

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081022\  
 Data File : VV027260.D  
 Acq On : 10 Aug 2022 16:16  
 Operator : SY/MD  
 Sample : N4114-12  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5E29

Quant Time: Aug 11 03:54:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 09 02:29:12 2022  
 Response via : Initial Calibration

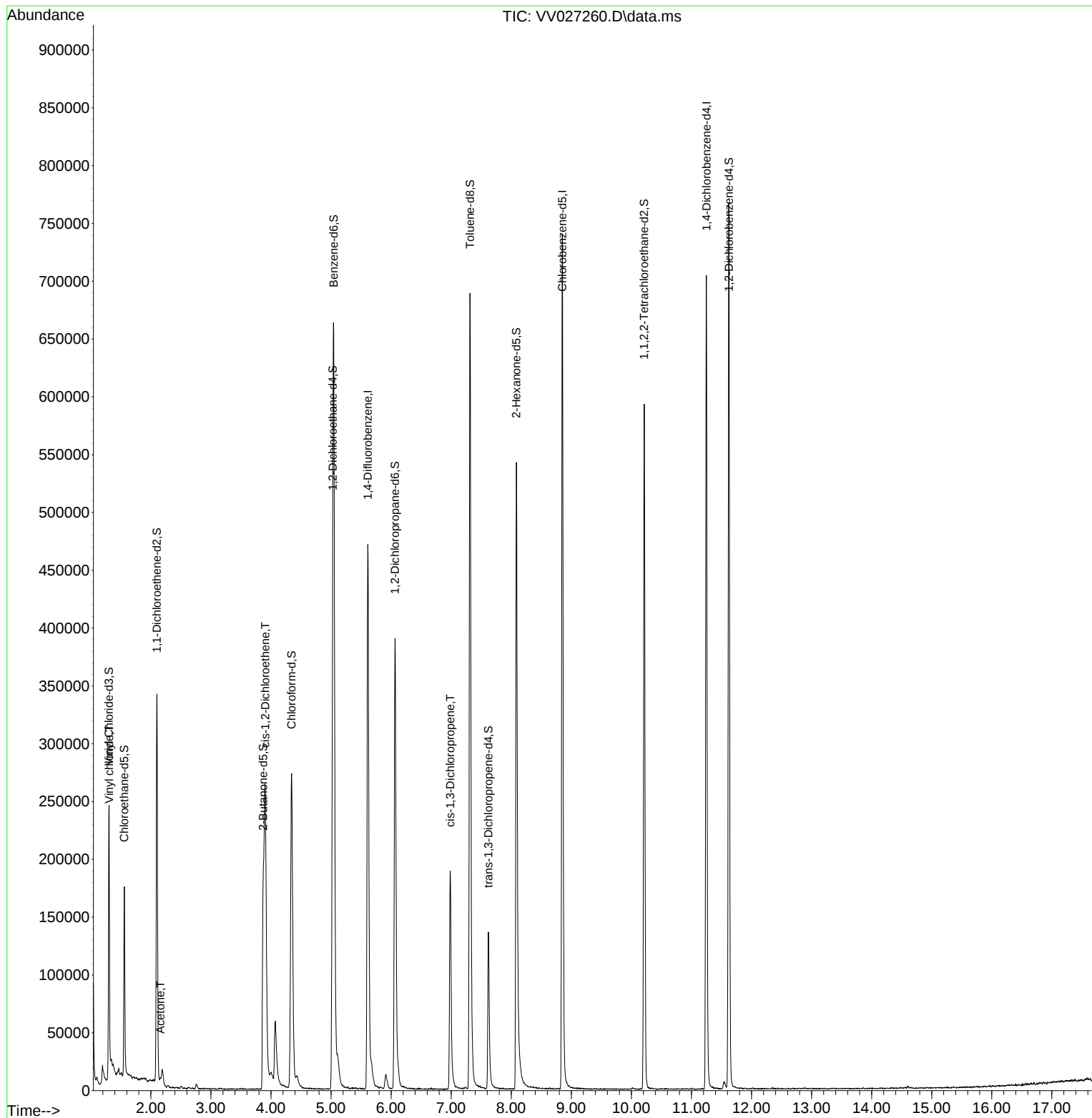
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|--------|-----------|
| -----                         |         |       |          |          |        |           |
| Internal Standards            |         |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.612   | 114   | 413729   | 50.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.850   | 117   | 404755   | 50.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.249  | 152   | 177377   | 50.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |         |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.301   | 65    | 135343   | 47.982   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 95.960%   |
| 7) Chloroethane-d5            | 1.558   | 69    | 111123   | 53.888   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 107.780%  |
| 11) 1,1-Dichloroethene-d2     | 2.098   | 63    | 181658   | 35.208   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 70.420%   |
| 21) 2-Butanone-d5             | 3.870   | 46    | 269164   | 107.203  | ug/L   | 0.00      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 107.200%  |
| 24) Chloroform-d              | 4.342   | 84    | 280733   | 48.587   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.180%   |
| 26) 1,2-Dichloroethane-d4     | 5.027   | 65    | 188208   | 52.464   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 104.920%  |
| 32) Benzene-d6                | 5.043   | 84    | 557654   | 57.453   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 114.900%  |
| 36) 1,2-Dichloropropane-d6    | 6.066   | 67    | 196396   | 56.882   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 113.760%  |
| 41) Toluene-d8                | 7.313   | 98    | 473601   | 57.244   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 114.480%  |
| 43) trans-1,3-Dichloroprop... | 7.619   | 79    | 78777    | 52.345   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 104.700%  |
| 47) 2-Hexanone-d5             | 8.085   | 63    | 186466   | 112.129  | ug/L   | 0.00      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 112.130%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214  | 84    | 282965   | 50.290   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 100.580%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152   | 185301   | 60.494   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 120.980%# |
| Target Compounds              |         |       |          |          |        |           |
|                               |         |       |          |          | Qvalue |           |
| 5) Vinyl chloride             | 1.307   | 62    | 34484    | 8.233    | ug/L   | 91        |
| 13) Acetone                   | 2.159   | 43    | 4860     | 2.510    | ug/L   | 83        |
| 20) cis-1,2-Dichloroethene    | 3.905   | 96    | 120225   | 36.481   | ug/L   | 85        |
| 39) cis-1,3-Dichloropropene   | 6.985   | 75    | 4668     | 0.967    | ug/L # | 43        |
| -----                         |         |       |          |          |        |           |

