

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110724\  
 Data File : VU061517.D  
 Acq On : 07 Nov 2024 11:43  
 Operator : MD/SY  
 Sample : P4691-07  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 08 00:27:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 08 00:26:16 2024  
 Response via : Initial Calibration

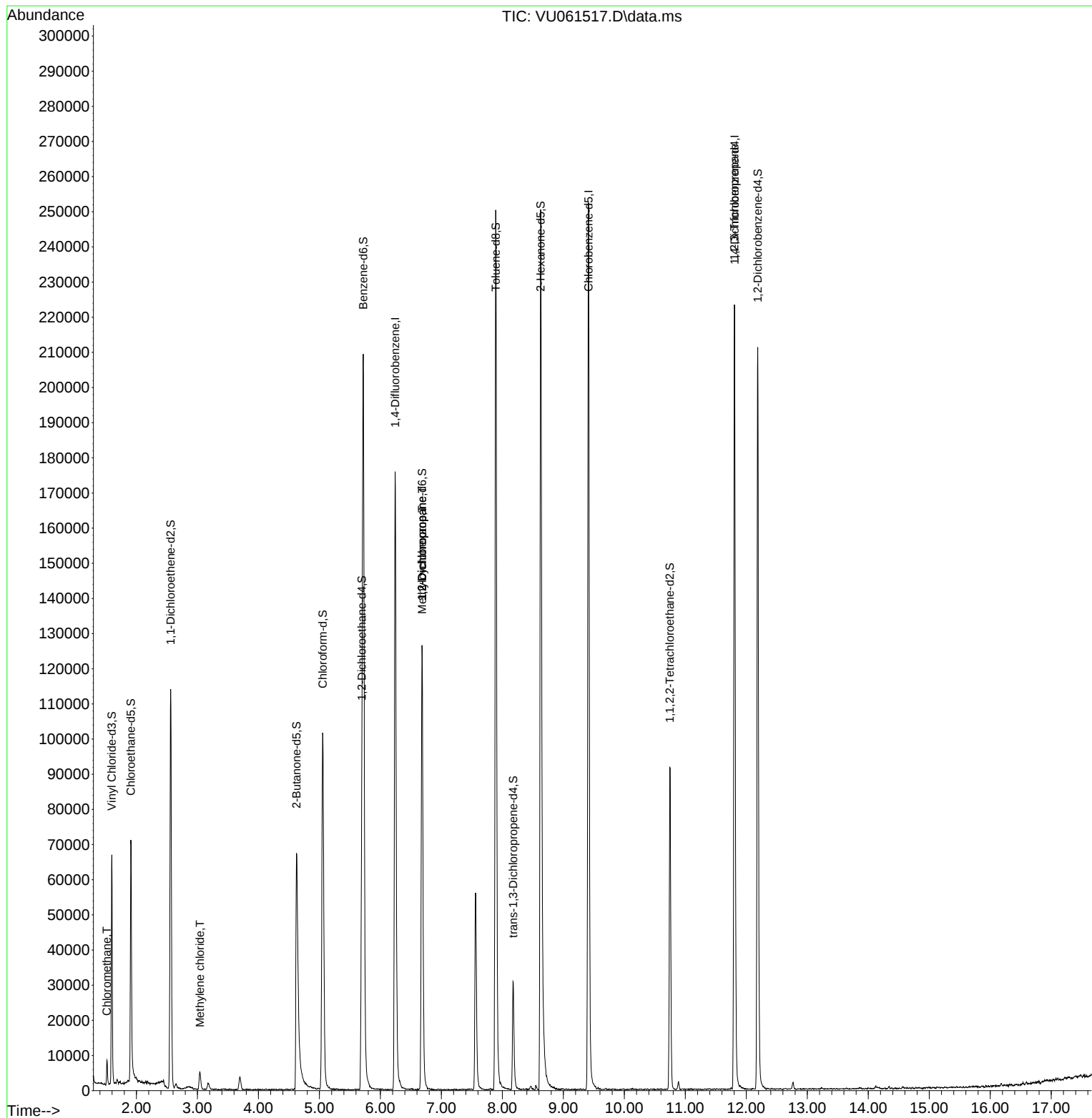
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 152847   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 143312   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.808 | 152            | 63088    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 44939    | 4.328  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 86.600%  |          |
| 7) Chloroethane-d5            | 1.908  | 69             | 47986    | 5.041  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 100.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.561  | 65             | 21457    | 4.830  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 96.600%  |          |
| 20) 2-Butanone-d5             | 4.625  | 46             | 104082   | 49.374 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 98.740%  |          |
| 24) Chloroform-d              | 5.052  | 84             | 96839    | 4.914  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 98.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 50184    | 5.109  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 102.200% |          |
| 32) Benzene-d6                | 5.718  | 84             | 199301   | 4.936  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 98.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.683  | 67             | 62010    | 5.108  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 102.200% |          |
| 41) Toluene-d8                | 7.891  | 98             | 177021   | 4.688  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 93.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.178  | 79             | 19688    | 3.973  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 79.400%  |          |
| 46) 2-Hexanone-d5             | 8.628  | 63             | 93943    | 46.284 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 92.560%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.747 | 84             | 46495    | 5.064  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 101.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 56027    | 5.015  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 100.400% |          |
| Target Compounds              |        |                |          |        |          |          |
| 3) Chloromethane              | 1.516  | 50             | 4623     | 0.430  | ug/L     | 94       |
| 16) Methylene chloride        | 3.040  | 84             | 2526     | 0.237  | ug/L     | 94       |
| 35) Methylcyclohexane         | 6.686  | 83             | 14265    | 0.743  | ug/L #   | 21       |
| 37) 1,2-Dichloropropane       | 6.683  | 63             | 6712     | 0.597  | ug/L #   | 89       |
| 61) 1,2,3-Trichloropropane    | 11.805 | 75             | 8063     | 1.283  | ug/L #   | 67       |

