

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041723\  
 Data File : VW030600.D  
 Acq On : 17 Apr 2023 19:48  
 Operator : SY/MD  
 Sample : 02360-08  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COAPO

Quant Time: Apr 18 02:52:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 18 02:45:56 2023  
 Response via : Initial Calibration

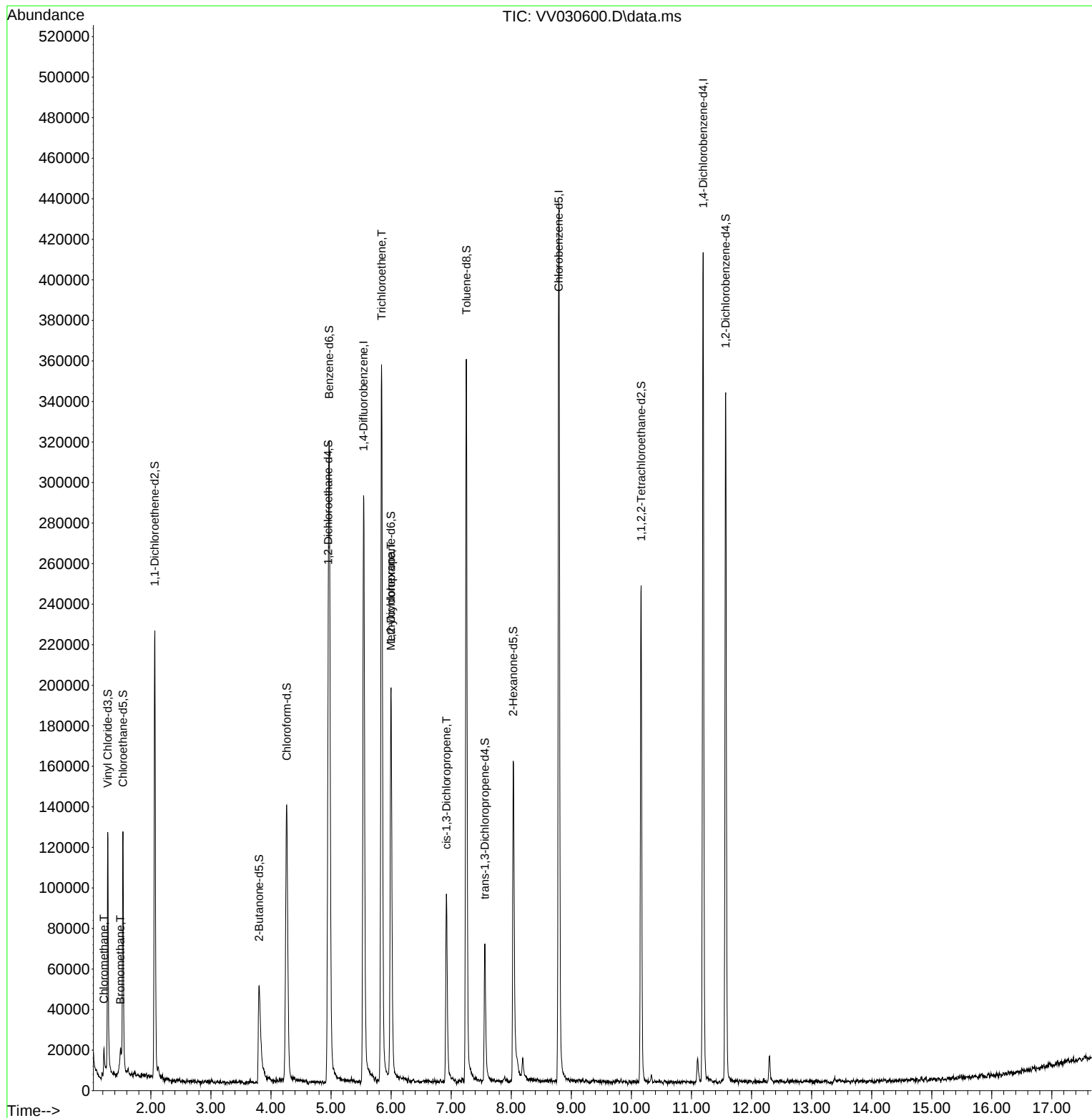
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114   | 248005   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.792   | 117   | 232684   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194  | 152   | 105532   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.281   | 65    | 79773    | 43.878   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 87.760%  |
| 7) Chloroethane-d5            | 1.536   | 69    | 66591    | 43.708   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 87.420%  |
| 11) 1,1-Dichloroethene-d2     | 2.066   | 65    | 38162    | 44.262   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 88.520%  |
| 21) 2-Butanone-d5             | 3.802   | 46    | 82341    | 82.457   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 82.460%  |
| 24) Chloroform-d              | 4.262   | 84    | 141358   | 42.904   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 85.800%  |
| 26) 1,2-Dichloroethane-d4     | 4.953   | 65    | 96582    | 45.595   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.180%  |
| 32) Benzene-d6                | 4.969   | 84    | 269879   | 49.057   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.120%  |
| 36) 1,2-Dichloropropane-d6    | 5.998   | 67    | 83983    | 49.146   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 98.300%  |
| 41) Toluene-d8                | 7.252   | 98    | 231085   | 44.739   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 89.480%  |
| 43) trans-1,3-Dichloroprop... | 7.561   | 79    | 38968    | 45.244   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 90.480%  |
| 47) 2-Hexanone-d5             | 8.034   | 63    | 55668    | 82.694   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 82.690%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162  | 84    | 108575   | 43.787   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 87.580%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.570  | 152   | 86255    | 51.422   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.840% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.220   | 50    | 15075    | 5.390    | ug/L   | 92       |
| 6) Bromomethane               | 1.494   | 94    | 2846     | 3.183    | ug/L   | 87       |
| 34) Trichloroethene           | 5.841   | 95    | 122063   | 66.414   | ug/L   | 97       |
| 35) Methylcyclohexane         | 5.995   | 83    | 21247    | 7.378    | ug/L # | 16       |
| 39) cis-1,3-Dichloropropene   | 6.921   | 75    | 2539     | 0.890    | ug/L # | 53       |
| -----                         |         |       |          |          |        |          |

