

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101122\  
 Data File : VU051378.D  
 Acq On : 11 Oct 2022 17:17  
 Operator : JC/MD  
 Sample : N5041-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C1BD6

Quant Time: Oct 11 23:39:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Oct 11 23:36:07 2022  
 Response via : Initial Calibration

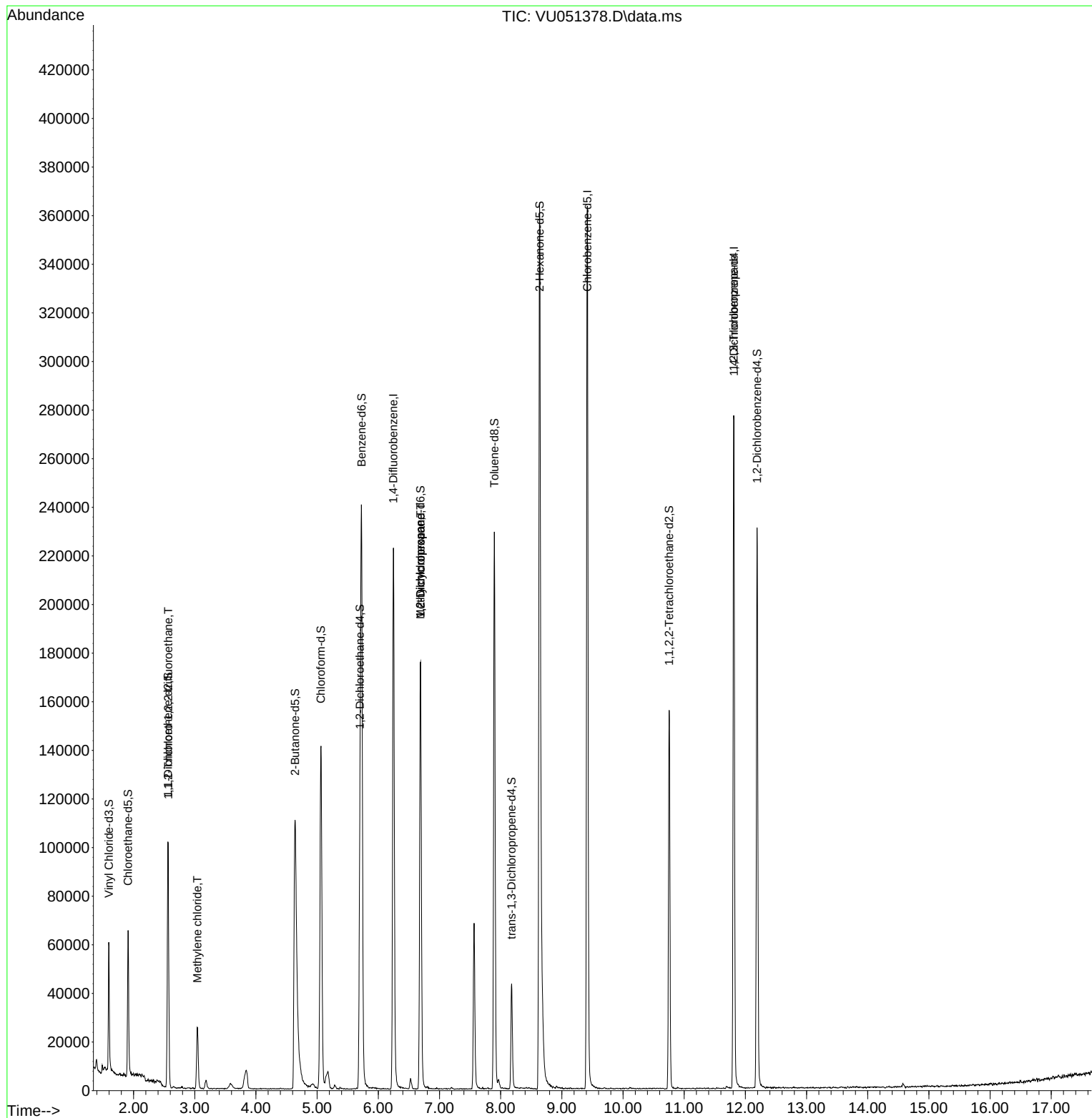
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 176764   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 205397   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 74454    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.594  | 65    | 41105    | 2.883    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 57.600%  |
| 7) Chloroethane-d5            | 1.909  | 69    | 44964    | 3.670    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 73.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.562  | 65    | 19667    | 3.489    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 69.800%  |
| 20) 2-Butanone-d5             | 4.639  | 46    | 194900   | 62.085   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 124.160% |
| 24) Chloroform-d              | 5.060  | 84    | 133188   | 5.010    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 100.200% |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 74644    | 5.445    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 108.800% |
| 32) Benzene-d6                | 5.726  | 84    | 218844   | 3.873    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 77.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 87765    | 4.573    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.400%  |
| 41) Toluene-d8                | 7.896  | 98    | 157271   | 3.111    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 62.200%# |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 24883    | 3.947    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 79.000%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 104501   | 49.180   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 98.360%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84    | 81459    | 5.314    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 106.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 62069    | 4.796    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565  | 101   | 640      | 0.047    | ug/L # | 21       |
| 16) Methylene chloride        | 3.041  | 84    | 12211    | 0.642    | ug/L   | 92       |
| 35) Methylcyclohexane         | 6.687  | 83    | 19516    | 0.904    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.690  | 63    | 9238     | 0.492    | ug/L # | 88       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75    | 9835     | 1.046    | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

