

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031821\  
 Data File : VW020670.D  
 Acq On : 18 Mar 2021 12:40  
 Operator : SY/MD  
 Sample : M1685-16  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

Manual Integrations  
 APPROVED

MMDadoda  
 3/19/2021 12:01:43 PM

Quant Time: Mar 19 04:00:37 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 19 03:58:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.622          | 114  | 407735     | 50.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 400025     | 50.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 178555     | 50.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 133287     | 40.53   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 81.06%  |        |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 108918     | 41.39   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 82.78%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 192713     | 30.83   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 61.66%  |        |          |
| 21) 2-Butanone-d5             | 3.895          | 46   | 233130     | 110.44  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 110.44% |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 268076     | 46.89   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.78%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.037          | 65   | 191148     | 50.68   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.36% |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 532942     | 48.22   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.44%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 179270     | 50.70   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 101.40% |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 467842     | 47.63   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.26%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 77942      | 47.16   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 94.32%  |        |          |
| 47) 2-Hexanone-d5             | 8.091          | 63   | 127921     | 96.69   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 96.69%  |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 213958     | 48.42   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 96.84%  |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.631         | 152  | 180920     | 52.29   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 104.58% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 25) Chloroform                | 4.374          | 83   | 13546m     | 2.31    | ug/L   |          |
| 48) 2-Hexanone                | 8.146          | 43   | 14326      | 3.87    | ug/L # | 80       |
| -----                         |                |      |            |         |        |          |

