

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072722\  
 Data File : VW027030.D  
 Acq On : 28 Jul 2022 04:25  
 Operator : SY/MD  
 Sample : N3897-15  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBUQ7

Quant Time: Jul 28 06:19:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072222WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 28 02:51:09 2022  
 Response via : Initial Calibration

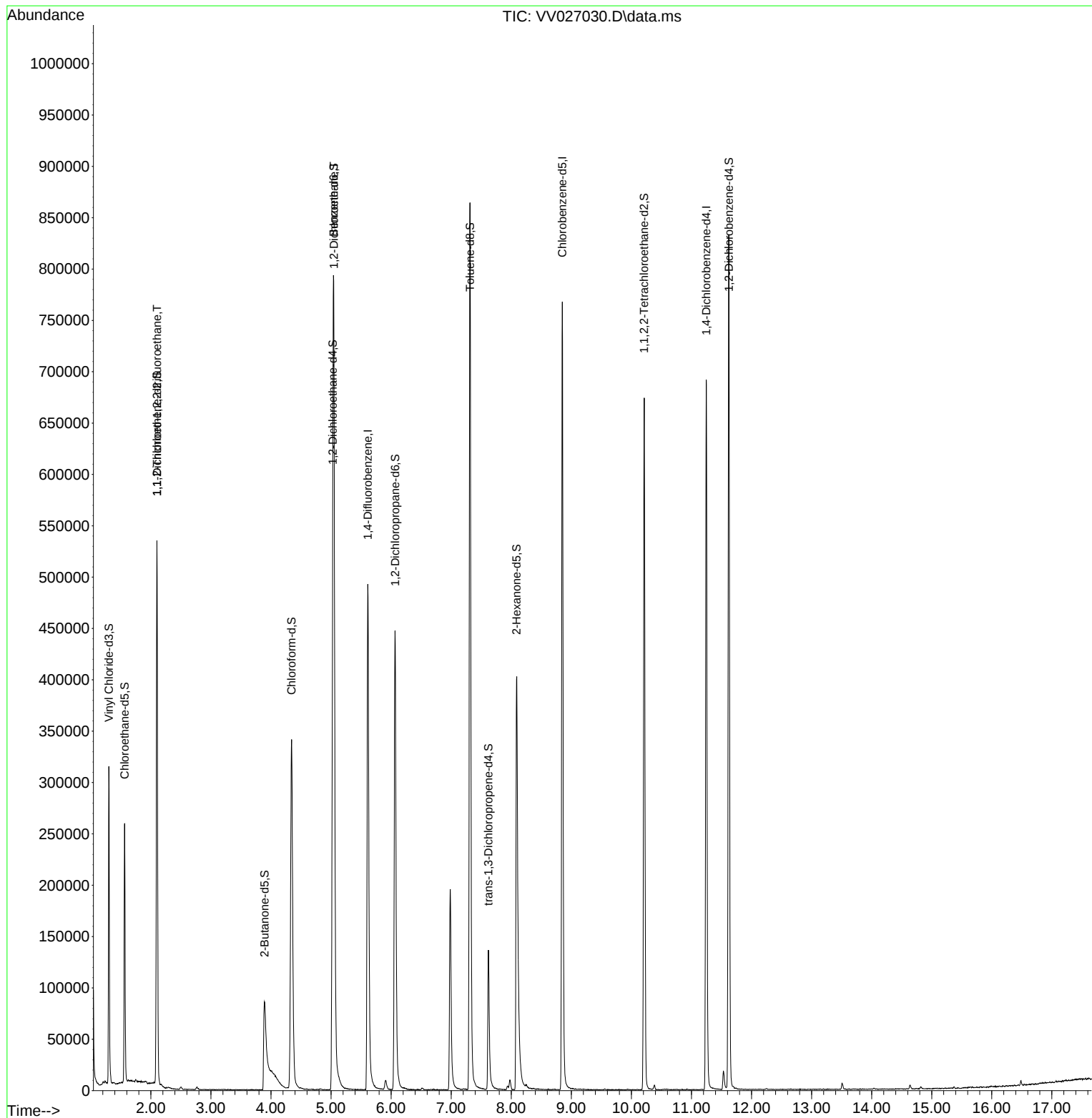
| Compound                      | R.T.           | QIon | Response             | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|----------------------|--------|-------|----------|
| -----                         |                |      |                      |        |       |          |
| Internal Standards            |                |      |                      |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.613          | 114  | 450968               | 50.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.850          | 117  | 445286               | 50.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246         | 152  | 188839               | 50.000 | ug/L  | 0.00     |
|                               |                |      |                      |        |       |          |
| System Monitoring Compounds   |                |      |                      |        |       |          |
| 4) Vinyl Chloride-d3          | 1.301          | 65   | 200096               | 52.903 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 105.800%  |        |       |          |
| 7) Chloroethane-d5            | 1.565          | 69   | 167450               | 54.725 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 109.440%  |        |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.102          | 63   | 275998               | 40.560 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 81.120%   |        |       |          |
| 21) 2-Butanone-d5             | 3.892          | 46   | 183082               | 71.812 | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 71.810%   |        |       |          |
| 24) Chloroform-d              | 4.343          | 84   | 367635               | 49.388 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 98.780%   |        |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.027          | 65   | 222382               | 52.227 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 104.460%  |        |       |          |
| 32) Benzene-d6                | 5.044          | 84   | 744344               | 55.300 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 110.600%  |        |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.066          | 67   | 236903               | 54.615 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 109.240%  |        |       |          |
| 41) Toluene-d8                | 7.314          | 98   | 602981               | 51.200 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 102.400%  |        |       |          |
| 43) trans-1,3-Dichloroprop... | 7.619          | 79   | 87668                | 48.234 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 96.460%   |        |       |          |
| 47) 2-Hexanone-d5             | 8.088          | 63   | 172713               | 91.446 | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 91.450%   |        |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214         | 84   | 335655               | 50.938 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 101.880%  |        |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622         | 152  | 222049               | 62.677 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 125.360%# |        |       |          |
|                               |                |      |                      |        |       |          |
| Target Compounds              |                |      |                      |        |       | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.102          | 101  | 2701                 | 0.724  | ug/L  | # 24     |
| 27) 1,2-Dichloroethane        | 5.047          | 62   | 3605                 | 0.706  | ug/L  | 95       |
| -----                         |                |      |                      |        |       |          |

