

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110724\  
 Data File : VU061524.D  
 Acq On : 07 Nov 2024 16:42  
 Operator : MD/SY  
 Sample : P4743-08  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H46R8

Quant Time: Nov 08 00:29:41 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

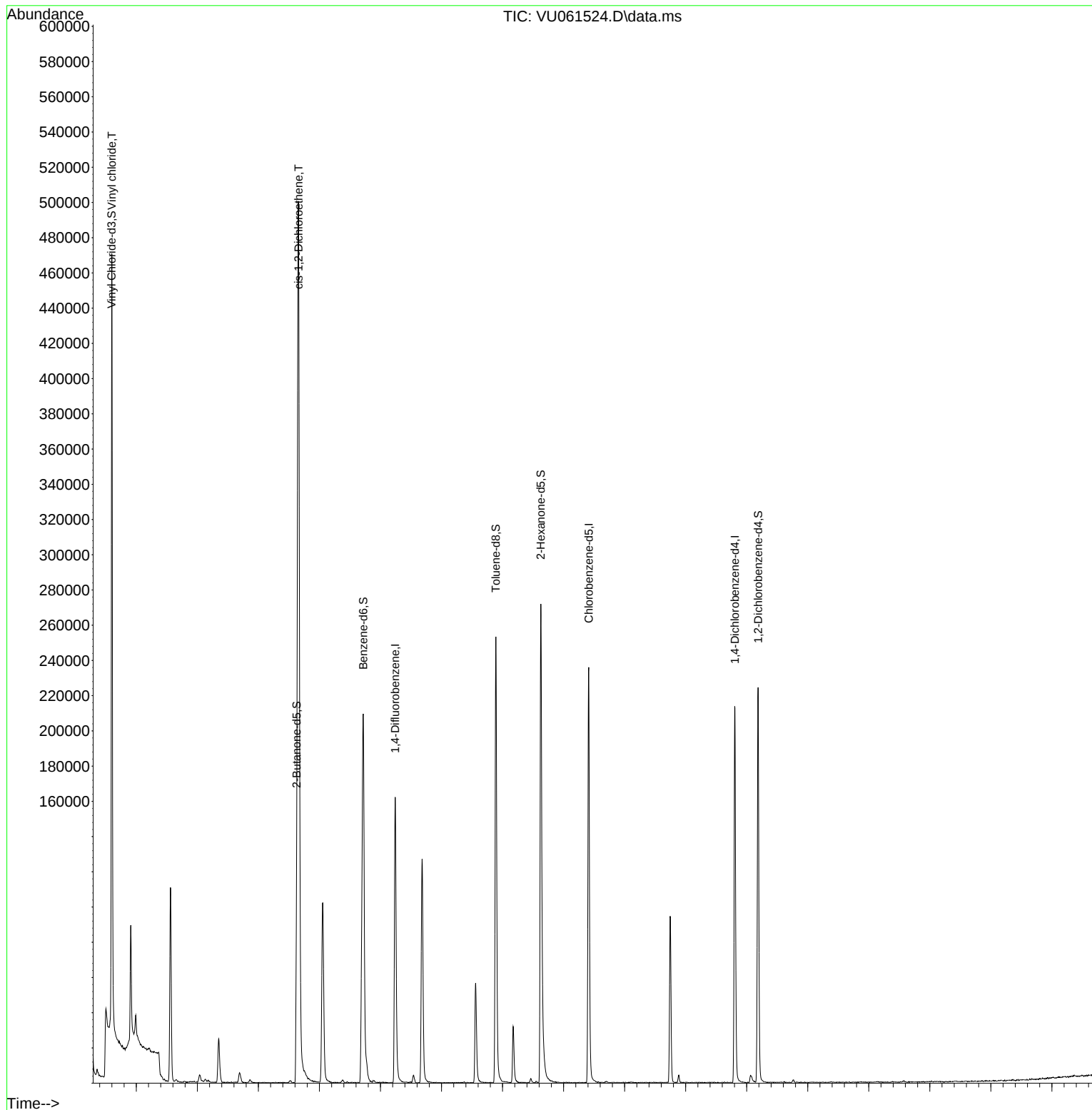
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 140912   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 135306   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 60452    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 47105    | 4.921    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 98.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 45604    | 5.197    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 104.000% |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 20915    | 5.107    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 102.200% |
| 20) 2-Butanone-d5             | 4.627  | 46    | 117095   | 60.252   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 120.500% |
| 24) Chloroform-d              | 5.052  | 84    | 99781    | 5.492    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 109.800% |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 52413    | 5.787    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 115.800% |
| 32) Benzene-d6                | 5.717  | 84    | 206173   | 5.408    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 108.200% |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 63789    | 5.565    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 111.400% |
| 41) Toluene-d8                | 7.891  | 98    | 180916   | 5.075    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 101.600% |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 19964    | 4.267    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 85.400%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 100930   | 52.668   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 105.340% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 48025    | 5.541    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 110.800% |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 60277    | 5.631    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 112.600% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 5) Vinyl chloride             | 1.599  | 62    | 257165   | 23.610   | ug/L  | 83       |
| 18) trans-1,2-Dichloroethene  | 3.351  | 96    | 9797     | 1.063    | ug/L  | 94       |
| 22) cis-1,2-Dichloroethene    | 4.656  | 96    | 262425   | 24.939   | ug/L  | 97       |
| 33) Benzene                   | 5.769  | 78    | 9236     | 0.221    | ug/L  | 100      |
| -----                         |        |       |          |          |       |          |

