

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061021\  
 Data File : VV021542.D  
 Acq On : 10 Jun 2021 13:58  
 Operator : SY/MD  
 Sample : M2649-16  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 11 02:45:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM052721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 11 02:43:15 2021  
 Response via : Initial Calibration

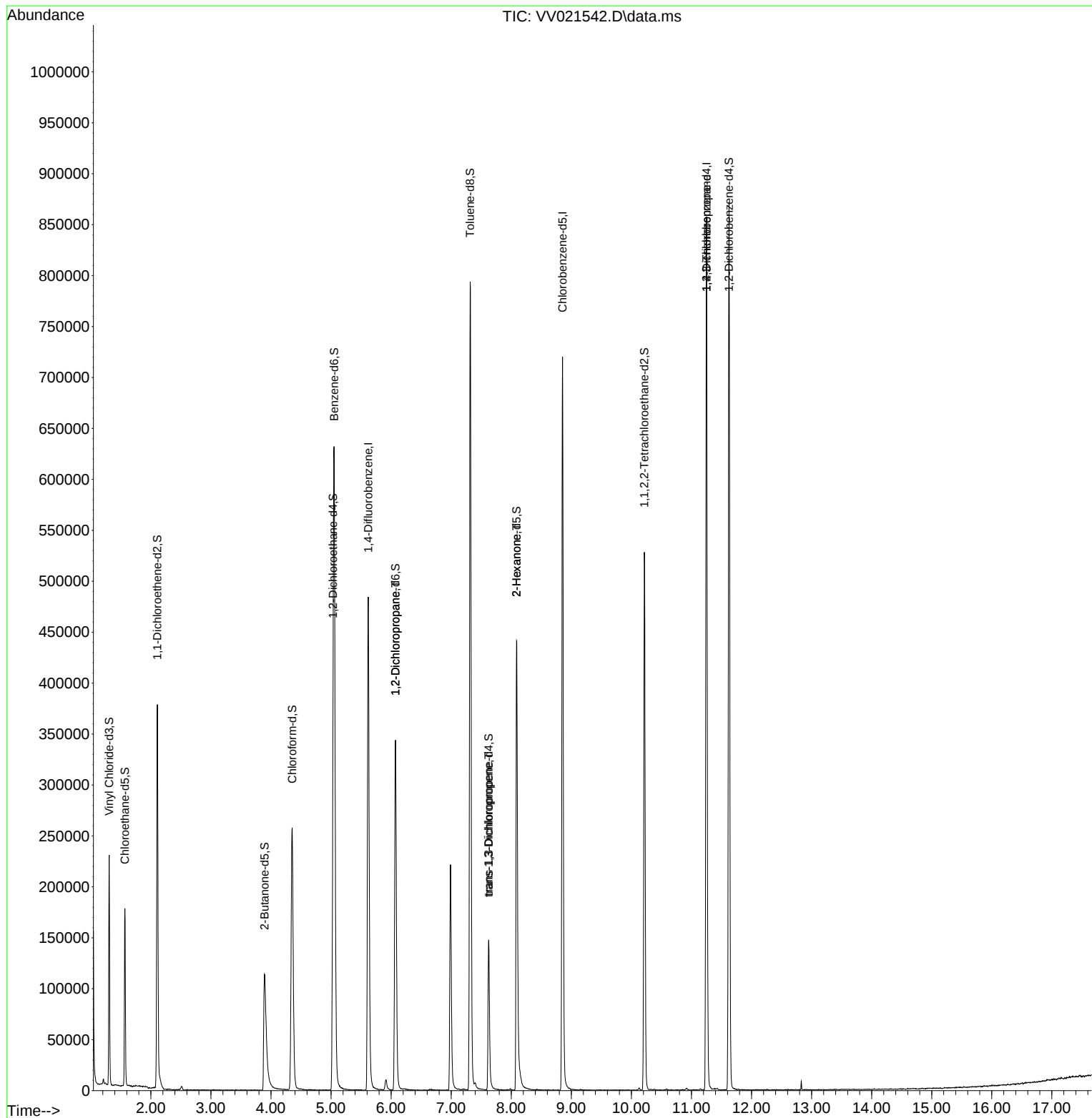
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 450625     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853          | 117  | 427758     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249         | 152  | 250060     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 142137     | 47.908   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 95.820%  |        |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 111241     | 50.404   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 100.800% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 186998     | 36.886   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 73.780%  |        |          |
| 21) 2-Butanone-d5             | 3.892          | 46   | 219415     | 103.134  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 103.130% |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 278212     | 47.107   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.220%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 168194     | 49.444   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.880%  |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 572156     | 47.813   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.620%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 174046     | 47.097   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 94.200%  |        |          |
| 41) Toluene-d8                | 7.316          | 98   | 548954     | 48.150   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 96.300%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 91147      | 46.088   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 92.180%  |        |          |
| 47) 2-Hexanone-d5             | 8.088          | 63   | 169422     | 99.842   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 99.840%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 250061     | 48.747   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 97.500%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 248395     | 47.786   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.580%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 37) 1,2-Dichloropropane       | 6.072          | 63   | 18630      | 5.968    | ug/L # | 85       |
| 44) trans-1,3-Dichloropropene | 7.622          | 75   | 3556       | 0.716    | ug/L   | 88       |
| 48) 2-Hexanone                | 8.088          | 43   | 16839      | 5.187    | ug/L # | 64       |
| 61) 1,2,3-Trichloropropane    | 11.249         | 75   | 23658      | 6.021    | ug/L # | 64       |
| -----                         |                |      |            |          |        |          |

