

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW032621\  
 Data File : VW020760.D  
 Acq On : 26 Mar 2021 16:32  
 Operator : SY/MD  
 Sample : M1784-22  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4X0

Quant Time: Mar 27 06:54:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM032321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 27 06:50:46 2021  
 Response via : Initial Calibration

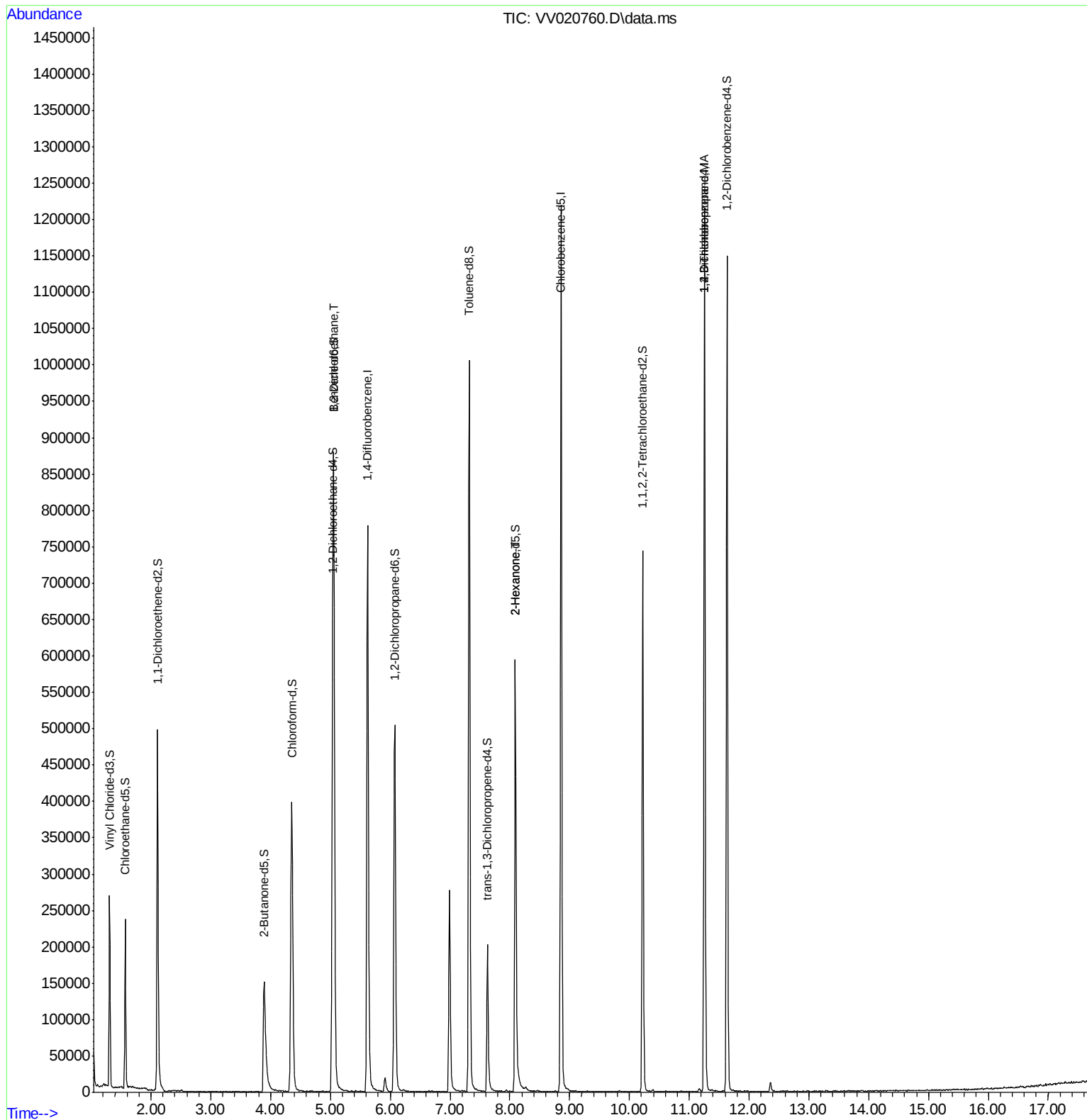
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.622          | 114  | 662597     | 50.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 652302     | 50.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 318633     | 50.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 157543     | 33.49   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 66.98%  |        |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 136876     | 38.49   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 76.98%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.111          | 63   | 258977     | 29.18   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 58.36%# |        |          |
| 21) 2-Butanone-d5             | 3.889          | 46   | 278754     | 91.08   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 91.08%  |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 409747     | 43.82   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.64%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.037          | 65   | 279762     | 45.42   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.84%  |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 730122     | 41.99   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.98%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.075          | 67   | 234450     | 43.92   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 87.84%  |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 653197     | 40.36   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 80.72%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 116346     | 40.96   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 81.92%  |        |          |
| 47) 2-Hexanone-d5             | 8.091          | 63   | 198883     | 88.87   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 88.87%  |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 329626     | 42.39   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 84.78%  |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.631         | 152  | 295405     | 47.77   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.54%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 27) 1,2-Dichloroethane        | 5.053          | 62   | 4581       | 0.65    | ug/L   | 97       |
| 48) 2-Hexanone                | 8.091          | 43   | 26588      | 5.50    | ug/L # | 67       |
| 59) 1,2,3-Trichloropropane    | 11.255         | 75   | 34733      | 5.64    | ug/L   | 90       |
| -----                         |                |      |            |         |        |          |

