

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071524\  
 Data File : VV036520.D  
 Acq On : 15 Jul 2024 12:18  
 Operator : SY/MD  
 Sample : P3215-03  
 Misc : 5.88g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 16 01:26:25 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 16 01:25:30 2024  
 Response via : Initial Calibration

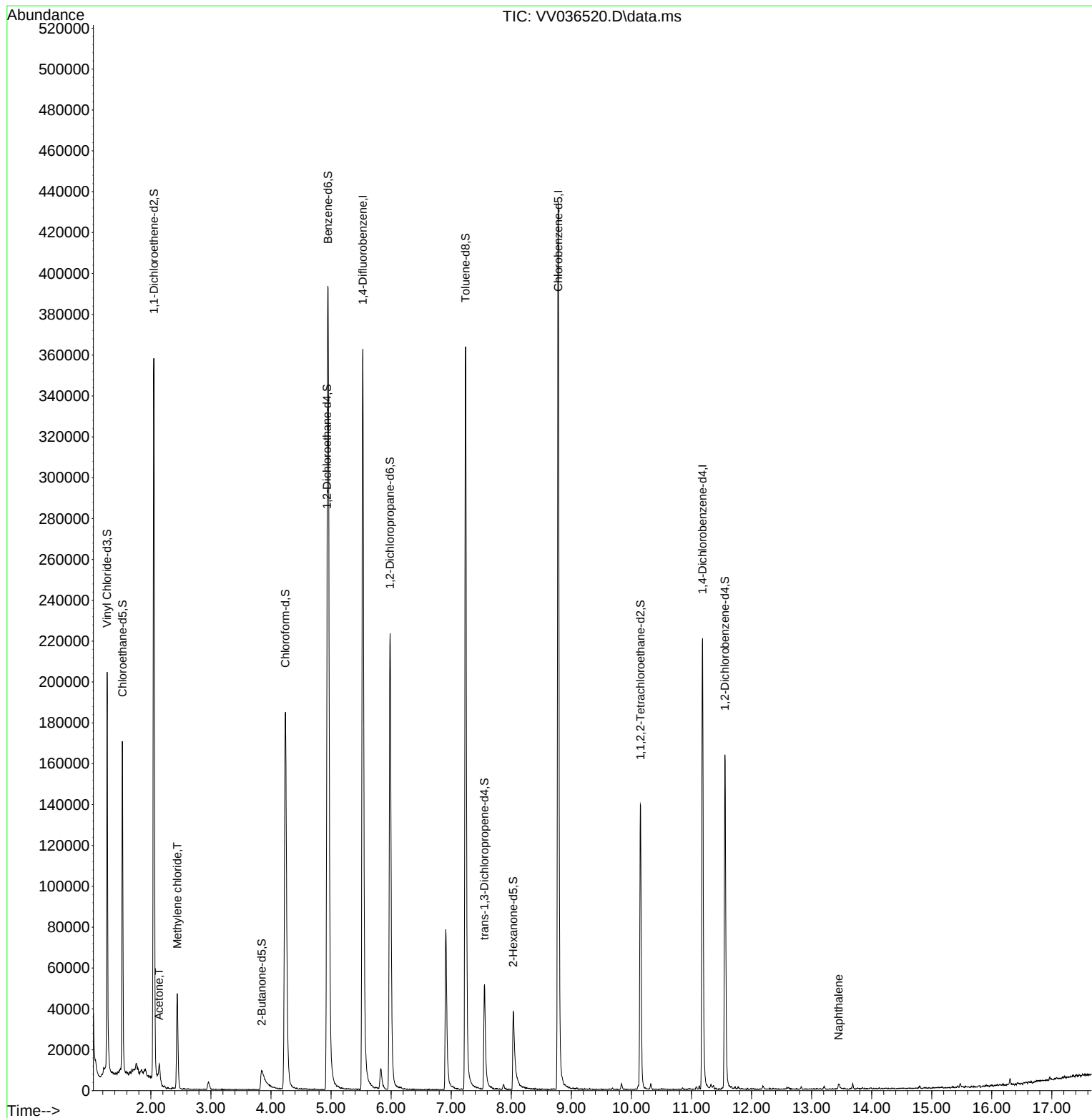
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 341402   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 265883   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 64478    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 125991   | 25.759   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 103.040% |
| 7) Chloroethane-d5            | 1.526  | 69    | 106940   | 25.007   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 100.040% |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 56672    | 22.563   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 90.240%  |
| 21) 2-Butanone-d5             | 3.844  | 46    | 7346     | 8.775    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 17.540%# |
| 24) Chloroform-d              | 4.239  | 84    | 202916   | 20.419   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 81.680%  |
| 26) 1,2-Dichloroethane-d4     | 4.934  | 65    | 104444   | 21.190   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 84.760%  |
| 32) Benzene-d6                | 4.950  | 84    | 361365   | 27.243   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 108.960% |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 109547   | 27.711   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 110.840% |
| 41) Toluene-d8                | 7.239  | 98    | 260846   | 21.313   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 85.240%  |
| 43) trans-1,3-Dichloroprop... | 7.554  | 79    | 34901    | 21.235   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 84.920%  |
| 47) 2-Hexanone-d5             | 8.034  | 63    | 14169    | 32.271   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 64.540%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 67934    | 20.404   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 81.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.557 | 152   | 46606    | 21.299   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 85.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.137  | 43    | 3264     | 2.758    | ug/L # | 58       |
| 16) Methylene chloride        | 2.439  | 84    | 22780    | 3.245    | ug/L   | 93       |
| 71) Naphthalene               | 13.451 | 128   | 2959     | 0.840    | ug/L # | 83       |
| -----                         |        |       |          |          |        |          |

