

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122024\  
 Data File : VU062514.D  
 Acq On : 20 Dec 2024 10:53  
 Operator : MD/SY  
 Sample : P5308-08DL 5X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CC8DL

Quant Time: Dec 20 22:33:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 20 22:32:26 2024  
 Response via : Initial Calibration

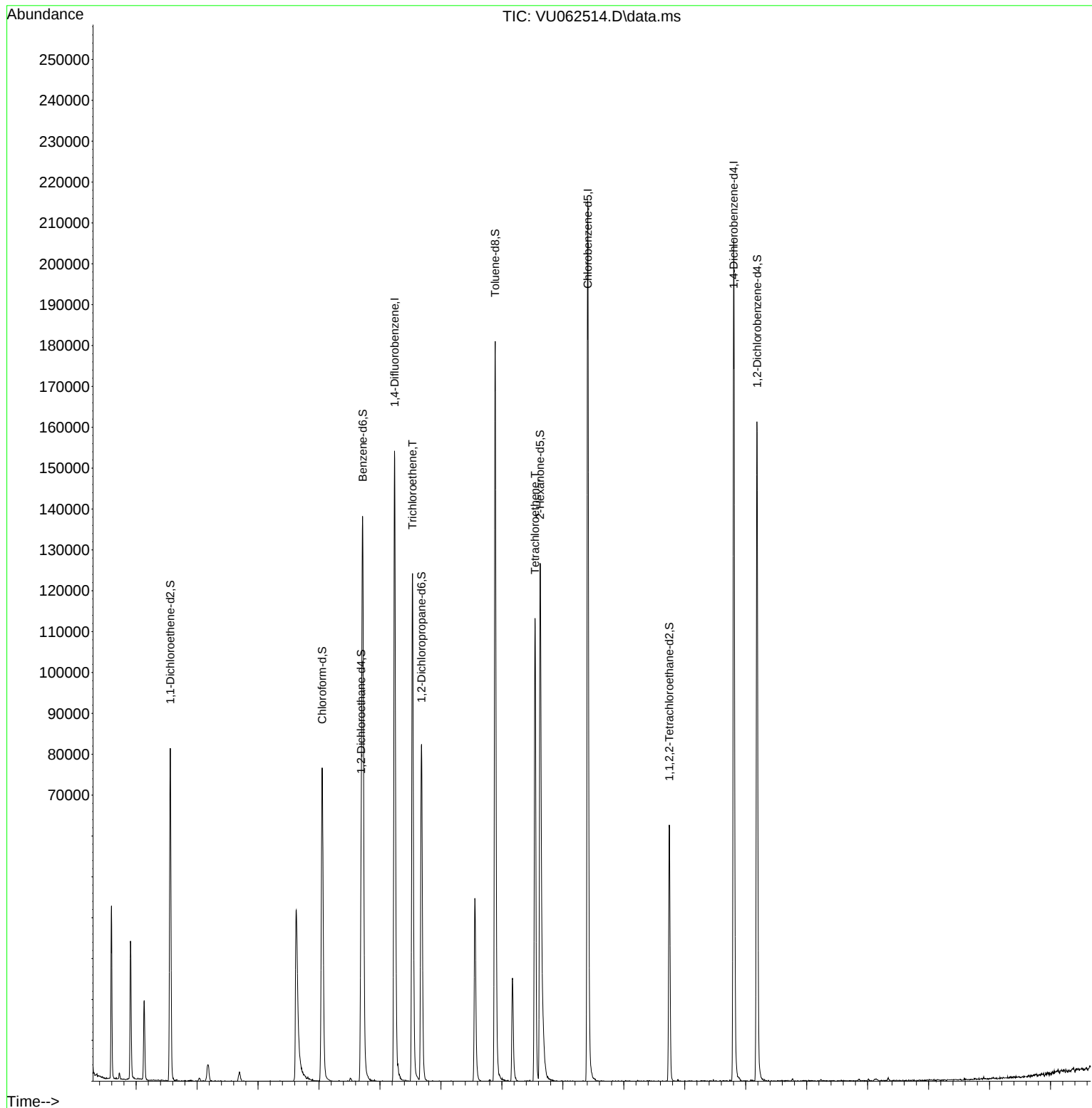
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 130200   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 125057   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 57328    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 29491    | 3.358    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 67.200%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 24388    | 3.904    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 78.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 15302    | 3.663    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 73.200%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 58968    | 35.036   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 70.080%  |
| 24) Chloroform-d              | 5.052  | 84    | 74535    | 3.922    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 78.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 42407    | 4.537    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 90.800%  |
| 32) Benzene-d6                | 5.718  | 84    | 131113   | 3.640    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 72.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 37854    | 3.673    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 73.400%  |
| 41) Toluene-d8                | 7.891  | 98    | 126226   | 3.710    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 74.200%  |
| 43) trans-1,3-Dichloroprop... | 8.171  | 79    | 16499    | 3.637    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 72.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 44845    | 32.769   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 65.540%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 28549    | 3.560    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 71.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 46360    | 4.388    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 87.800%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 9) Trichlorofluoromethane     | 2.133  | 101   | 13263    | 0.768    | ug/L  | 100      |
| 34) Trichloroethene           | 6.534  | 95    | 43695    | 3.980    | ug/L  | 97       |
| 47) Tetrachloroethene         | 8.544  | 164   | 26161    | 3.086    | ug/L  | 91       |
| -----                         |        |       |          |          |       |          |

