

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU021023\  
 Data File : VU053035.D  
 Acq On : 10 Feb 2023 14:03  
 Operator : JC/MD  
 Sample : VU0210WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK176

Quant Time: Feb 10 23:31:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR021023WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Feb 10 23:20:41 2023  
 Response via : Initial Calibration

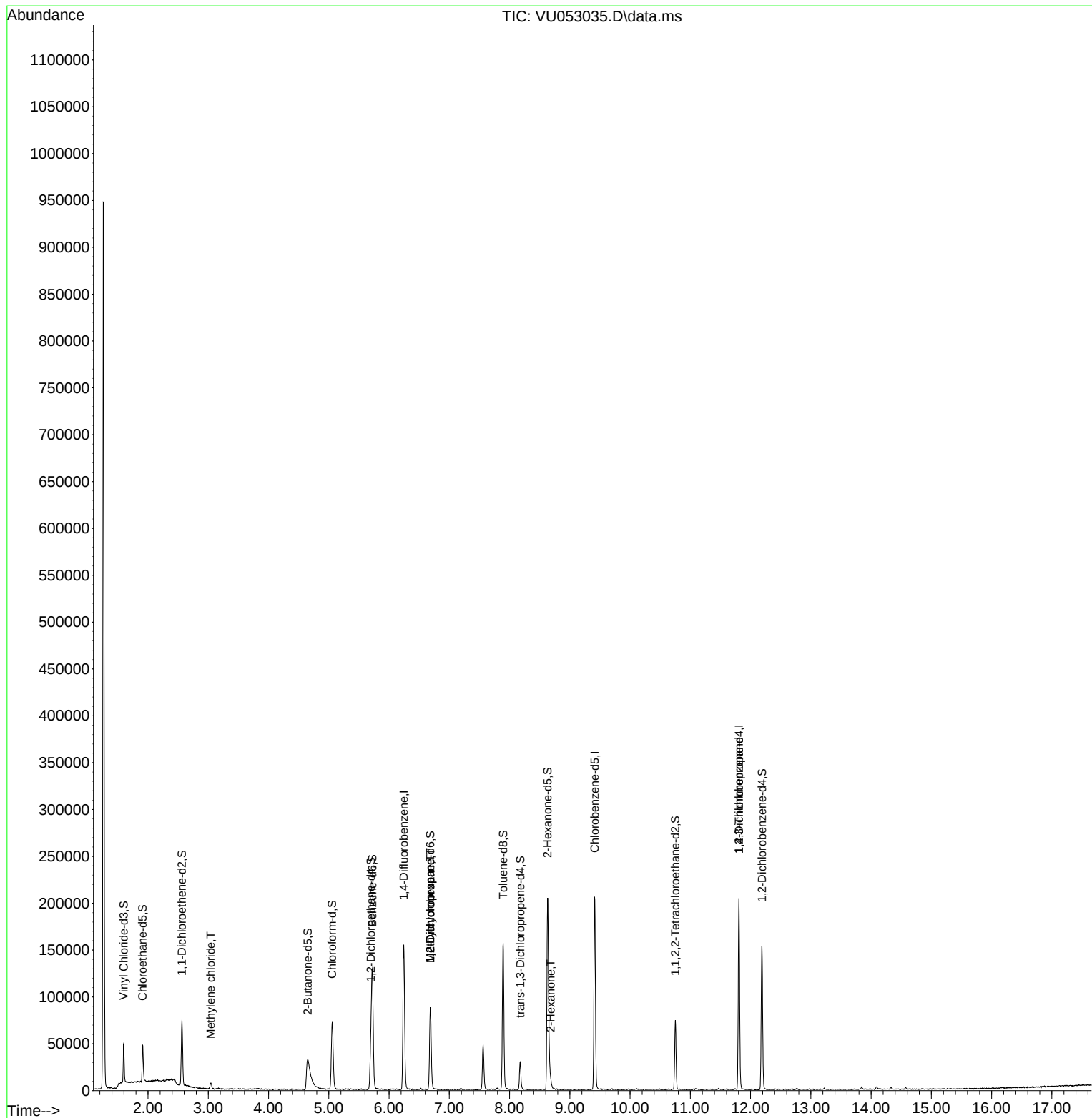
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.244  | 114   | 126970   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.411  | 117   | 111595   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 49840    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 29775    | 4.895    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 98.000%  |
| 7) Chloroethane-d5            | 1.910  | 69    | 28421    | 4.971    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 99.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 12675    | 4.543    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 90.800%  |
| 20) 2-Butanone-d5             | 4.649  | 46    | 92273    | 49.532   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 99.060%  |
| 24) Chloroform-d              | 5.055  | 84    | 66453    | 4.747    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 34529    | 4.896    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.000%  |
| 32) Benzene-d6                | 5.723  | 84    | 124609   | 4.969    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 44579    | 5.104    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 102.000% |
| 41) Toluene-d8                | 7.894  | 98    | 107792   | 4.758    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.200%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 17390    | 4.918    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 98.400%  |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 80406    | 51.221   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 102.440% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.752 | 84    | 37206    | 4.960    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 38700    | 5.198    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 104.000% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 3.042  | 84    | 3551     | 0.409    | ug/L   | 83       |
| 35) Methylcyclohexane         | 6.685  | 83    | 10427    | 0.712    | ug/L # | 23       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 4542     | 0.519    | ug/L # | 90       |
| 48) 2-Hexanone                | 8.681  | 43    | 4176     | 1.245    | ug/L # | 93       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 7304     | 1.526    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

