

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051722\  
 Data File : VU048599.D  
 Acq On : 17 May 2022 12:39  
 Operator : SY/MD  
 Sample : VU0517WBL01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

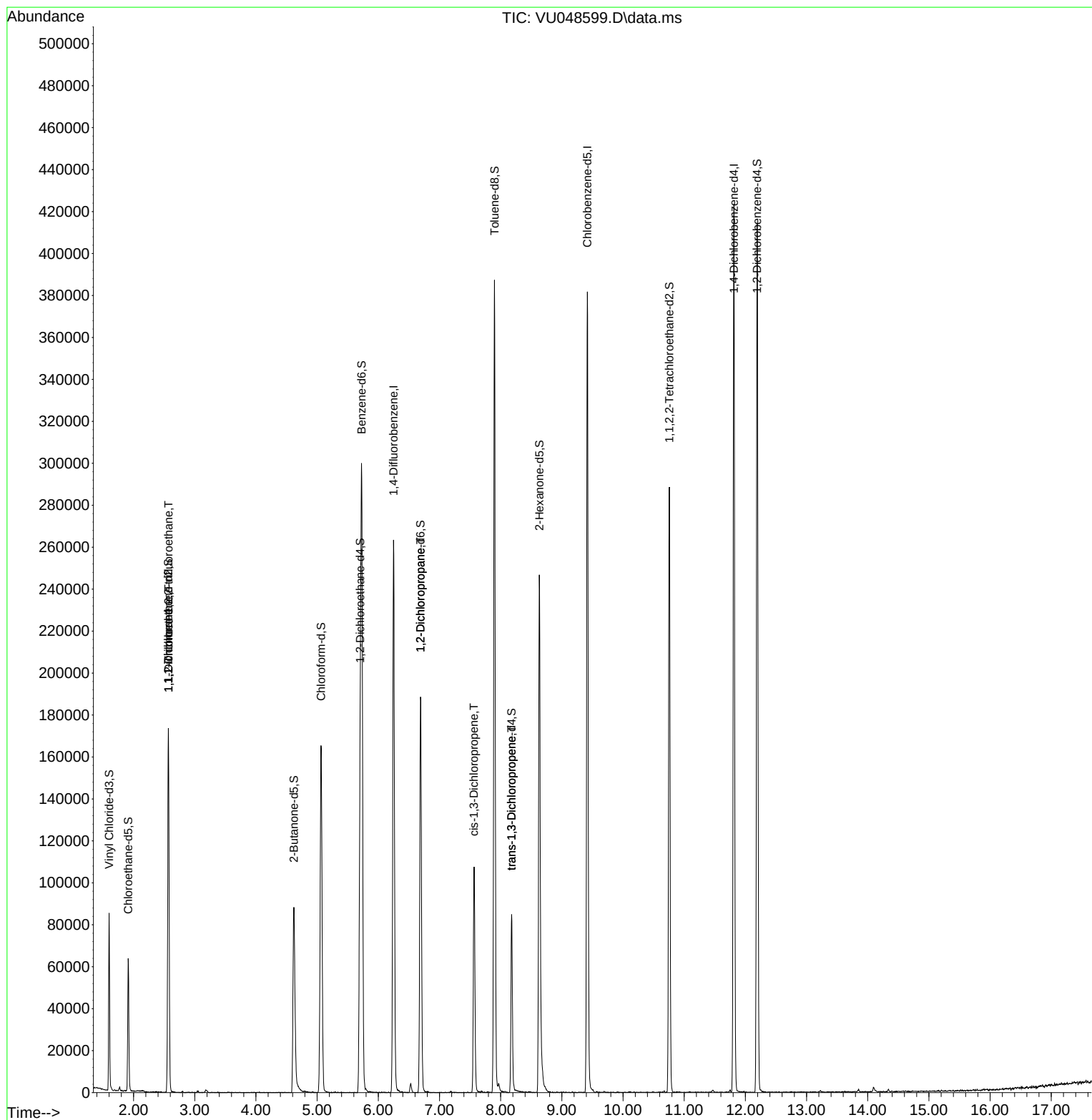
Quant Time: May 18 05:18:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM051622WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 18 05:17:36 2022  
 Response via : Initial Calibration

