

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070324\  
 Data File : VU059777.D  
 Acq On : 03 Jul 2024 07:06  
 Operator : MD/SY  
 Sample : P3122-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COBN7

Quant Time: Jul 04 00:54:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jul 03 06:10:28 2024  
 Response via : Initial Calibration

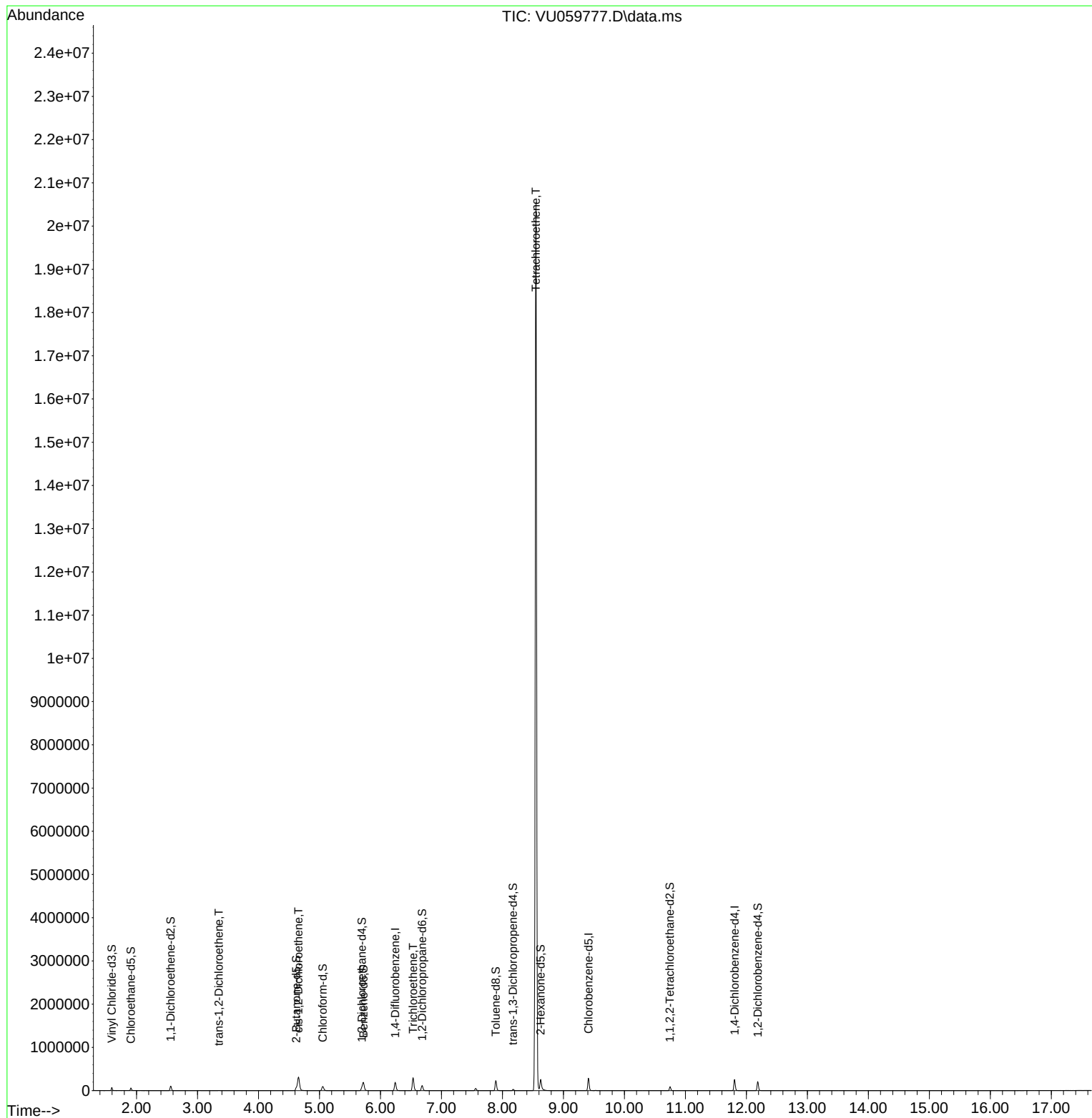
| Compound                      | R.T.   | QIon           | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|---------|---------|----------|
| Internal Standards            |        |                |          |         |         |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 165545   | 5.000   | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 170765   | 5.000   | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 75563    | 5.000   | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |         |         |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 52492    | 4.560   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =       | 91.200% |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 45009    | 4.064   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =       | 81.200% |          |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65             | 19634    | 4.111   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =       | 82.200% |          |
| 20) 2-Butanone-d5             | 4.621  | 46             | 97886    | 41.282  | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =       | 82.560% |          |
| 24) Chloroform-d              | 5.055  | 84             | 92593    | 3.919   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 78.400% |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 45926    | 4.035   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 80.800% |          |
| 32) Benzene-d6                | 5.721  | 84             | 192652   | 4.099   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 82.000% |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 59605    | 4.139   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =       | 82.800% |          |
| 41) Toluene-d8                | 7.891  | 98             | 162775   | 3.726   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 74.600% |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 18004    | 3.992   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =       | 79.800% |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 89780    | 47.916  | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =       | 95.840% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84             | 47373    | 3.981   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =       | 79.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 60494    | 4.498   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =       | 90.000% |          |
| Target Compounds              |        |                |          |         |         |          |
| 18) trans-1,2-Dichloroethene  | 3.351  | 96             | 1488     | 0.122   | ug/L    | # 76     |
| 22) cis-1,2-Dichloroethene    | 4.656  | 96             | 171173   | 12.718  | ug/L    | 94       |
| 34) Trichloroethene           | 6.534  | 95             | 104844   | 7.466   | ug/L    | 97       |
| 47) Tetrachloroethene         | 8.550  | 164            | 4557192  | 418.181 | ug/L    | 96       |

