

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081324\  
 Data File : VV036916.D  
 Acq On : 13 Aug 2024 13:34  
 Operator : SY/MD  
 Sample : P3533-05  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 14 04:11:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080224WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Aug 14 04:10:20 2024  
 Response via : Initial Calibration

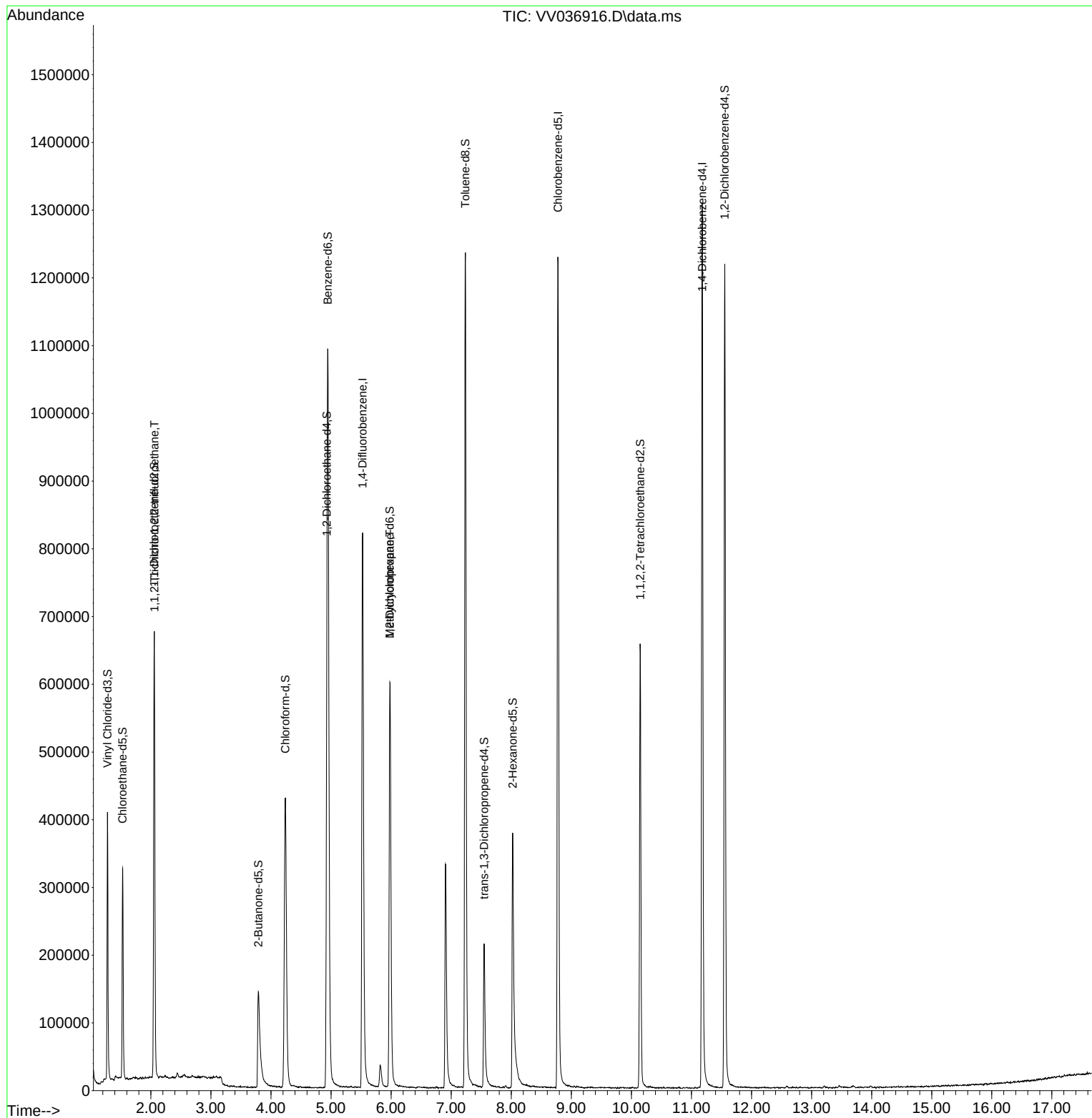
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.526          | 114  | 716064     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.776          | 117  | 666369     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178         | 152  | 324698     | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 259360     | 45.348  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 90.700% |        |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 208034     | 46.125  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 92.240% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.056          | 65   | 112688     | 46.062  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 92.120% |        |          |
| 21) 2-Butanone-d5             | 3.789          | 46   | 235552     | 77.733  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 77.730% |        |          |
| 24) Chloroform-d              | 4.240          | 84   | 452076     | 44.047  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.100% |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.931          | 65   | 294289     | 44.596  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.200% |        |          |
| 32) Benzene-d6                | 4.947          | 84   | 931020     | 46.258  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.520% |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.979          | 67   | 302177     | 46.537  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 93.080% |        |          |
| 41) Toluene-d8                | 7.236          | 98   | 815221     | 44.155  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 88.320% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.548          | 79   | 126100     | 37.316  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 74.640% |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 129049     | 69.122  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 69.120% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146         | 84   | 318488     | 42.718  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 85.440% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.554         | 152  | 298914     | 45.177  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.360% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.060          | 101  | 3529       | 0.745   | ug/L # | 26       |
| 35) Methylcyclohexane         | 5.979          | 83   | 70810      | 7.989   | ug/L # | 19       |
| -----                         |                |      |            |         |        |          |

