

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW040221\  
 Data File : VW020902.D  
 Acq On : 03 Apr 2021 01:25  
 Operator : SY/MD  
 Sample : M1845-14 50X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW1C0

Quant Time: Apr 03 02:10:24 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

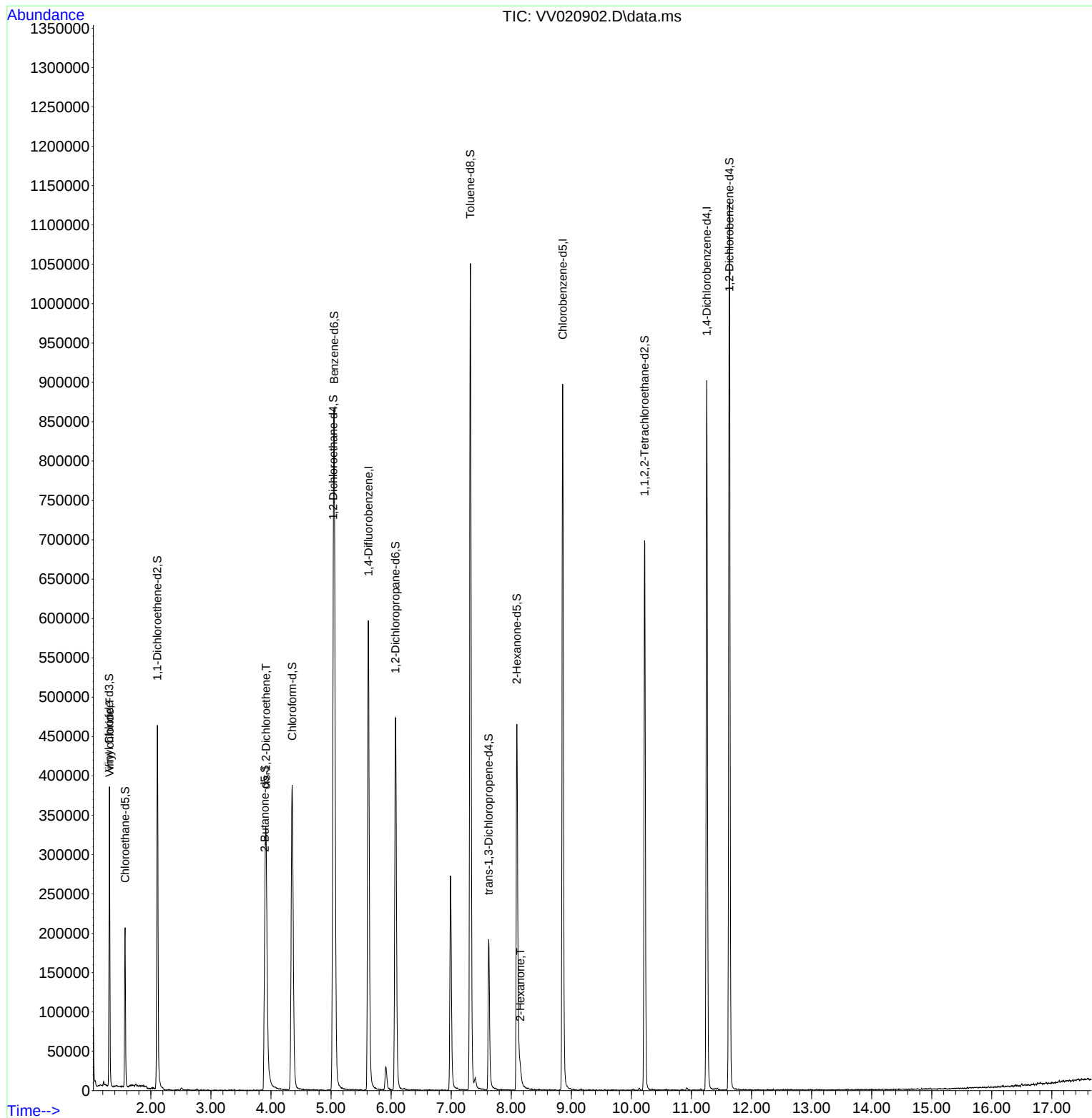
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.622   | 114   | 522778   | 50.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857   | 117   | 502065   | 50.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255  | 152   | 246105   | 50.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307   | 65    | 141585   | 38.15    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 76.30%   |
| 7) Chloroethane-d5            | 1.571   | 69    | 121099   | 43.16    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 86.32%   |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63    | 231591   | 33.07    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 66.14%   |
| 21) 2-Butanone-d5             | 3.899   | 46    | 232912   | 96.46    | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 96.46%   |
| 24) Chloroform-d              | 4.352   | 84    | 400311   | 54.26    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 108.52%  |
| 26) 1,2-Dichloroethane-d4     | 5.037   | 65    | 281376   | 57.90    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 115.80%  |
| 32) Benzene-d6                | 5.053   | 84    | 731592   | 54.67    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 109.34%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 212065   | 51.62    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 103.24%  |
| 41) Toluene-d8                | 7.320   | 98    | 696227   | 55.89    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 111.78%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 111870   | 51.18    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 102.36%  |
| 47) 2-Hexanone-d5             | 8.091   | 63    | 157741   | 91.57    | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 91.57%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220  | 84    | 304631   | 50.90    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 101.80%  |
| 64) 1,2-Dichlorobenzene-d4    | 11.631  | 152   | 299950   | 62.80    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 125.60%# |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.313   | 62    | 92817    | 23.24    | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 3.918   | 96    | 139812   | 37.35    | ug/L   | 97       |
| 48) 2-Hexanone                | 8.152   | 43    | 11231    | 3.02     | ug/L # | 51       |
| -----                         |         |       |          |          |        |          |

