

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111422\  
 Data File : VU051837.D  
 Acq On : 14 Nov 2022 16:18  
 Operator : JC/MD  
 Sample : N5593-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AD7

Quant Time: Nov 15 03:04:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 15 03:00:15 2022  
 Response via : Initial Calibration

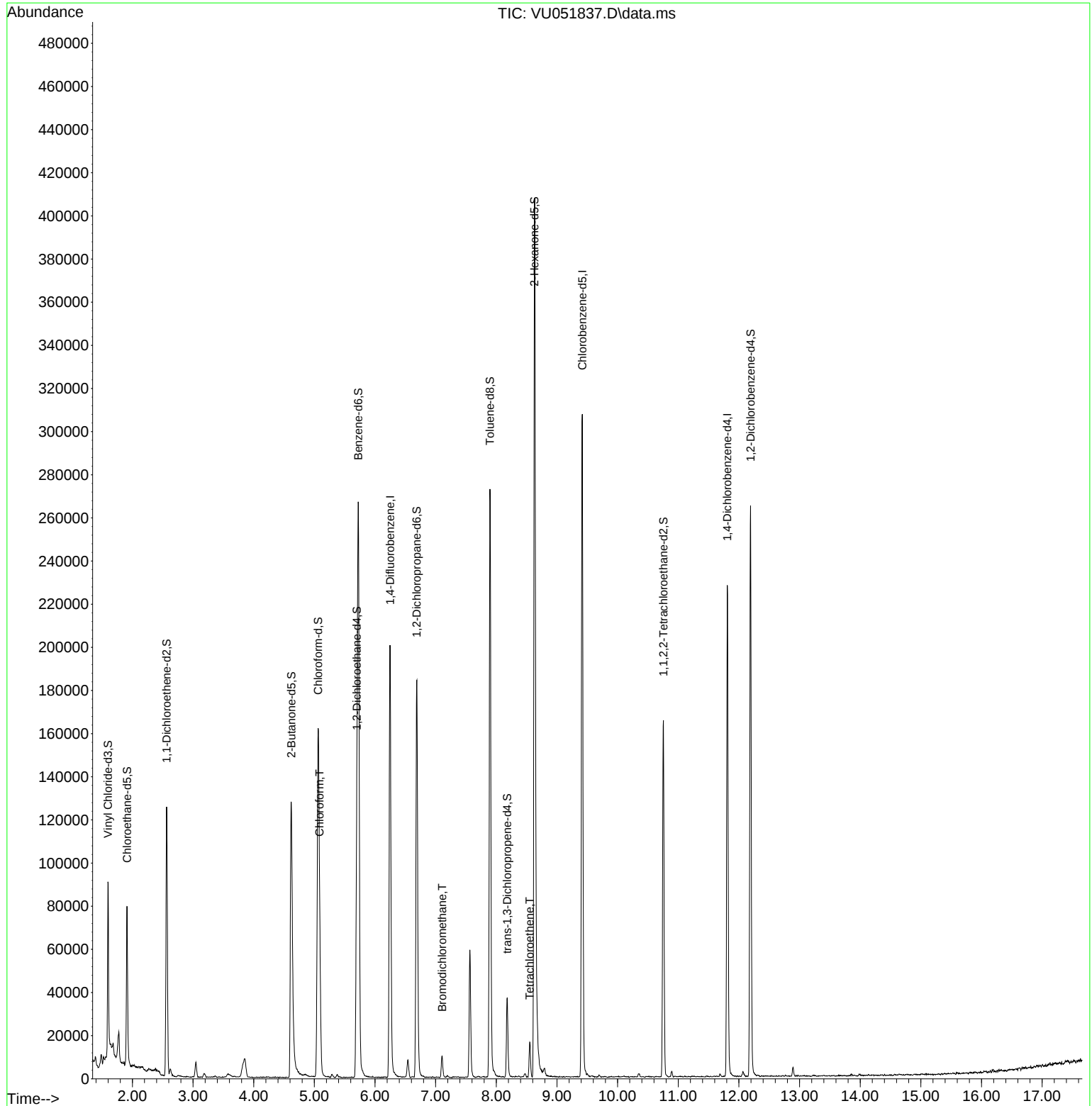
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| -----                         |        |                |          |        |           |          |
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 172661   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 178970   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152            | 64362    | 5.000  | ug/L      | 0.00     |
|                               |        |                |          |        |           |          |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 56513    | 4.346  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 87.000%   |          |
| 7) Chloroethane-d5            | 1.912  | 69             | 60164    | 4.436  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 88.800%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65             | 23031    | 4.880  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 97.600%   |          |
| 20) 2-Butanone-d5             | 4.620  | 46             | 190955   | 40.547 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 81.100%   |          |
| 24) Chloroform-d              | 5.060  | 84             | 143237   | 4.707  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.200%   |          |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65             | 74670    | 4.542  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.800%   |          |
| 32) Benzene-d6                | 5.726  | 84             | 261866   | 4.637  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 92.800%   |          |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67             | 93243    | 4.721  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.400%   |          |
| 41) Toluene-d8                | 7.896  | 98             | 195110   | 4.393  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 87.800%   |          |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79             | 21309    | 3.529  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 70.600%   |          |
| 46) 2-Hexanone-d5             | 8.629  | 63             | 129134   | 35.525 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 71.040%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84             | 85987    | 4.751  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 95.000%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152            | 73412    | 6.214  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 124.200%# |          |
|                               |        |                |          |        |           |          |
| Target Compounds              |        |                |          |        |           | Qvalue   |
| 25) Chloroform                | 5.086  | 83             | 47923    | 1.555  | ug/L      | 97       |
| 38) Bromodichloromethane      | 7.105  | 83             | 6484     | 0.292  | ug/L      | 95       |
| 47) Tetrachloroethene         | 8.549  | 164            | 3765     | 0.288  | ug/L      | 95       |
| -----                         |        |                |          |        |           |          |

