

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU043021\  
 Data File : VU043447.D  
 Acq On : 30 Apr 2021 00:29  
 Operator : SY/MD  
 Sample : M2197-15  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YARR8

Quant Time: Apr 30 08:35:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 30 08:34:29 2021  
 Response via : Initial Calibration

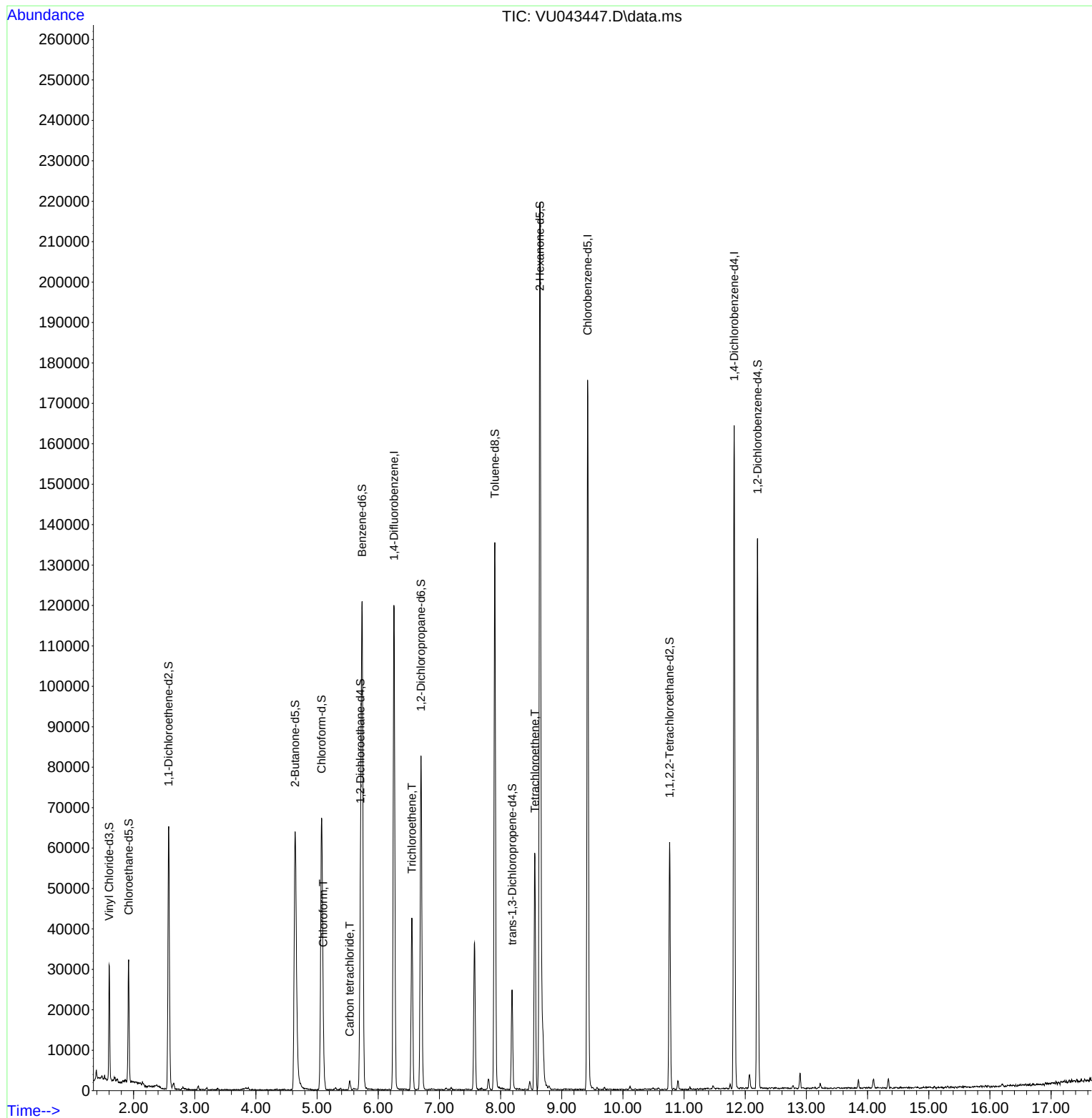
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 87154    | 5.00     | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 85559    | 5.00     | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 39137    | 5.00     | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 19794    | 4.47     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 89.40%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 19866    | 4.76     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 95.20%   |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65    | 12017    | 4.69     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 93.80%   |
| 20) 2-Butanone-d5             | 4.642  | 46    | 107847   | 55.48    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 110.96%  |
| 24) Chloroform-d              | 5.073  | 84    | 56236    | 4.99     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 99.80%   |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 35630    | 4.68     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 93.60%   |
| 32) Benzene-d6                | 5.735  | 84    | 98732    | 4.96     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 99.20%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 35696    | 5.40     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 108.00%  |
| 41) Toluene-d8                | 7.906  | 98    | 83624    | 4.04     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 80.80%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 12399    | 4.25     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 85.00%   |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 67840    | 46.62    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 93.24%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 28931    | 4.98     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 99.60%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 31836    | 4.75     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 95.00%   |
| Target Compounds              |        |       |          |          |       |          |
| 25) Chloroform                | 5.099  | 83    | 9168     | 0.76     | ug/L  | 98       |
| 31) Carbon tetrachloride      | 5.533  | 117   | 1241     | 0.14     | ug/L  | 93       |
| 34) Trichloroethene           | 6.549  | 95    | 14200    | 2.25     | ug/L  | 90       |
| 47) Tetrachloroethene         | 8.562  | 164   | 11563    | 2.31     | ug/L  | 96       |

