

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032224\  
 Data File : VU058206.D  
 Acq On : 22 Mar 2024 21:06  
 Operator : MD/SY  
 Sample : P1841-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Mar 22 23:49:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 22 23:43:24 2024  
 Response via : Initial Calibration

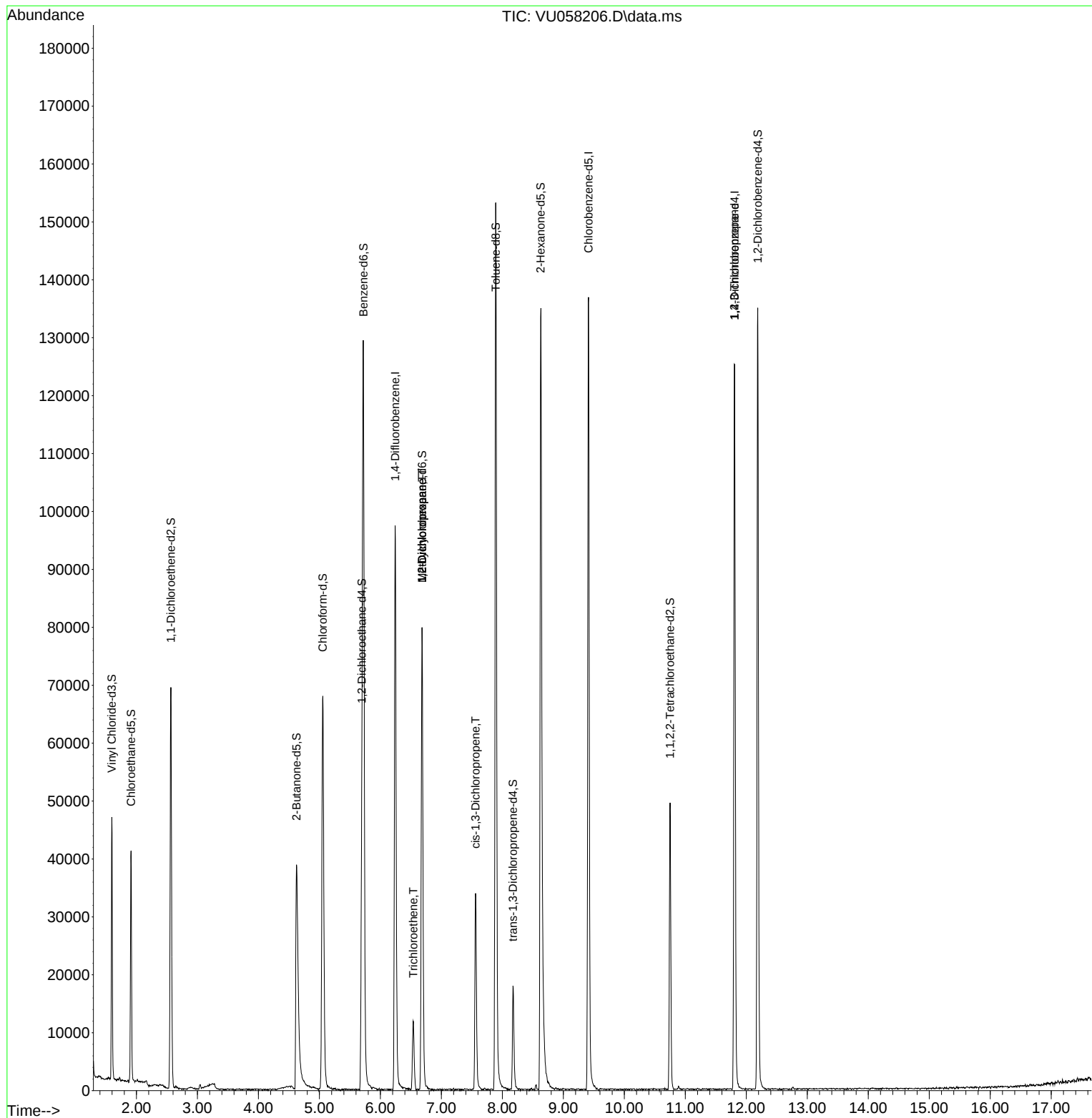
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 79990    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 78932    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 35160    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 31604    | 4.675    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 93.600%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 27651    | 5.011    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 100.200% |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 13770    | 4.906    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 98.200%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 67206    | 55.963   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 111.920% |
| 24) Chloroform-d              | 5.055  | 84    | 61724    | 5.107    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.200% |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 30578    | 5.412    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 108.200% |
| 32) Benzene-d6                | 5.721  | 84    | 124429   | 4.854    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 38352    | 5.076    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.600% |
| 41) Toluene-d8                | 7.891  | 98    | 107080   | 4.715    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.200%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 11596    | 4.790    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 95.800%  |
| 46) 2-Hexanone-d5             | 8.628  | 63    | 51640    | 52.669   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 105.340% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 25685    | 5.218    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 104.400% |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 35241    | 5.382    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 107.600% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 6.541  | 95    | 4070     | 0.754    | ug/L   | 86       |
| 35) Methylcyclohexane         | 6.682  | 83    | 8963     | 1.190    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 4299     | 0.742    | ug/L # | 90       |
| 39) cis-1,3-Dichloropropene   | 7.560  | 75    | 924      | 0.126    | ug/L # | 18       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 4526     | 1.537    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

