

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102221\  
 Data File : VX024884.D  
 Acq On : 22 Oct 2021 20:10  
 Operator : JC/MD  
 Sample : M4291-15  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 P031-TW001-01

Quant Time: Oct 23 03:57:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR102221WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 23 03:44:55 2021  
 Response via : Initial Calibration

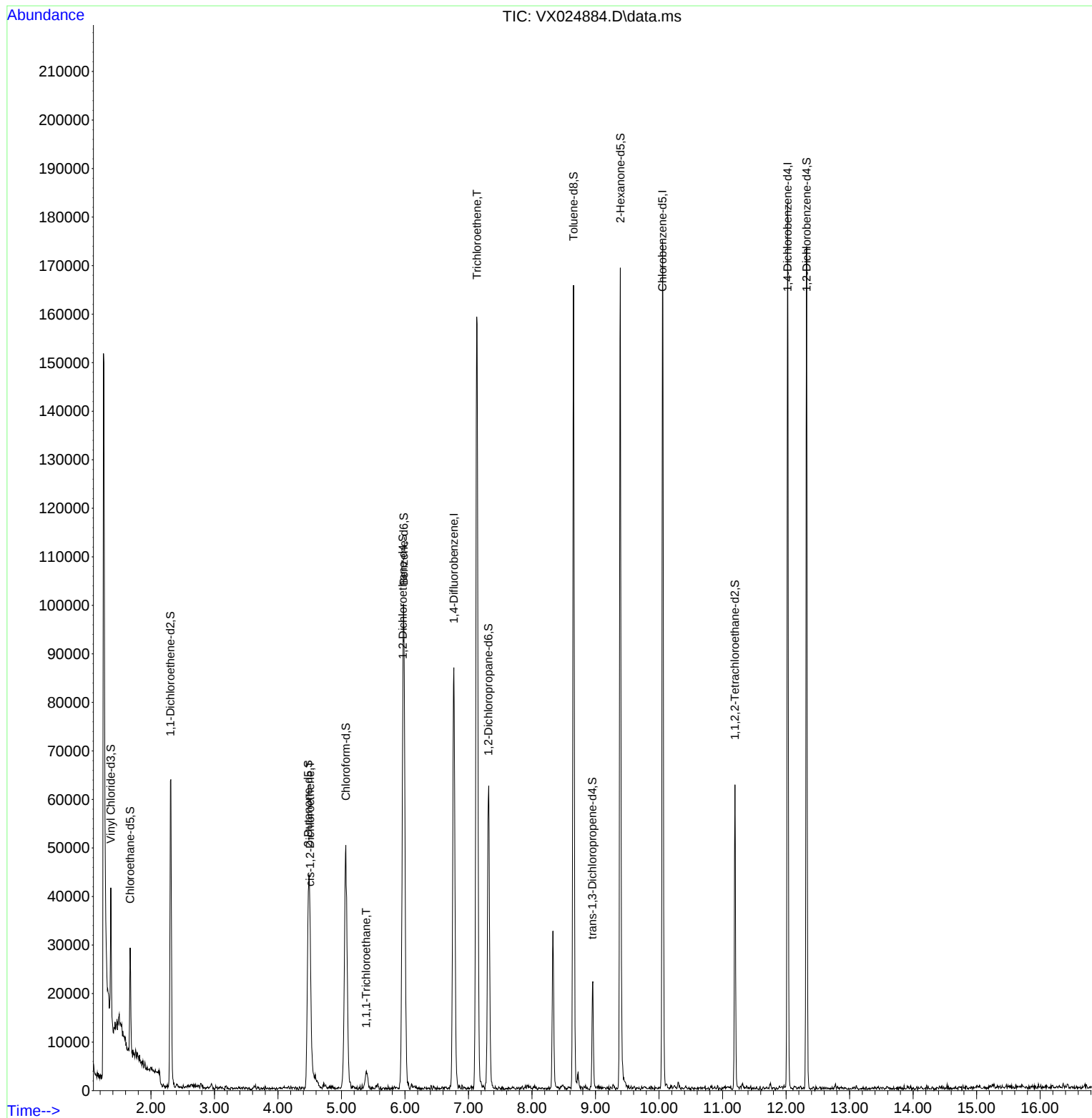
| Compound                      | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                         |        |       |          |          |             |          |
| Internal Standards            |        |       |          |          |             |          |
| 1) 1,4-Difluorobenzene        | 6.769  | 114   | 79023    | 5.000    | ug/L        | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117   | 74974    | 5.000    | ug/L        | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 33782    | 5.000    | ug/L        | 0.00     |
|                               |        |       |          |          |             |          |
| System Monitoring Compounds   |        |       |          |          |             |          |
| 4) Vinyl Chloride-d3          | 1.368  | 65    | 16162    | 6.967    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | = 139.400%# |          |
| 7) Chloroethane-d5            | 1.672  | 69    | 14595    | 6.982    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | = 139.600%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.307  | 63    | 37677    | 4.357    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | = 87.200%   |          |
| 20) 2-Butanone-d5             | 4.477  | 46    | 57339    | 67.601   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | = 135.200%# |          |
| 24) Chloroform-d              | 5.068  | 84    | 62453    | 5.592    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | = 111.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.964  | 65    | 34840    | 5.708    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | = 114.200%  |          |
| 32) Benzene-d6                | 5.983  | 84    | 98471    | 5.637    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | = 112.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 7.312  | 67    | 31780    | 5.702    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | = 114.000%  |          |
| 41) Toluene-d8                | 8.653  | 98    | 93026    | 5.311    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | = 106.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.952  | 79    | 11719    | 4.581    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | = 91.600%   |          |
| 46) 2-Hexanone-d5             | 9.391  | 63    | 50814    | 55.193   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | = 110.380%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84    | 23200    | 5.446    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | = 109.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152   | 30074    | 5.283    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | = 105.600%  |          |
|                               |        |       |          |          |             |          |
| Target Compounds              |        |       |          |          |             | Qvalue   |
| 22) cis-1,2-Dichloroethene    | 4.507  | 96    | 12464    | 2.058    | ug/L        | 79       |
| 29) 1,1,1-Trichloroethane     | 5.385  | 97    | 3314     | 0.255    | ug/L #      | 59       |
| 34) Trichloroethene           | 7.135  | 95    | 67465    | 9.456    | ug/L        | 95       |
| -----                         |        |       |          |          |             |          |

