

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW051923\  
 Data File : VW031146.D  
 Acq On : 20 May 2023 08:02  
 Operator : SY/MD  
 Sample : 02865-20  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GBX75

Quant Time: May 22 00:15:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM051923WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat May 20 01:55:03 2023  
 Response via : Initial Calibration

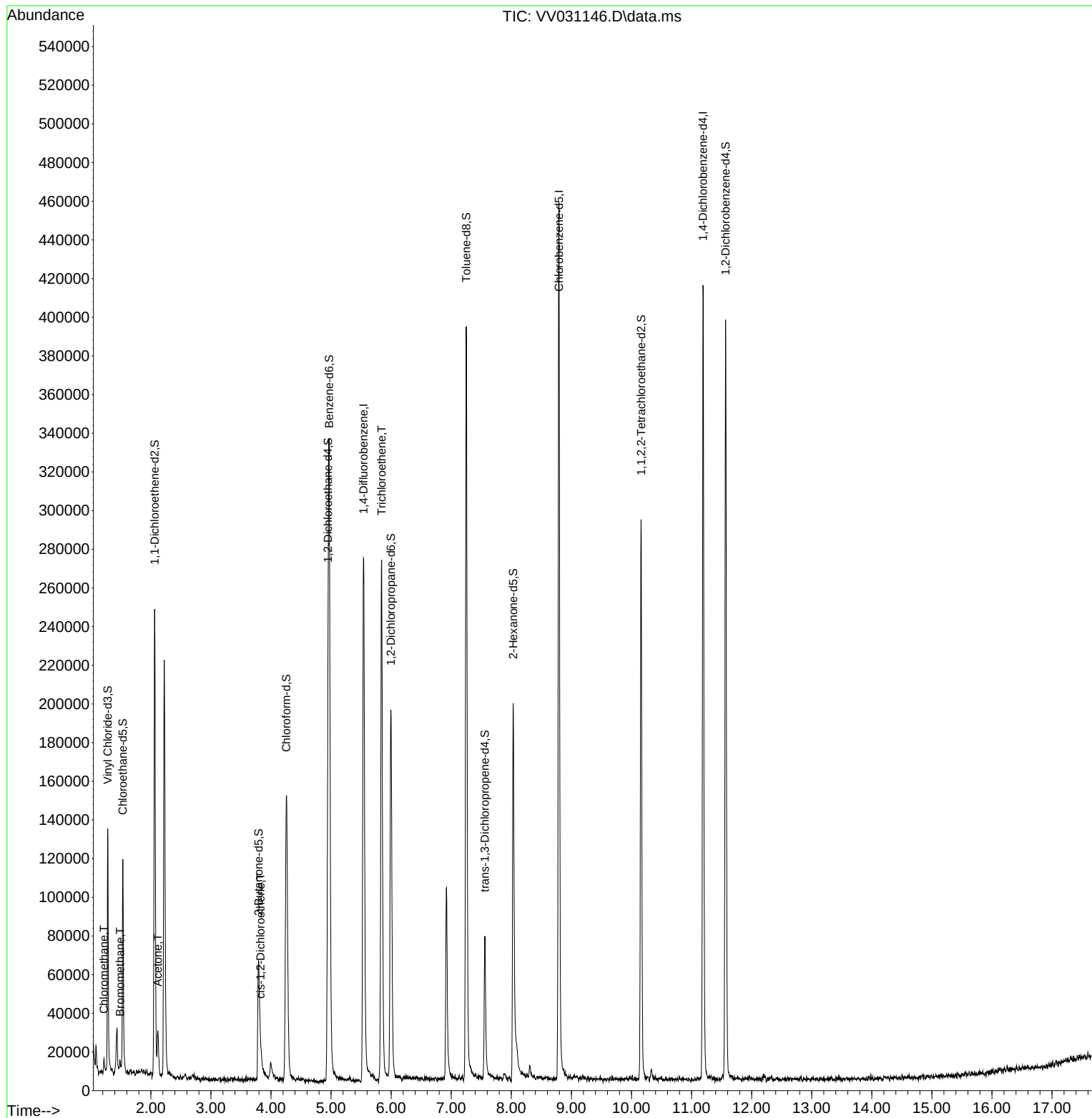
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.539   | 114   | 231685   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.793   | 117   | 242987   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191  | 152   | 108176   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282   | 65    | 83932    | 42.389   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 84.780%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 69158    | 45.339   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 90.680%  |
| 11) 1,1-Dichloroethene-d2     | 2.063   | 65    | 39879    | 42.950   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 85.900%  |
| 21) 2-Butanone-d5             | 3.793   | 46    | 96482    | 91.448   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 91.450%  |
| 24) Chloroform-d              | 4.256   | 84    | 153201   | 43.736   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.480%  |
| 26) 1,2-Dichloroethane-d4     | 4.950   | 65    | 109612   | 46.308   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.620%  |
| 32) Benzene-d6                | 4.970   | 84    | 268977   | 40.833   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.660%  |
| 36) 1,2-Dichloropropane-d6    | 5.995   | 67    | 79100    | 40.133   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 80.260%  |
| 41) Toluene-d8                | 7.249   | 98    | 254455   | 41.389   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 82.780%  |
| 43) trans-1,3-Dichloroprop... | 7.558   | 79    | 39951    | 40.402   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 80.800%  |
| 47) 2-Hexanone-d5             | 8.031   | 63    | 62825    | 81.754   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 81.750%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 124739   | 42.196   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 84.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.567  | 152   | 100510   | 51.705   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 103.400% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.220   | 50    | 8375     | 5.114    | ug/L   | 96       |
| 6) Bromomethane               | 1.487   | 94    | 2321     | 2.832    | ug/L   | 98       |
| 13) Acetone                   | 2.118   | 43    | 21406    | 15.606   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.828   | 96    | 2029     | 1.383    | ug/L   | 95       |
| 34) Trichloroethene           | 5.841   | 95    | 87300    | 55.969   | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

