

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061424\  
 Data File : VV036091.D  
 Acq On : 14 Jun 2024 13:50  
 Operator : SY/MD  
 Sample : P2873-06  
 Misc : 2.78g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 15 01:33:31 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 15 01:30:52 2024  
 Response via : Initial Calibration

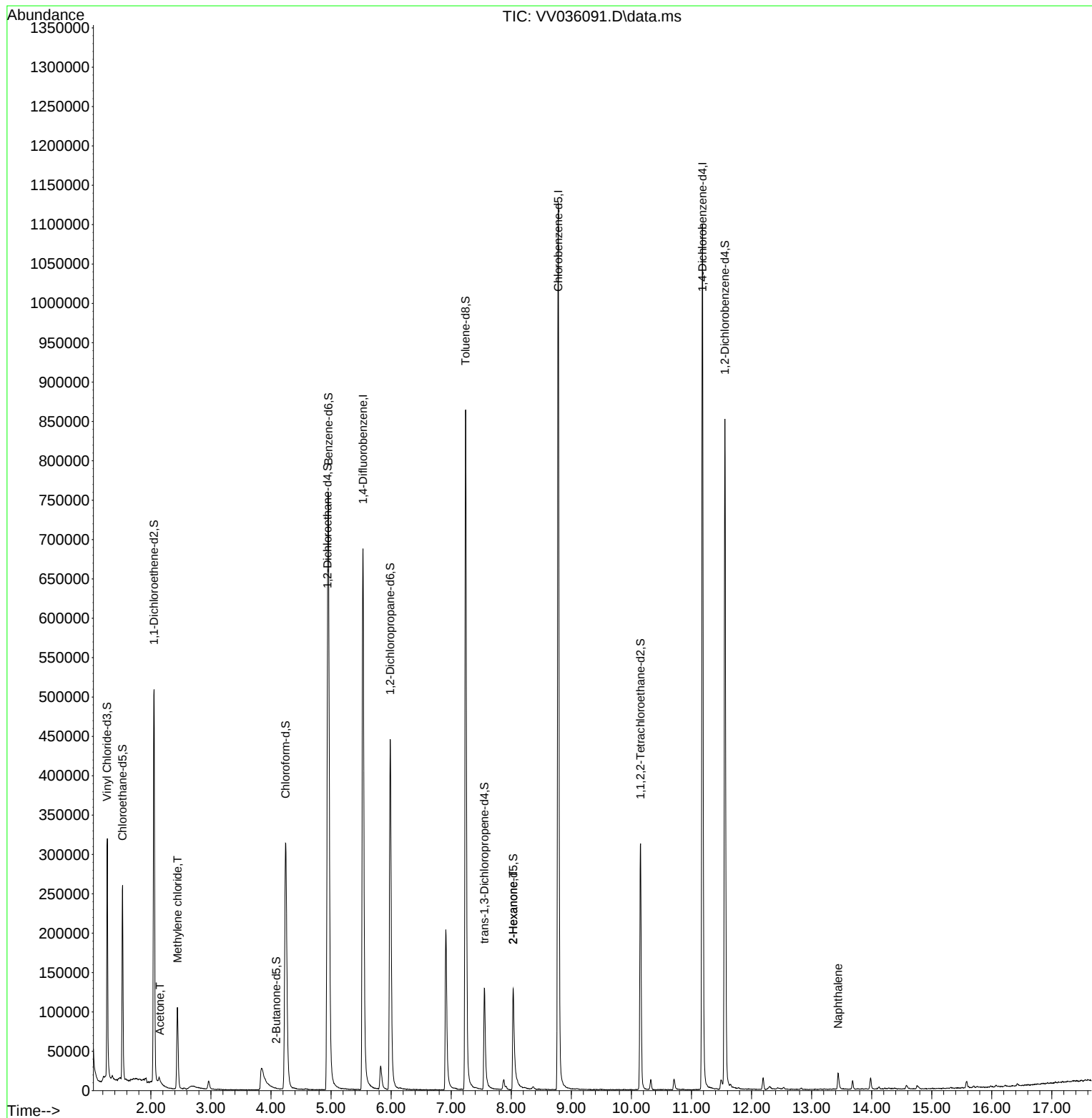
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 608527   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 624588   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 284510   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 200532   | 17.924   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.680%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 163024   | 18.275   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 73.080%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 86279    | 17.323   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 69.280%  |
| 21) 2-Butanone-d5             | 4.088  | 46    | 384      | 0.150    | ug/L   | 0.25     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 0.300%#  |
| 24) Chloroform-d              | 4.243  | 84    | 349629   | 18.072   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 72.280%  |
| 26) 1,2-Dichloroethane-d4     | 4.940  | 65    | 188450   | 18.579   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 74.320%  |
| 32) Benzene-d6                | 4.956  | 84    | 694359   | 18.702   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 74.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67    | 227889   | 19.492   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 77.960%  |
| 41) Toluene-d8                | 7.239  | 98    | 586789   | 17.913   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 71.640%  |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79    | 83582    | 17.435   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 69.760%  |
| 47) 2-Hexanone-d5             | 8.034  | 63    | 51869    | 32.744   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 65.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152 | 84    | 160296   | 18.347   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 73.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.557 | 152   | 223803   | 21.451   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 85.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.150  | 43    | 10505    | 2.627    | ug/L   | 97       |
| 16) Methylene chloride        | 2.442  | 84    | 44915    | 3.262    | ug/L   | 99       |
| 48) 2-Hexanone                | 8.034  | 43    | 6230     | 1.367    | ug/L # | 71       |
| 71) Naphthalene               | 13.442 | 128   | 19307    | 1.048    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