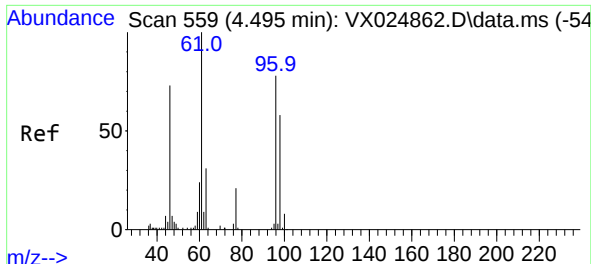
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Oct 23 03:44:55 2021  
Response via : Initial Calibration

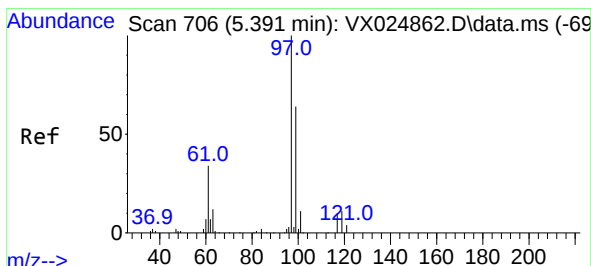
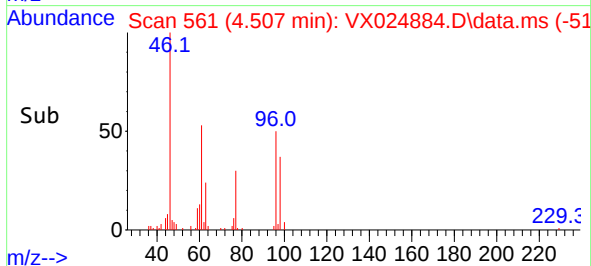
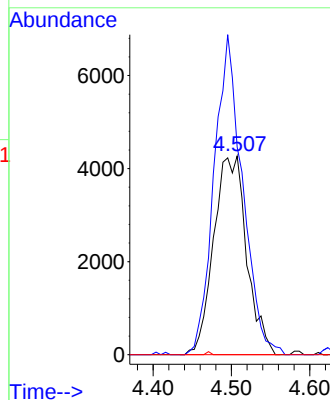
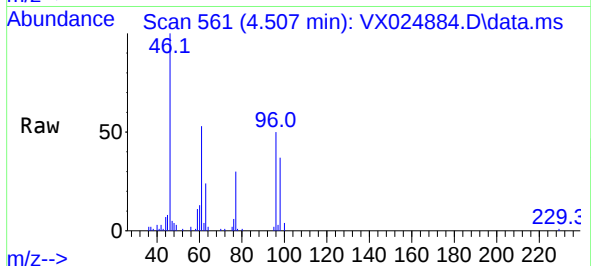




