

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032921\  
 Data File : VU042814.D  
 Acq On : 29 Mar 2021 14:14  
 Operator : SY/MD  
 Sample : M1846-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YAR35

Quant Time: Mar 30 01:14:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Mar 30 01:12:10 2021  
 Response via : Initial Calibration

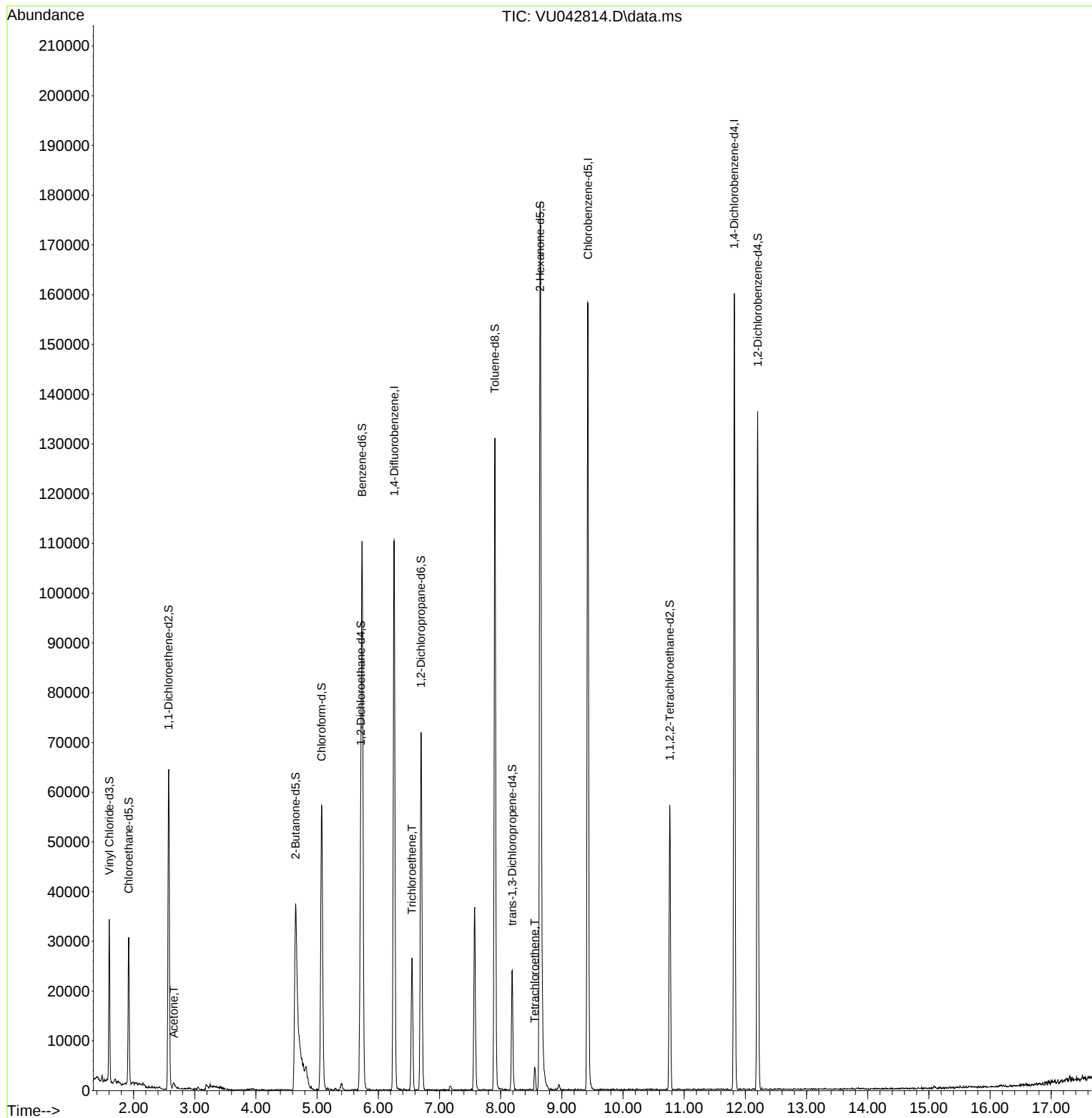
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.260  | 114   | 84557    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.427  | 117   | 82500    | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 39353    | 5.00     | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 22537    | 4.00     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.00%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 19570    | 4.58     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 91.60%   |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 63    | 39142    | 3.07     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 61.40%   |
| 20) 2-Butanone-d5             | 4.649  | 46    | 86270    | 46.61    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 93.22%   |
| 24) Chloroform-d              | 5.073  | 84    | 49880    | 4.47     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.40%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 31767    | 4.63     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.60%   |
| 32) Benzene-d6                | 5.736  | 84    | 90853    | 4.49     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.80%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 31415    | 4.81     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 96.20%   |
| 41) Toluene-d8                | 7.906  | 98    | 81066    | 4.10     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.00%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 12016    | 3.94     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.80%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 66952    | 45.87    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.74%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 26243    | 4.51     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.20%   |
| 64) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 34081    | 4.78     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.60%   |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.658  | 43    | 2404     | 1.69     | ug/L   | 70       |
| 34) Trichloroethene           | 6.549  | 95    | 8703     | 1.22     | ug/L   | 95       |
| 47) Tetrachloroethene         | 8.555  | 164   | 835      | 0.14     | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

