

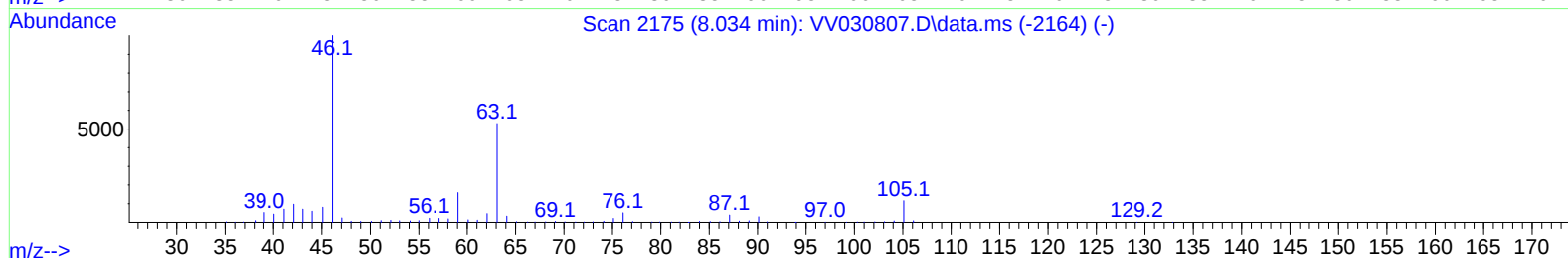
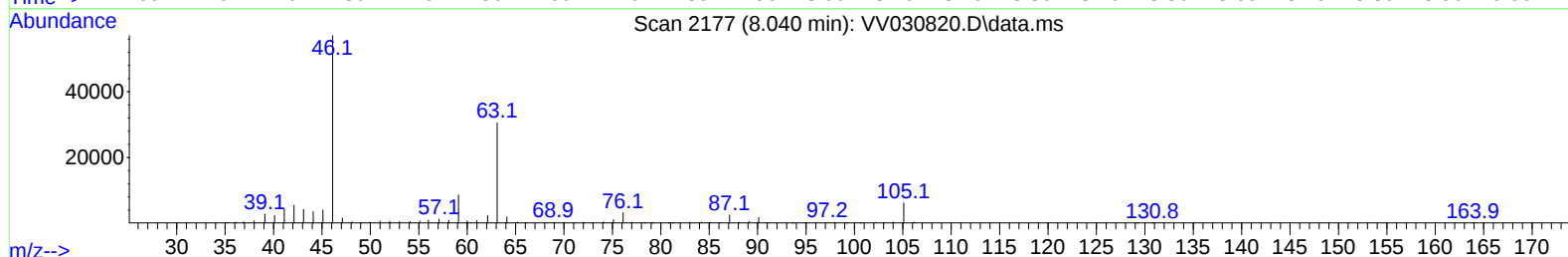
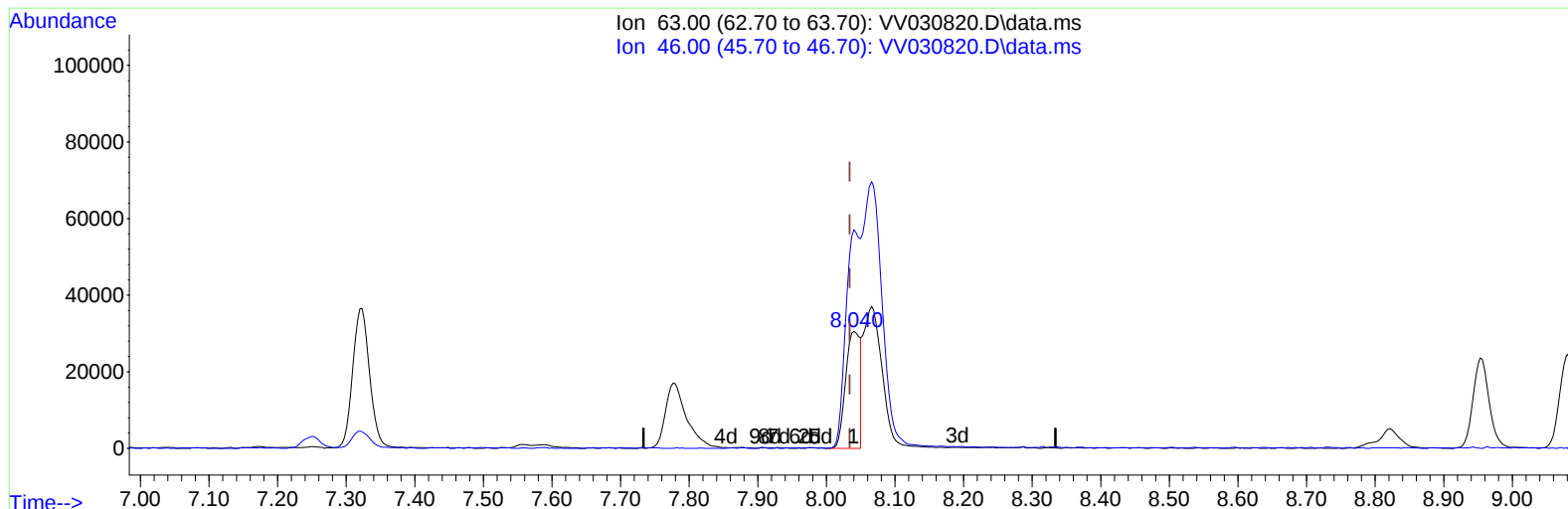
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042423\  
 Data File : VV030820.D  
 Acq On : 25 Apr 2023 02:42  
 Operator : SY/MD  
 Sample : 02418-10MSME  
 Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW8Z5MS

## Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 04/26/2023  
 Supervised By :Mahesh Dadoda 04/26/2023

Quant Time: Apr 25 05:32:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 22 00:43:23 2023  
 Response via : Initial Calibration



TIC: VV030820.D\data.ms

## (47) 2-Hexanone-d5 (S)

8.040min (+ 0.006) 56.68 ug/L

response 45465

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 190.80 | 186.43 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

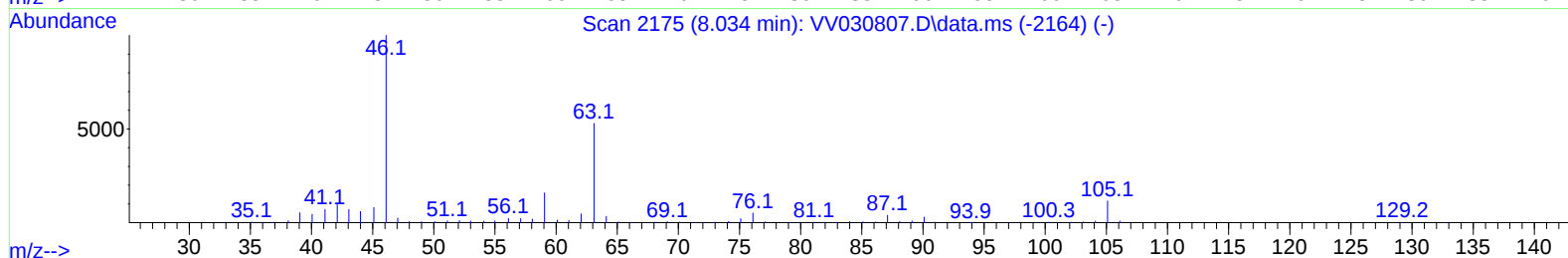
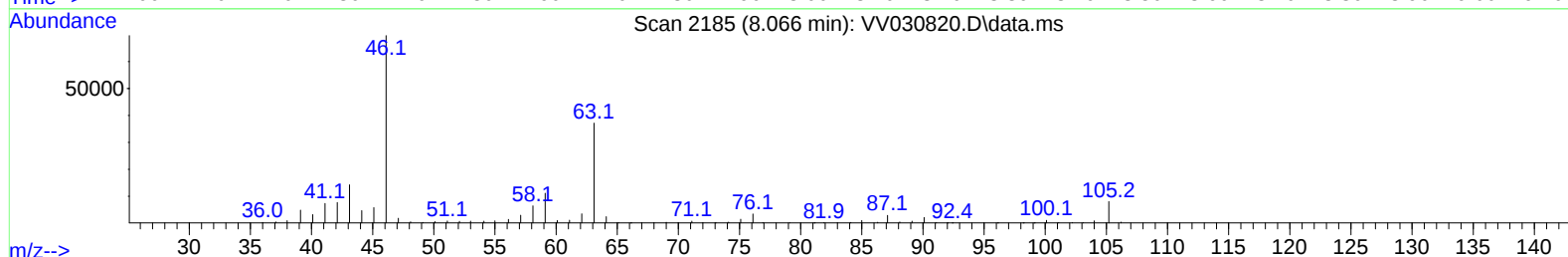
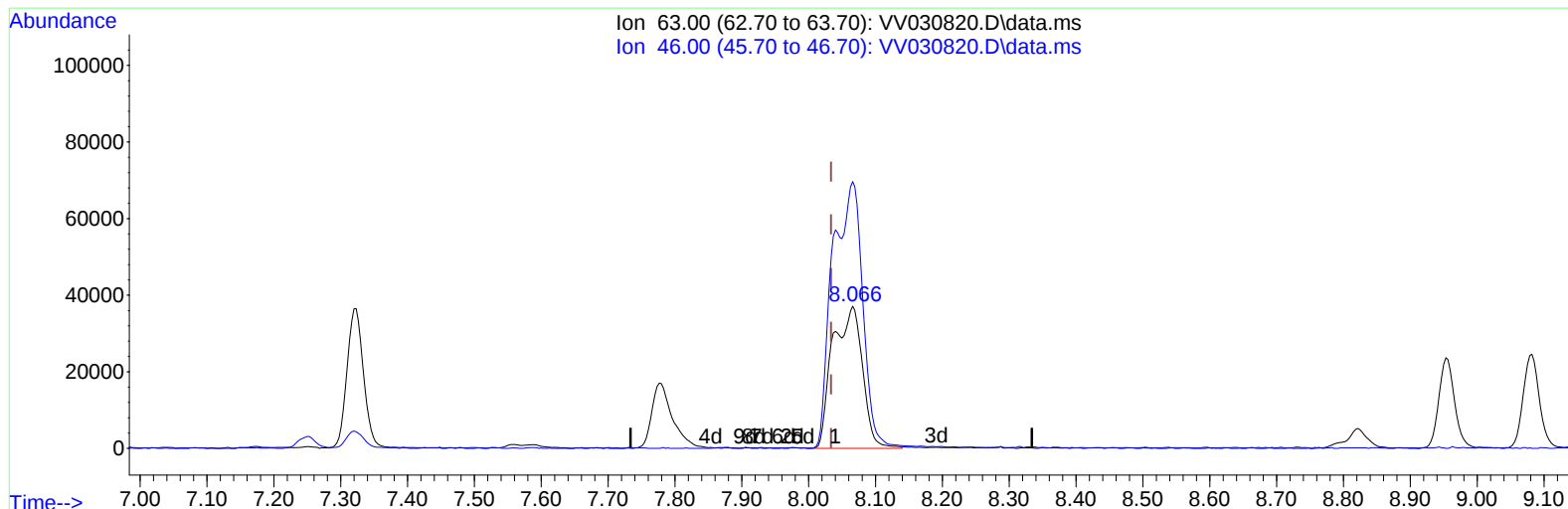
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TIC: VV030820.D\data.ms

