Quantitation Report (Qedit)

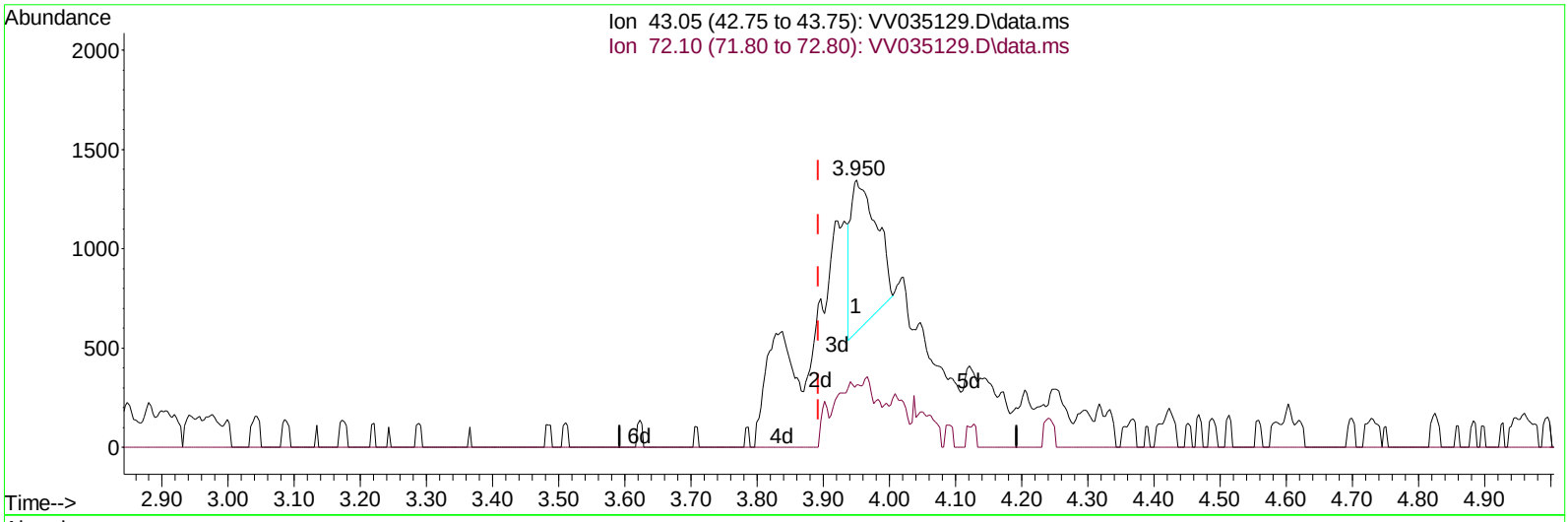
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041124\
Data File : VV035129.D
Acq On : 11 Apr 2024 17:21
Operator : SY/MD
Sample : P2056-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

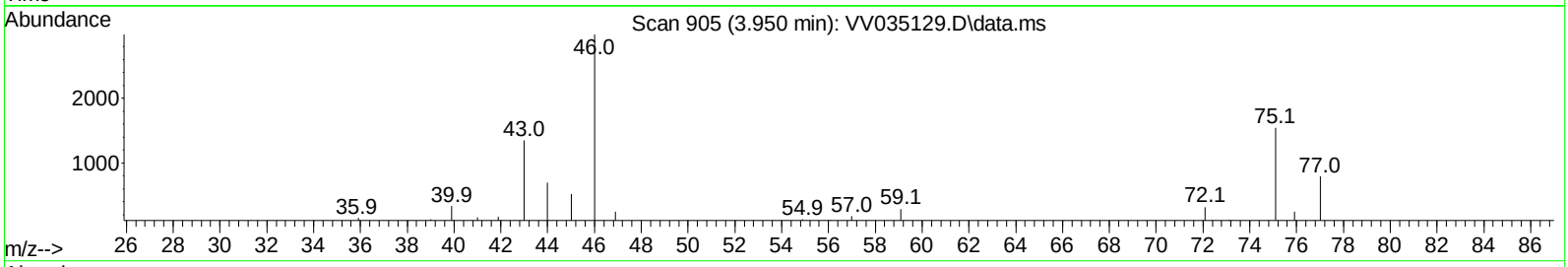
Quant Time: Apr 12 01:21:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 12 01:20:53 2024
Response via : Initial Calibration

