

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030422\  
 Data File : VU047352.D  
 Acq On : 05 Mar 2022 00:11  
 Operator : SY/MD  
 Sample : N1810-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBDA3

Quant Time: Mar 05 01:28:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 04 23:20:39 2022  
 Response via : Initial Calibration

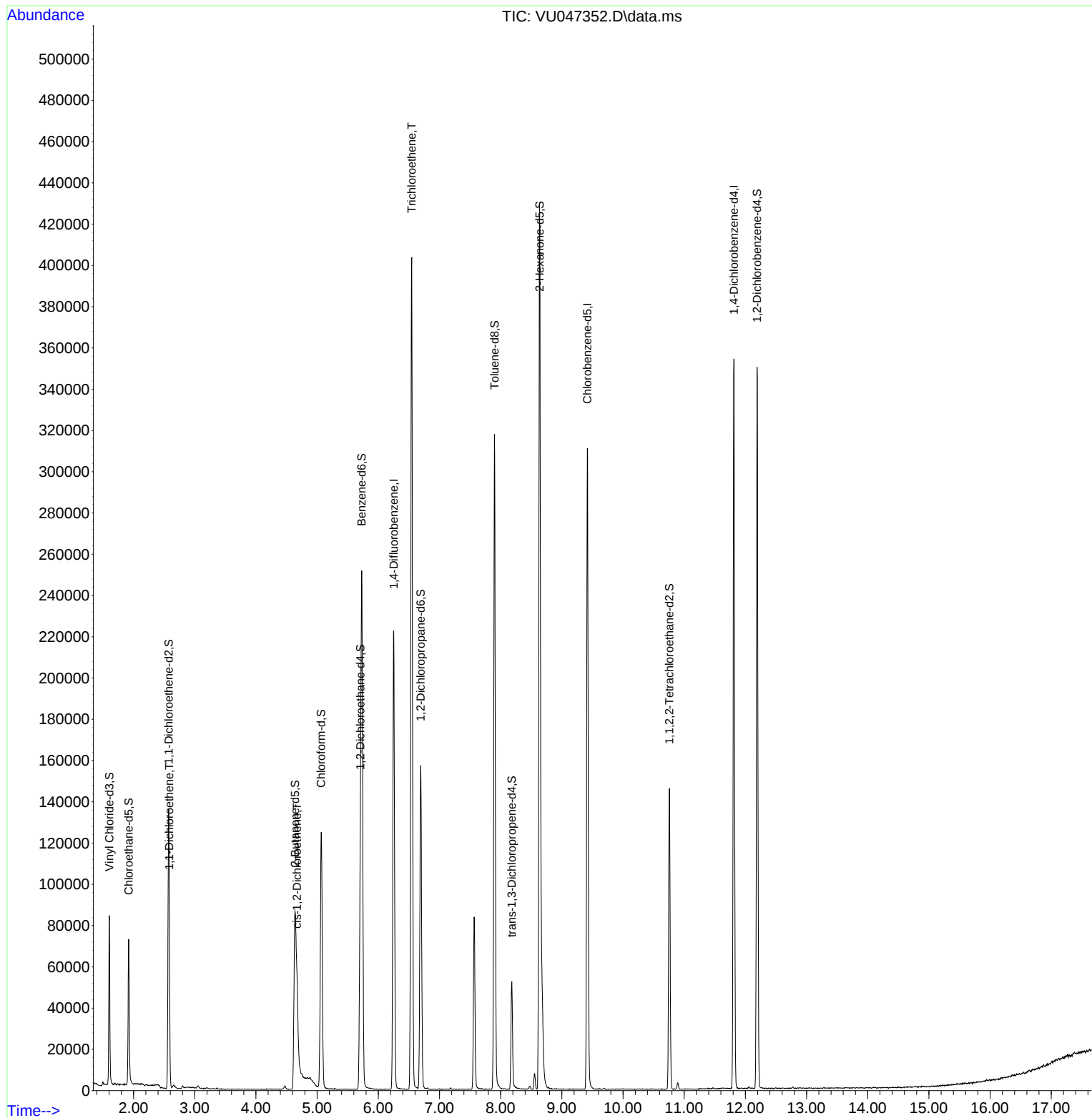
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 189825   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 183170   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 99164    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 57931    | 4.300    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 86.000%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 52554    | 4.676    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 24835    | 4.365    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 87.200%  |
| 20) 2-Butanone-d5             | 4.639  | 46    | 179340   | 40.547   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 81.100%  |
| 24) Chloroform-d              | 5.066  | 84    | 116086   | 4.663    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65    | 67730    | 4.848    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.000%  |
| 32) Benzene-d6                | 5.729  | 84    | 239385   | 4.640    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67    | 76578    | 4.766    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.400%  |
| 41) Toluene-d8                | 7.899  | 98    | 217845   | 4.472    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.400%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 31132    | 4.409    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.200%  |
| 46) 2-Hexanone-d5             | 8.635  | 63    | 187434   | 46.644   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 73895    | 4.514    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 96209    | 4.951    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.584  | 96    | 1675     | 0.180    | ug/L   | # 1      |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96    | 11247    | 1.022    | ug/L   | 96       |
| 34) Trichloroethene           | 6.546  | 95    | 136933   | 12.603   | ug/L   | 93       |
| -----                         |        |       |          |          |        |          |

