

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012821\  
 Data File : VV020193.D  
 Acq On : 27 Jan 2021 15:45  
 Operator : SY/MD  
 Sample : M1201-12  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG519

Manual Integrations  
 APPROVED

MMDadoda  
 1/29/2021 11:58:39 AM

Quant Time: Jan 28 05:49:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 28 05:47:43 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.621          | 114  | 910875     | 50.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.855          | 117  | 884943     | 50.00   | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.257         | 152  | 456068     | 50.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.309          | 65   | 329975     | 52.16   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 104.32% |       |          |
| 7) Chloroethane-d5            | 1.569          | 69   | 274267     | 56.36   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 112.72% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.110          | 63   | 409678     | 44.45   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 88.90%  |       |          |
| 21) 2-Butanone-d5             | 3.894          | 46   | 423086     | 105.97  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 105.97% |       |          |
| 24) Chloroform-d              | 4.354          | 84   | 595769m    | 52.28   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 104.56% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.036          | 65   | 406678     | 55.19   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 110.38% |       |          |
| 32) Benzene-d6                | 5.055          | 84   | 1186043    | 51.79   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 103.58% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.074          | 67   | 362016     | 51.30   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 102.60% |       |          |
| 41) Toluene-d8                | 7.318          | 98   | 1018025    | 47.74   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.48%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.624          | 79   | 163169     | 47.18   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 94.36%  |       |          |
| 47) 2-Hexanone-d5             | 8.090          | 63   | 295650     | 94.84   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 94.84%  |       |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.222         | 84   | 497650     | 51.94   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 103.88% |       |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.630         | 152  | 468037     | 53.61   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 107.22% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 5) Vinyl chloride             | 1.312          | 62   | 7286       | 1.09    | ug/L  | # 18     |
| 13) Acetone                   | 2.187          | 43   | 10411      | 4.53    | ug/L  | 92       |
| 20) cis-1,2-Dichloroethene    | 3.917          | 96   | 201171     | 32.71   | ug/L  | 94       |
| -----                         |                |      |            |         |       |          |

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

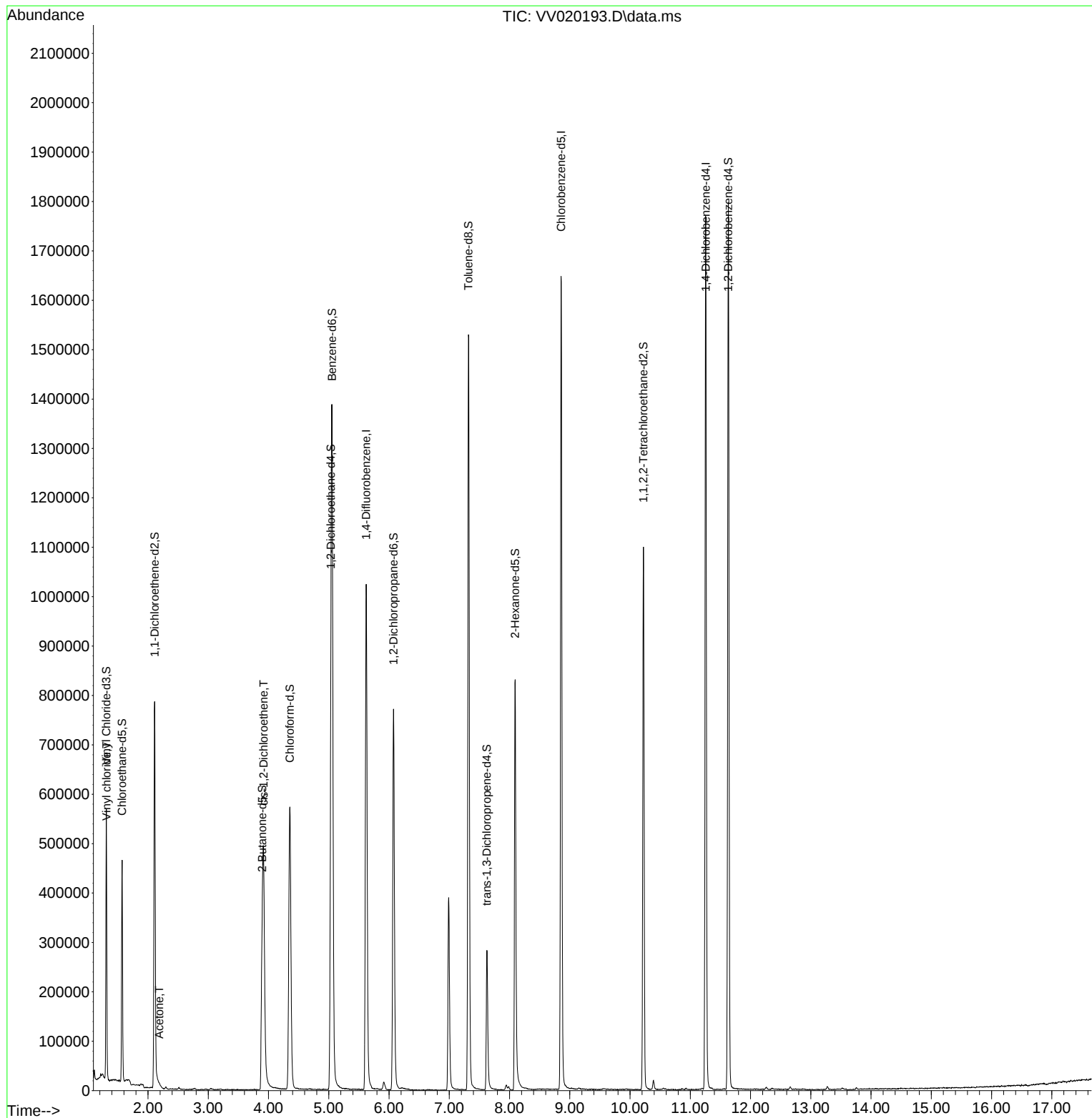
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012821\  
Data File : VV020193.D  
Acq On : 27 Jan 2021 15:45  
Operator : SY/MD  
Sample : M1201-12  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