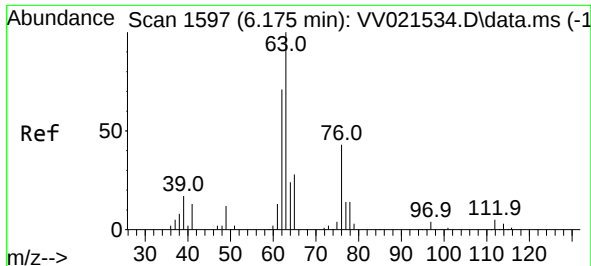
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Jun 11 02:45:29 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM052721WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jun 11 02:43:15 2021  
Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 5.968 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV021542.D

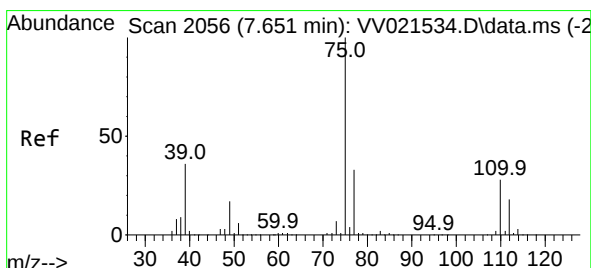
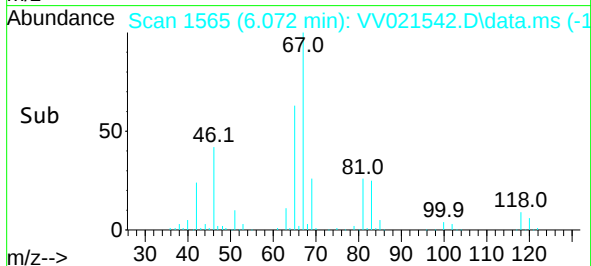
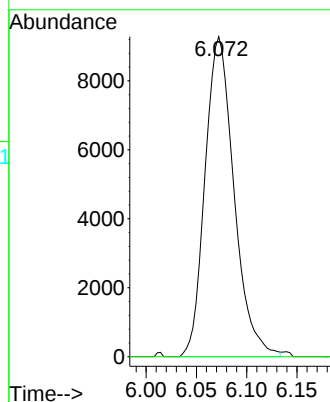
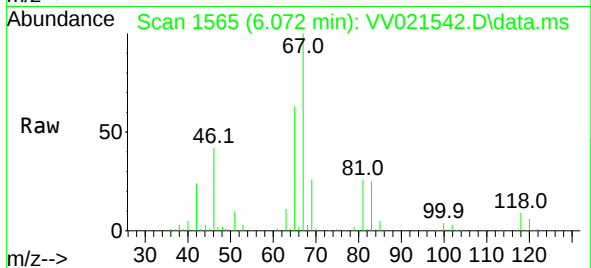
Acq: 10 Jun 2021 13:58