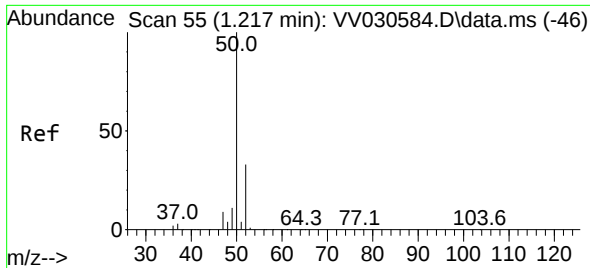
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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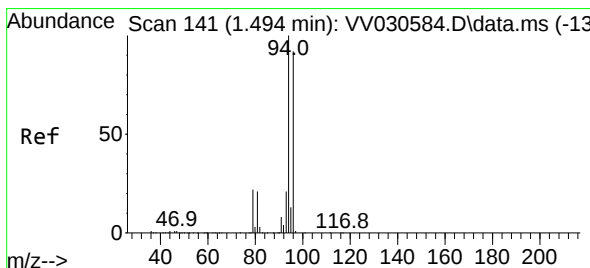
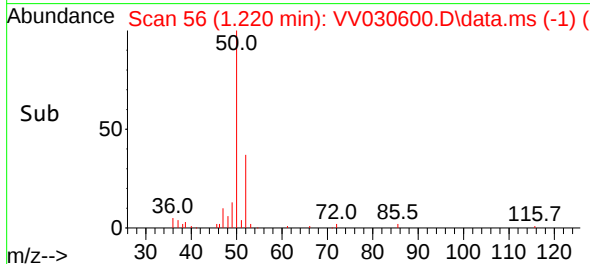
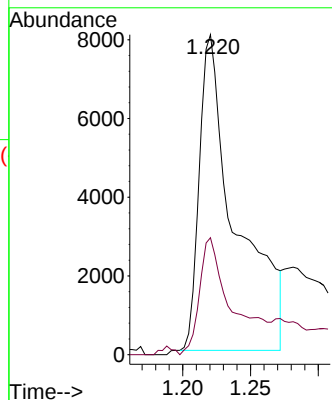
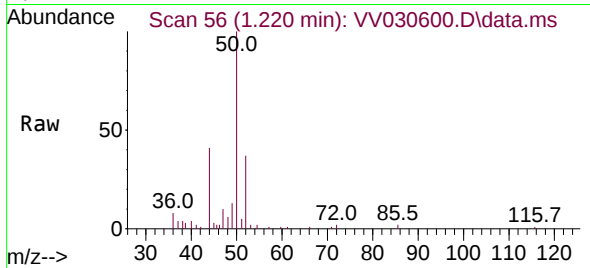




