

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031924\  
 Data File : VW034734.D  
 Acq On : 19 Mar 2024 14:47  
 Operator : SY/MD  
 Sample : P1751-20  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YCL45

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024  
 Supervised By :Semsettin Yesilyurt 03/20/2024

Quant Time: Mar 20 01:23:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 20 01:19:21 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 333593     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 312143     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 146488     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 135076     | 46.708   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 93.420%  |        |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 110934     | 49.238   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 98.480%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 60475      | 46.240   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 92.480%  |        |          |
| 21) 2-Butanone-d5             | 3.786          | 46   | 179335     | 92.731   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 92.730%  |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 240294     | 46.995   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.980%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 162913     | 48.757   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.520%  |        |          |
| 32) Benzene-d6                | 4.960          | 84   | 478639     | 50.808   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.620% |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.986          | 67   | 145150     | 50.487   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 100.980% |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 419256     | 49.179   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.360%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 69545      | 48.171   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 96.340%  |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 109026     | 75.943   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 75.940%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 187638     | 49.595   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 99.180%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 156862     | 52.388   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 104.780% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.069          | 96   | 51576      | 20.647   | ug/L # | 49       |
| 13) Acetone                   | 2.114          | 43   | 2440873    | 1049.886 | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.117          | 63   | 11920      | 2.517    | ug/L   | 92       |
| 20) cis-1,2-Dichloroethene    | 3.822          | 96   | 4189       | 1.597    | ug/L   | 96       |
| 22) 2-Butanone                | 3.902          | 43   | 22083m     | 9.619    | ug/L   |          |
| 30) 1,1,1-Trichloroethane     | 4.516          | 97   | 9794       | 2.188    | ug/L # | 77       |
| -----                         |                |      |            |          |        |          |

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

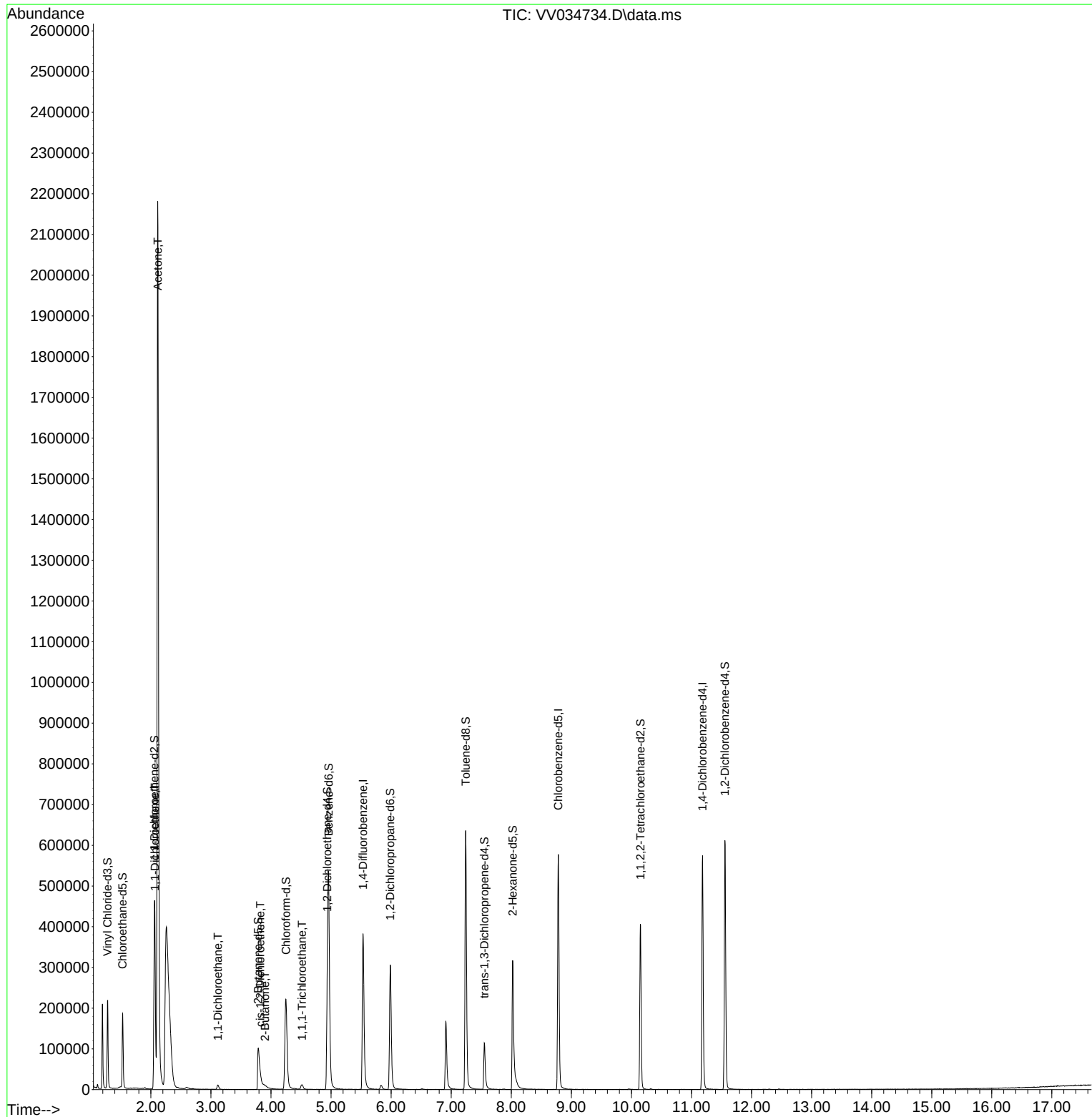
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Data File : VV034734.D  
Acq On : 19 Mar 2024 14:47  
Operator : SY/MD  
Sample : P1751-20  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

