 529          | rBV      | 32537          | 59772         | 0.15%           | 0.094%        |
| 6         | 2.831       | 555           | 557         | 560          | rVV3     | 455            | 237           | 0.00%           | 0.000%        |
| 7         | 2.847       | 560           | 562         | 564          | rVV2     | 336            | 179           | 0.00%           | 0.000%        |
| 8         | 2.963       | 587           | 598         | 617          | rVB2     | 19515          | 39683         | 0.10%           | 0.063%        |
| 9         | 3.063       | 626           | 629         | 631          | rBV2     | 324            | 177           | 0.00%           | 0.000%        |
| 10        | 3.111       | 631           | 644         | 663          | rBV      | 22922          | 51842         | 0.13%           | 0.082%        |
| 11        | 3.204       | 671           | 673         | 682          | rVB6     | 537            | 602           | 0.00%           | 0.001%        |
| 12        | 3.291       | 696           | 700         | 701          | rBV2     | 183            | 136           | 0.00%           | 0.000%        |
| 13        | 3.339       | 712           | 715         | 717          | rBV2     | 268            | 158           | 0.00%           | 0.000%        |
| 14        | 3.365       | 720           | 723         | 727          | rVV3     | 382            | 292           | 0.00%           | 0.000%        |
| 15        | 3.400       | 731           | 734         | 738          | rVB      | 477            | 292           | 0.00%           | 0.000%        |
| 16        | 3.432       | 738           | 744         | 746          | rBV2     | 289            | 320           | 0.00%           | 0.001%        |
| 17        | 3.568       | 784           | 786         | 789          | rVB2     | 253            | 131           | 0.00%           | 0.000%        |
| 18        | 3.593       | 791           | 794         | 797          | rVB2     | 468            | 260           | 0.00%           | 0.000%        |
| 19        | 3.609       | 797           | 799         | 802          | rVB3     | 312            | 178           | 0.00%           | 0.000%        |
| 20        | 3.651       | 802           | 812         | 816          | rBV4     | 4706           | 8427          | 0.02%           | 0.013%        |
| 21        | 3.805       | 842           | 860         | 928          | rBV      | 16864220       | 40047698      | 100.00%         | 63.151%       |
| 22        | 4.246       | 983           | 997         | 1033         | rVB      | 291205         | 760961        | 1.90%           | 1.200%        |
| 23        | 4.838       | 1177          | 1181        | 1183         | rBV4     | 627            | 535           | 0.00%           | 0.001%        |
| 24        | 4.879       | 1192          | 1194        | 1197         | rVB3     | 676            | 339           | 0.00%           | 0.001%        |
| 25        | 4.895       | 1197          | 1199        | 1201         | rBV2     | 394            | 238           | 0.00%           | 0.000%        |
| 26        | 4.953       | 1201          | 1217        | 1255         | rBV2     | 702731         | 1819081       | 4.54%           | 2.869%        |
| 27        | 5.204       | 1293          | 1295        | 1299         | rVB3     | 1048           | 487           | 0.00%           | 0.001%        |
| 28        | 5.320       | 1329          | 1331        | 1332         | rBV2     | 537            | 272           | 0.00%           | 0.000%        |
| 29        | 5.532       | 1385          | 1397        | 1433         | rBV      | 470751         | 997697        | 2.49%           | 1.573%        |
| 30        | 5.744       | 1461          | 1463        | 1465         | rBV3     | 502            | 202           | 0.00%           | 0.000%        |
| 31        | 5.828       | 1476          | 1489        | 1525         | rBV2     | 593074         | 1247510       | 3.12%           | 1.967%        |
| 32        | 5.985       | 1526          | 1538        | 1571         | rVV      | 406763         | 853935        | 2.13%           | 1.347%        |
| 33        | 6.220       | 1602          | 1611        | 1650         | rBV2     | 49188          | 131901        | 0.33%           | 0.208%        |
| 34        | 6.503       | 1696          | 1699        | 1705         | rBV6     | 1007           | 944           | 0.00%           | 0.001%        |
| 35        | 6.744       | 1772          | 1774        | 1777         | rVB3     | 470            | 216           | 0.00%           | 0.000%        |
| 36        | 6.828       | 1798          | 1800        | 1804         | rVB3     | 623            | 383           | 0.00%           | 0.001%        |

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 Sample : P2798-05  
 Misc : 6.13g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHB16

