

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV040424\  
 Data File : VV034984.D  
 Acq On : 04 Apr 2024 17:32  
 Operator : SY/MD  
 Sample : P1987-08  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 04 21:38:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 04 21:33:57 2024  
 Response via : Initial Calibration

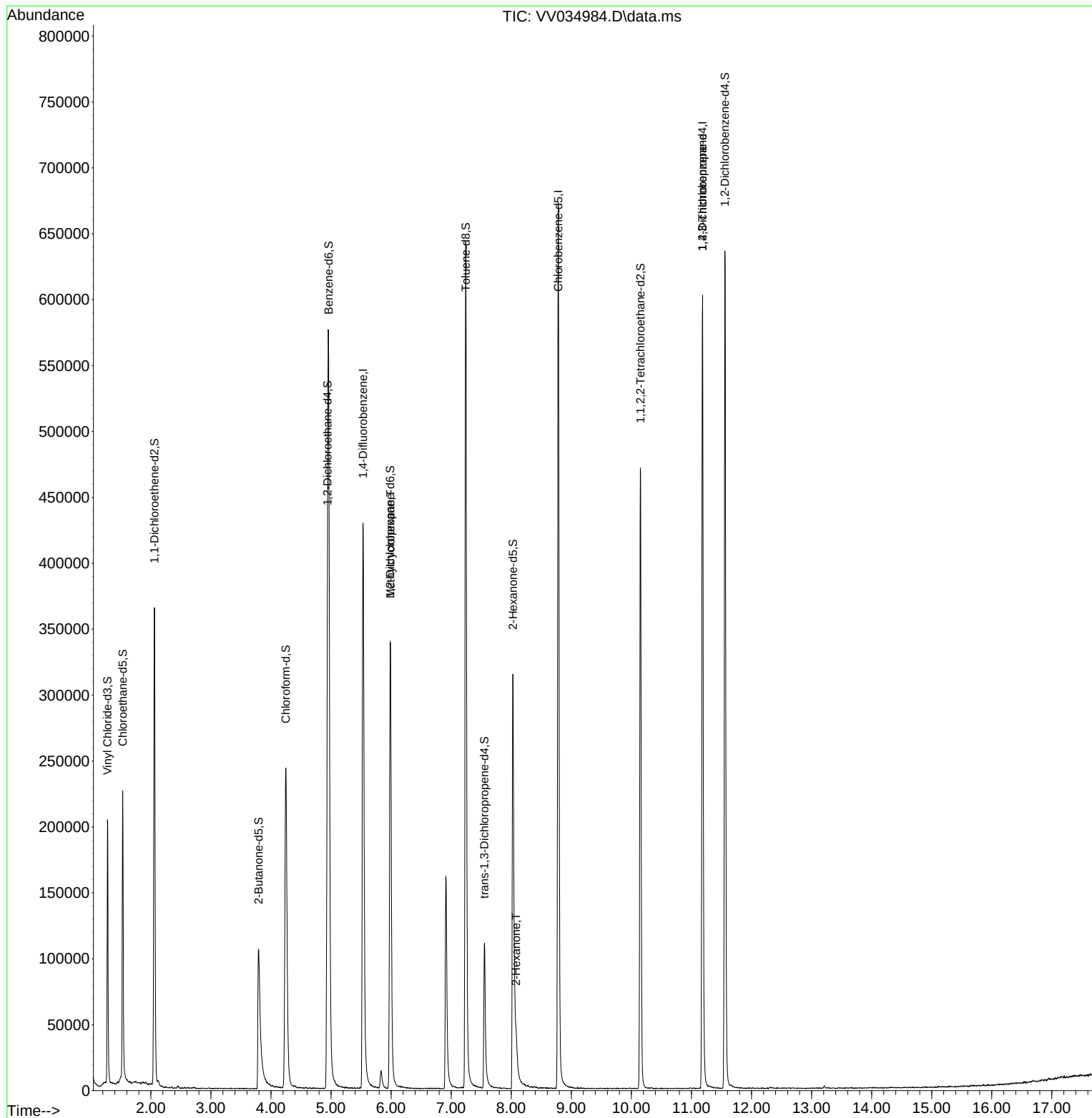
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 375923     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 365333     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 154787     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 129868     | 35.772   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 71.540%  |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 134637     | 42.697   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 85.400%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 62061      | 38.997   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 78.000%  |        |          |
| 21) 2-Butanone-d5             | 3.793          | 46   | 185966     | 86.369   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 86.370%  |        |          |
| 24) Chloroform-d              | 4.246          | 84   | 261727     | 42.878   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.760%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 169204     | 43.661   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.320%  |        |          |
| 32) Benzene-d6                | 4.960          | 84   | 517423     | 42.164   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 84.320%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.986          | 67   | 171856     | 44.101   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 88.200%  |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 437510     | 39.587   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 79.180%# |        |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 68880      | 36.359   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 72.720%  |        |          |
| 47) 2-Hexanone-d5             | 8.027          | 63   | 109096     | 74.047   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 74.050%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 231896     | 43.214   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 86.420%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 159840     | 45.993   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 91.980%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 35) Methylcyclohexane         | 5.989          | 83   | 39671      | 8.170    | ug/L # | 20       |
| 48) 2-Hexanone                | 8.082          | 43   | 18372      | 5.139    | ug/L   | 95       |
| 61) 1,2,3-Trichloropropane    | 11.185         | 75   | 20053      | 5.979    | ug/L # | 68       |
| -----                         |                |      |            |          |        |          |

