

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV040221\  
 Data File : VV020896.D  
 Acq On : 02 Apr 2021 23:02  
 Operator : SY/MD  
 Sample : M1879-07DL 50X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW1A5DL

Quant Time: Apr 03 02:08:52 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

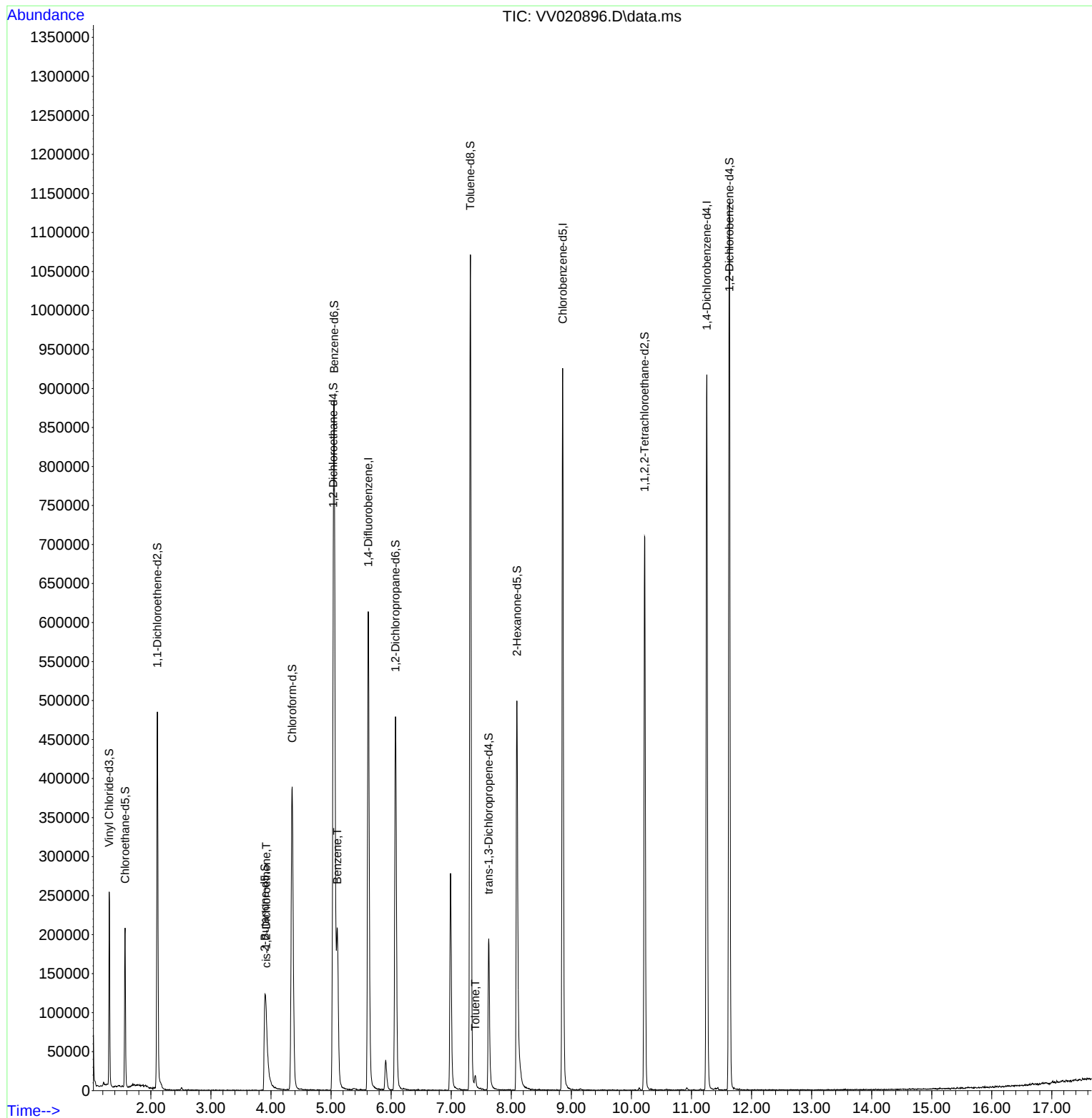
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 540984     | 50.00    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 521705     | 50.00    | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.256         | 152  | 251555     | 50.00    | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 145664     | 37.93    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 75.86%   |       |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 124216     | 42.78    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 85.56%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 241374     | 33.31    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 66.62%   |       |          |
| 21) 2-Butanone-d5             | 3.899          | 46   | 249812     | 99.98    | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 99.98%   |       |          |
| 24) Chloroform-d              | 4.352          | 84   | 406284     | 53.22    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 106.44%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.037          | 65   | 281727     | 56.02    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 112.04%  |       |          |
| 32) Benzene-d6                | 5.053          | 84   | 741835     | 53.35    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 106.70%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 222909     | 52.21    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 104.42%  |       |          |
| 41) Toluene-d8                | 7.320          | 98   | 712680     | 55.06    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 110.12%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 117862     | 51.89    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 103.78%  |       |          |
| 47) 2-Hexanone-d5             | 8.095          | 63   | 177845     | 99.36    | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 99.36%   |       |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 308177     | 49.55    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 99.10%   |       |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 304449     | 62.36    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 124.72%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 20) cis-1,2-Dichloroethene    | 3.921          | 96   | 4969       | 1.28     | ug/L  | 91       |
| 33) Benzene                   | 5.105          | 78   | 211177     | 14.68    | ug/L  | 100      |
| 42) Toluene                   | 7.400          | 91   | 11274      | 0.72     | ug/L  | 87       |
| -----                         |                |      |            |          |       |          |

