

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081822\  
 Data File : VX030679.D  
 Acq On : 18 Aug 2022 12:47  
 Operator : JC/MD  
 Sample : N4221-16DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 C0KN8DL

Quant Time: Aug 18 14:44:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 18 04:21:09 2022  
 Response via : Initial Calibration

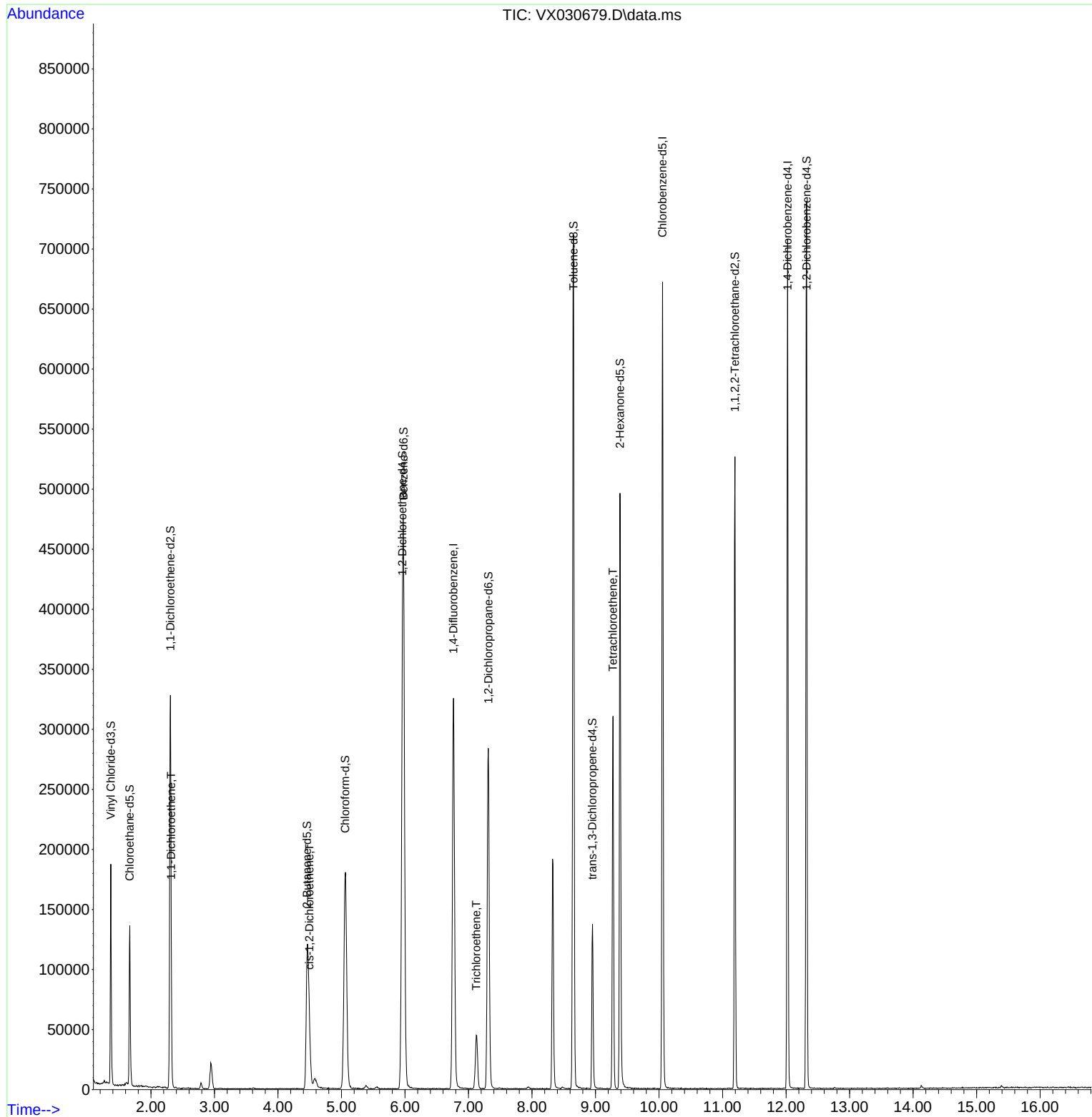
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) 1,4-Difluorobenzene        | 6.763     | 114   | 332206   | 50.000   | ug/L       | 0.00     |
| 28) Chlorobenzene-d5          | 10.055    | 117   | 303471   | 50.000   | ug/L       | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024    | 152   | 137220   | 50.000   | ug/L       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 4) Vinyl Chloride-d3          | 1.368     | 65    | 117039   | 54.861   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 135 | Recovery | = 109.720% |          |
| 7) Chloroethane-d5            | 1.666     | 69    | 89191    | 59.306   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 130 | Recovery | = 118.620% |          |
| 11) 1,1-Dichloroethene-d2     | 2.306     | 63    | 180610   | 44.756   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 89.520%  |          |
| 21) 2-Butanone-d5             | 4.458     | 46    | 195122   | 98.712   | ug/L       | 0.00     |
| Spiked Amount                 | 100.000   | Range | 40 - 130 | Recovery | = 98.710%  |          |
| 24) Chloroform-d              | 5.056     | 84    | 232465   | 52.934   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 105.860% |          |
| 26) 1,2-Dichloroethane-d4     | 5.958     | 65    | 145535   | 48.806   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 97.620%  |          |
| 32) Benzene-d6                | 5.976     | 84    | 491953   | 56.593   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 113.180% |          |
| 36) 1,2-Dichloropropane-d6    | 7.312     | 67    | 160157   | 56.787   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 120 | Recovery | = 113.580% |          |
| 41) Toluene-d8                | 8.653     | 98    | 440928   | 53.811   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 107.620% |          |
| 43) trans-1,3-Dichloroprop... | 8.952     | 79    | 66983    | 47.741   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 95.480%  |          |
| 47) 2-Hexanone-d5             | 9.384     | 63    | 145813   | 101.430  | ug/L       | 0.00     |
| Spiked Amount                 | 100.000   | Range | 45 - 130 | Recovery | = 101.430% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195    | 84    | 204657   | 55.238   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 65 - 120 | Recovery | = 110.480% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323    | 152   | 149723   | 56.255   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 112.500% |          |
| Target Compounds              |           |       |          |          |            |          |
| 12) 1,1-Dichloroethene        | 2.319     | 96    | 4233     | 2.277    | ug/L       | # 1      |
| 20) cis-1,2-Dichloroethene    | 4.495     | 96    | 21057    | 8.690    | ug/L       | 94       |
| 34) Trichloroethene           | 7.123     | 95    | 15735    | 5.584    | ug/L       | 87       |
| 46) Tetrachloroethene         | 9.275     | 164   | 54356    | 30.520   | ug/L       | 98       |
| -----                         |           |       |          |          |            |          |

