

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083021\  
 Data File : VV022025.D  
 Acq On : 31 Aug 2021 00:19  
 Operator : SY/MD  
 Sample : M3566-21  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 31 04:32:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 31 04:25:57 2021  
 Response via : Initial Calibration

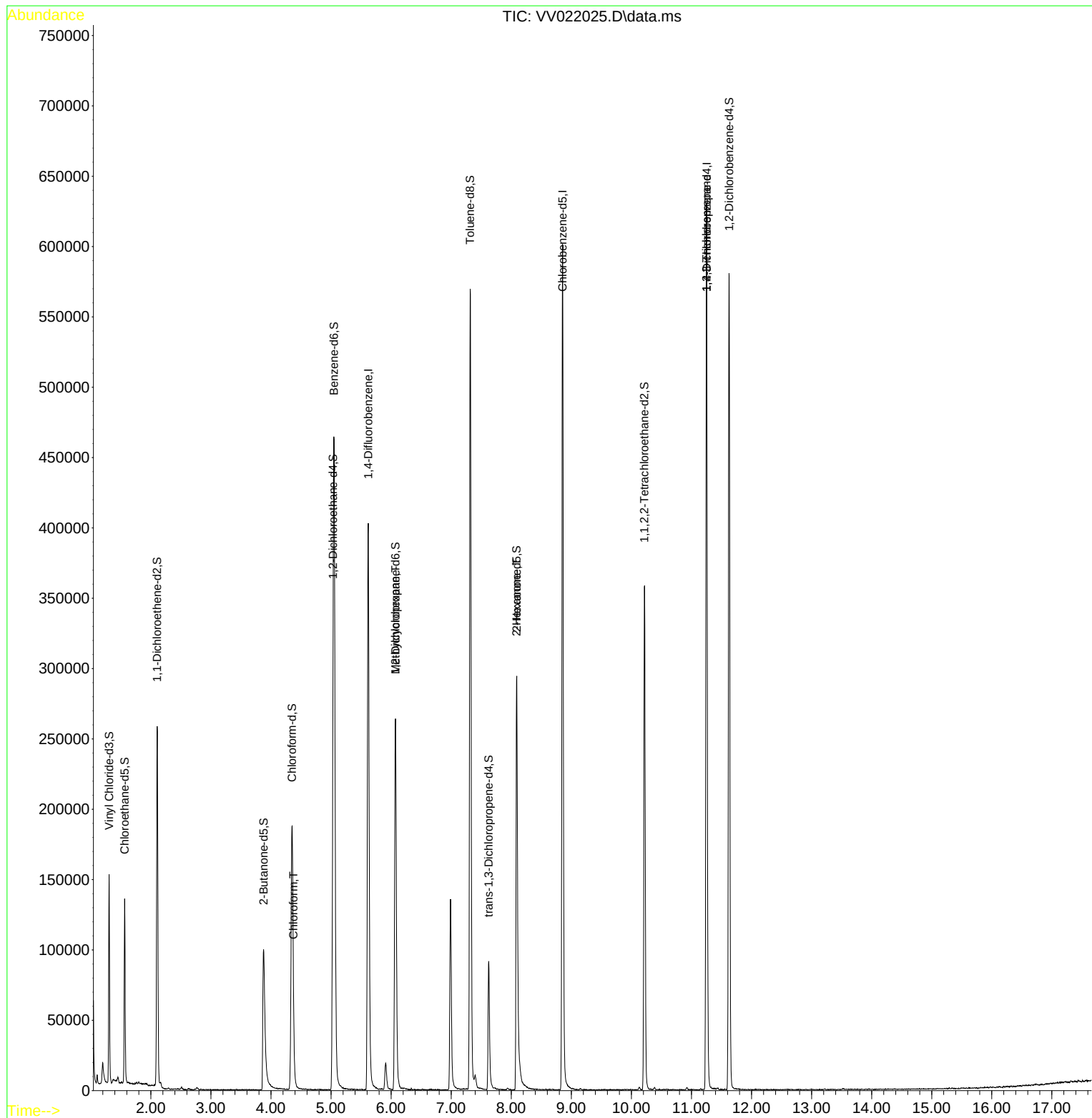
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 363527   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 353916   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 175500   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 89567    | 35.578   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 71.160%  |
| 7) Chloroethane-d5            | 1.565   | 69    | 79177    | 40.274   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 80.540%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 129195   | 31.031   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 62.060%  |
| 21) 2-Butanone-d5             | 3.876   | 46    | 158319   | 91.698   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 91.700%  |
| 24) Chloroform-d              | 4.349   | 84    | 198956   | 43.342   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.680%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 123997   | 45.860   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.720%  |
| 32) Benzene-d6                | 5.050   | 84    | 419583   | 43.709   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.420%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 132764   | 43.978   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 87.960%  |
| 41) Toluene-d8                | 7.317   | 98    | 381477   | 42.098   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 84.200%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 54737    | 38.095   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 76.180%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 100665   | 86.905   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 86.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 176909   | 45.756   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 91.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.628  | 152   | 160118   | 46.409   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 92.820%  |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 25) Chloroform                | 4.375   | 83    | 5917     | 1.238    | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.072   | 83    | 31823    | 7.463    | ug/L # | 21       |
| 48) 2-Hexanone                | 8.092   | 43    | 11732    | 4.179    | ug/L # | 78       |
| 61) 1,2,3-Trichloropropane    | 11.249  | 75    | 18543    | 6.096    | ug/L # | 65       |
| -----                         |         |       |          |          |        |          |