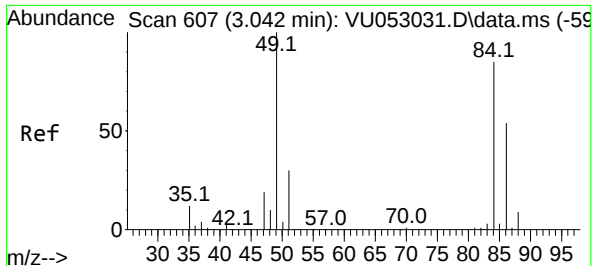
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 10 23:20:41 2023  
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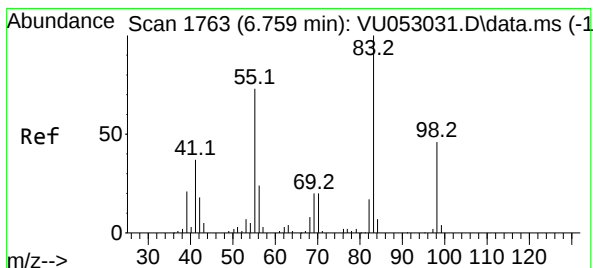
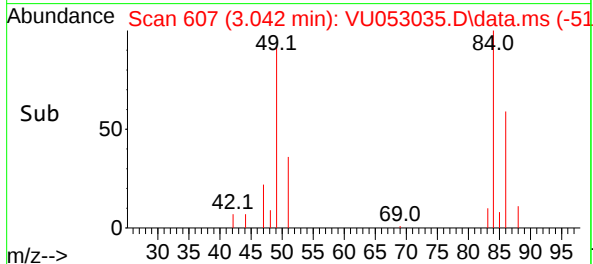
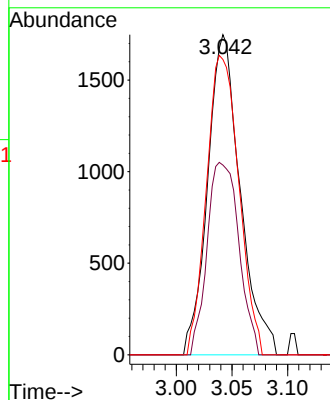
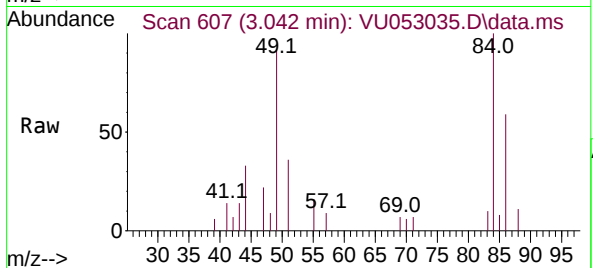




