

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121324\  
 Data File : VU062313.D  
 Acq On : 13 Dec 2024 15:22  
 Operator : MD/SY  
 Sample : P5269-01  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F7J36

Quant Time: Dec 14 03:50:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Dec 14 03:45:56 2024  
 Response via : Initial Calibration

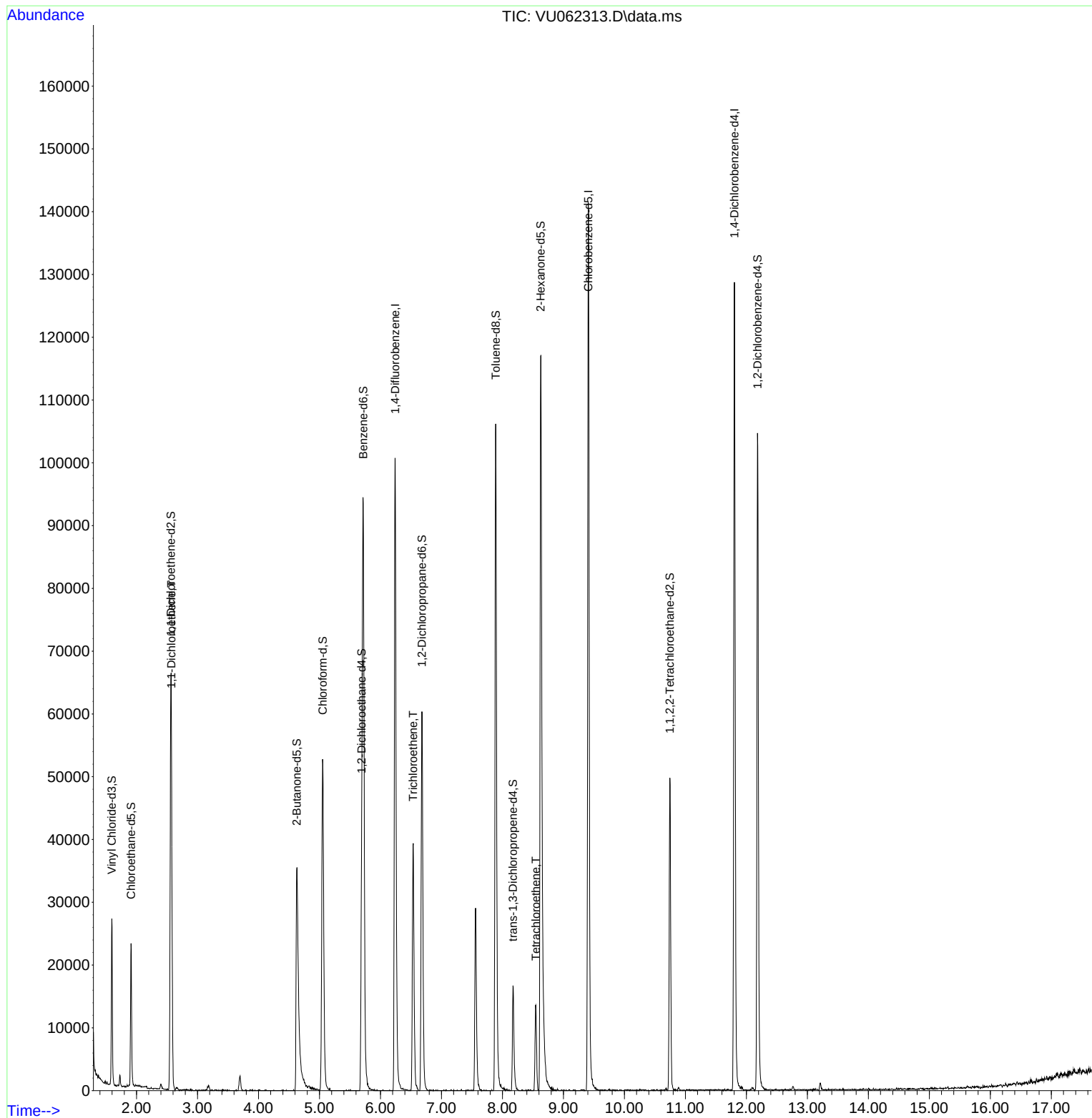
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 86886    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117            | 83392    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152            | 37581    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 18170    | 3.100  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 62.000%  |          |
| 7) Chloroethane-d5            | 1.911  | 69             | 16144    | 3.873  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 77.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 9268     | 3.324  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 66.400%  |          |
| 20) 2-Butanone-d5             | 4.628  | 46             | 57399    | 51.105 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 102.200% |          |
| 24) Chloroform-d              | 5.052  | 84             | 52172    | 4.113  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 82.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65             | 29370    | 4.709  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 94.200%  |          |
| 32) Benzene-d6                | 5.718  | 84             | 90334    | 3.761  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 75.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67             | 28080    | 4.086  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 81.800%  |          |
| 41) Toluene-d8                | 7.891  | 98             | 77378    | 3.410  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 68.200%# |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 11124    | 3.677  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 73.600%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 45112    | 49.433 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 98.860%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84             | 24797    | 4.637  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 92.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152            | 30309    | 4.377  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 87.600%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.573  | 96             | 10685    | 1.821  | ug/L     | # 62     |
| 34) Trichloroethene           | 6.534  | 95             | 13641    | 1.863  | ug/L     | 86       |
| 47) Tetrachloroethene         | 8.547  | 164            | 3322     | 0.588  | ug/L     | 92       |
| -----                         |        |                |          |        |          |          |