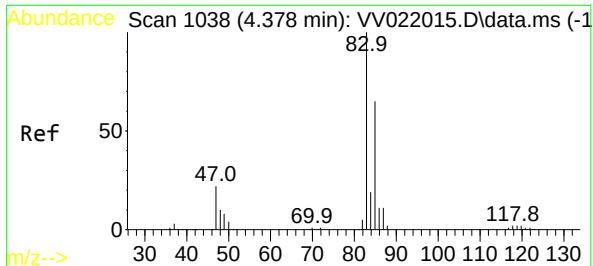
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 1.238 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV022025.D

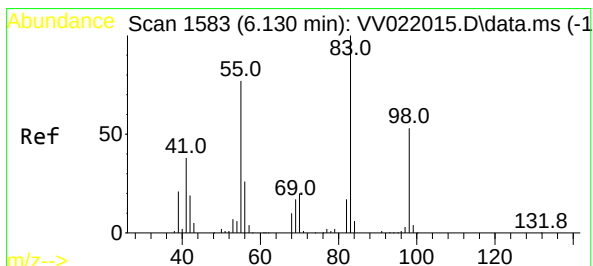
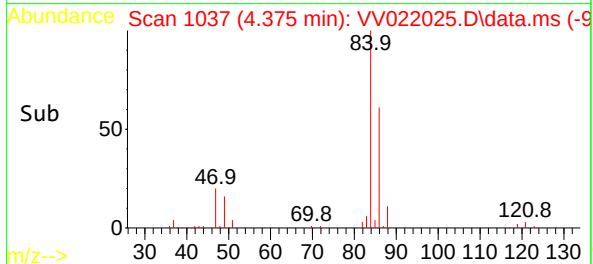
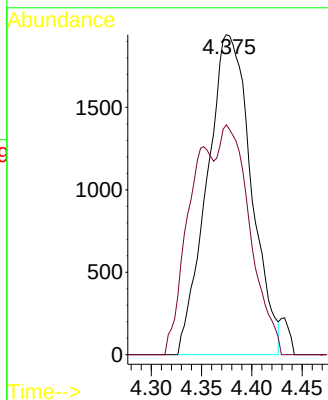
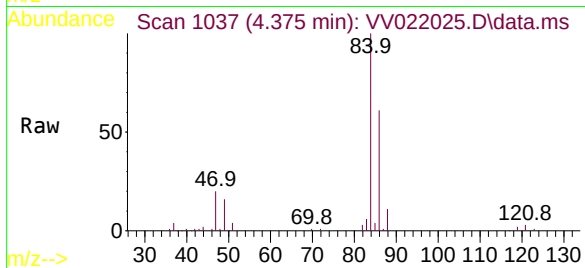
Acq: 31 Aug 2021 00:19

