

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050421\  
 Data File : VU043523.D  
 Acq On : 04 May 2021 16:14  
 Operator : SY/MD  
 Sample : VIBLK150  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK150

Quant Time: May 05 04:58:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR050321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed May 05 04:50:58 2021  
 Response via : Initial Calibration

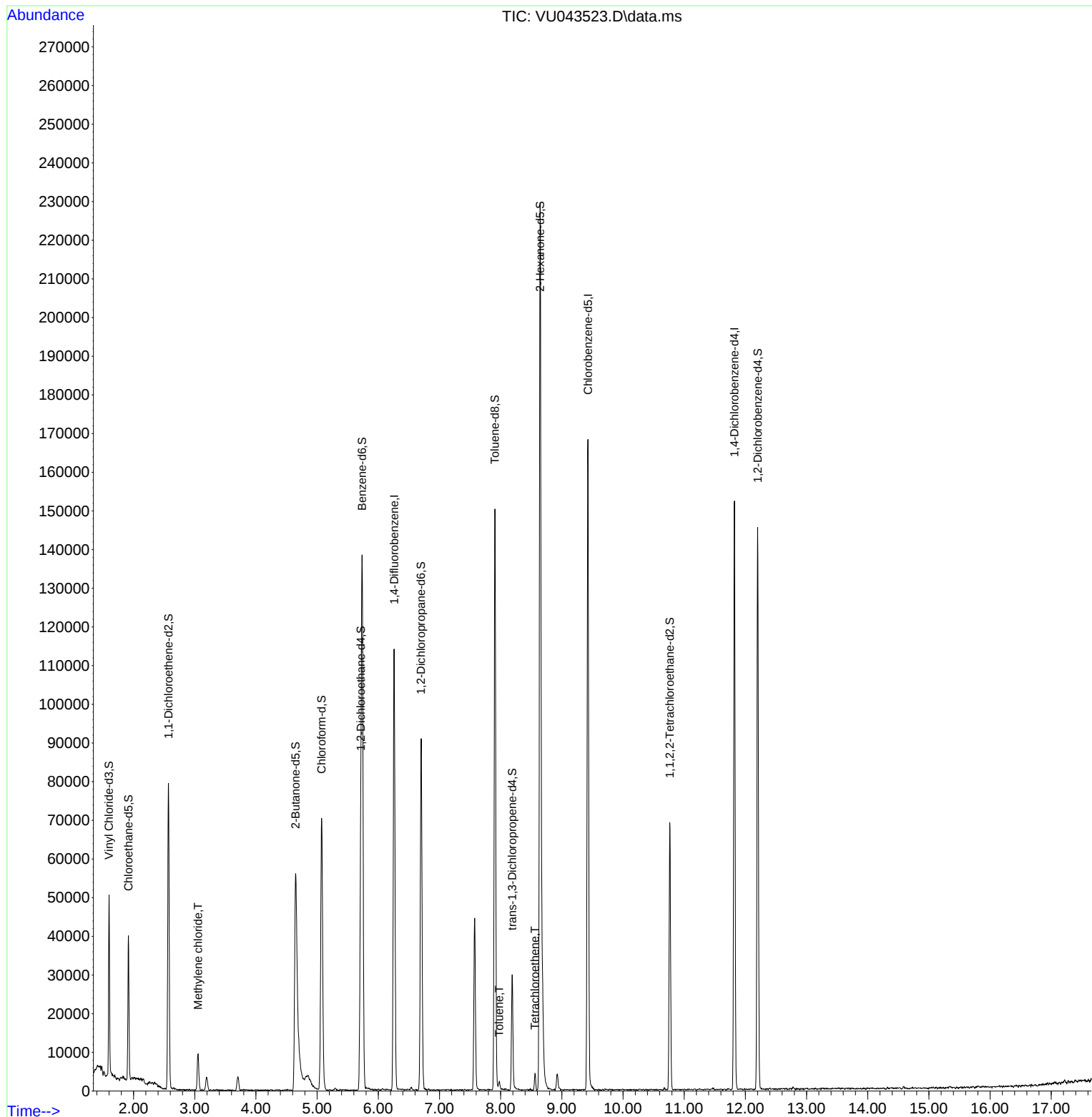
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.259  | 114   | 82386    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.427  | 117   | 83350    | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.822 | 152   | 37343    | 5.00     | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 30598    | 4.62     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 92.40%   |
| 7) Chloroethane-d5            | 1.916  | 69    | 24330    | 5.01     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 100.20%  |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65    | 15284    | 4.70     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 94.00%   |
| 20) 2-Butanone-d5             | 4.649  | 46    | 108366   | 52.69    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 105.38%  |
| 24) Chloroform-d              | 5.073  | 84    | 61174    | 4.83     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.60%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 39536    | 5.18     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 103.60%  |
| 32) Benzene-d6                | 5.735  | 84    | 112656   | 5.00     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 100.00%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 39255    | 4.96     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 99.20%   |
| 41) Toluene-d8                | 7.906  | 98    | 91636    | 4.42     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.40%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 15414    | 4.83     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 96.60%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 75366    | 56.34    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 112.68%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 33587    | 5.30     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 106.00%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 35094    | 5.27     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.40%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.054  | 84    | 4075     | 0.55     | ug/L   | 91       |
| 42) Toluene                   | 7.976  | 91    | 1438     | 0.06     | ug/L   | 95       |
| 47) Tetrachloroethene         | 8.558  | 164   | 894      | 0.22     | ug/L   | 86       |
| -----                         |        |       |          |          |        |          |

