

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052324\  
 Data File : VV035716.D  
 Acq On : 23 May 2024 20:40  
 Operator : SY/MD  
 Sample : P2568-09  
 Misc : 5.88g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 24 03:45:25 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 24 03:15:35 2024  
 Response via : Initial Calibration

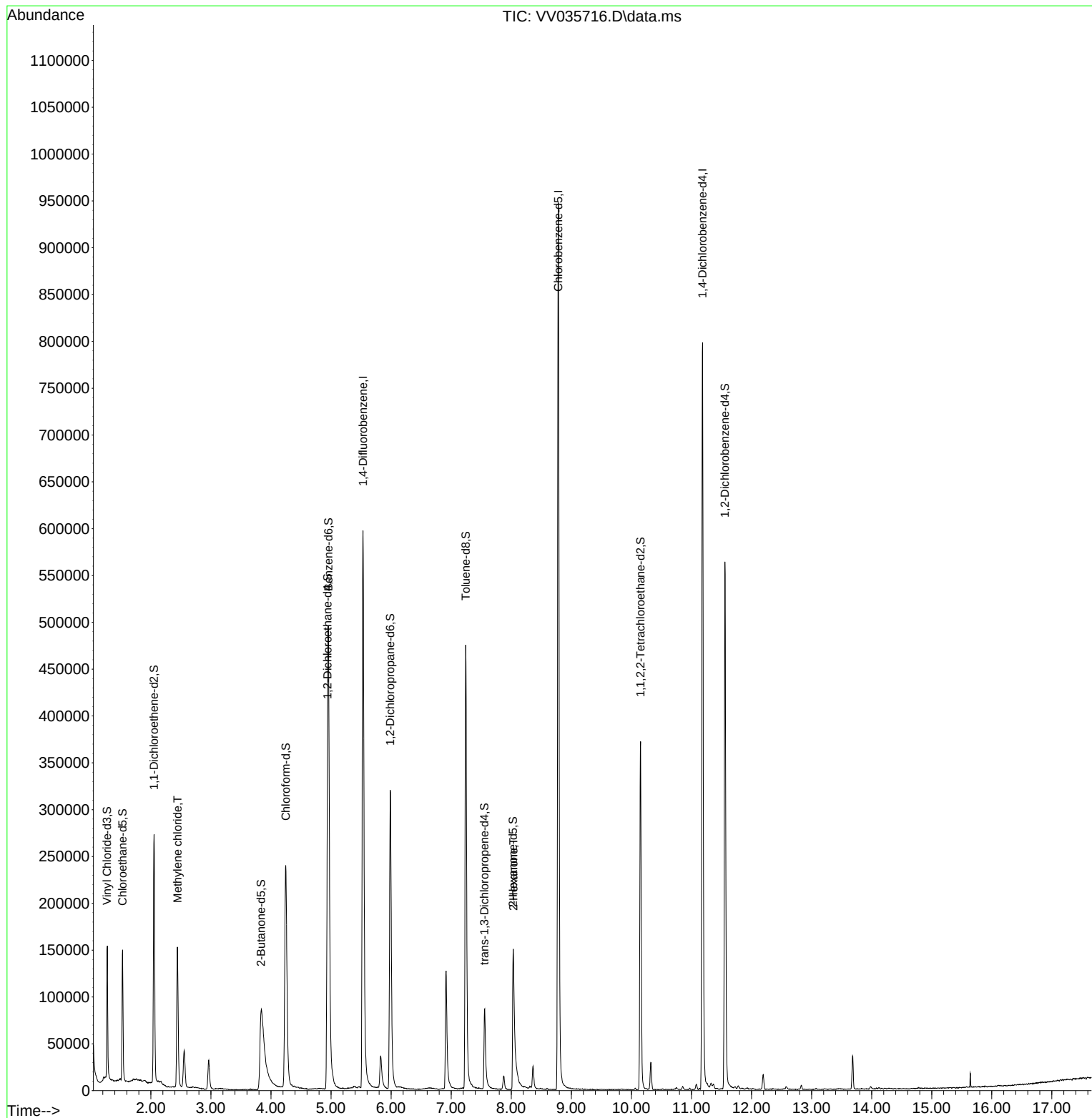
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 542235     | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 543806     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 218764     | 25.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 90953      | 10.852  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 43.400% |        |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 92806      | 13.726  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 54.920% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 45770      | 12.336  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 49.360% |        |          |
| 21) 2-Butanone-d5             | 3.834          | 46   | 82510      | 34.691  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 69.380% |        |          |
| 24) Chloroform-d              | 4.246          | 84   | 268354     | 16.647  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 66.600% |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 153306     | 19.237  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 76.960% |        |          |
| 32) Benzene-d6                | 4.957          | 84   | 441613     | 14.835  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 59.360% |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 167202     | 18.201  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 72.800% |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 341680     | 12.897  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 51.600% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 58996      | 15.016  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 60.080% |        |          |
| 47) 2-Hexanone-d5             | 8.030          | 63   | 57856      | 35.024  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 70.040% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 184868     | 20.884  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 83.520% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 150891     | 19.875  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 79.480% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 16) Methylene chloride        | 2.442          | 84   | 66363      | 5.307   | ug/L   | 94       |
| 48) 2-Hexanone                | 8.037          | 43   | 5623       | 1.334   | ug/L # | 51       |
| -----                         |                |      |            |         |        |          |