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\_V\Method\SFAMVLM053024SMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 37 | 6.860  | 1804 | 1810 | 1812 | rBV4 | 711     | 629     | 0.00%  | 0.001%  |
| 38 | 6.911  | 1815 | 1826 | 1850 | rBV  | 197237  | 382507  | 0.96%  | 0.603%  |
| 39 | 7.140  | 1894 | 1897 | 1898 | rBV3 | 344     | 183     | 0.00%  | 0.000%  |
| 40 | 7.239  | 1917 | 1928 | 1948 | rBV  | 787158  | 1394924 | 3.48%  | 2.200%  |
| 41 | 7.503  | 2002 | 2010 | 2017 | rBV4 | 5684    | 8593    | 0.02%  | 0.014%  |
| 42 | 7.551  | 2017 | 2025 | 2049 | rBV  | 128273  | 244437  | 0.61%  | 0.385%  |
| 43 | 7.902  | 2114 | 2134 | 2164 | rBV  | 3945842 | 6569126 | 16.40% | 10.359% |
| 44 | 8.030  | 2165 | 2174 | 2208 | rVV  | 221046  | 489469  | 1.22%  | 0.772%  |
| 45 | 8.169  | 2208 | 2217 | 2256 | rVV  | 723640  | 1251968 | 3.13%  | 1.974%  |
| 46 | 8.635  | 2358 | 2362 | 2363 | rBV3 | 638     | 413     | 0.00%  | 0.001%  |
| 47 | 8.718  | 2384 | 2388 | 2390 | rBV4 | 484     | 383     | 0.00%  | 0.001%  |
| 48 | 8.783  | 2397 | 2408 | 2435 | rBV  | 763187  | 1272321 | 3.18%  | 2.006%  |
| 49 | 9.008  | 2472 | 2478 | 2492 | rVB2 | 6134    | 9924    | 0.02%  | 0.016%  |
| 50 | 9.230  | 2545 | 2547 | 2549 | rBV3 | 477     | 253     | 0.00%  | 0.000%  |
| 51 | 9.268  | 2556 | 2559 | 2562 | rVB2 | 516     | 284     | 0.00%  | 0.000%  |
| 52 | 9.291  | 2562 | 2566 | 2569 | rBV4 | 776     | 560     | 0.00%  | 0.001%  |
| 53 | 9.326  | 2572 | 2577 | 2579 | rBV5 | 450     | 337     | 0.00%  | 0.001%  |
| 54 | 9.358  | 2583 | 2587 | 2588 | rBV2 | 356     | 215     | 0.00%  | 0.000%  |
| 55 | 9.394  | 2596 | 2598 | 2603 | rVB4 | 884     | 530     | 0.00%  | 0.001%  |
| 56 | 9.416  | 2603 | 2605 | 2608 | rBV3 | 288     | 141     | 0.00%  | 0.000%  |
| 57 | 9.442  | 2611 | 2613 | 2616 | rVB3 | 430     | 250     | 0.00%  | 0.000%  |
| 58 | 9.493  | 2620 | 2629 | 2636 | rBV8 | 2505    | 4250    | 0.01%  | 0.007%  |
| 59 | 9.677  | 2684 | 2686 | 2688 | rBV3 | 405     | 188     | 0.00%  | 0.000%  |
| 60 | 9.747  | 2698 | 2708 | 2731 | rBV2 | 119107  | 222536  | 0.56%  | 0.351%  |
| 61 | 10.149 | 2822 | 2833 | 2861 | rVB  | 396967  | 631791  | 1.58%  | 0.996%  |
| 62 | 10.323 | 2875 | 2887 | 2901 | rVV  | 33411   | 56580   | 0.14%  | 0.089%  |
| 63 | 10.381 | 2903 | 2905 | 2908 | rVB3 | 756     | 441     | 0.00%  | 0.001%  |
| 64 | 10.400 | 2908 | 2911 | 2914 | rBV3 | 743     | 557     | 0.00%  | 0.001%  |
| 65 | 10.480 | 2924 | 2936 | 2941 | rBV7 | 3030    | 5799    | 0.01%  | 0.009%  |
| 66 | 10.513 | 2942 | 2946 | 2955 | rVB6 | 3345    | 4901    | 0.01%  | 0.008%  |
| 67 | 10.606 | 2973 | 2975 | 2978 | rVB2 | 611     | 277     | 0.00%  | 0.000%  |
| 68 | 10.664 | 2991 | 2993 | 2996 | rVB3 | 460     | 319     | 0.00%  | 0.001%  |
| 69 | 10.683 | 2996 | 2999 | 3000 | rBV2 | 573     | 314     | 0.00%  | 0.000%  |
| 70 | 10.715 | 3008 | 3009 | 3012 | rVB2 | 423     | 153     | 0.00%  | 0.000%  |
| 71 | 10.731 | 3012 | 3014 | 3016 | rBV  | 331     | 150     | 0.00%  | 0.000%  |
| 72 | 10.860 | 3047 | 3054 | 3059 | rBV6 | 2414    | 3209    | 0.01%  | 0.005%  |
| 73 | 10.927 | 3072 | 3075 | 3077 | rBV4 | 737     | 527     | 0.00%  | 0.001%  |
| 74 | 10.959 | 3083 | 3085 | 3087 | rBV3 | 487     | 231     | 0.00%  | 0.000%  |
| 75 | 11.037 | 3107 | 3109 | 3112 | rBV3 | 814     | 494     | 0.00%  | 0.001%  |
| 76 | 11.088 | 3115 | 3125 | 3144 | rBV  | 214700  | 371358  | 0.93%  | 0.586%  |

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 Sample : P2798-05  
 Misc : 6.13g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHB16

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\_V\Method\SFAMVLM053024SMA.M