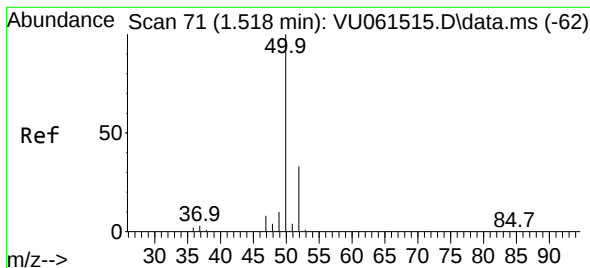
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.430 ug/L

RT: 1.516 min Scan# 71

Delta R.T. -0.003 min

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MSVOA\_U

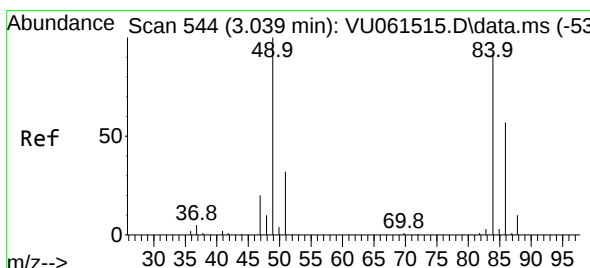
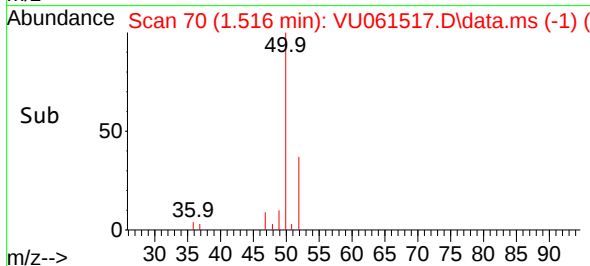
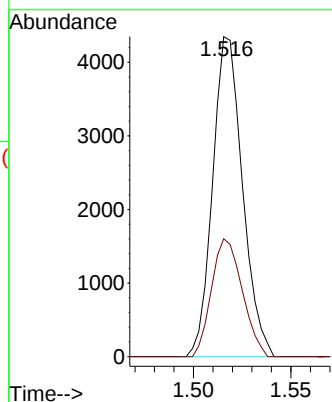
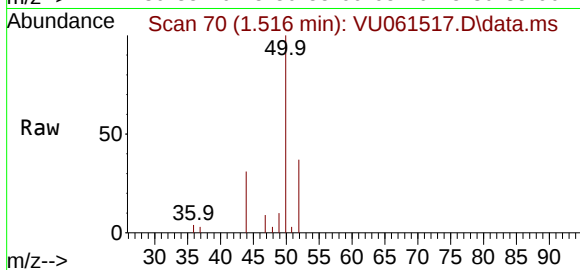
ClientSampleId :

