

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060321\  
 Data File : VV021489.D  
 Acq On : 03 Jun 2021 15:58  
 Operator : SY/MD  
 Sample : M2605-06  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG7K6

Quant Time: Jun 04 03:08:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM052721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 04 03:06:56 2021  
 Response via : Initial Calibration

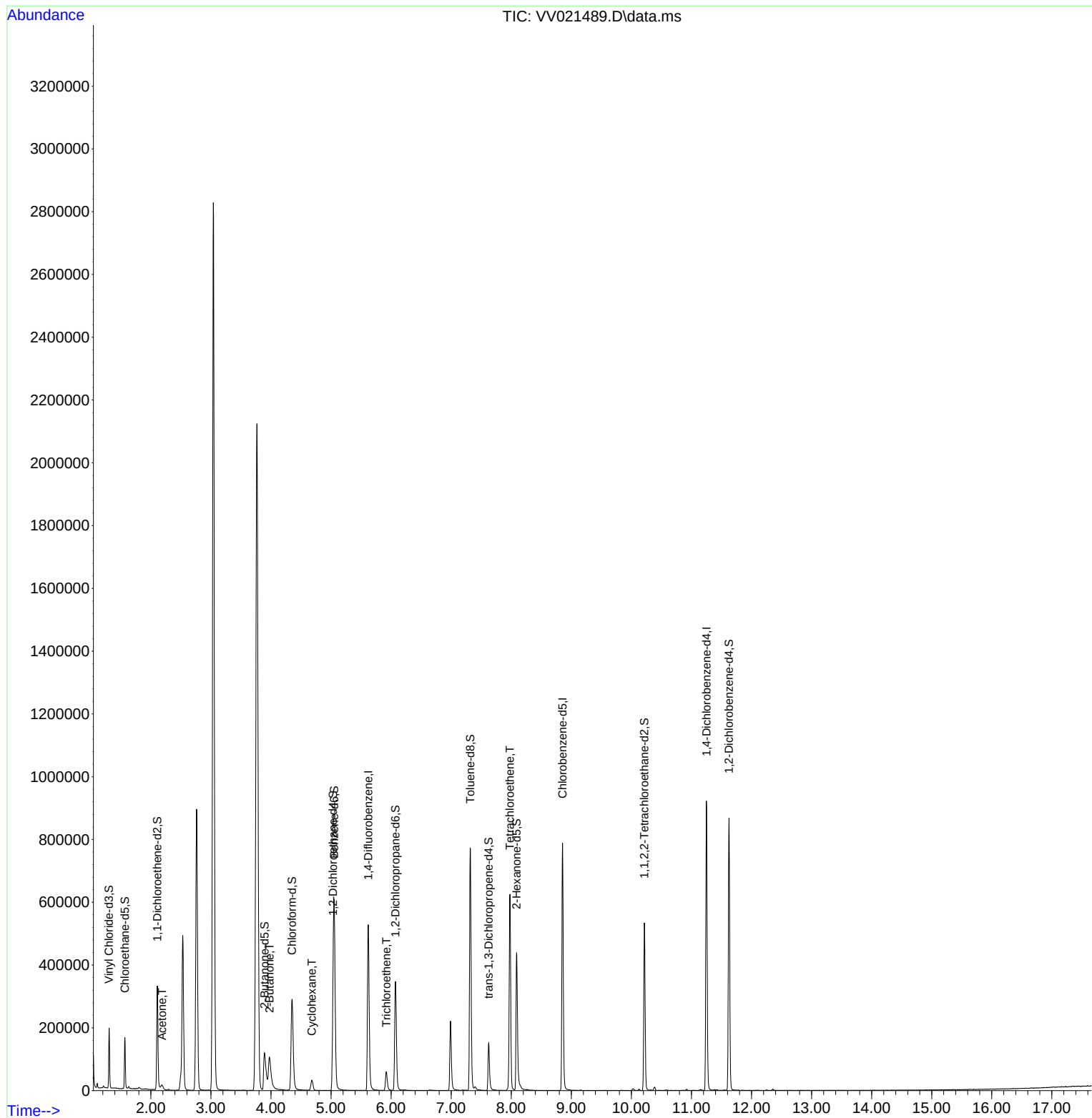
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 489833   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 463497   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249  | 152   | 264761   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 120091   | 37.237   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 74.480%  |
| 7) Chloroethane-d5            | 1.568   | 69    | 100539   | 41.908   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 83.820%  |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63    | 167358   | 30.370   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 60.740%  |
| 21) 2-Butanone-d5             | 3.892   | 46    | 221488   | 95.775   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 95.780%  |
| 24) Chloroform-d              | 4.352   | 84    | 271207   | 42.245   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.500%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 164735   | 44.550   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.100%  |
| 32) Benzene-d6                | 5.053   | 84    | 554382   | 42.755   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 85.520%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 175487   | 43.825   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 87.660%  |
| 41) Toluene-d8                | 7.317   | 98    | 532807   | 43.131   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 86.260%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 90015    | 42.006   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 84.020%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 165644   | 90.089   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 90.090%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 253821   | 45.665   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 91.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 243980   | 44.330   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 88.660%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.185   | 43    | 23128    | 11.623   | ug/L   | # 84     |
| 22) 2-Butanone                | 3.976   | 43    | 198794   | 78.868   | ug/L   | 94       |
| 29) Cyclohexane               | 4.680   | 56    | 18567    | 3.438    | ug/L   | 96       |
| 34) Trichloroethene           | 5.921   | 95    | 19856    | 5.506    | ug/L   | 93       |
| 46) Tetrachloroethene         | 7.979   | 164   | 156405   | 47.176   | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

