

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW021621\  
 Data File : VW020333.D  
 Acq On : 16 Feb 2021 12:24  
 Operator : SY/MD  
 Sample : M1370-11ME  
 Misc : 5.72G/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBGY7ME

Quant Time: Feb 17 00:13:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM020521WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Feb 17 00:12:12 2021  
 Response via : Initial Calibration

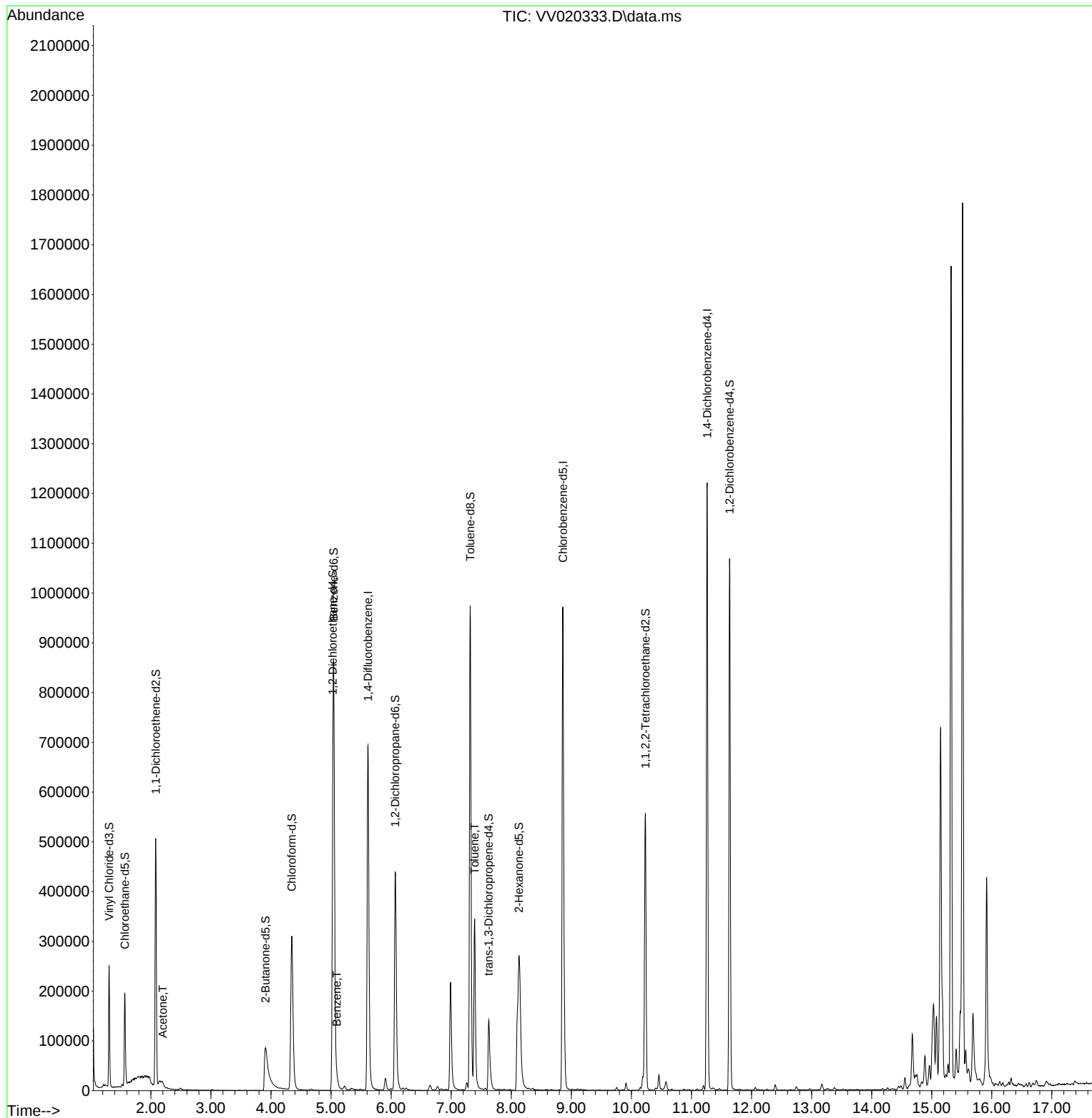
| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.616          | 114  | 639237     | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.860          | 117  | 630865     | 50.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.262         | 152  | 313961     | 50.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 168416     | 36.14  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 72.28% |        |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 140557     | 36.76  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 73.52% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.082          | 63   | 267622     | 30.38  | ug/L   | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 60.76% |        |          |
| 21) 2-Butanone-d5             | 3.908          | 46   | 255989     | 98.32  | ug/L   | 0.03     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 98.32% |        |          |
| 24) Chloroform-d              | 4.346          | 84   | 347229     | 41.87  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.74% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.030          | 65   | 243686     | 46.35  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.70% |        |          |
| 32) Benzene-d6                | 5.043          | 84   | 713656     | 43.66  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.32% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 225112     | 46.13  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 92.26% |        |          |
| 41) Toluene-d8                | 7.317          | 98   | 671267     | 43.70  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.40% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 101304     | 40.73  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 81.46% |        |          |
| 47) 2-Hexanone-d5             | 8.127          | 63   | 184917     | 91.09  | ug/L   | 0.04     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 91.09% |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.233         | 84   | 292533     | 41.75  | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 83.50% |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.635         | 152  | 278217     | 46.83  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.66% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 13) Acetone                   | 2.198          | 43   | 15711      | 8.55   | ug/L   | 74       |
| 33) Benzene                   | 5.095          | 78   | 19265      | 1.14   | ug/L   | 100      |
| 42) Toluene                   | 7.391          | 91   | 261282     | 14.08  | ug/L   | 100      |
| -----                         |                |      |            |        |        |          |