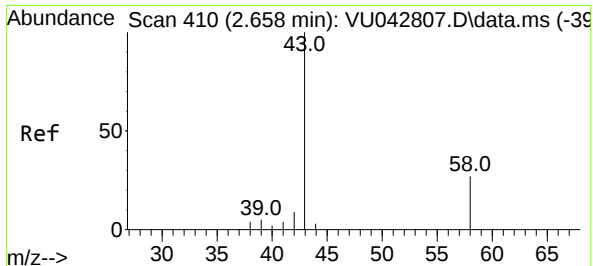
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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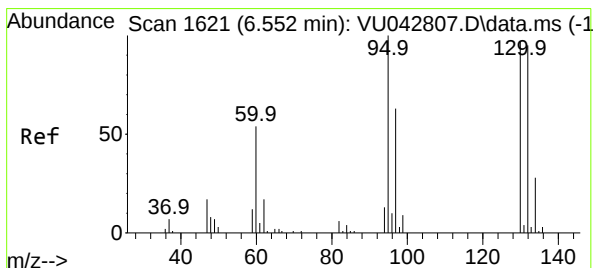
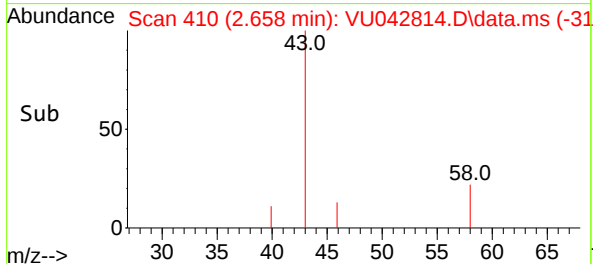
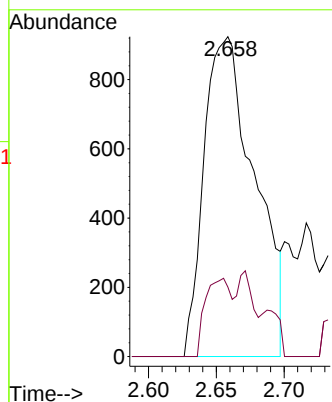
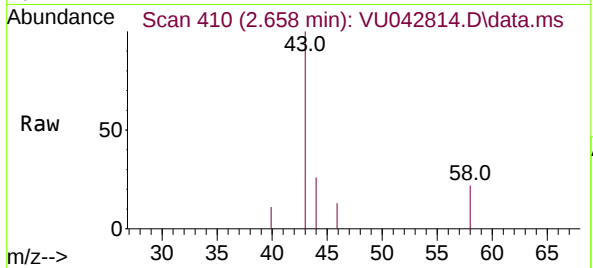




