

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052424\  
 Data File : VV035735.D  
 Acq On : 24 May 2024 10:52  
 Operator : SY/MD  
 Sample : P2570-08  
 Misc : 4.88g/10.0mL/MSVOA\_V/SOIL/VIAL A  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 24 23:44:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 24 23:42:56 2024  
 Response via : Initial Calibration

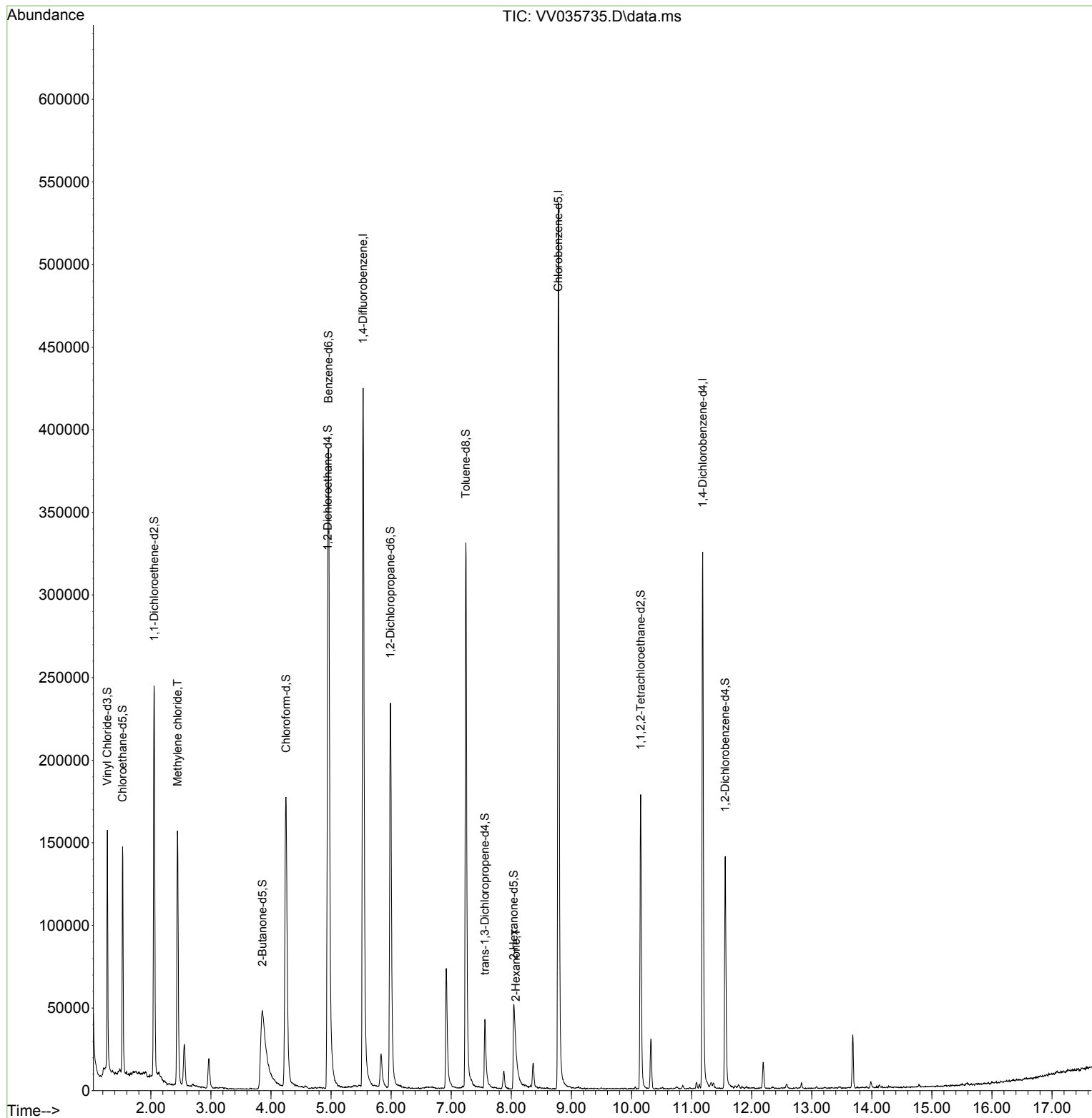
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 384340   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 311349   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 90174    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 95229    | 16.031   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 64.120%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 90075    | 18.796   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 75.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 41255    | 15.687   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 62.760%  |
| 21) 2-Butanone-d5             | 3.857  | 46    | 10683    | 6.337    | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 12.680%# |
| 24) Chloroform-d              | 4.249  | 84    | 202955   | 17.762   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 71.040%  |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65    | 111041   | 19.658   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 78.640%  |
| 32) Benzene-d6                | 4.957  | 84    | 353516   | 20.742   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 82.960%  |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 126644   | 24.079   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 96.320%  |
| 41) Toluene-d8                | 7.243  | 98    | 234136   | 15.436   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 61.760%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 29721    | 13.213   | ug/L   | 0.01     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 52.840%  |
| 47) 2-Hexanone-d5             | 8.040  | 63    | 18383    | 19.437   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 38.880%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 89312    | 17.622   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 70.480%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 39840    | 12.731   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 50.920%# |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.442  | 84    | 69123    | 7.799    | ug/L   | 95       |
| 48) 2-Hexanone                | 8.076  | 43    | 9049     | 3.748    | ug/L   | # 37     |
| -----                         |        |       |          |          |        |          |

