

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV103122\  
 Data File : VV028790.D  
 Acq On : 31 Oct 2022 19:07  
 Operator : SY/MD  
 Sample : N5354-05  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YBMP9

Quant Time: Nov 01 04:58:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM103122WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 01 04:42:28 2022  
 Response via : Initial Calibration

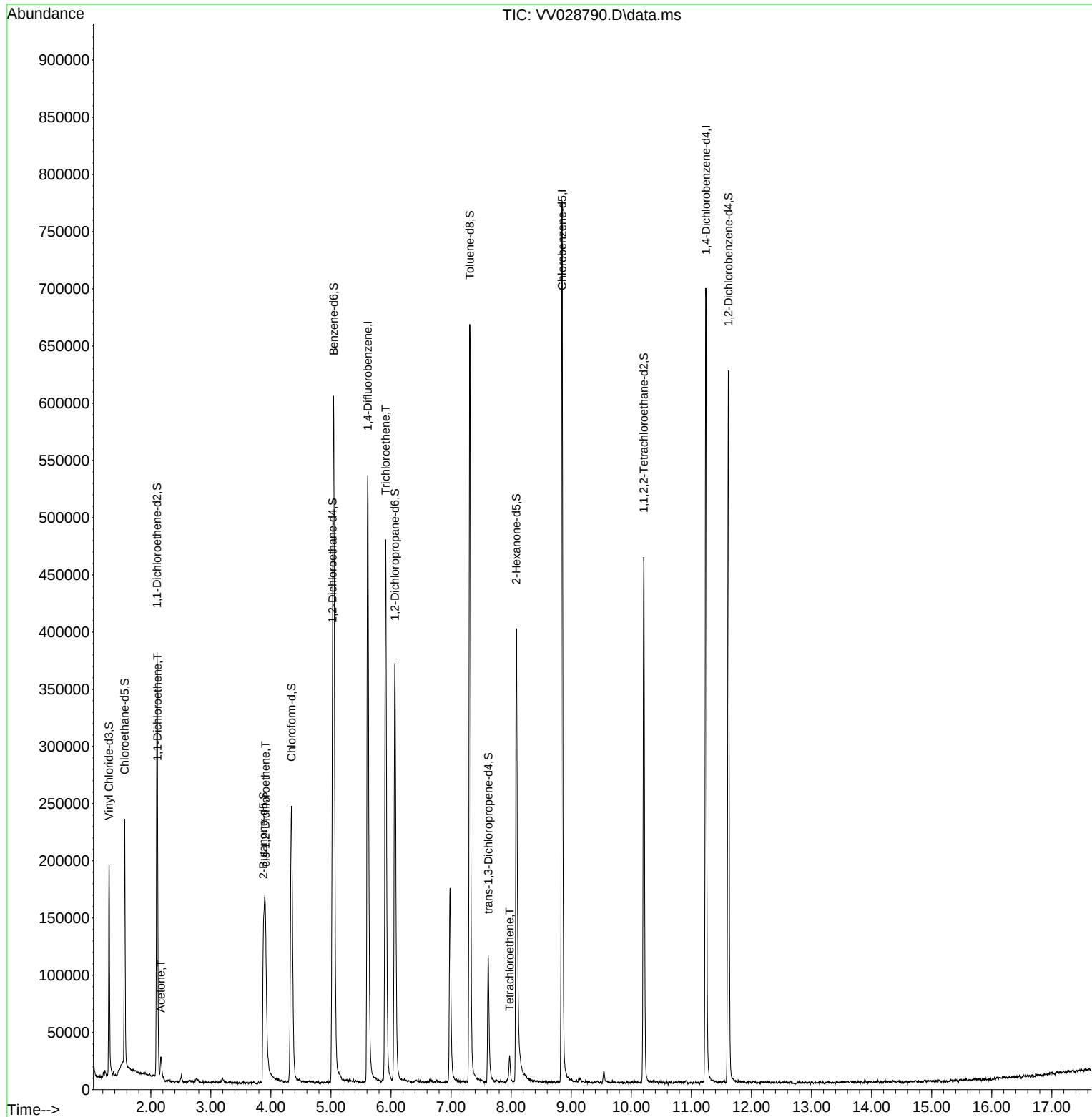
| Compound                      | R.T.    | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|--------|----------|----------|
| -----                         |         |                |          |        |          |          |
| Internal Standards            |         |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.613   | 114            | 419505   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.847   | 117            | 381196   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.243  | 152            | 162261   | 50.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65             | 129989   | 32.687 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =      | 65.380%  |          |
| 7) Chloroethane-d5            | 1.564   | 69             | 131697   | 38.739 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =      | 77.480%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63             | 207325   | 27.407 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 54.820%# |          |
| 21) 2-Butanone-d5             | 3.876   | 46             | 218412   | 75.448 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =      | 75.450%  |          |
| 24) Chloroform-d              | 4.342   | 84             | 240288   | 40.062 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 80.120%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.024   | 65             | 170047   | 42.868 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 85.740%  |          |
| 32) Benzene-d6                | 5.043   | 84             | 498445   | 41.886 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 83.780%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.063   | 67             | 179205   | 43.864 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =      | 87.720%  |          |
| 41) Toluene-d8                | 7.310   | 98             | 422233   | 40.361 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 80.720%  |          |
| 43) trans-1,3-Dichloroprop... | 7.619   | 79             | 61859    | 39.423 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 78.840%  |          |
| 47) 2-Hexanone-d5             | 8.085   | 63             | 143518   | 77.734 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =      | 77.730%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207  | 84             | 225071   | 41.778 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =      | 83.560%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.616  | 152            | 140903   | 43.993 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 87.980%  |          |
| Target Compounds              |         |                |          |        |          |          |
|                               |         |                |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.114   | 96             | 3994     | 1.276  | ug/L #   | 1        |
| 13) Acetone                   | 2.169   | 43             | 26253    | 9.366  | ug/L     | 98       |
| 20) cis-1,2-Dichloroethene    | 3.908   | 96             | 56702    | 16.980 | ug/L #   | 100      |
| 34) Trichloroethene           | 5.908   | 95             | 166840   | 53.161 | ug/L     | 99       |
| 46) Tetrachloroethene         | 7.973   | 164            | 4586     | 2.108  | ug/L     | 93       |
| -----                         |         |                |          |        |          |          |

