

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV093024\  
 Data File : VV037663.D  
 Acq On : 30 Sep 2024 18:08  
 Operator : SY/MD  
 Sample : P4162-19  
 Misc : 4.89g/5mL/100ul/5mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 01 02:10:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 01 02:04:27 2024  
 Response via : Initial Calibration

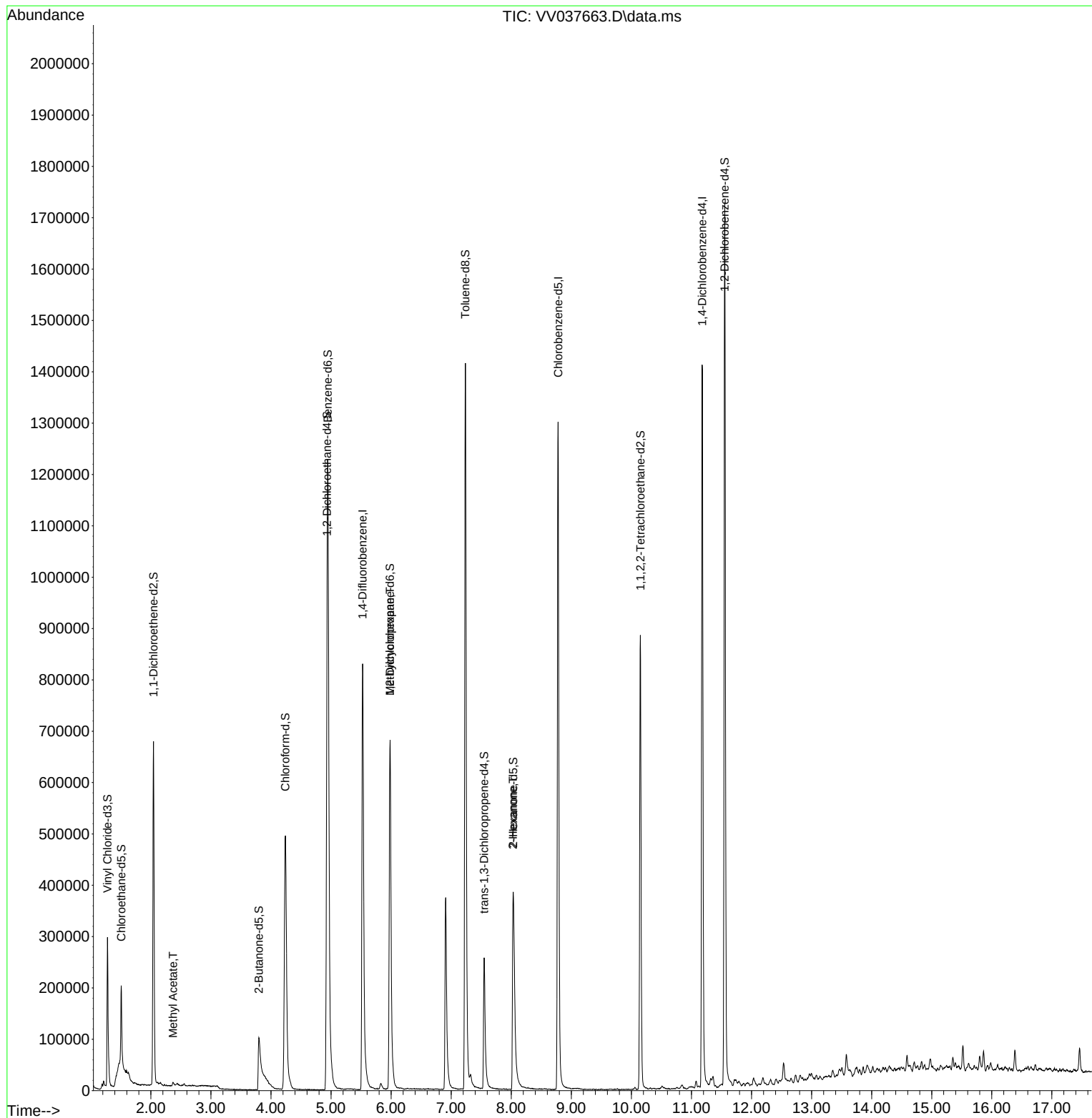
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.526   | 114   | 770050   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.780   | 117   | 742710   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181  | 152   | 372051   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 229090   | 33.890   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 67.780%  |
| 7) Chloroethane-d5            | 1.507   | 69    | 113156   | 21.566   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 43.140%# |
| 11) 1,1-Dichloroethene-d2     | 2.043   | 65    | 113536   | 40.201   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 80.400%  |
| 21) 2-Butanone-d5             | 3.799   | 46    | 198930   | 82.622   | ug/L   | 0.01     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 82.620%  |
| 24) Chloroform-d              | 4.240   | 84    | 563498   | 46.855   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.700%  |
| 26) 1,2-Dichloroethane-d4     | 4.934   | 65    | 353744   | 50.252   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.500% |
| 32) Benzene-d6                | 4.947   | 84    | 1094451  | 47.092   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.180%  |
| 36) 1,2-Dichloropropane-d6    | 5.982   | 67    | 366268   | 49.492   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 98.980%  |
| 41) Toluene-d8                | 7.236   | 98    | 998686   | 47.389   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 94.780%  |
| 43) trans-1,3-Dichloroprop... | 7.548   | 79    | 164340   | 47.803   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 95.600%  |
| 47) 2-Hexanone-d5             | 8.034   | 63    | 185387   | 118.632  | ug/L   | 0.01     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 118.630% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149  | 84    | 446944   | 51.977   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 103.960% |
| 66) 1,2-Dichlorobenzene-d4    | 11.554  | 152   | 435961   | 55.608   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 111.220% |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 15) Methyl Acetate            | 2.371   | 43    | 9485     | 2.303    | ug/L   | 94       |
| 35) Methylcyclohexane         | 5.982   | 83    | 88576    | 9.652    | ug/L # | 20       |
| 48) 2-Hexanone                | 8.030   | 43    | 26187    | 7.151    | ug/L # | 67       |
| -----                         |         |       |          |          |        |          |