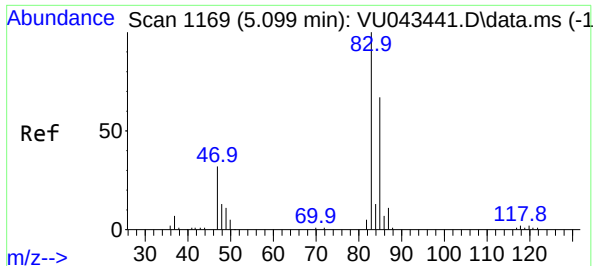
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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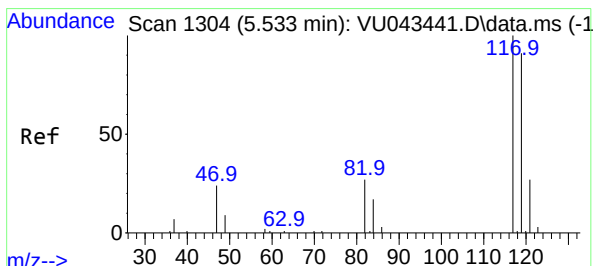
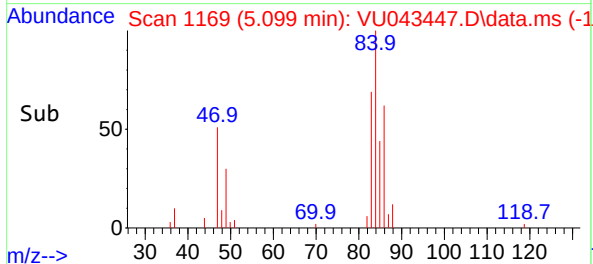
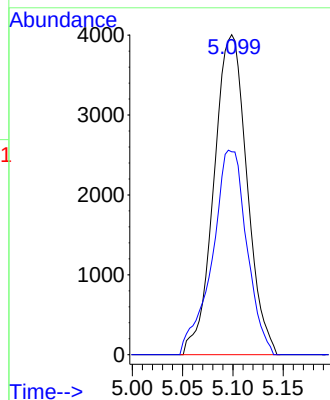
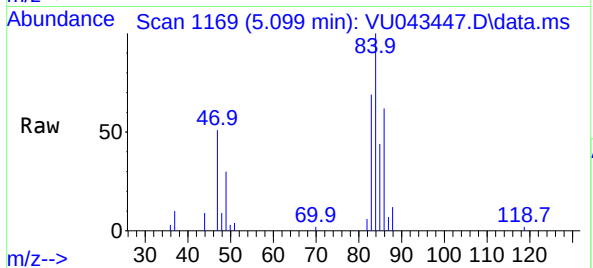


#25

Chloroform  
Concen: 0.76 ug/L  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VU043447.D  
Acq: 30 Apr 2021 00:29