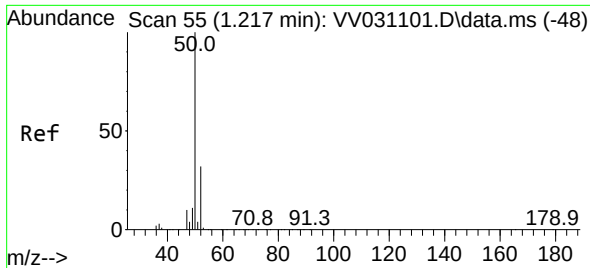
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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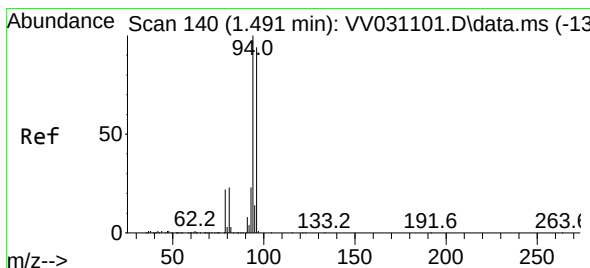
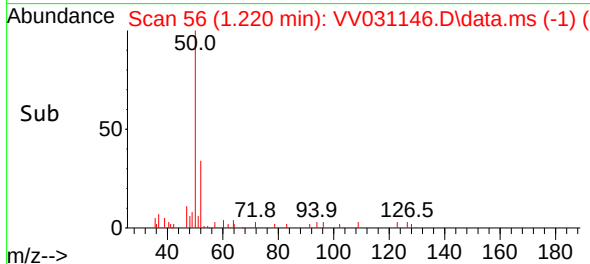
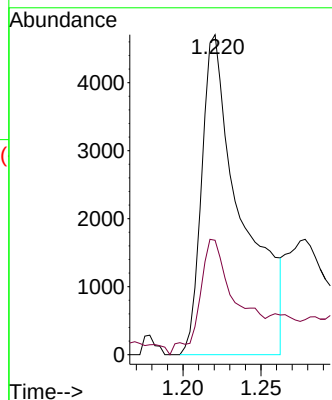
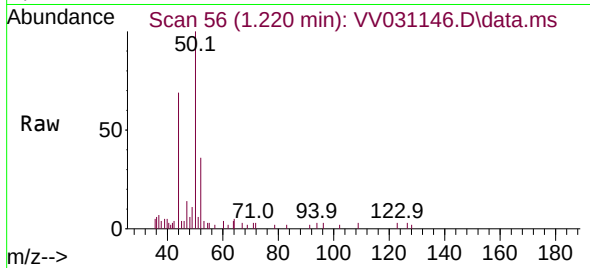




