

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV033023\  
 Data File : VV030370.D  
 Acq On : 30 Mar 2023 19:33  
 Operator : SY/MD  
 Sample : 02099-10  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Quant Time: Mar 31 05:44:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 31 05:37:21 2023  
 Response via : Initial Calibration

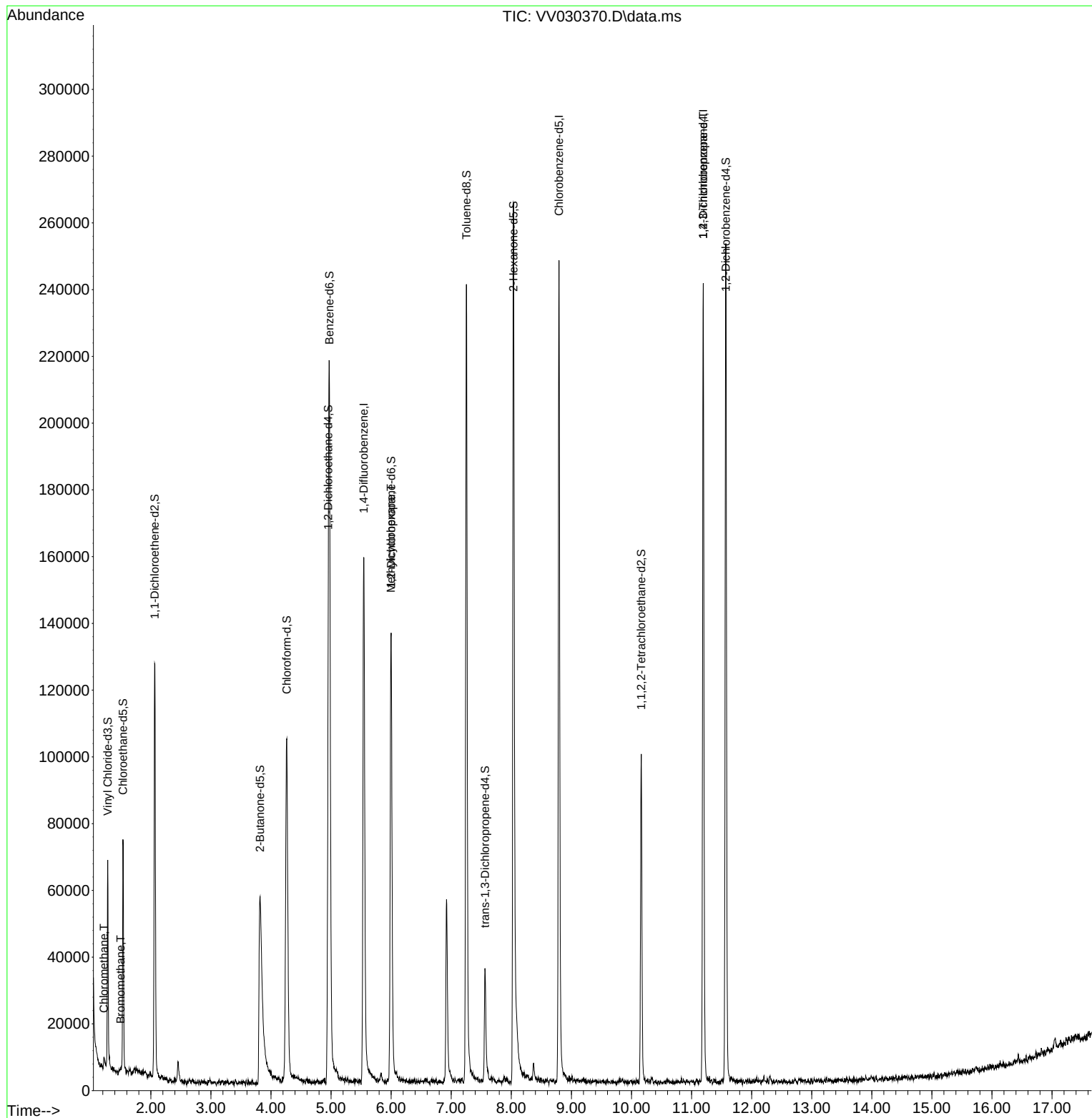
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.545  | 114   | 137792   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.793  | 117   | 132938   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152   | 64801    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282  | 65    | 38343    | 4.201    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 84.000%  |
| 7) Chloroethane-d5            | 1.536  | 69    | 41709    | 4.710    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 94.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 63    | 66932    | 3.091    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 61.800%  |
| 20) 2-Butanone-d5             | 3.818  | 46    | 125521   | 53.214   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 106.420% |
| 24) Chloroform-d              | 4.262  | 84    | 108610   | 4.917    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.953  | 65    | 54458    | 5.226    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.600% |
| 32) Benzene-d6                | 4.973  | 84    | 192094   | 5.128    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.600% |
| 36) 1,2-Dichloropropane-d6    | 5.998  | 67    | 61696    | 5.261    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 105.200% |
| 41) Toluene-d8                | 7.252  | 98    | 159717   | 4.643    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.800%  |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79    | 20496    | 4.642    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 92.800%  |
| 46) 2-Hexanone-d5             | 8.034  | 63    | 93463    | 52.674   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 105.340% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84    | 45806    | 4.956    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.571 | 152   | 64160    | 5.540    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 110.800% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.217  | 50    | 2942     | 0.133    | ug/L   | 99       |
| 6) Bromomethane               | 1.497  | 94    | 457      | 0.099    | ug/L   | 90       |
| 35) Methylcyclohexane         | 5.995  | 83    | 15095    | 0.755    | ug/L # | 18       |
| 61) 1,2,3-Trichloropropane    | 11.194 | 75    | 7160     | 1.236    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

