

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080522\  
 Data File : VX030422.D  
 Acq On : 05 Aug 2022 12:15  
 Operator : JC/MD  
 Sample : N4021-04DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F5E20DL

Quant Time: Aug 06 00:55:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 06 00:54:06 2022  
 Response via : Initial Calibration

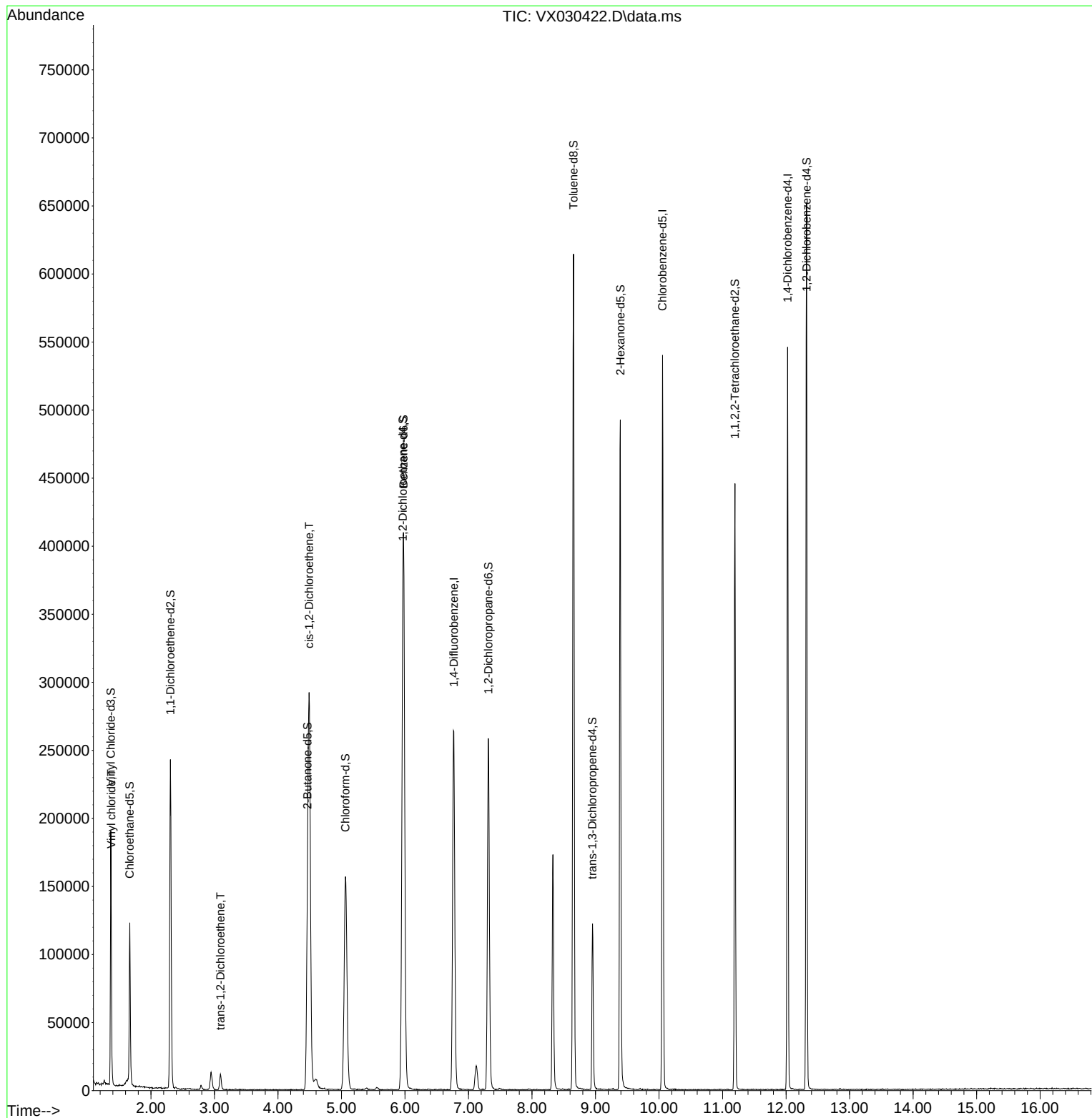
| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|-------|-----------|
| -----                         |         |       |          |          |       |           |
| Internal Standards            |         |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 261479   | 50.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 230159   | 50.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 102486   | 50.000   | ug/L  | 0.00      |
|                               |         |       |          |          |       |           |
| System Monitoring Compounds   |         |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.367   | 65    | 92455    | 55.060   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 110.120%  |
| 7) Chloroethane-d5            | 1.666   | 69    | 70201    | 59.305   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 118.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 63    | 136058   | 42.835   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 85.680%   |
| 21) 2-Butanone-d5             | 4.464   | 46    | 200475   | 128.853  | ug/L  | 0.00      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 128.850%  |
| 24) Chloroform-d              | 5.062   | 84    | 196455   | 56.834   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 113.660%  |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 137858   | 58.736   | ug/L  | 0.01      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 117.480%  |
| 32) Benzene-d6                | 5.976   | 84    | 393923   | 59.750   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 119.500%  |
| 36) 1,2-Dichloropropane-d6    | 7.311   | 67    | 129897   | 60.728   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 121.460%# |
| 41) Toluene-d8                | 8.653   | 98    | 356025   | 57.290   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 114.580%  |
| 43) trans-1,3-Dichloroprop... | 8.951   | 79    | 57792    | 54.310   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 108.620%  |
| 47) 2-Hexanone-d5             | 9.390   | 63    | 137094   | 125.741  | ug/L  | 0.00      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 125.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 168929   | 60.118   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 120.240%# |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 119658   | 60.195   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 120.400%# |
|                               |         |       |          |          |       |           |
| Target Compounds              |         |       |          |          |       | Qvalue    |
| 5) Vinyl chloride             | 1.374   | 62    | 30893    | 17.095   | ug/L  | 99        |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96    | 4474     | 2.639    | ug/L  | 82        |
| 20) cis-1,2-Dichloroethene    | 4.489   | 96    | 142604   | 74.767   | ug/L  | 100       |
| -----                         |         |       |          |          |       |           |

