

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060321\  
 Data File : VV021487.D  
 Acq On : 03 Jun 2021 15:10  
 Operator : SY/MD  
 Sample : M2605-04  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 04 03:08:06 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

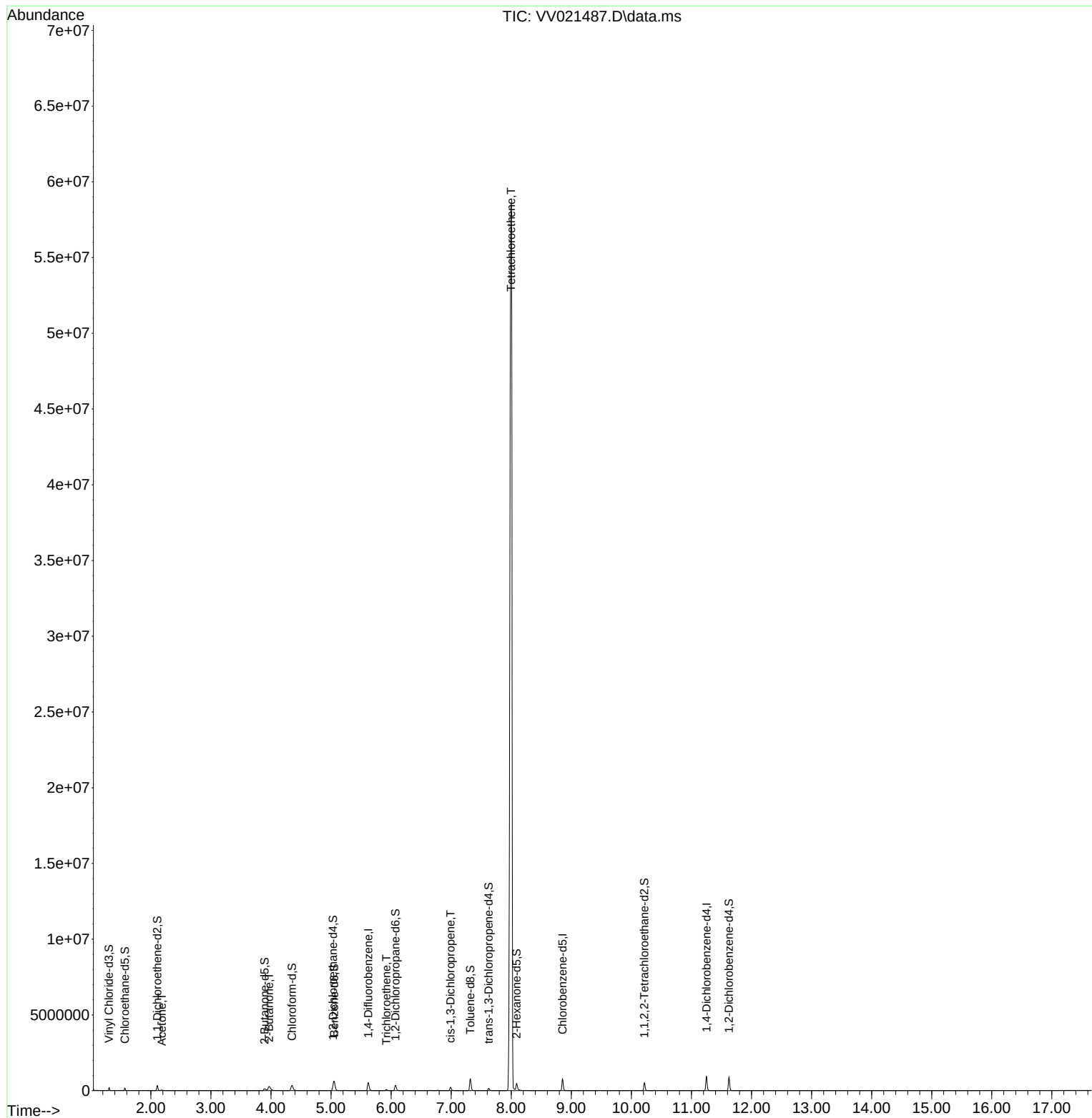
| Compound                      | R.T.    | QIon           | Response | Conc     | Units   | Dev(Min) |
|-------------------------------|---------|----------------|----------|----------|---------|----------|
| Internal Standards            |         |                |          |          |         |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114            | 492445   | 50.000   | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117            | 454150   | 50.000   | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249  | 152            | 268163   | 50.000   | ug/L    | 0.00     |
| System Monitoring Compounds   |         |                |          |          |         |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65             | 123705   | 38.155   | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =        | 76.300% |          |
| 7) Chloroethane-d5            | 1.568   | 69             | 102690   | 42.578   | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =        | 85.160% |          |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63             | 169462   | 30.588   | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =        | 61.180% |          |
| 21) 2-Butanone-d5             | 3.892   | 46             | 224467   | 96.549   | ug/L    | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =        | 96.550% |          |
| 24) Chloroform-d              | 4.352   | 84             | 276124   | 42.783   | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =        | 85.560% |          |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65             | 164756   | 44.320   | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =        | 88.640% |          |
| 32) Benzene-d6                | 5.053   | 84             | 564039   | 44.395   | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =        | 88.800% |          |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67             | 176775   | 45.055   | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =        | 90.120% |          |
| 41) Toluene-d8                | 7.320   | 98             | 538107   | 44.456   | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =        | 88.920% |          |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79             | 92279    | 43.949   | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =        | 87.900% |          |
| 47) 2-Hexanone-d5             | 8.088   | 63             | 161700   | 89.754   | ug/L    | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =        | 89.750% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84             | 250062   | 45.914   | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =        | 91.820% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152            | 247915   | 44.474   | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =        | 88.940% |          |
| Target Compounds              |         |                |          |          |         |          |
| 13) Acetone                   | 2.182   | 43             | 58351    | 29.170   | ug/L #  | 85       |
| 22) 2-Butanone                | 3.969   | 43             | 519621   | 205.056  | ug/L    | 96       |
| 34) Trichloroethene           | 5.921   | 95             | 22381    | 6.334    | ug/L    | 97       |
| 39) cis-1,3-Dichloropropene   | 6.989   | 75             | 5267     | 0.945    | ug/L #  | 63       |
| 46) Tetrachloroethene         | 7.998   | 164            | 19711255 | 6067.770 | ug/L    | 91       |