#3  
Chloromethane  
Concen: 5.114 ug/L  
RT: 1.220 min Scan# 50  
Delta R.T. 0.003 min  
Lab File: VV031146.D  
Acq: 20 May 2023 08:02

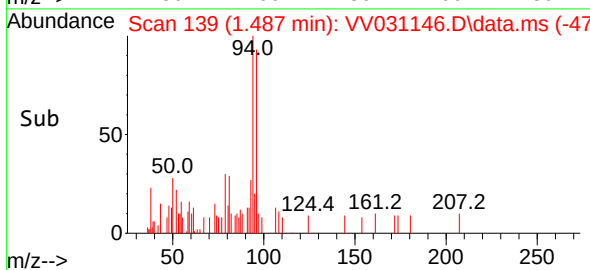
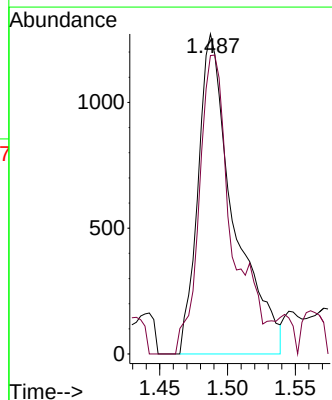
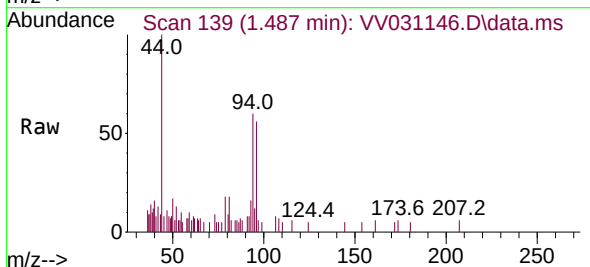
Instrument :  
MSVOA\_V  
ClientSampleId :  
GBX75

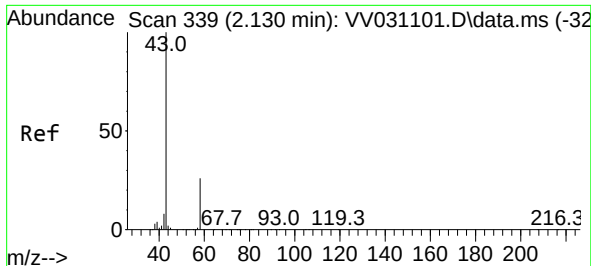
Tgt Ion: 50 Resp: 8375  
Ion Ratio Lower Upper  
50 100  
52 35.8 23.3 43.3



#6  
Bromomethane  
Concen: 2.832 ug/L  
RT: 1.487 min Scan# 139  
Delta R.T. -0.003 min  
Lab File: VV031146.D  
Acq: 20 May 2023 08:02

Tgt Ion: 94 Resp: 2321  
Ion Ratio Lower Upper  
94 100  
96 93.2 63.9 118.7





#13

Acetone

Concen: 15.606 ug/L

RT: 2.118 min Scan# 31

Delta R.T. -0.009 min

Lab File: VV031146.D

Acq: 20 May 2023 08:02

Instrument :

MSVOA\_V

ClientSampleId :