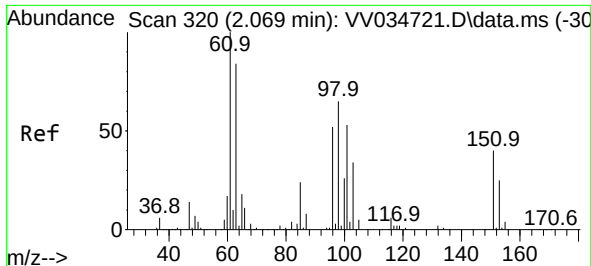
Instrument :  
MSVOA\_V  
ClientSampleId :  
YCL45

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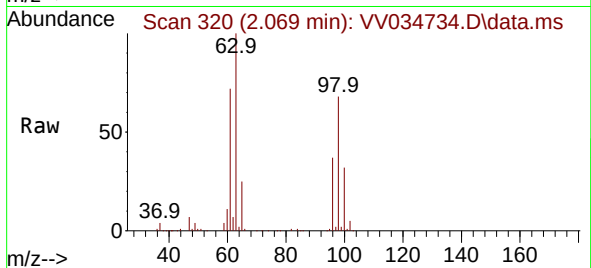
Quant Time: Mar 20 01:23:55 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022924WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Mar 20 01:19:21 2024  
Response via : Initial Calibration





#12  
1,1-Dichloroethene  
Concen: 20.647 ug/L  
RT: 2.069 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV034734.D  
Acq: 19 Mar 2024 14:47