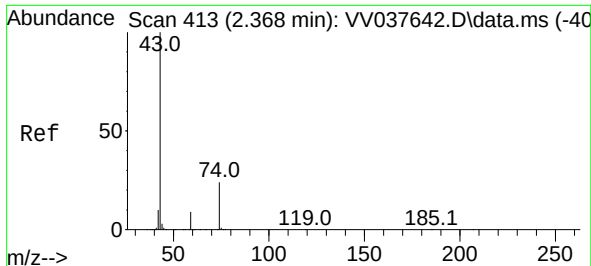
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 01 02:04:27 2024  
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 2.303 ug/L

RT: 2.371 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV037663.D

Acq: 30 Sep 2024 18:08

Instrument :

MSVOA\_V

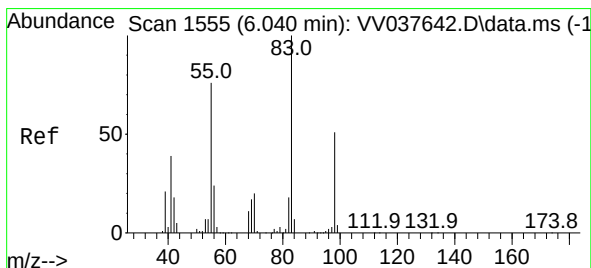
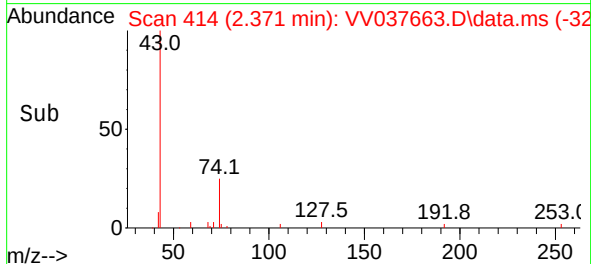
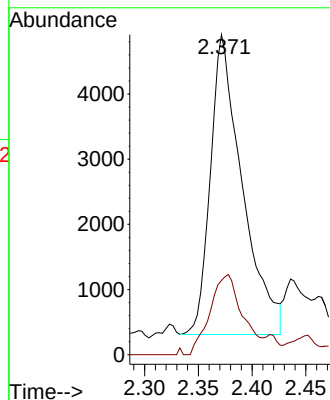
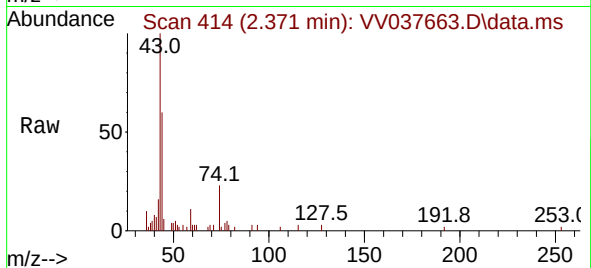
ClientSampleId :