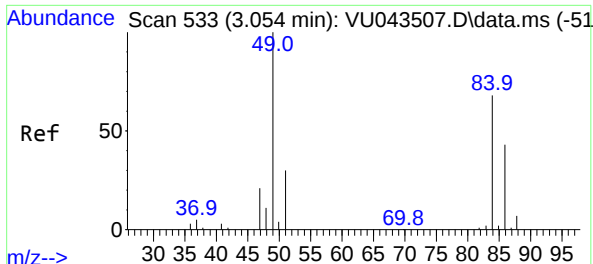
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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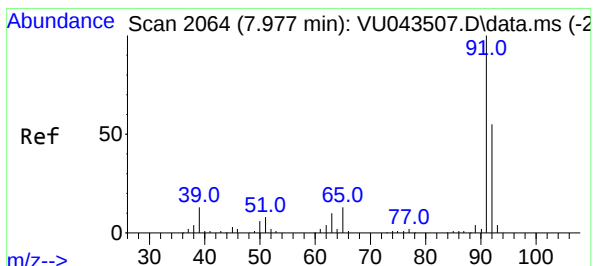
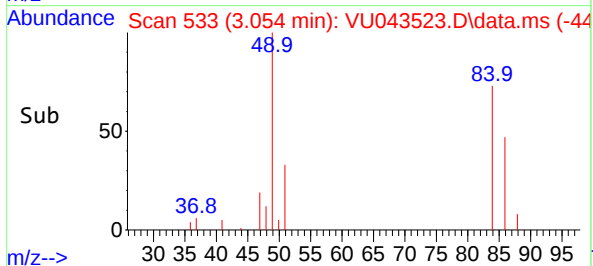
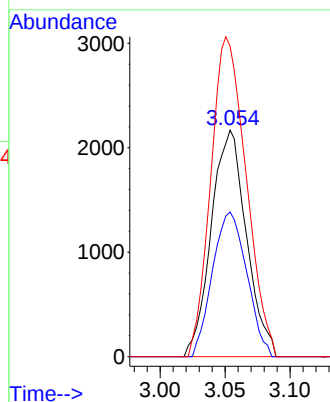
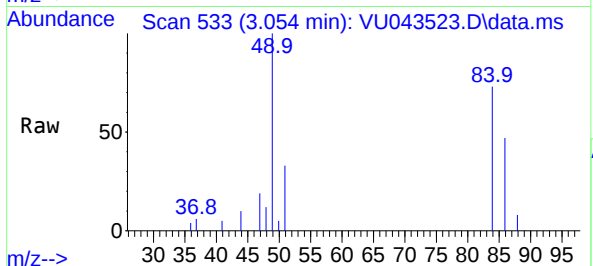




#16  
Methylene chloride  
Concen: 0.55 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU043523.D  
Acq: 04 May 2021 16:14

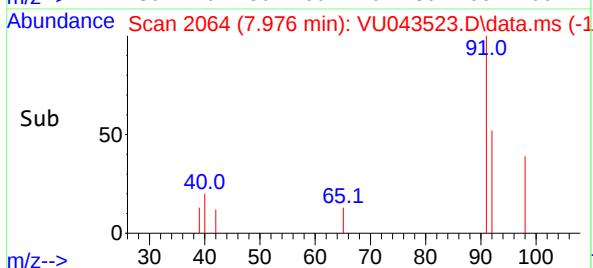
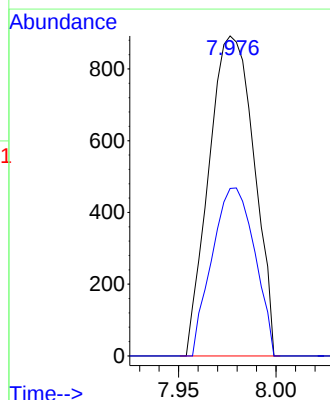
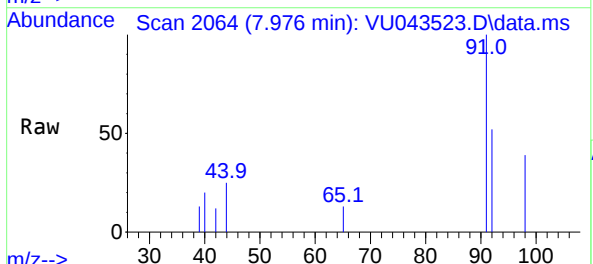
Instrument :  
MSVOA\_U  
ClientSampleId :  
VIBLK150

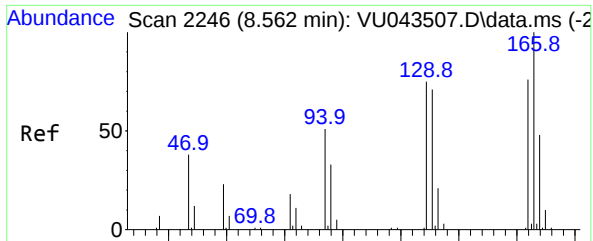
Tgt Ion: 84 Resp: 4075  
Ion Ratio Lower Upper  
84 100  
86 63.8 45.6 84.6  
49 137.1 107.0 198.8



#42  
Toluene  
Concen: 0.06 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU043523.D  
Acq: 04 May 2021 16:14

Tgt Ion: 91 Resp: 1438  
Ion Ratio Lower Upper  
91 100  
92 52.4 39.1 72.5





#47  
Tetrachloroethene  
Concen: 0.22 ug/L  
RT: 8.558 min Scan# 2245  
Delta R.T. -0.003 min  
Lab File: VU043523.D  
Acq: 04 May 2021 16:14

Instrument :  
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Tgt Ion:164 Resp: 894

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 104.9 | 62.5  | 116.1 |
| 131 | 75.9  | 64.9  | 120.5 |
| 166 | 116.9 | 89.0  | 165.2 |