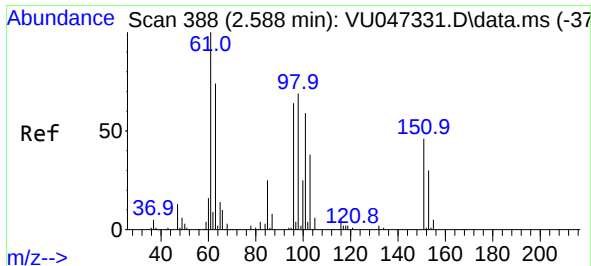
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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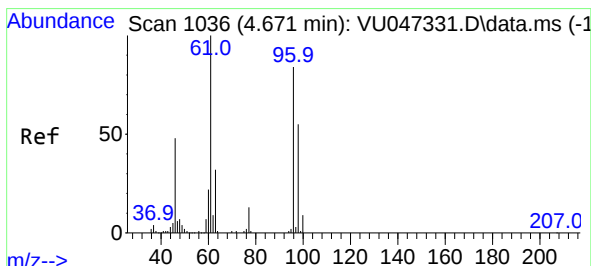
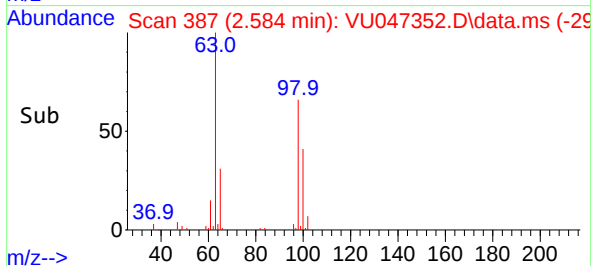
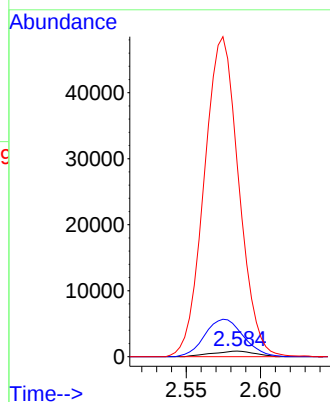
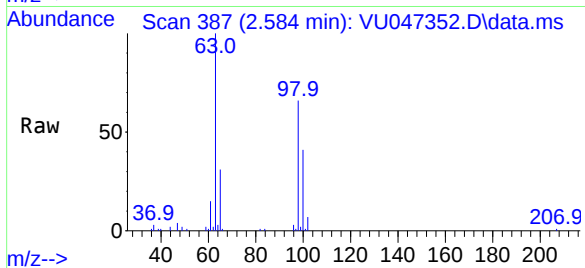