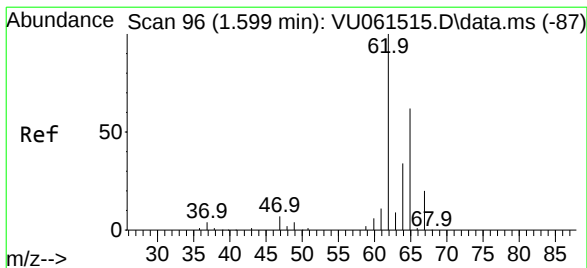
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 23.610 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU061524.D

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Instrument :

MSVOA\_U

ClientSampleId :

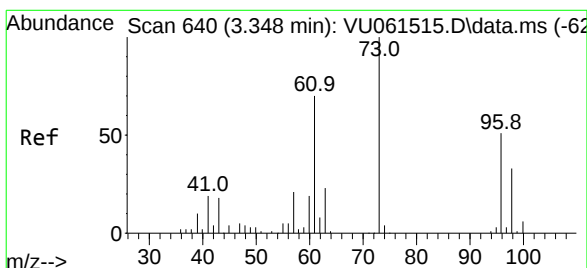
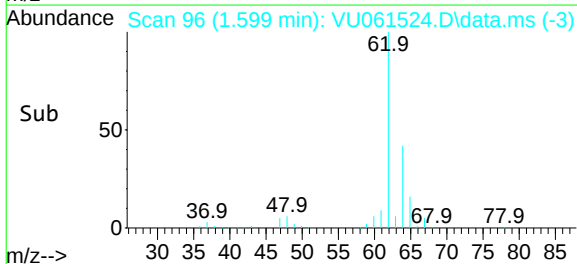
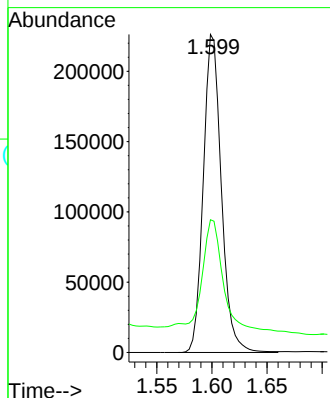
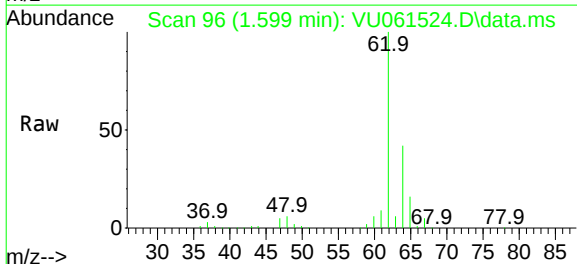
H46R8

