

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW011821\  
 Data File : VW020040.D  
 Acq On : 18 Jan 2021 13:34  
 Operator : SY/MD  
 Sample : M1147-13  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4X7

Quant Time: Jan 19 02:49:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM011121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 19 02:46:41 2021  
 Response via : Initial Calibration

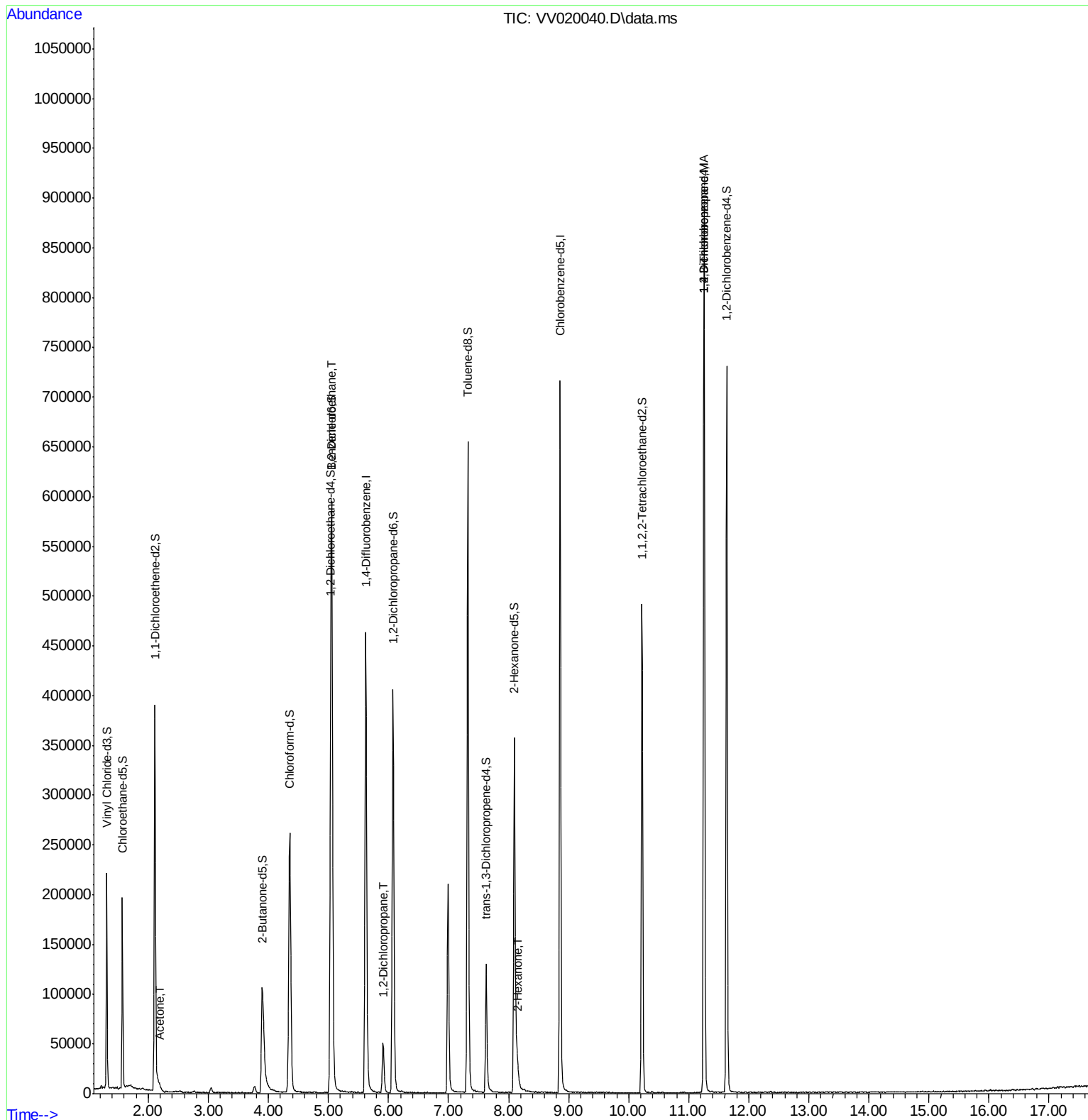
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.621          | 114  | 372870     | 50.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.858          | 117  | 360258     | 50.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.257         | 152  | 213219     | 50.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.309          | 65   | 127046     | 40.39   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 80.78%  |        |          |
| 7) Chloroethane-d5            | 1.569          | 69   | 114831     | 45.74   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 91.48%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.110          | 63   | 209167     | 33.77   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 67.54%  |        |          |
| 21) 2-Butanone-d5             | 3.897          | 46   | 208514     | 102.20  | ug/L   | 0.01     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 102.20% |        |          |
| 24) Chloroform-d              | 4.354          | 84   | 254970     | 45.01   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.02%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.039          | 65   | 186430     | 48.40   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.80%  |        |          |
| 32) Benzene-d6                | 5.055          | 84   | 464250     | 45.66   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.32%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.074          | 67   | 185150     | 58.32   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 116.64% |        |          |
| 41) Toluene-d8                | 7.322          | 98   | 406877     | 44.15   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 88.30%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.627          | 79   | 68510      | 41.59   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 83.18%  |        |          |
| 47) 2-Hexanone-d5             | 8.093          | 63   | 107847     | 84.74   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 84.74%  |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.222         | 84   | 226576     | 52.80   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 105.60% |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.630         | 152  | 169449     | 41.15   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 82.30%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
| 13) Acetone                   | 2.190          | 43   | 7517       | 4.17    | ug/L   | 76       |
| 27) 1,2-Dichloroethane        | 5.055          | 62   | 3463       | 0.78    | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 5.910          | 63   | 2539       | 0.94    | ug/L   | 99       |
| 48) 2-Hexanone                | 8.148          | 43   | 17014      | 5.19    | ug/L # | 81       |
| 59) 1,2,3-Trichloropropane    | 11.254         | 75   | 26845      | 7.28    | ug/L   | 95       |
| -----                         |                |      |            |         |        |          |

