

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
 Data File : VU056415.D  
 Acq On : 16 Nov 2023 18:22  
 Operator : MD/SY  
 Sample : 05371-04DL 5X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCDN1DL

Quant Time: Nov 17 01:40:18 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 17 01:31:28 2023  
 Response via : Initial Calibration

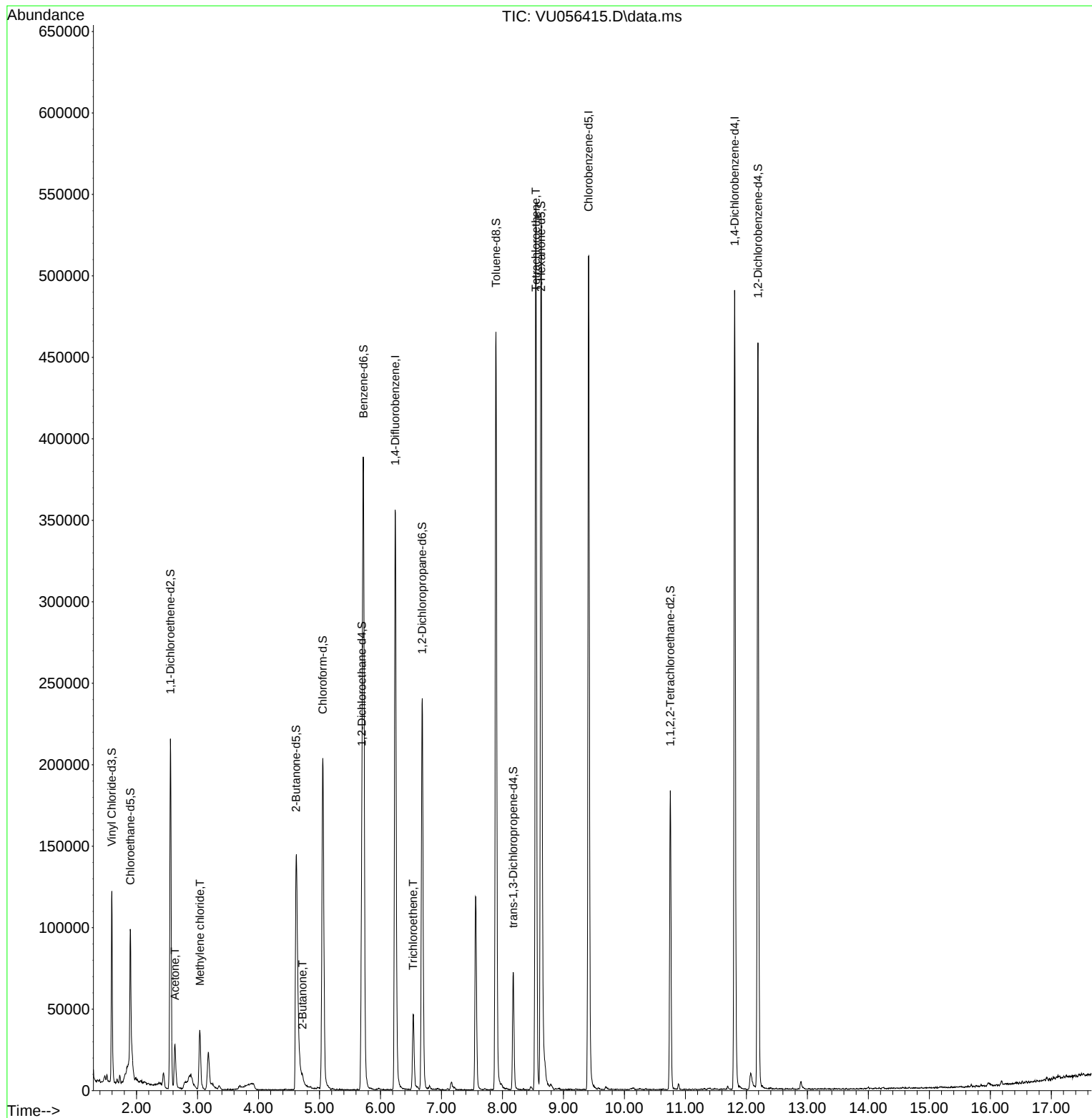
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 291135   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 288715   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 130057   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 88550    | 4.066    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 81.400%  |
| 7) Chloroethane-d5            | 1.898  | 69    | 59318    | 3.553    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 71.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65    | 41383    | 4.306    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 86.200%  |
| 20) 2-Butanone-d5             | 4.618  | 46    | 229298   | 52.808   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 105.620% |
| 24) Chloroform-d              | 5.055  | 84    | 192484   | 4.570    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 97990    | 5.035    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.600% |
| 32) Benzene-d6                | 5.721  | 84    | 379550   | 4.412    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 117251   | 4.523    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 90.400%  |
| 41) Toluene-d8                | 7.894  | 98    | 320220   | 4.216    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 44193    | 4.445    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.800%  |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 202025   | 51.703   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 103.400% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 91602    | 4.945    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 98.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 117099   | 4.874    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.631  | 43    | 34786    | 9.406    | ug/L   | 100      |
| 16) Methylene chloride        | 3.039  | 84    | 18092    | 0.767    | ug/L   | 98       |
| 21) 2-Butanone                | 4.721  | 43    | 10328    | 2.152    | ug/L   | 92       |
| 34) Trichloroethene           | 6.537  | 95    | 16535    | 0.737    | ug/L   | 95       |
| 47) Tetrachloroethene         | 8.550  | 164   | 115565   | 7.635    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