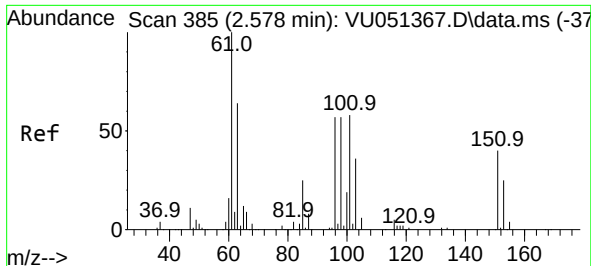
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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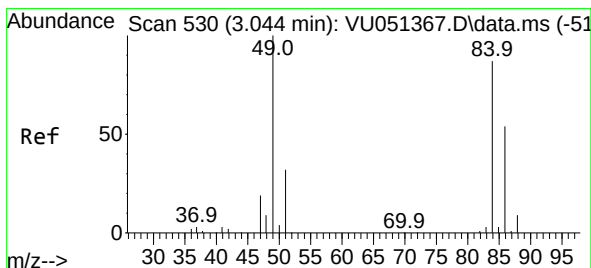
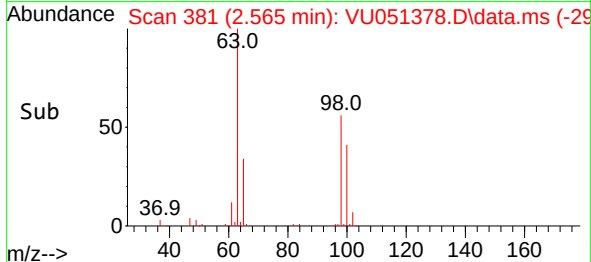
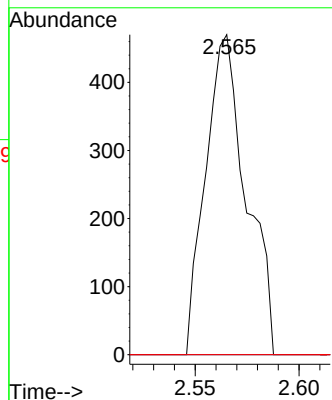
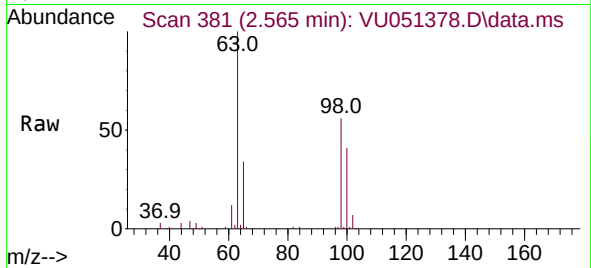




