

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112024\  
 Data File : VU061879.D  
 Acq On : 20 Nov 2024 20:35  
 Operator : MD/SY  
 Sample : P4885-02DL 4X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG3P7DL

Quant Time: Nov 21 01:33:32 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR112024WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 21 01:18:14 2024  
 Response via : Initial Calibration

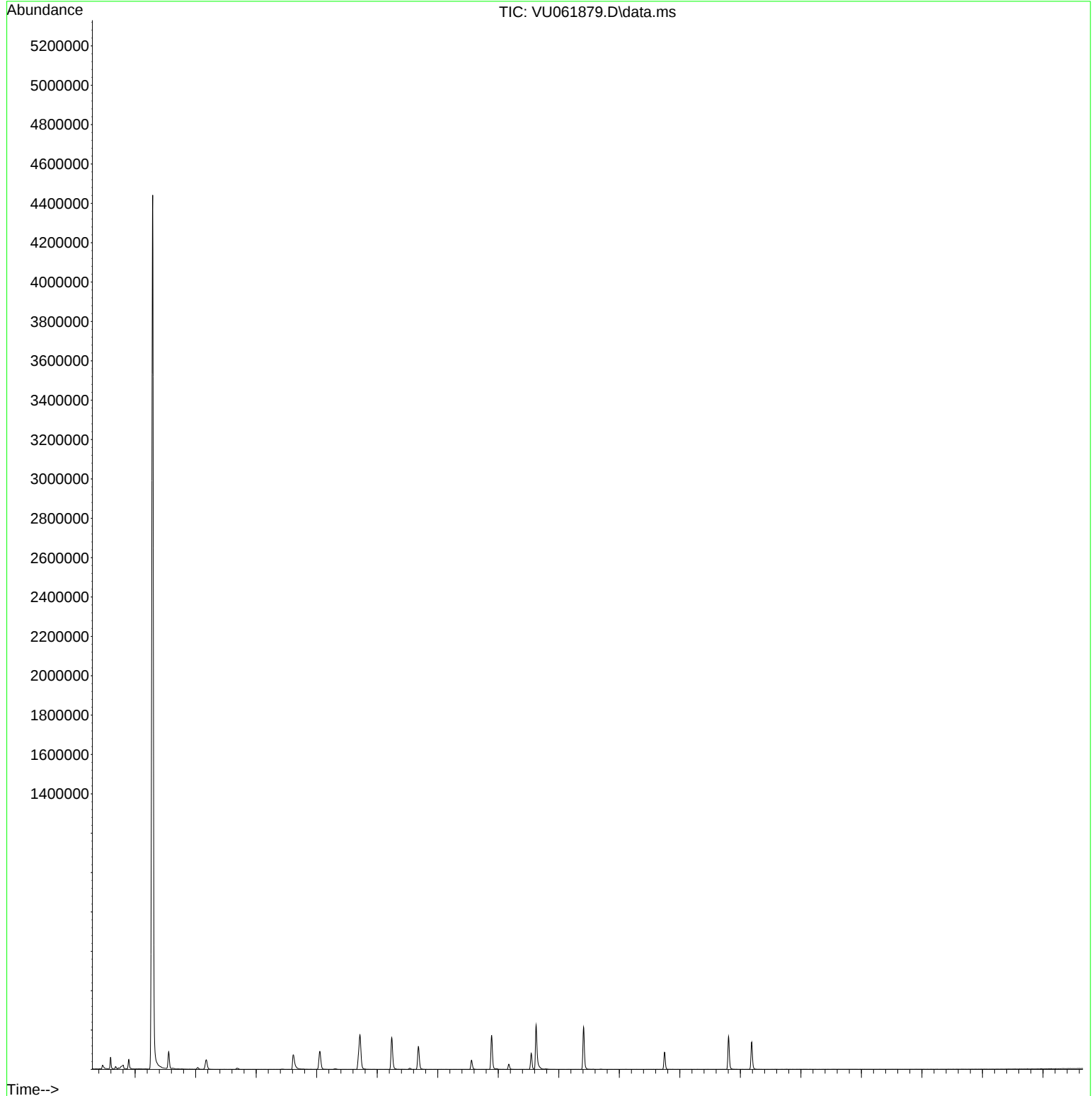
| Compound                      | R.T. QIon |       | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|-----------|-------|----------|----------|-------|-----------|
| -----                         |           |       |          |          |       |           |
| Internal Standards            |           |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 6.239     | 114   | 132997   | 5.000    | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 9.409     | 117   | 118311   | 5.000    | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.804    | 152   | 45218    | 5.000    | ug/L  | 0.00      |
|                               |           |       |          |          |       |           |
| System Monitoring Compounds   |           |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.596     | 65    | 40727    | 6.243    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000     | Range | 40 - 130 | Recovery | =     | 124.800%  |
| 7) Chloroethane-d5            | 1.895     | 69    | 36850    | 6.385    | ug/L  | -0.01     |
| Spiked Amount                 | 5.000     | Range | 65 - 130 | Recovery | =     | 127.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.554     | 65    | 16370    | 6.281    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000     | Range | 60 - 125 | Recovery | =     | 125.600%# |
| 20) 2-Butanone-d5             | 4.612     | 46    | 112286   | 54.811   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000    | Range | 40 - 130 | Recovery | =     | 109.620%  |
| 24) Chloroform-d              | 5.052     | 84    | 86984    | 5.465    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000     | Range | 70 - 125 | Recovery | =     | 109.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.692     | 65    | 49339    | 6.024    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000     | Range | 70 - 130 | Recovery | =     | 120.400%  |
| 32) Benzene-d6                | 5.714     | 84    | 160726   | 6.973    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000     | Range | 70 - 125 | Recovery | =     | 139.400%# |
| 36) 1,2-Dichloropropane-d6    | 6.679     | 67    | 56134    | 7.167    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000     | Range | 60 - 140 | Recovery | =     | 143.400%# |
| 41) Toluene-d8                | 7.888     | 98    | 119137   | 6.197    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000     | Range | 70 - 130 | Recovery | =     | 124.000%  |
| 43) trans-1,3-Dichloroprop... | 8.174     | 79    | 15766    | 5.437    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000     | Range | 55 - 130 | Recovery | =     | 108.800%  |
| 46) 2-Hexanone-d5             | 8.624     | 63    | 75947    | 57.383   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000    | Range | 45 - 130 | Recovery | =     | 114.760%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746    | 84    | 43446    | 5.551    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000     | Range | 65 - 120 | Recovery | =     | 111.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187    | 152   | 37388    | 5.592    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000     | Range | 80 - 120 | Recovery | =     | 111.800%  |
|                               |           |       |          |          |       |           |
| Target Compounds              |           |       |          |          |       | Qvalue    |
| 16) Methylene chloride        | 3.033     | 84    | 4411     | 0.412    | ug/L  | 96        |
| 47) Tetrachloroethene         | 8.544     | 164   | 17131    | 2.470    | ug/L  | 96        |
| -----                         |           |       |          |          |       |           |