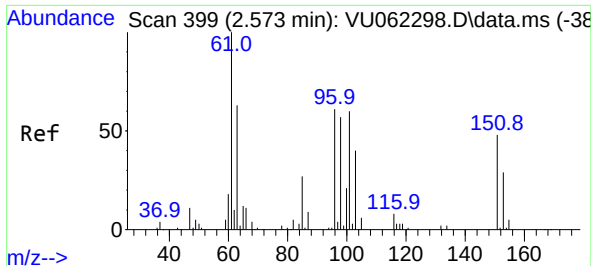
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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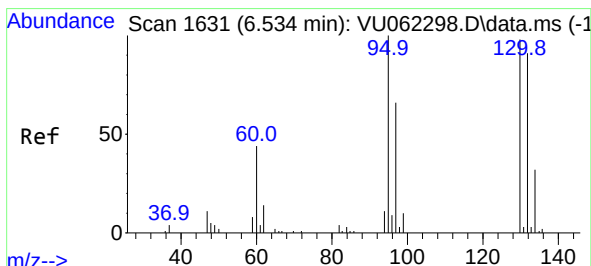
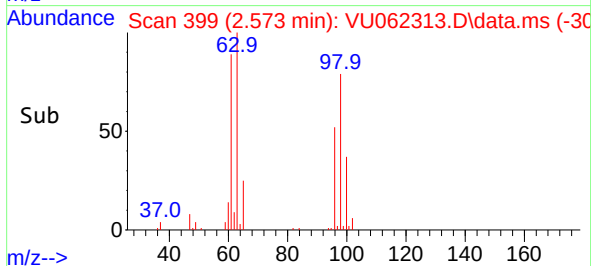
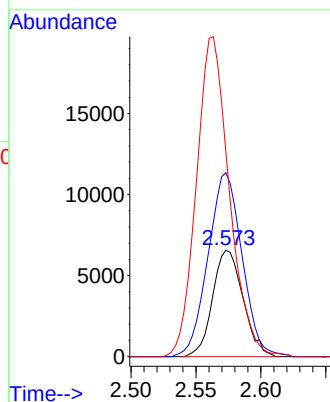
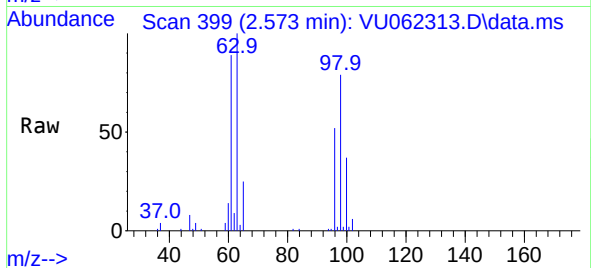