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.047 ug/L  
RT: 2.565 min Scan# 31  
Delta R.T. -0.013 min  
Lab File: VU051378.D  
Acq: 11 Oct 2022 17:17

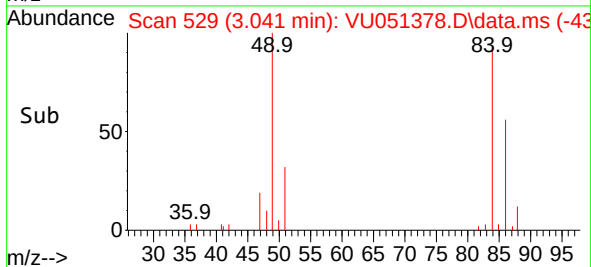
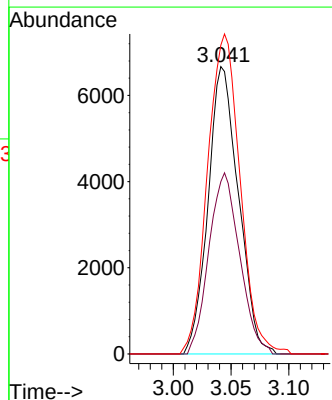
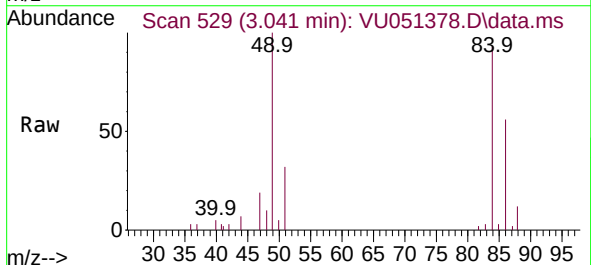
Instrument :  
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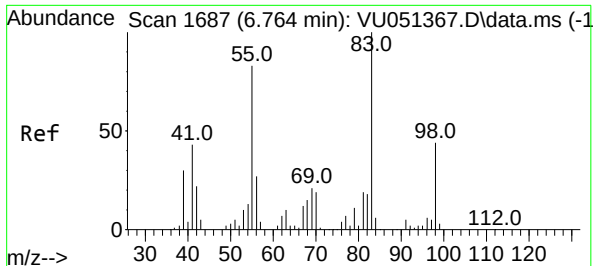
Tgt Ion:101 Resp: 640  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.6 51.8#  
151 0.0 56.5 84.7#



#16  
Methylene chloride  
Concen: 0.642 ug/L  
RT: 3.041 min Scan# 529  
Delta R.T. -0.003 min  
Lab File: VU051378.D  
Acq: 11 Oct 2022 17:17

Tgt Ion: 84 Resp: 12211  
Ion Ratio Lower Upper  
84 100  
86 60.0 46.5 86.3  
49 107.5 81.3 151.1





#35

Methylcyclohexane

Concen: 0.904 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU051378.D

Acq: 11 Oct 2022 17:17

Instrument :

MSVOA\_U

ClientSampleId :