**(47) 2-Hexanone-d5 (S)**

**8.066min (+ 0.032) 143.11 ug/L m**

**response 114788**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 190.80 | 73.84# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

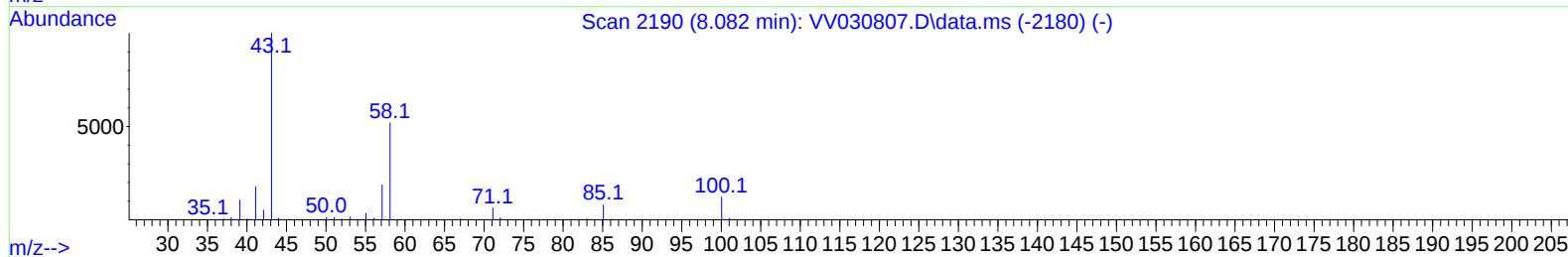
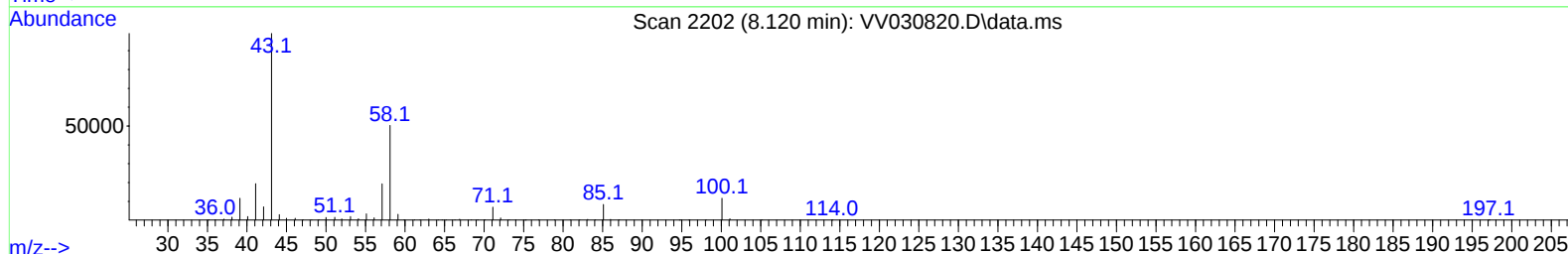
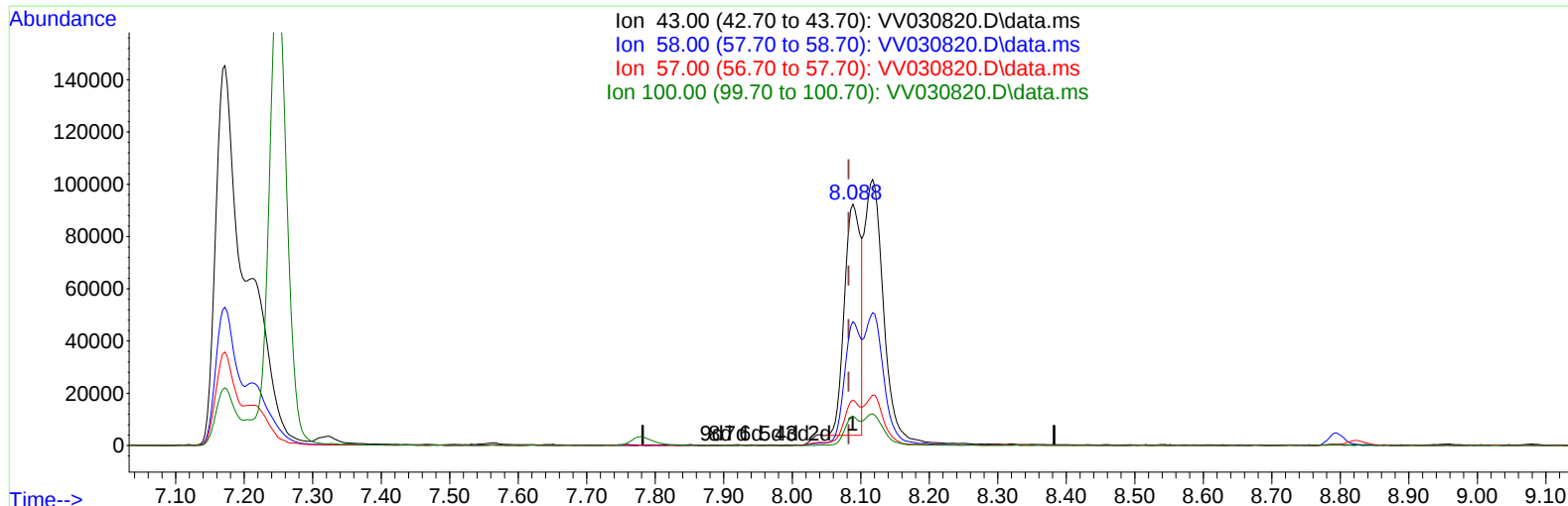
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 MSVOA\_V  
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Manual IntegrationsAPPROVED

