

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050421\  
 Data File : VU043538.D  
 Acq On : 04 May 2021 22:37  
 Operator : SY/MD  
 Sample : M2195-14DL 4X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB3J2DL

Quant Time: May 05 08:19:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR050321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed May 05 08:11:40 2021  
 Response via : Initial Calibration

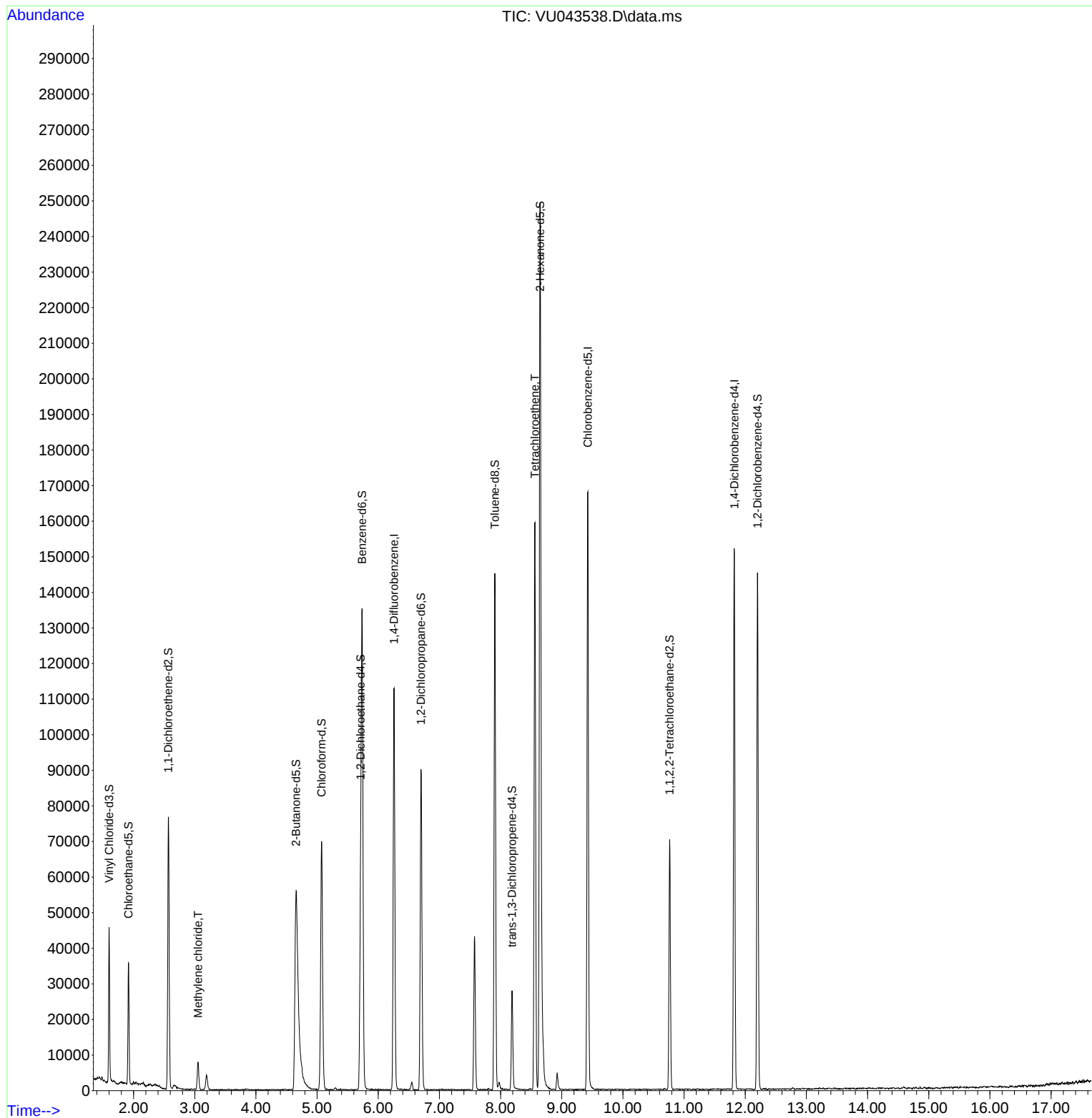
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.259  | 114   | 81693    | 5.00     | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.426  | 117   | 83830    | 5.00     | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.822 | 152   | 36583    | 5.00     | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 28853    | 4.39     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 87.80%   |
| 7) Chloroethane-d5            | 1.916  | 69    | 22432    | 4.66     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 93.20%   |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65    | 14959    | 4.64     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 92.80%   |
| 20) 2-Butanone-d5             | 4.658  | 46    | 128905   | 63.21    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 126.42%  |
| 24) Chloroform-d              | 5.073  | 84    | 60080    | 4.78     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 95.60%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 39483    | 5.21     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 104.20%  |
| 32) Benzene-d6                | 5.735  | 84    | 109306   | 4.82     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 96.40%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 39078    | 4.91     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 98.20%   |
| 41) Toluene-d8                | 7.906  | 98    | 87166    | 4.18     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 83.60%   |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 14523    | 4.53     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 90.60%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 77609    | 57.68    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 115.36%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 33507    | 5.25     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 105.00%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 33930    | 5.20     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 104.00%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 3.054  | 84    | 3373     | 0.46     | ug/L  | 88       |
| 47) Tetrachloroethene         | 8.562  | 164   | 32611    | 7.85     | ug/L  | 98       |
| -----                         |        |       |          |          |       |          |