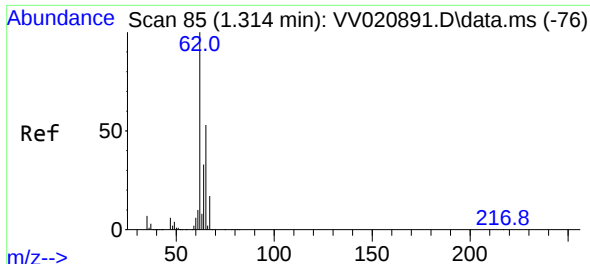
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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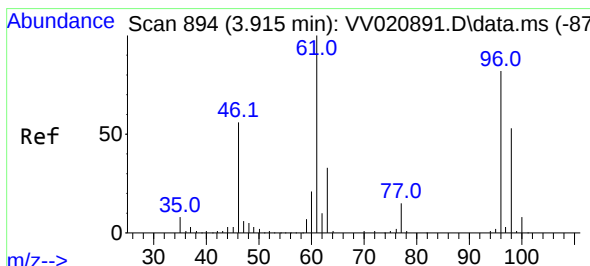
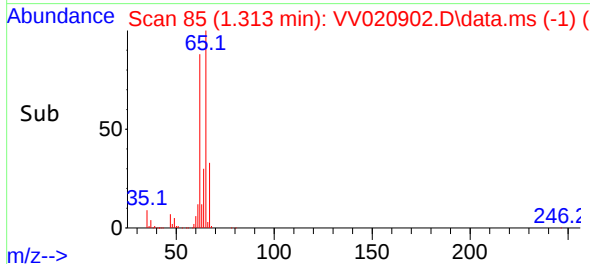
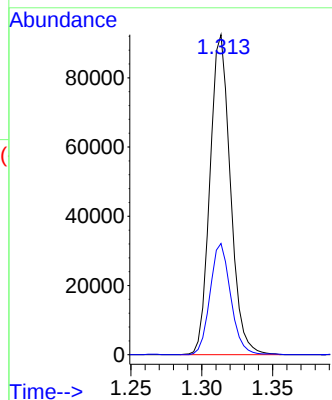
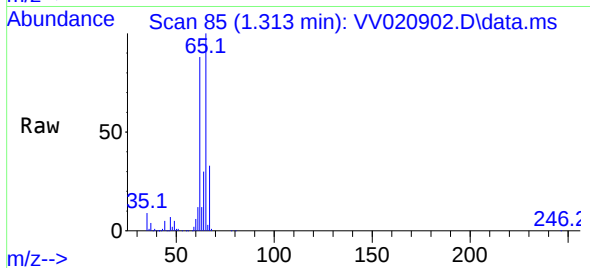