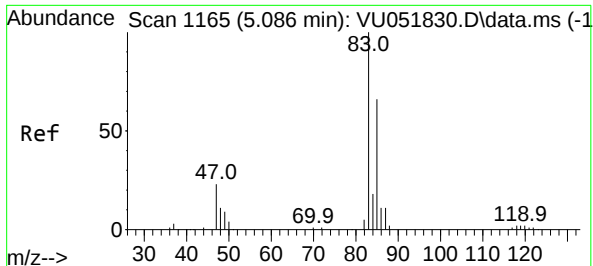
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 1.555 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

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Instrument :

MSVOA\_U

ClientSampleId :

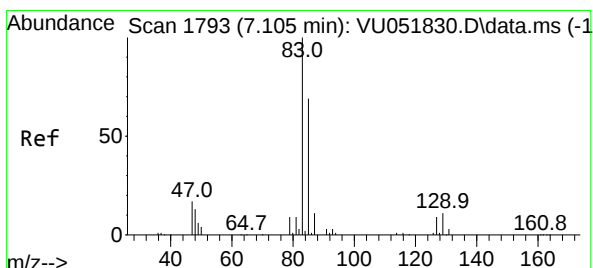
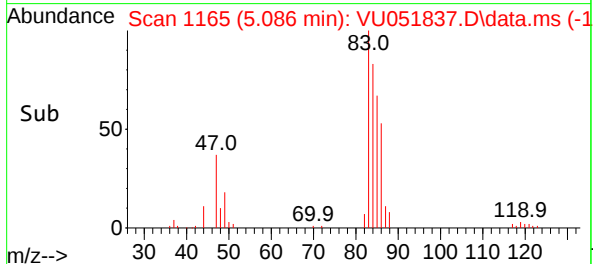
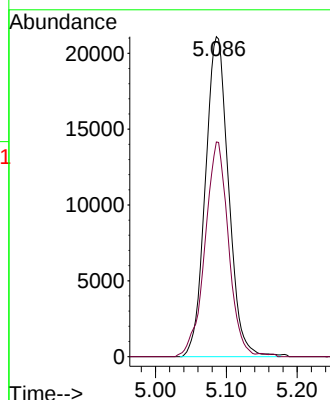
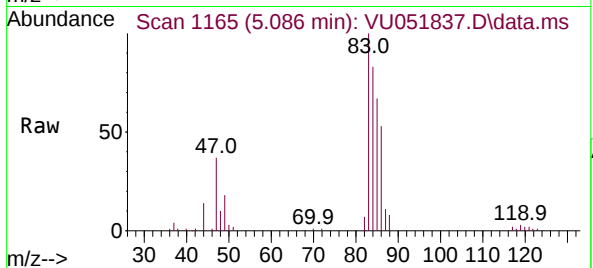
H0AD7