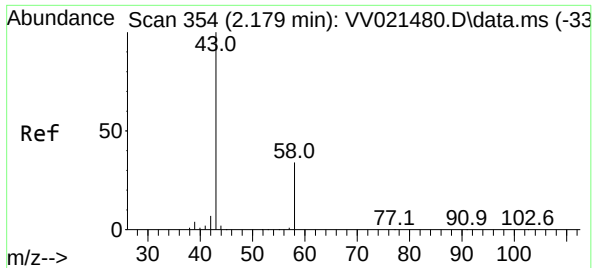
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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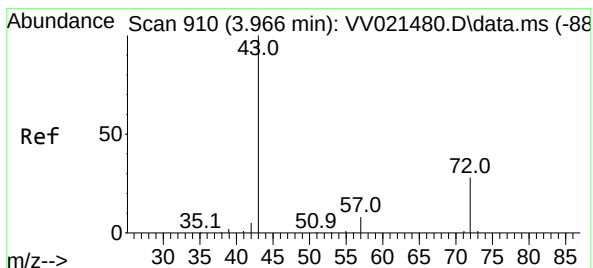
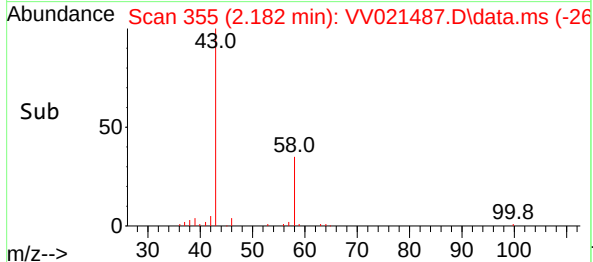
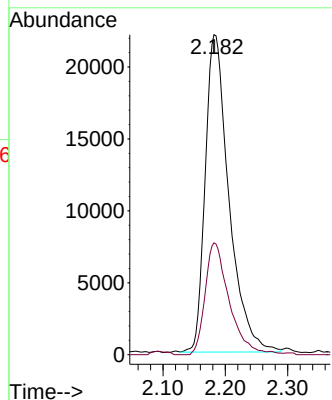
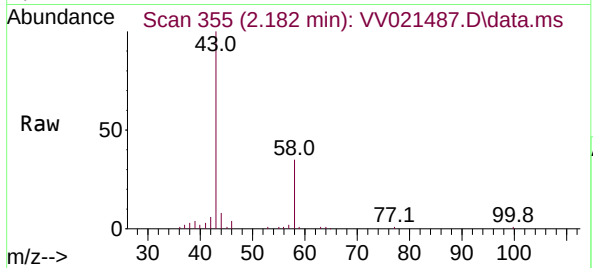