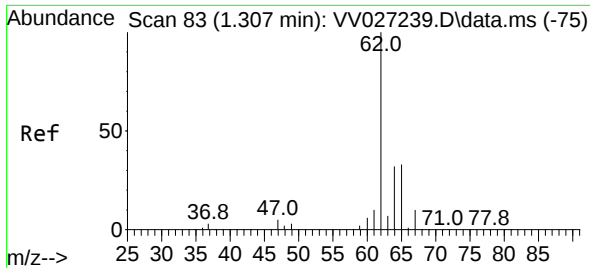
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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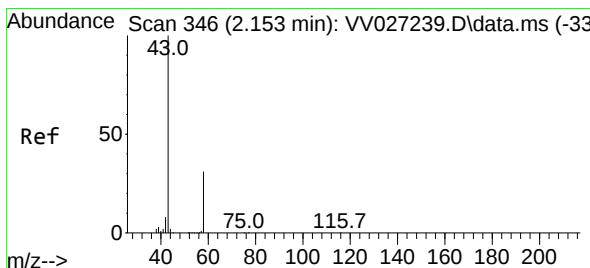
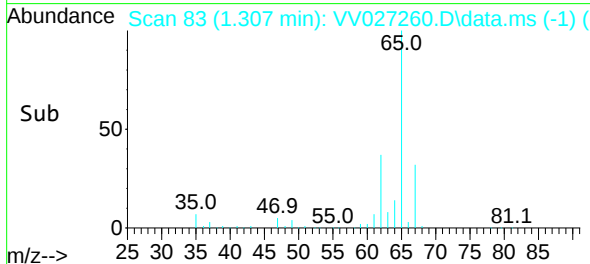
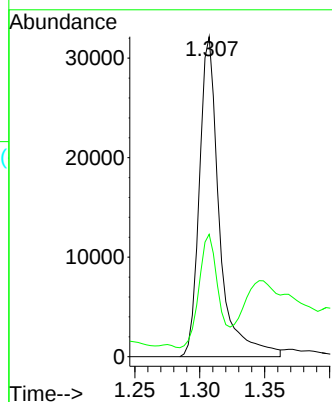
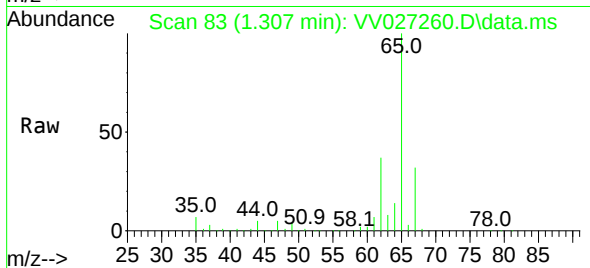




#5  
 Vinyl chloride  
 Concen: 8.233 ug/L  
 RT: 1.307 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: VV027260.D  
 Acq: 10 Aug 2022 16:16

