

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121924\  
 Data File : VU062506.D  
 Acq On : 20 Dec 2024 06:48  
 Operator : MD/SY  
 Sample : P5345-04  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CK2

Quant Time: Dec 20 07:03:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR120924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 20 01:26:48 2024  
 Response via : Initial Calibration

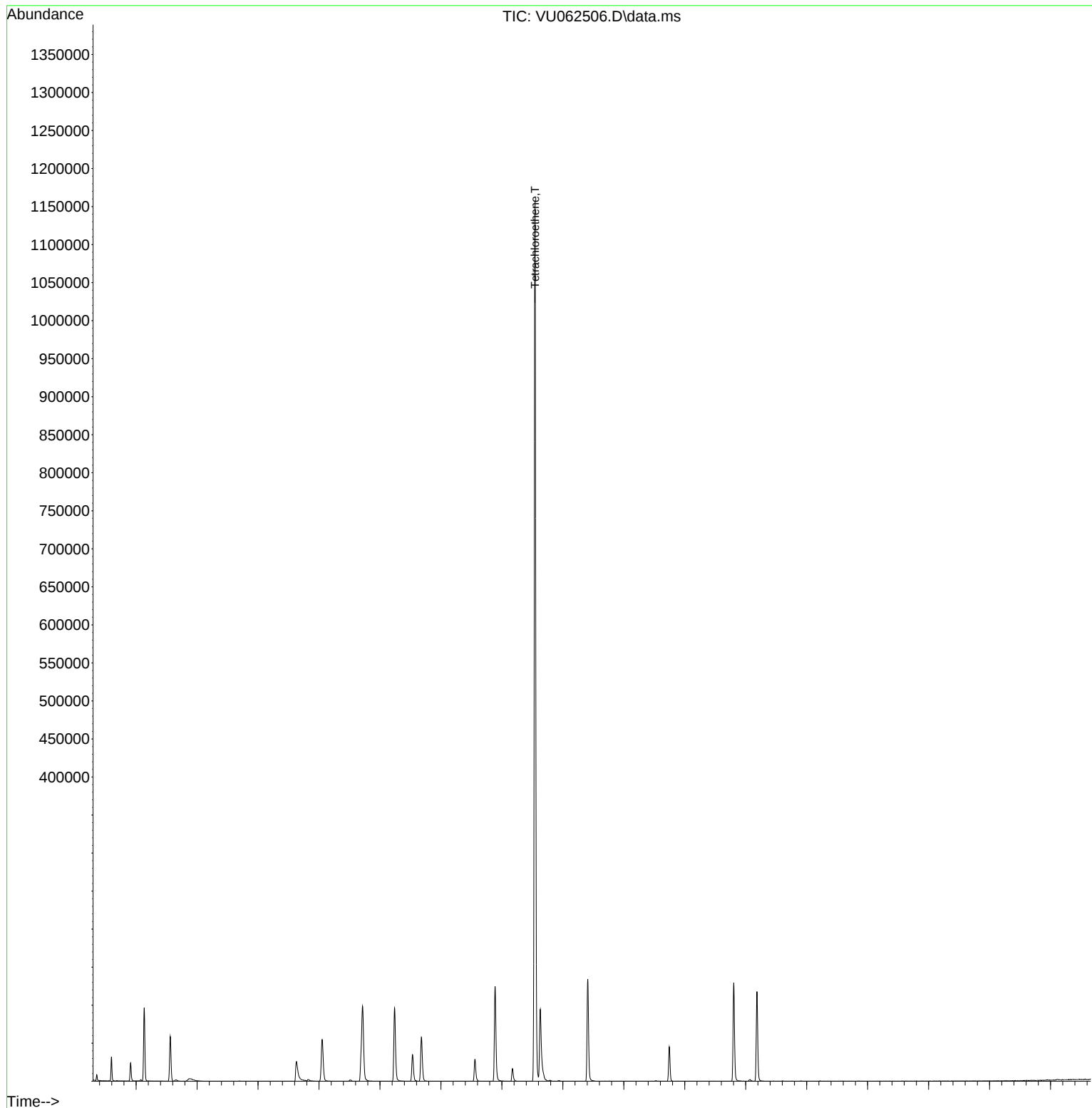
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 81428    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 78115    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 36895    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 21516    | 3.917    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 78.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 17523    | 4.485    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 89.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 11242    | 4.302    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 86.000%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 41329    | 39.263   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 78.520%  |
| 24) Chloroform-d              | 5.052  | 84    | 54356    | 4.573    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 91.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 28990    | 4.960    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 99.200%  |
| 32) Benzene-d6                | 5.718  | 84    | 93053    | 4.136    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 82.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 26203    | 4.070    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 81.400%  |
| 41) Toluene-d8                | 7.888  | 98    | 89208    | 4.197    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 84.000%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 11295    | 3.986    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 79.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 32727    | 38.285   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 76.560%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 21612    | 4.315    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 86.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 32667    | 4.805    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 96.000%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 9) Trichlorofluoromethane     | 2.133  | 101   | 63871    | 5.912    | ug/L  | 97       |
| 13) Acetone                   | 2.650  | 43    | 3517     | 4.907    | ug/L  | 91       |
| 34) Trichloroethene           | 6.534  | 95    | 12965    | 1.891    | ug/L  | 96       |
| 47) Tetrachloroethene         | 8.544  | 164   | 252371   | 47.667   | ug/L  | 96       |
| -----                         |        |       |          |          |       |          |

