

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110824\  
 Data File : VU061540.D  
 Acq On : 08 Nov 2024 11:34  
 Operator : MD/SY  
 Sample : P4689-23  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 09 00:18:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Nov 09 00:17:10 2024  
 Response via : Initial Calibration

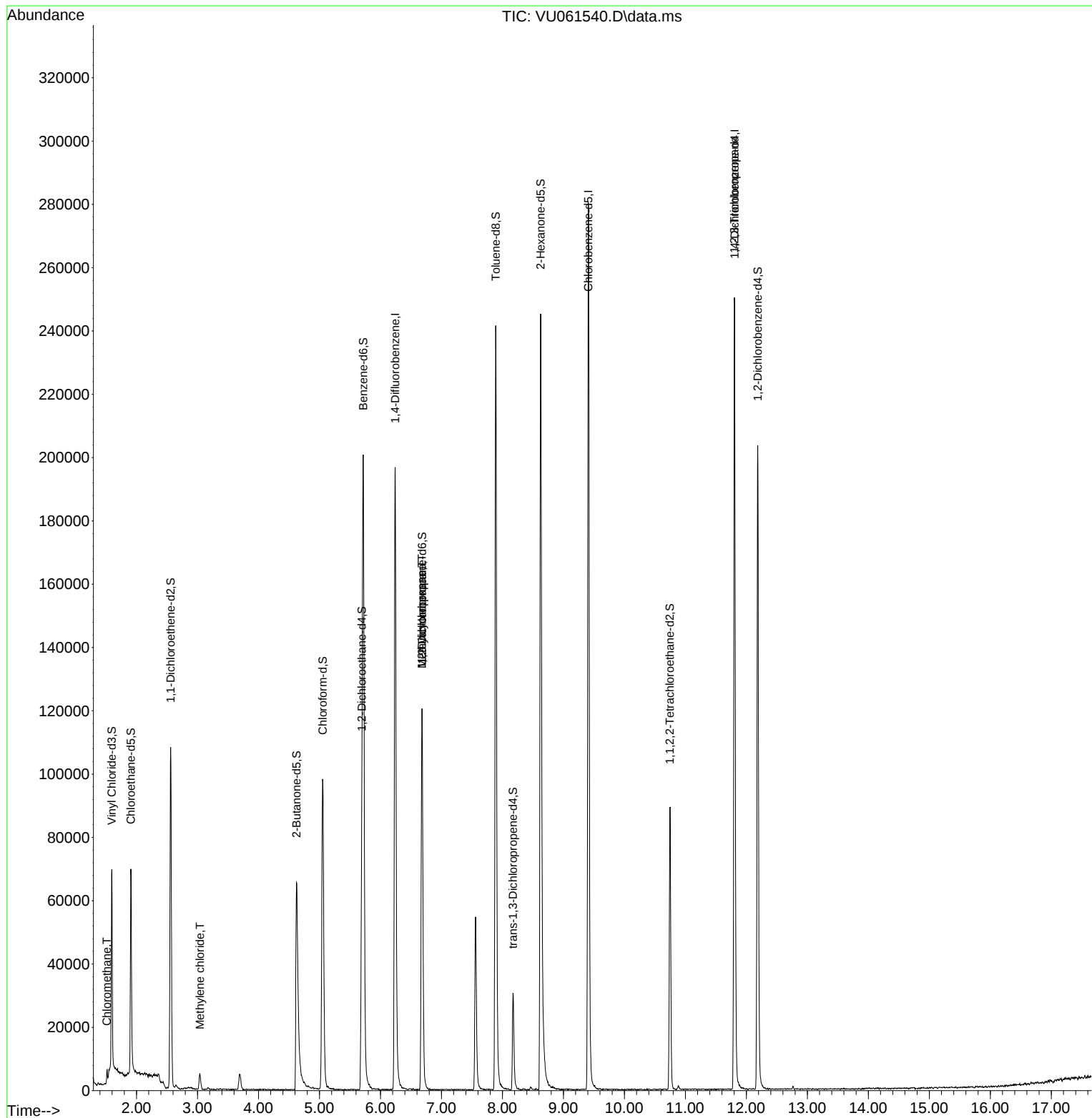
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 170700   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 159690   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 67927    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 43113    | 3.718    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 74.400%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 45239    | 4.256    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 85.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 20849    | 4.202    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 84.000%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 104890   | 44.553   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 89.100%  |
| 24) Chloroform-d              | 5.052  | 84    | 94782    | 4.306    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 48925    | 4.460    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.200%  |
| 32) Benzene-d6                | 5.718  | 84    | 195468   | 4.344    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 59721    | 4.415    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 88.200%  |
| 41) Toluene-d8                | 7.891  | 98    | 172378   | 4.097    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.000%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 19120    | 3.462    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 69.200%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 94218    | 41.658   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 83.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 45368    | 4.435    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 88.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 55668    | 4.628    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 92.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.515  | 50    | 2805     | 0.234    | ug/L   | 97       |
| 16) Methylene chloride        | 3.039  | 84    | 2817     | 0.237    | ug/L   | 89       |
| 35) Methylcyclohexane         | 6.679  | 83    | 13982    | 0.654    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.679  | 63    | 6396     | 0.511    | ug/L # | 89       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 8704     | 1.286    | ug/L # | 67       |