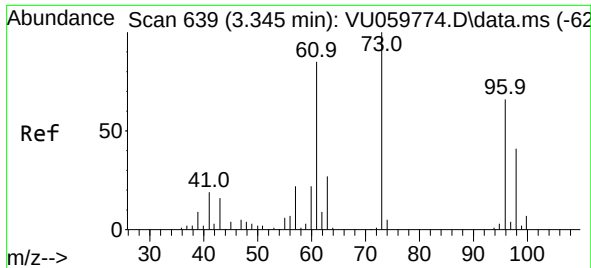
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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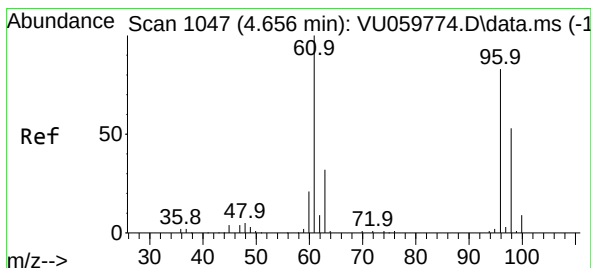
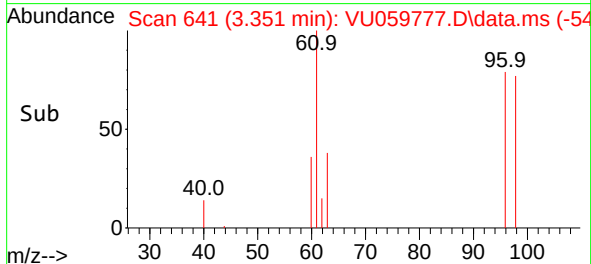
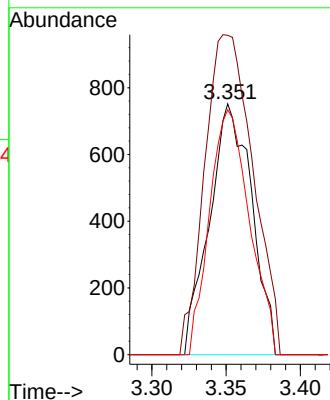
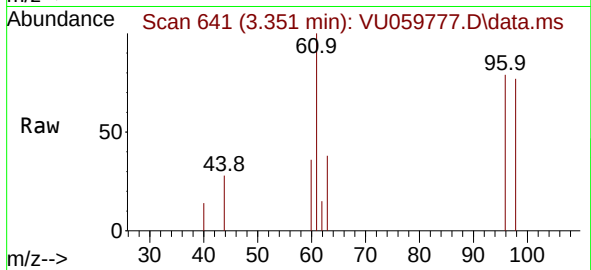




#18  
trans-1,2-Dichloroethene  
Concen: 0.122 ug/L  
RT: 3.351 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VU059777.D  
Acq: 03 Jul 2024 07:06