Title : VOC Analysis

|     |        |      |      |      |      |        |         |       |        |
|-----|--------|------|------|------|------|--------|---------|-------|--------|
| 77  | 11.181 | 3144 | 3154 | 3175 | rVB  | 857614 | 1319547 | 3.29% | 2.081% |
| 78  | 11.493 | 3242 | 3251 | 3260 | rBV2 | 17752  | 35716   | 0.09% | 0.056% |
| 79  | 11.558 | 3260 | 3271 | 3294 | rVB  | 860120 | 1344888 | 3.36% | 2.121% |
| 80  | 11.982 | 3398 | 3403 | 3405 | rBV4 | 1538   | 1674    | 0.00% | 0.003% |
| 81  | 12.191 | 3459 | 3468 | 3480 | rVB2 | 30909  | 50697   | 0.13% | 0.080% |
| 82  | 12.284 | 3488 | 3497 | 3521 | rBV2 | 88912  | 159935  | 0.40% | 0.252% |
| 83  | 12.506 | 3558 | 3566 | 3577 | rVB2 | 15170  | 22280   | 0.06% | 0.035% |
| 84  | 12.583 | 3586 | 3590 | 3598 | rBV5 | 2884   | 3548    | 0.01% | 0.006% |
| 85  | 12.615 | 3598 | 3600 | 3608 | rVB6 | 2331   | 2516    | 0.01% | 0.004% |
| 86  | 12.783 | 3649 | 3652 | 3658 | rBV7 | 1307   | 1550    | 0.00% | 0.002% |
| 87  | 12.828 | 3658 | 3666 | 3675 | rVB3 | 8039   | 12120   | 0.03% | 0.019% |
| 88  | 13.066 | 3737 | 3740 | 3744 | rBV4 | 768    | 648     | 0.00% | 0.001% |
| 89  | 13.316 | 3816 | 3818 | 3822 | rVB4 | 801    | 450     | 0.00% | 0.001% |
| 90  | 13.384 | 3831 | 3839 | 3841 | rBV6 | 3615   | 4385    | 0.01% | 0.007% |
| 91  | 13.451 | 3856 | 3860 | 3872 | rVB8 | 2290   | 3934    | 0.01% | 0.006% |
| 92  | 13.525 | 3880 | 3883 | 3889 | rBV6 | 2121   | 2256    | 0.01% | 0.004% |
| 93  | 13.625 | 3906 | 3914 | 3923 | rBV6 | 8779   | 13475   | 0.03% | 0.021% |
| 94  | 13.686 | 3928 | 3933 | 3941 | rVB7 | 6103   | 8309    | 0.02% | 0.013% |
| 95  | 13.840 | 3973 | 3981 | 3990 | rBV2 | 11773  | 15574   | 0.04% | 0.025% |
| 96  | 13.982 | 4016 | 4025 | 4036 | rBV  | 24479  | 40330   | 0.10% | 0.064% |
| 97  | 14.255 | 4108 | 4110 | 4112 | rBV  | 997    | 589     | 0.00% | 0.001% |
| 98  | 14.715 | 4247 | 4253 | 4258 | rBV7 | 1424   | 2268    | 0.01% | 0.004% |
| 99  | 14.786 | 4264 | 4275 | 4286 | rBV7 | 3494   | 7574    | 0.02% | 0.012% |
| 100 | 15.580 | 4514 | 4522 | 4533 | rVB2 | 13108  | 21991   | 0.05% | 0.035% |