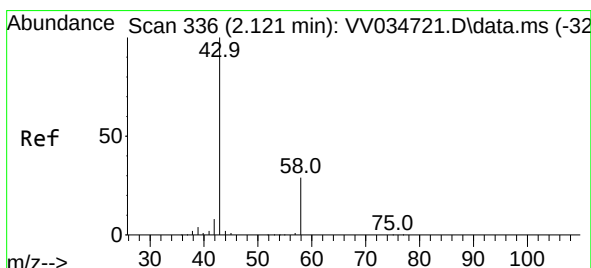
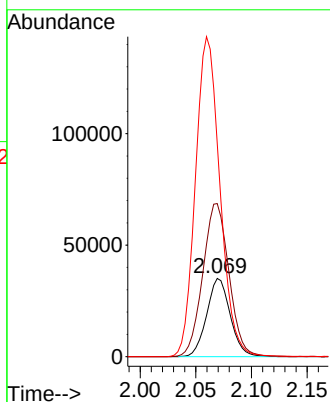
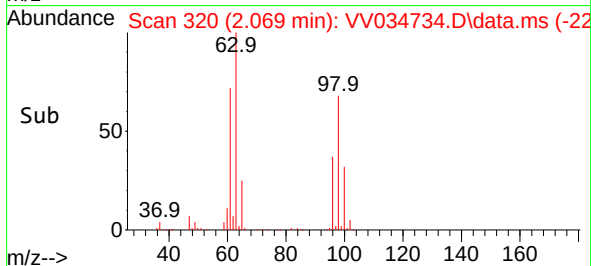
Instrument :  
MSVOA\_V  
ClientSampleId :  
YCL45



Tgt Ion: 96 Resp: 51570  
Ion Ratio Lower Upper  
96 100  
61 195.5 128.9 239.3  
63 272.4 98.0 182.0

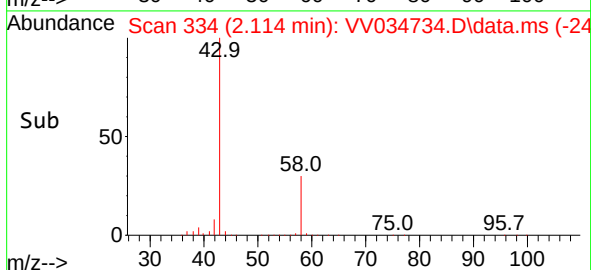
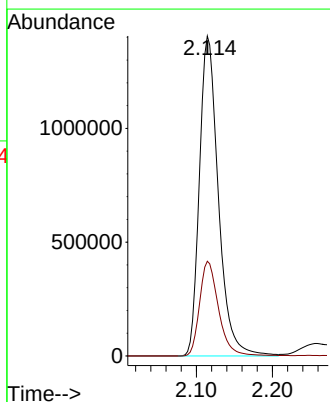
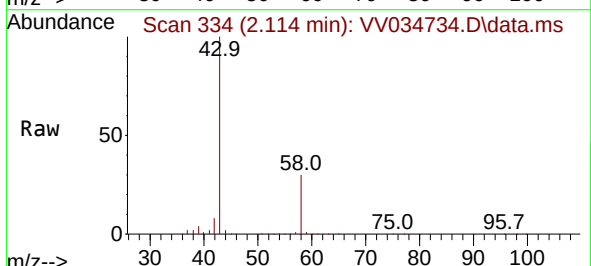
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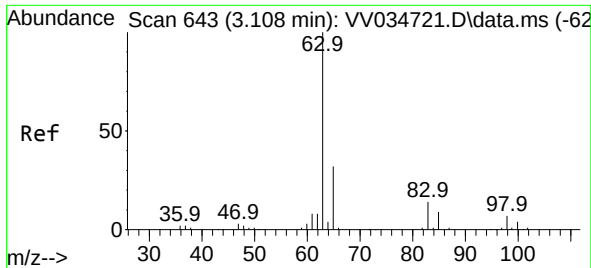
Reviewed By :Mahesh Dadoda 03/20/2024  
Supervised By :Semsettin Yesilyurt 03/20/2024



#13  
Acetone  
Concen: 1049.886 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. -0.006 min  
Lab File: VV034734.D  
Acq: 19 Mar 2024 14:47