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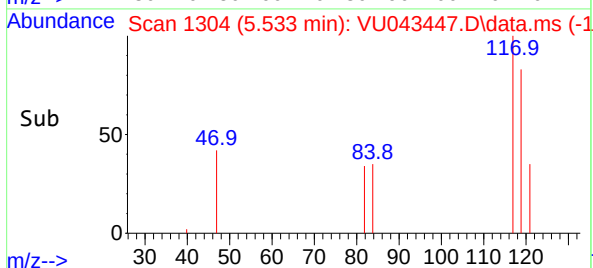
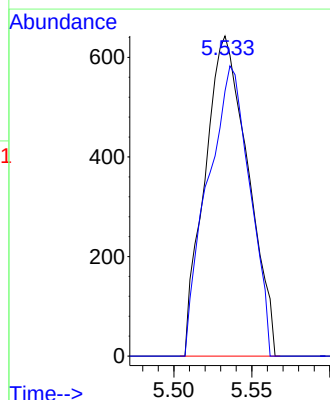
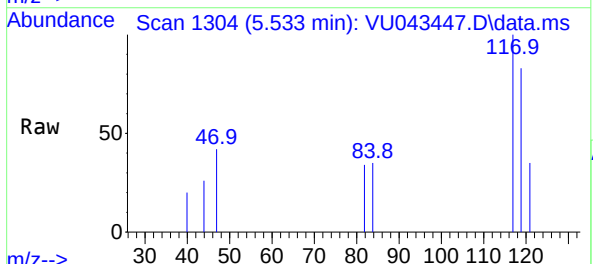
Tgt Ion: 83 Resp: 9168  
Ion Ratio Lower Upper  
83 100  
85 63.4 45.6 84.8

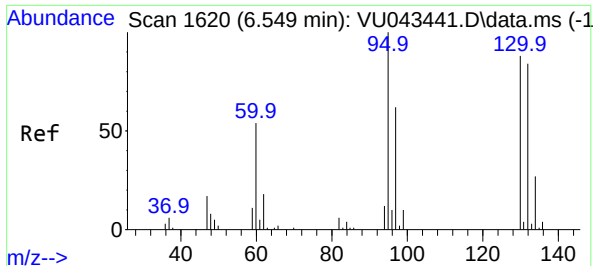


#31

Carbon tetrachloride  
Concen: 0.14 ug/L  
RT: 5.533 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: VU043447.D  
Acq: 30 Apr 2021 00:29

Tgt Ion: 117 Resp: 1241  
Ion Ratio Lower Upper  
117 100  
119 88.3 76.2 114.4





#34

Trichloroethene

Concen: 2.25 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU043447.D

Acq: 30 Apr 2021 00:29

Tgt Ion: 95 Resp: 14200

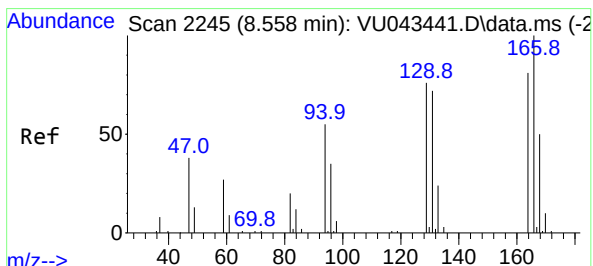
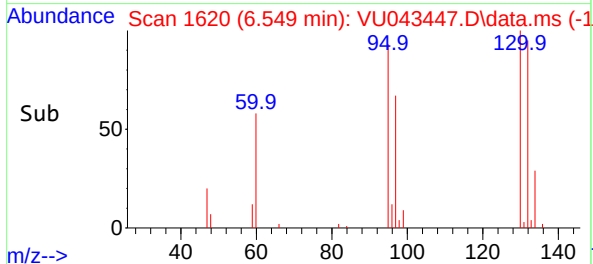
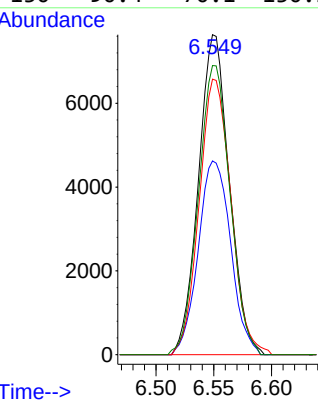
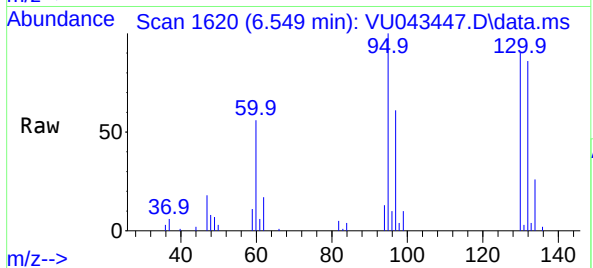
Ion Ratio Lower Upper

95 100

97 60.6 45.8 85.2

132 86.1 68.7 127.7

130 90.4 70.1 130.3



#47

Tetrachloroethene

Concen: 2.31 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.003 min

Lab File: VU043447.D

Acq: 30 Apr 2021 00:29

Tgt Ion: 164 Resp: 11563

Ion Ratio Lower Upper

164 100

129 100.7 66.6 123.8

131 97.8 65.9 122.3

166 129.6 93.7 173.9