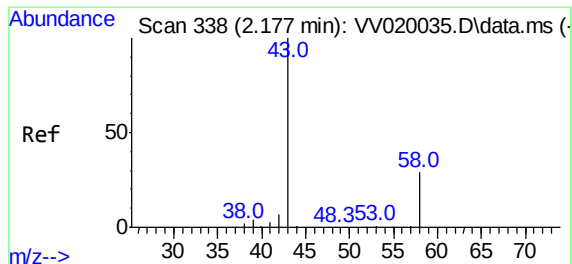
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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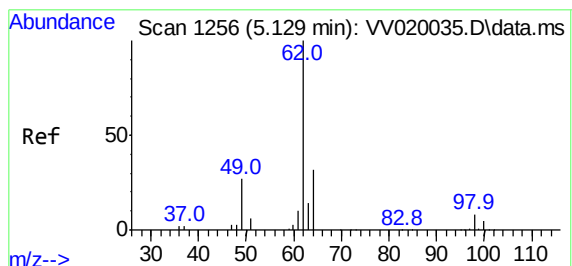
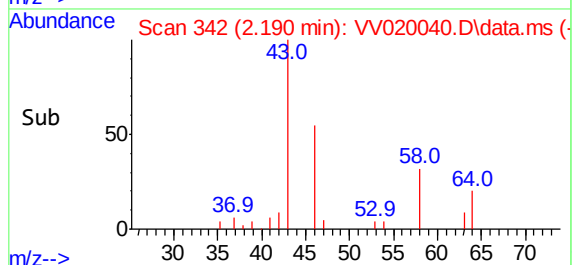
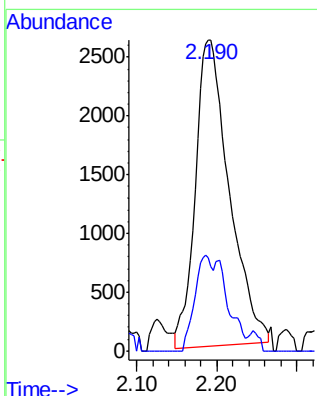
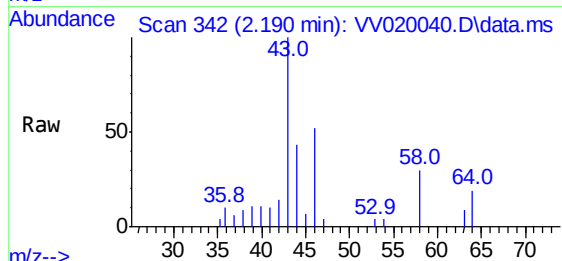




