

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV040221\  
 Data File : VV020899.D  
 Acq On : 03 Apr 2021 00:14  
 Operator : SY/MD  
 Sample : M1845-17DL 50X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW1C5DL

Quant Time: Apr 03 02:09:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM032321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 03 02:06:54 2021  
 Response via : Initial Calibration

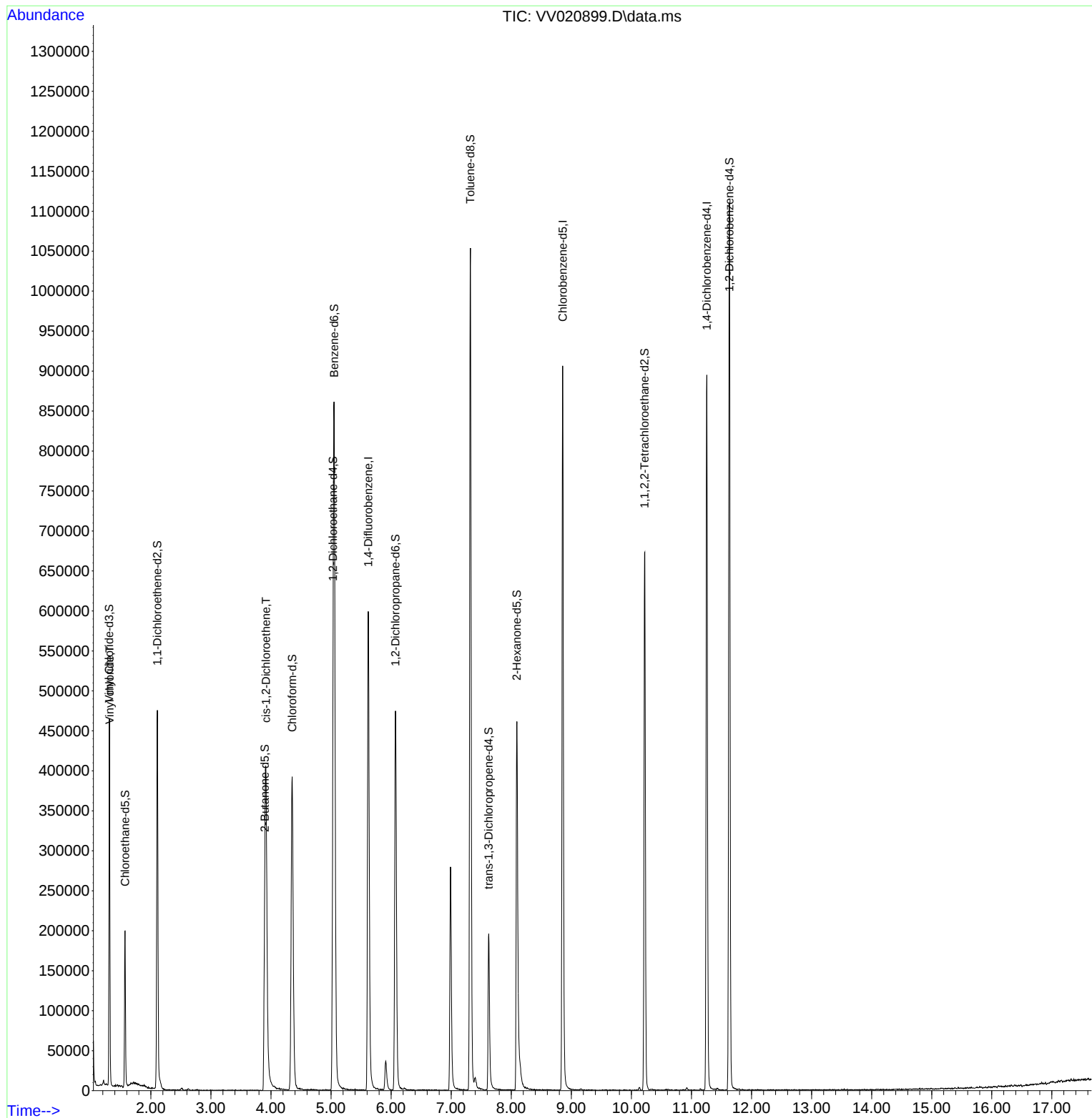
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 530655     | 50.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 503294     | 50.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 242602     | 50.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 140719     | 37.35    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 74.70%   |        |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 121060     | 42.50    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 85.00%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 238364     | 33.54    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 67.08%   |        |          |
| 21) 2-Butanone-d5             | 3.896          | 46   | 234333     | 95.61    | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 95.61%   |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 403437     | 53.88    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 107.76%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 277536     | 56.26    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 112.52%  |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 733018     | 54.64    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 109.28%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 217369     | 52.78    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 105.56%  |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 694140     | 55.59    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 111.18%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 113458     | 51.77    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 103.54%  |        |          |
| 47) 2-Hexanone-d5             | 8.092          | 63   | 162873     | 94.32    | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 94.32%   |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 296820     | 49.47    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 98.94%   |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 296756     | 63.03    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 126.06%# |        |          |
| Target Compounds              |                |      |            |          |        |          |
|                               |                |      |            |          | Qvalue |          |
| 5) Vinyl chloride             | 1.314          | 62   | 142933     | 35.26    | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.915          | 96   | 178436     | 46.96    | ug/L   | 95       |
| -----                         |                |      |            |          |        |          |