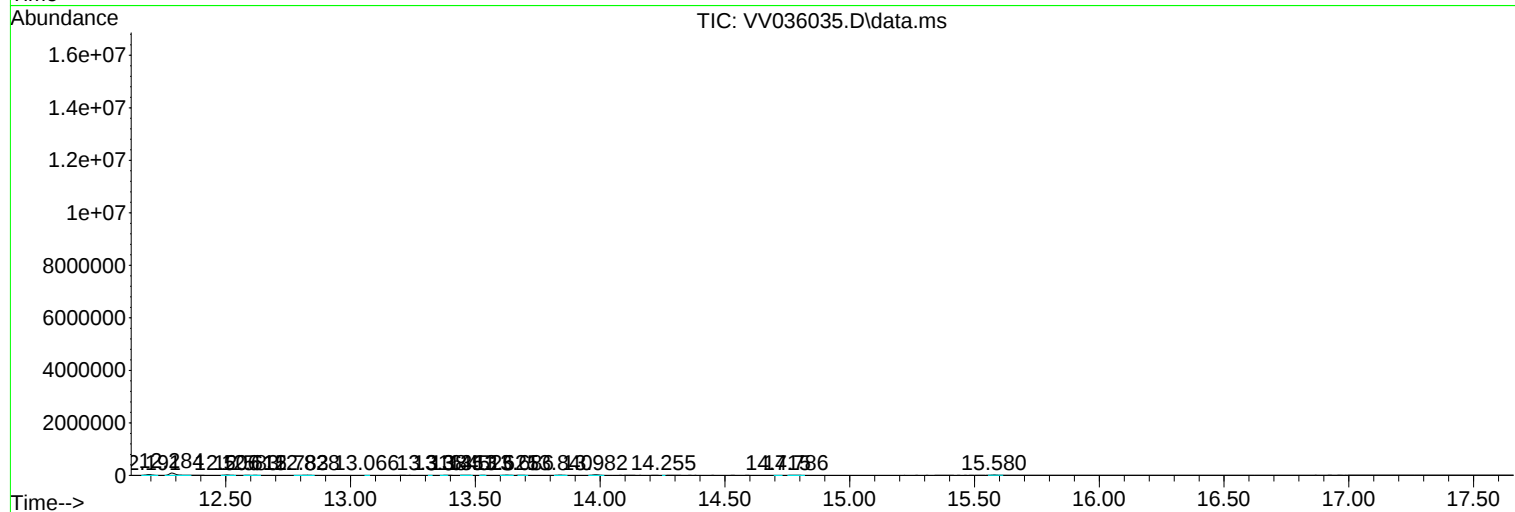
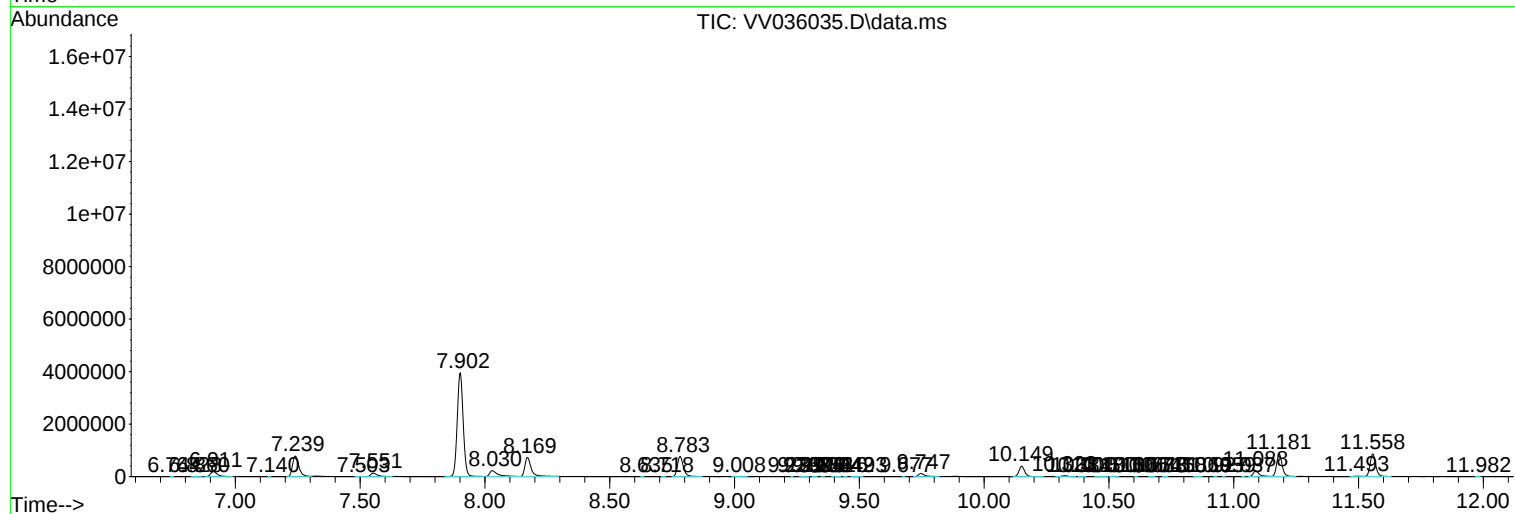
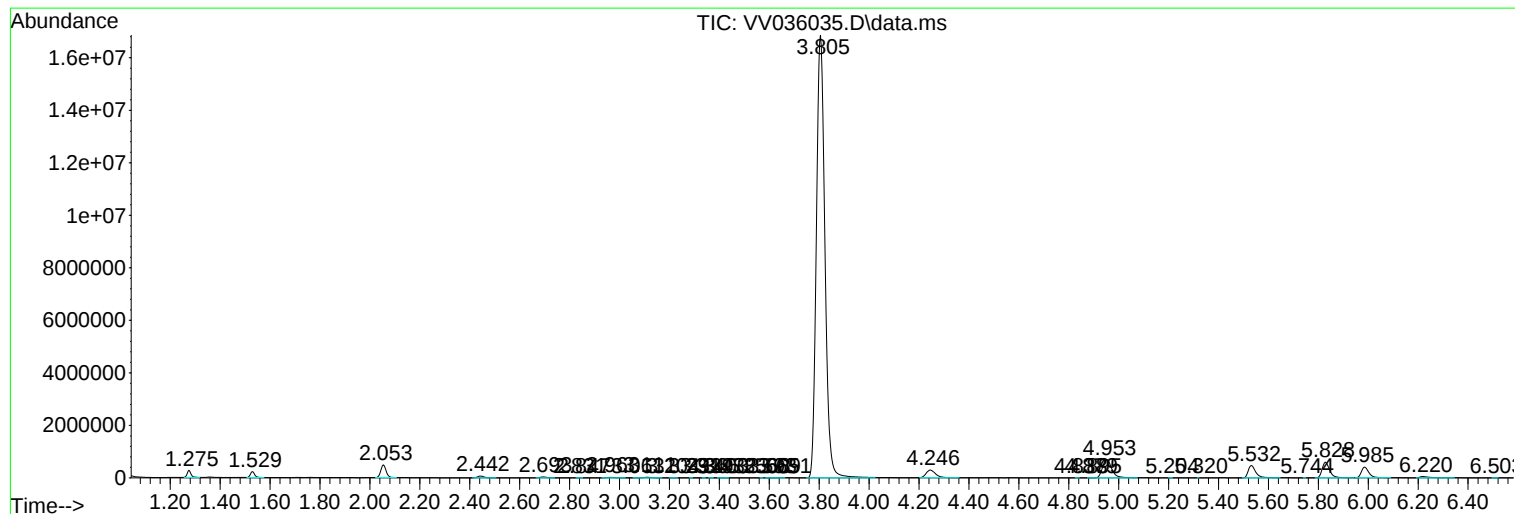
Sum of corrected areas: 63415461

