

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV093021\  
 Data File : VV022470.D  
 Acq On : 01 Oct 2021 06:53  
 Operator : SY/MD  
 Sample : M3997-05  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4A68

Quant Time: Oct 01 07:13:21 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 01 04:27:45 2021  
 Response via : Initial Calibration

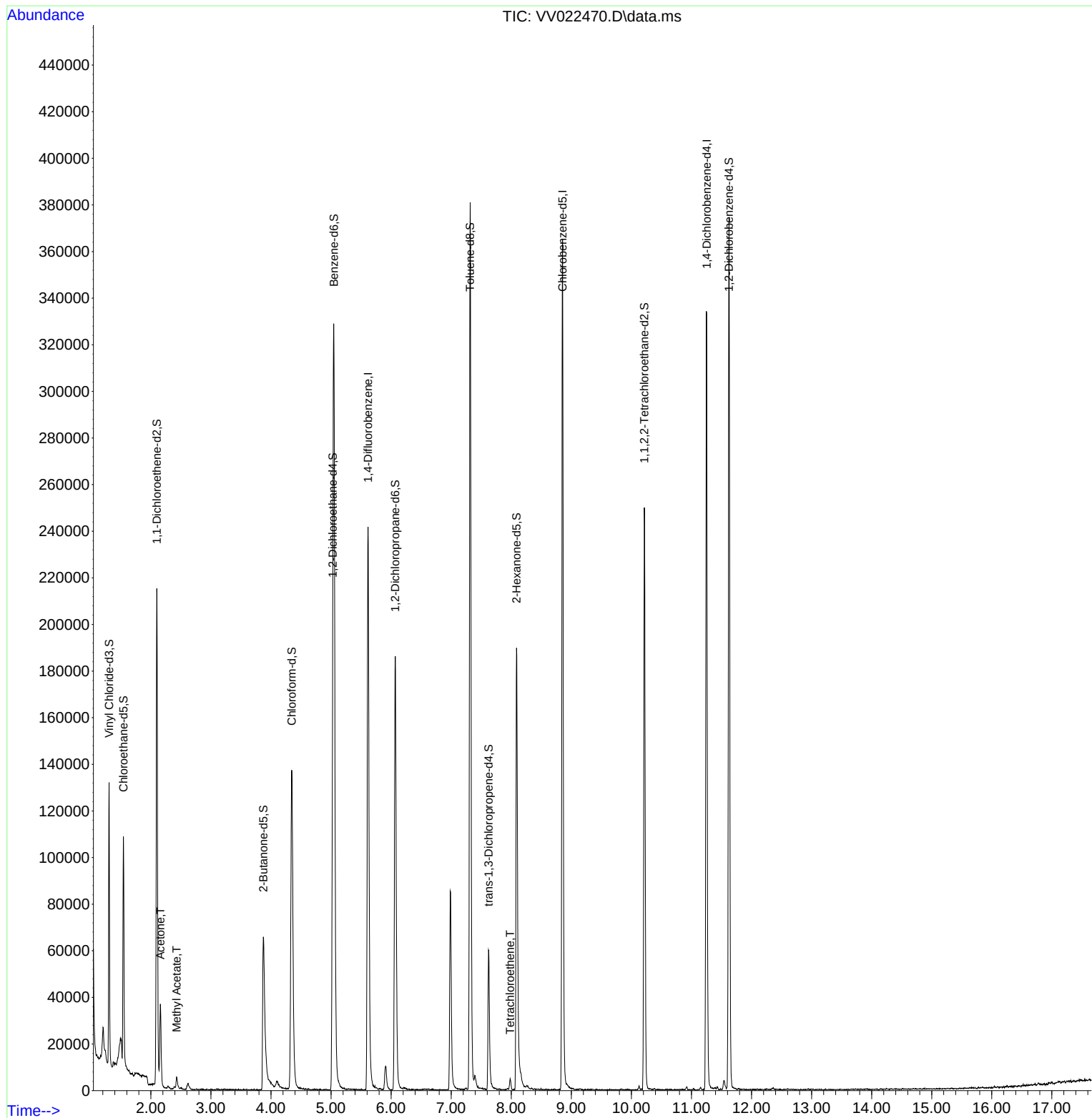
| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.616          | 114  | 216755     | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854          | 117  | 203560     | 50.00  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252         | 152  | 90227      | 50.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 76618      | 41.65  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 83.30% |        |          |
| 7) Chloroethane-d5            | 1.542          | 69   | 66945      | 46.01  | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 92.02% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.098          | 63   | 110452     | 34.54  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 69.08% |        |          |
| 21) 2-Butanone-d5             | 3.873          | 46   | 108299     | 83.42  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 83.42% |        |          |
| 24) Chloroform-d              | 4.346          | 84   | 138471     | 41.69  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.38% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.027          | 65   | 87782      | 43.10  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.20% |        |          |
| 32) Benzene-d6                | 5.047          | 84   | 290630     | 45.38  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.76% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 93324      | 45.55  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 91.10% |        |          |
| 41) Toluene-d8                | 7.317          | 98   | 250801     | 42.79  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 85.58% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 35112      | 37.53  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 75.06% |        |          |
| 47) 2-Hexanone-d5             | 8.088          | 63   | 65414      | 78.58  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 78.58% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 118755     | 39.93  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 79.86% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 99373      | 49.53  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 99.06% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 13) Acetone                   | 2.159          | 43   | 33911      | 33.28  | ug/L   | 98       |
| 15) Methyl Acetate            | 2.429          | 43   | 5910       | 3.11   | ug/L   | 99       |
| 46) Tetrachloroethene         | 7.982          | 164  | 1155       | 0.88   | ug/L   | 86       |
| -----                         |                |      |            |        |        |          |