#16  
Methylene chloride  
Concen: 0.409 ug/L  
RT: 3.042 min Scan# 607  
Delta R.T. -0.000 min  
Lab File: VU053035.D  
Acq: 10 Feb 2023 14:03

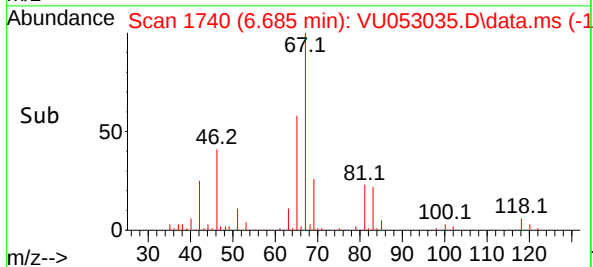
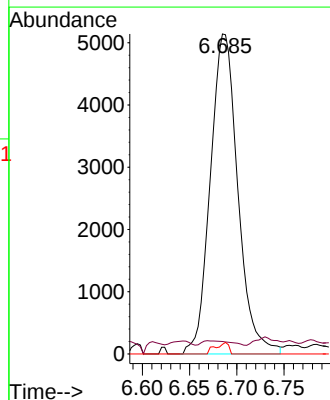
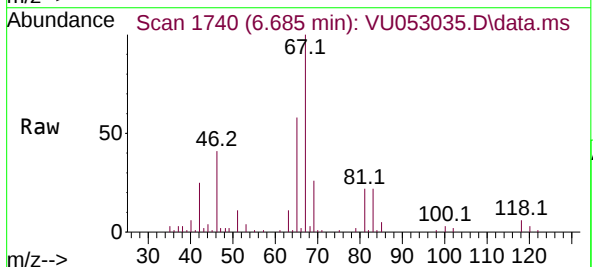
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK176

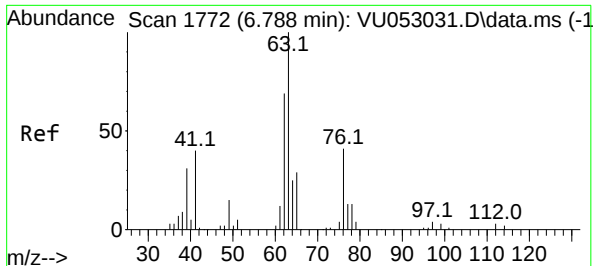
Tgt Ion: 84 Resp: 3551  
Ion Ratio Lower Upper  
84 100  
86 59.3 44.9 83.3  
49 92.3 82.6 153.4



#35  
Methylcyclohexane  
Concen: 0.712 ug/L  
RT: 6.685 min Scan# 1740  
Delta R.T. -0.074 min  
Lab File: VU053035.D  
Acq: 10 Feb 2023 14:03

Tgt Ion: 83 Resp: 10427  
Ion Ratio Lower Upper  
83 100  
55 2.1 57.9 86.9#  
98 1.7 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.519 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU053035.D

Acq: 10 Feb 2023 14:03

Instrument :

MSVOA\_U

ClientSampleId :

