

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU082321\  
 Data File : VU044511.D  
 Acq On : 23 Aug 2021 19:31  
 Operator : SY/MD  
 Sample : M3517-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AB8

Quant Time: Aug 24 06:19:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR081821WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Aug 24 06:16:49 2021  
 Response via : Initial Calibration

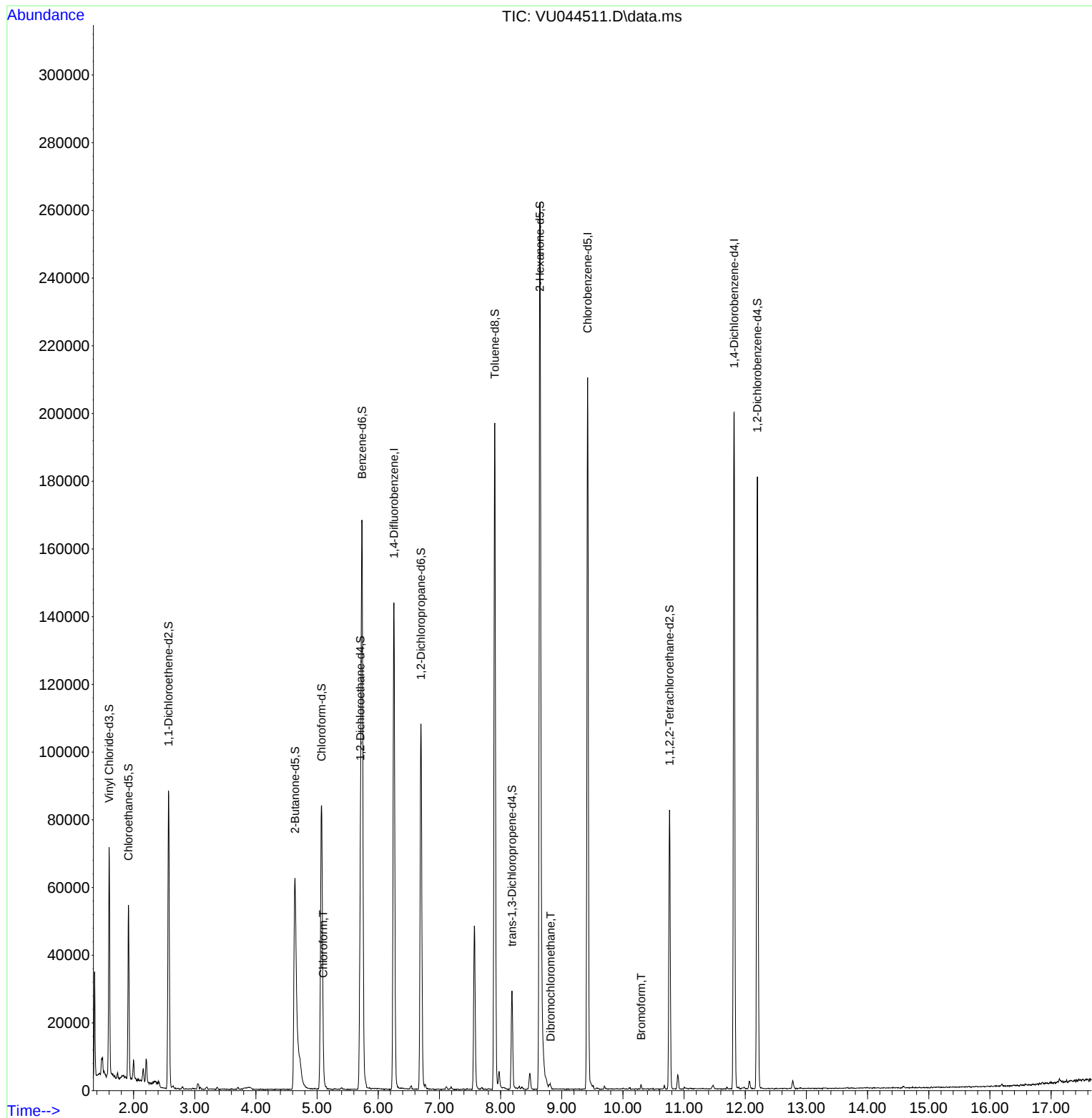
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 113211   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 113317   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 50526    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 36927    | 4.033    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.600%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 36268    | 4.558    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 91.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 16832    | 4.322    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 86.400%  |
| 20) 2-Butanone-d5             | 4.639  | 46    | 130727   | 51.625   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 103.240% |
| 24) Chloroform-d              | 5.073  | 84    | 76952    | 4.753    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 43892    | 4.971    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.400%  |
| 32) Benzene-d6                | 5.735  | 84    | 155423   | 4.871    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67    | 50341    | 4.931    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.600%  |
| 41) Toluene-d8                | 7.906  | 98    | 128749   | 4.550    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.000%  |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 16515    | 4.505    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.000%  |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 108914   | 54.938   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 109.880% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84    | 42308    | 4.921    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 98.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152   | 44935    | 5.264    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.200% |
| Target Compounds              |        |       |          |          |        |          |
| 25) Chloroform                | 5.099  | 83    | 4434     | 0.246    | ug/L   | 92       |
| 49) Dibromochloromethane      | 8.819  | 129   | 537      | 0.071    | ug/L   | 90       |
| 59) Bromoform                 | 10.298 | 173   | 610      | 0.171    | ug/L # | 98       |