#13  
Acetone  
Concen: 4.17 ug/L  
RT: 2.190 min Scan# 342  
Delta R.T. 0.013 min  
Lab File: VV020040.D  
Acq: 18 Jan 2021 13:34

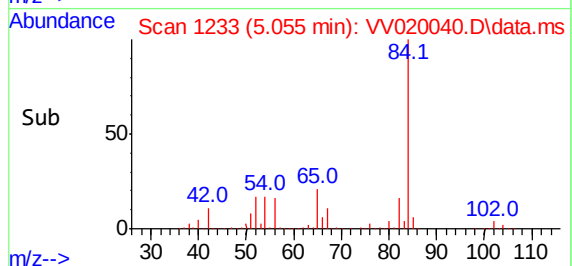
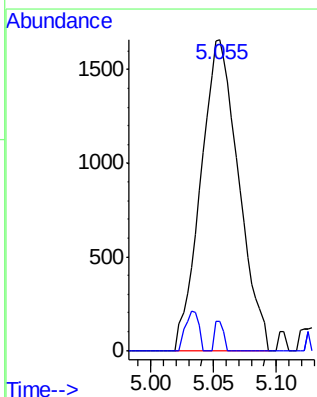
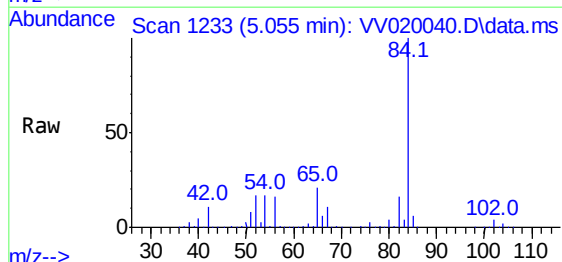
Instrument :  
MSVOA\_V  
ClientSampled :  
BG4X7

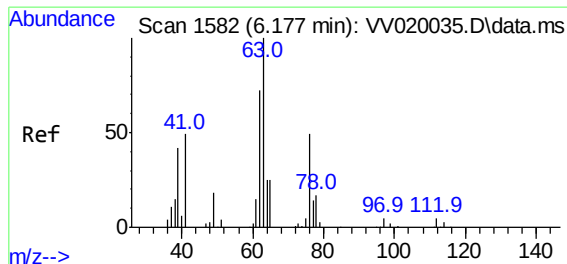
Tgt Ion: 43 Resp: 7517  
Ion Ratio Lower Upper  
43 100  
58 16.9 0.0 60.2



#27  
1,2-Dichloroethane  
Concen: 0.78 ug/L  
RT: 5.055 min Scan# 1233  
Delta R.T. -0.074 min  
Lab File: VV020040.D  
Acq: 18 Jan 2021 13:34

Tgt Ion: 62 Resp: 3463  
Ion Ratio Lower Upper  
62 100  
98 9.5 6.9 10.3

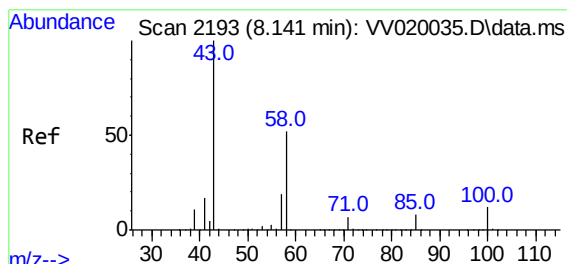
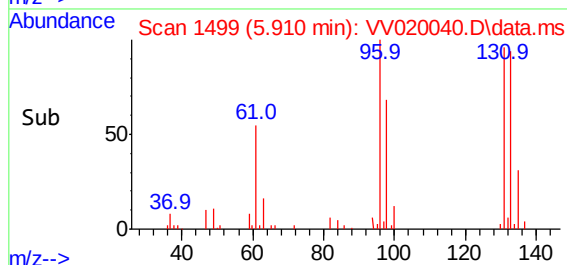
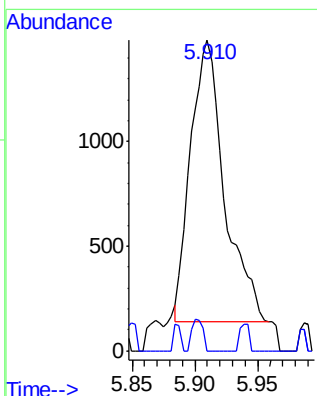
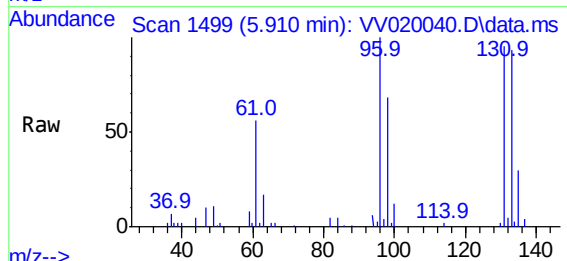