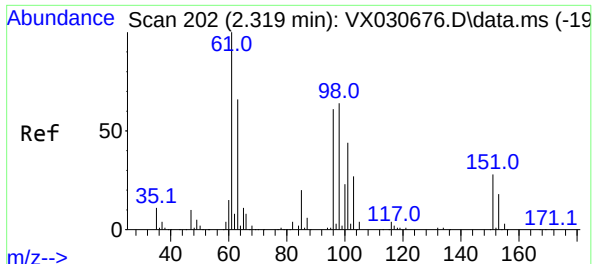
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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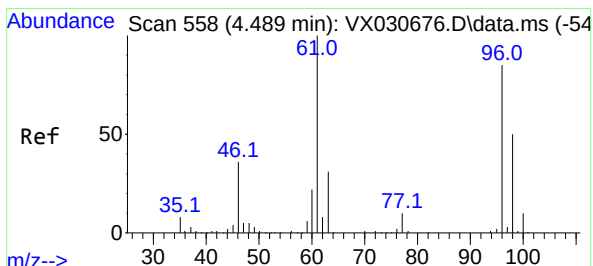
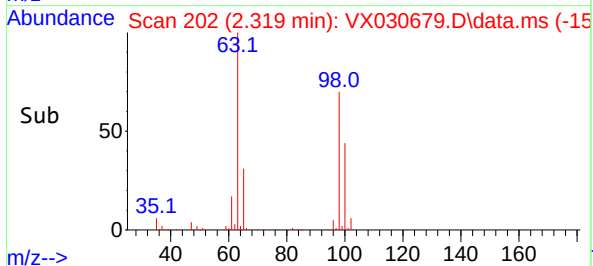
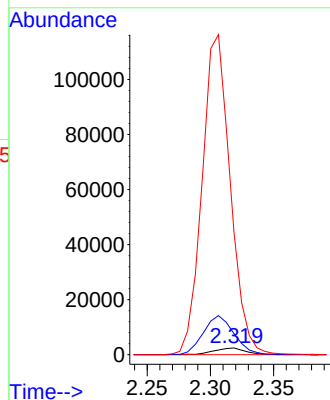
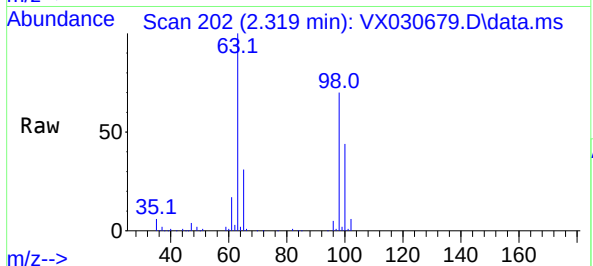




#12  
1,1-Dichloroethene  
Concen: 2.277 ug/L  
RT: 2.319 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX030679.D  
Acq: 18 Aug 2022 12:47