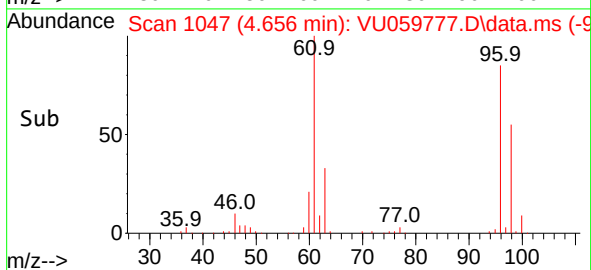
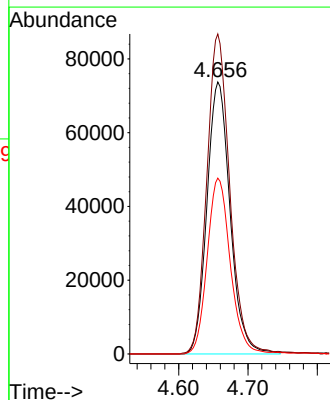
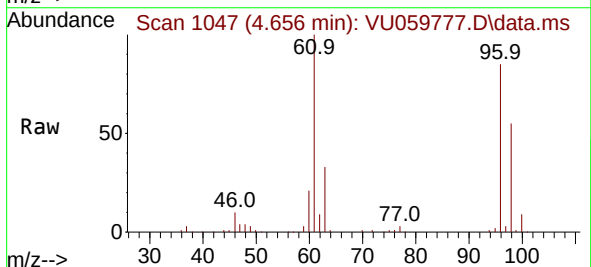
Instrument :  
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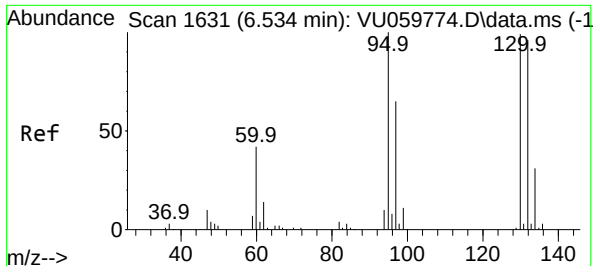
Tgt Ion: 96 Resp: 1488  
Ion Ratio Lower Upper  
96 100  
61 127.3 101.8 189.0  
98 97.6 43.3 80.5#



#22  
cis-1,2-Dichloroethene  
Concen: 12.718 ug/L  
RT: 4.656 min Scan# 1047  
Delta R.T. -0.000 min  
Lab File: VU059777.D  
Acq: 03 Jul 2024 07:06

Tgt Ion: 96 Resp: 171173  
Ion Ratio Lower Upper  
96 100  
61 117.6 87.4 162.2  
98 64.6 42.3 78.5

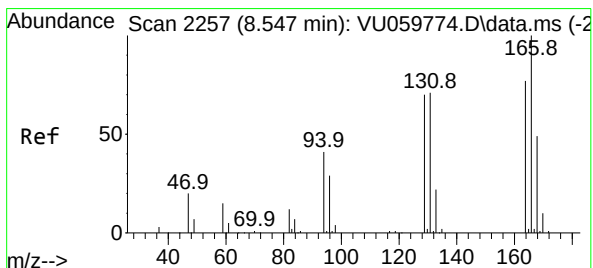
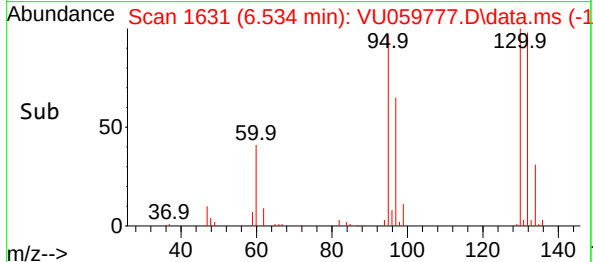
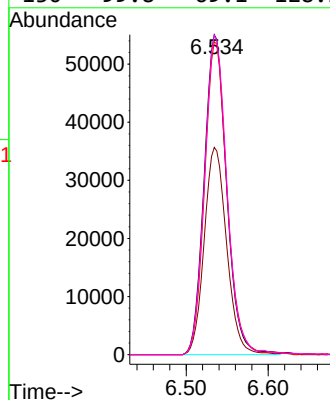
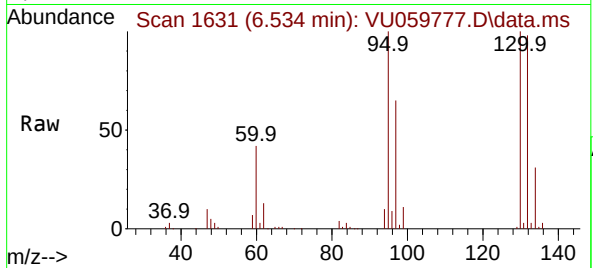




#34  
Trichloroethene  
Concen: 7.466 ug/L  
RT: 6.534 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VU059777.D  
Acq: 03 Jul 2024 07:06

Instrument :  
MSVOA\_U  
ClientSampleId :  
COBN7

Tgt Ion: 95 Resp: 104844  
Ion Ratio Lower Upper  
95 100  
97 64.8 45.3 84.1  
132 97.8 64.0 119.0  
130 99.8 69.1 128.3



#47  
Tetrachloroethene  
Concen: 418.181 ug/L  
RT: 8.550 min Scan# 2258  
Delta R.T. 0.003 min  
Lab File: VU059777.D  
Acq: 03 Jul 2024 07:06

Tgt Ion: 164 Resp: 4557192  
Ion Ratio Lower Upper  
164 100  
129 94.8 70.8 131.4  
131 90.9 64.8 120.3  
166 126.9 91.1 169.1