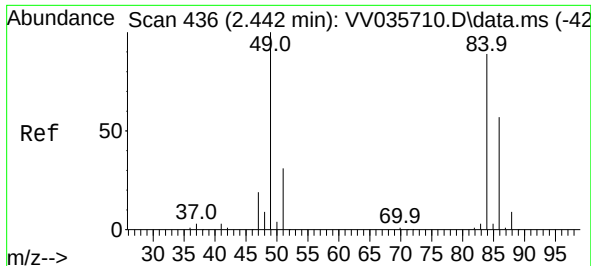
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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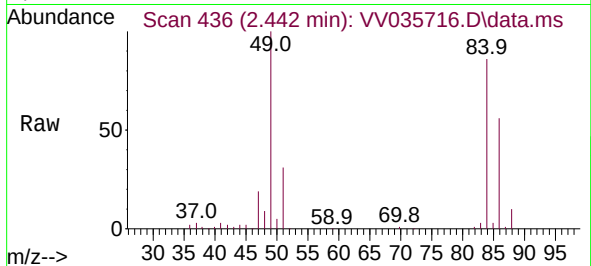
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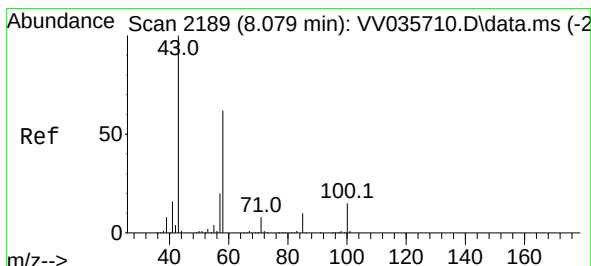
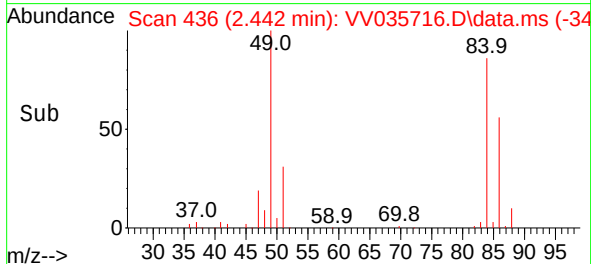
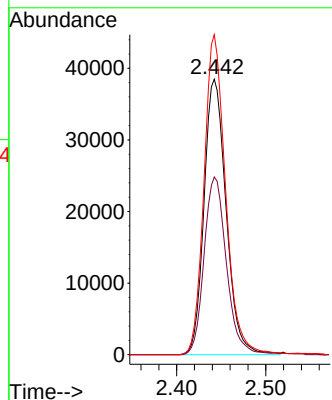
#16  
Methylene chloride  
Concen: 5.307 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV035716.D  
Acq: 23 May 2024 20:40

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion: 84 Resp: 66363

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 64.5  | 43.8  | 81.3  |
| 49  | 116.1 | 75.3  | 139.9 |



#48  
2-Hexanone  
Concen: 1.334 ug/L  
RT: 8.037 min Scan# 2176  
Delta R.T. -0.042 min  
Lab File: VV035716.D  
Acq: 23 May 2024 20:40

Tgt Ion: 43 Resp: 5623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 24.4  | 48.8  | 73.2# |
| 57  | 54.1  | 16.9  | 25.3# |
| 100 | 6.3   | 11.7  | 17.5# |

