

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012123\  
 Data File : VU052763.D  
 Acq On : 20 Jan 2023 16:18  
 Operator : JC/MD  
 Sample : VU0121WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK172

Quant Time: Jan 21 01:56:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011023WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jan 21 01:44:26 2023  
 Response via : Initial Calibration

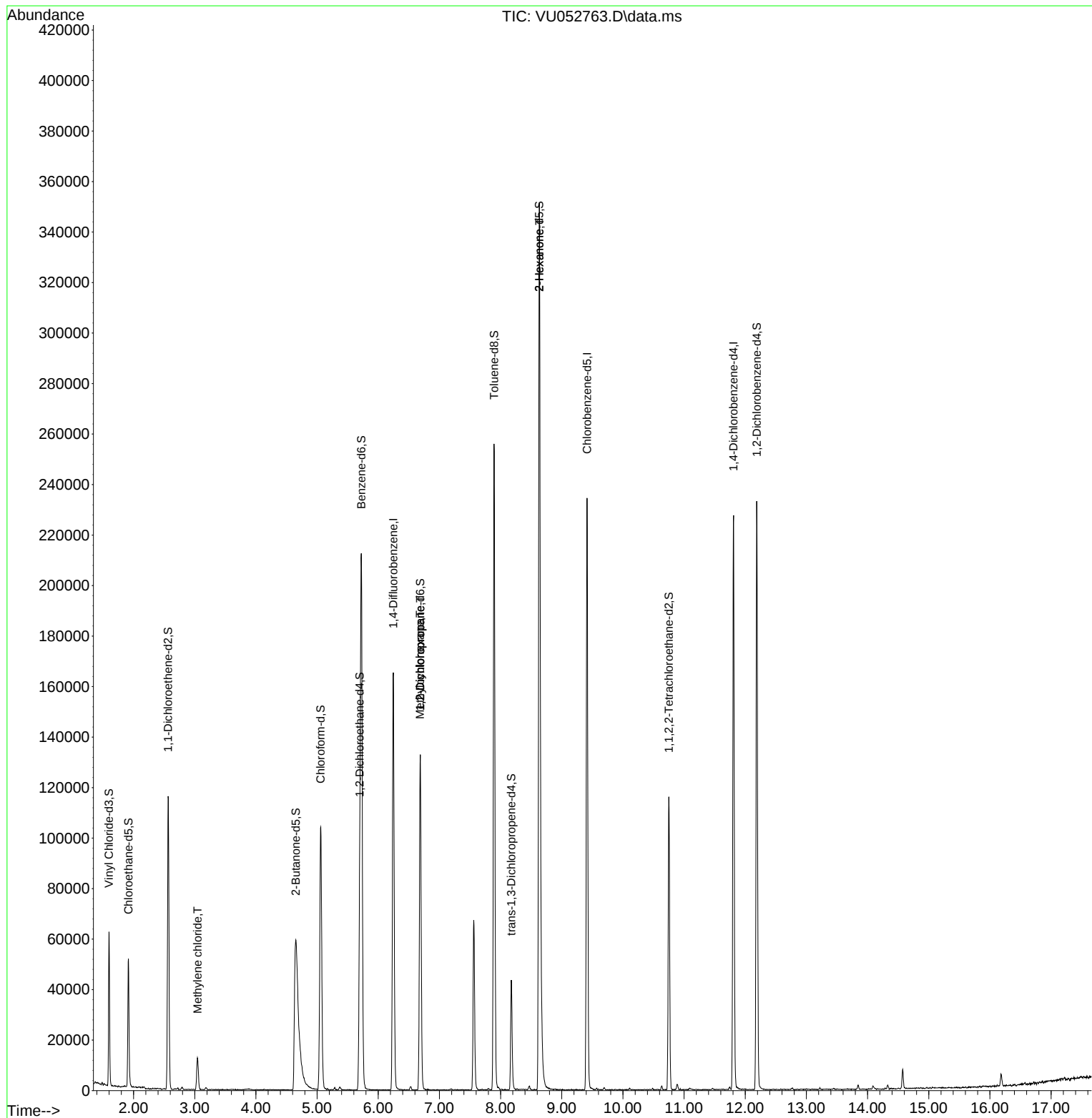
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 135171   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 132814   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 62929    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 45555    | 3.836    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 76.800%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 39912    | 4.125    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 82.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 22369    | 4.277    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 85.600%  |
| 20) 2-Butanone-d5             | 4.652  | 46    | 171774   | 54.099   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 108.200% |
| 24) Chloroform-d              | 5.057  | 84    | 101069   | 4.563    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65    | 58583    | 5.150    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 103.000% |
| 32) Benzene-d6                | 5.723  | 84    | 203126   | 4.719    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 64055    | 4.465    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 89.400%  |
| 41) Toluene-d8                | 7.893  | 98    | 172429   | 4.543    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.800%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 26120    | 4.896    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 98.000%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 129169   | 58.289   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 116.580% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 56484    | 5.143    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 102.800% |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 62722    | 5.475    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 109.600% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 3.044  | 84    | 6735     | 0.432    | ug/L   | 81       |
| 35) Methylcyclohexane         | 6.684  | 83    | 14964    | 0.729    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 6935     | 0.492    | ug/L # | 89       |
| 48) 2-Hexanone                | 8.636  | 43    | 15995    | 2.707    | ug/L # | 84       |
| -----                         |        |       |          |          |        |          |