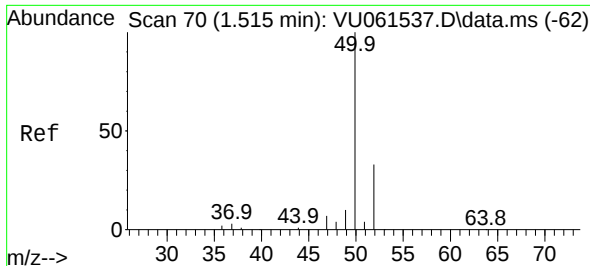
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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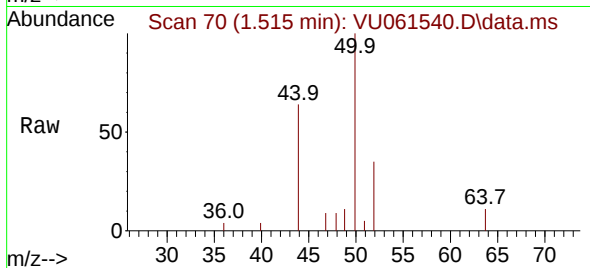
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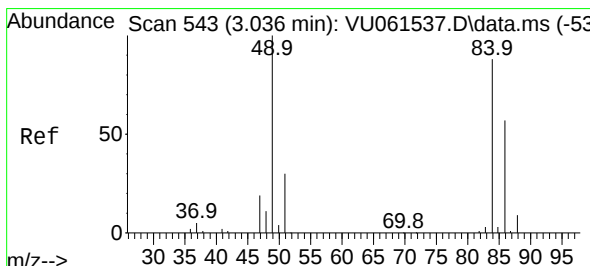
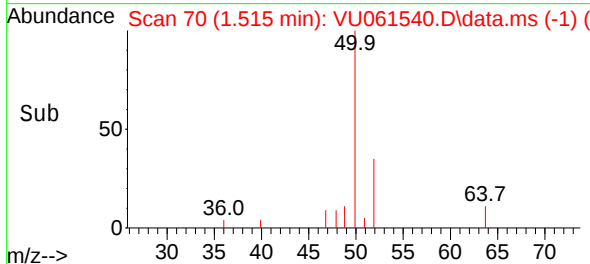
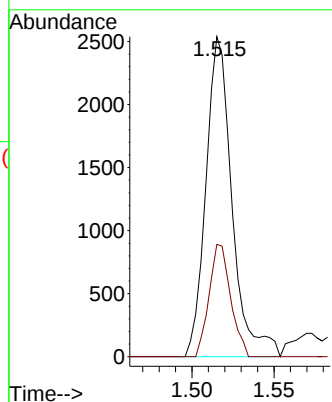


#3  
Chloromethane  
Concen: 0.234 ug/L  
RT: 1.515 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VU061540.D  
Acq: 08 Nov 2024 11:34