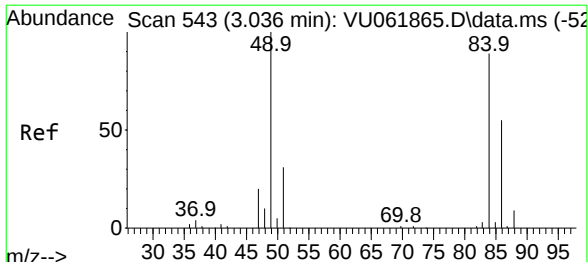
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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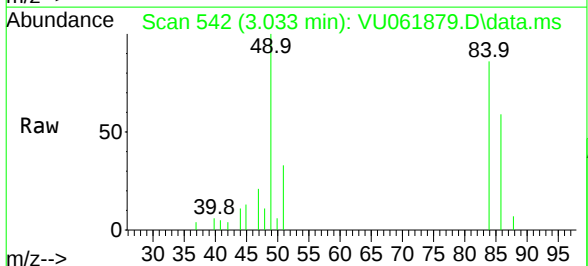
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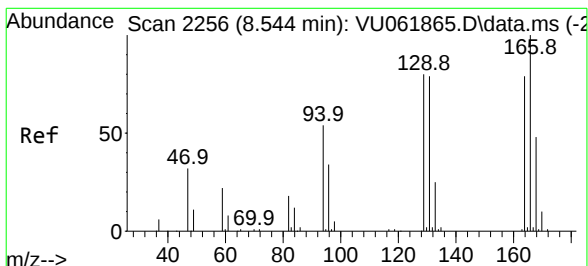
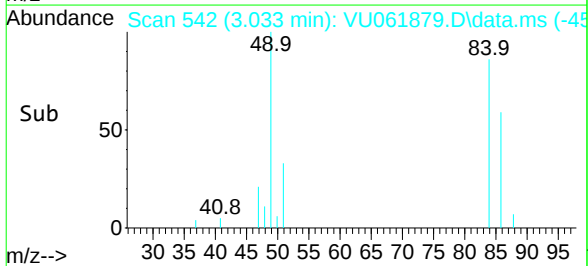
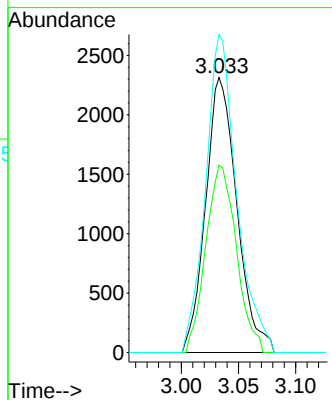


#16  
Methylene chloride  
Concen: 0.412 ug/L  
RT: 3.033 min Scan# 54  
Delta R.T. -0.003 min  
Lab File: VU061879.D  
Acq: 20 Nov 2024 20:35

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 4411  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 68.2  | 43.5  | 80.7  |
| 49       | 115.7 | 81.9  | 152.1 |



#47  
Tetrachloroethene  
Concen: 2.470 ug/L  
RT: 8.544 min Scan# 2256  
Delta R.T. 0.000 min  
Lab File: VU061879.D  
Acq: 20 Nov 2024 20:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 17131 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 98.6  | 73.2  | 136.0 |
| 131      | 97.2  | 72.3  | 134.3 |
| 166      | 128.0 | 90.2  | 167.4 |