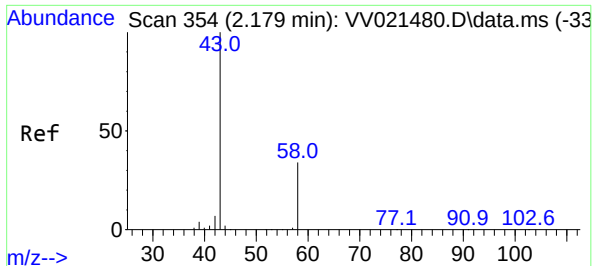
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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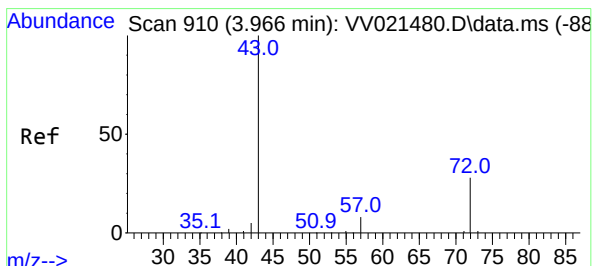
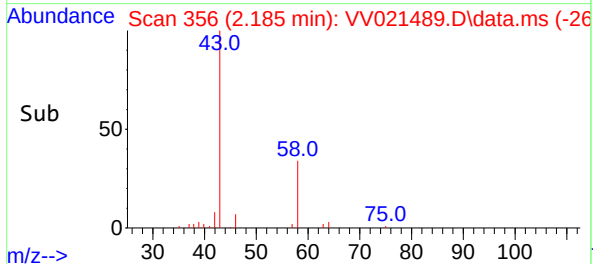
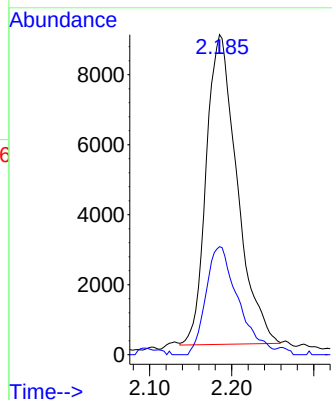
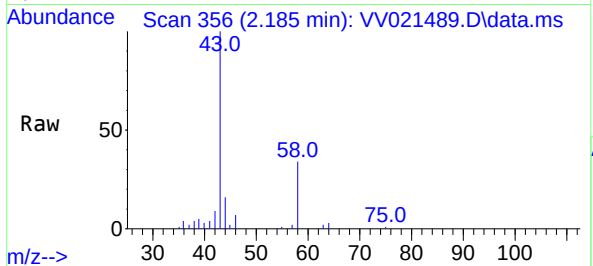