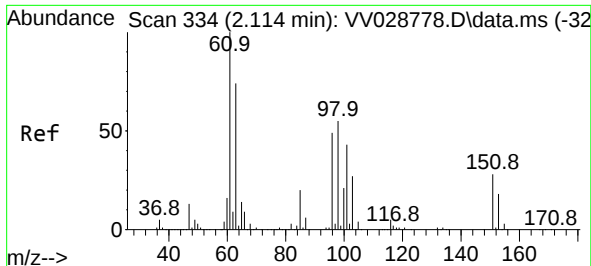
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.276 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV028790.D

Acq: 31 Oct 2022 19:07

Instrument :

MSVOA\_V

ClientSampleId :

YBMP9

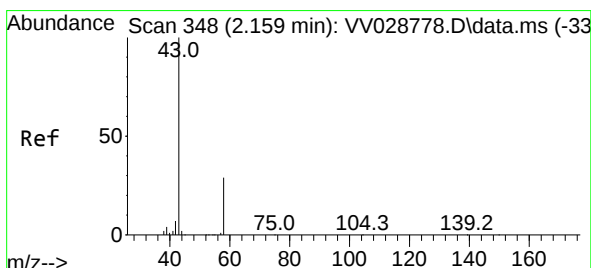
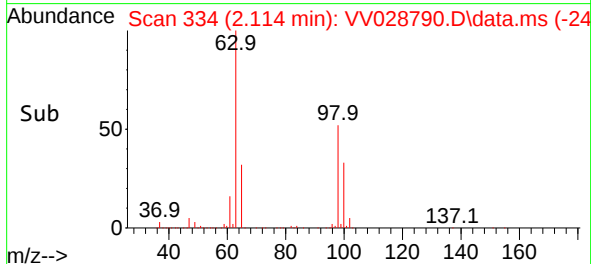
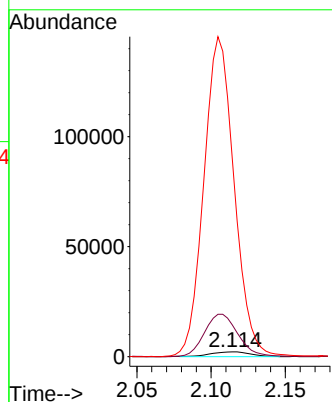
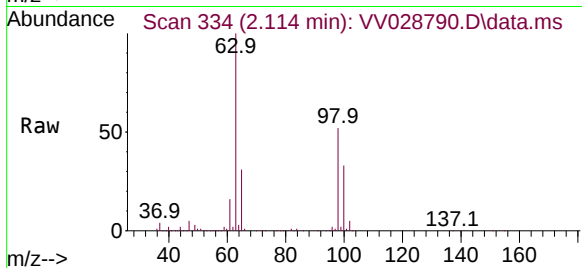
Tgt Ion: 96 Resp: 3994