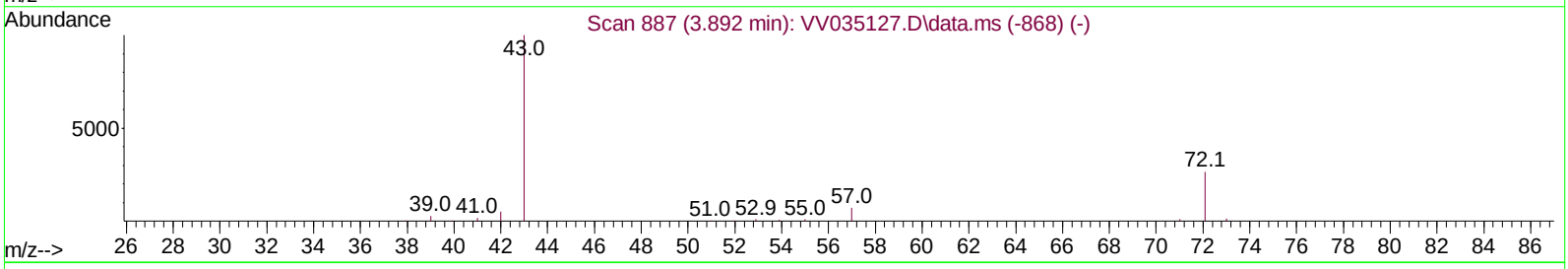
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0BP0

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 04/13/2024
Supervised By :Semsettin Yesilyurt 04/16/2024




TIC: VV035129.D\data.ms

**(21) 2-Butanone (T)**

**3.950min (+ 0.058) 1.67 ug/L**

**response 1971**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 15.00 | 19.94 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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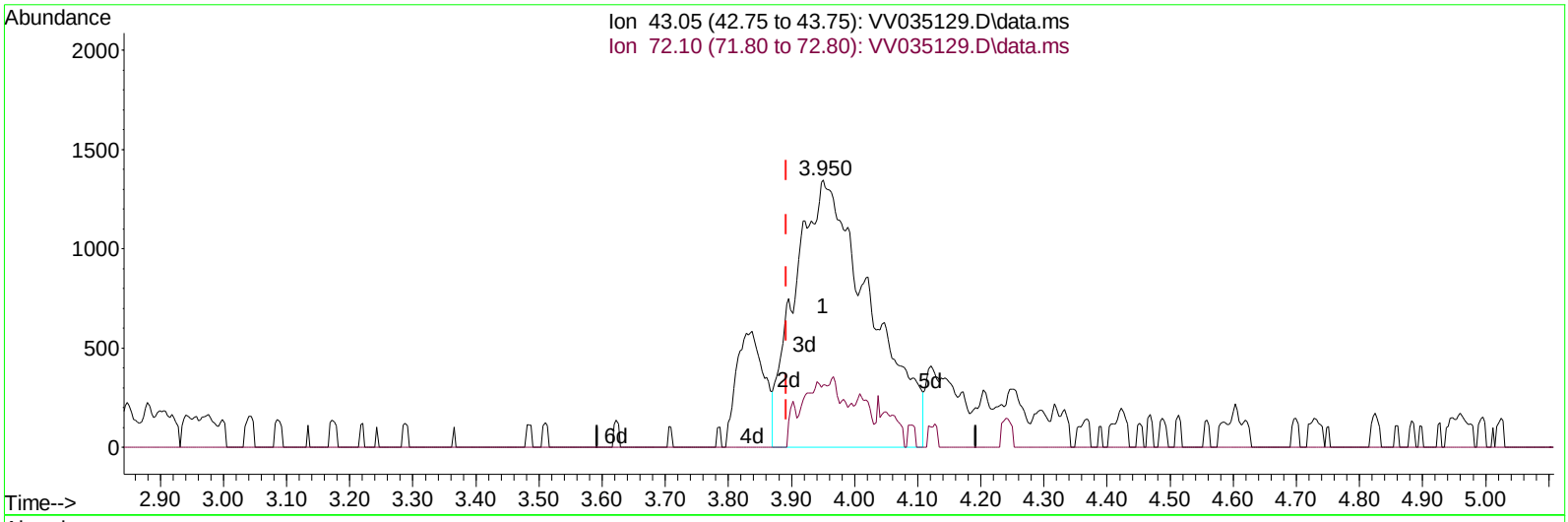