#12  
1,1-Dichloroethene  
Concen: 0.180 ug/L  
RT: 2.584 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU047352.D  
Acq: 05 Mar 2022 00:11

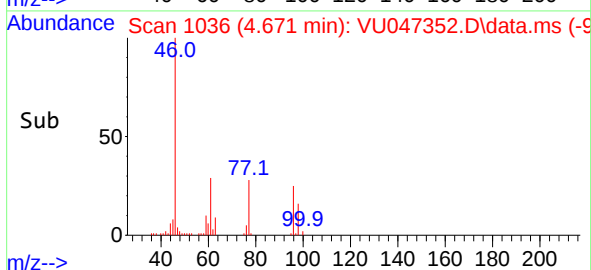
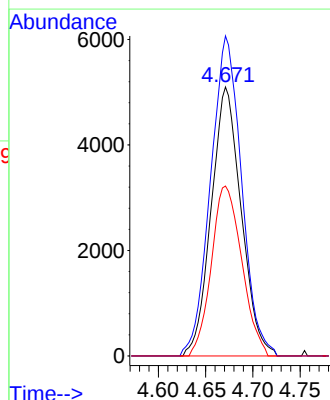
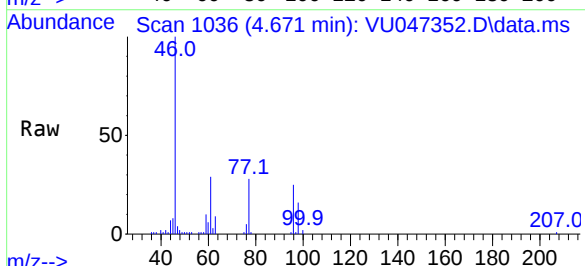
Instrument :  
MSVOA\_U  
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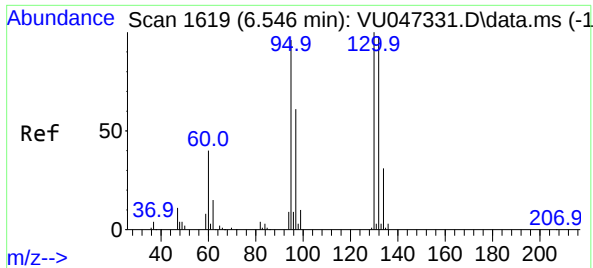
Tgt Ion: 96 Resp: 1675  
Ion Ratio Lower Upper  
96 100  
61 504.1 124.7 231.5#  
63 3441.2 105.2 195.4#



#22  
cis-1,2-Dichloroethene  
Concen: 1.022 ug/L  
RT: 4.671 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VU047352.D  
Acq: 05 Mar 2022 00:11

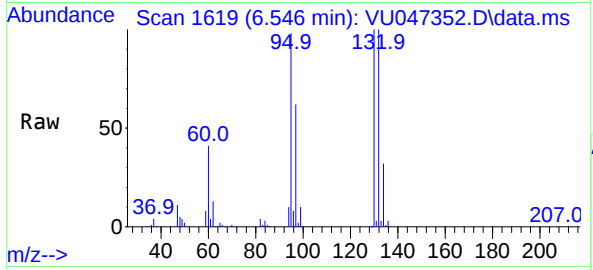
Tgt Ion: 96 Resp: 11247  
Ion Ratio Lower Upper  
96 100  
61 119.0 88.5 164.3  
98 63.2 44.4 82.5





#34  
 Trichloroethene  
 Concen: 12.603 ug/L  
 RT: 6.546 min Scan# 1  
 Delta R.T. -0.000 min  
 Lab File: VU047352.D  
 Acq: 05 Mar 2022 00:11

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 ClientSampleId :  
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Tgt Ion: 95 Resp: 136933

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 63.7  | 46.5  | 86.5  |
| 132 | 102.1 | 65.1  | 120.9 |
| 130 | 102.4 | 67.3  | 124.9 |