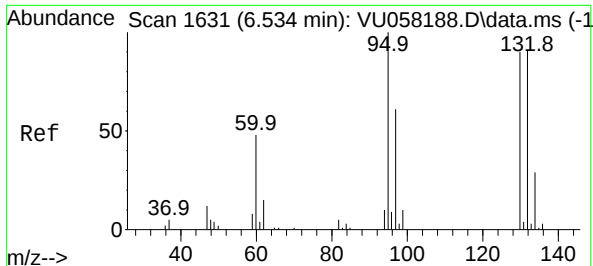
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.754 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.007 min

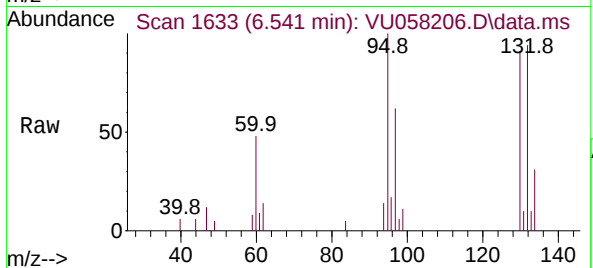
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MSVOA\_U

ClientSampleId :



Tgt Ion: 95 Resp: 4070

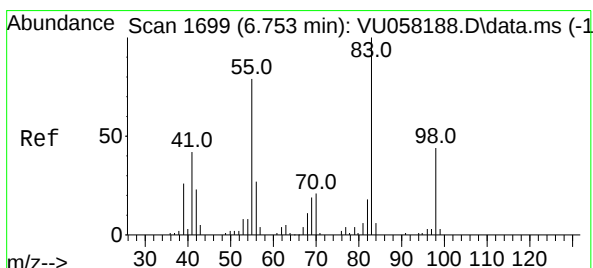
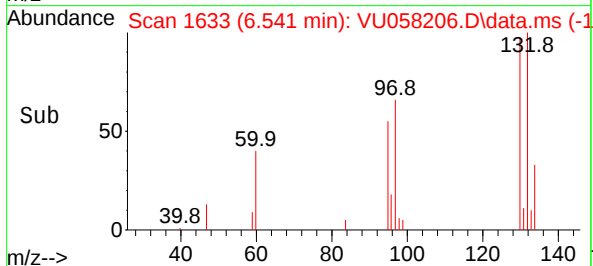
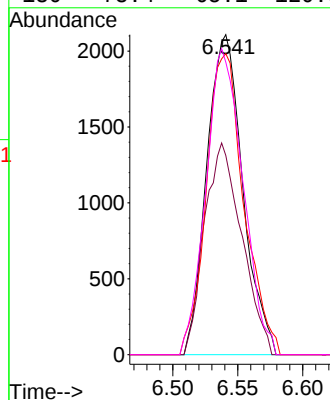
Ion Ratio Lower Upper