Tgt Ion: 50 Resp: 4623

Ion Ratio Lower Upper

50 100

52 36.8 23.4 43.4



#16

Methylene chloride

Concen: 0.237 ug/L

RT: 3.040 min Scan# 544

Delta R.T. 0.001 min

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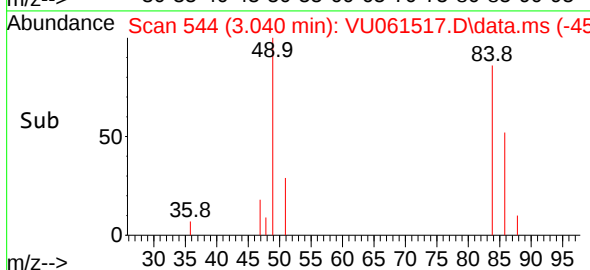
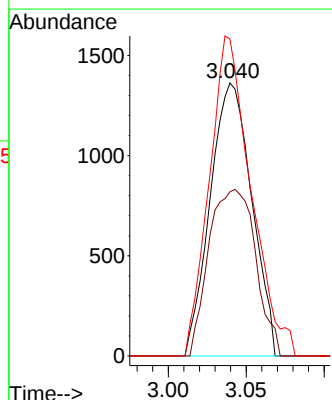
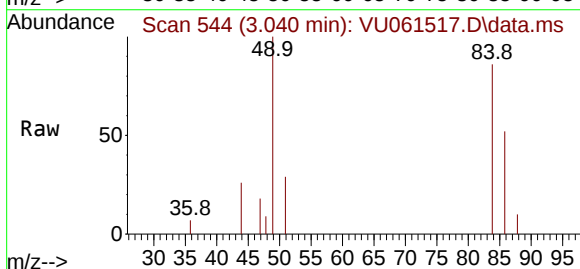
Tgt Ion: 84 Resp: 2526

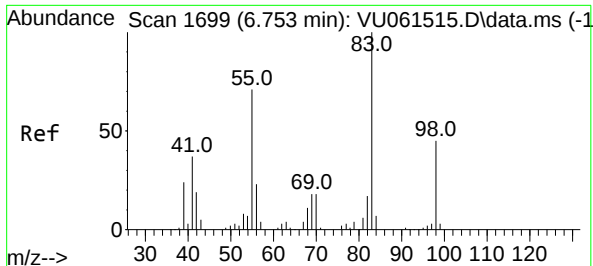
Ion Ratio Lower Upper

84 100

86 60.1 43.5 80.7

49 116.2 75.7 140.7

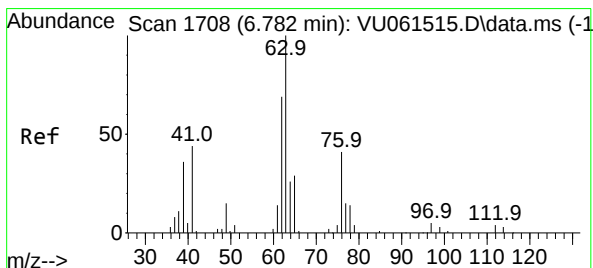
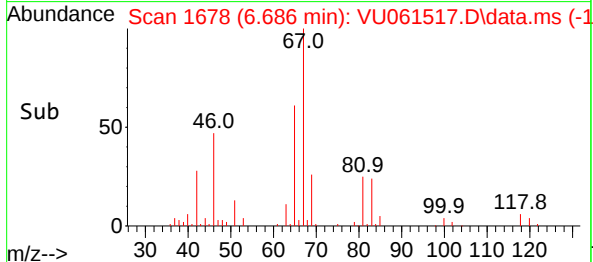
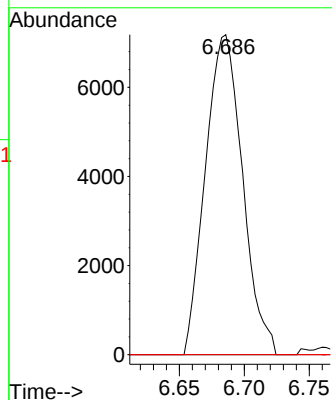
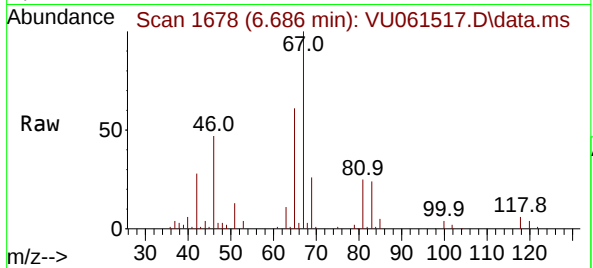