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061124\  
Data File : VV036035.D  
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Sample : P2798-05  
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061124\  
Data File : VV036035.D  
Acq On : 11 Jun 2024 15:33  
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Instrument :  
MSVOA\_V  
ClientSampleId :  
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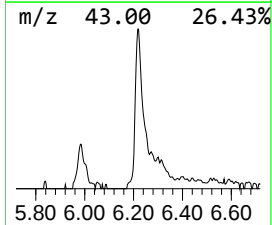
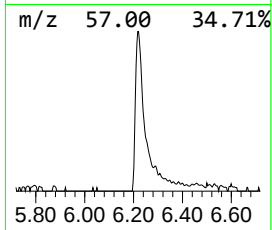
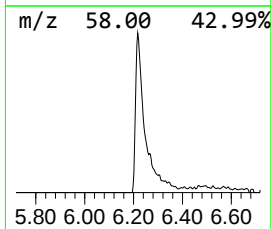
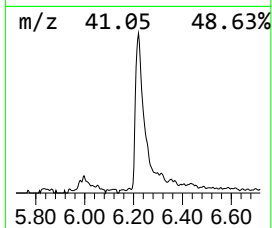
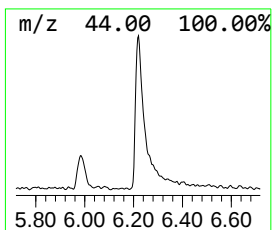
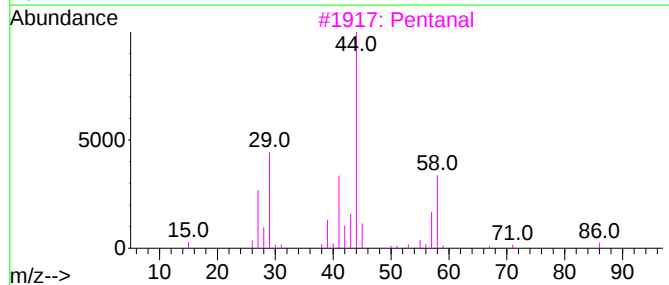
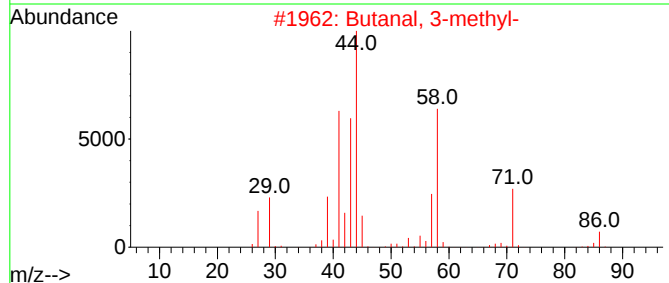
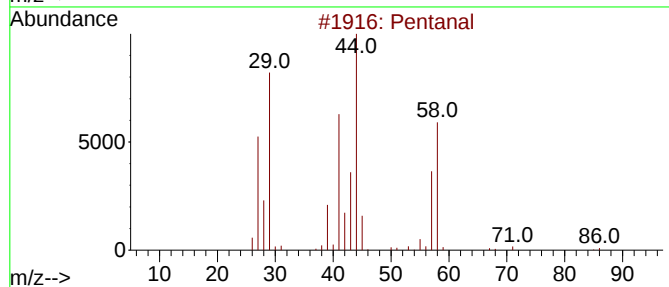
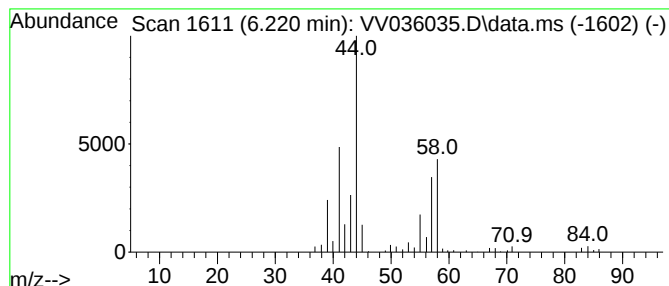
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
Quant Title : VOC Analysis

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

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Peak Number 1 Pentanal Concentration Rank 5

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 6.220 | 3.31 ug/L | 131901 | 1,4-Difluorobenzene | 5.532 |

| Hit# | of                 | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|--------------------|---|--------------|----|---------|-------------|------|
| 1    | Pentanal           |   |              | 86 | C5H10O  | 000110-62-3 | 87   |
| 2    | Butanal, 3-methyl- |   |              | 86 | C5H10O  | 000590-86-3 | 74   |
| 3    | Pentanal           |   |              | 86 | C5H10O  | 000110-62-3 | 74   |
| 4    | Pentanal           |   |              | 86 | C5H10O  | 000110-62-3 | 72   |
| 5    | Pentanal           |   |              | 86 | C5H10O  | 000110-62-3 | 64   |



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ALS Vial : 9 Sample Multiplier: 1

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MSVOA\_V  
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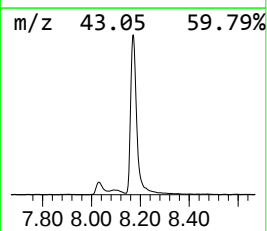
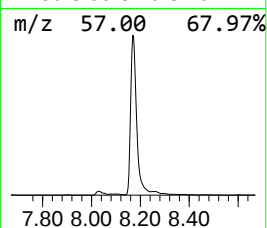
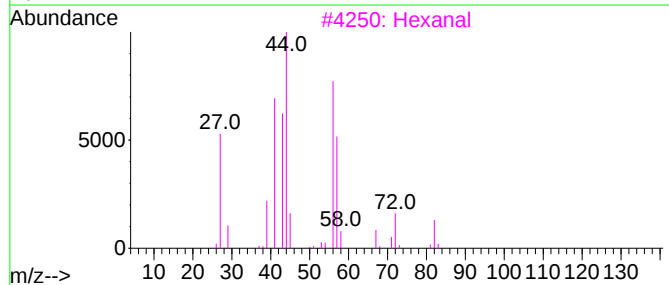
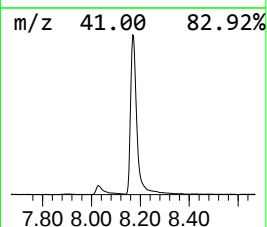
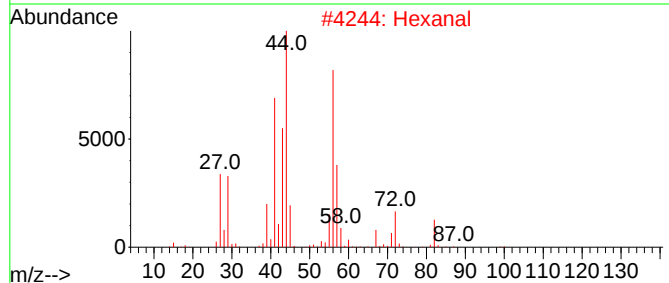
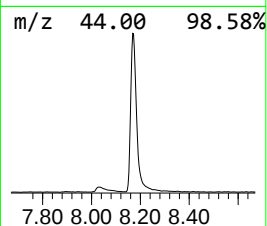
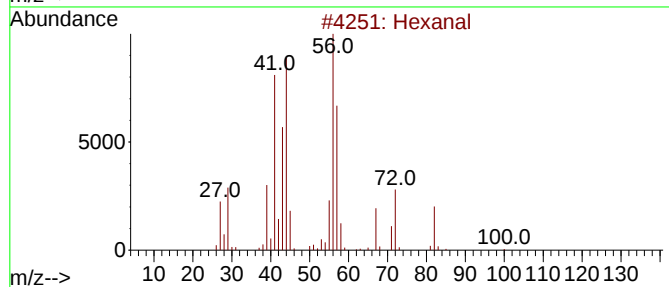
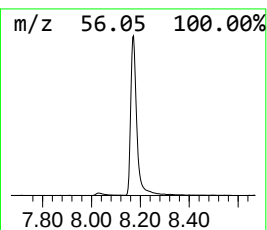
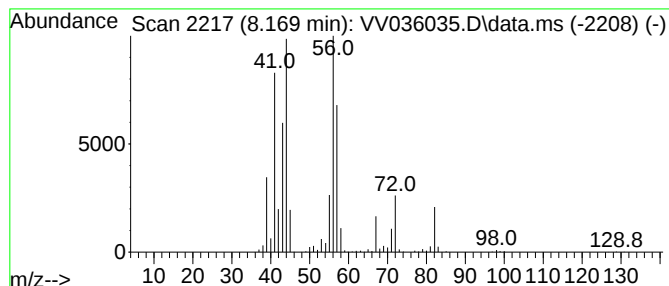
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
Quant Title : VOC Analysis