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 Supervised By :Mahesh Dadoda 04/26/2023



TIC: VV030820.D\data.ms

**(48) 2-Hexanone (T)**

**8.088min (+ 0.006) 55.96 ug/L**

**response 146157**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 43.00  | 100.00 | 100.00 |
| 58.00  | 51.70  | 52.03  |
| 57.00  | 18.60  | 17.94  |
| 100.00 | 11.30  | 11.77  |

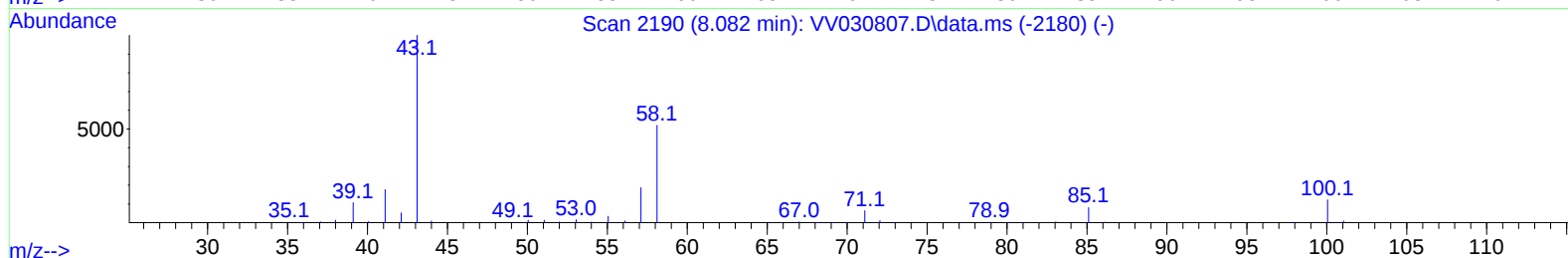
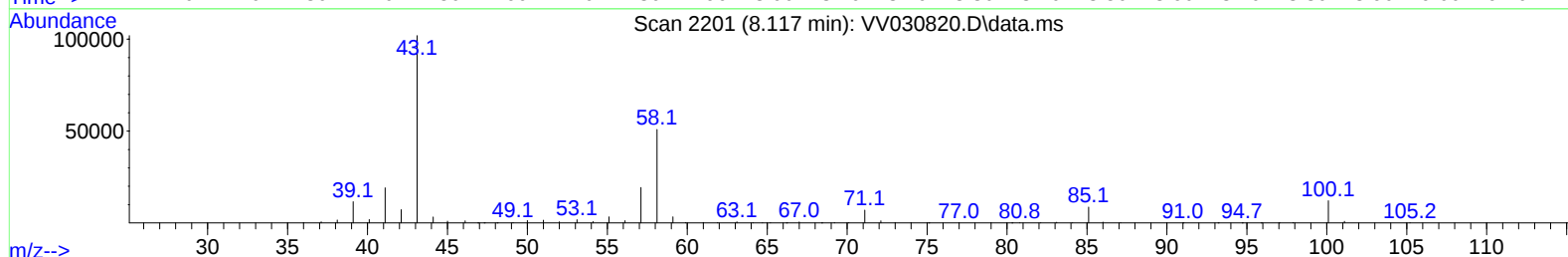