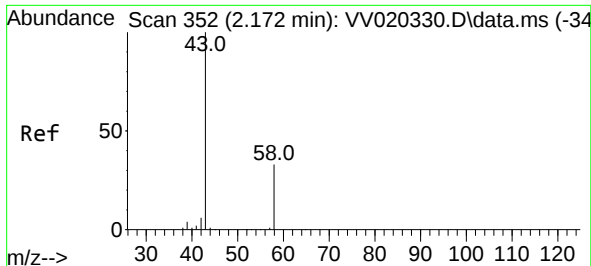
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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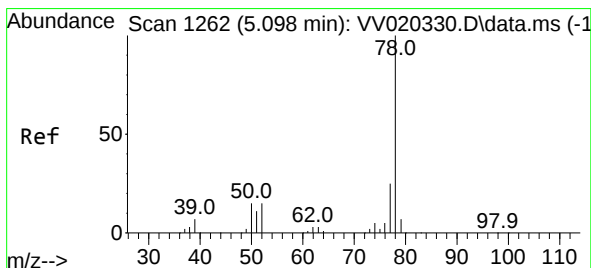
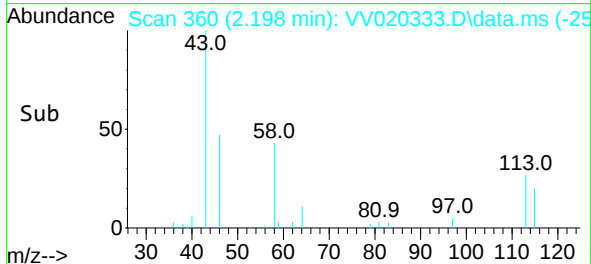
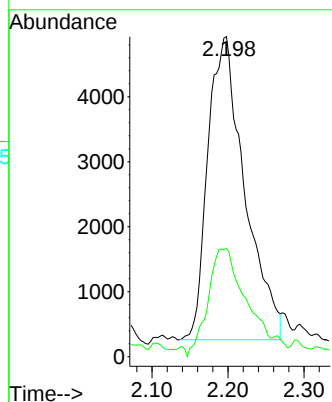
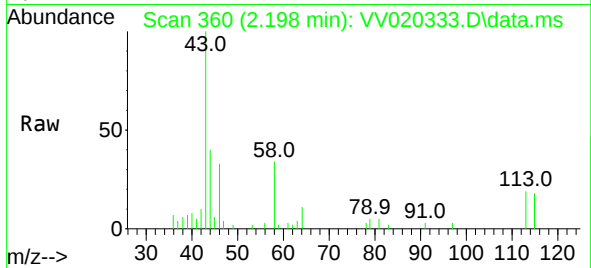