#3  
Chloromethane  
Concen: 5.390 ug/L  
RT: 1.220 min Scan# 50  
Delta R.T. 0.003 min  
Lab File: VV030600.D  
Acq: 17 Apr 2023 19:48

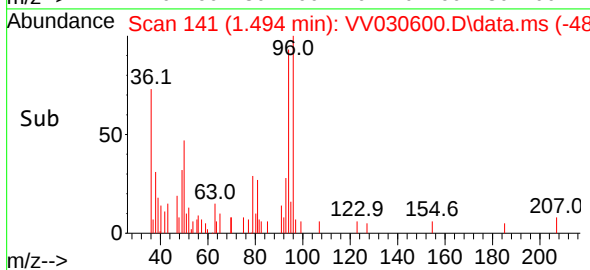
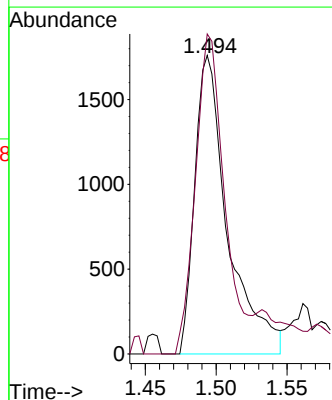
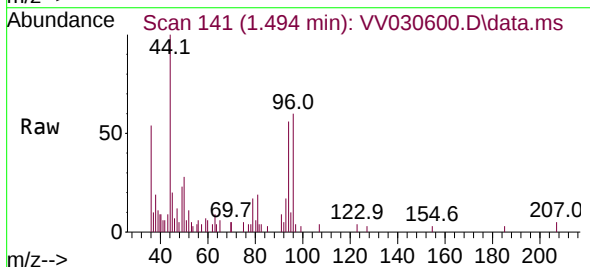
Instrument :  
MSVOA\_V  
ClientSampleId :  
COAP0

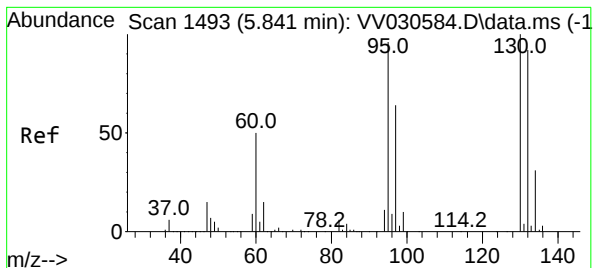
Tgt Ion: 50 Resp: 15075  
Ion Ratio Lower Upper  
50 100  
52 36.6 22.5 41.9



#6  
Bromomethane  
Concen: 3.183 ug/L  
RT: 1.494 min Scan# 141  
Delta R.T. -0.000 min  
Lab File: VV030600.D  
Acq: 17 Apr 2023 19:48

Tgt Ion: 94 Resp: 2846  
Ion Ratio Lower Upper  
94 100  
96 107.2 66.3 123.1





#34

Trichloroethene

Concen: 66.414 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VV030600.D

Acq: 17 Apr 2023 19:48

Instrument :

MSVOA\_V

ClientSampleId :