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

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Peak Number 3 Hexanal Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 8.169 | 24.60 ug/L | 1251970 | Chlorobenzene-d5 | 8.783 |

| Hit# | of      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------|---|--------------|-----|---------|-------------|------|
| 1    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 95   |
| 2    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 91   |
| 3    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 86   |
| 4    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 78   |
| 5    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061124\  
Data File : VV036035.D  
Acq On : 11 Jun 2024 15:33  
Operator : SY/MD  
Sample : P2798-05  
Misc : 6.13g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB16

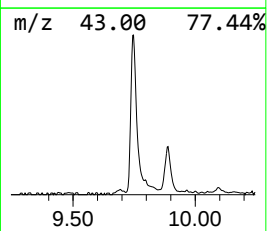
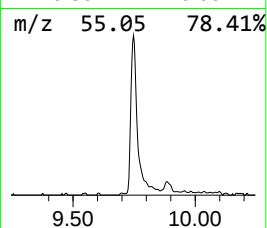
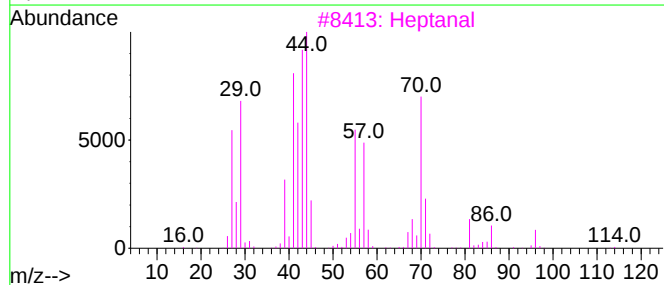
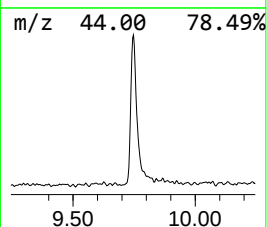
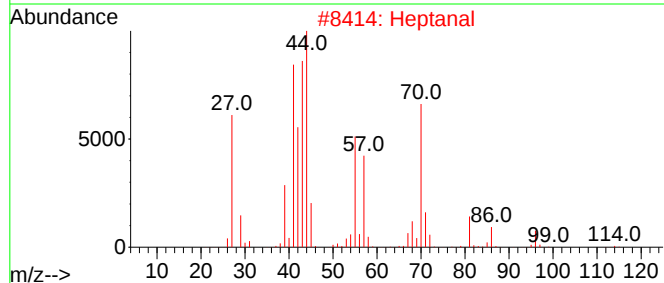
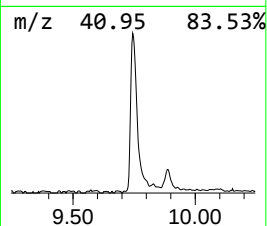
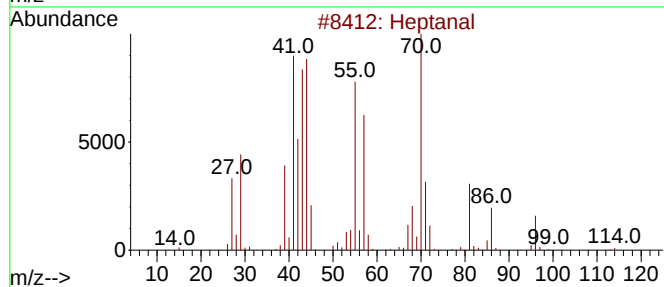
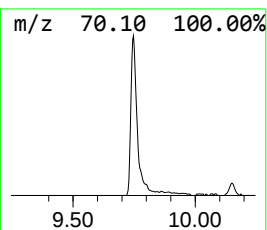
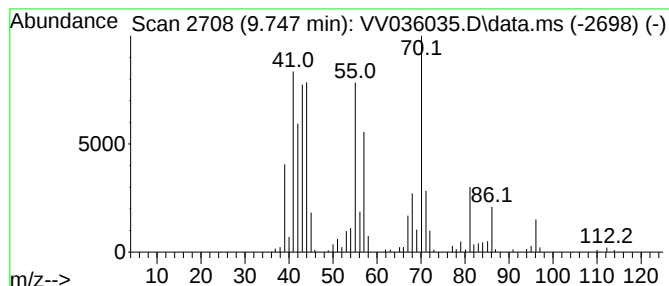
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Quant Title : VOC Analysis