#22  
cis-1,2-Dichloroethene  
Concen: 2.058 ug/L  
RT: 4.507 min Scan# 561  
Delta R.T. 0.012 min  
Lab File: VX024884.D  
Acq: 22 Oct 2021 20:10

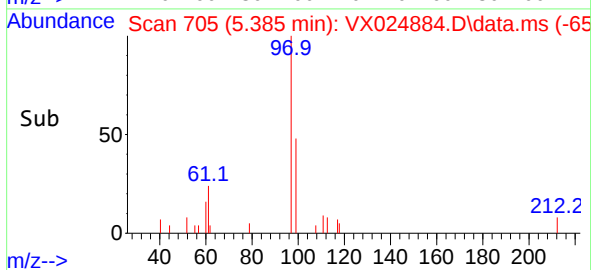
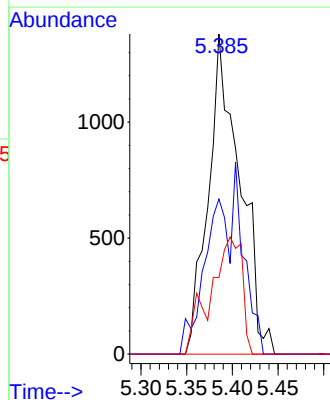
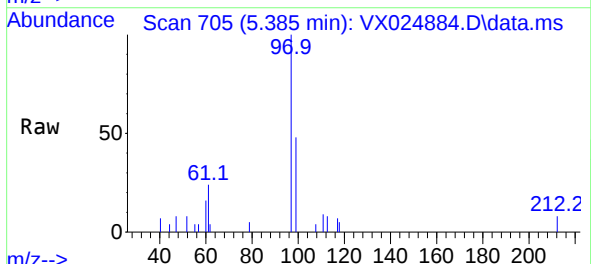
Instrument :  
MSVOA\_X  
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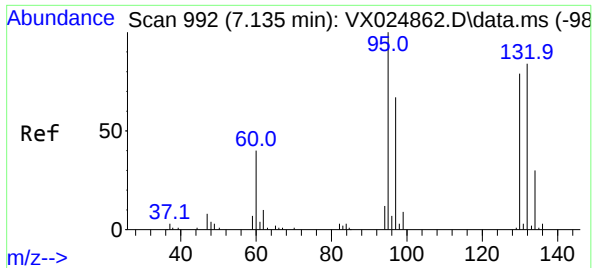
Tgt Ion: 96 Resp: 12464  
Ion Ratio Lower Upper  
96 100  
61 104.5 90.3 167.7  
68 0.0 0.0 0.0



#29  
1,1,1-Trichloroethane  
Concen: 0.255 ug/L  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX024884.D  
Acq: 22 Oct 2021 20:10

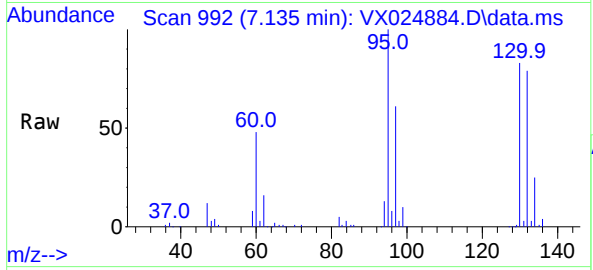
Tgt Ion: 97 Resp: 3314  
Ion Ratio Lower Upper  
97 100  
99 38.2 50.2 75.4#  
61 0.0 27.0 40.6#





#34  
Trichloroethene  
Concen: 9.456 ug/L  
RT: 7.135 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VX024884.D  
Acq: 22 Oct 2021 20:10

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Tgt Ion: 95 Resp: 67465

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 61.0  | 46.6  | 86.6  |
| 132 | 79.2  | 58.4  | 108.6 |
| 130 | 82.6  | 55.4  | 103.0 |