Tgt Ion: 63 Resp: 18630

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#44

trans-1,3-Dichloropropene

Concen: 0.716 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.029 min

Lab File: VV021542.D

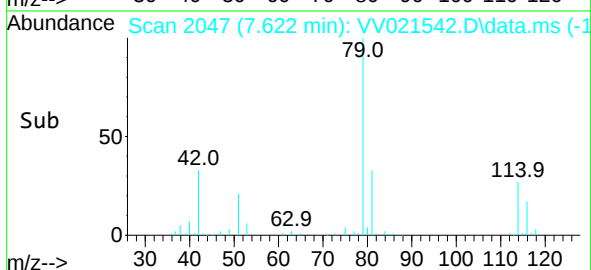
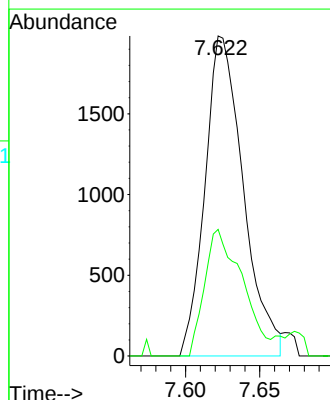
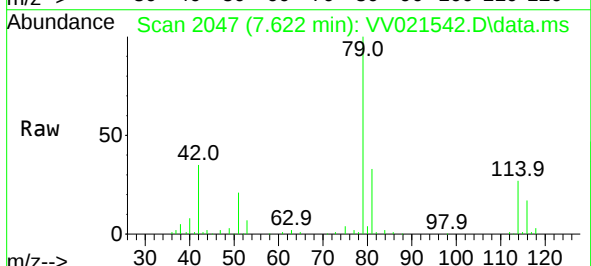
Acq: 10 Jun 2021 13:58

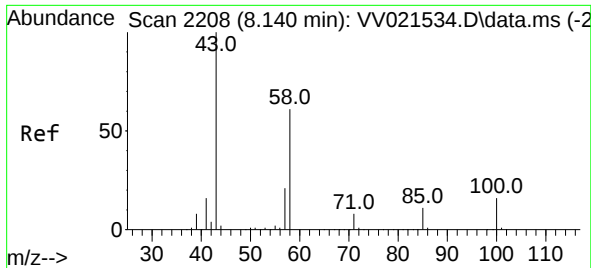
Tgt Ion: 75 Resp: 3556

Ion Ratio Lower Upper

75 100

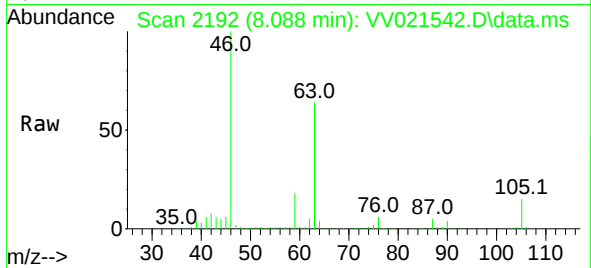
77 39.6 22.9 42.5



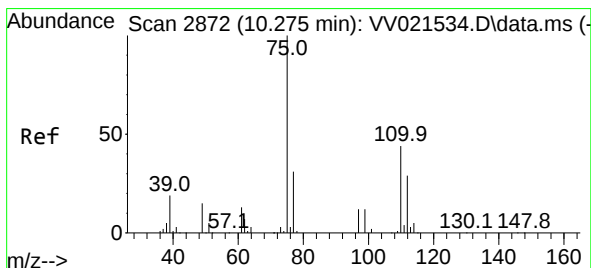
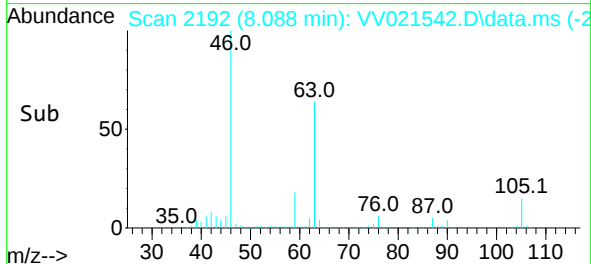
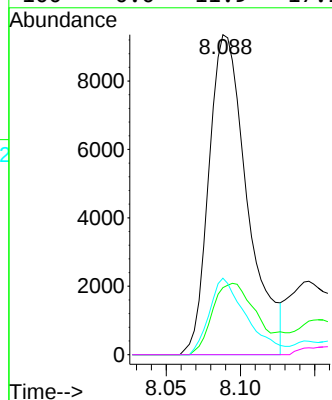


#48  
2-Hexanone  
Concen: 5.187 ug/L  
RT: 8.088 min Scan# 2192  
Delta R.T. -0.051 min  
Lab File: VV021542.D  
Acq: 10 Jun 2021 13:58

Instrument :  
MSVOA\_V  
ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 16839     |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 24.7 47.1 70.7# |
| 57          | 23.2 16.0 24.0  |
| 100         | 0.0 11.9 17.9#  |



#61  
1,2,3-Trichloropropane  
Concen: 6.021 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV021542.D  
Acq: 10 Jun 2021 13:58

|             |                |
|-------------|----------------|
| Tgt Ion: 75 | Resp: 23658    |
| Ion Ratio   | Lower Upper    |
| 75          | 100            |
| 77          | 32.6 25.9 38.9 |
| 110         | 3.0 34.8 52.2# |