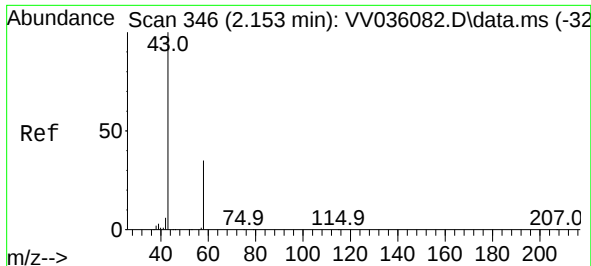
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Sat Jun 15 01:30:52 2024  
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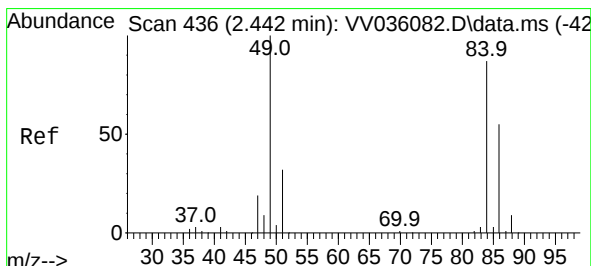
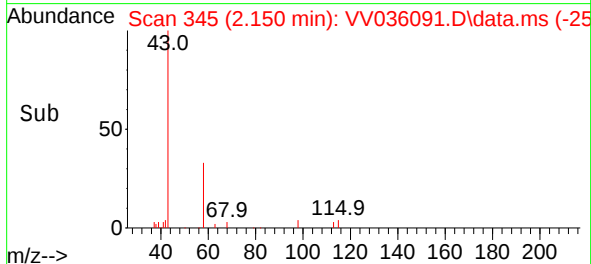
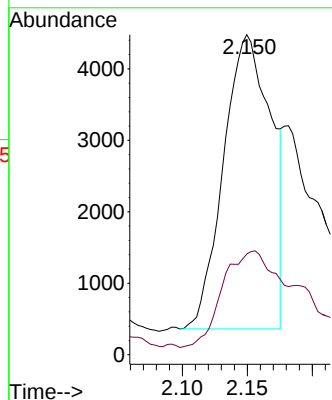
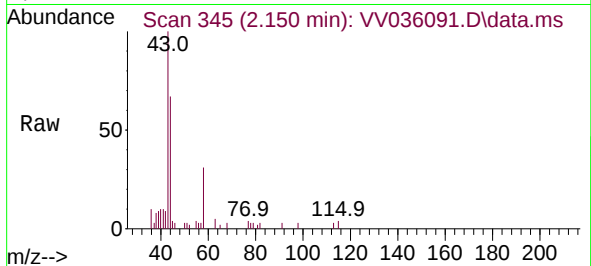




#13  
Acetone  
Concen: 2.627 ug/L  
RT: 2.150 min Scan# 346  
Delta R.T. -0.003 min  
Lab File: VV036091.D  
Acq: 14 Jun 2024 13:50

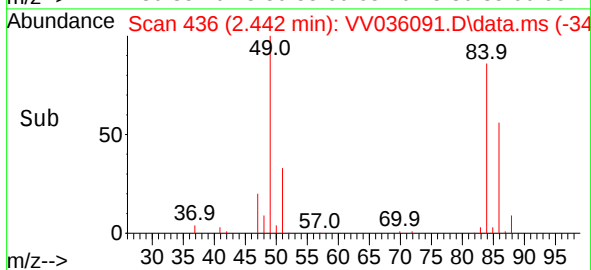
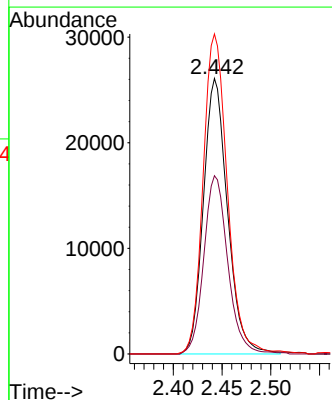
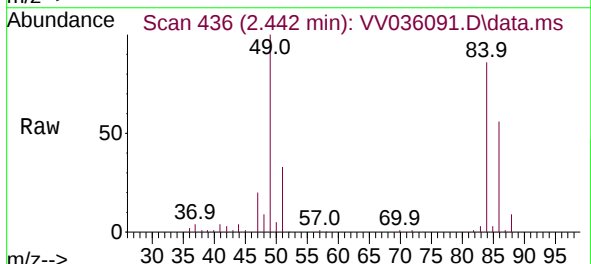
Instrument :  
MSVOA\_V  
ClientSampleId :