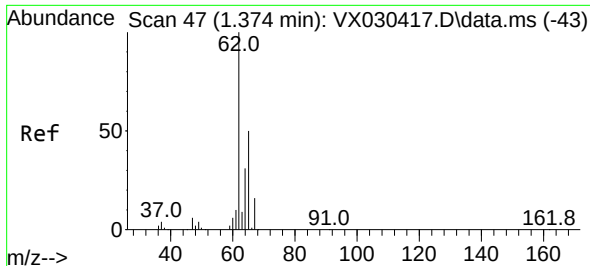
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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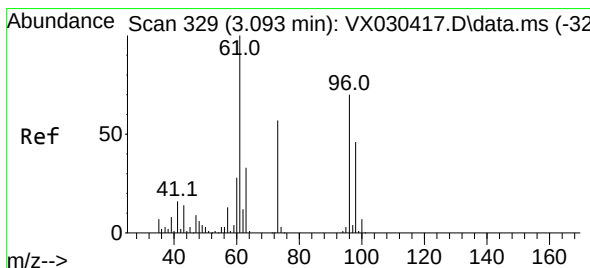
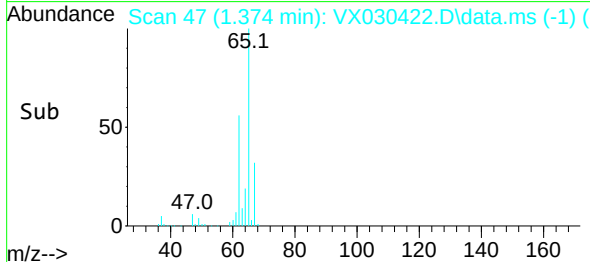
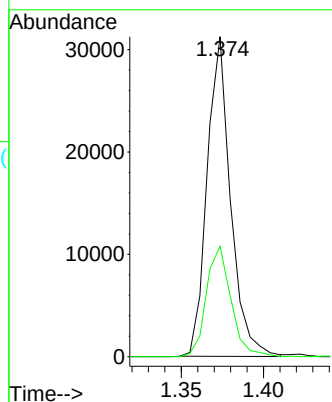
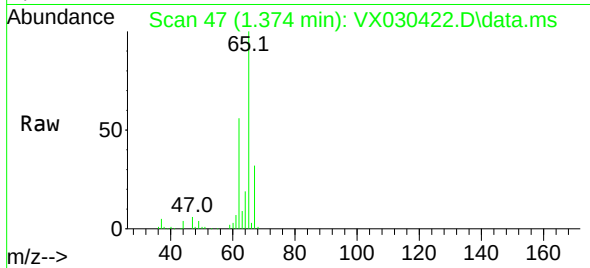