#13  
Acetone  
Concen: 29.170 ug/L  
RT: 2.182 min Scan# 355  
Delta R.T. 0.003 min  
Lab File: VV021487.D  
Acq: 03 Jun 2021 15:10

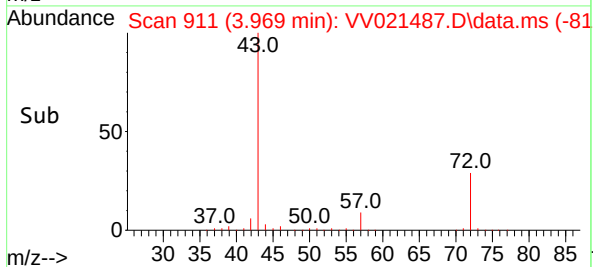
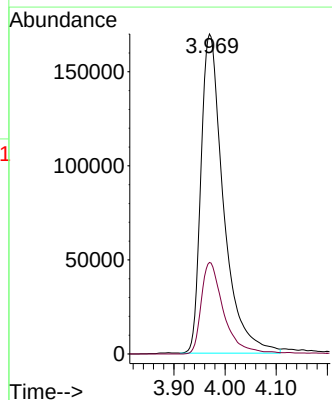
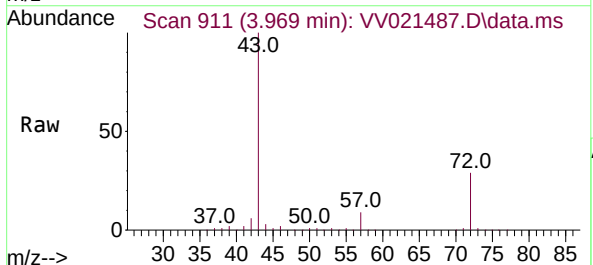
Instrument :  
MSVOA\_V  
ClientSampled :

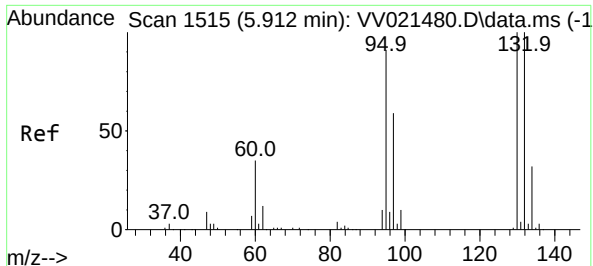
Tgt Ion: 43 Resp: 58351  
Ion Ratio Lower Upper  
43 100  
58 35.3 0.0 0.2#



#22  
2-Butanone  
Concen: 205.056 ug/L  
RT: 3.969 min Scan# 911  
Delta R.T. 0.003 min  
Lab File: VV021487.D  
Acq: 03 Jun 2021 15:10

Tgt Ion: 43 Resp: 519621  
Ion Ratio Lower Upper  
43 100  
72 28.2 13.1 39.1

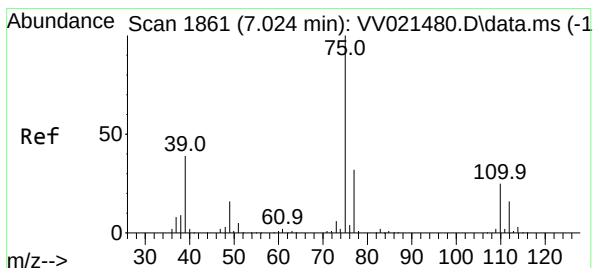
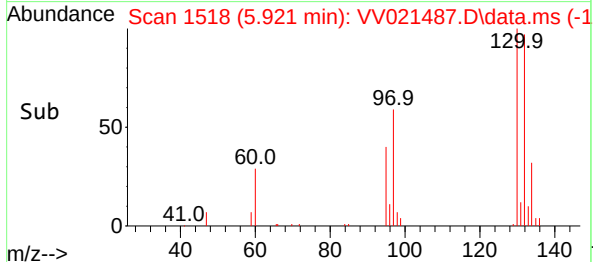
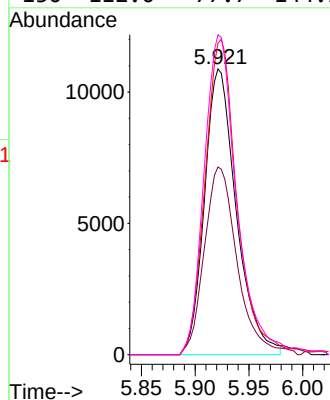
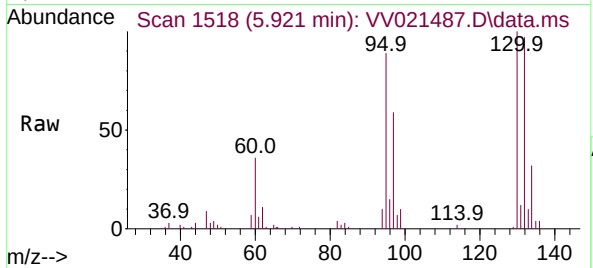