95 100

97 53.4 47.7 88.7

132 80.6 63.6 118.2

130 78.4 65.1 120.9



#35

Methylcyclohexane

Concen: 1.190 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU058206.D

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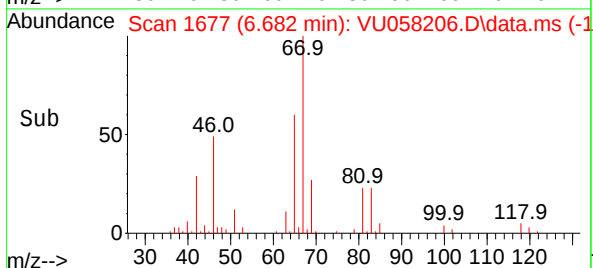
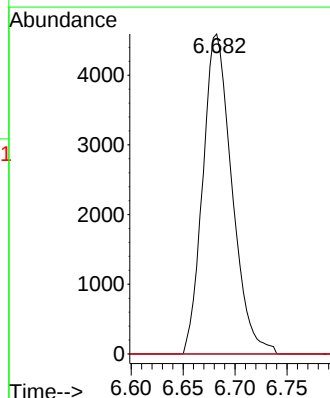
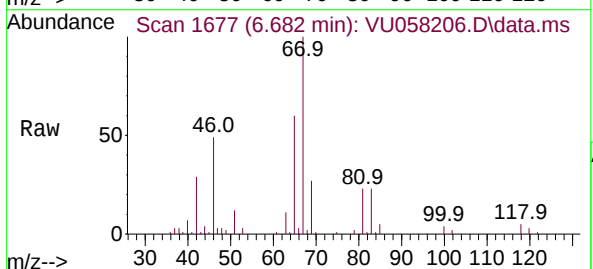
Tgt Ion: 83 Resp: 8963

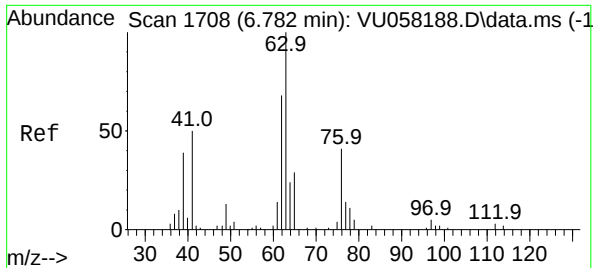
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 4.0 37.3 55.9#

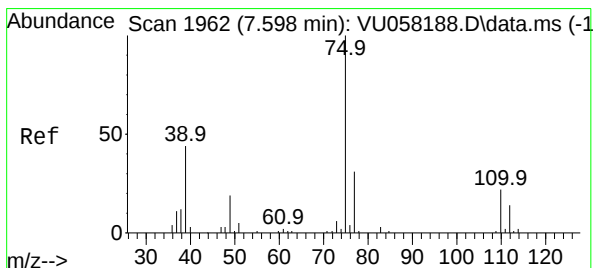
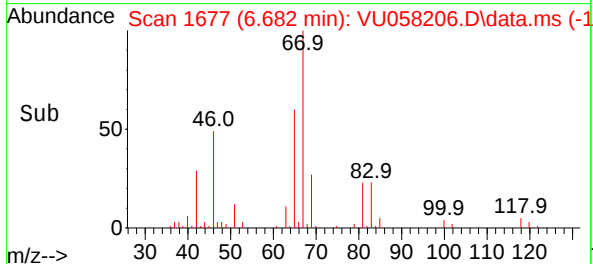
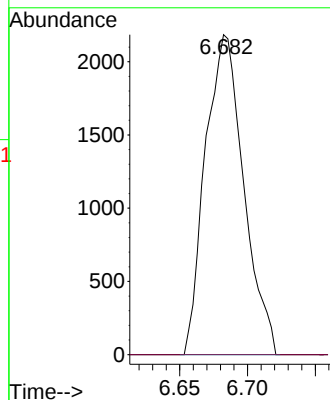
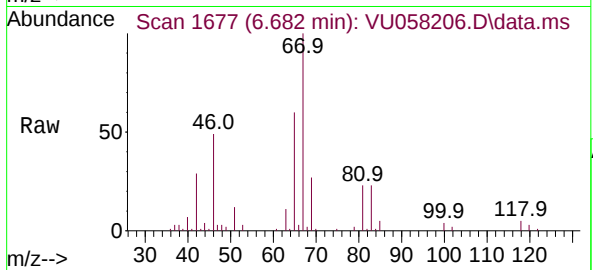