#5  
 Vinyl chloride  
 Concen: 17.095 ug/L  
 RT: 1.374 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX030422.D  
 Acq: 05 Aug 2022 12:15

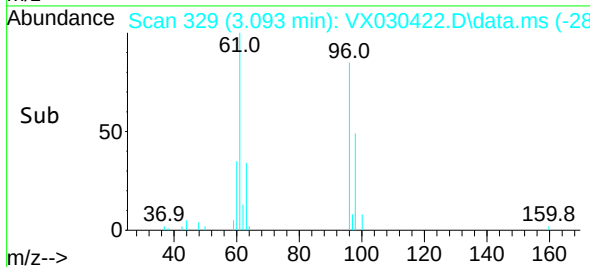
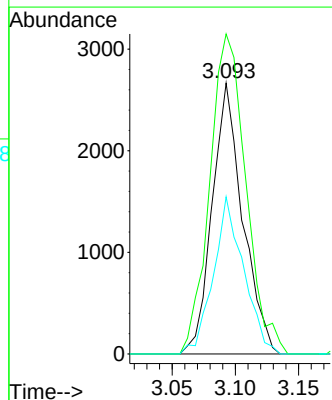
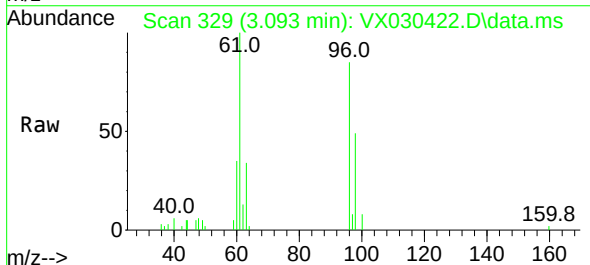
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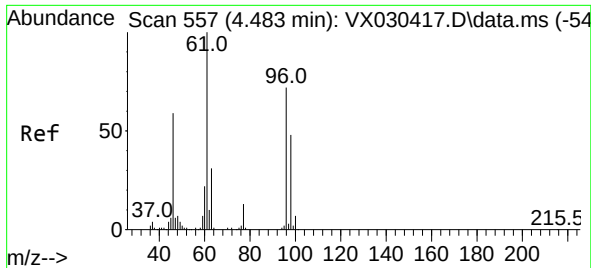
Tgt Ion: 62 Resp: 30893  
 Ion Ratio Lower Upper  
 62 100  
 64 34.5 23.8 44.2



#17  
 trans-1,2-Dichloroethene  
 Concen: 2.639 ug/L  
 RT: 3.093 min Scan# 329  
 Delta R.T. -0.000 min  
 Lab File: VX030422.D  
 Acq: 05 Aug 2022 12:15

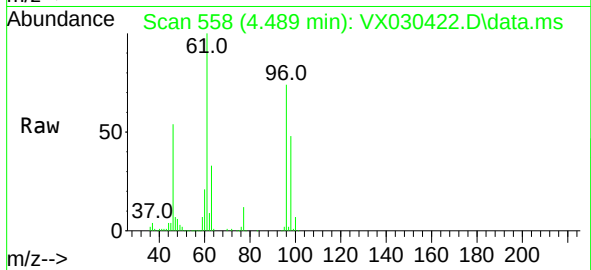
Tgt Ion: 96 Resp: 4474  
 Ion Ratio Lower Upper  
 96 100  
 61 118.1 103.7 192.5  
 98 58.0 41.5 77.1





#20  
 cis-1,2-Dichloroethene  
 Concen: 74.767 ug/L  
 RT: 4.489 min Scan# 51  
 Delta R.T. 0.006 min  
 Lab File: VX030422.D  
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Tgt Ion: 96 Resp: 142604  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 134.6 | 94.0  | 174.6 |
| 68  | 0.0   | 0.0   | 0.0   |