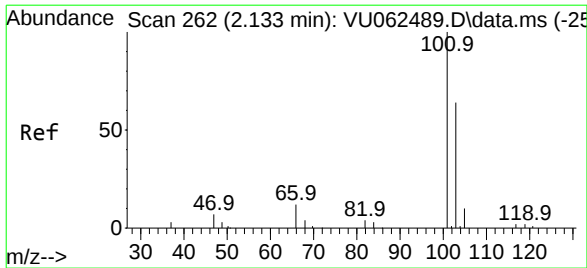
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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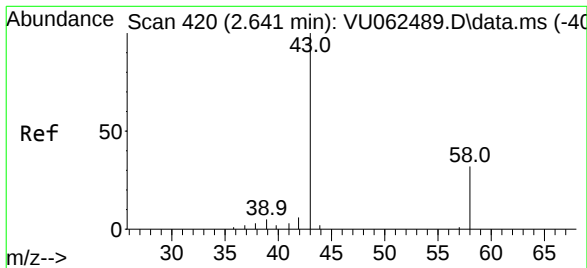
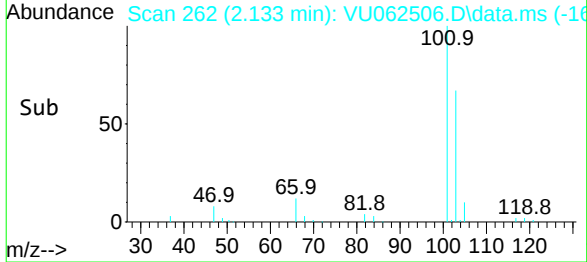
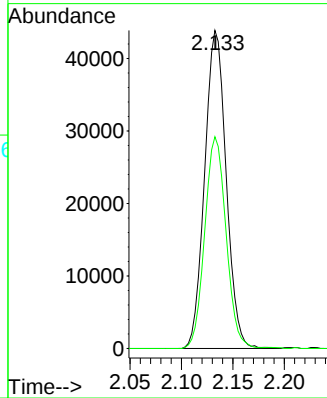
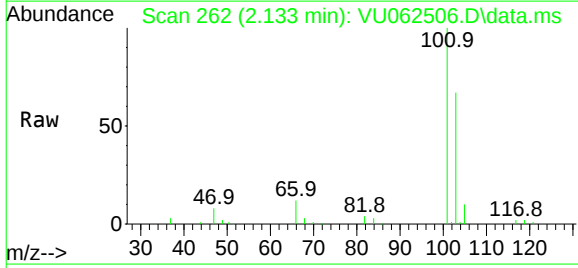




#9  
Trichlorofluoromethane  
Concen: 5.912 ug/L  
RT: 2.133 min Scan# 26  
Delta R.T. -0.000 min  
Lab File: VU062506.D  
Acq: 20 Dec 2024 06:48

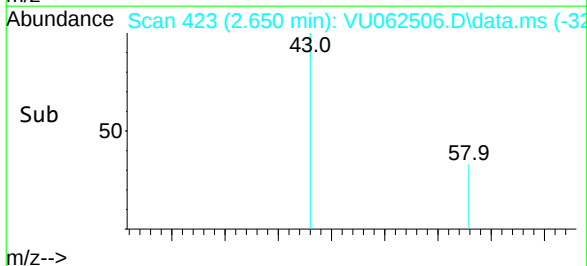
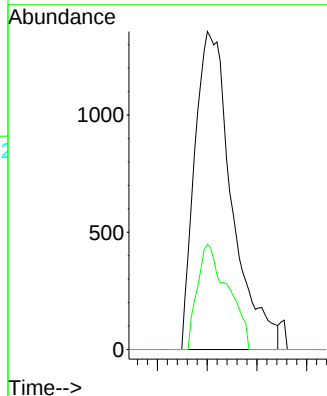
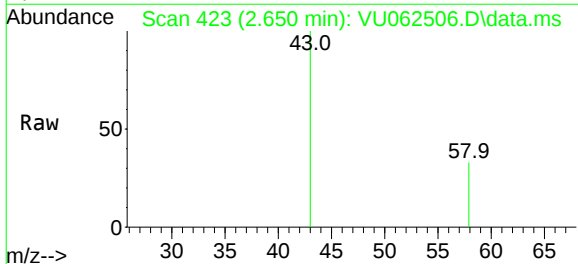
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0CK2