#35  
Methylcyclohexane  
Concen: 0.743 ug/L  
RT: 6.686 min Scan# 1677  
Delta R.T. -0.067 min  
Lab File: VU061517.D  
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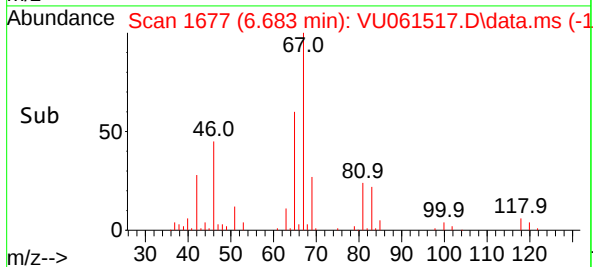
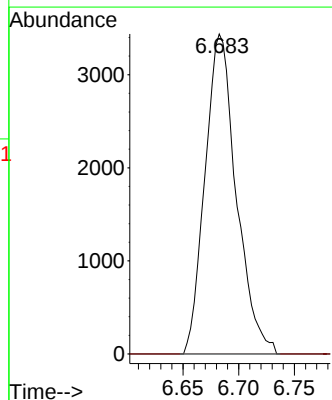
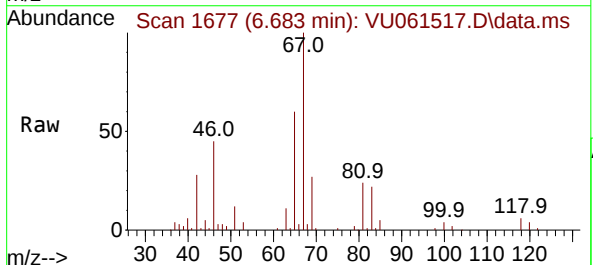
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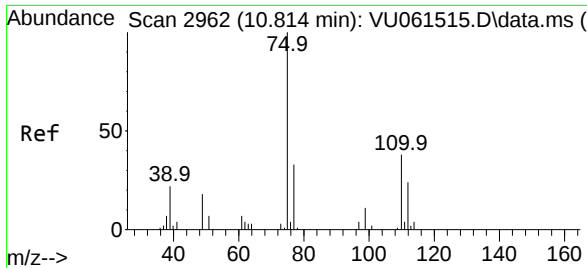
Tgt Ion: 83 Resp: 14265  
Ion Ratio Lower Upper  
83 100  
55 0.0 55.9 83.9#  
98 0.0 35.9 53.9#



#37  
1,2-Dichloropropane  
Concen: 0.597 ug/L  
RT: 6.683 min Scan# 1677  
Delta R.T. -0.099 min  
Lab File: VU061517.D  
Acq: 07 Nov 2024 11:43

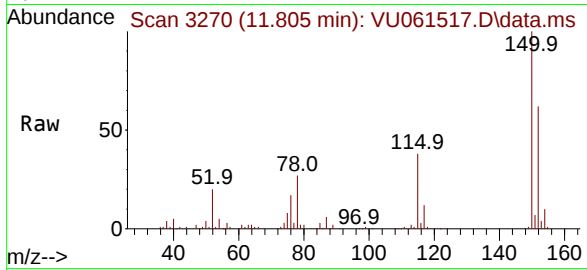
Tgt Ion: 63 Resp: 6712  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#





#61  
1,2,3-Trichloropropane  
Concen: 1.283 ug/L  
RT: 11.805 min Scan# 31  
Delta R.T. 0.991 min  
Lab File: VU061517.D  
Acq: 07 Nov 2024 11:43

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 8063  
Ion Ratio Lower Upper  
75 100  
110 1.9 28.8 43.2#  
77 34.8 25.7 38.5

