

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111323\  
 Data File : VW032932.D  
 Acq On : 13 Nov 2023 15:28  
 Operator : SY/MD  
 Sample : 05326-05DL 20X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E45K4DL

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023  
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 14 00:19:17 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM111323WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Nov 13 23:16:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 380543     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.786          | 117  | 377085     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188         | 152  | 191222     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 142235     | 44.193   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 88.380%  |       |          |
| 7) Chloroethane-d5            | 1.513          | 69   | 126099     | 47.287   | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 94.580%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 64027      | 45.659   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 91.320%  |       |          |
| 21) 2-Butanone-d5             | 3.783          | 46   | 122589     | 88.859   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 88.860%  |       |          |
| 24) Chloroform-d              | 4.246          | 84   | 259264     | 46.628   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.260%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 164639     | 48.663   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.320%  |       |          |
| 32) Benzene-d6                | 4.960          | 84   | 499602     | 48.578   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.160%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 148596     | 49.707   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 99.420%  |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 445390     | 46.972   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.940%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.554          | 79   | 76312      | 48.085   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 96.160%  |       |          |
| 47) 2-Hexanone-d5             | 8.027          | 63   | 112138     | 102.391  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 102.390% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156         | 84   | 221714     | 50.629   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 101.260% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 194482     | 52.342   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 104.680% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 34) Trichloroethene           | 5.841          | 95   | 4670m      | 1.678    | ug/L  |          |
| 46) Tetrachloroethene         | 7.905          | 164  | 172135     | 71.891   | ug/L  | 97       |
| -----                         |                |      |            |          |       |          |

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

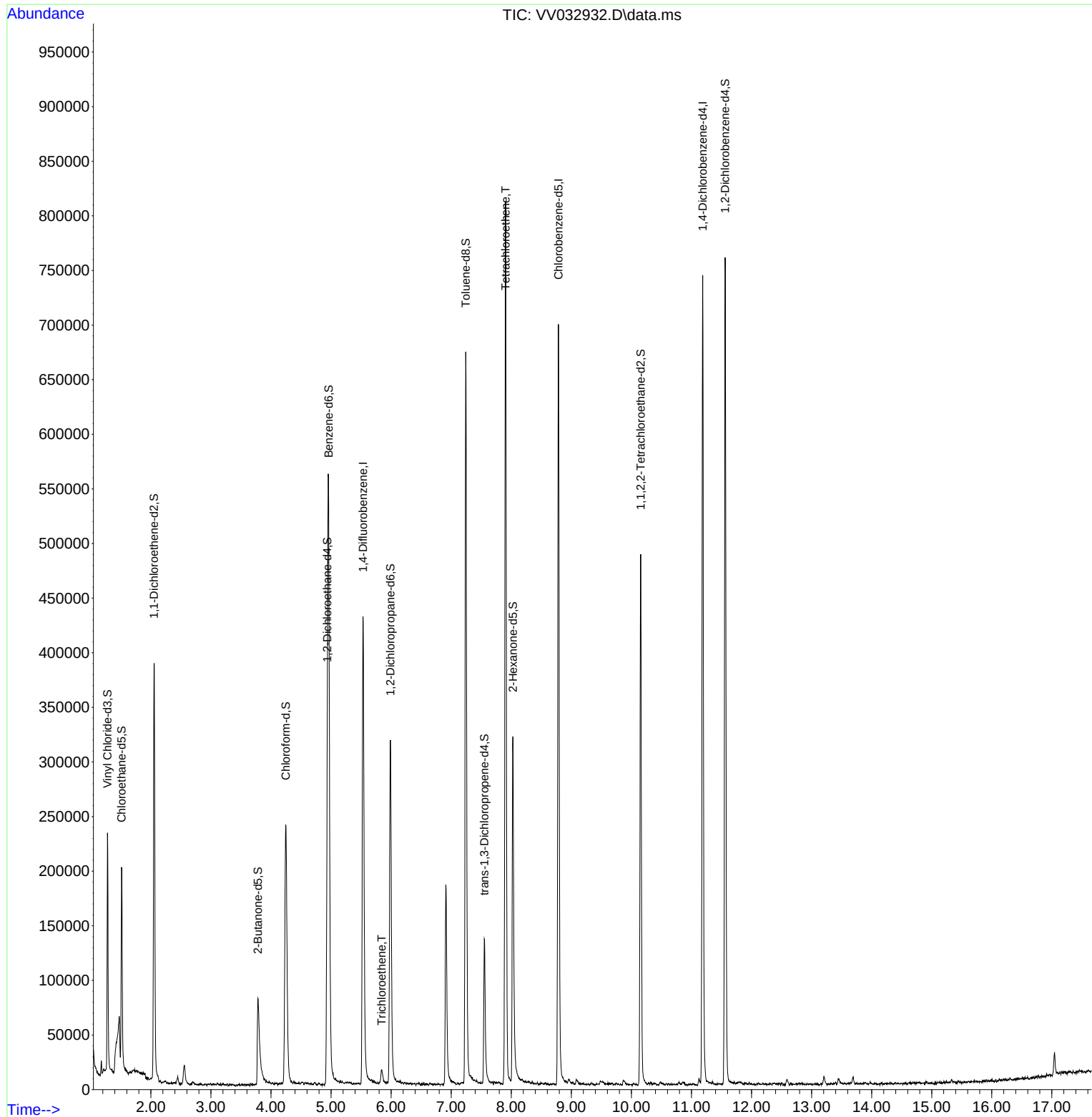
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111323\  
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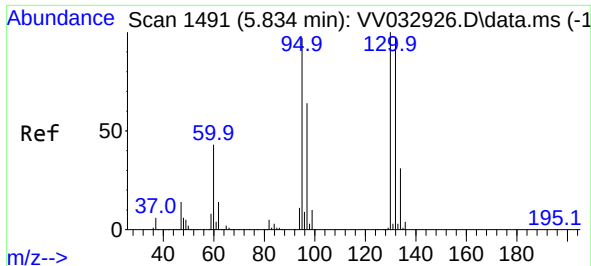
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MSVOA\_V  
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Quant Time: Nov 14 00:19:17 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM111323WMA.M  
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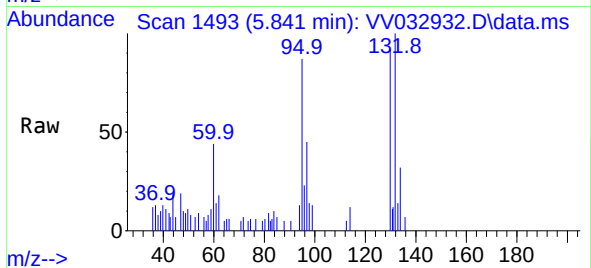
Reviewed By :Mahesh Dadoda 11/17/2023  
Supervised By :Semsettin Yesilyurt 11/17/2023