#13  
Acetone  
Concen: 11.623 ug/L  
RT: 2.185 min Scan# 356  
Delta R.T. 0.007 min  
Lab File: VV021489.D  
Acq: 03 Jun 2021 15:58

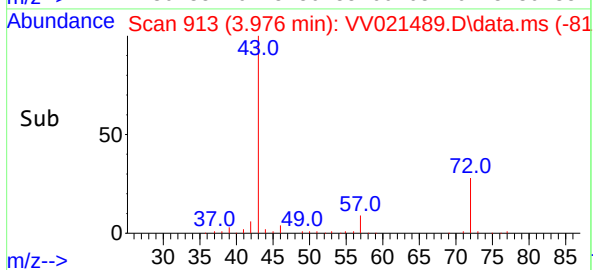
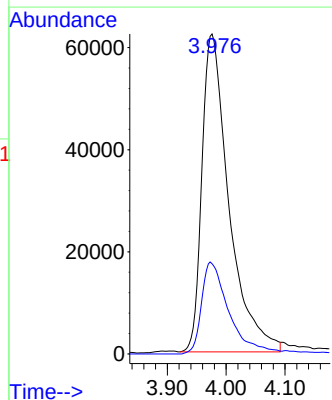
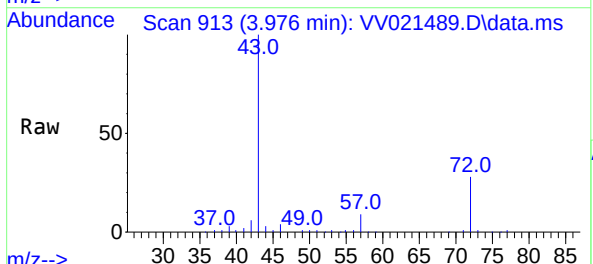
Instrument :  
MSVOA\_V  
ClientSampleId :  
BG7K6

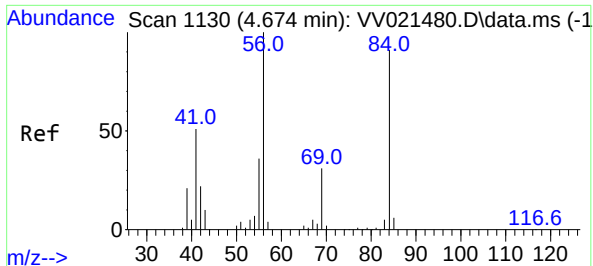
Tgt Ion: 43 Resp: 23128  
Ion Ratio Lower Upper  
43 100  
58 36.6 0.0 0.2#



#22  
2-Butanone  
Concen: 78.868 ug/L  
RT: 3.976 min Scan# 913  
Delta R.T. 0.010 min  
Lab File: VV021489.D  
Acq: 03 Jun 2021 15:58

Tgt Ion: 43 Resp: 198794  
Ion Ratio Lower Upper  
43 100  
72 29.2 13.1 39.1



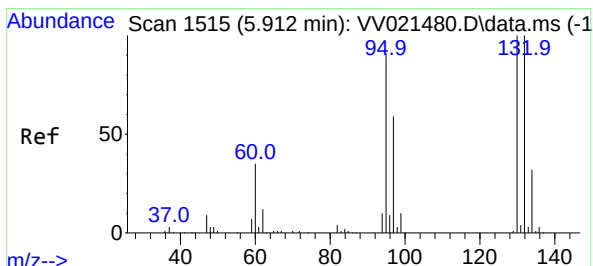
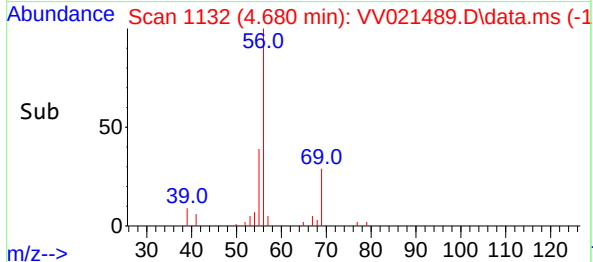
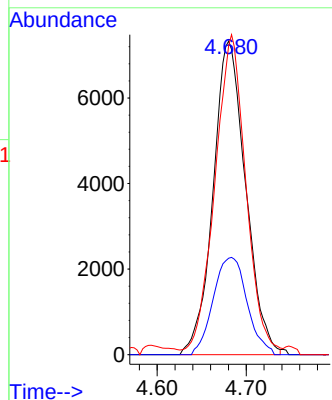
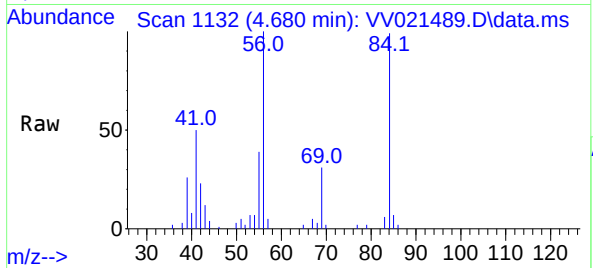