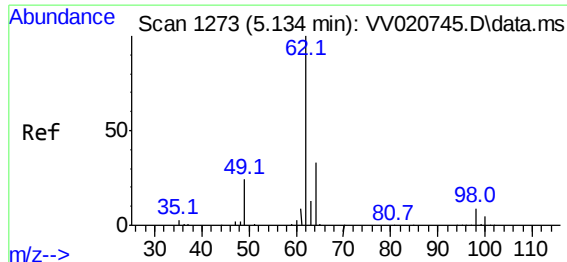
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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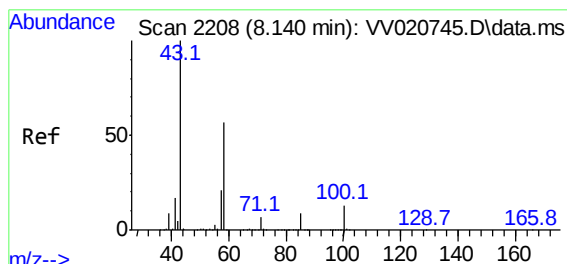
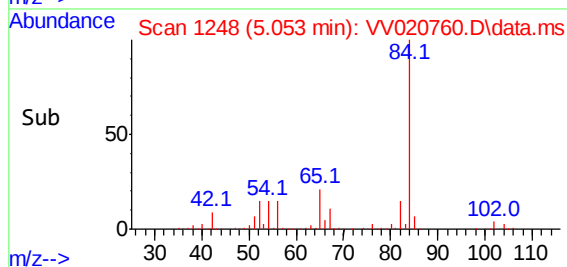
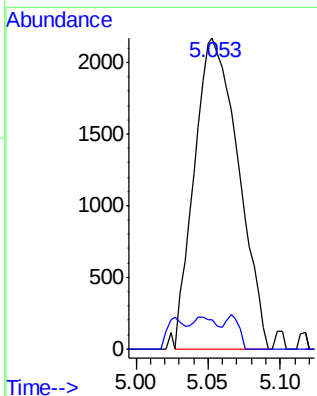
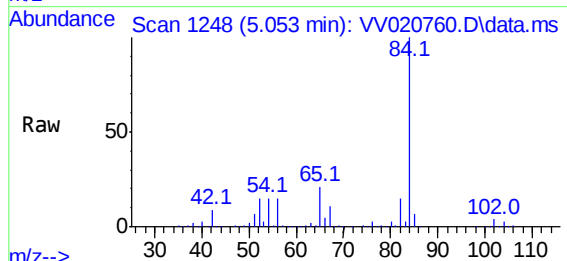