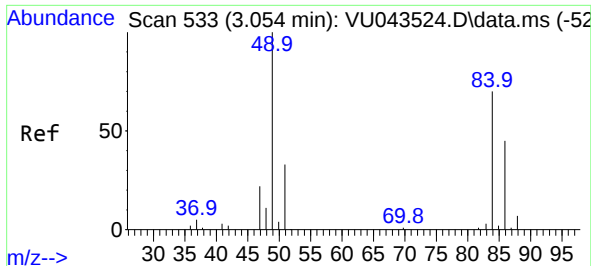
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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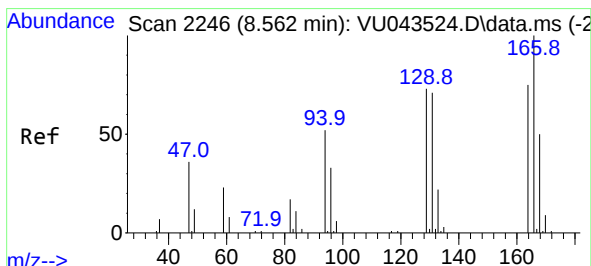
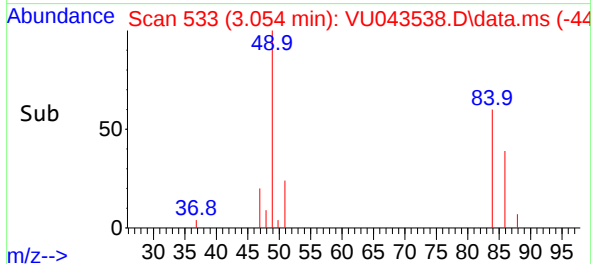
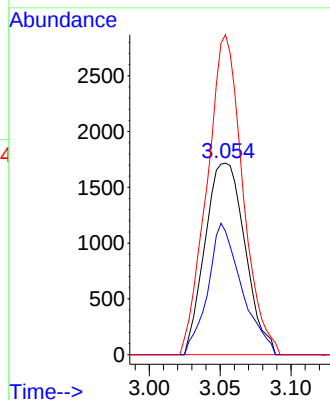
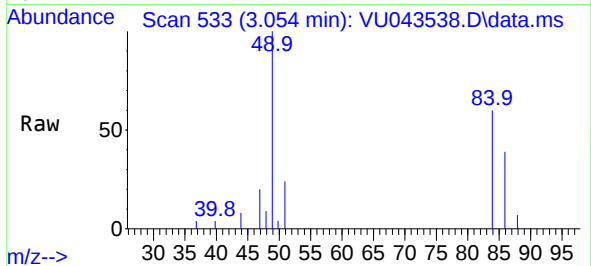


#16  
Methylene chloride  
Concen: 0.46 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

Instrument :  
MSVOA\_U  
ClientSampleId :  
GB3J2DL

Tgt Ion: 84 Resp: 3373

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 64.4  | 45.6  | 84.6  |
| 49  | 173.5 | 107.0 | 198.8 |



#47  
Tetrachloroethene  
Concen: 7.85 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. -0.000 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

Tgt Ion: 164 Resp: 32611

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 91.4  | 62.5  | 116.1 |
| 131 | 91.9  | 64.9  | 120.5 |
| 166 | 124.4 | 89.0  | 165.2 |