Tgt Ion: 83 Resp: 47923

Ion Ratio Lower Upper

83 100

85 67.1 45.2 84.0



#38

Bromodichloromethane

Concen: 0.292 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051837.D

Acq: 14 Nov 2022 16:18

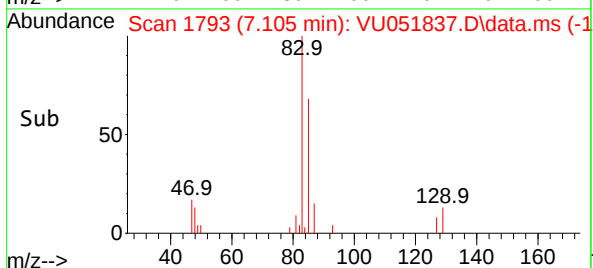
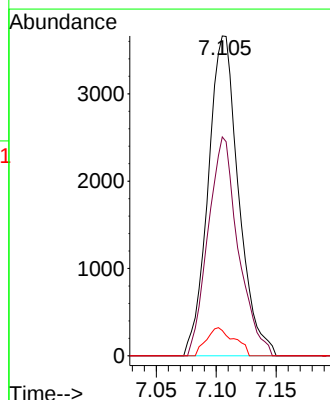
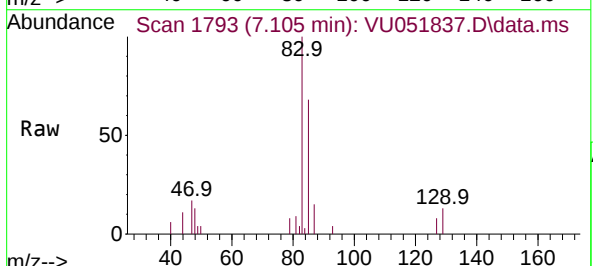
Tgt Ion: 83 Resp: 6484

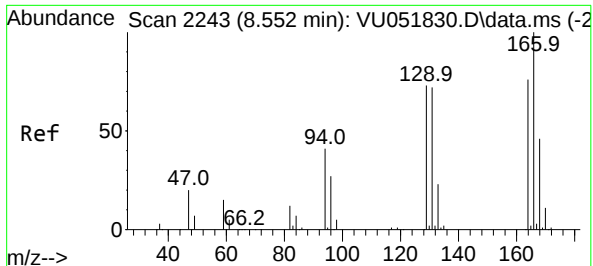
Ion Ratio Lower Upper

83 100

85 68.4 45.1 83.7

127 7.9 6.6 9.8





#47  
 Tetrachloroethene  
 Concen: 0.288 ug/L  
 RT: 8.549 min Scan# 21  
 Delta R.T. -0.003 min  
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Instrument :  
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Tgt Ion:164 Resp: 3765

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 88.8  | 64.0  | 118.8 |
| 131 | 98.7  | 60.7  | 112.7 |
| 166 | 122.0 | 86.8  | 161.2 |