Tgt Ion: 83 Resp: 5917

Ion Ratio Lower Upper

83 100

85 71.9 46.3 85.9



#35

Methylcyclohexane

Concen: 7.463 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV022025.D

Acq: 31 Aug 2021 00:19

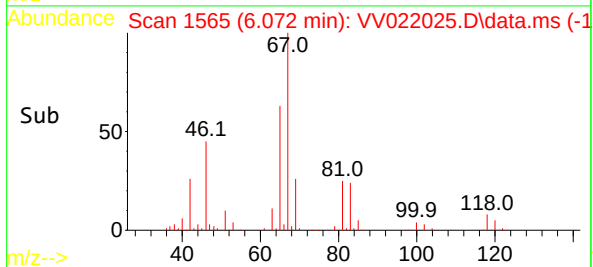
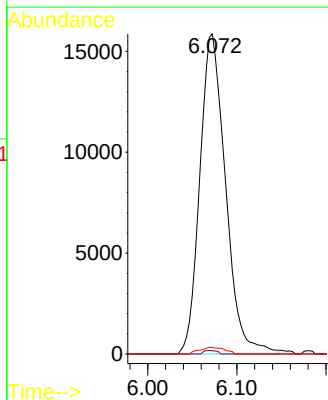
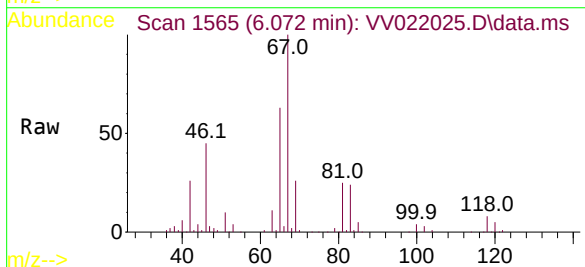
Tgt Ion: 83 Resp: 31823

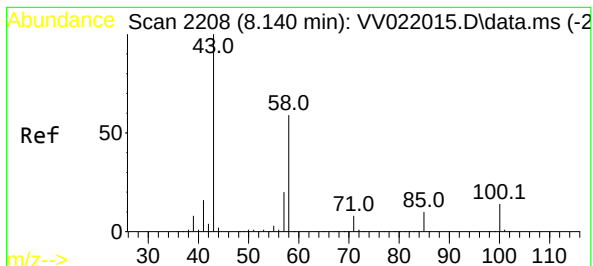
Ion Ratio Lower Upper

83 100

55 0.5 56.8 85.2#

98 1.4 39.9 59.9#

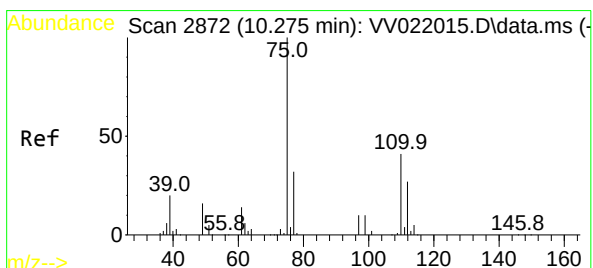
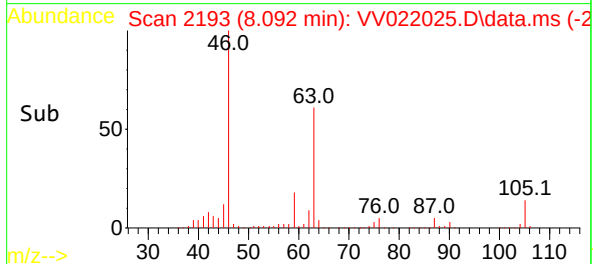
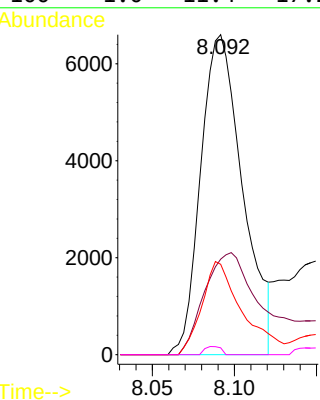
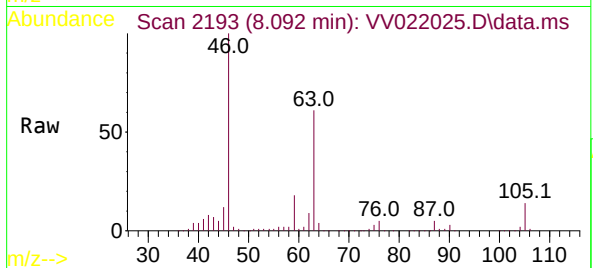




#48  
2-Hexanone  
Concen: 4.179 ug/L  
RT: 8.092 min Scan# 2193  
Delta R.T. -0.048 min  
Lab File: VV022025.D  
Acq: 31 Aug 2021 00:19

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MSVOA\_V  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 11732 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 44.1  | 47.5  | 71.3# |
| 57       | 28.2  | 15.9  | 23.9# |
| 100      | 1.0   | 11.4  | 17.2# |



#61  
1,2,3-Trichloropropane  
Concen: 6.096 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV022025.D  
Acq: 31 Aug 2021 00:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 18543 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 33.2  | 26.2  | 39.2  |
| 110      | 3.1   | 33.8  | 50.6# |