#5  
 Vinyl chloride  
 Concen: 23.24 ug/L  
 RT: 1.313 min Scan# 85  
 Delta R.T. -0.000 min  
 Lab File: VV020902.D  
 Acq: 03 Apr 2021 01:25

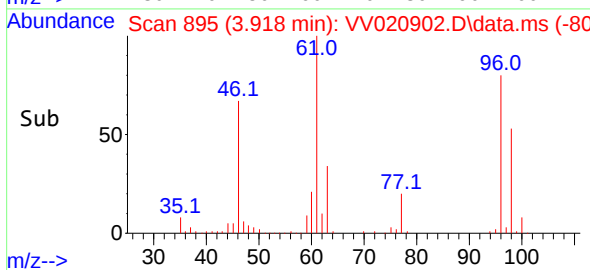
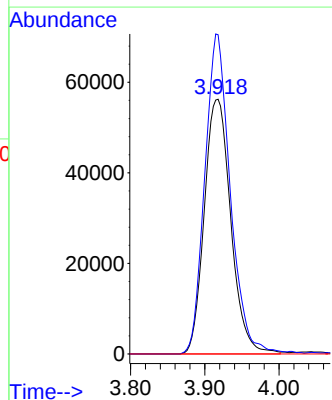
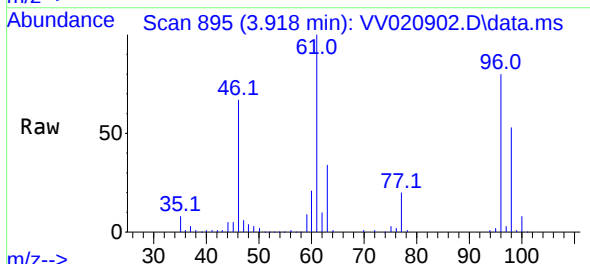
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW1C0

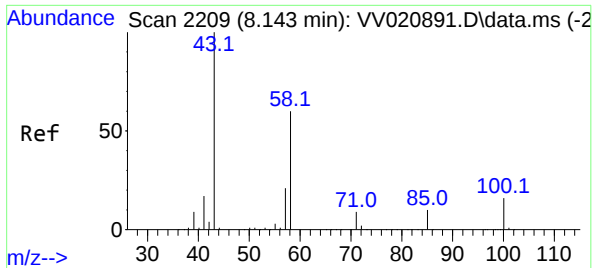
Tgt Ion: 62 Resp: 92817  
 Ion Ratio Lower Upper  
 62 100  
 64 34.8 23.3 43.3



#20  
 cis-1,2-Dichloroethene  
 Concen: 37.35 ug/L  
 RT: 3.918 min Scan# 895  
 Delta R.T. 0.003 min  
 Lab File: VV020902.D  
 Acq: 03 Apr 2021 01:25

Tgt Ion: 96 Resp: 139812  
 Ion Ratio Lower Upper  
 96 100  
 61 125.3 89.9 167.0  
 68 0.0 0.0 0.0





#48  
2-Hexanone  
Concen: 3.02 ug/L  
RT: 8.152 min Scan# 2212  
Delta R.T. 0.009 min  
Lab File: VV020902.D  
Acq: 03 Apr 2021 01:25

Instrument :  
MSVOA\_V  
ClientSampleId :  
EW1C0

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 11231 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 13.2     | 45.8 68.8#  |
| 57 3.1      | 15.4 23.2#  |
| 100 3.7     | 10.2 15.4#  |