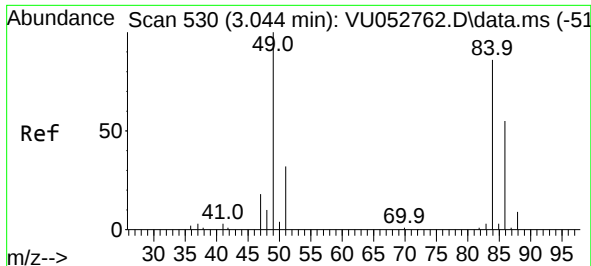
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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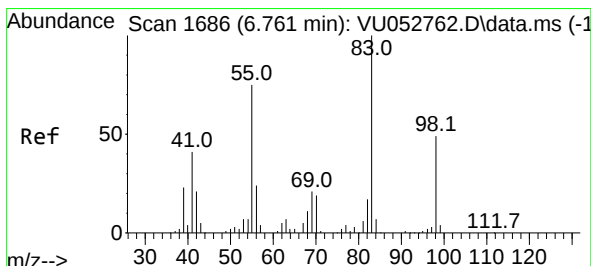
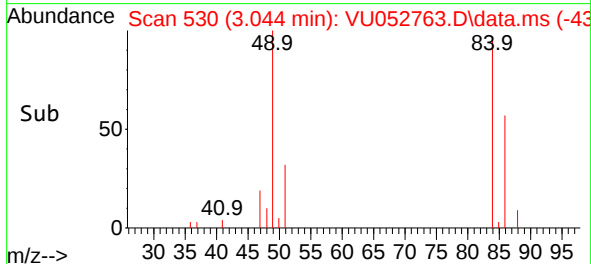
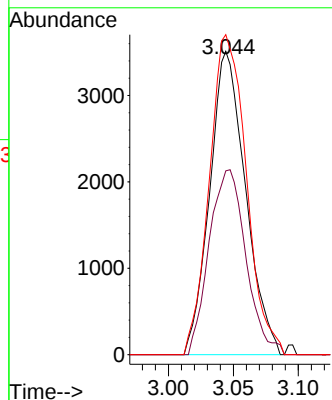
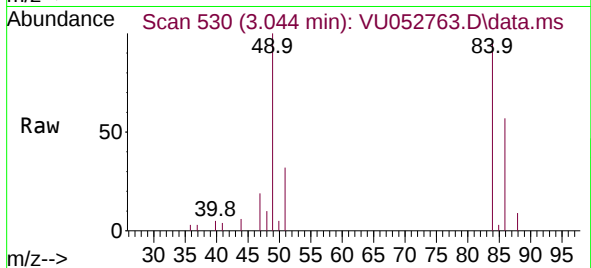




