

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV053024\  
 Data File : VV035899.D  
 Acq On : 30 May 2024 16:46  
 Operator : SY/MD  
 Sample : P2632-18  
 Misc : 5.71g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 31 00:53:11 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 31 00:49:35 2024  
 Response via : Initial Calibration

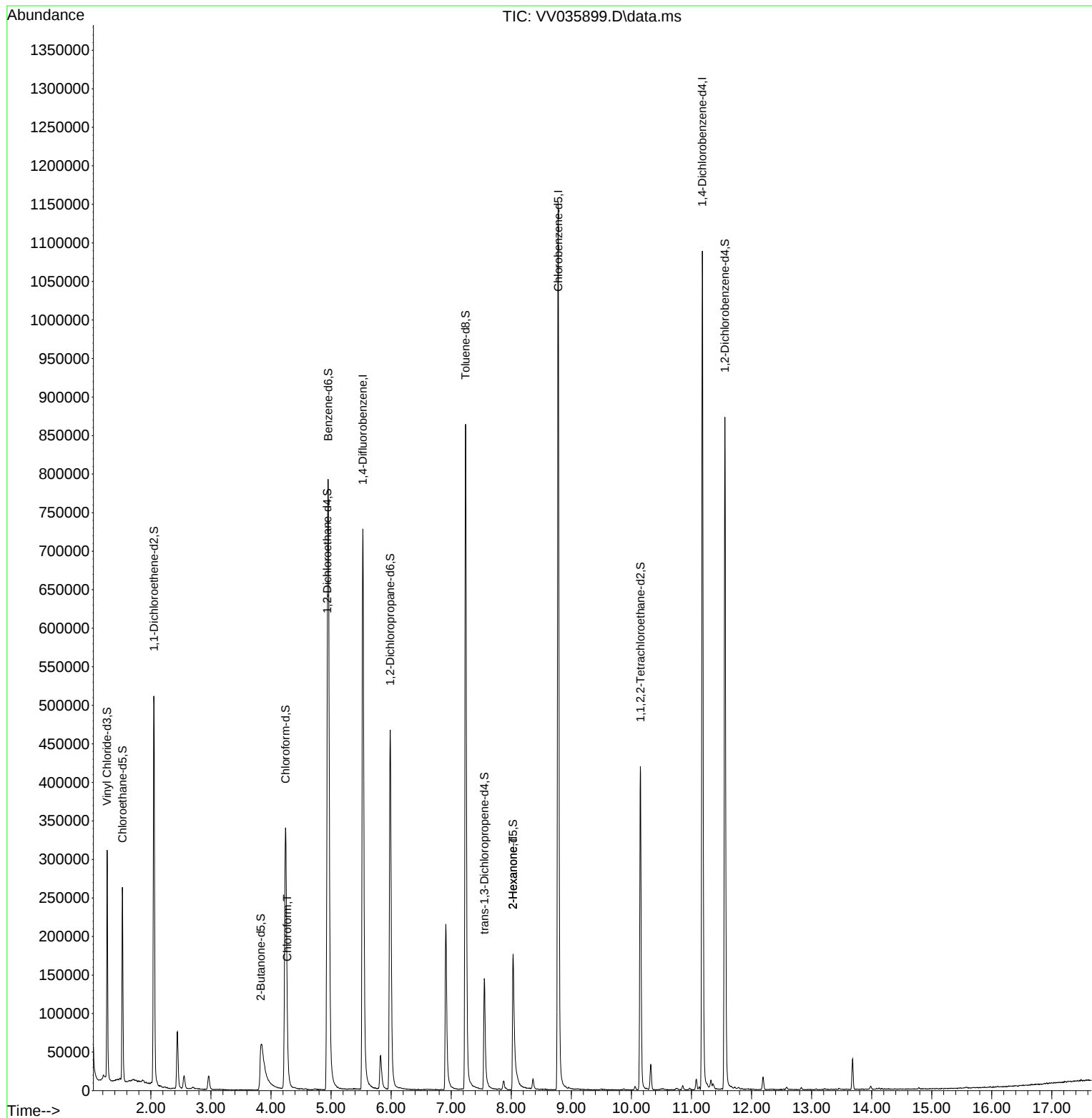
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 648309   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117   | 653971   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182 | 152   | 287036   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 195615   | 16.412   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.640%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 167030   | 17.575   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 70.280%  |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 87218    | 16.437   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 65.760%  |
| 21) 2-Butanone-d5             | 3.831  | 46    | 27617    | 10.099   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 20.200%  |
| 24) Chloroform-d              | 4.243  | 84    | 378190   | 18.349   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 73.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 218464   | 20.216   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 80.880%  |
| 32) Benzene-d6                | 4.953  | 84    | 720167   | 18.526   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 74.120%  |
| 36) 1,2-Dichloropropane-d6    | 5.986  | 67    | 244822   | 19.999   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 80.000%  |
| 41) Toluene-d8                | 7.240  | 98    | 591898   | 17.257   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 69.040%  |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79    | 94273    | 18.782   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 75.120%  |
| 47) 2-Hexanone-d5             | 8.031  | 63    | 69142    | 41.687   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 83.380%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 210423   | 23.003   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 92.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 228819   | 21.739   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 86.960%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 25) Chloroform                | 4.272  | 83    | 10512    | 0.487    | ug/L   | 90       |
| 48) 2-Hexanone                | 8.031  | 43    | 8632     | 1.810    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