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

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Peak Number 4 Heptanal Concentration Rank 4

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 9.747 | 4.37 ug/L | 222536 | Chlorobenzene-d5 | 8.783 |

| Hit# | of          | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------|---|--------------|-----|---------|-------------|------|
| 1    | Heptanal    |   |              | 114 | C7H14O  | 000111-71-7 | 96   |
| 2    | Heptanal    |   |              | 114 | C7H14O  | 000111-71-7 | 81   |
| 3    | Heptanal    |   |              | 114 | C7H14O  | 000111-71-7 | 64   |
| 4    | Heptanal    |   |              | 114 | C7H14O  | 000111-71-7 | 50   |
| 5    | Vinyl ether |   |              | 70  | C4H6O   | 000109-93-3 | 47   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061124\  
Data File : VV036035.D  
Acq On : 11 Jun 2024 15:33  
Operator : SY/MD  
Sample : P2798-05  
Misc : 6.13g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB16

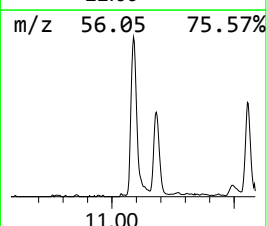
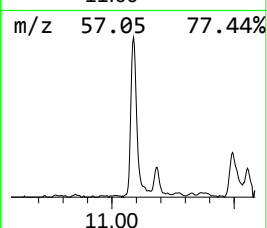
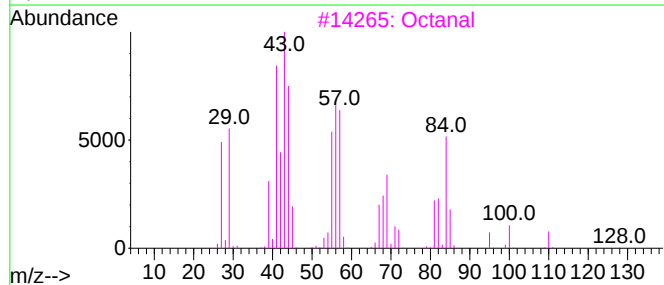
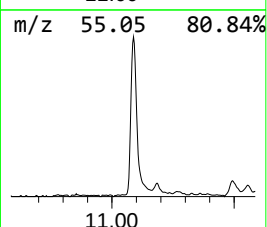
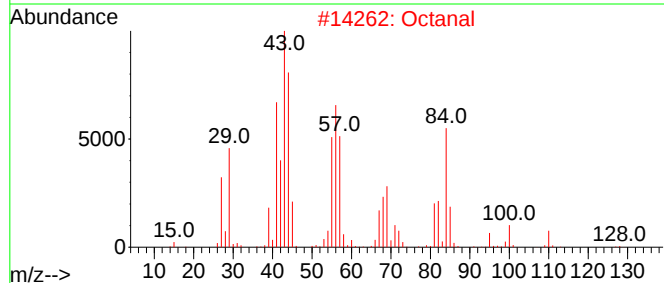
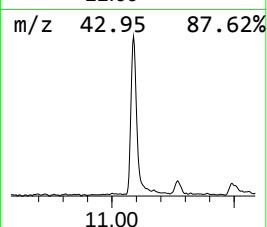
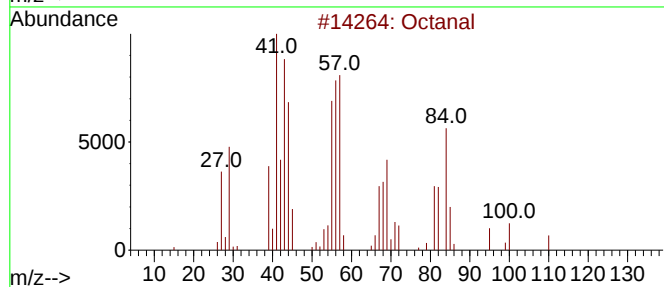
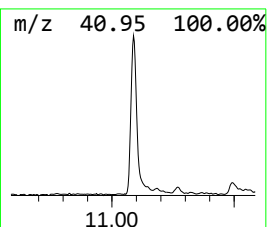
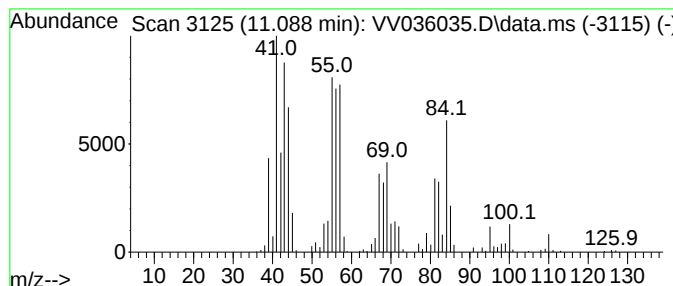
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Quant Title : VOC Analysis

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

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Peak Number 5 Octanal Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.088 | 7.04 ug/L | 371358 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# | of      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------|---|--------------|-----|---------|-------------|------|
| 1    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 91   |
| 2    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 90   |
| 3    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 90   |
| 4    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 86   |
| 5    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 86   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061124\  
Data File : VV036035.D  
Acq On : 11 Jun 2024 15:33  
Operator : SY/MD  
Sample : P2798-05  
Misc : 6.13g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB16