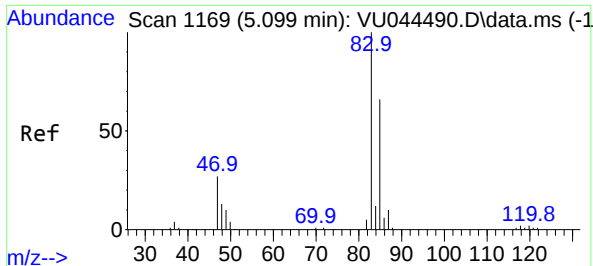
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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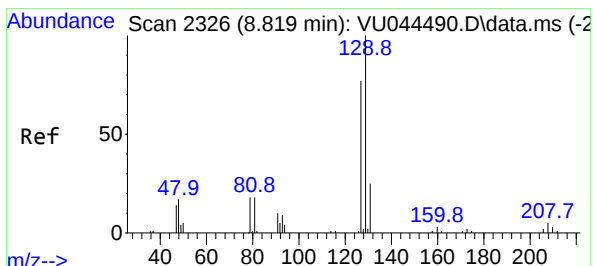
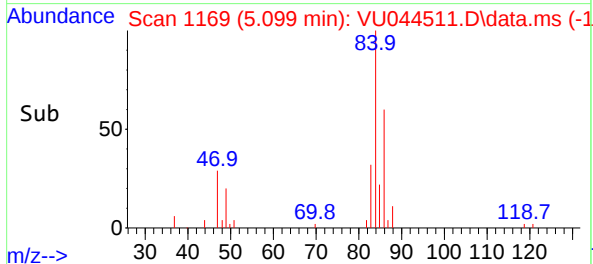
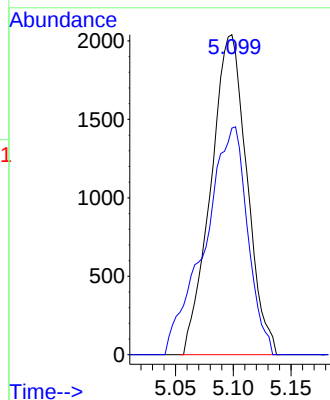
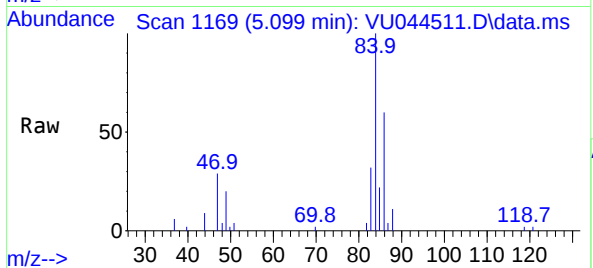


#25

Chloroform  
Concen: 0.246 ug/L  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VU044511.D  
Acq: 23 Aug 2021 19:31

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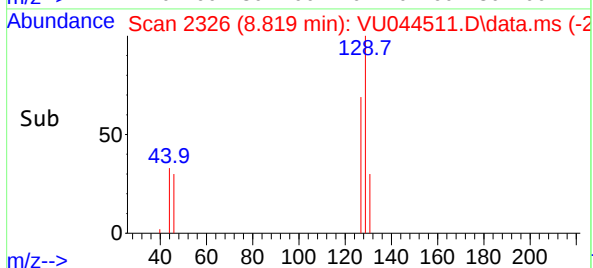
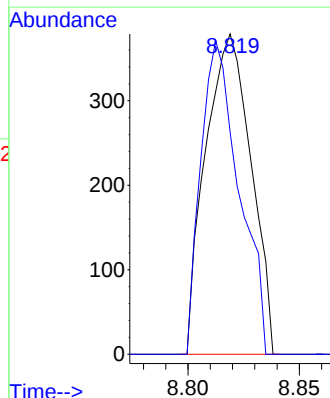
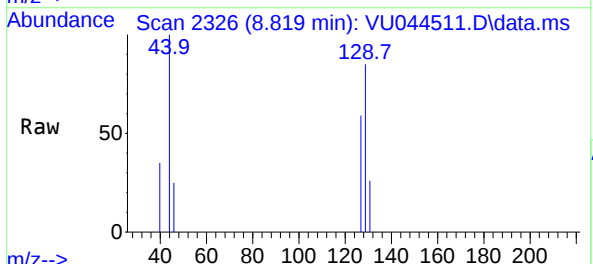
Tgt Ion: 83 Resp: 4434  
Ion Ratio Lower Upper  
83 100  
85 70.8 45.3 84.1

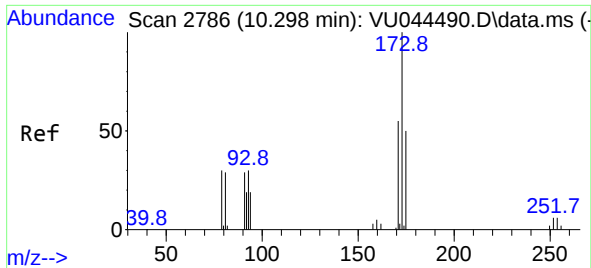


#49

Dibromochloromethane  
Concen: 0.071 ug/L  
RT: 8.819 min Scan# 2326  
Delta R.T. 0.000 min  
Lab File: VU044511.D  
Acq: 23 Aug 2021 19:31

Tgt Ion: 129 Resp: 537  
Ion Ratio Lower Upper  
129 100  
127 69.4 54.7 101.7





#59  
Bromoform  
Concen: 0.171 ug/L  
RT: 10.298 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VU044511.D  
Acq: 23 Aug 2021 19:31

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ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 610   |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 47.4  | 38.0  | 57.0  |
| 254      | 0.0   | 4.3   | 6.5#  |

