

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061422\  
 Data File : VU049141.D  
 Acq On : 15 Jun 2022 02:28  
 Operator : SY/MD  
 Sample : N3274-07 250X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B97

Quant Time: Jun 15 07:23:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 15 05:38:08 2022  
 Response via : Initial Calibration

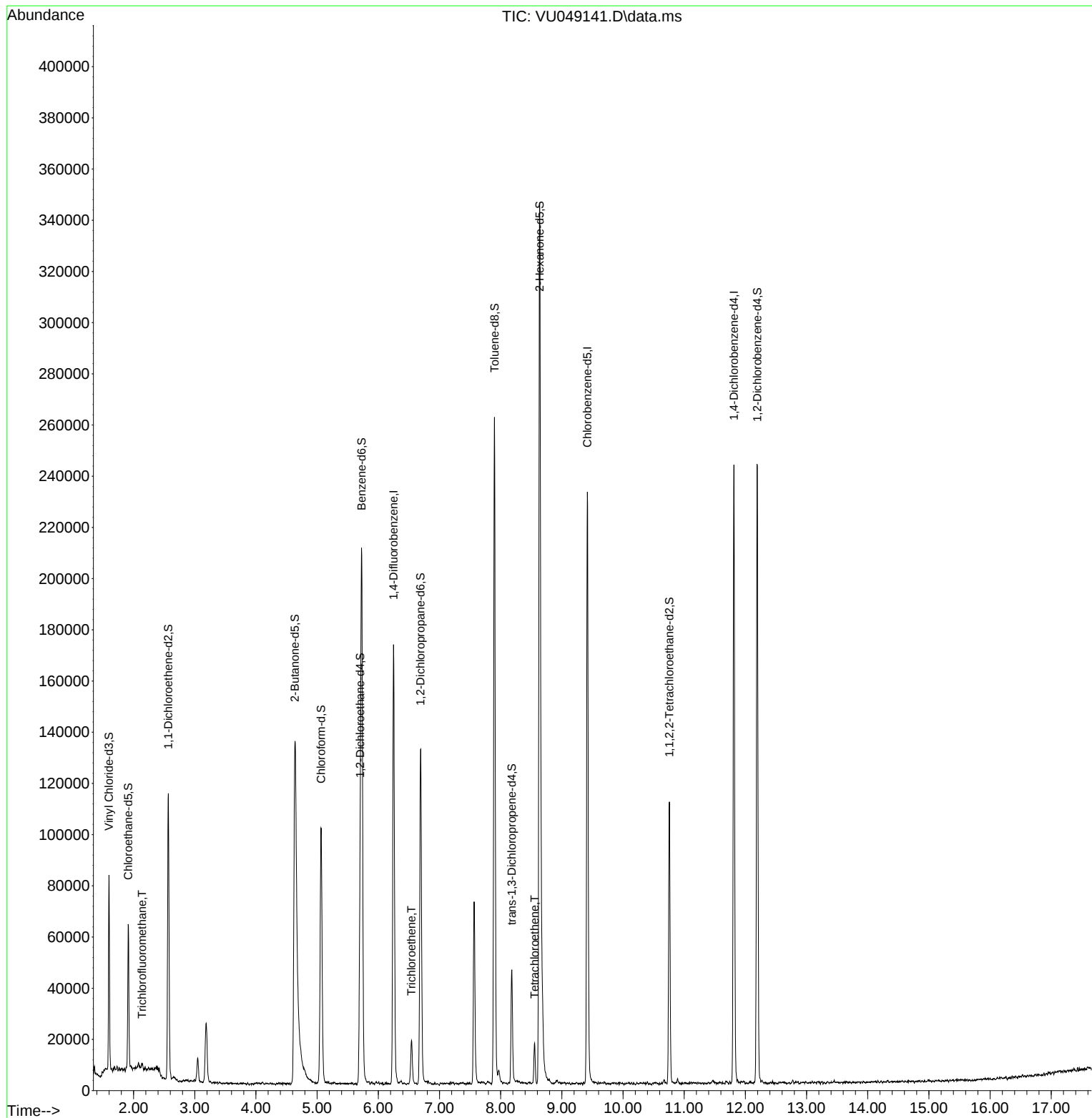
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 135693   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 124379   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152            | 61645    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 53515    | 4.513  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 90.200%  |          |
| 7) Chloroethane-d5            | 1.912  | 69             | 39377    | 4.906  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 98.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65             | 21615    | 4.532  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 90.600%  |          |
| 20) 2-Butanone-d5             | 4.636  | 46             | 192968   | 60.954 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 121.900% |          |
| 24) Chloroform-d              | 5.063  | 84             | 92578    | 4.977  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 99.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65             | 54118    | 5.303  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 106.000% |          |
| 32) Benzene-d6                | 5.729  | 84             | 190256   | 5.078  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 101.600% |          |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67             | 66606    | 5.237  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 104.800% |          |
| 41) Toluene-d8                | 7.899  | 98             | 170822   | 5.063  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 101.200% |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 26772    | 4.739  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 94.800%  |          |
| 46) 2-Hexanone-d5             | 8.636  | 63             | 123464   | 54.172 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 108.340% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 55840    | 5.484  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 109.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 61379    | 5.189  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 103.800% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 9) Trichlorofluoromethane     | 2.138  | 101            | 930      | 0.070  | ug/L     | # 64     |
| 34) Trichloroethene           | 6.543  | 95             | 5715     | 0.604  | ug/L     | 95       |
| 47) Tetrachloroethene         | 8.555  | 164            | 3209     | 0.492  | ug/L     | 92       |
| -----                         |        |                |          |        |          |          |