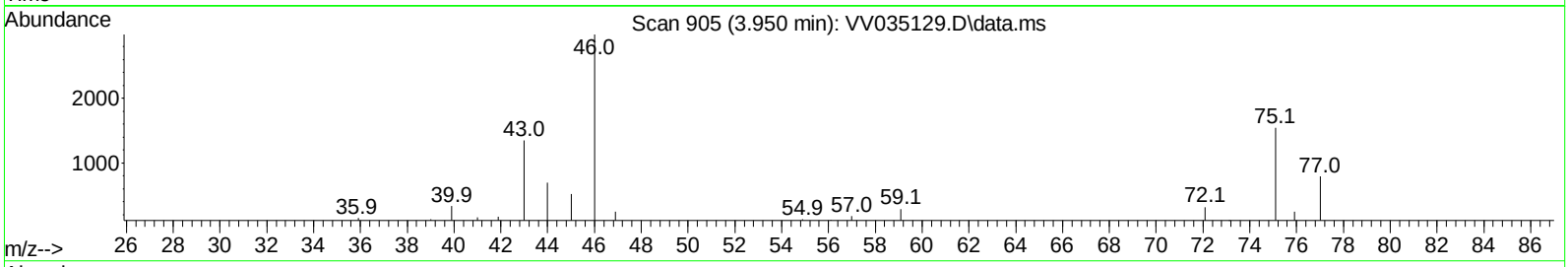


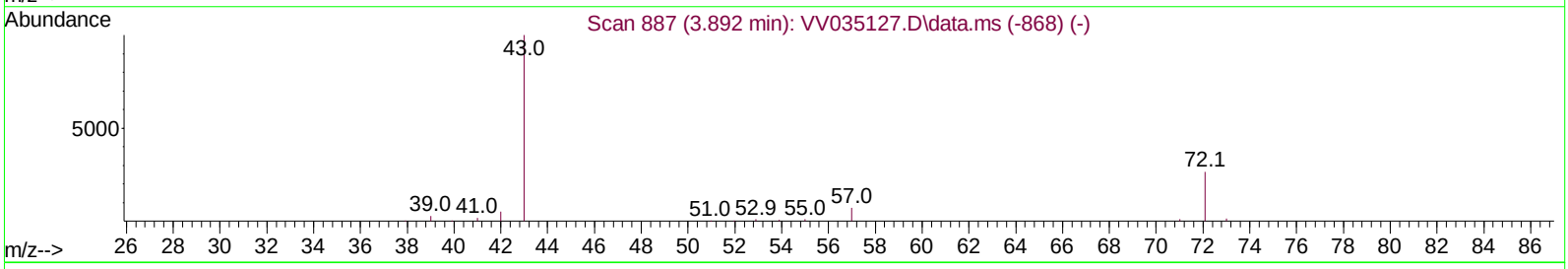


TIC: VV035129.D\data.ms

**(21) 2-Butanone (T)**

**3.950min (+ 0.058) 9.45 ug/L m**

**response 11131**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 15.00 | 3.53# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 12 01:20:53 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0BP0

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 04/13/2024
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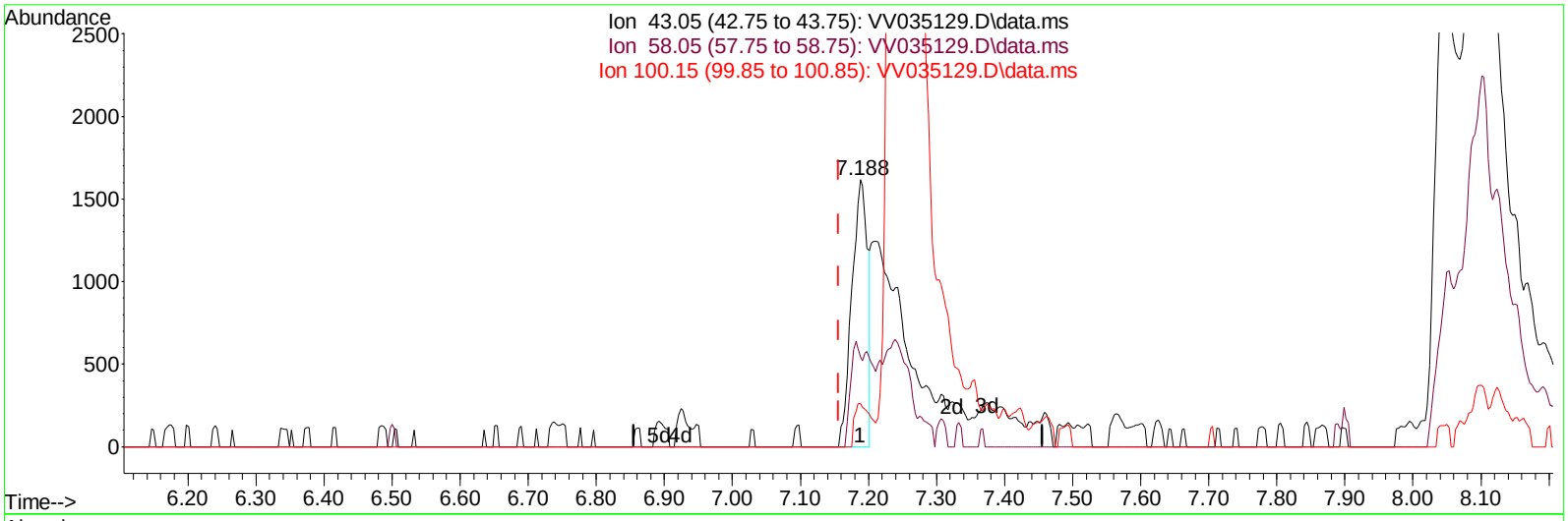