#34  
Trichloroethene  
Concen: 1.678 ug/L m  
RT: 5.841 min Scan# 1491  
Delta R.T. 0.006 min  
Lab File: VV032932.D  
Acq: 13 Nov 2023 15:28

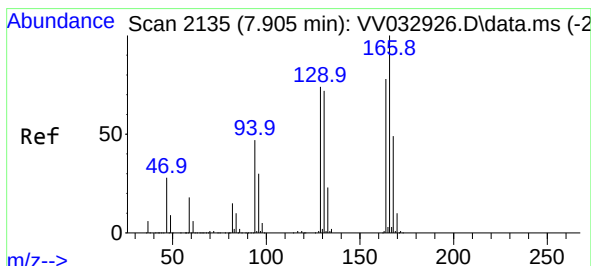
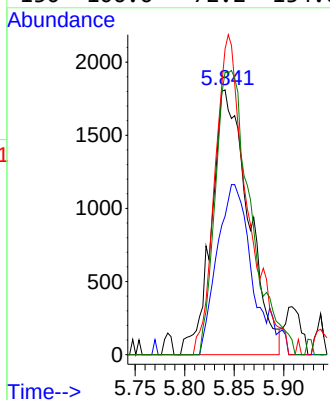
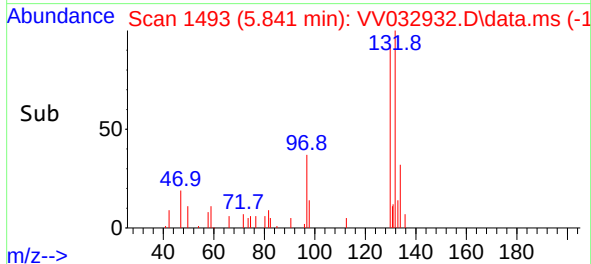
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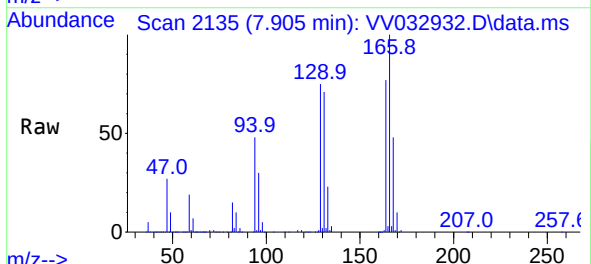
Tgt Ion: 95 Resp: 4670  
Ion Ratio Lower Upper  
95 100  
97 52.3 45.7 84.9  
132 115.5 70.0 130.0  
130 106.6 72.2 134.0

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#46  
Tetrachloroethene  
Concen: 71.891 ug/L  
RT: 7.905 min Scan# 2135  
Delta R.T. -0.000 min  
Lab File: VV032932.D  
Acq: 13 Nov 2023 15:28



Tgt Ion:164 Resp: 172135  
Ion Ratio Lower Upper  
164 100  
129 96.4 64.2 119.2  
131 91.7 63.5 117.9  
166 129.2 87.7 162.9