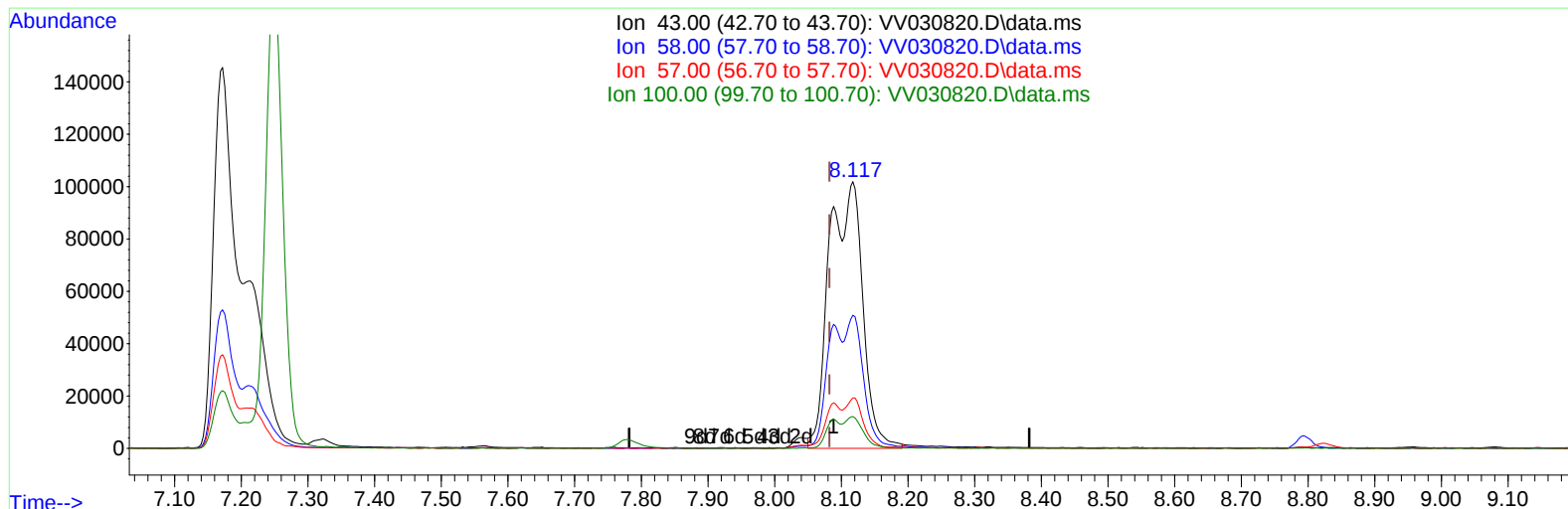
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 Data File : VV030820.D  
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Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Apr 25 05:32:11 2023  
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 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 22 00:43:23 2023  
 Response via : Initial Calibration