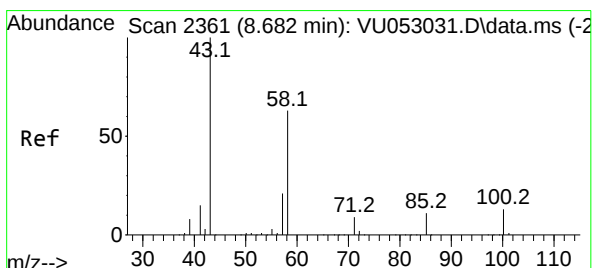
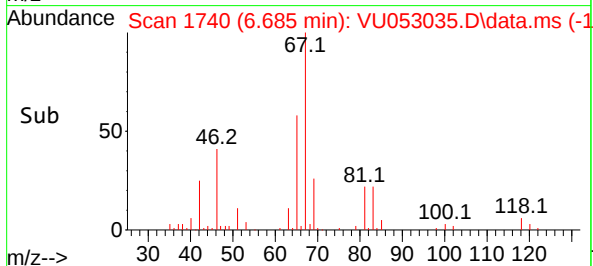
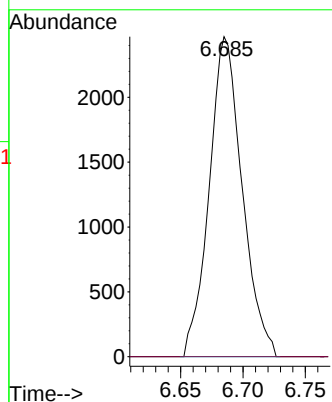
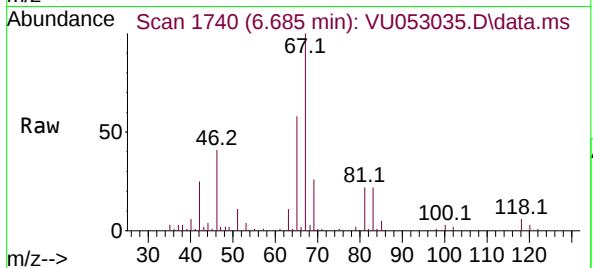
VBLK176

Tgt Ion: 63 Resp: 4542

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#48

2-Hexanone

Concen: 1.245 ug/L

RT: 8.681 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU053035.D

Acq: 10 Feb 2023 14:03

Tgt Ion: 43 Resp: 4176

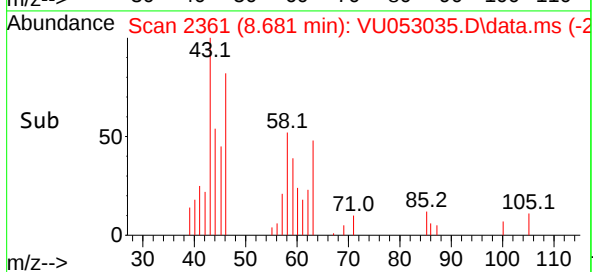
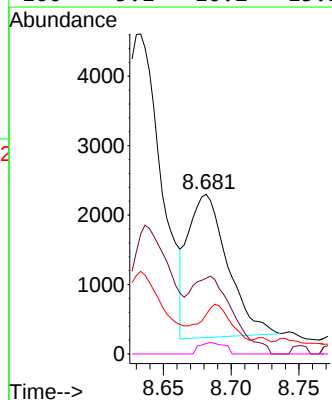
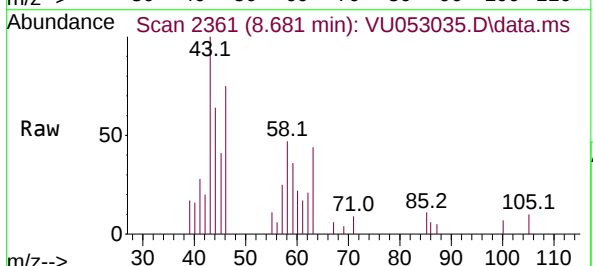
Ion Ratio Lower Upper

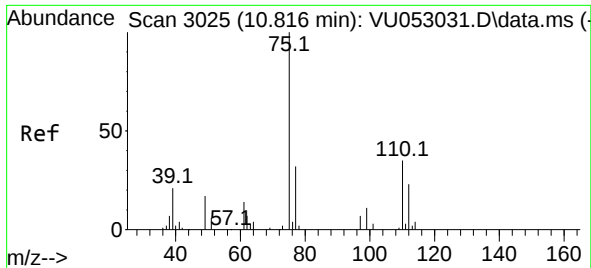
43 100

58 57.4 50.3 75.5

57 21.3 17.4 26.0

100 5.1 10.2 15.2#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.526 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU053035.D  
 Acq: 10 Feb 2023 14:03

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK176

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 7304       |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 110         | 0.9   | 28.6 42.8# |
| 77          | 33.2  | 27.6 41.4  |

