

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052524\  
 Data File : VV035791.D  
 Acq On : 25 May 2024 13:01  
 Operator : SY/MD  
 Sample : P2577-10RE  
 Misc : 2.71g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHBN8RE

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024  
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 27 01:43:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon May 27 01:41:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 333910   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 284803   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 95334    | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 124064   | 24.039   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 96.160%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 99656m   | 23.935   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 95.760%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 46256    | 20.245   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 80.960%  |
| 21) 2-Butanone-d5             | 3.847  | 46    | 73951    | 50.491   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 100.980% |
| 24) Chloroform-d              | 4.246  | 84    | 193372   | 19.479   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 77.920%  |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65    | 108777   | 22.165   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 88.680%  |
| 32) Benzene-d6                | 4.957  | 84    | 363459   | 23.314   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 93.240%  |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 117283   | 24.377   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 97.520%  |
| 41) Toluene-d8                | 7.243  | 98    | 266061   | 19.175   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 76.720%  |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 39269    | 19.085   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 76.320%  |
| 47) 2-Hexanone-d5             | 8.034  | 63    | 41051    | 47.451   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 94.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 84799    | 18.291   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 73.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 52001    | 15.717   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 62.880%# |
| Target Compounds              |        |       |          |          |       |          |
| 13) Acetone                   | 2.153  | 43    | 337188m  | 157.270  | ug/L  |          |
| 15) Methyl Acetate            | 2.388  | 43    | 48712    | 14.996   | ug/L  | 96       |
| 16) Methylene chloride        | 2.442  | 84    | 25673    | 3.334    | ug/L  | 96       |
| 22) 2-Butanone                | 3.947  | 43    | 30649m   | 15.393   | ug/L  |          |

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

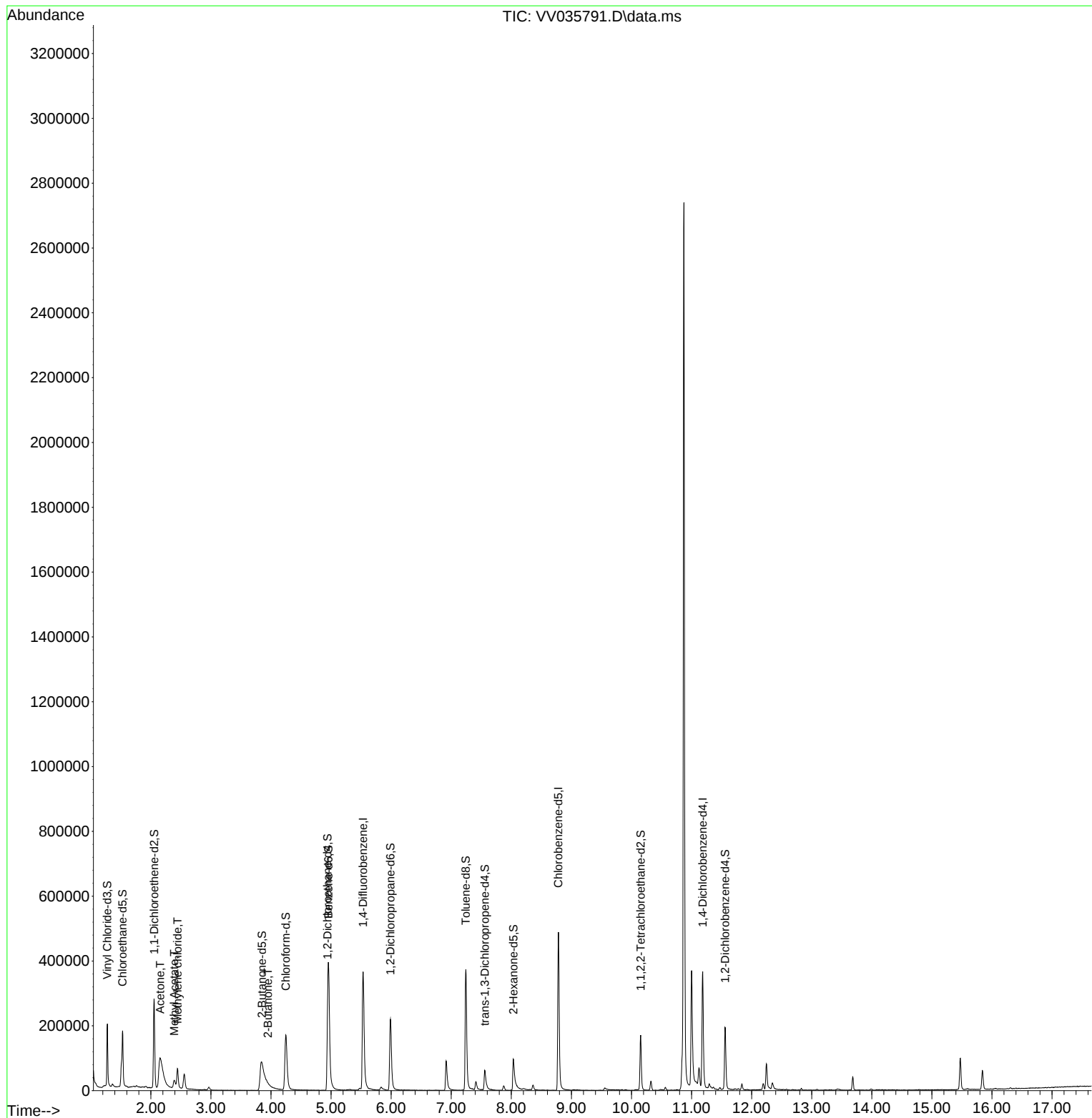
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052524\  
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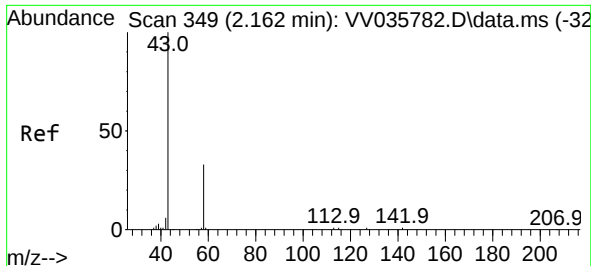
Instrument :  
MSVOA\_V  
ClientSampleId :  
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Quant Time: May 27 01:43:54 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
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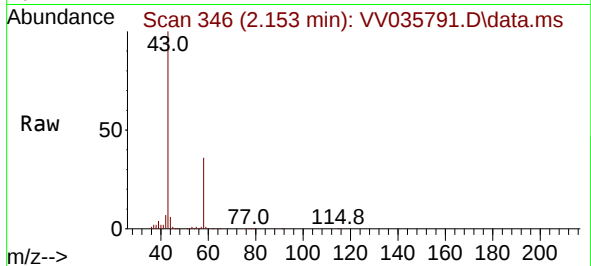
Reviewed By :Semsettin Yesilyurt 05/28/2024  
Supervised By :Mahesh Dadoda 05/28/2024