Ion Ratio Lower Upper

96 100

61 661.5 142.7 265.1#

63 4117.4 112.5 208.9#



#13

Acetone

Concen: 9.366 ug/L

RT: 2.169 min Scan# 351

Delta R.T. 0.010 min

Lab File: VV028790.D

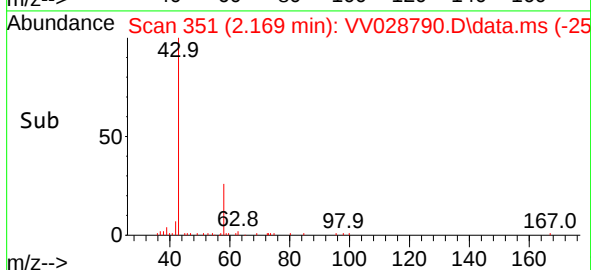
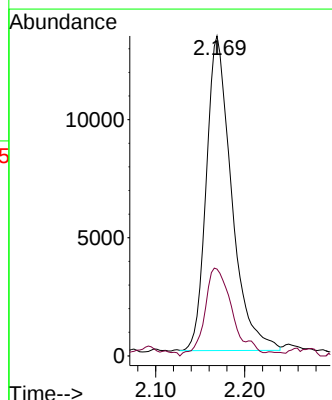
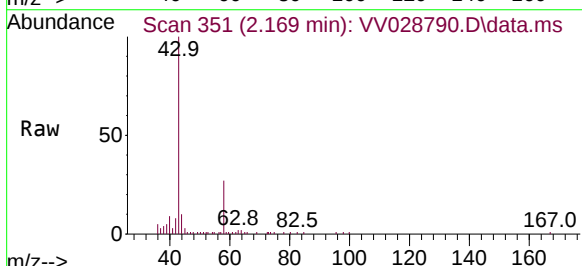
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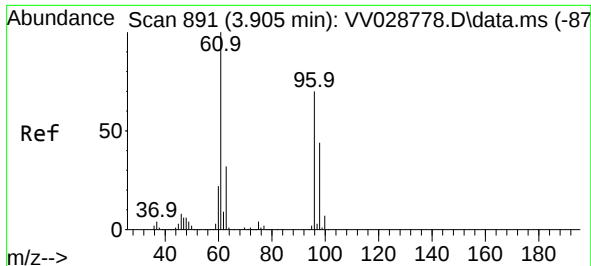
Tgt Ion: 43 Resp: 26253

Ion Ratio Lower Upper

43 100

58 28.5 0.0 59.0

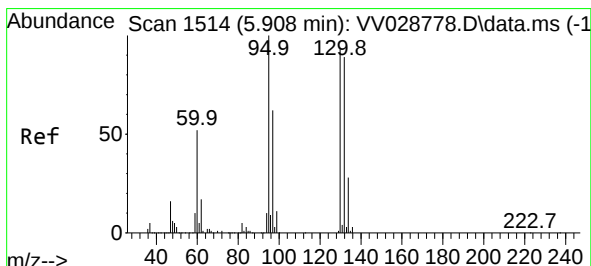
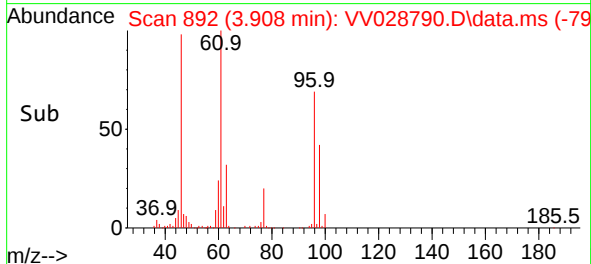
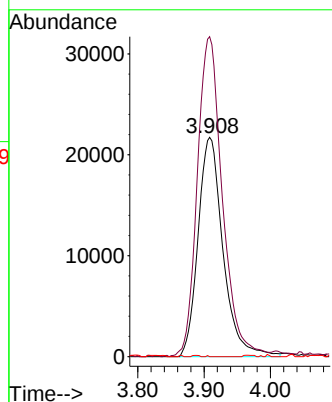
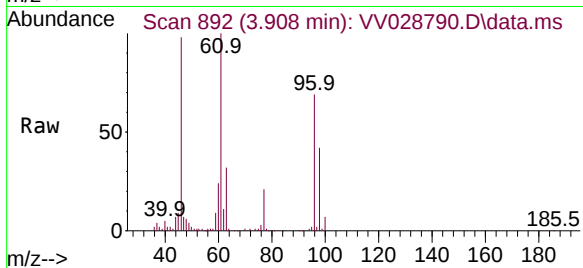