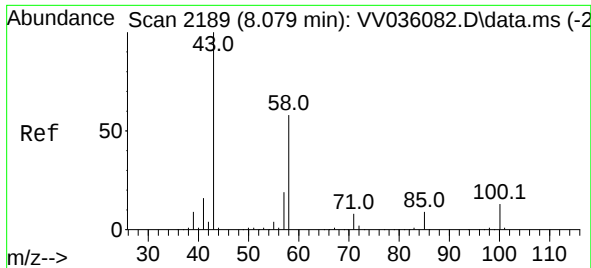
Tgt Ion: 43 Resp: 10505  
Ion Ratio Lower Upper  
43 100  
58 11.1 0.0 24.2



#16  
Methylene chloride  
Concen: 3.262 ug/L  
RT: 2.442 min Scan# 436  
Delta R.T. -0.000 min  
Lab File: VV036091.D  
Acq: 14 Jun 2024 13:50

Tgt Ion: 84 Resp: 44915  
Ion Ratio Lower Upper  
84 100  
86 64.7 44.6 82.8  
49 116.2 81.1 150.5

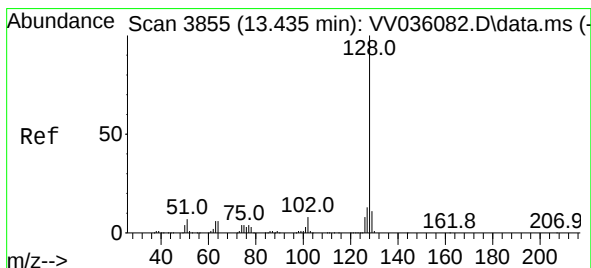
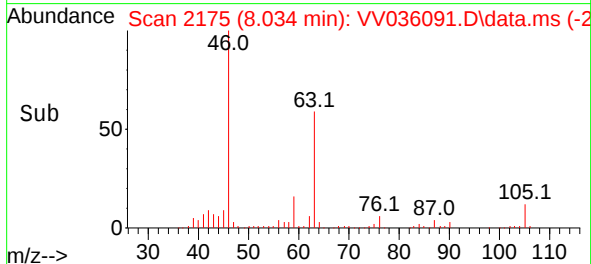
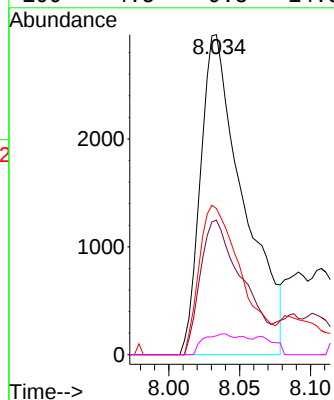
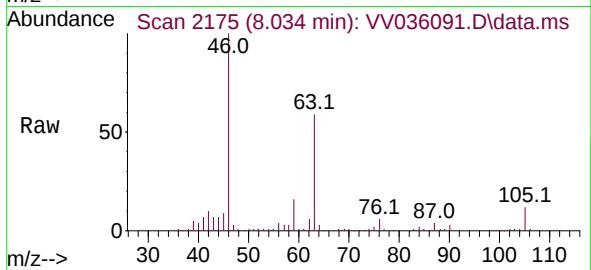




#48  
2-Hexanone  
Concen: 1.367 ug/L  
RT: 8.034 min Scan# 2189  
Delta R.T. -0.045 min  
Lab File: VV036091.D  
Acq: 14 Jun 2024 13:50

Instrument :  
MSVOA\_V  
ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 6230  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 41.9     | 45.4 68.0#  |
| 57 47.0     | 15.8 23.8#  |
| 100 4.5     | 9.8 14.8#   |



#71  
Naphthalene  
Concen: 1.048 ug/L  
RT: 13.442 min Scan# 3857  
Delta R.T. 0.006 min  
Lab File: VV036091.D  
Acq: 14 Jun 2024 13:50

|             |             |
|-------------|-------------|
| Tgt Ion:128 | Resp: 19307 |
| Ion Ratio   | Lower Upper |
| 128 100     |             |
| 127 13.4    | 10.6 16.0   |
| 129 10.3    | 8.8 13.2    |