Tgt Ion: 43 Resp: 2440873  
Ion Ratio Lower Upper  
43 100  
58 29.6 0.0 57.2





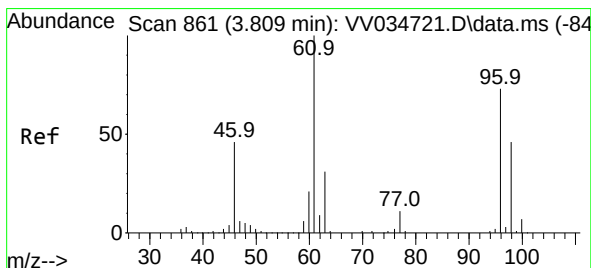
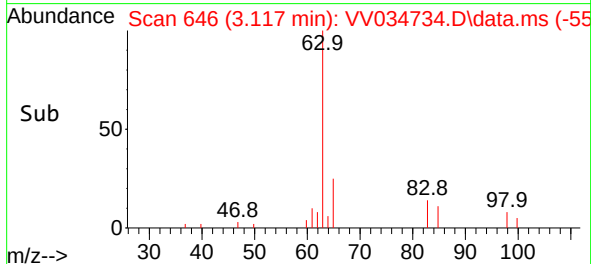
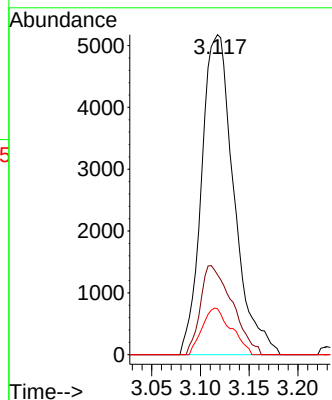
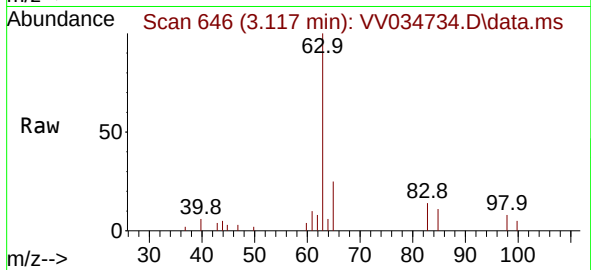
#19  
1,1-Dichloroethane  
Concen: 2.517 ug/L  
RT: 3.117 min Scan# 643  
Delta R.T. 0.010 min  
Lab File: VV034734.D  
Acq: 19 Mar 2024 14:47

Instrument : MSVOA\_V  
ClientSampleId : YCL45

Tgt Ion: 63 Resp: 11920  
Ion Ratio Lower Upper  
63 100  
65 25.0 22.1 41.1  
83 14.3 9.9 18.3

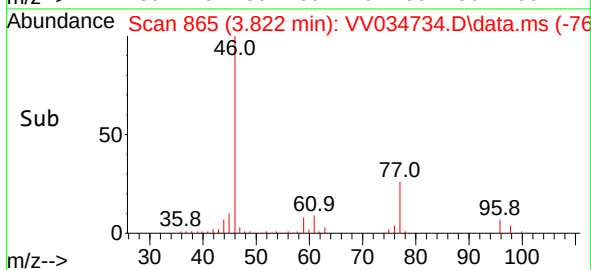
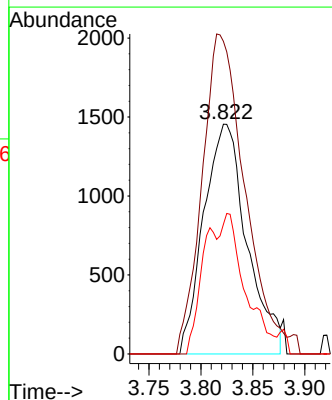
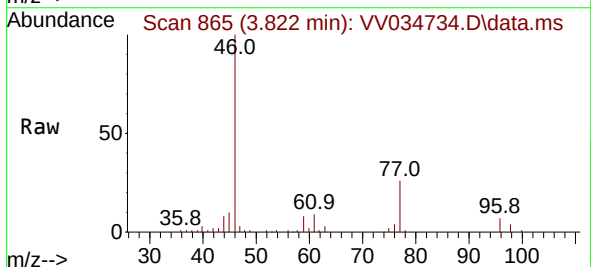
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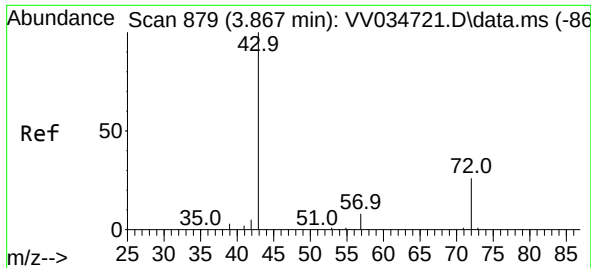
Reviewed By :Mahesh Dadoda 03/20/2024  
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#20  
cis-1,2-Dichloroethene  
Concen: 1.597 ug/L  
RT: 3.822 min Scan# 865  
Delta R.T. 0.013 min  
Lab File: VV034734.D  
Acq: 19 Mar 2024 14:47