#37  
1,2-Dichloropropane  
Concen: 0.94 ug/L  
RT: 5.910 min Scan# 1499  
Delta R.T. -0.267 min  
Lab File: VV020040.D  
Acq: 18 Jan 2021 13:34

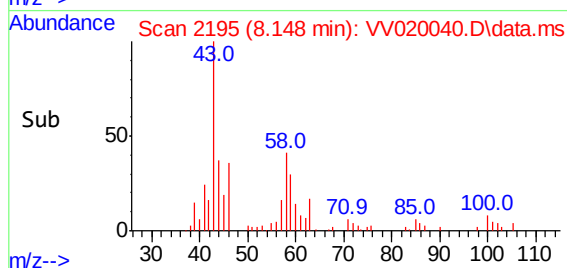
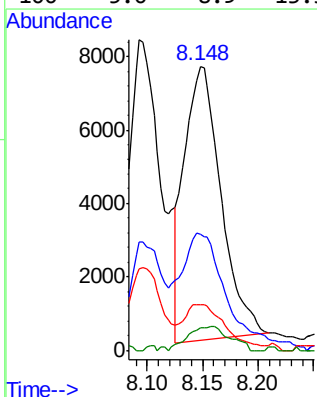
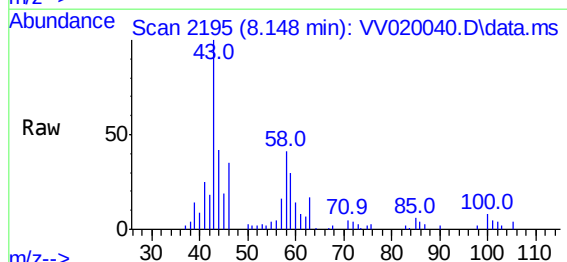
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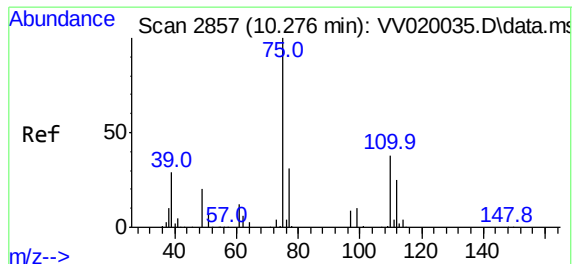
Tgt Ion: 63 Resp: 2539  
Ion Ratio Lower Upper  
63 100  
112 3.8 3.3 4.9



#48  
2-Hexanone  
Concen: 5.19 ug/L  
RT: 8.148 min Scan# 2195  
Delta R.T. 0.006 min  
Lab File: VV020040.D  
Acq: 18 Jan 2021 13:34

Tgt Ion: 43 Resp: 17014  
Ion Ratio Lower Upper  
43 100  
58 43.2 41.8 62.6  
57 2.6 15.0 22.4#  
100 5.0 8.9 13.3#





#59  
 1,2,3-Trichloropropane  
 Concen: 7.28 ug/L  
 RT: 11.254 min Scan# 3161  
 Delta R.T. 0.977 min  
 Lab File: VV020040.D  
 Acq: 18 Jan 2021 13:34

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 ClientSampleId :  
 BG4X7

Tgt Ion: 75 Resp: 26845  
 Ion Ratio Lower Upper  
 75 100  
 77 34.2 25.4 38.0