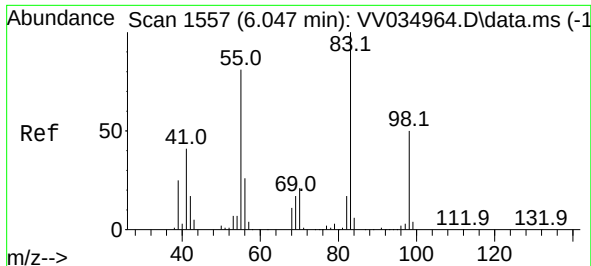
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 8.170 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV034984.D

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Instrument :

MSVOA\_V

ClientSampleId :

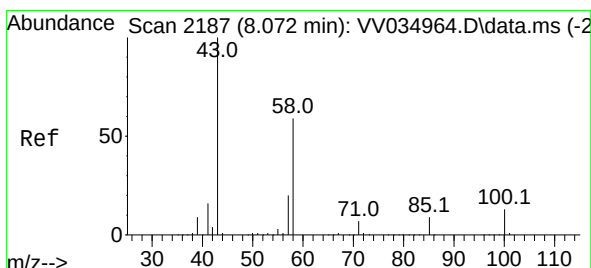
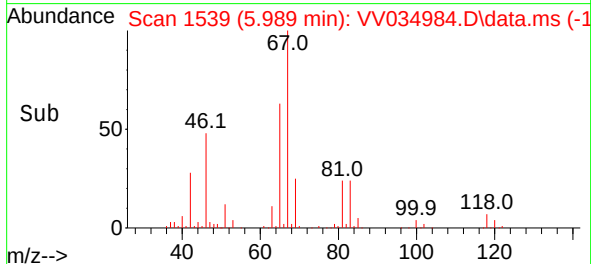
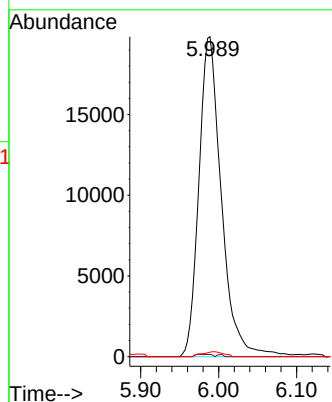
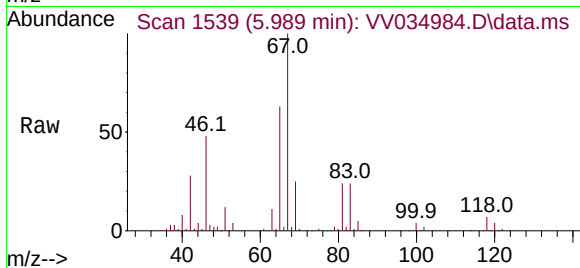
Tgt Ion: 83 Resp: 39671