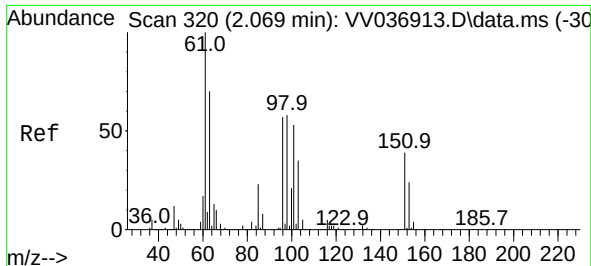
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 14 04:10:20 2024  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.745 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.010 min

Lab File: VV036916.D

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Instrument :

MSVOA\_V

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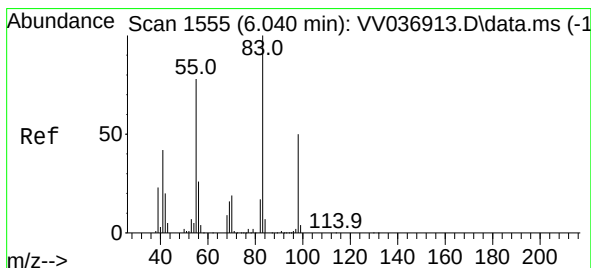
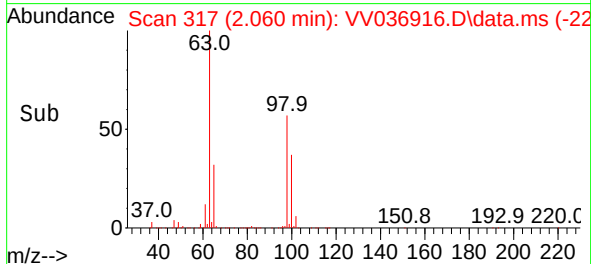
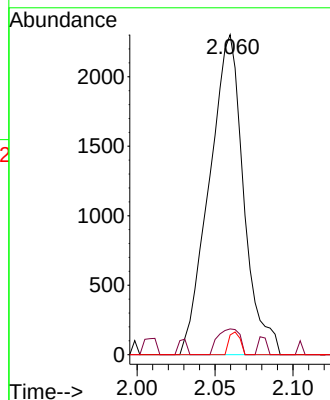
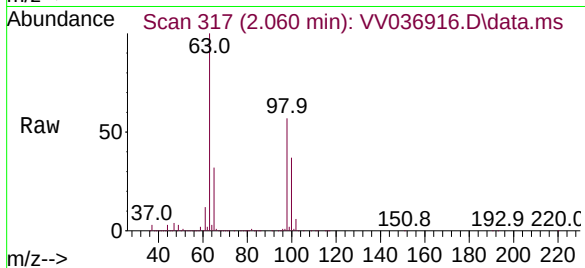
Tgt Ion:101 Resp: 3529

Ion Ratio Lower Upper

101 100

85 5.2 34.6 51.8#

151 2.3 55.9 83.9#



#35

Methylcyclohexane

Concen: 7.989 ug/L

RT: 5.979 min Scan# 1536

Delta R.T. -0.061 min

Lab File: VV036916.D

Acq: 13 Aug 2024 13:34

Tgt Ion: 83 Resp: 70810

Ion Ratio Lower Upper

83 100

55 0.8 62.3 93.5#

98 1.9 38.7 58.1#