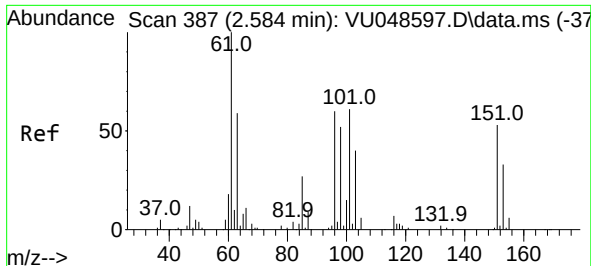
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 213542   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 211812   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 113591   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65    | 54787    | 41.888   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 83.780%  |
| 7) Chloroethane-d5            | 1.912   | 69    | 44860    | 45.781   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 91.560%  |
| 11) 1,1-Dichloroethene-d2     | 2.568   | 63    | 101089   | 34.175   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 68.360%  |
| 21) 2-Butanone-d5             | 4.620   | 46    | 121305   | 97.460   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 97.460%  |
| 24) Chloroform-d              | 5.063   | 84    | 156405   | 47.322   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.640%  |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 118272   | 50.723   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 101.440% |
| 32) Benzene-d6                | 5.729   | 84    | 272053   | 46.151   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.300%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 80306    | 46.404   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 92.800%  |
| 41) Toluene-d8                | 7.899   | 98    | 251147   | 45.294   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.580%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 47942    | 43.323   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.640%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 79917    | 84.206   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 84.210%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 132024   | 46.104   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 92.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 115009   | 49.527   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 99.060%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.572   | 101   | 1092     | 0.728    | ug/L # | 17       |
| 12) 1,1-Dichloroethene        | 2.572   | 96    | 740      | 0.533    | ug/L # | 1        |
| 37) 1,2-Dichloropropane       | 6.690   | 63    | 10074    | 6.511    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 7.562   | 75    | 3104     | 1.175    | ug/L # | 78       |
| 44) trans-1,3-Dichloropropene | 8.179   | 75    | 2277     | 0.817    | ug/L   | 94       |
| -----                         |         |       |          |          |        |          |