#16  
Methylene chloride  
Concen: 0.432 ug/L  
RT: 3.044 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VU052763.D  
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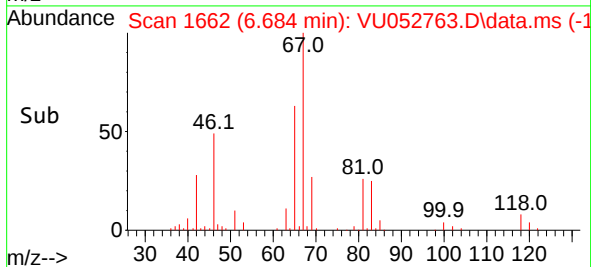
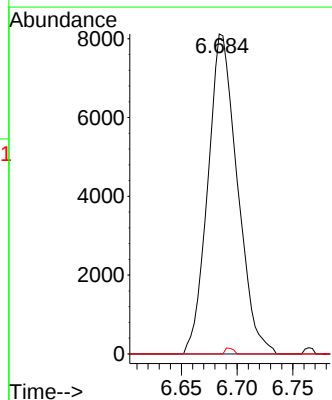
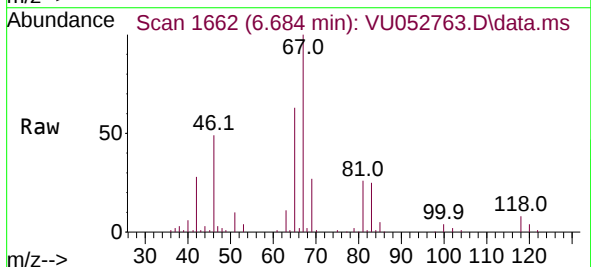
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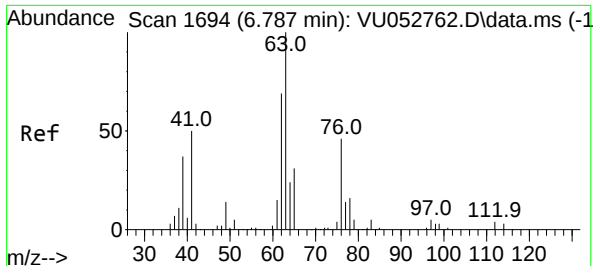
Tgt Ion: 84 Resp: 6735  
Ion Ratio Lower Upper  
84 100  
86 60.6 45.6 84.6  
49 105.5 94.8 176.0



#35  
Methylcyclohexane  
Concen: 0.729 ug/L  
RT: 6.684 min Scan# 1662  
Delta R.T. -0.077 min  
Lab File: VU052763.D  
Acq: 20 Jan 2023 16:18

Tgt Ion: 83 Resp: 14964  
Ion Ratio Lower Upper  
83 100  
55 0.0 67.6 101.4#  
98 0.5 37.1 55.7#





#37

1,2-Dichloropropane

Concen: 0.492 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052763.D

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Instrument :

MSVOA\_U

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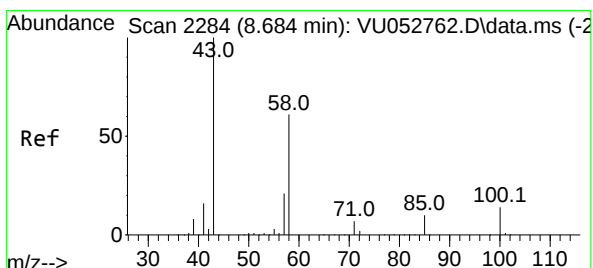
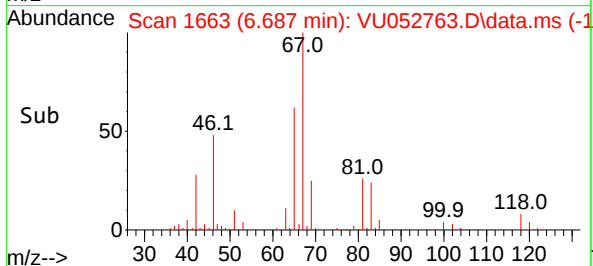
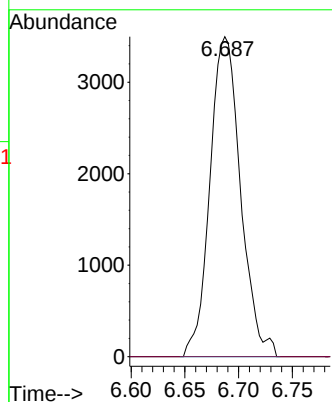
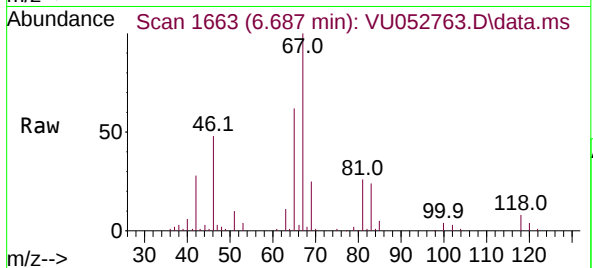
VBLK172

Tgt Ion: 63 Resp: 6935

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#48

2-Hexanone

Concen: 2.707 ug/L

RT: 8.636 min Scan# 2269

Delta R.T. -0.048 min

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Tgt Ion: 43 Resp: 15995

Ion Ratio Lower Upper

43 100

58 52.0 45.1 67.7

57 37.5 15.1 22.7#

100 1.5 9.0 13.4#