Tgt Ion: 62 Resp: 257165

Ion Ratio Lower Upper

62 100

64 41.7 22.6 42.0



#18

trans-1,2-Dichloroethene

Concen: 1.063 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU061524.D

Acq: 07 Nov 2024 16:42

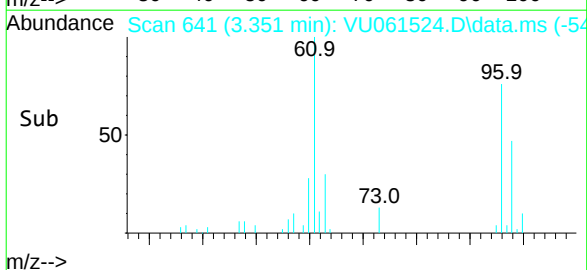
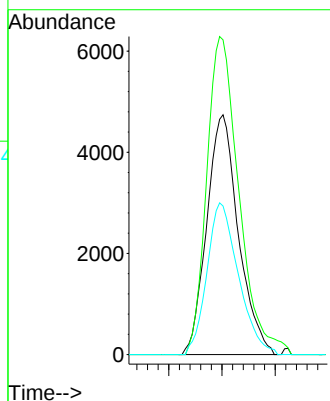
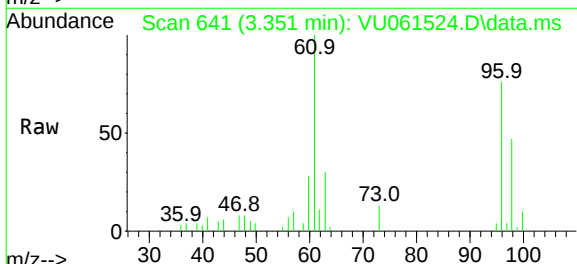
Tgt Ion: 96 Resp: 9797

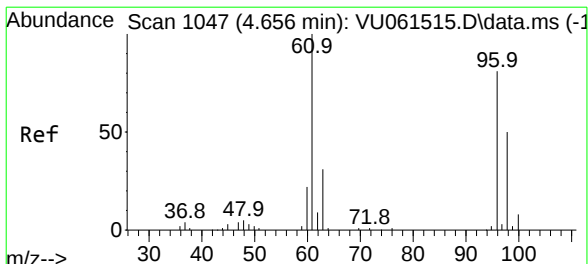
Ion Ratio Lower Upper

96 100

61 131.3 97.9 181.7

98 62.0 46.2 85.8



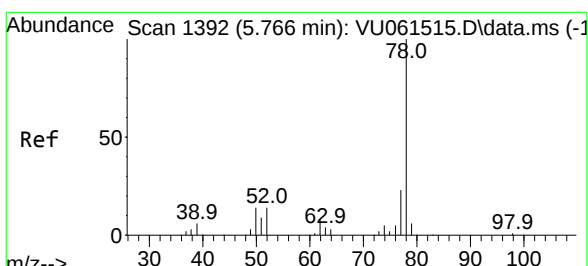
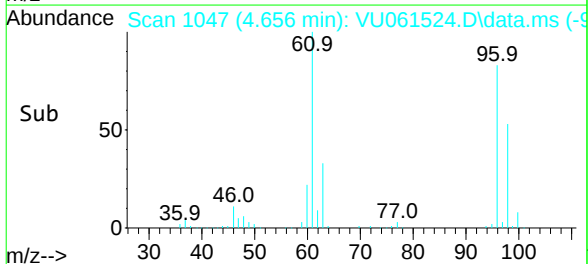
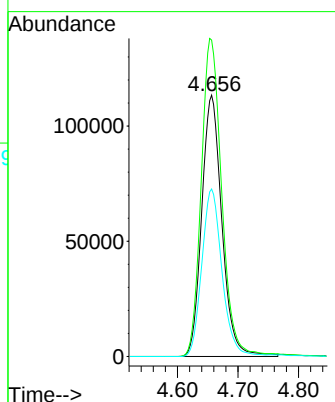
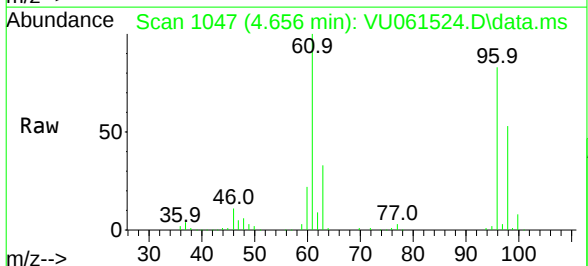


#22  
 cis-1,2-Dichloroethene  
 Concen: 24.939 ug/L  
 RT: 4.656 min Scan# 1047  
 Delta R.T. 0.000 min  
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Tgt Ion: 96 Resp: 262425

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 121.1 | 88.1  | 163.5 |
| 98  | 64.1  | 45.0  | 83.6  |



#33  
 Benzene  
 Concen: 0.221 ug/L  
 RT: 5.769 min Scan# 1393  
 Delta R.T. 0.003 min  
 Lab File: VU061524.D  
 Acq: 07 Nov 2024 16:42

Tgt Ion: 78 Resp: 9236