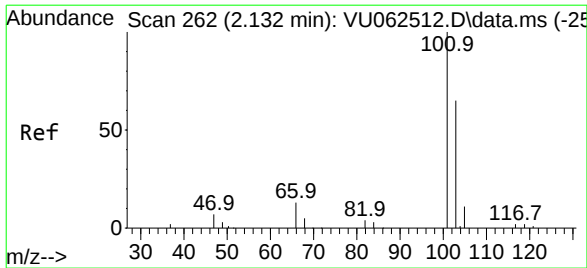
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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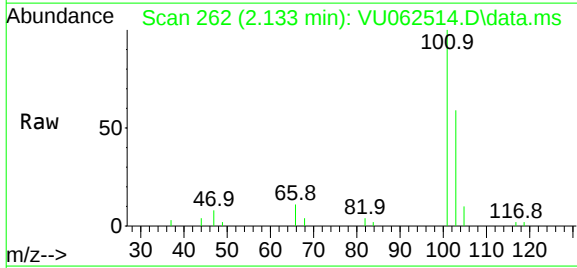
Quant Time: Dec 20 22:33:04 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
Quant Title : TRACE VOA SFAM1.0  
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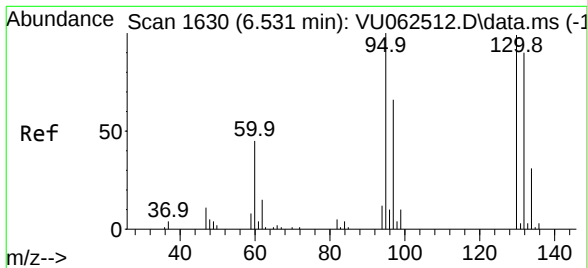
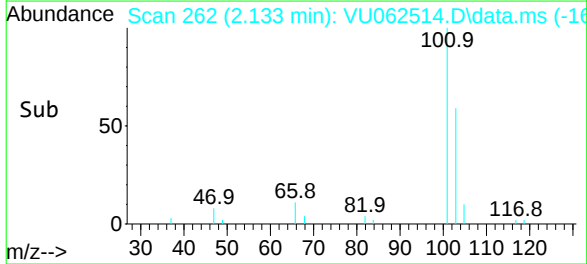
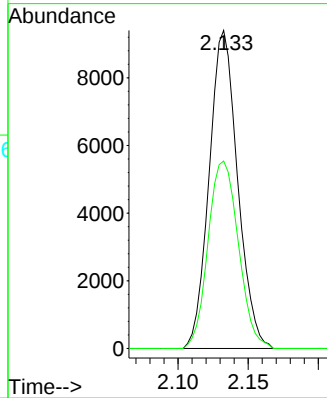