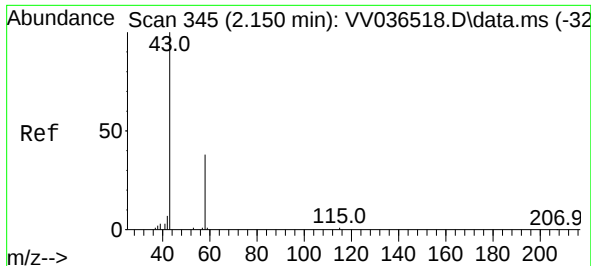
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Jul 16 01:25:30 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 2.758 ug/L

RT: 2.137 min Scan# 345

Delta R.T. -0.013 min

Lab File: VV036520.D

Acq: 15 Jul 2024 12:18

Instrument :

MSVOA\_V

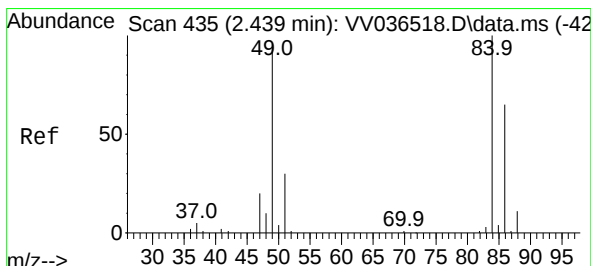
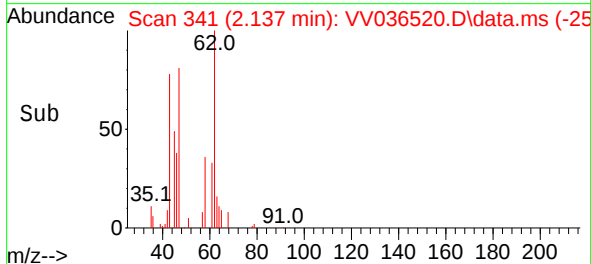
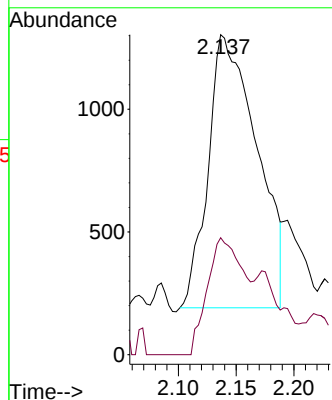
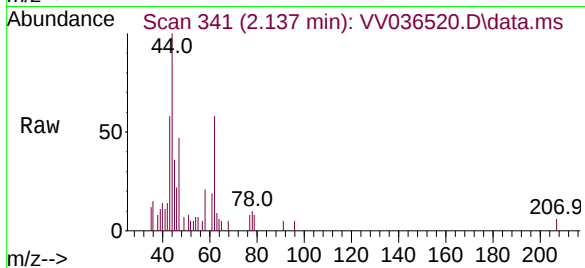
ClientSampleId :