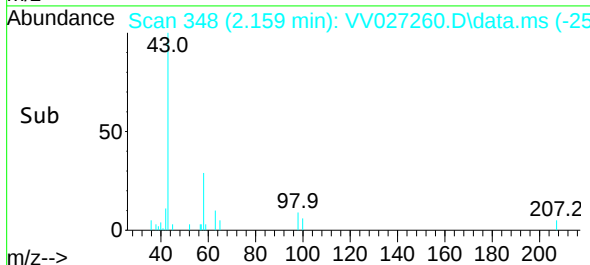
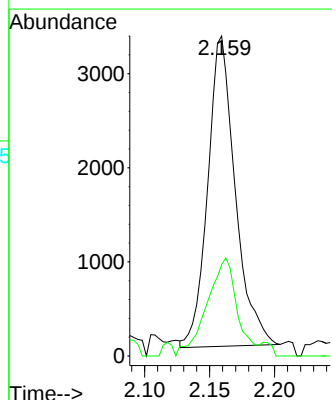
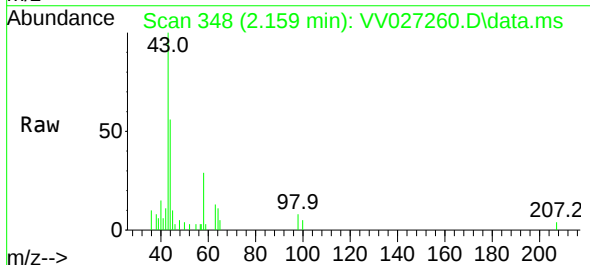
Instrument :  
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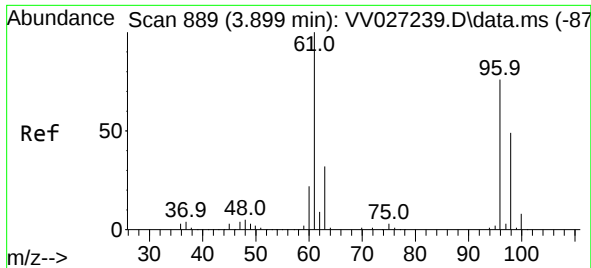
Tgt Ion: 62 Resp: 34484  
 Ion Ratio Lower Upper  
 62 100  
 64 38.3 23.2 43.2



#13  
 Acetone  
 Concen: 2.510 ug/L  
 RT: 2.159 min Scan# 348  
 Delta R.T. 0.006 min  
 Lab File: VV027260.D  
 Acq: 10 Aug 2022 16:16

Tgt Ion: 43 Resp: 4860  
 Ion Ratio Lower Upper  
 43 100  
 58 33.3 0.0 49.6

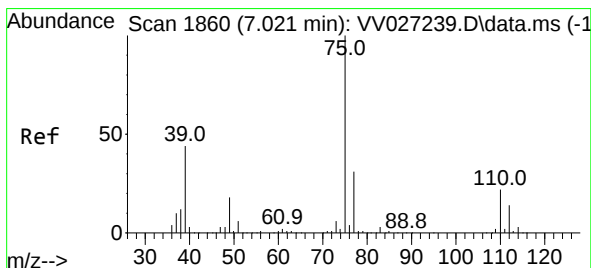
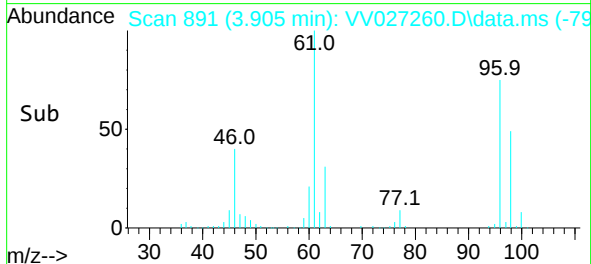
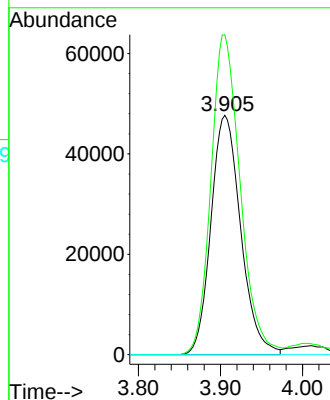
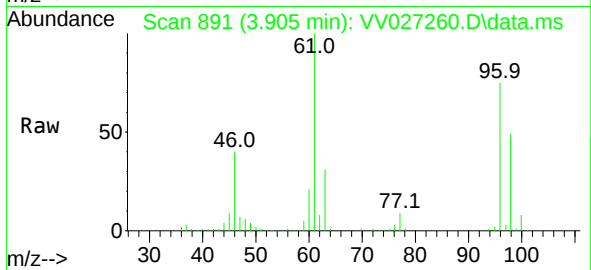




#20  
 cis-1,2-Dichloroethene  
 Concen: 36.481 ug/L  
 RT: 3.905 min Scan# 891  
 Delta R.T. 0.006 min  
 Lab File: VV027260.D  
 Acq: 10 Aug 2022 16:16

Instrument :  
 MSVOA\_V  
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 F5E29

Tgt Ion: 96 Resp: 120225  
 Ion Ratio Lower Upper  
 96 100  
 61 133.7 81.8 151.8  
 68 0.0 0.0 0.0



#39  
 cis-1,3-Dichloropropene  
 Concen: 0.967 ug/L  
 RT: 6.985 min Scan# 1849  
 Delta R.T. -0.035 min  
 Lab File: VV027260.D  
 Acq: 10 Aug 2022 16:16

Tgt Ion: 75 Resp: 4668  
 Ion Ratio Lower Upper  
 75 100  
 77 63.9 22.5 41.7#