#9  
Trichlorofluoromethane  
Concen: 0.768 ug/L  
RT: 2.133 min Scan# 262  
Delta R.T. 0.000 min  
Lab File: VU062514.D  
Acq: 20 Dec 2024 10:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0CC8DL

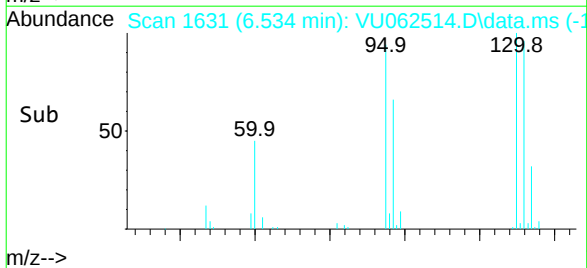
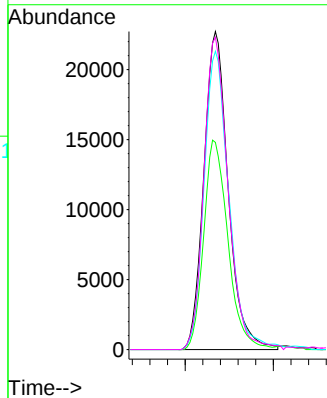
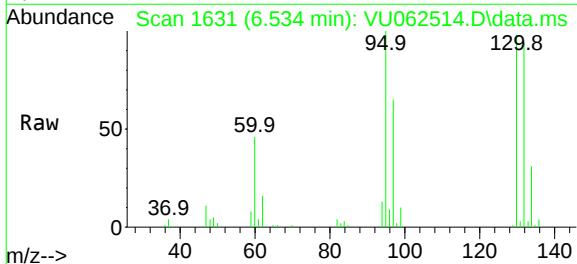


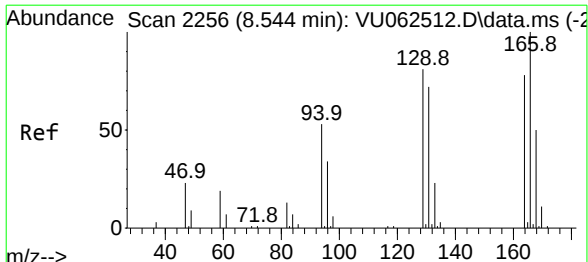
Tgt Ion: 101 Resp: 13263  
Ion Ratio Lower Upper  
101 100  
103 62.9 50.6 75.8



#34  
Trichloroethene  
Concen: 3.980 ug/L  
RT: 6.534 min Scan# 1631  
Delta R.T. 0.003 min  
Lab File: VU062514.D  
Acq: 20 Dec 2024 10:53

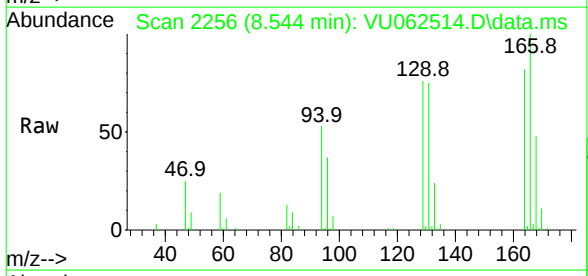
Tgt Ion: 95 Resp: 43695  
Ion Ratio Lower Upper  
95 100  
97 65.1 45.9 85.3  
132 93.8 63.8 118.4  
130 98.2 65.5 121.7





#47  
 Tetrachloroethene  
 Concen: 3.086 ug/L  
 RT: 8.544 min Scan# 22  
 Delta R.T. 0.000 min  
 Lab File: VU062514.D  
 Acq: 20 Dec 2024 10:53

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 26161 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 92.7  | 73.2  | 136.0 |
| 131      | 92.1  | 72.3  | 134.3 |
| 166      | 122.6 | 90.2  | 167.4 |