Tgt Ion: 43 Resp: 3264

Ion Ratio Lower Upper

43 100

58 31.4 0.0 28.4#



#16

Methylene chloride

Concen: 3.245 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV036520.D

Acq: 15 Jul 2024 12:18

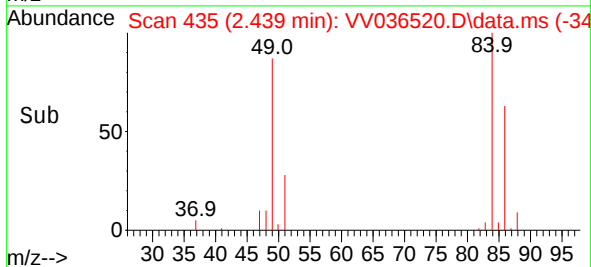
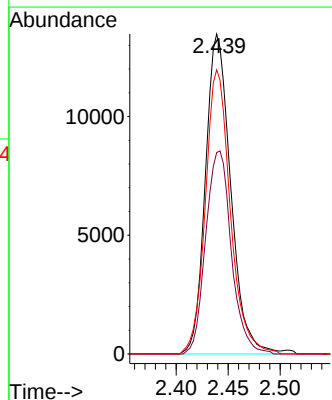
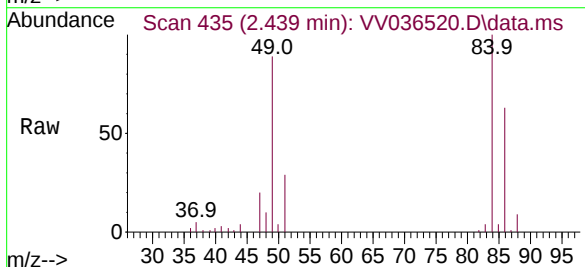
Tgt Ion: 84 Resp: 22780

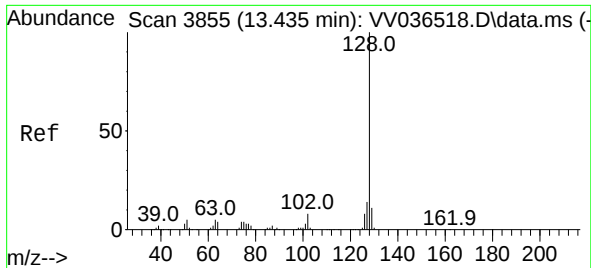
Ion Ratio Lower Upper

84 100

86 63.0 46.3 86.1

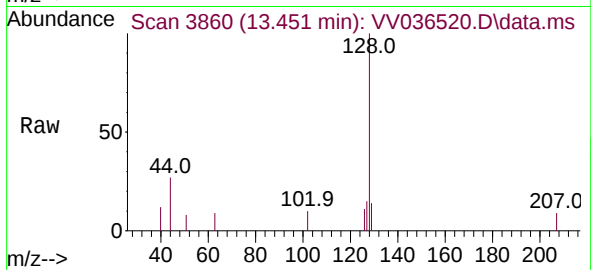
49 88.8 68.1 126.5





#71  
Naphthalene  
Concen: 0.840 ug/L  
RT: 13.451 min Scan# 3860  
Delta R.T. 0.016 min  
Lab File: VV036520.D  
Acq: 15 Jul 2024 12:18

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion:128 Resp: 2959  
Ion Ratio Lower Upper  
128 100  
127 5.1 10.8 16.2#  
129 6.2 8.6 13.0#