#20  
cis-1,2-Dichloroethene  
Concen: 16.980 ug/L  
RT: 3.908 min Scan# 891  
Delta R.T. 0.003 min  
Lab File: VV028790.D  
Acq: 31 Oct 2022 19:07

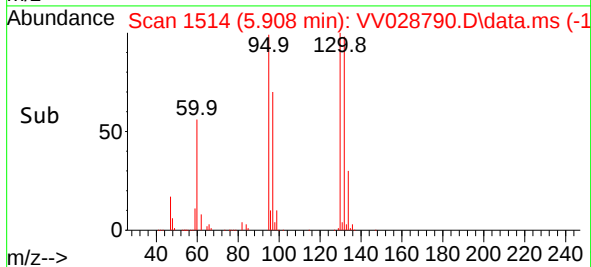
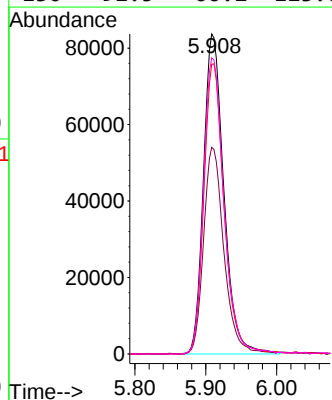
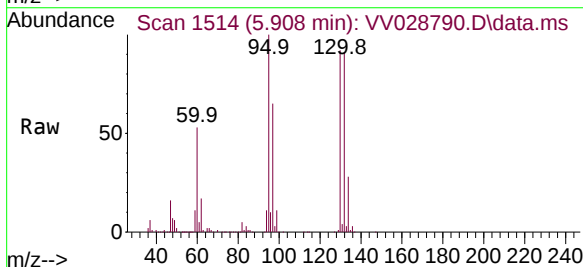
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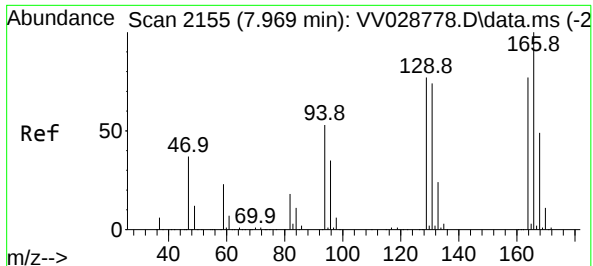
Tgt Ion: 96 Resp: 56702  
Ion Ratio Lower Upper  
96 100  
61 145.9 102.3 190.1  
68 0.0 0.1 0.3#



#34  
Trichloroethene  
Concen: 53.161 ug/L  
RT: 5.908 min Scan# 1514  
Delta R.T. 0.000 min  
Lab File: VV028790.D  
Acq: 31 Oct 2022 19:07

Tgt Ion: 95 Resp: 166840  
Ion Ratio Lower Upper  
95 100  
97 64.5 46.2 85.8  
132 90.5 63.2 117.4  
130 92.5 66.2 123.0





#46  
 Tetrachloroethene  
 Concen: 2.108 ug/L  
 RT: 7.973 min Scan# 2156  
 Delta R.T. 0.003 min  
 Lab File: VV028790.D  
 Acq: 31 Oct 2022 19:07

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YBMP9

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 4586        |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 129         | 101.1 | 69.5 129.1  |
| 131         | 110.2 | 66.4 123.2  |
| 166         | 121.3 | 88.5 164.3  |

