

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081322\  
 Data File : VX030614.D  
 Acq On : 13 Aug 2022 12:36  
 Operator : JC/MD  
 Sample : N4131-15DL 5X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F5E42DL

Quant Time: Aug 13 21:16:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 13 21:15:11 2022  
 Response via : Initial Calibration

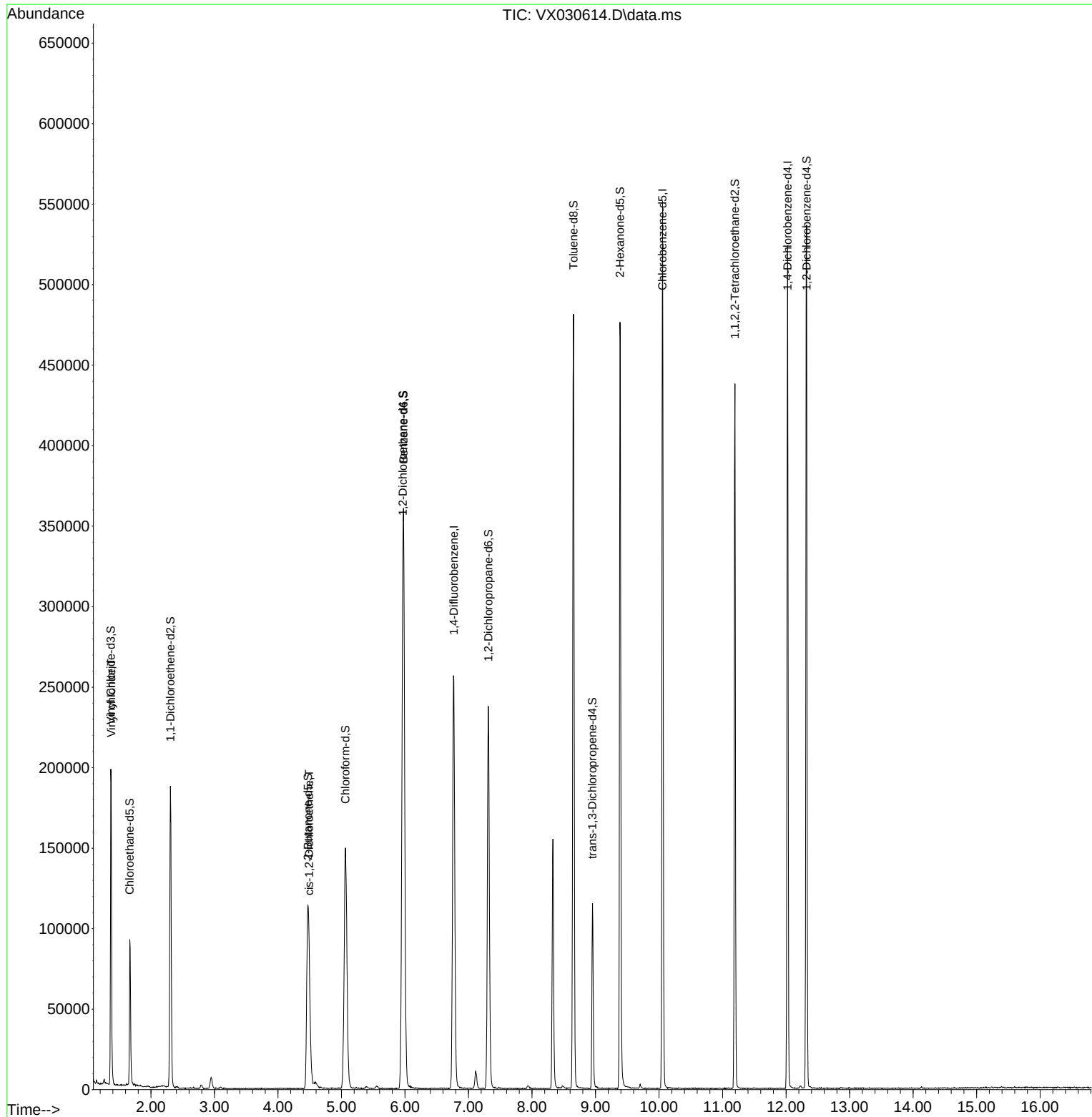
| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|-------|-----------|
| -----                         |         |       |          |          |       |           |
| Internal Standards            |         |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 243266   | 50.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 225321   | 50.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 95672    | 50.000   | ug/L  | 0.00      |
|                               |         |       |          |          |       |           |
| System Monitoring Compounds   |         |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 64753    | 41.450   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 82.900%   |
| 7) Chloroethane-d5            | 1.666   | 69    | 57647    | 52.345   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 104.700%  |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 63    | 107475   | 36.370   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 72.740%   |
| 21) 2-Butanone-d5             | 4.471   | 46    | 197467   | 136.422  | ug/L  | 0.00      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 136.420%# |
| 24) Chloroform-d              | 5.062   | 84    | 182428   | 56.728   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 113.460%  |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 135298   | 61.961   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 123.920%  |
| 32) Benzene-d6                | 5.976   | 84    | 323497   | 50.122   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 100.240%  |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 117562   | 56.141   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 112.280%  |
| 41) Toluene-d8                | 8.653   | 98    | 274864   | 45.179   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 90.360%   |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 51610    | 49.542   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 99.080%   |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 128366   | 120.264  | ug/L  | 0.00      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 120.260%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 166067   | 60.368   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 120.740%# |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 101125   | 54.495   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 109.000%  |
|                               |         |       |          |          |       |           |
| Target Compounds              |         |       |          |          |       | Qvalue    |
| 5) Vinyl chloride             | 1.374   | 62    | 73256    | 43.572   | ug/L  | 96        |
| 20) cis-1,2-Dichloroethene    | 4.489   | 96    | 13557    | 7.640    | ug/L  | 94        |
| -----                         |         |       |          |          |       |           |

