

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120821\  
 Data File : VU046202.D  
 Acq On : 09 Dec 2021 01:34  
 Operator : SY/MD  
 Sample : M4982-06  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CR4

Quant Time: Dec 09 04:37:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 03 05:08:36 2021  
 Response via : Initial Calibration

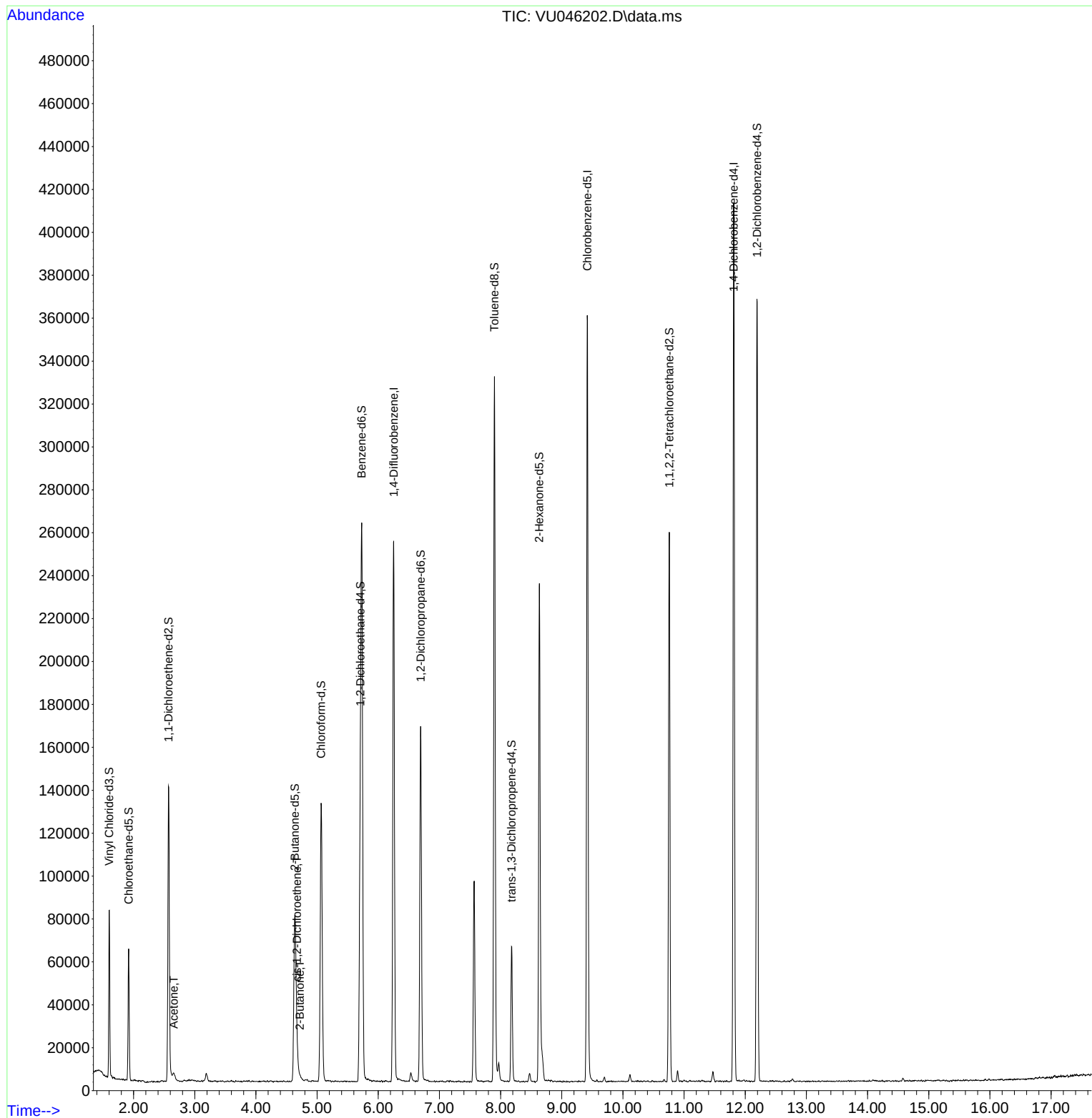
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253   | 114   | 215652   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 208849   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 110362   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65    | 55332    | 31.148   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 62.300%  |
| 7) Chloroethane-d5            | 1.919   | 69    | 45195    | 33.136   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 66.280%# |
| 11) 1,1-Dichloroethene-d2     | 2.572   | 63    | 81109    | 25.434   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 50.860%# |
| 21) 2-Butanone-d5             | 4.636   | 46    | 127937   | 90.596   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 90.600%  |
| 24) Chloroform-d              | 5.067   | 84    | 121334   | 40.901   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.706   | 65    | 81065    | 40.718   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.440%  |
| 32) Benzene-d6                | 5.729   | 84    | 249431   | 41.669   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.340%  |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 80447    | 43.364   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 86.720%  |
| 41) Toluene-d8                | 7.899   | 98    | 222673   | 40.856   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 81.720%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 37373    | 41.732   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 83.460%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 87602    | 99.593   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 99.590%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 125816   | 44.720   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 89.440%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 96784    | 45.537   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 91.080%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.655   | 43    | 6274     | 3.555    | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 4.671   | 96    | 1591     | 0.929    | ug/L   | 97       |
| 22) 2-Butanone                | 4.716   | 43    | 2424     | 1.262    | ug/L   | 89       |
| -----                         |         |       |          |          |        |          |