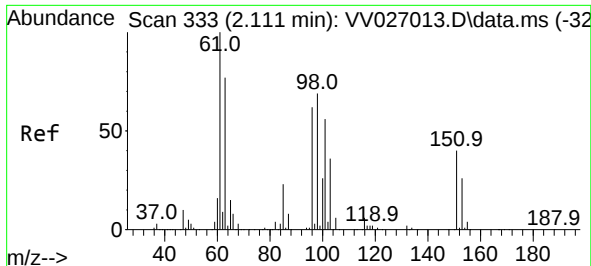
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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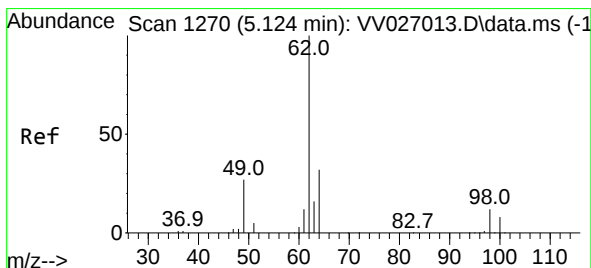
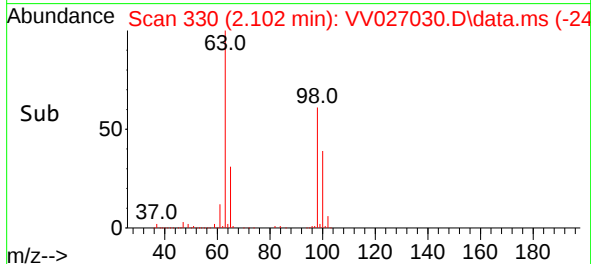
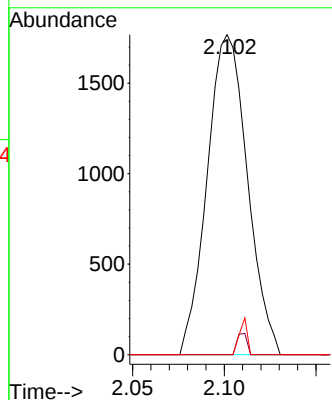
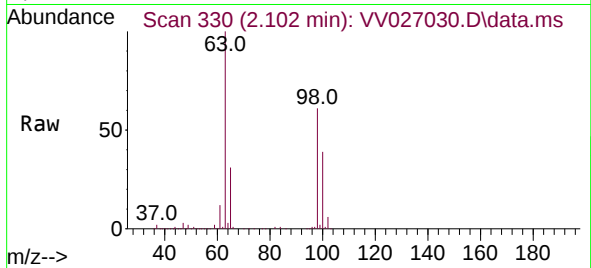




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.724 ug/L  
 RT: 2.102 min Scan# 31  
 Delta R.T. -0.010 min  
 Lab File: VV027030.D  
 Acq: 28 Jul 2022 04:25

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Tgt Ion:101 Resp: 2701  
 Ion Ratio Lower Upper  
 101 100  
 85 1.7 33.1 49.7#  
 151 2.2 57.1 85.7#



#27  
 1,2-Dichloroethane  
 Concen: 0.706 ug/L  
 RT: 5.047 min Scan# 1246  
 Delta R.T. -0.077 min  
 Lab File: VV027030.D  
 Acq: 28 Jul 2022 04:25

Tgt Ion: 62 Resp: 3605  
 Ion Ratio Lower Upper  
 62 100  
 98 9.2 8.9 13.3