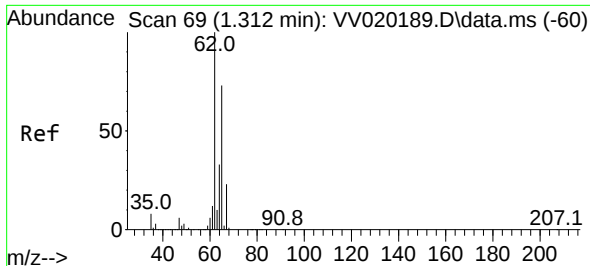
Instrument :  
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ClientSampleId :  
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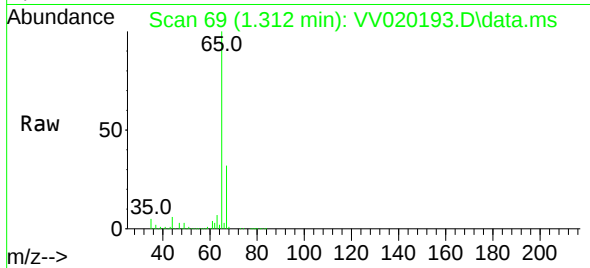
Quant Time: Jan 28 05:49:24 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012821WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jan 28 05:47:43 2021  
Response via : Initial Calibration





#5  
 Vinyl chloride  
 Concen: 1.09 ug/L  
 RT: 1.312 min Scan# 69  
 Delta R.T. 0.000 min  
 Lab File: VV020193.D  
 Acq: 27 Jan 2021 15:45

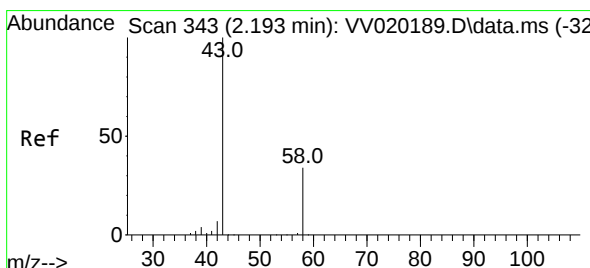
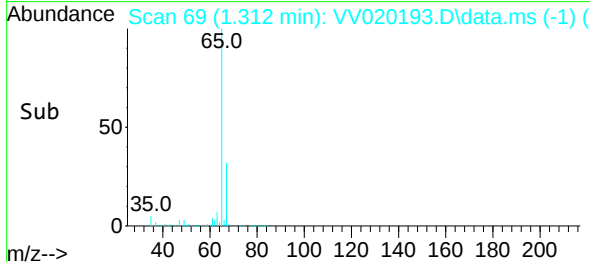
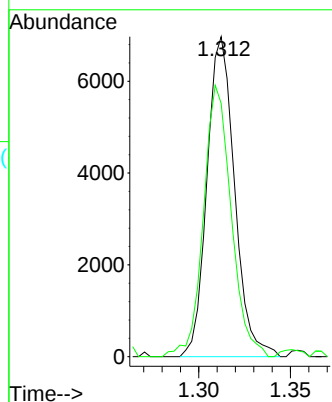
Instrument :  
 MSVOA\_V  
 ClientSampled :  
 BG519