#13  
Acetone  
Concen: 1.69 ug/L  
RT: 2.658 min Scan# 410  
Delta R.T. 0.000 min  
Lab File: VU042814.D  
Acq: 29 Mar 2021 14:14

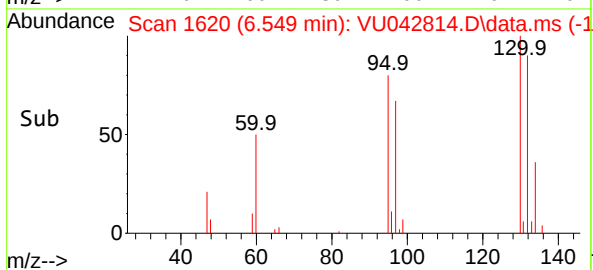
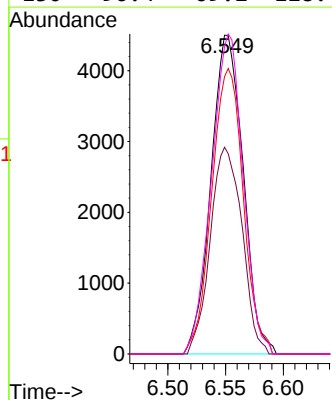
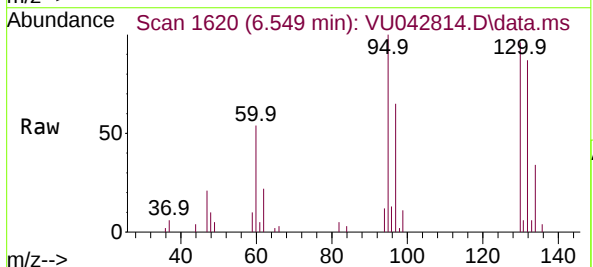
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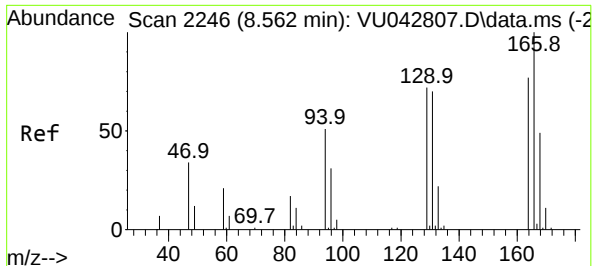
Tgt Ion: 43 Resp: 2404  
Ion Ratio Lower Upper  
43 100  
58 12.3 0.0 55.8



#34  
Trichloroethene  
Concen: 1.22 ug/L  
RT: 6.549 min Scan# 1620  
Delta R.T. -0.003 min  
Lab File: VU042814.D  
Acq: 29 Mar 2021 14:14

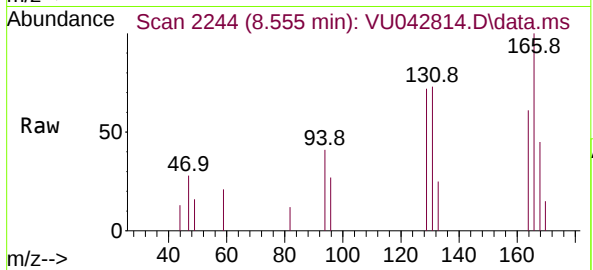
Tgt Ion: 95 Resp: 8703  
Ion Ratio Lower Upper  
95 100  
97 64.9 44.4 82.4  
132 87.0 68.0 126.4  
130 96.4 69.2 128.4





#47  
Tetrachloroethene  
Concen: 0.14 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. -0.006 min  
Lab File: VU042814.D  
Acq: 29 Mar 2021 14:14

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 835    |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 118.9 | 64.3  | 119.5  |
| 131      | 120.6 | 62.2  | 115.6# |
| 166      | 165.1 | 88.6  | 164.6# |