Reviewed By :Krupa Patel 04/26/2023  
 Supervised By :Mahesh Dadoda 04/26/2023



TIC: VV030820.D\data.ms

**(48) 2-Hexanone (T)**

8.117min (+ 0.035) 135.82 ug/L m

response 354752

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 43.00  | 100.00 | 100.00 |
| 58.00  | 51.70  | 21.43# |
| 57.00  | 18.60  | 7.39#  |
| 100.00 | 11.30  | 4.85#  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042423\  
 Data File : VW030820.D  
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 Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW8Z5MS

## Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 04/26/2023  
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 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 22 00:43:23 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------------|----------|
| Internal Standards            |         |       |          |          |             |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114   | 285072   | 50.000   | ug/L        | 0.00     |
| 28) Chlorobenzene-d5          | 8.792   | 117   | 277248   | 50.000   | ug/L        | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.198  | 152   | 170639   | 50.000   | ug/L        | 0.00     |
| System Monitoring Compounds   |         |       |          |          |             |          |
| 4) Vinyl Chloride-d3          | 1.282   | 65    | 120493   | 57.658   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | = 115.320%  |          |
| 7) Chloroethane-d5            | 1.529   | 69    | 128509   | 73.382   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | = 146.760%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.050   | 65    | 62265    | 62.827   | ug/L        | -0.01    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | = 125.660%# |          |
| 21) 2-Butanone-d5             | 3.812   | 46    | 165394   | 144.091  | ug/L        | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | = 144.090%# |          |
| 24) Chloroform-d              | 4.259   | 84    | 269679   | 71.208   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | = 142.420%# |          |
| 26) 1,2-Dichloroethane-d4     | 4.950   | 65    | 181125   | 74.388   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | = 148.780%# |          |
| 32) Benzene-d6                | 4.963   | 84    | 500082   | 76.291   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | = 152.580%# |          |
| 36) 1,2-Dichloropropane-d6    | 5.995   | 67    | 147636   | 72.508   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | = 145.020%# |          |
| 41) Toluene-d8                | 7.249   | 98    | 481900   | 78.301   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | = 156.600%# |          |
| 43) trans-1,3-Dichloroprop... | 7.561   | 79    | 81534    | 79.449   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | = 158.900%# |          |
| 47) 2-Hexanone-d5             | 8.066   | 63    | 114788m  | 143.107  | ug/L        | 0.03     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | = 143.110%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.169  | 84    | 221827   | 75.080   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | = 150.160%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.574  | 152   | 211030   | 77.806   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | = 155.620%# |          |
| Target Compounds              |         |       |          |          |             |          |
|                               |         |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.108   | 85    | 146036   | 59.583   | ug/L        | 100      |
| 3) Chloromethane              | 1.217   | 50    | 221722   | 68.963   | ug/L        | 99       |
| 5) Vinyl chloride             | 1.285   | 62    | 153607   | 59.260   | ug/L        | 100      |
| 6) Bromomethane               | 1.487   | 94    | 90680    | 88.224   | ug/L        | 97       |
| 8) Chloroethane               | 1.542   | 64    | 121788   | 68.502   | ug/L        | 100      |
| 9) Trichlorofluoromethane     | 1.693   | 101   | 329538   | 78.441   | ug/L        | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.056   | 101   | 154679   | 70.059   | ug/L        | 99       |
| 12) 1,1-Dichloroethene        | 2.060   | 96    | 129461   | 64.856   | ug/L        | 97       |
| 13) Acetone                   | 2.134   | 43    | 146135   | 82.275   | ug/L        | 98       |
| 14) Carbon disulfide          | 2.230   | 76    | 328746   | 58.308   | ug/L        | 99       |
| 15) Methyl Acetate            | 2.381   | 43    | 156450   | 66.005   | ug/L        | 99       |
| 16) Methylene chloride        | 2.449   | 84    | 143840   | 62.970   | ug/L        | 96       |
| 17) trans-1,2-Dichloroethene  | 2.690   | 96    | 135371   | 67.178   | ug/L        | 99       |
| 18) Methyl tert-butyl Ether   | 2.716   | 73    | 505517   | 78.320   | ug/L        | 98       |
| 19) 1,1-Dichloroethane        | 3.111   | 63    | 273846   | 66.653   | ug/L        | 99       |
| 20) cis-1,2-Dichloroethene    | 3.818   | 96    | 152045   | 69.362   | ug/L        | 98       |
| 22) 2-Butanone                | 3.892   | 43    | 204965   | 111.666  | ug/L        | 99       |
| 23) Bromochloromethane        | 4.156   | 128   | 76062    | 62.127   | ug/L        | 98       |
| 25) Chloroform                | 4.285   | 83    | 293124   | 68.931   | ug/L        | 100      |