#34  
Trichloroethene  
Concen: 6.334 ug/L  
RT: 5.921 min Scan# 1518  
Delta R.T. 0.010 min  
Lab File: VV021487.D  
Acq: 03 Jun 2021 15:10

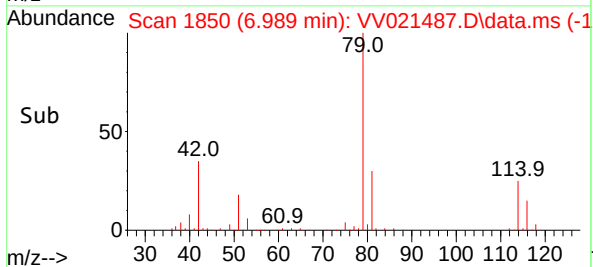
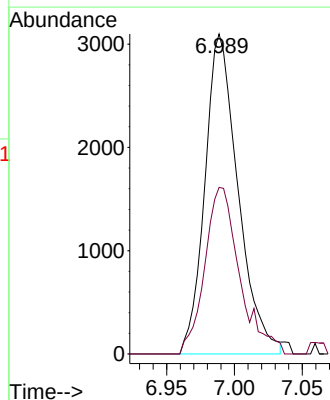
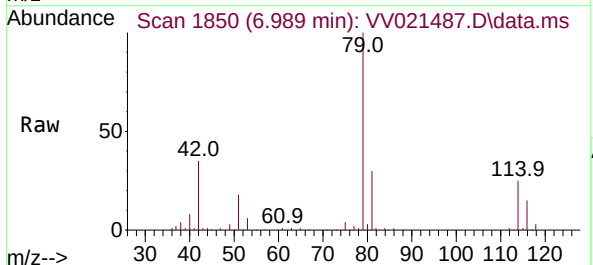
Instrument :  
MSVOA\_V  
ClientSampled :

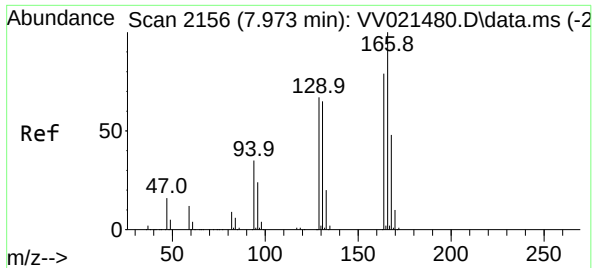
Tgt Ion: 95 Resp: 22381  
Ion Ratio Lower Upper  
95 100  
97 65.7 44.3 82.3  
132 109.0 73.2 136.0  
130 112.0 77.7 144.3



#39  
cis-1,3-Dichloropropene  
Concen: 0.945 ug/L  
RT: 6.989 min Scan# 1850  
Delta R.T. -0.035 min  
Lab File: VV021487.D  
Acq: 03 Jun 2021 15:10

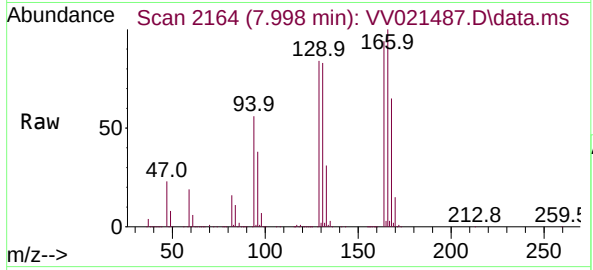
Tgt Ion: 75 Resp: 5267  
Ion Ratio Lower Upper  
75 100  
77 52.0 22.0 41.0#





#46  
 Tetrachloroethene  
 Concen: 6067.770 ug/L  
 RT: 7.998 min Scan# 2164  
 Delta R.T. 0.026 min  
 Lab File: VV021487.D  
 Acq: 03 Jun 2021 15:10

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion:164 Resp:19711255

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 89.5  | 60.5  | 112.3 |
| 131 | 88.2  | 58.7  | 108.9 |
| 166 | 106.8 | 88.1  | 163.5 |