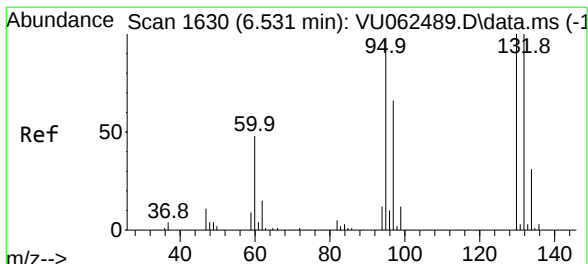
Tgt Ion:101 Resp: 63871  
Ion Ratio Lower Upper  
101 100  
103 65.9 50.6 75.8



#13  
Acetone  
Concen: 4.907 ug/L  
RT: 2.650 min Scan# 423  
Delta R.T. 0.010 min  
Lab File: VU062506.D  
Acq: 20 Dec 2024 06:48

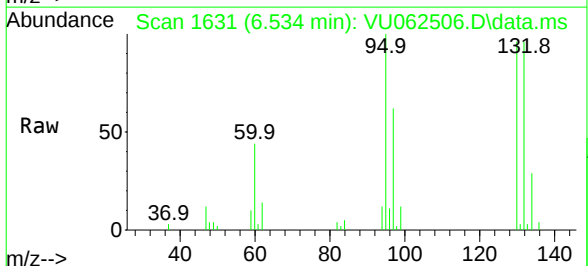
Tgt Ion: 43 Resp: 3517  
Ion Ratio Lower Upper  
43 100  
58 27.1 0.0 64.0





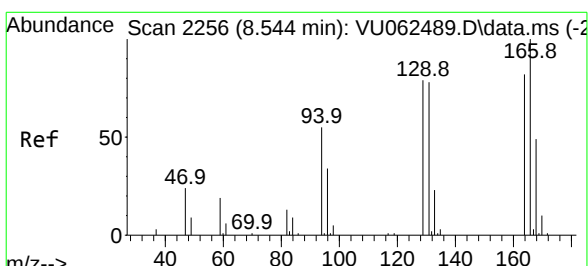
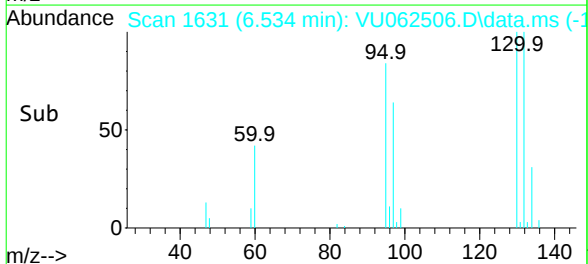
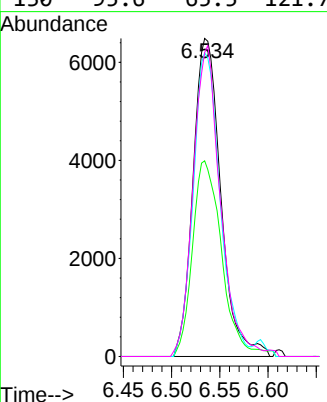
#34  
 Trichloroethene  
 Concen: 1.891 ug/L  
 RT: 6.534 min Scan# 1630  
 Delta R.T. 0.003 min  
 Lab File: VU062506.D  
 Acq: 20 Dec 2024 06:48

Instrument :  
 MSVOA\_U  
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Tgt Ion: 95 Resp: 12965

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 61.5  | 45.9  | 85.3  |
| 132 | 95.5  | 63.8  | 118.4 |
| 130 | 95.6  | 65.5  | 121.7 |



#47  
 Tetrachloroethene  
 Concen: 47.667 ug/L  
 RT: 8.544 min Scan# 2256  
 Delta R.T. -0.000 min  
 Lab File: VU062506.D  
 Acq: 20 Dec 2024 06:48

Tgt Ion: 164 Resp: 252371

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 98.9  | 73.2  | 136.0 |
| 131 | 96.0  | 72.3  | 134.3 |
| 166 | 130.0 | 90.2  | 167.4 |