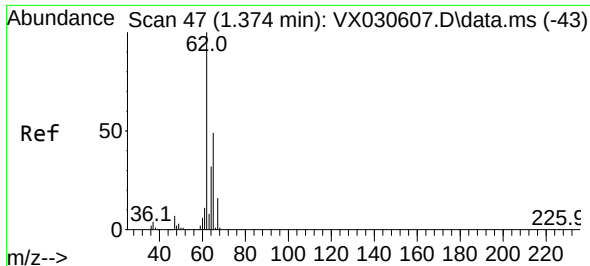
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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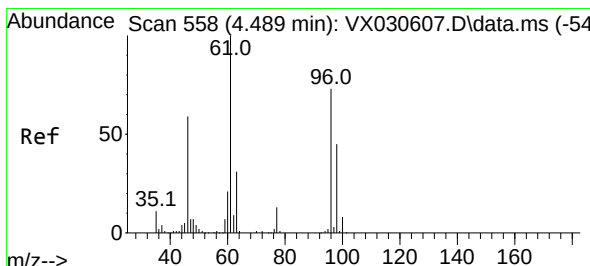
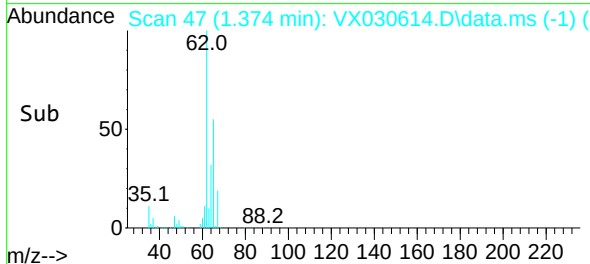
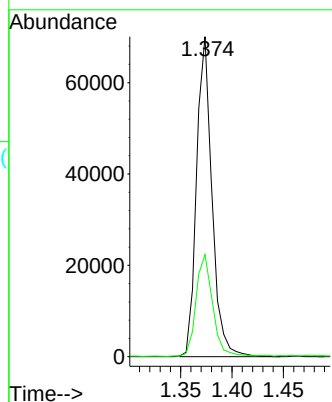
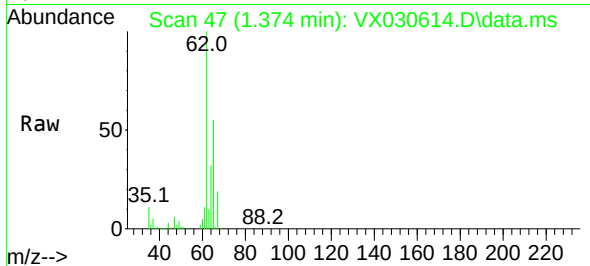




#5  
 Vinyl chloride  
 Concen: 43.572 ug/L  
 RT: 1.374 min Scan# 47  
 Delta R.T. -0.000 min  
 Lab File: VX030614.D  
 Acq: 13 Aug 2022 12:36

Instrument :  
 MSVOA\_X  
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Tgt Ion: 62 Resp: 73256  
 Ion Ratio Lower Upper  
 62 100  
 64 31.9 23.8 44.2



#20  
 cis-1,2-Dichloroethene  
 Concen: 7.640 ug/L  
 RT: 4.489 min Scan# 558  
 Delta R.T. -0.000 min  
 Lab File: VX030614.D  
 Acq: 13 Aug 2022 12:36

Tgt Ion: 96 Resp: 13557  
 Ion Ratio Lower Upper  
 96 100  
 61 126.8 94.0 174.6  
 68 0.0 0.0 0.0