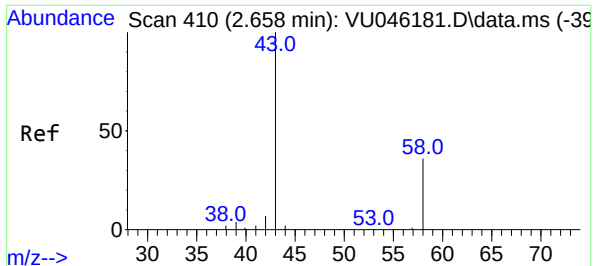
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.555 ug/L

RT: 2.655 min Scan# 40

Delta R.T. -0.006 min

Lab File: VU046202.D

Acq: 09 Dec 2021 01:34

Instrument :

MSVOA\_U

ClientSampleId :

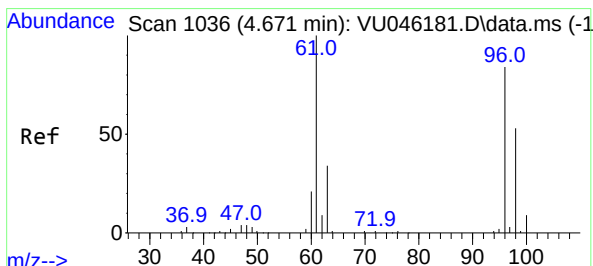
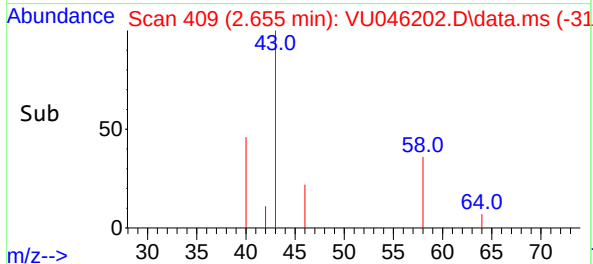
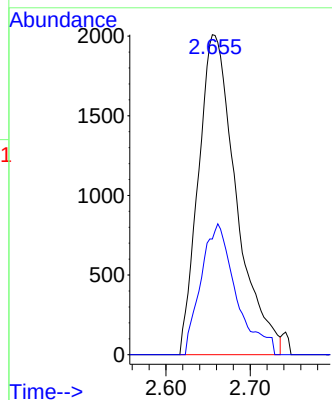
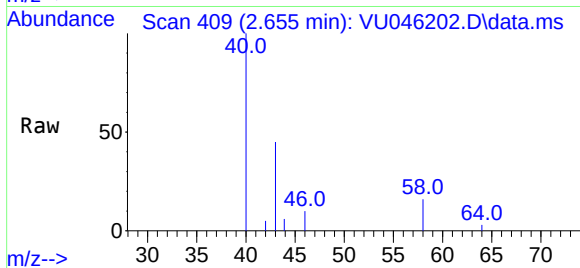
C0CR4

Tgt Ion: 43 Resp: 6274

Ion Ratio Lower Upper

43 100

58 35.2 0.0 66.8



#20

cis-1,2-Dichloroethene

Concen: 0.929 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046202.D

Acq: 09 Dec 2021 01:34

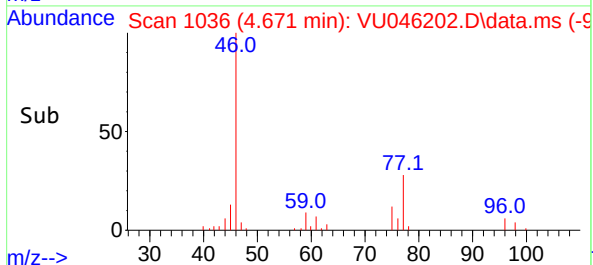
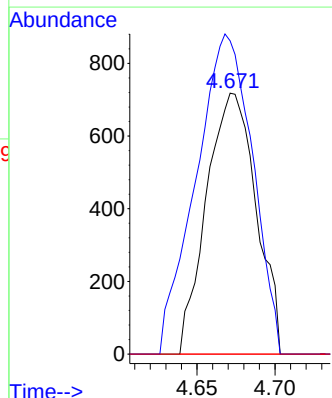
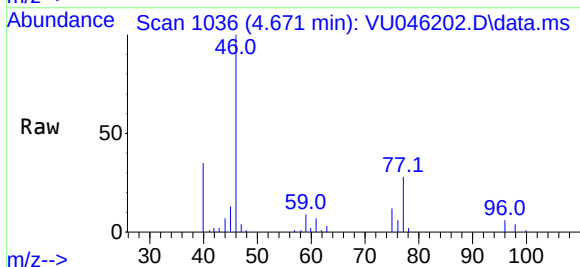
Tgt Ion: 96 Resp: 1591

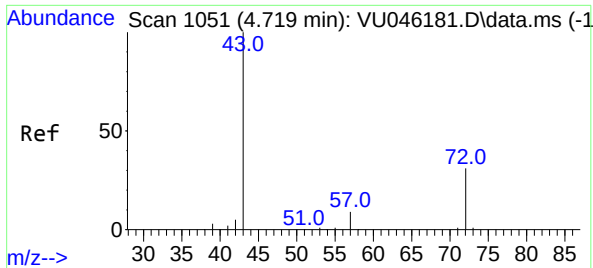
Ion Ratio Lower Upper

96 100

61 120.1 86.8 161.2

68 0.0 0.0 0.0





#22  
2-Butanone  
Concen: 1.262 ug/L  
RT: 4.716 min Scan# 10  
Delta R.T. -0.006 min  
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Instrument :  
MSVOA\_U  
ClientSampleId :  
C0CR4

Tgt Ion: 43 Resp: 2424  
Ion Ratio Lower Upper  
43 100  
72 23.2 14.5 43.6