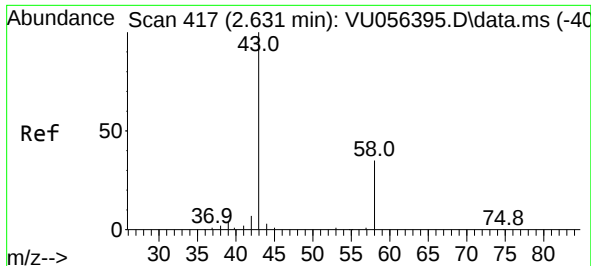
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.406 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.000 min

Lab File: VU056415.D

Acq: 16 Nov 2023 18:22

Instrument :

MSVOA\_U

ClientSampleId :

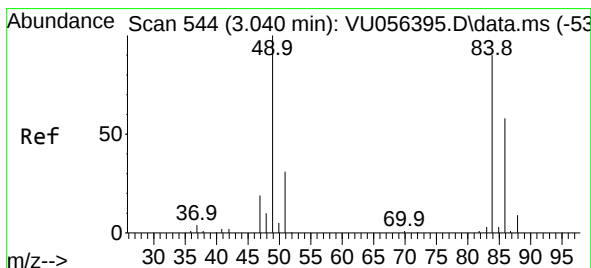
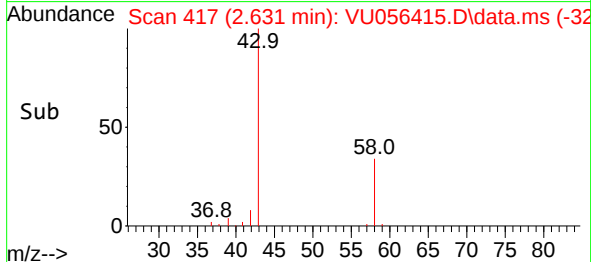
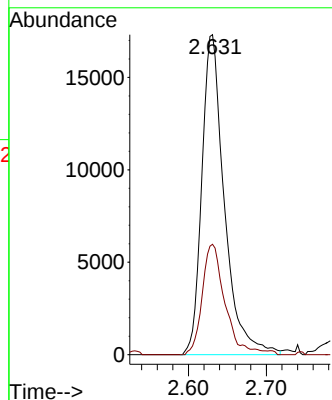
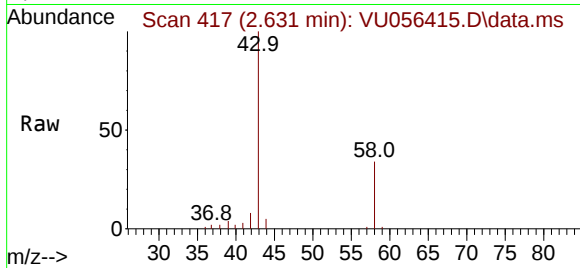
GCDN1DL