COAP0

Tgt Ion: 95 Resp: 122063

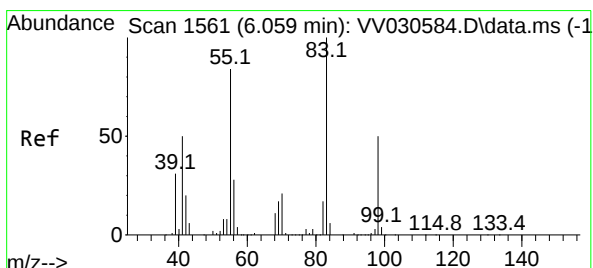
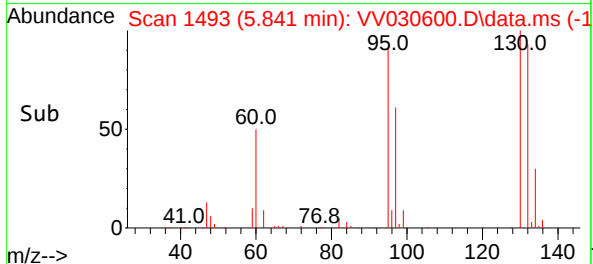
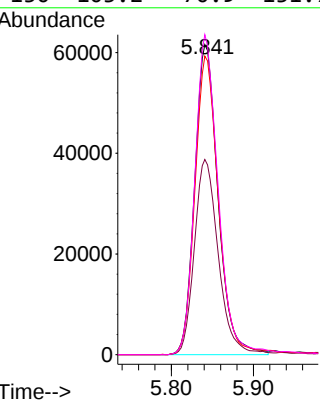
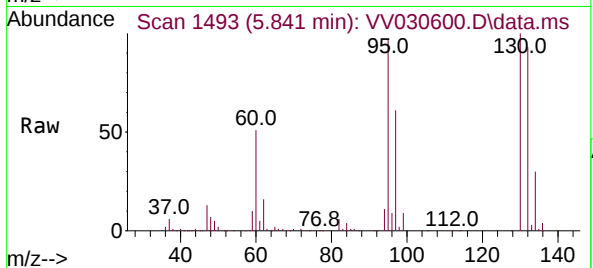
Ion Ratio Lower Upper

95 100

97 62.9 45.8 85.2

132 96.3 70.6 131.2

130 103.2 70.9 131.7



#35

Methylcyclohexane

Concen: 7.378 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.064 min

Lab File: VV030600.D

Acq: 17 Apr 2023 19:48

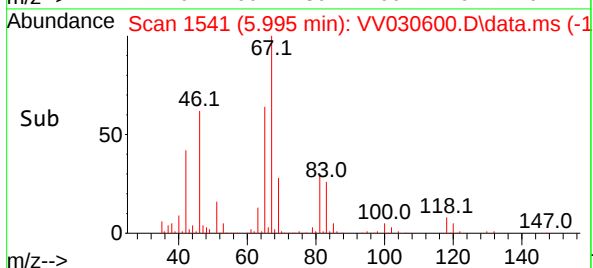
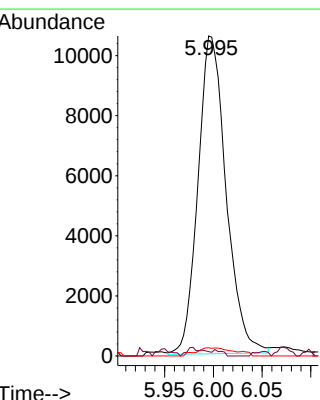
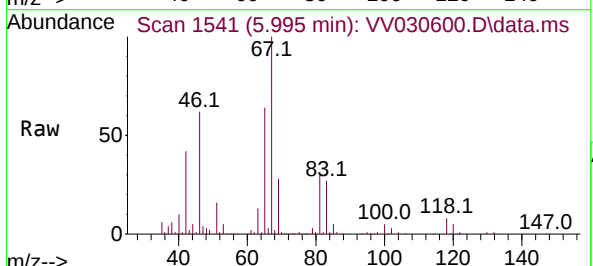
Tgt Ion: 83 Resp: 21247

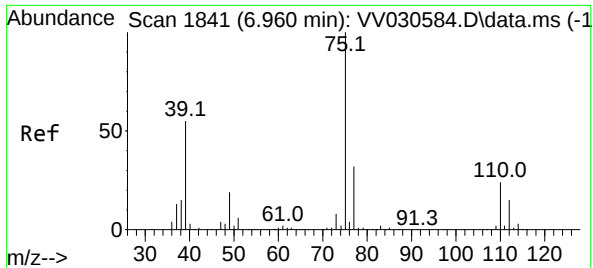
Ion Ratio Lower Upper

83 100

55 0.1 65.5 98.3#

98 0.7 38.7 58.1#





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.890 ug/L  
 RT: 6.921 min Scan# 11  
 Delta R.T. -0.039 min  
 Lab File: VV030600.D  
 Acq: 17 Apr 2023 19:48

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AP0

Tgt Ion: 75 Resp: 2539  
 Ion Ratio Lower Upper  
 75 100  
 77 57.4 22.0 40.8#