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

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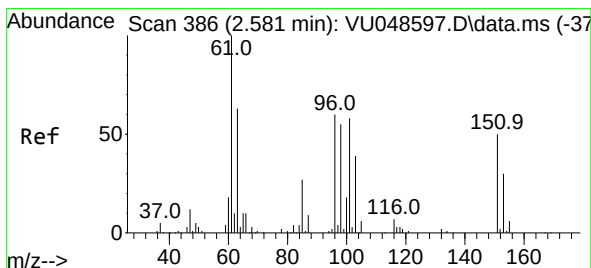
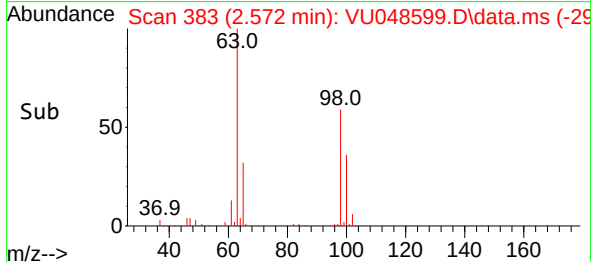
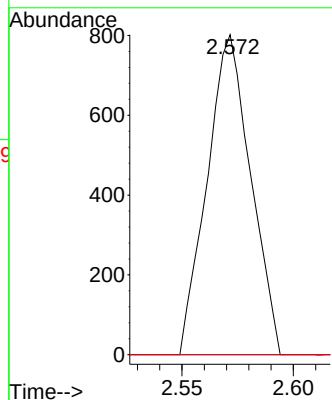
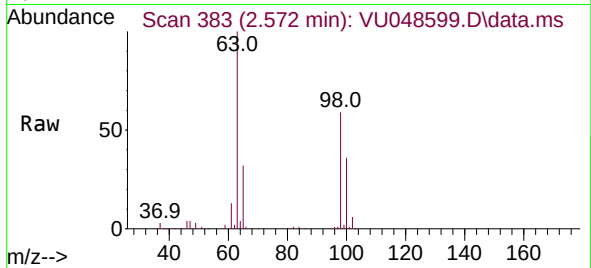
Quant Time: May 18 05:18:25 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM051622WMA.M  
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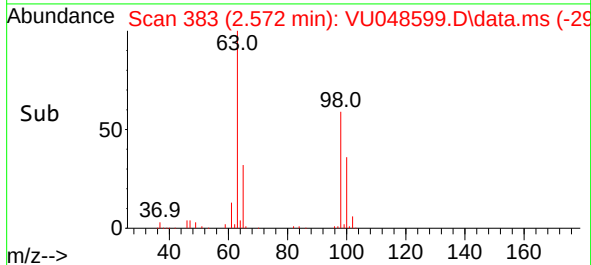
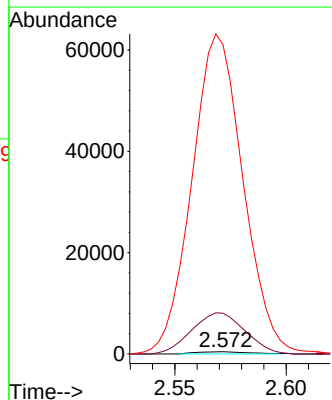
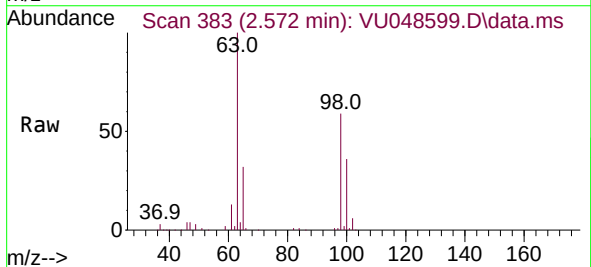
#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.728 ug/L  
RT: 2.572 min Scan# 383  
Delta R.T. -0.013 min  
Lab File: VU048599.D  
Acq: 17 May 2022 12:39

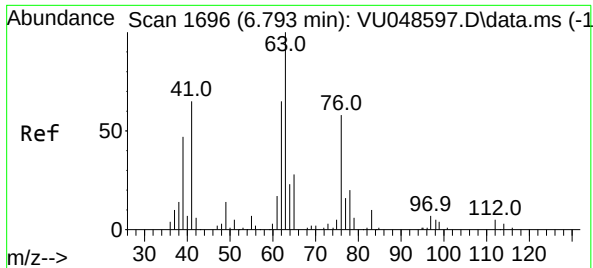
Tgt Ion: 101 Resp: 1092  
Ion Ratio Lower Upper  
101 100  
85 0.0 35.7 53.5#  
151 0.0 64.4 96.6#



#12  
1,1-Dichloroethene  
Concen: 0.533 ug/L  
RT: 2.572 min Scan# 383  
Delta R.T. -0.010 min  
Lab File: VU048599.D  
Acq: 17 May 2022 12:39

Tgt Ion: 96 Resp: 740  
Ion Ratio Lower Upper  
96 100  
61 1875.6 120.6 224.0#  
63 14212.1 82.3 152.9#