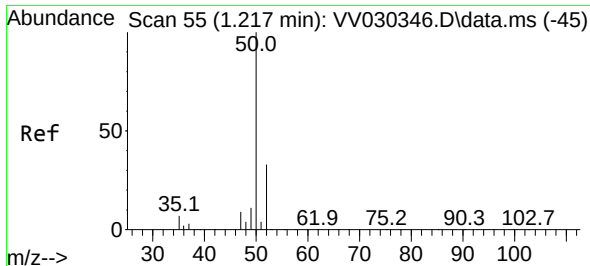
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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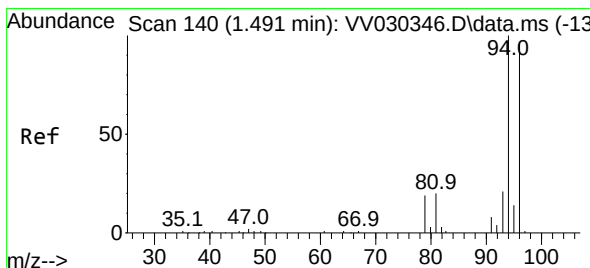
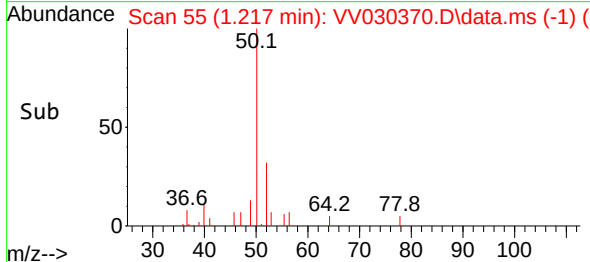
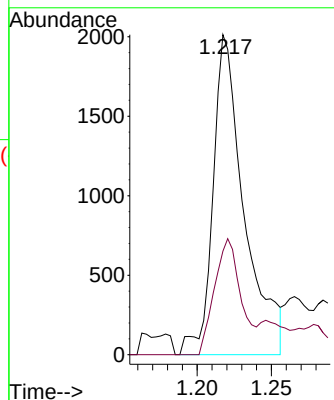
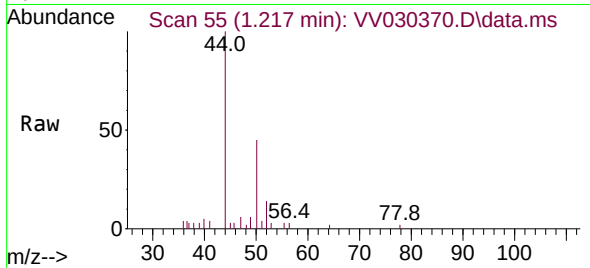




#3  
Chloromethane  
Concen: 0.133 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VV030370.D  
Acq: 30 Mar 2023 19:33

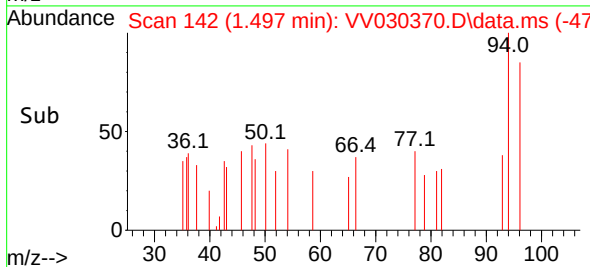
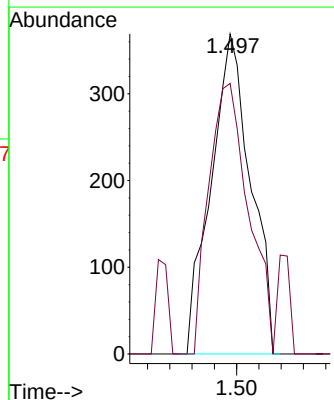
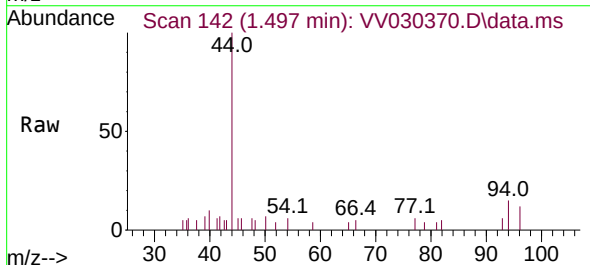
Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK001