#12  
1,1-Dichloroethene  
Concen: 1.821 ug/L  
RT: 2.573 min Scan# 399  
Delta R.T. 0.000 min  
Lab File: VU062313.D  
Acq: 13 Dec 2024 15:22

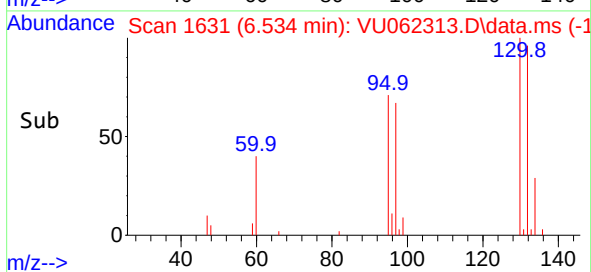
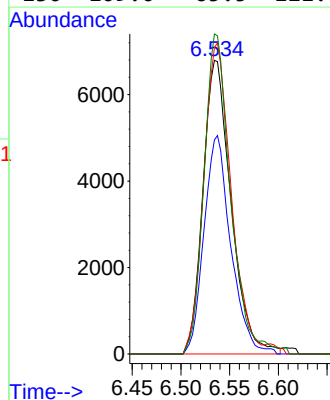
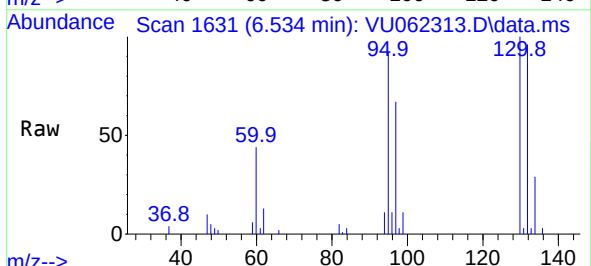
Instrument :  
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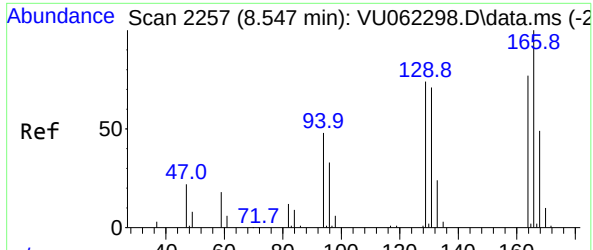
Tgt Ion: 96 Resp: 10685  
Ion Ratio Lower Upper  
96 100  
61 172.8 119.6 222.2  
63 193.3 65.0 120.6#



#34  
Trichloroethene  
Concen: 1.863 ug/L  
RT: 6.534 min Scan# 1631  
Delta R.T. 0.000 min  
Lab File: VU062313.D  
Acq: 13 Dec 2024 15:22

Tgt Ion: 95 Resp: 13641  
Ion Ratio Lower Upper  
95 100  
97 73.0 45.9 85.3  
132 104.4 63.8 118.4  
130 109.0 65.5 121.7





#47  
Tetrachloroethene  
Concen: 0.588 ug/L  
RT: 8.547 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU062313.D  
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Instrument :  
MSVOA\_U  
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Tgt Ion:164 Resp: 3322

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 97.0  | 73.2  | 136.0 |
| 131 | 85.4  | 72.3  | 134.3 |
| 166 | 128.4 | 90.2  | 167.4 |