#37  
1,2-Dichloropropane  
Concen: 0.742 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU058206.D  
Acq: 22 Mar 2024 21:06

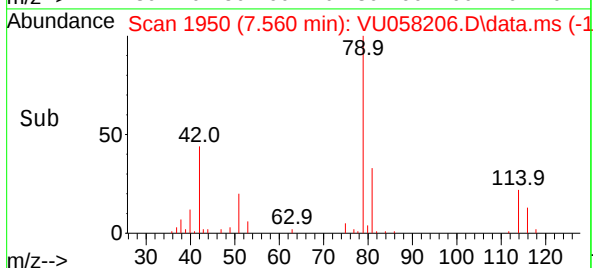
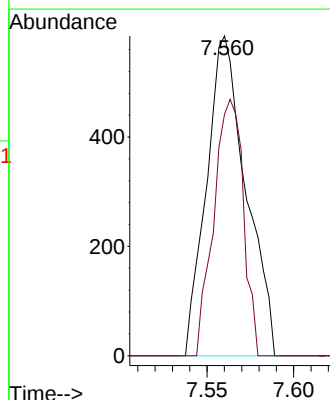
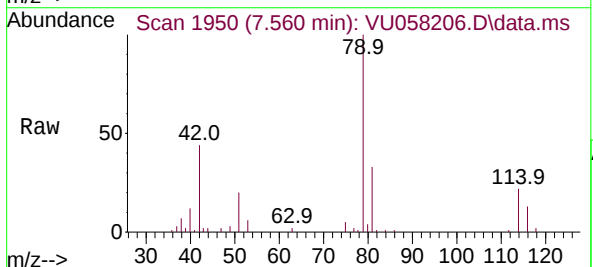
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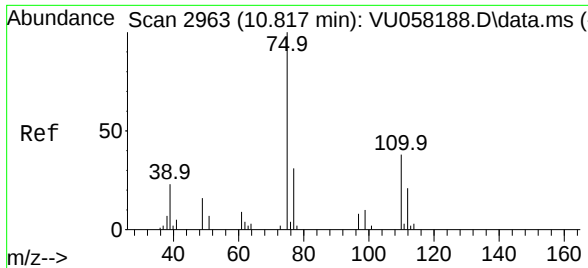
Tgt Ion: 63 Resp: 4299  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.7 4.1#



#39  
cis-1,3-Dichloropropene  
Concen: 0.126 ug/L  
RT: 7.560 min Scan# 1950  
Delta R.T. -0.038 min  
Lab File: VU058206.D  
Acq: 22 Mar 2024 21:06

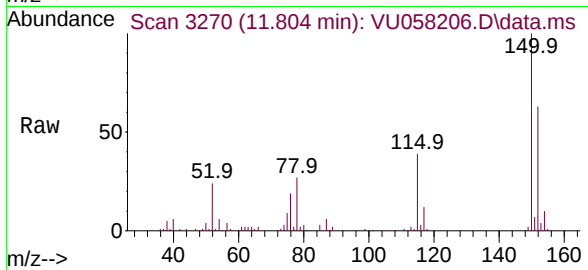
Tgt Ion: 75 Resp: 924  
Ion Ratio Lower Upper  
75 100  
77 75.6 21.4 39.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.537 ug/L  
 RT: 11.804 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU058206.D  
 Acq: 22 Mar 2024 21:06

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 4526  
 Ion Ratio Lower Upper  
 75 100  
 110 0.0 28.1 42.1#  
 77 30.4 25.1 37.7

