

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV112524\  
 Data File : VV038335.D  
 Acq On : 25 Nov 2024 11:38  
 Operator : SY/MD  
 Sample : P4884-19DL 200X  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3P4DL

Quant Time: Nov 26 00:40:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 26 00:39:03 2024  
 Response via : Initial Calibration

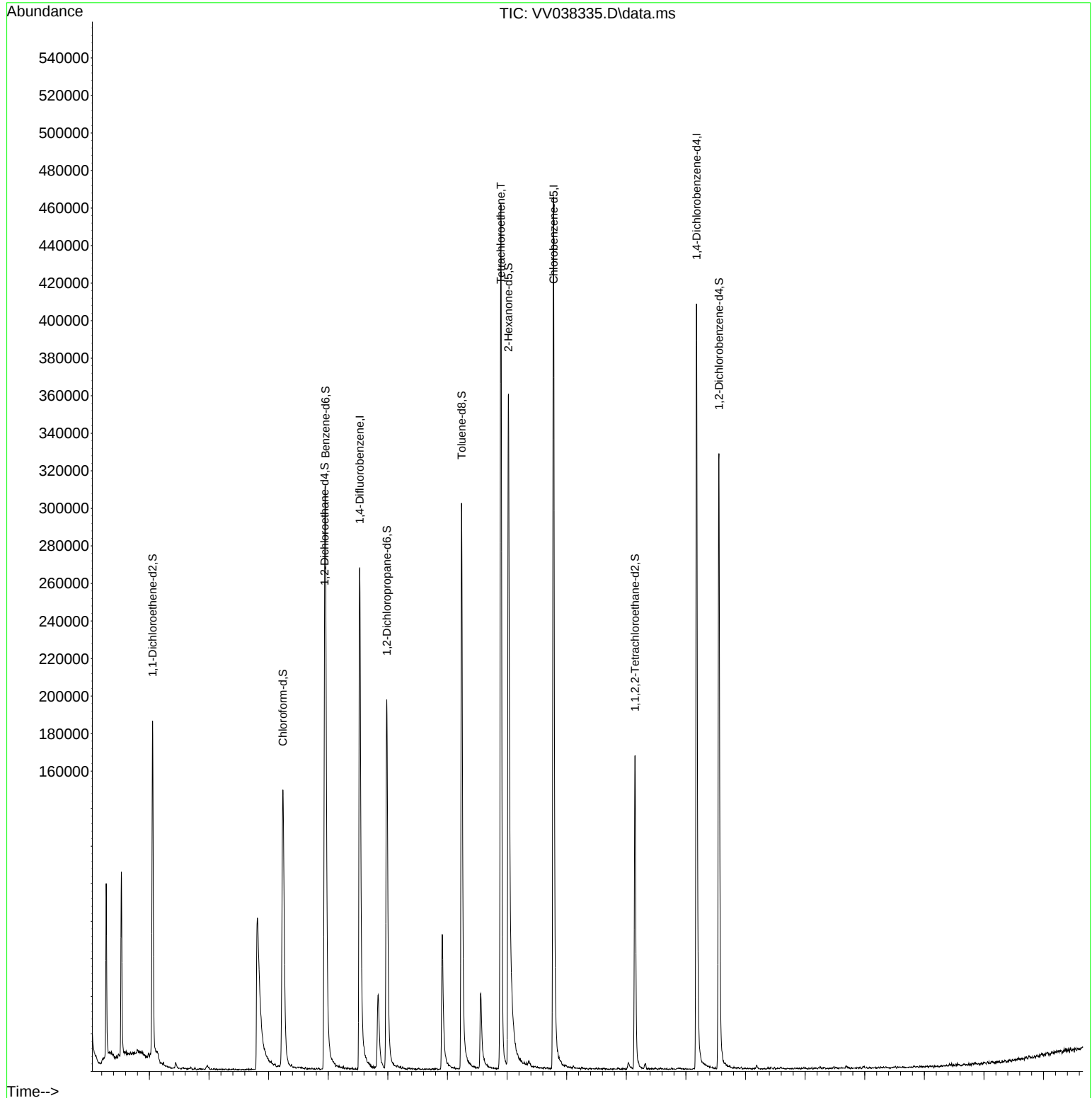
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 251364   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117   | 277460   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178 | 152   | 113684   | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 58434    | 3.033    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 60.600%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 63169    | 4.053    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 81.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 30008    | 3.619    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 72.400%  |
| 20) 2-Butanone-d5             | 3.812  | 46    | 192278   | 49.888   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 99.780%  |
| 24) Chloroform-d              | 4.240  | 84    | 171233   | 4.579    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 91.600%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 83905    | 5.001    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 100.000% |
| 32) Benzene-d6                | 4.953  | 84    | 290167   | 4.046    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 81.000%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 98700    | 4.473    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 89.400%  |
| 41) Toluene-d8                | 7.236  | 98    | 225037   | 3.391    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 67.800%# |
| 43) trans-1,3-Dichloroprop... | 7.555  | 79    | 30047    | 3.662    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 73.200%  |
| 46) 2-Hexanone-d5             | 8.021  | 63    | 142270   | 44.612   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 89.220%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84    | 85759    | 4.578    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 91.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.554 | 152   | 91882    | 4.744    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 94.800%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 34) Trichloroethene           | 5.834  | 95    | 15934    | 0.750    | ug/L  | 91       |
| 47) Tetrachloroethene         | 7.895  | 164   | 107061   | 6.271    | ug/L  | 97       |
| -----                         |        |       |          |          |       |          |