C1BD6

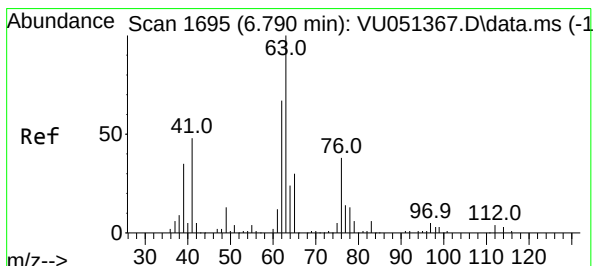
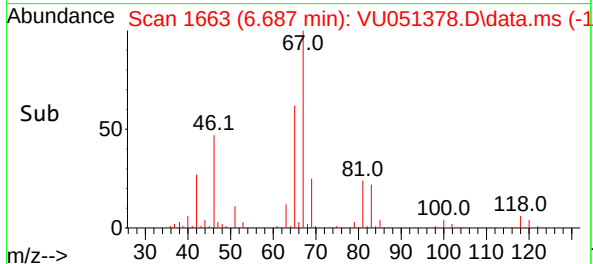
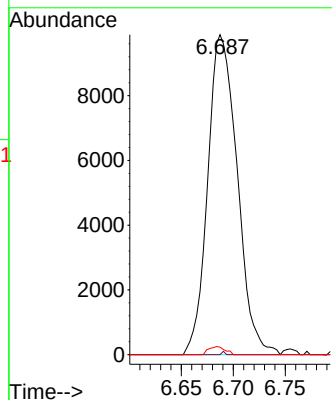
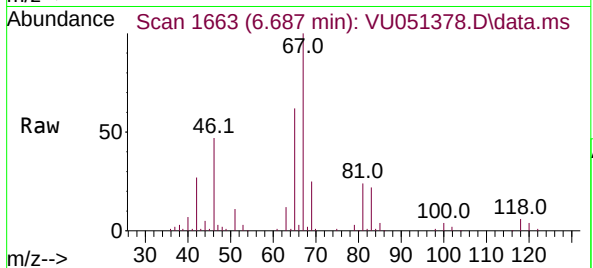
Tgt Ion: 83 Resp: 19516

Ion Ratio Lower Upper

83 100

55 0.1 65.8 98.6#

98 1.4 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.492 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.099 min

Lab File: VU051378.D

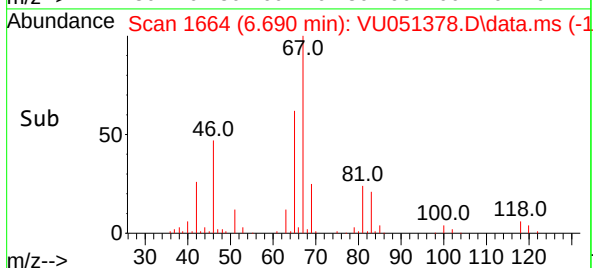
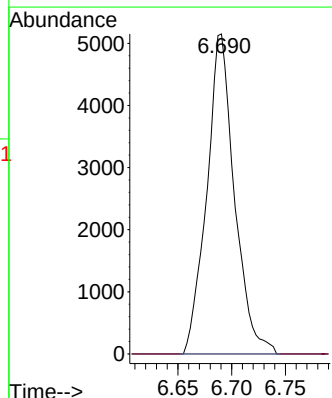
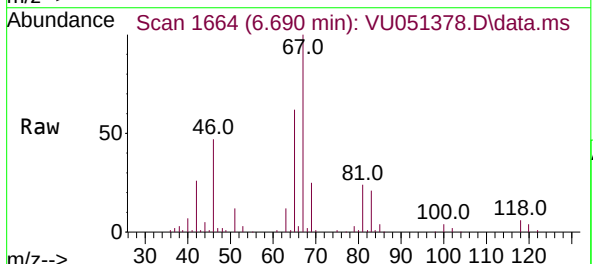
Acq: 11 Oct 2022 17:17

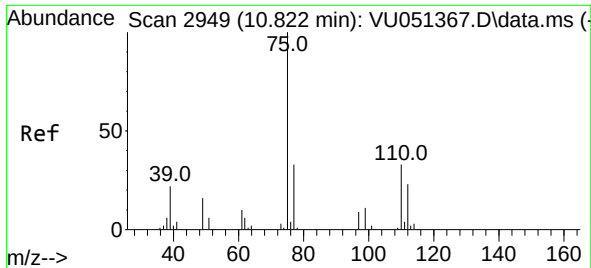
Tgt Ion: 63 Resp: 9238

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.046 ug/L  
 RT: 11.809 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU051378.D  
 Acq: 11 Oct 2022 17:17

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 C1BD6

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 0.8   | 27.0  | 40.6# |
| 77      | 31.7  | 26.4  | 39.6  |