#13  
Acetone  
Concen: 157.270 ug/L m  
RT: 2.153 min Scan# 349  
Delta R.T. -0.010 min  
Lab File: VV035791.D  
Acq: 25 May 2024 13:01

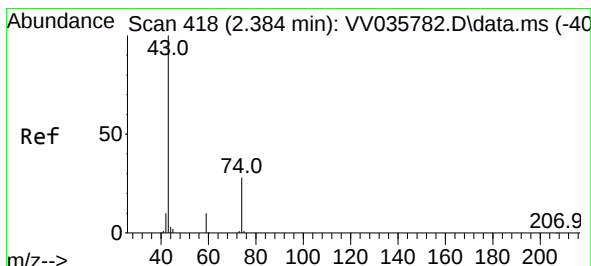
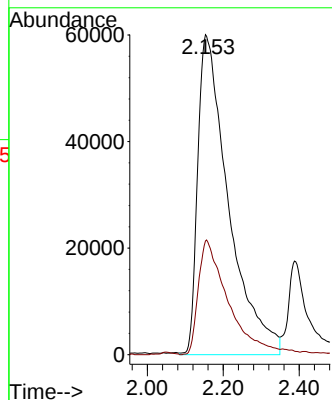
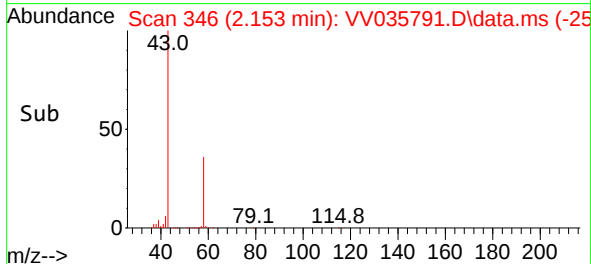
Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB8RE