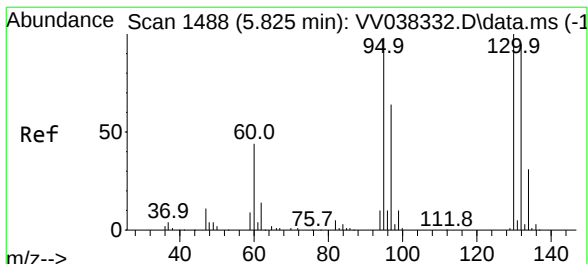
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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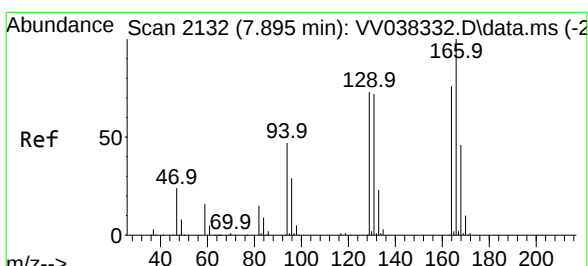
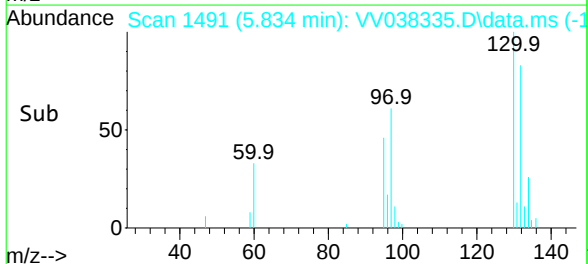
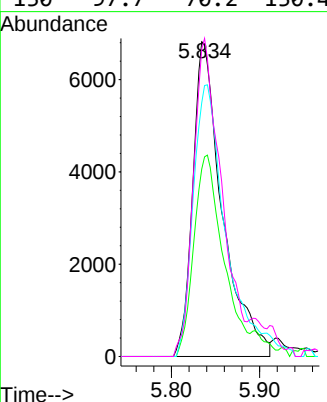
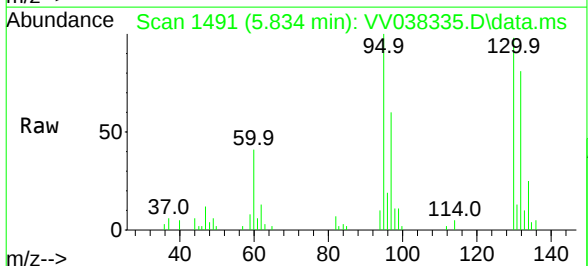




#34  
 Trichloroethene  
 Concen: 0.750 ug/L  
 RT: 5.834 min Scan# 1488  
 Delta R.T. 0.010 min  
 Lab File: VV038335.D  
 Acq: 25 Nov 2024 11:38

Instrument :  
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 ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 15934 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 59.5  | 44.8  | 83.2  |
| 132      | 80.6  | 68.3  | 126.8 |
| 130      | 97.7  | 70.2  | 130.4 |



#47  
 Tetrachloroethene  
 Concen: 6.271 ug/L  
 RT: 7.895 min Scan# 2132  
 Delta R.T. -0.000 min  
 Lab File: VV038335.D  
 Acq: 25 Nov 2024 11:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 107061 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 93.7  | 68.5  | 127.1  |
| 131      | 92.7  | 64.8  | 120.4  |
| 166      | 122.6 | 88.3  | 163.9  |