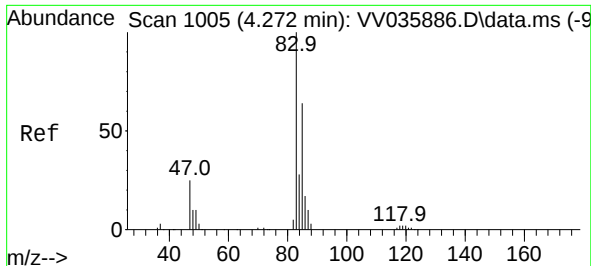
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri May 31 00:49:35 2024  
Response via : Initial Calibration





#25

Chloroform

Concen: 0.487 ug/L

RT: 4.272 min Scan# 10

Delta R.T. 0.000 min

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Instrument :

MSVOA\_V

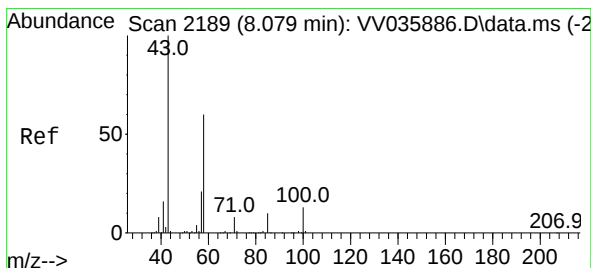
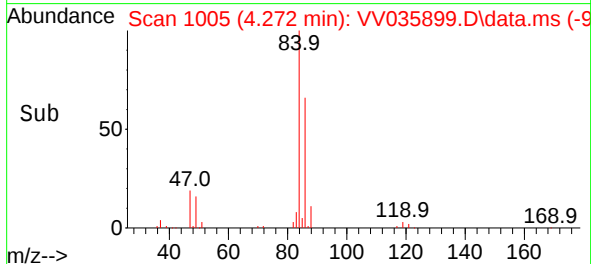
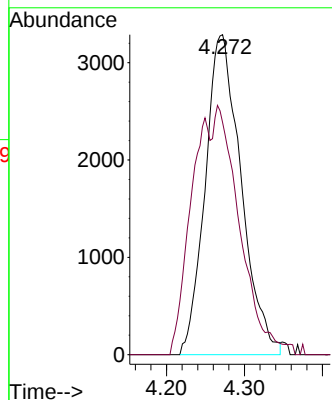
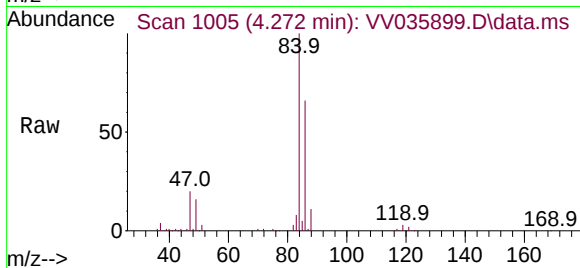
ClientSampleId :

Tgt Ion: 83 Resp: 10512

Ion Ratio Lower Upper

83 100

85 72.6 45.2 84.0



#48

2-Hexanone

Concen: 1.810 ug/L

RT: 8.031 min Scan# 2174

Delta R.T. -0.048 min

Lab File: VV035899.D

Acq: 30 May 2024 16:46

Tgt Ion: 43 Resp: 8632

Ion Ratio Lower Upper

43 100

58 40.2 45.4 68.0#

57 47.5 15.8 23.8#

100 4.3 9.8 14.8#