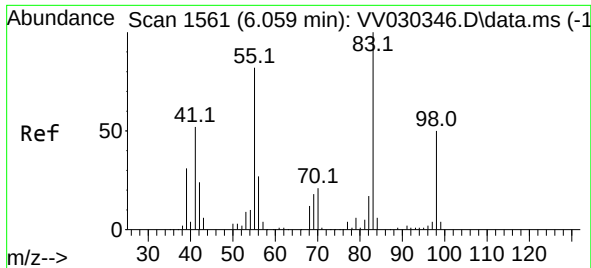
Tgt Ion: 50 Resp: 2942  
Ion Ratio Lower Upper  
50 100  
52 32.3 22.3 41.5



#6  
Bromomethane  
Concen: 0.099 ug/L  
RT: 1.497 min Scan# 142  
Delta R.T. 0.006 min  
Lab File: VV030370.D  
Acq: 30 Mar 2023 19:33

Tgt Ion: 94 Resp: 457  
Ion Ratio Lower Upper  
94 100  
96 84.6 66.1 122.7

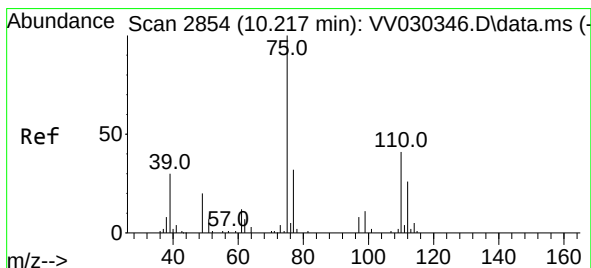
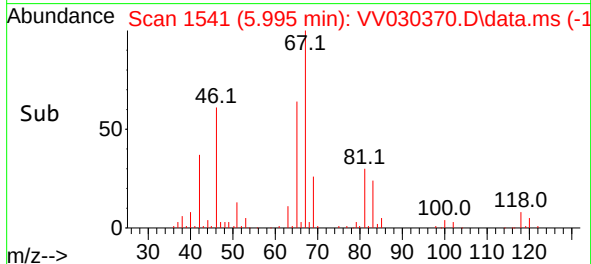
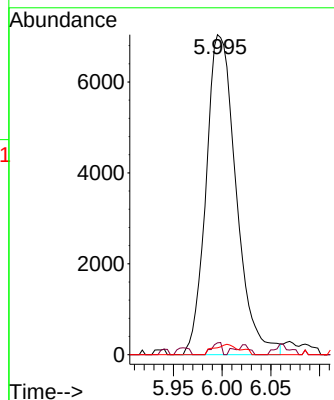
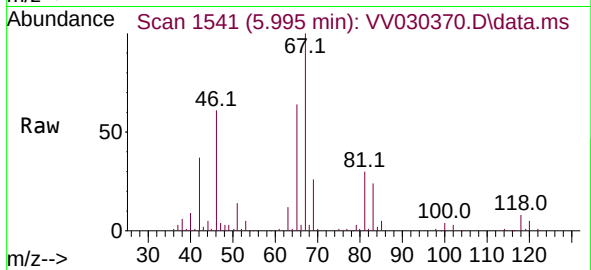




#35  
Methylcyclohexane  
Concen: 0.755 ug/L  
RT: 5.995 min Scan# 11  
Delta R.T. -0.064 min  
Lab File: VV030370.D  
Acq: 30 Mar 2023 19:33

Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK001

Tgt Ion: 83 Resp: 15095  
Ion Ratio Lower Upper  
83 100  
55 1.2 66.6 100.0#  
98 2.3 38.6 58.0#



#61  
1,2,3-Trichloropropane  
Concen: 1.236 ug/L  
RT: 11.194 min Scan# 3158  
Delta R.T. 0.977 min  
Lab File: VV030370.D  
Acq: 30 Mar 2023 19:33

Tgt Ion: 75 Resp: 7160  
Ion Ratio Lower Upper  
75 100  
77 38.0 26.0 39.0  
110 3.7 31.6 47.4#