Instrument :  
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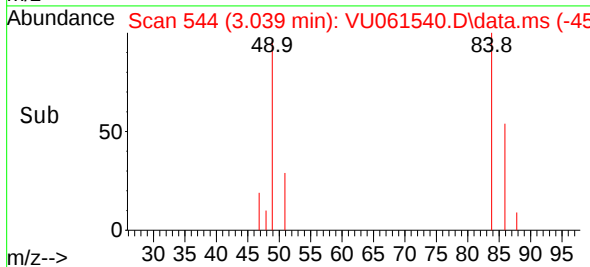
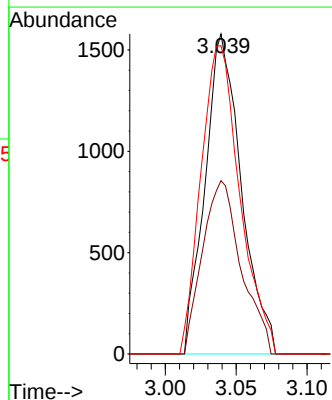
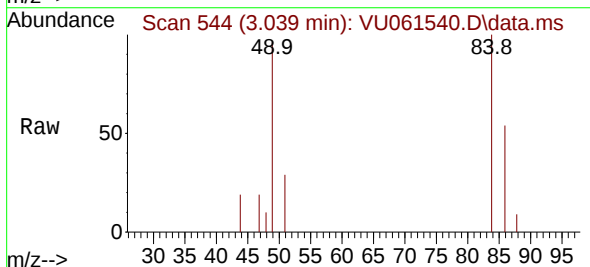


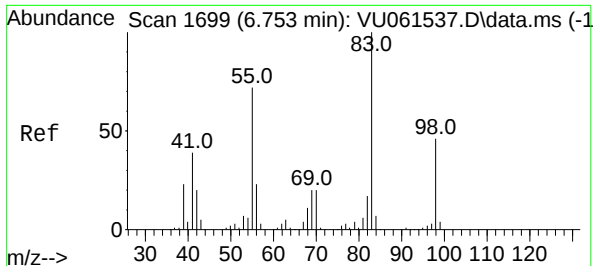
Tgt Ion: 50 Resp: 2805  
Ion Ratio Lower Upper  
50 100  
52 35.1 23.4 43.4



#16  
Methylene chloride  
Concen: 0.237 ug/L  
RT: 3.039 min Scan# 544  
Delta R.T. 0.003 min  
Lab File: VU061540.D  
Acq: 08 Nov 2024 11:34

Tgt Ion: 84 Resp: 2817  
Ion Ratio Lower Upper  
84 100  
86 54.1 43.5 80.7  
49 96.3 75.7 140.7





#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061540.D

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Instrument :

MSVOA\_U

ClientSampleId :

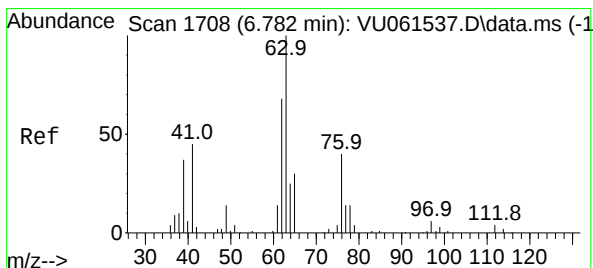
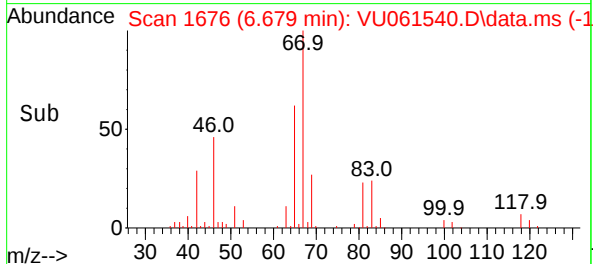
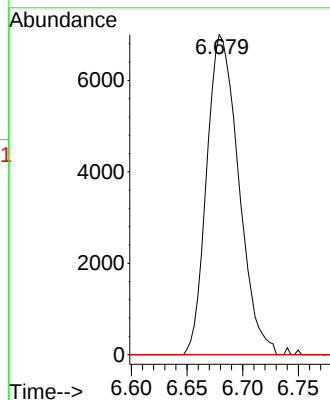
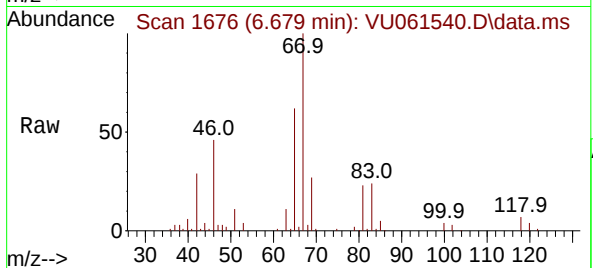
Tgt Ion: 83 Resp: 13982