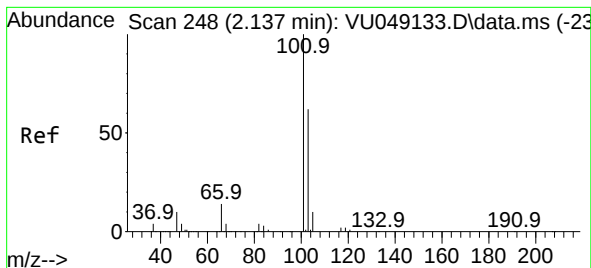
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.070 ug/L

RT: 2.138 min Scan# 24

Delta R.T. 0.000 min

Lab File: VU049141.D

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Instrument :

MSVOA\_U

ClientSampleId :

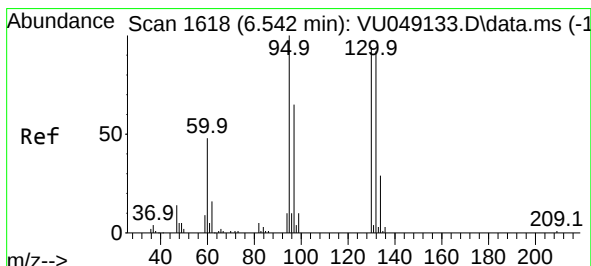
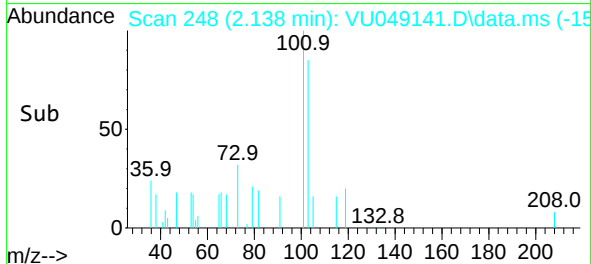
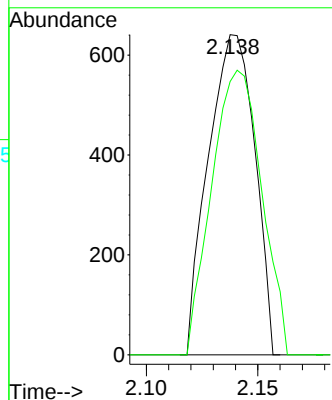
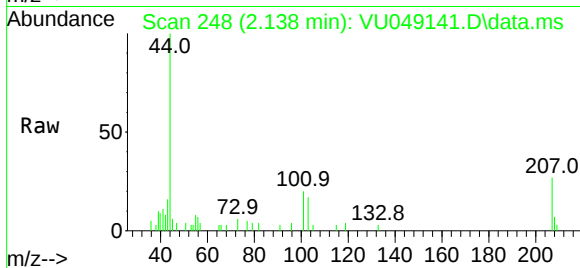
C0B97