Tgt Ion: 62 Resp: 7286  
 Ion Ratio Lower Upper  
 62 100  
 64 79.1 23.0 42.6#

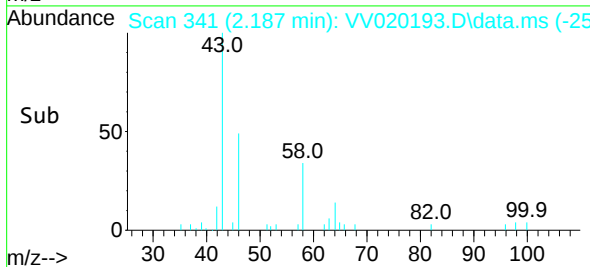
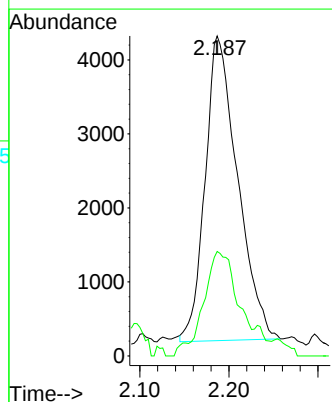
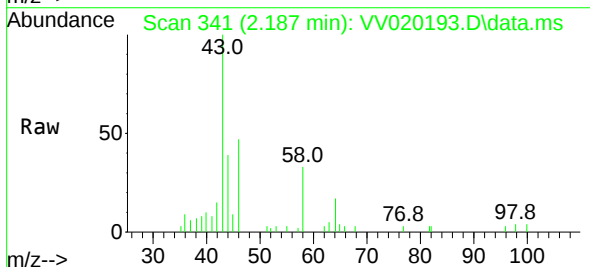
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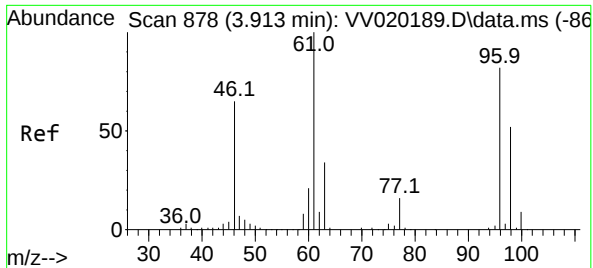
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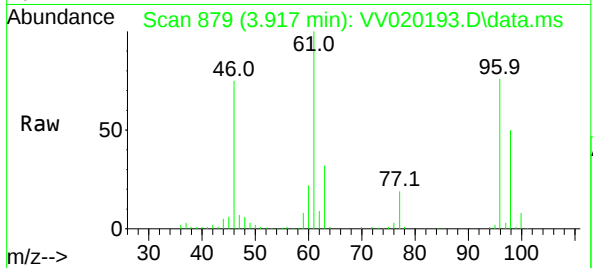
#13  
 Acetone  
 Concen: 4.53 ug/L  
 RT: 2.187 min Scan# 341  
 Delta R.T. -0.006 min  
 Lab File: VV020193.D  
 Acq: 27 Jan 2021 15:45

Tgt Ion: 43 Resp: 10411  
 Ion Ratio Lower Upper  
 43 100  
 58 34.3 0.0 60.2

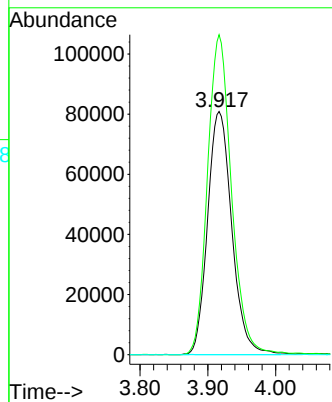
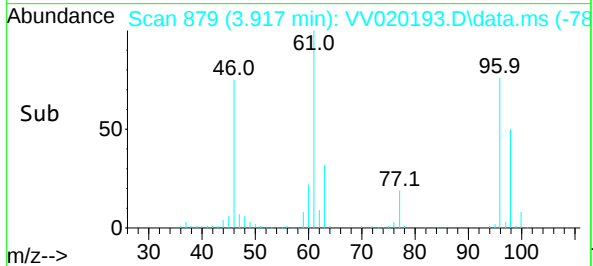




#20  
 cis-1,2-Dichloroethene  
 Concen: 32.71 ug/L  
 RT: 3.917 min Scan# 879  
 Delta R.T. 0.003 min  
 Lab File: VV020193.D  
 Acq: 27 Jan 2021 15:45



Tgt Ion: 96 Resp: 201171  
 Ion Ratio Lower Upper  
 96 100  
 61 131.6 96.9 179.9  
 68 0.0 0.0 0.0



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