Tgt Ion: 43 Resp: 337188  
Ion Ratio Lower Upper  
43 100  
58 0.1 0.0 22.8

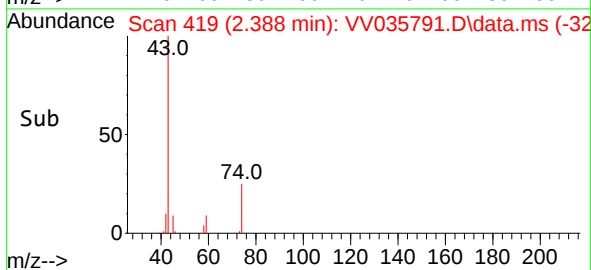
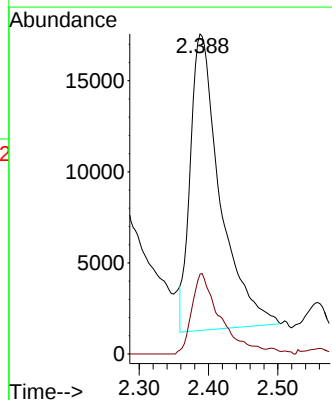
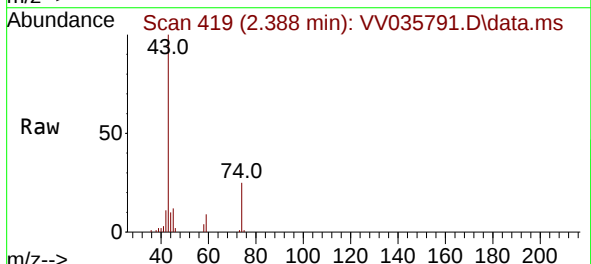
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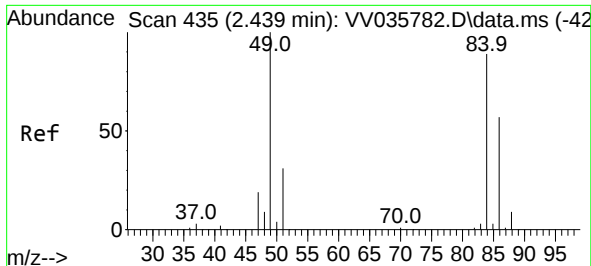
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#15  
Methyl Acetate  
Concen: 14.996 ug/L  
RT: 2.388 min Scan# 419  
Delta R.T. 0.003 min  
Lab File: VV035791.D  
Acq: 25 May 2024 13:01

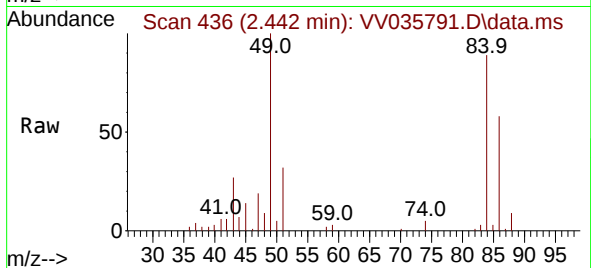
Tgt Ion: 43 Resp: 48712  
Ion Ratio Lower Upper  
43 100  
74 25.0 18.6 27.8





#16  
Methylene chloride  
Concen: 3.334 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV035791.D  
Acq: 25 May 2024 13:01

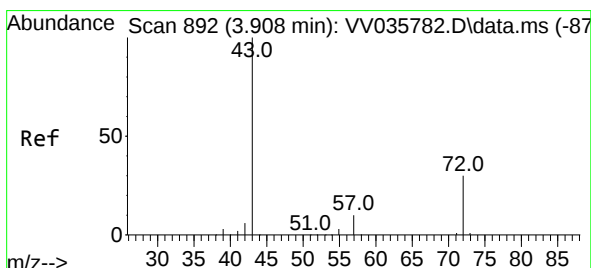
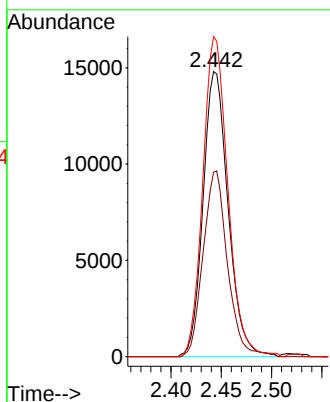
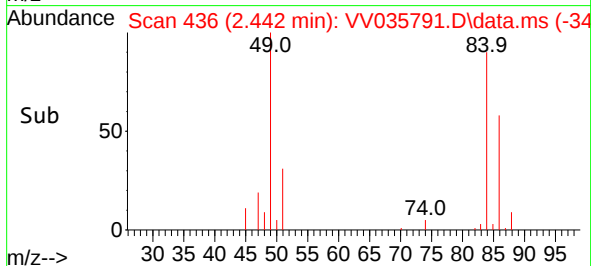
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Tgt Ion: 84 Resp: 2567  
Ion Ratio Lower Upper  
84 100  
86 64.7 43.8 81.3  
49 112.2 75.3 139.9

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#22  
2-Butanone  
Concen: 15.393 ug/L m  
RT: 3.947 min Scan# 904  
Delta R.T. 0.039 min  
Lab File: VV035791.D  
Acq: 25 May 2024 13:01

Tgt Ion: 43 Resp: 30649  
Ion Ratio Lower Upper  
43 100  
72 6.4 12.3 36.9#