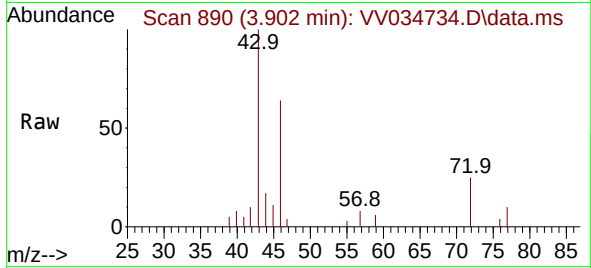
Tgt Ion: 96 Resp: 4189  
Ion Ratio Lower Upper  
96 100  
61 136.0 96.0 178.4  
98 56.4 46.0 85.4





#22  
2-Butanone  
Concen: 9.619 ug/L m  
RT: 3.902 min Scan# 891  
Delta R.T. 0.035 min  
Lab File: VV034734.D  
Acq: 19 Mar 2024 14:47

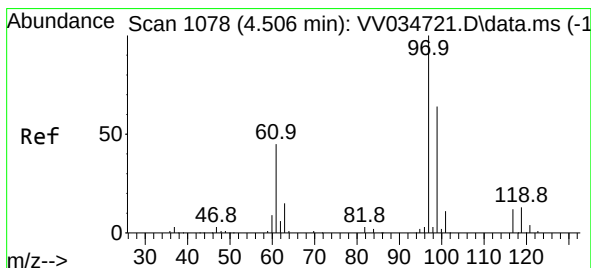
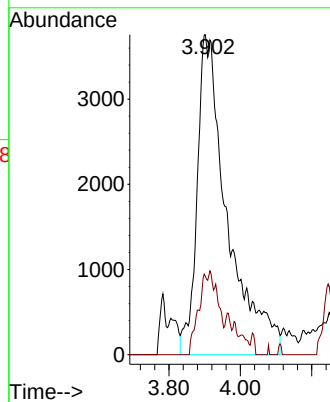
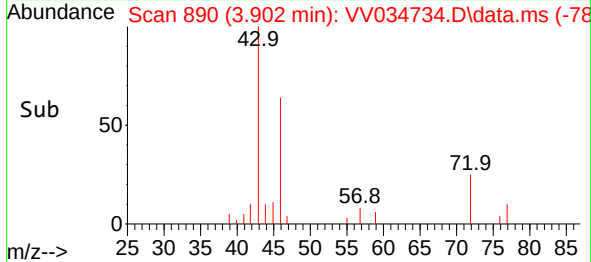
Instrument :  
MSVOA\_V  
ClientSampleId :  
YCL45



Tgt Ion: 43 Resp: 2208  
Ion Ratio Lower Upper  
43 100  
72 2.9 11.5 34.4

Manual Integrations  
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Supervised By :Semsettin Yesilyurt 03/20/2024



#30  
1,1,1-Trichloroethane  
Concen: 2.188 ug/L  
RT: 4.516 min Scan# 1081  
Delta R.T. 0.010 min  
Lab File: VV034734.D  
Acq: 19 Mar 2024 14:47

Tgt Ion: 97 Resp: 9794  
Ion Ratio Lower Upper  
97 100  
99 33.7 51.3 76.9#  
61 44.0 36.0 54.0