Tgt Ion: 43 Resp: 34786

Ion Ratio Lower Upper

43 100

58 35.1 0.0 70.0



#16

Methylene chloride

Concen: 0.767 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU056415.D

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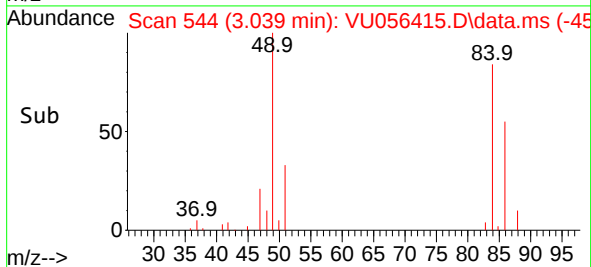
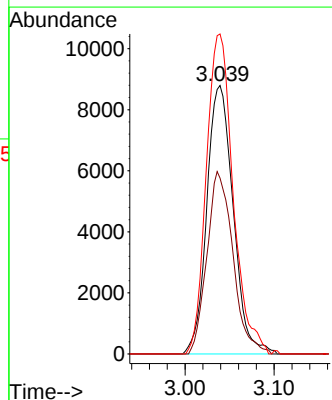
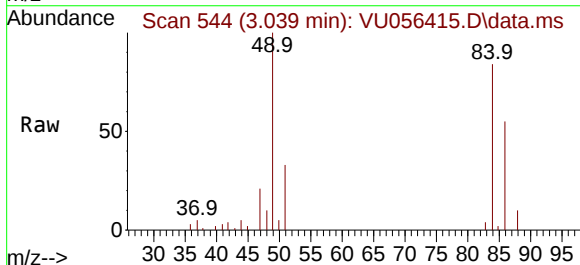
Tgt Ion: 84 Resp: 18092

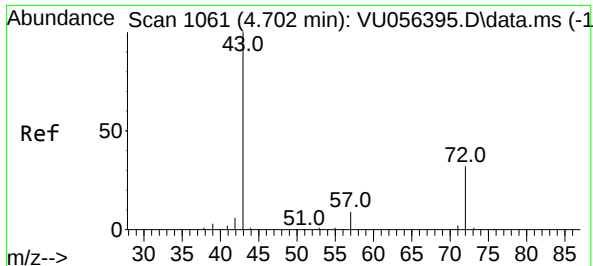
Ion Ratio Lower Upper

84 100

86 65.5 44.7 83.1

49 119.2 81.8 152.0





#21

2-Butanone

Concen: 2.152 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.019 min

Lab File: VU056415.D

Acq: 16 Nov 2023 18:22

Instrument :

MSVOA\_U

ClientSampleId :

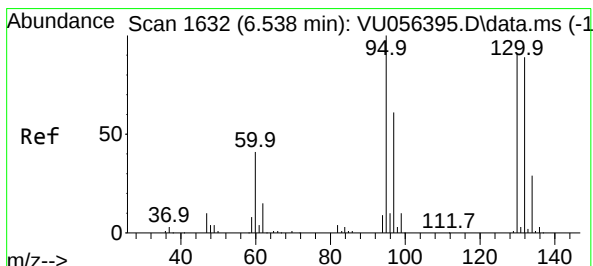
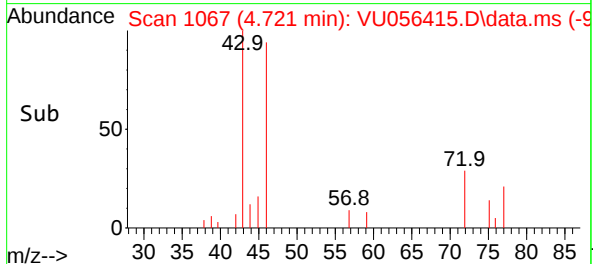
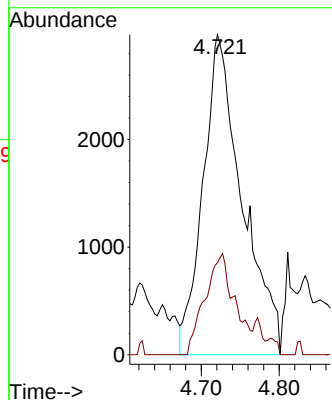
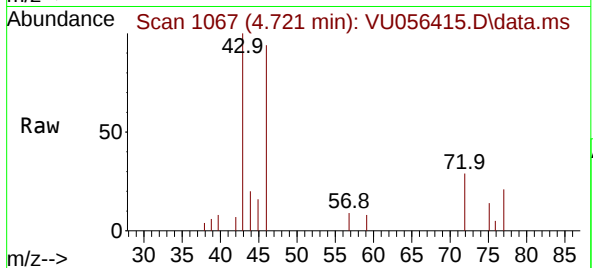
GCDN1DL