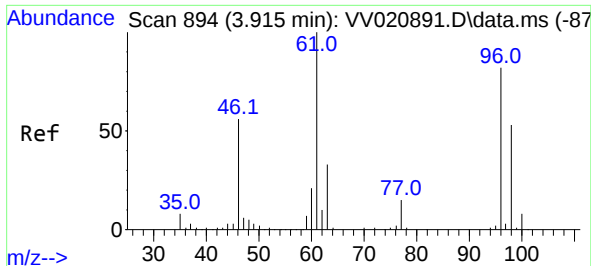
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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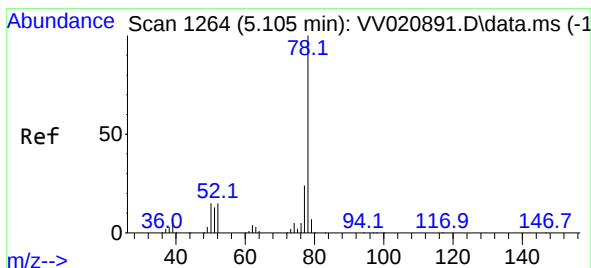
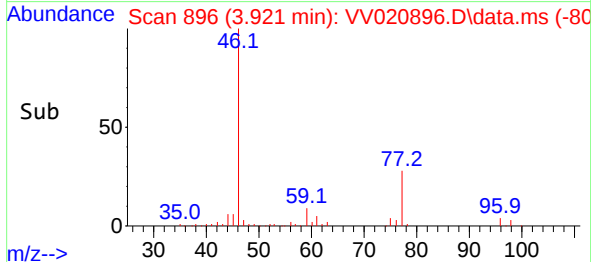
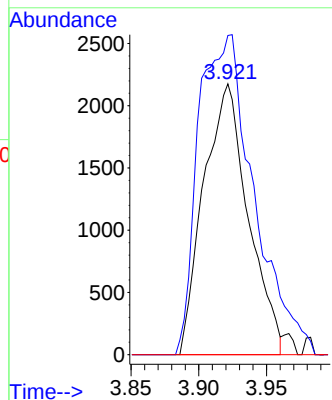
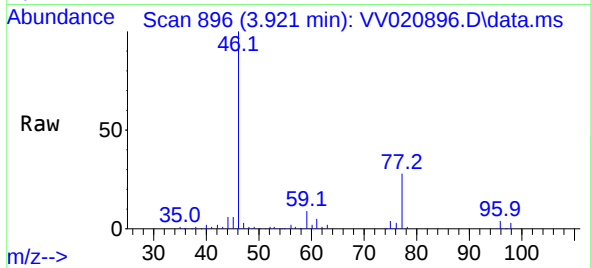