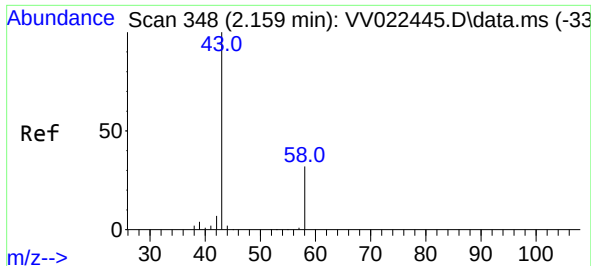
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV093021\  
Data File : VV022470.D  
Acq On : 01 Oct 2021 06:53  
Operator : SY/MD  
Sample : M3997-05  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 54 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F4A68

Quant Time: Oct 01 07:13:21 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092721WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Oct 01 04:27:45 2021  
Response via : Initial Calibration

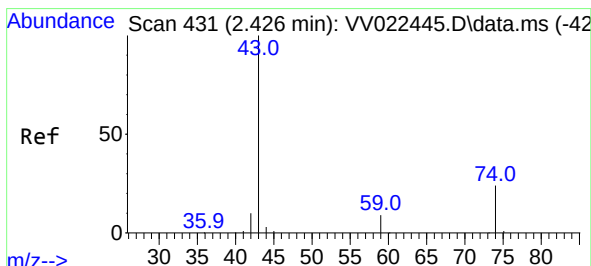
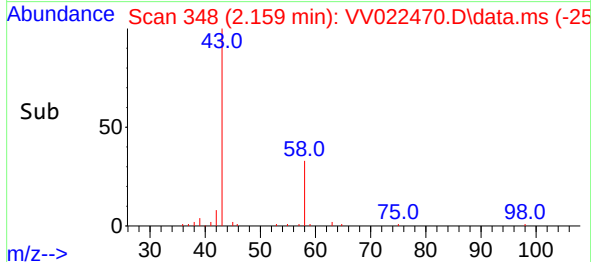
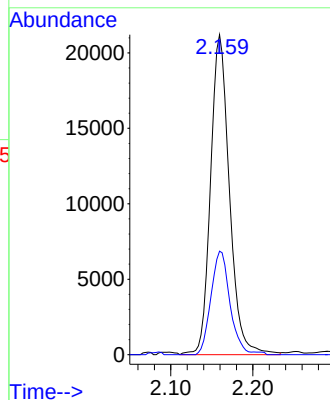
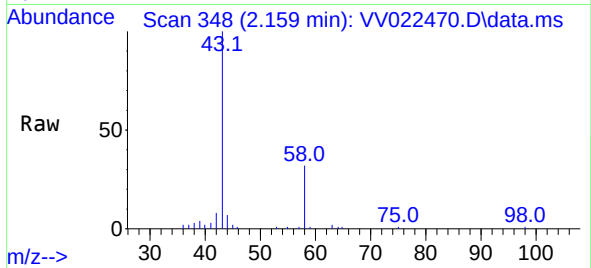