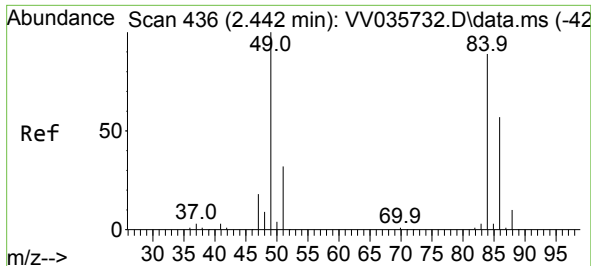
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA\_V  
ClientSampleId :

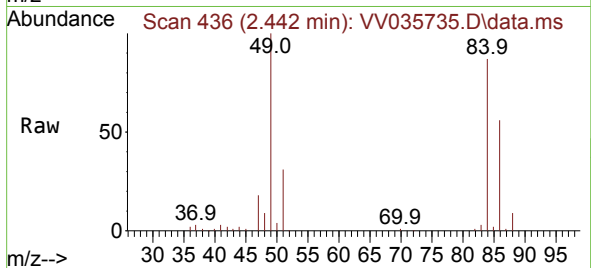
Quant Time: May 24 23:44:42 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
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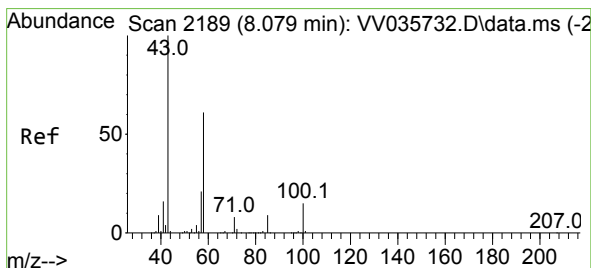
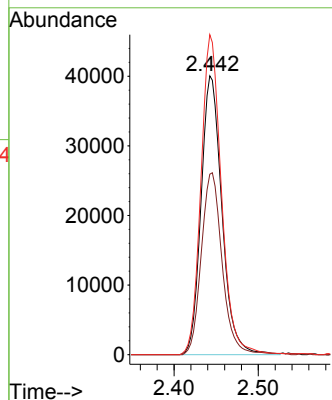
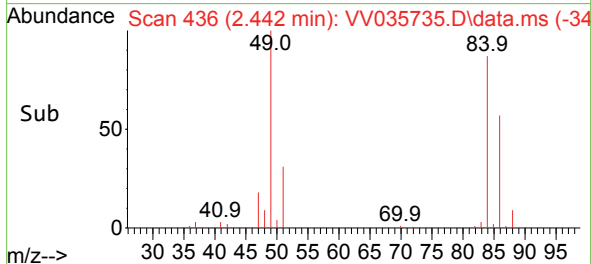
#16  
Methylene chloride  
Concen: 7.799 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV035735.D  
Acq: 24 May 2024 10:52

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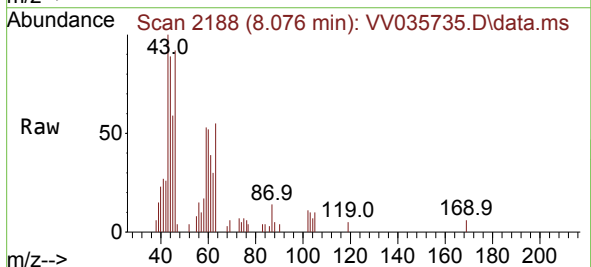


Tgt Ion: 84 Resp: 69123

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 64.7  | 43.8  | 81.3  |
| 49  | 114.8 | 75.3  | 139.9 |



#48  
2-Hexanone  
Concen: 3.748 ug/L  
RT: 8.076 min Scan# 2188  
Delta R.T. -0.003 min  
Lab File: VV035735.D  
Acq: 24 May 2024 10:52



Tgt Ion: 43 Resp: 9049

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 2.8   | 48.8  | 73.2# |
| 57  | 0.0   | 16.9  | 25.3# |
| 100 | 0.5   | 11.7  | 17.5# |