#37

1,2-Dichloropropane

Concen: 6.511 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048599.D

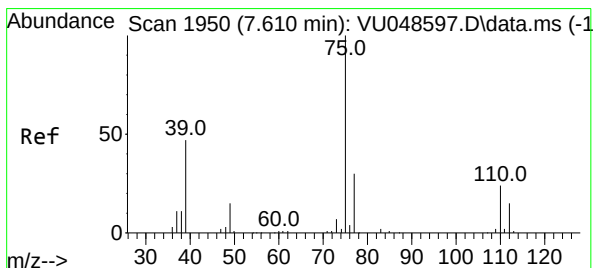
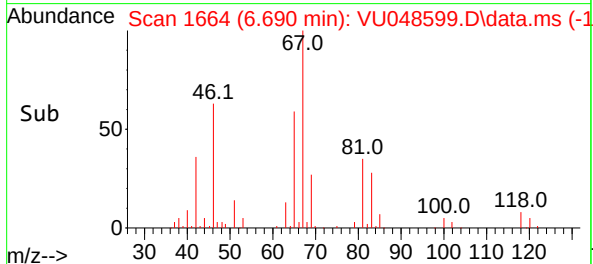
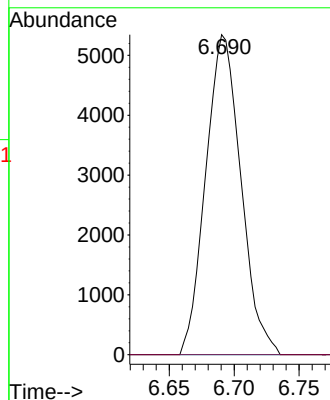
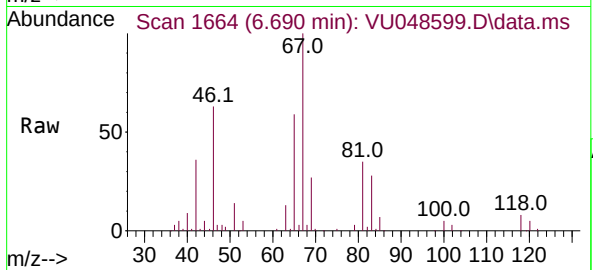
Acq: 17 May 2022 12:39

Tgt Ion: 63 Resp: 10074

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.175 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.048 min

Lab File: VU048599.D

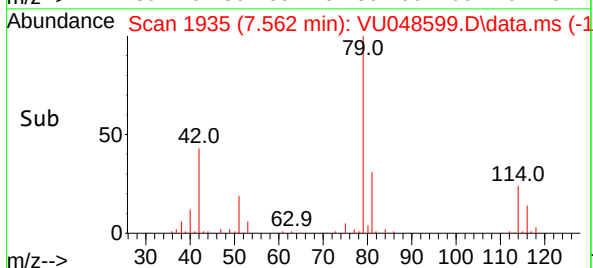
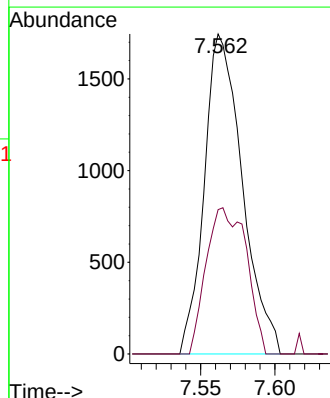
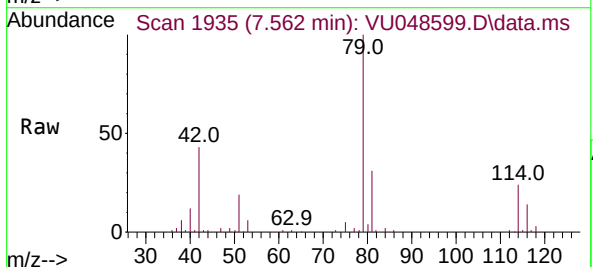
Acq: 17 May 2022 12:39

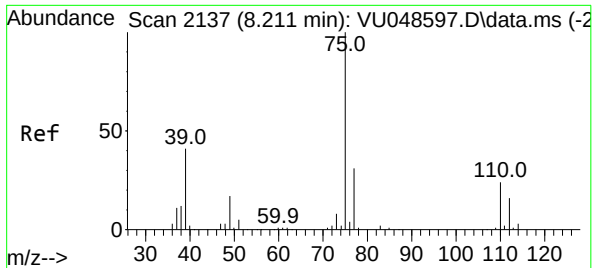
Tgt Ion: 75 Resp: 3104

Ion Ratio Lower Upper

75 100

77 45.1 22.9 42.5#





#44

trans-1,3-Dichloropropene  
 Concen: 0.817 ug/L  
 RT: 8.179 min Scan# 2127  
 Delta R.T. -0.032 min  
 Lab File: VU048599.D  
 Acq: 17 May 2022 12:39

Tgt Ion: 75 Resp: 2277  
 Ion Ratio Lower Upper  
 75 100  
 77 35.5 22.7 42.1