#20  
cis-1,2-Dichloroethene  
Concen: 1.28 ug/L  
RT: 3.921 min Scan# 896  
Delta R.T. 0.006 min  
Lab File: VV020896.D  
Acq: 02 Apr 2021 23:02

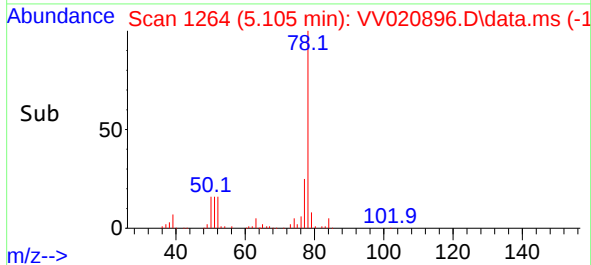
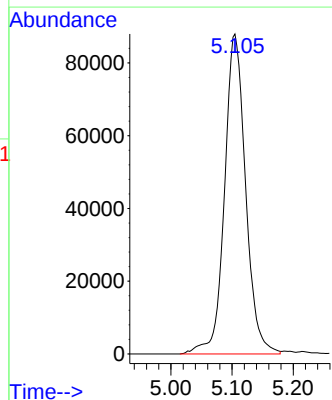
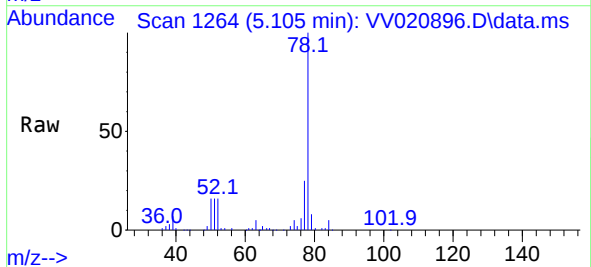
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW1A5DL

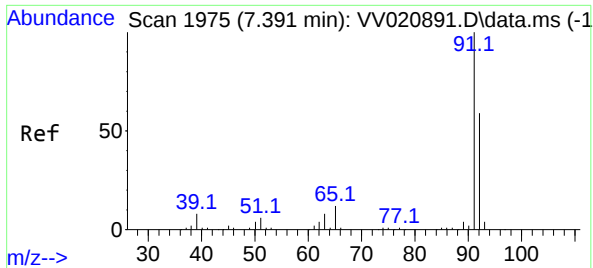
Tgt Ion: 96 Resp: 4969  
Ion Ratio Lower Upper  
96 100  
61 117.8 89.9 167.0  
68 0.0 0.0 0.0



#33  
Benzene  
Concen: 14.68 ug/L  
RT: 5.105 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: VV020896.D  
Acq: 02 Apr 2021 23:02

Tgt Ion: 78 Resp: 211177





#42  
Toluene  
Concen: 0.72 ug/L  
RT: 7.400 min Scan# 1978  
Delta R.T. 0.010 min  
Lab File: VV020896.D  
Acq: 02 Apr 2021 23:02

Instrument :  
MSVOA\_V  
ClientSampleId :  
EW1A5DL

Tgt Ion: 91 Resp: 11274  
Ion Ratio Lower Upper  
91 100  
92 66.9 39.9 74.1