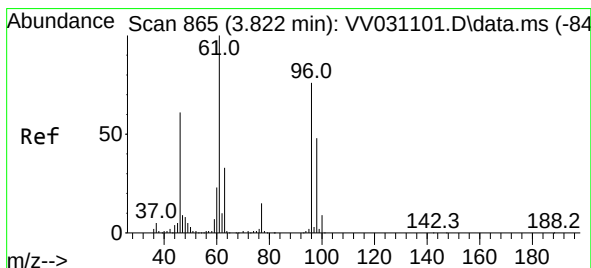
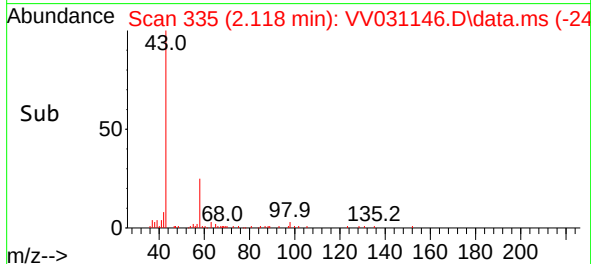
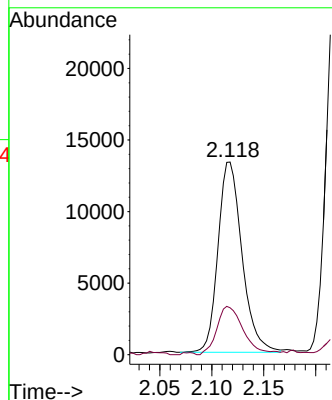
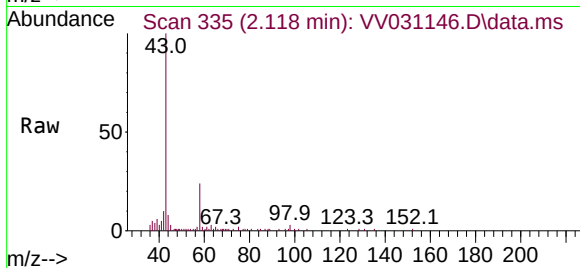
GBX75

Tgt Ion: 43 Resp: 21406

Ion Ratio Lower Upper

43 100

58 27.6 0.0 54.0



#20

cis-1,2-Dichloroethene

Concen: 1.383 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV031146.D

Acq: 20 May 2023 08:02

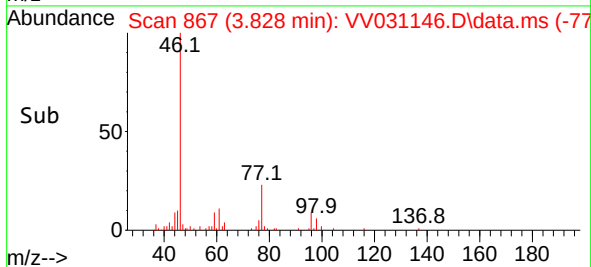
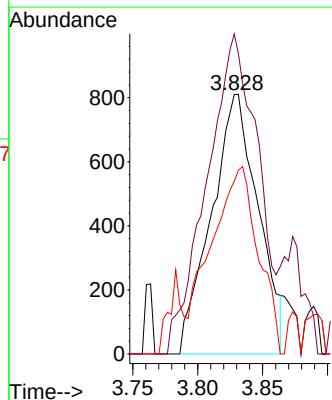
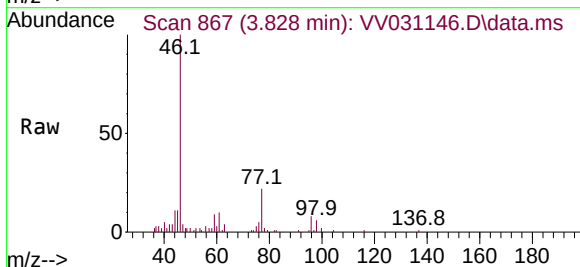
Tgt Ion: 96 Resp: 2029

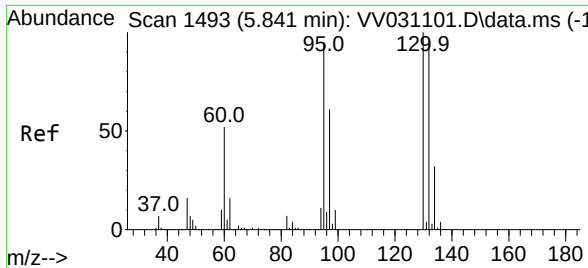
Ion Ratio Lower Upper

96 100

61 123.3 89.2 165.6

98 66.5 43.0 80.0





#34  
 Trichloroethene  
 Concen: 55.969 ug/L  
 RT: 5.841 min Scan# 1493  
 Delta R.T. 0.003 min  
 Lab File: VV031146.D  
 Acq: 20 May 2023 08:02

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GBX75

|             |             |
|-------------|-------------|
| Tgt Ion: 95 | Resp: 87300 |
| Ion Ratio   | Lower Upper |
| 95 100      |             |
| 97 64.8     | 44.4 82.5   |
| 132 100.6   | 70.2 130.4  |
| 130 106.3   | 71.5 132.7  |