#13  
Acetone  
Concen: 8.55 ug/L  
RT: 2.198 min Scan# 360  
Delta R.T. 0.026 min  
Lab File: VV020333.D  
Acq: 16 Feb 2021 12:24

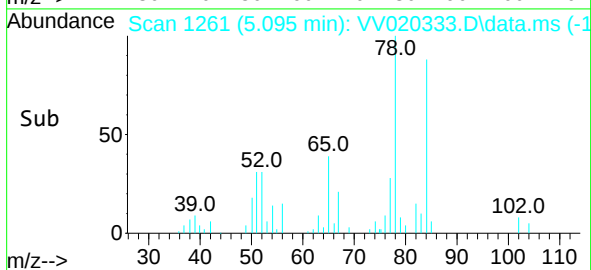
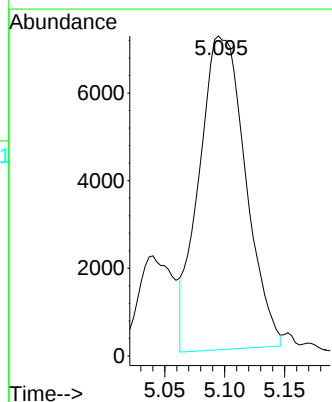
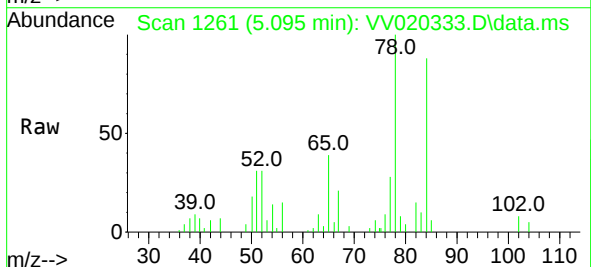
Instrument :  
MSVOA\_V  
ClientSampleId :  
DBGY7ME

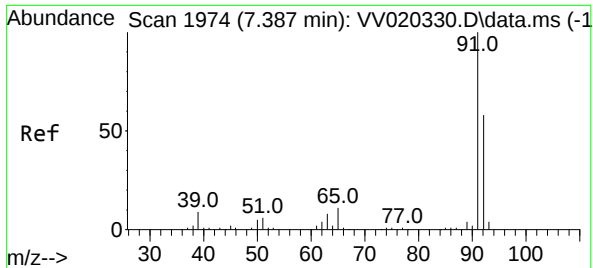
Tgt Ion: 43 Resp: 15711  
Ion Ratio Lower Upper  
43 100  
58 16.2 0.0 60.2



#33  
Benzene  
Concen: 1.14 ug/L  
RT: 5.095 min Scan# 1261  
Delta R.T. -0.003 min  
Lab File: VV020333.D  
Acq: 16 Feb 2021 12:24

Tgt Ion: 78 Resp: 19265





#42  
Toluene  
Concen: 14.08 ug/L  
RT: 7.391 min Scan# 1975  
Delta R.T. 0.003 min  
Lab File: VV020333.D  
Acq: 16 Feb 2021 12:24

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBGY7ME

Tgt Ion: 91 Resp: 261282  
Ion Ratio Lower Upper  
91 100  
92 58.2 40.7 75.7