#29  
Cyclohexane  
Concen: 3.438 ug/L  
RT: 4.680 min Scan# 1132  
Delta R.T. 0.007 min  
Lab File: VV021489.D  
Acq: 03 Jun 2021 15:58

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG7K6

Tgt Ion: 56 Resp: 18567

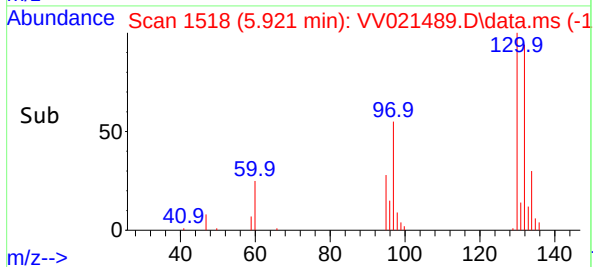
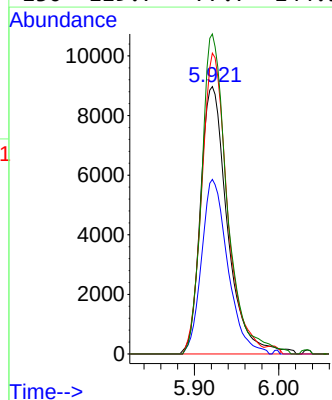
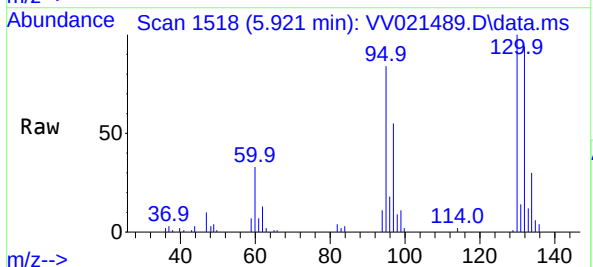
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.3  | 24.9  | 37.3  |
| 84  | 96.0  | 73.7  | 110.5 |

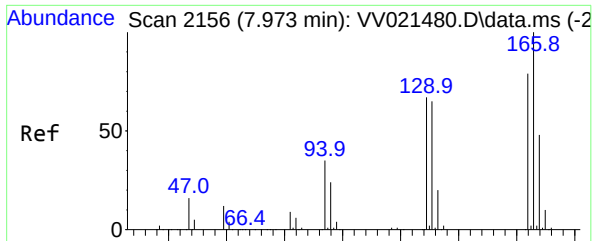


#34  
Trichloroethene  
Concen: 5.506 ug/L  
RT: 5.921 min Scan# 1518  
Delta R.T. 0.010 min  
Lab File: VV021489.D  
Acq: 03 Jun 2021 15:58

Tgt Ion: 95 Resp: 19856

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 65.3  | 44.3  | 82.3  |
| 132 | 112.5 | 73.2  | 136.0 |
| 130 | 119.7 | 77.7  | 144.3 |





#46  
Tetrachloroethene  
Concen: 47.176 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.007 min  
Lab File: VV021489.D  
Acq: 03 Jun 2021 15:58

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG7K6

Tgt Ion:164 Resp: 156405

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 82.8  | 60.5  | 112.3 |
| 131 | 80.8  | 58.7  | 108.9 |
| 166 | 125.1 | 88.1  | 163.5 |