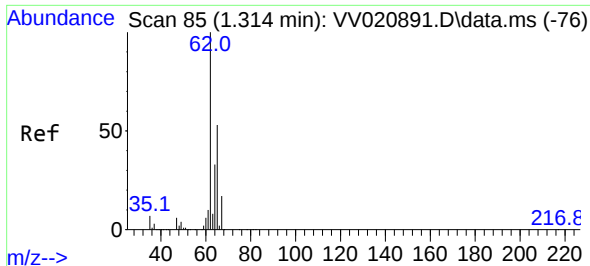
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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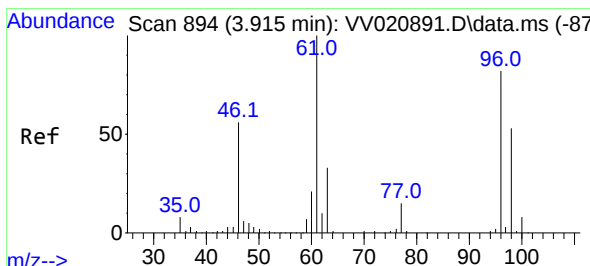
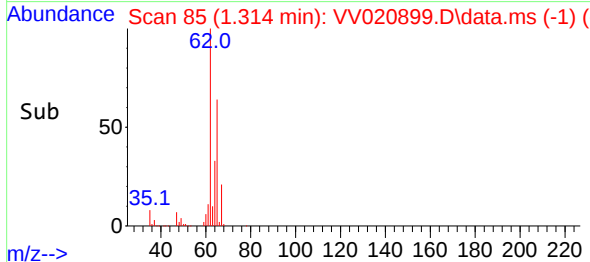
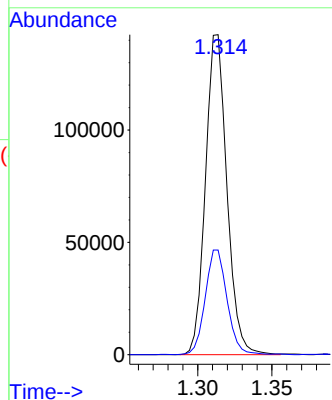
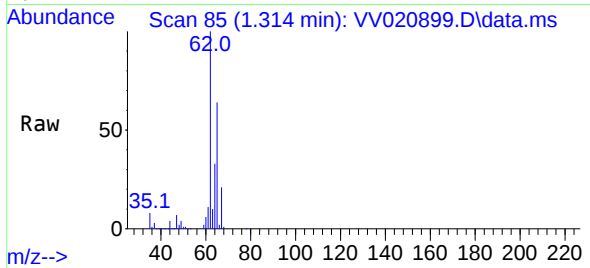




#5  
 Vinyl chloride  
 Concen: 35.26 ug/L  
 RT: 1.314 min Scan# 85  
 Delta R.T. -0.000 min  
 Lab File: VV020899.D  
 Acq: 03 Apr 2021 00:14

Instrument :  
 MSVOA\_V  
 ClientSampleID :  
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Tgt Ion: 62 Resp: 142933  
 Ion Ratio Lower Upper  
 62 100  
 64 32.7 23.3 43.3



#20  
 cis-1,2-Dichloroethene  
 Concen: 46.96 ug/L  
 RT: 3.915 min Scan# 894  
 Delta R.T. -0.000 min  
 Lab File: VV020899.D  
 Acq: 03 Apr 2021 00:14

Tgt Ion: 96 Resp: 178436  
 Ion Ratio Lower Upper  
 96 100  
 61 122.8 89.9 167.0  
 68 0.0 0.0 0.0