#13  
Acetone  
Concen: 33.28 ug/L  
RT: 2.159 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VV022470.D  
Acq: 01 Oct 2021 06:53

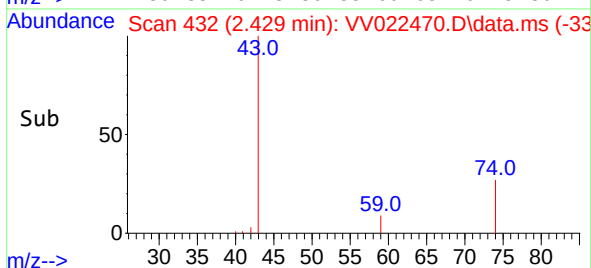
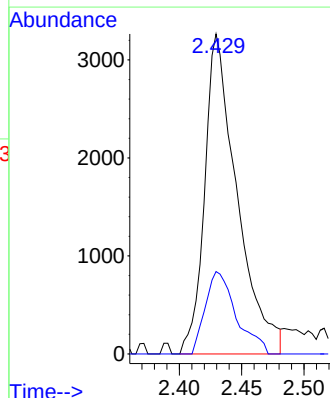
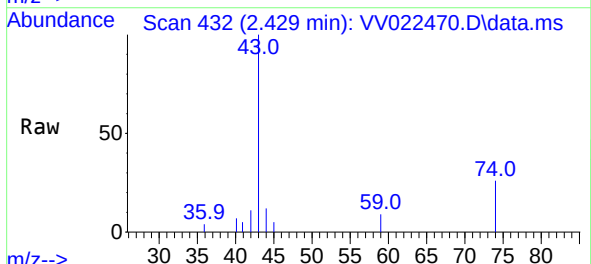
Instrument :  
MSVOA\_V  
ClientSampleId :  
F4A68

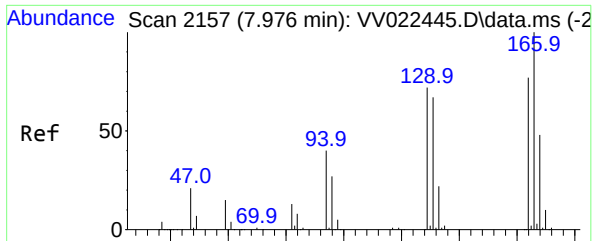
Tgt Ion: 43 Resp: 33911  
Ion Ratio Lower Upper  
43 100  
58 32.2 0.0 67.2



#15  
Methyl Acetate  
Concen: 3.11 ug/L  
RT: 2.429 min Scan# 432  
Delta R.T. 0.003 min  
Lab File: VV022470.D  
Acq: 01 Oct 2021 06:53

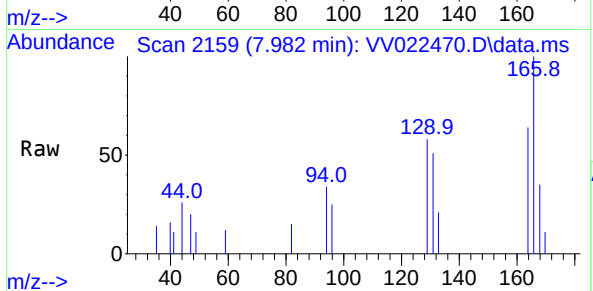
Tgt Ion: 43 Resp: 5910  
Ion Ratio Lower Upper  
43 100  
74 24.5 19.0 28.6





#46  
Tetrachloroethene  
Concen: 0.88 ug/L  
RT: 7.982 min Scan# 2159  
Delta R.T. 0.006 min  
Lab File: VV022470.D  
Acq: 01 Oct 2021 06:53

Instrument :  
MSVOA\_V  
ClientSampleId :  
F4A68



Tgt Ion:164 Resp: 1155

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 90.1  | 66.4  | 123.4 |
| 131 | 80.4  | 63.6  | 118.0 |
| 166 | 156.6 | 91.6  | 170.0 |