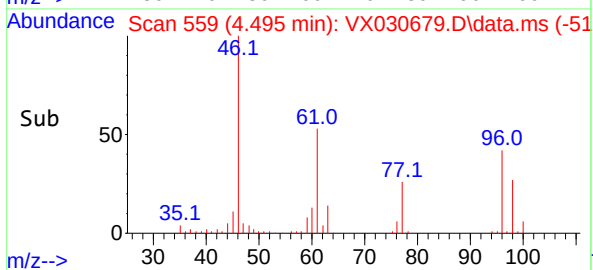
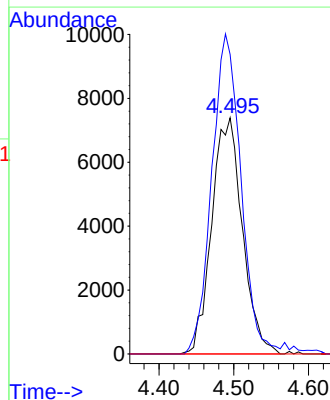
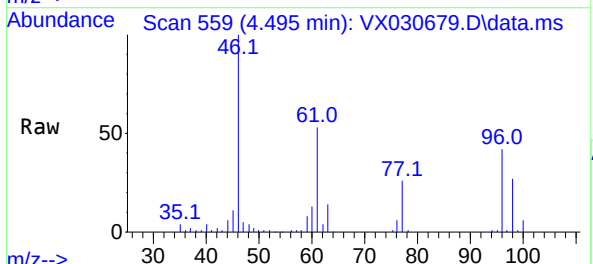
Instrument :  
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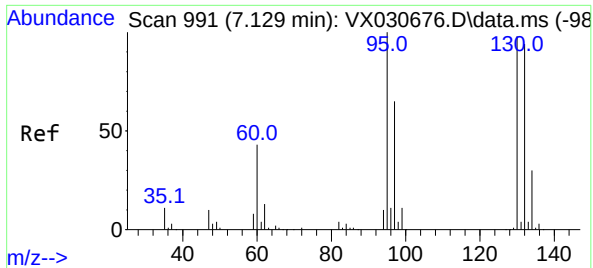
Tgt Ion: 96 Resp: 4233  
Ion Ratio Lower Upper  
96 100  
61 317.5 130.2 241.8#  
63 1838.9 113.5 210.9#



#20  
cis-1,2-Dichloroethene  
Concen: 8.690 ug/L  
RT: 4.495 min Scan# 559  
Delta R.T. 0.000 min  
Lab File: VX030679.D  
Acq: 18 Aug 2022 12:47

Tgt Ion: 96 Resp: 21057  
Ion Ratio Lower Upper  
96 100  
61 126.8 94.0 174.6  
68 0.0 0.0 0.0

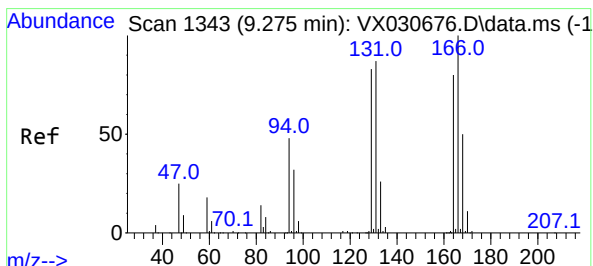
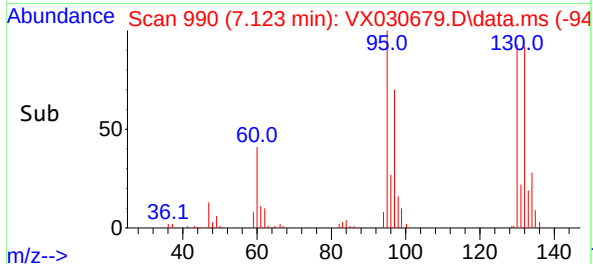
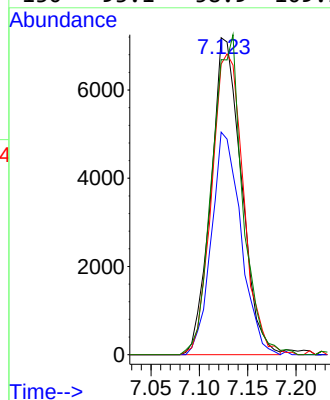
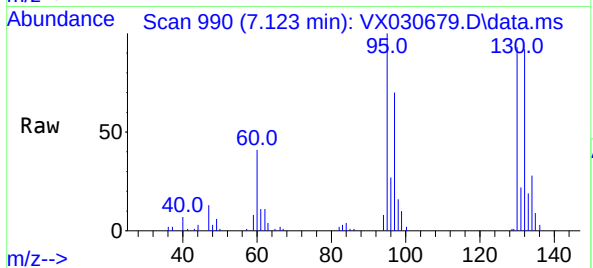




#34  
Trichloroethene  
Concen: 5.584 ug/L  
RT: 7.123 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VX030679.D  
Acq: 18 Aug 2022 12:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion: 95 Resp: 15735  
Ion Ratio Lower Upper  
95 100  
97 70.2 40.2 74.6  
132 91.7 55.3 102.7  
130 93.1 58.9 109.5



#46  
Tetrachloroethene  
Concen: 30.520 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX030679.D  
Acq: 18 Aug 2022 12:47

Tgt Ion: 164 Resp: 54356  
Ion Ratio Lower Upper  
164 100  
129 103.6 72.7 135.1  
131 100.1 69.9 129.9  
166 121.8 88.3 164.1