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

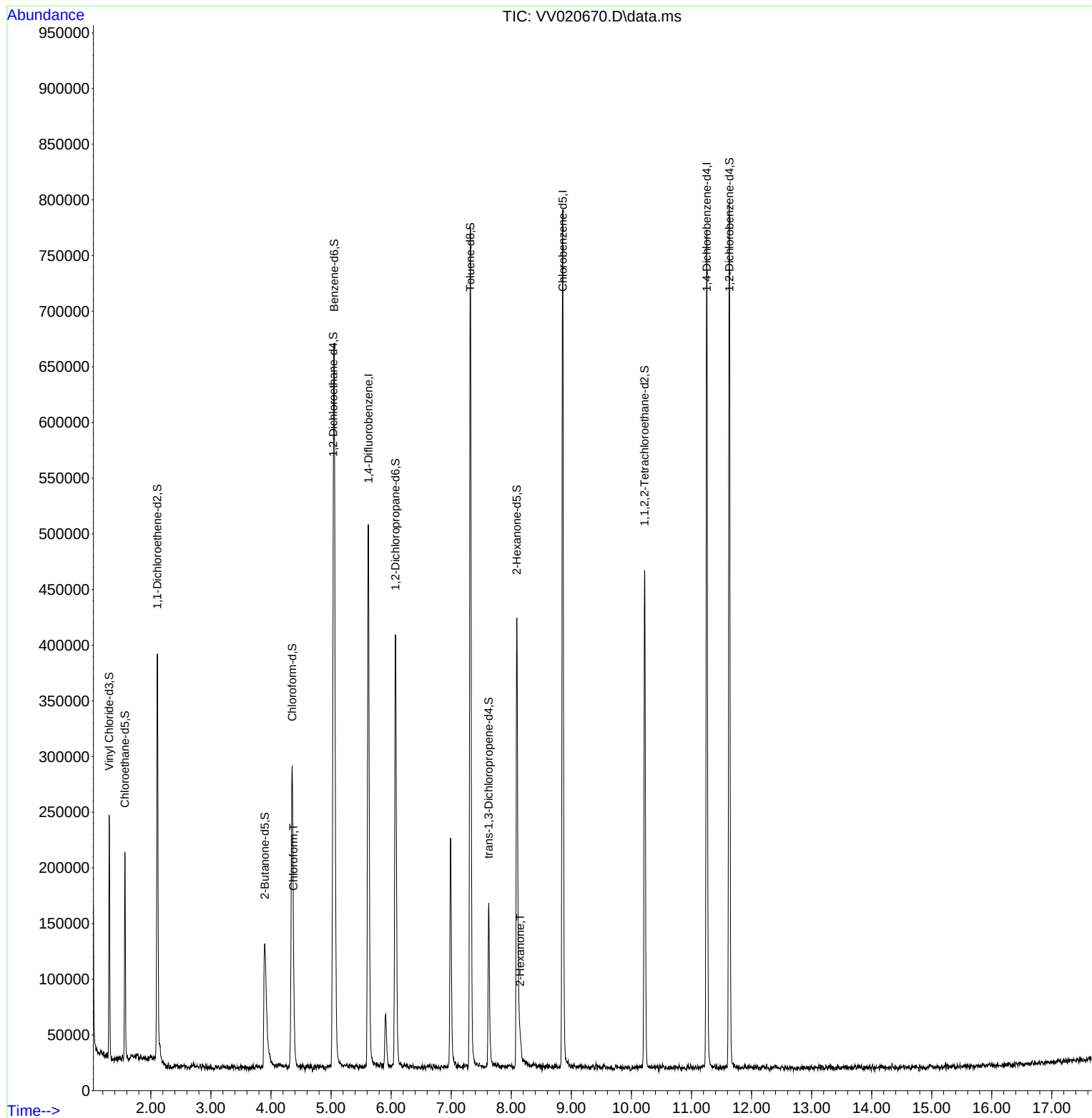
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031821\  
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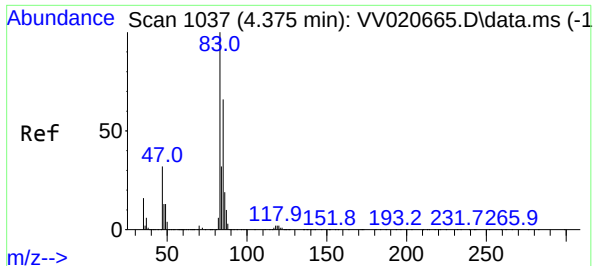
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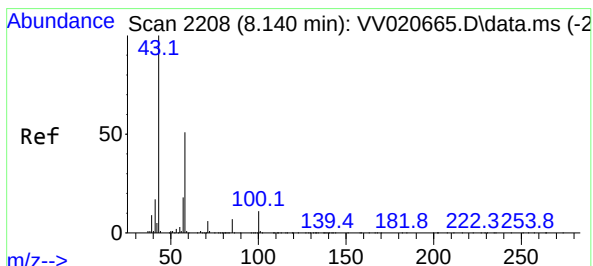
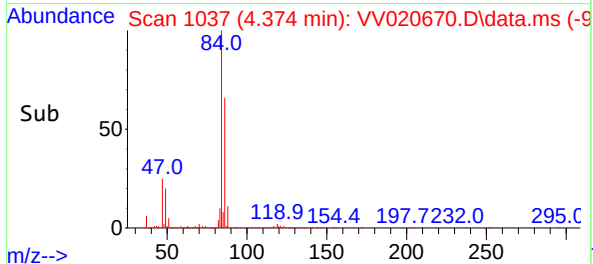
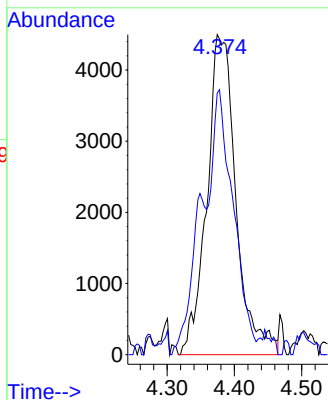
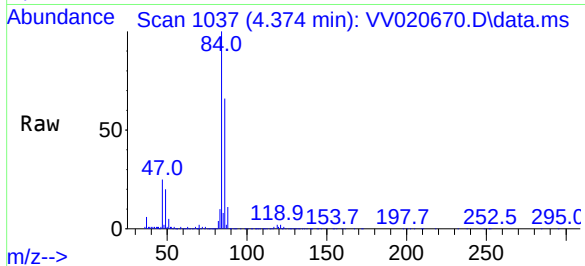
#25  
Chloroform  
Concen: 2.31 ug/L m  
RT: 4.374 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VV020670.D  
Acq: 18 Mar 2021 12:40

Tgt Ion: 83 Resp: 13546  
Ion Ratio Lower Upper  
83 100  
85 81.7 44.2 82.2

Instrument :  
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ClientSampled :  
VHBLK01

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#48  
2-Hexanone  
Concen: 3.87 ug/L  
RT: 8.146 min Scan# 2210  
Delta R.T. 0.006 min  
Lab File: VV020670.D  
Acq: 18 Mar 2021 12:40

Tgt Ion: 43 Resp: 14326  
Ion Ratio Lower Upper  
43 100  
58 36.9 41.8 62.6#  
57 12.1 15.0 22.4#  
100 4.0 8.9 13.3#