Ion Ratio Lower Upper

83 100

55 0.2 60.0 90.0#

98 1.5 37.6 56.4#



#48

2-Hexanone

Concen: 5.139 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. 0.010 min

Lab File: VV034984.D

Acq: 04 Apr 2024 17:32

Tgt Ion: 43 Resp: 18372

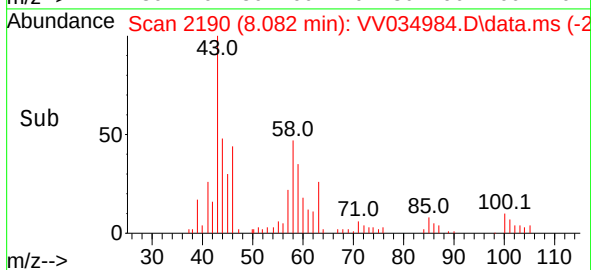
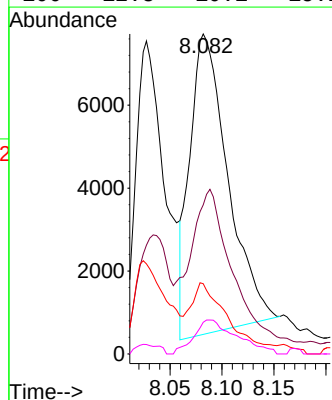
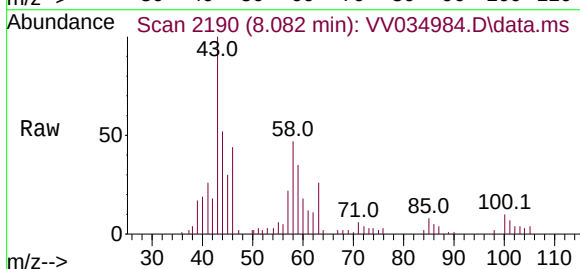
Ion Ratio Lower Upper

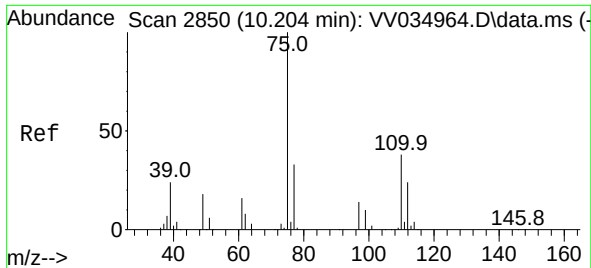
43 100

58 51.3 45.4 68.2

57 19.7 16.2 24.4

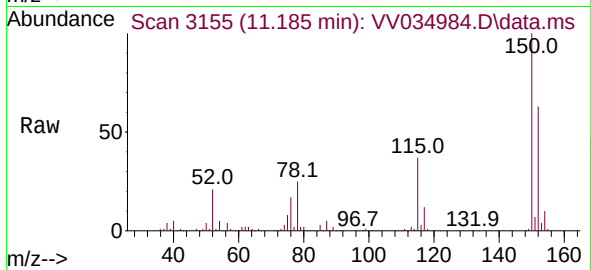
100 12.8 10.1 15.1





#61  
 1,2,3-Trichloropropane  
 Concen: 5.979 ug/L  
 RT: 11.185 min Scan# 3155  
 Delta R.T. 0.981 min  
 Lab File: VV034984.D  
 Acq: 04 Apr 2024 17:32

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 20053      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 32.6  | 26.0 39.0  |
| 110         | 2.6   | 30.5 45.7# |