Tgt Ion: 43 Resp: 9485

Ion Ratio Lower Upper

43 100

74 27.4 19.4 29.0



#35

Methylcyclohexane

Concen: 9.652 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV037663.D

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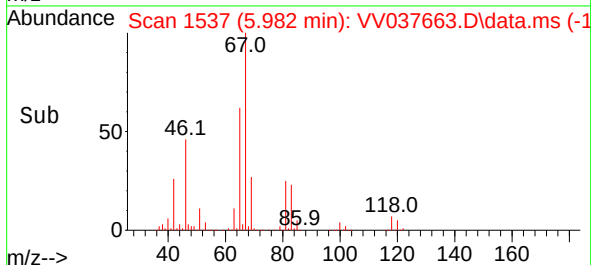
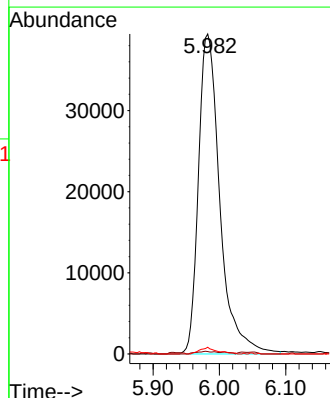
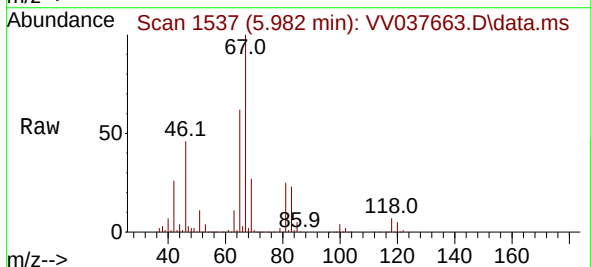
Tgt Ion: 83 Resp: 88576

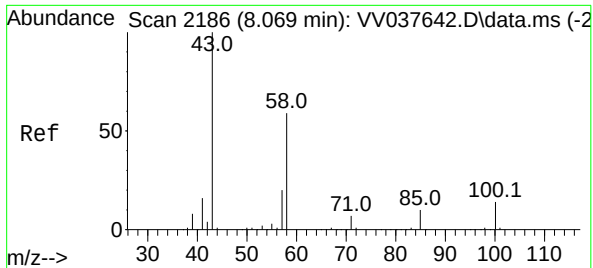
Ion Ratio Lower Upper

83 100

55 0.5 57.9 86.9#

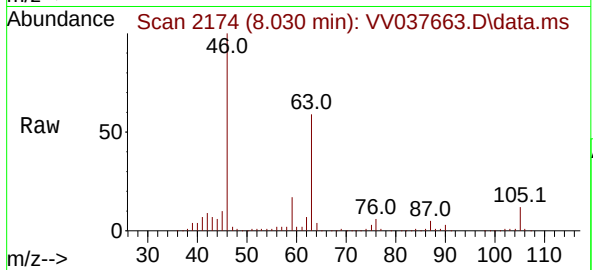
98 1.4 39.3 58.9#





#48  
 2-Hexanone  
 Concen: 7.151 ug/L  
 RT: 8.030 min Scan# 21  
 Delta R.T. -0.039 min  
 Lab File: VV037663.D  
 Acq: 30 Sep 2024 18:08

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 26187     |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 28.6 46.5 69.7# |
| 57          | 25.3 15.1 22.7# |
| 100         | 1.9 10.7 16.1#  |