Ion Ratio Lower Upper

83 100

55 0.0 55.9 83.9#

98 0.0 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU061540.D

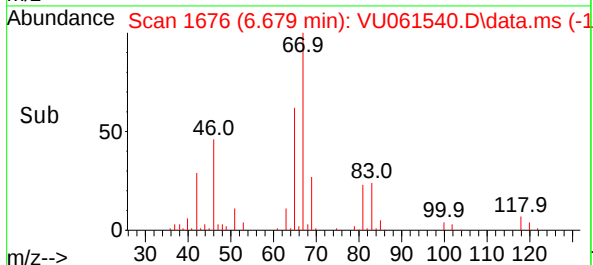
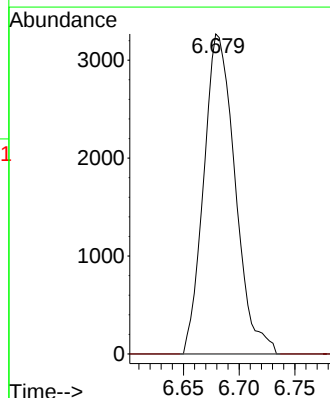
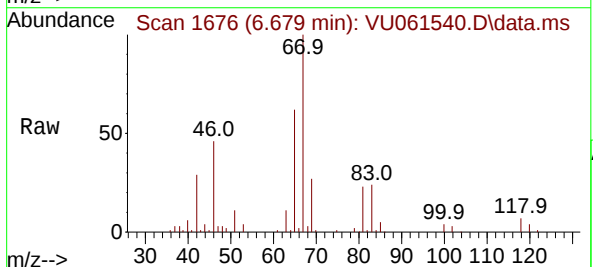
Acq: 08 Nov 2024 11:34

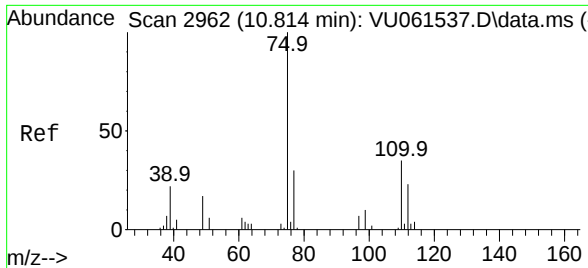
Tgt Ion: 63 Resp: 6396

Ion Ratio Lower Upper

63 100

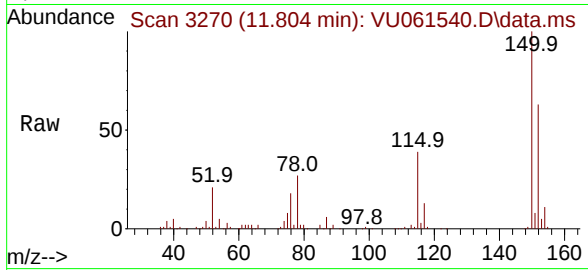
112 0.0 3.0 4.4#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.286 ug/L  
 RT: 11.804 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU061540.D  
 Acq: 08 Nov 2024 11:34

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 ClientSampleId :



Tgt Ion: 75 Resp: 8704  
 Ion Ratio Lower Upper  
 75 100  
 110 1.6 28.8 43.2#  
 77 29.5 25.7 38.5