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 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
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 EW8Z5MS

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 22 00:43:23 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.047  | 62   | 256684   | 71.307  | ug/L  | 99       |
| 29) Cyclohexane               | 4.584  | 56   | 240803   | 72.376  | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 4.516  | 97   | 277421   | 71.211  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.738  | 117  | 243128   | 69.803  | ug/L  | 99       |
| 33) Benzene                   | 5.014  | 78   | 597311   | 70.947  | ug/L  | 100      |
| 34) Trichloroethene           | 5.838  | 95   | 151807   | 69.321  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.056  | 83   | 253931   | 74.002  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.101  | 63   | 157499   | 69.504  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.442  | 83   | 218113   | 68.519  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 6.960  | 75   | 251183   | 73.854  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.172  | 43   | 306515   | 96.832  | ug/L  | 99       |
| 42) Toluene                   | 7.323  | 91   | 657529   | 72.915  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 7.590  | 75   | 251173   | 75.169  | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 7.780  | 97   | 158387   | 69.704  | ug/L  | 98       |
| 46) Tetrachloroethene         | 7.911  | 164  | 137043   | 71.494  | ug/L  | 99       |
| 48) 2-Hexanone                | 8.117  | 43   | 354752m  | 135.824 | ug/L  |          |
| 49) Dibromochloromethane      | 8.188  | 129  | 176898   | 70.579  | ug/L  | 96       |
| 50) 1,2-Dibromoethane         | 8.291  | 107  | 163195   | 69.315  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.821  | 112  | 430267   | 72.044  | ug/L  | 98       |
| 52) Ethylbenzene              | 8.953  | 91   | 748345   | 74.961  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.082  | 106  | 288844   | 76.598  | ug/L  | 99       |
| 54) o-Xylene                  | 9.487  | 106  | 282883   | 76.682  | ug/L  | 99       |
| 55) Styrene                   | 9.506  | 104  | 505627   | 78.028  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.194 | 83   | 256306   | 68.702  | ug/L  | 100      |
| 59) Bromoform                 | 9.683  | 173  | 145057   | 67.898  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.876  | 105  | 797332   | 74.923  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.223 | 75   | 196881   | 64.419  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.487 | 105  | 674717   | 77.005  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.863 | 105  | 676968   | 77.381  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.130 | 146  | 393047   | 73.770  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.220 | 146  | 404704   | 72.033  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.590 | 146  | 389078   | 72.386  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.374 | 75   | 55945    | 61.785  | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 12.593 | 180  | 301785   | 74.981  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.207 | 180  | 266159   | 77.886  | ug/L  | 99       |
| 71) Naphthalene               | 13.448 | 128  | 693948   | 74.235  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.689 | 180  | 259744   | 76.653  | ug/L  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