#27  
1,2-Dichloroethane  
Concen: 0.65 ug/L  
RT: 5.053 min Scan# 1248  
Delta R.T. -0.081 min  
Lab File: VV020760.D  
Acq: 26 Mar 2021 16:32

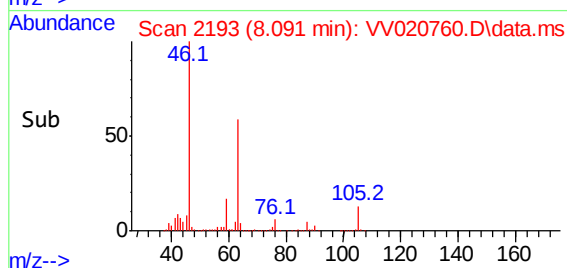
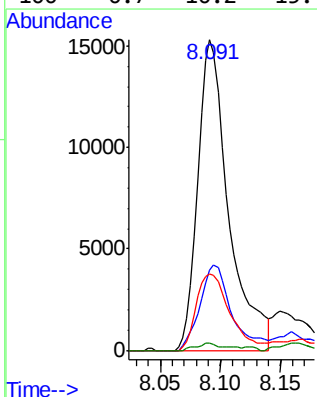
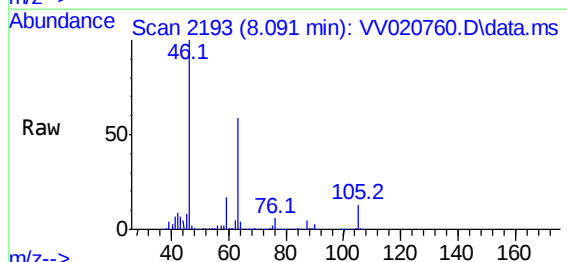
Instrument :  
MSVOA\_V  
ClientSampled :  
BG4X0

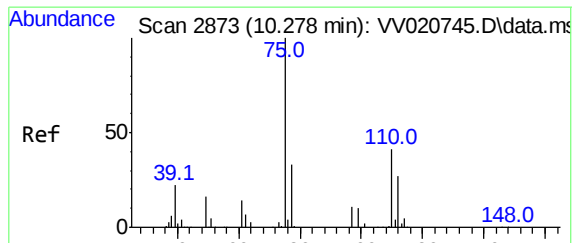
Tgt Ion: 62 Resp: 4581  
Ion Ratio Lower Upper  
62 100  
98 9.4 6.8 10.2



#48  
2-Hexanone  
Concen: 5.50 ug/L  
RT: 8.091 min Scan# 2193  
Delta R.T. -0.048 min  
Lab File: VV020760.D  
Acq: 26 Mar 2021 16:32

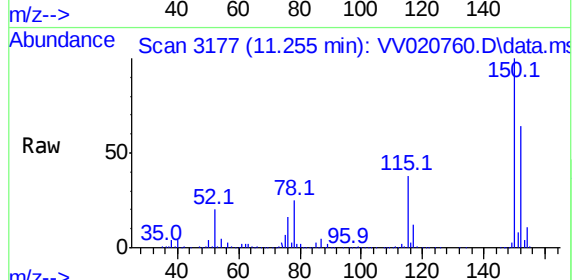
Tgt Ion: 43 Resp: 26588  
Ion Ratio Lower Upper  
43 100  
58 28.4 45.8 68.8#  
57 26.7 15.4 23.2#  
100 0.7 10.2 15.4#





#59  
 1,2,3-Trichloropropane  
 Concen: 5.64 ug/L  
 RT: 11.255 min Scan# 3177  
 Delta R.T. 0.977 min  
 Lab File: VV020760.D  
 Acq: 26 Mar 2021 16:32

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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Tgt Ion: 75 Resp: 34733

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 37.0  | 25.3  | 37.9  |