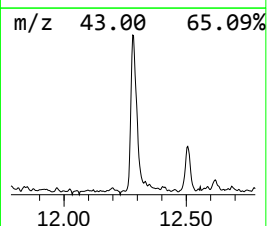
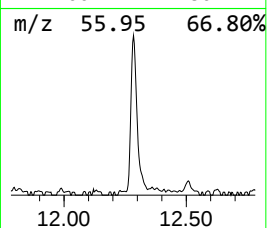
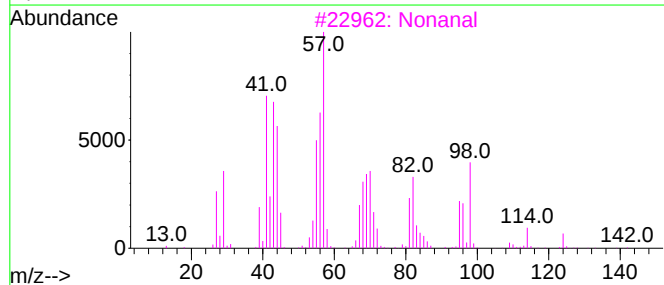
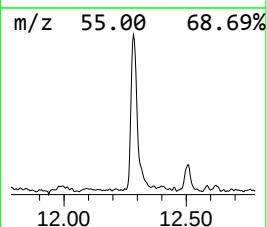
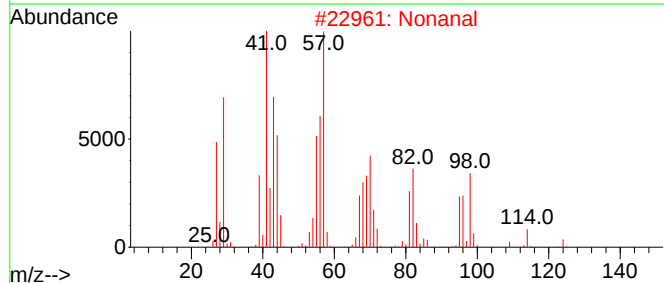
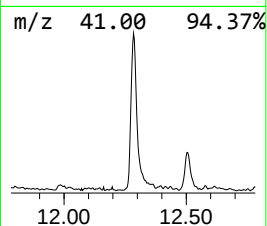
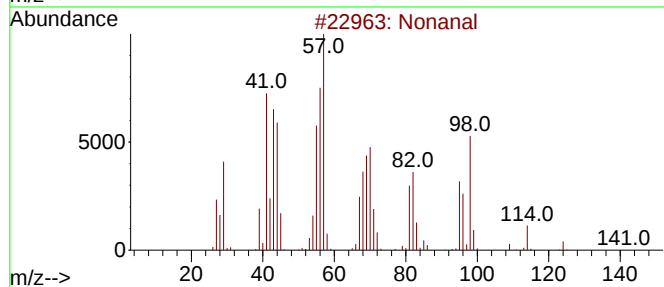
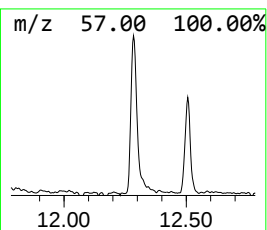
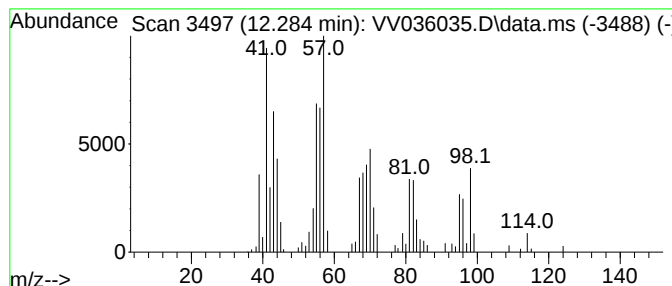
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Quant Title : VOC Analysis

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

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Peak Number 6 Nonanal Concentration Rank 6

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.284 | 3.03 ug/L | 159935 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonanal                         | 142 | C9H18O  | 000124-19-6 | 87   |
| 2    |    |   | Nonanal                         | 142 | C9H18O  | 000124-19-6 | 87   |
| 3    |    |   | Nonanal                         | 142 | C9H18O  | 000124-19-6 | 72   |
| 4    |    |   | Cyclohexanol, 4-methyl-         | 114 | C7H14O  | 000589-91-3 | 43   |
| 5    |    |   | Cyclohexanol, 2-methyl-, trans- | 114 | C7H14O  | 007443-52-9 | 42   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061124\  
Data File : VV036035.D  
Acq On : 11 Jun 2024 15:33  
Operator : SY/MD  
Sample : P2798-05  
Misc : 6.13g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
Quant Title : VOC Analysis

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

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                  |        |         |       |          | #                     | RT     | Resp    | Conc |
| Pentanal         | 6.220  | 3.3     | ug/L  | 131901   | 1                     | 5.532  | 997697  | 25.0 |
| Hexanal          | 8.169  | 24.6    | ug/L  | 1251970  | 2                     | 8.783  | 1272320 | 25.0 |
| Heptanal         | 9.747  | 4.4     | ug/L  | 222536   | 2                     | 8.783  | 1272320 | 25.0 |
| Octanal          | 11.088 | 7.0     | ug/L  | 371358   | 3                     | 11.181 | 1319550 | 25.0 |
| Nonanal          | 12.284 | 3.0     | ug/L  | 159935   | 3                     | 11.181 | 1319550 | 25.0 |