Tgt Ion: 43 Resp: 10328

Ion Ratio Lower Upper

43 100

72 24.4 14.2 42.6



#34

Trichloroethene

Concen: 0.737 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU056415.D

Acq: 16 Nov 2023 18:22

Tgt Ion: 95 Resp: 16535

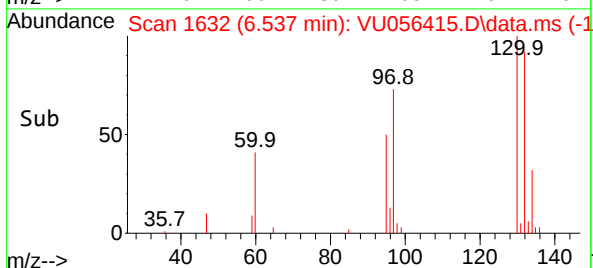
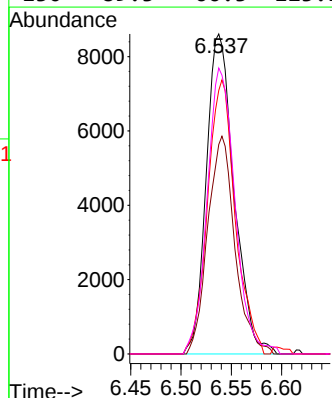
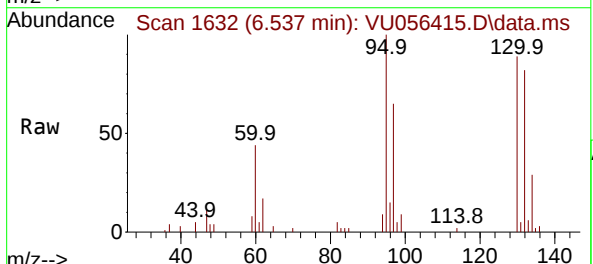
Ion Ratio Lower Upper

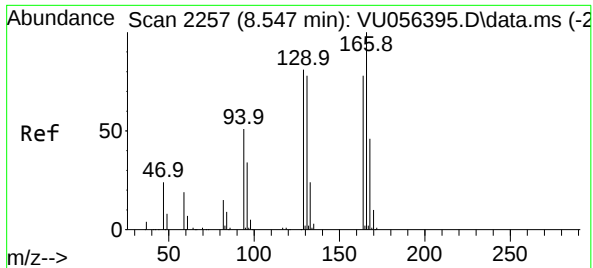
95 100

97 65.5 46.5 86.3

132 82.4 62.0 115.2

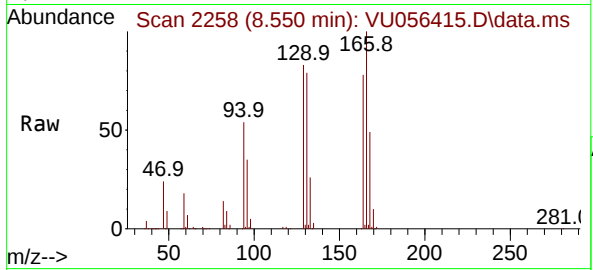
130 89.3 66.3 123.1





#47  
 Tetrachloroethene  
 Concen: 7.635 ug/L  
 RT: 8.550 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: VU056415.D  
 Acq: 16 Nov 2023 18:22

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCDN1DL



Tgt Ion:164 Resp: 115565

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 105.9 | 71.0  | 131.9 |
| 131 | 101.0 | 70.3  | 130.7 |
| 166 | 127.8 | 89.8  | 166.8 |