Tgt Ion:101 Resp: 930

Ion Ratio Lower Upper

101 100

103 95.7 53.5 80.3#



#34

Trichloroethene

Concen: 0.604 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

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Acq: 15 Jun 2022 02:28

Tgt Ion: 95 Resp: 5715

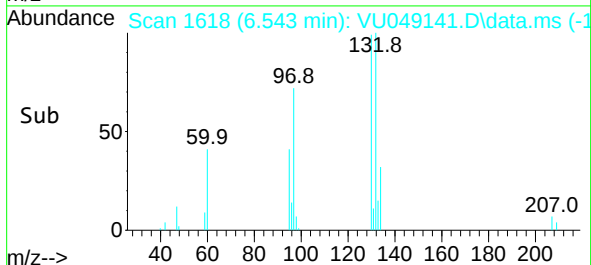
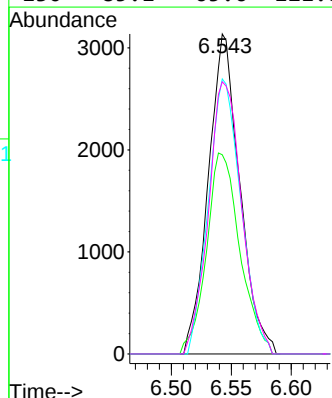
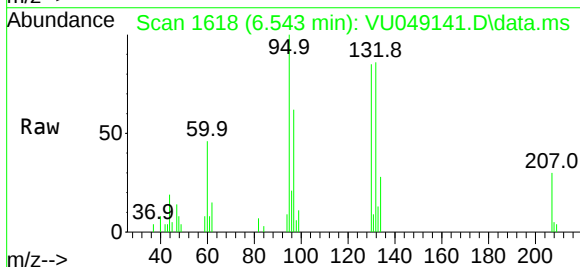
Ion Ratio Lower Upper

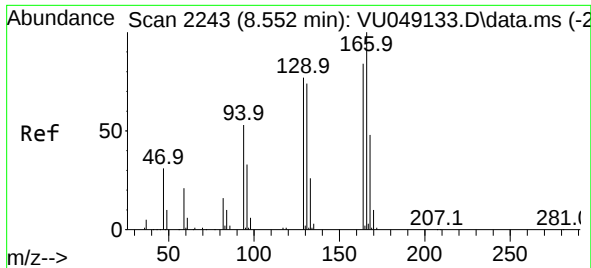
95 100

97 62.3 45.3 84.1

132 86.0 61.5 114.3

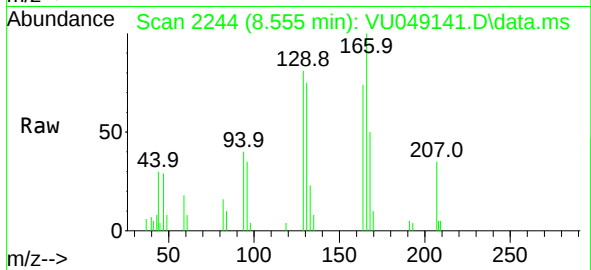
130 85.1 65.6 121.8





#47  
 Tetrachloroethene  
 Concen: 0.492 ug/L  
 RT: 8.555 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: VU049141.D  
 Acq: 15 Jun 2022 02:28

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B97



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 3209  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 109.0 | 69.8  | 129.6 |
| 131      | 101.0 | 67.8  | 125.8 |
| 166      | 135.0 | 87.3  | 162.1 |