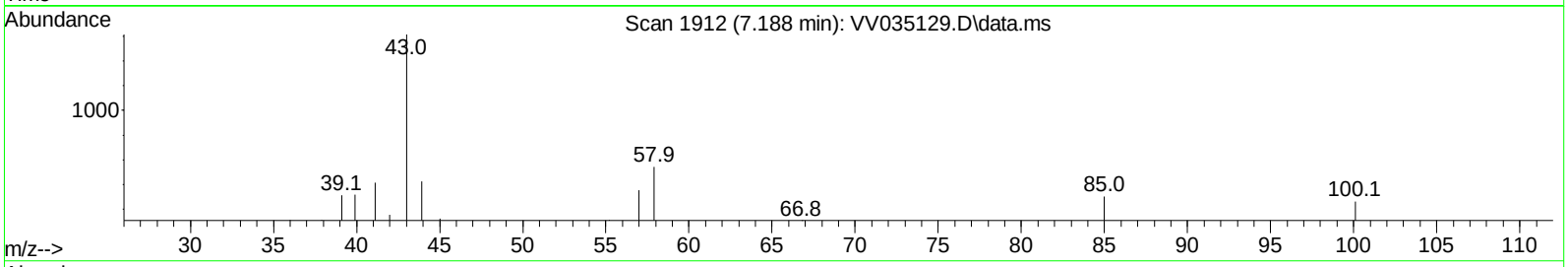


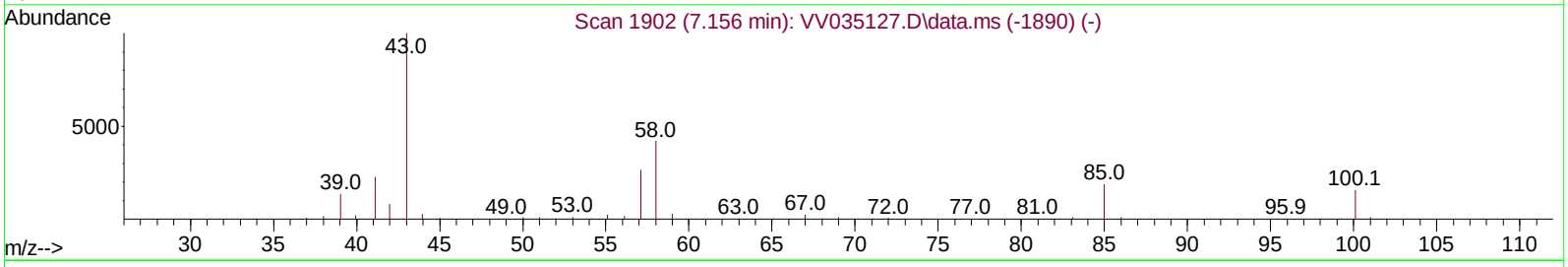


TIC: VV035129.D\data.ms

**(40) 4-Methyl-2-pentanone (T)**

**7.188min (+ 0.032) 0.88 ug/L**

**response 2590**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 42.20 | 28.26# |
| 100.15 | 14.90 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Data File : VV035129.D
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ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 12 01:21:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 12 01:20:53 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0BP0

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 04/13/2024
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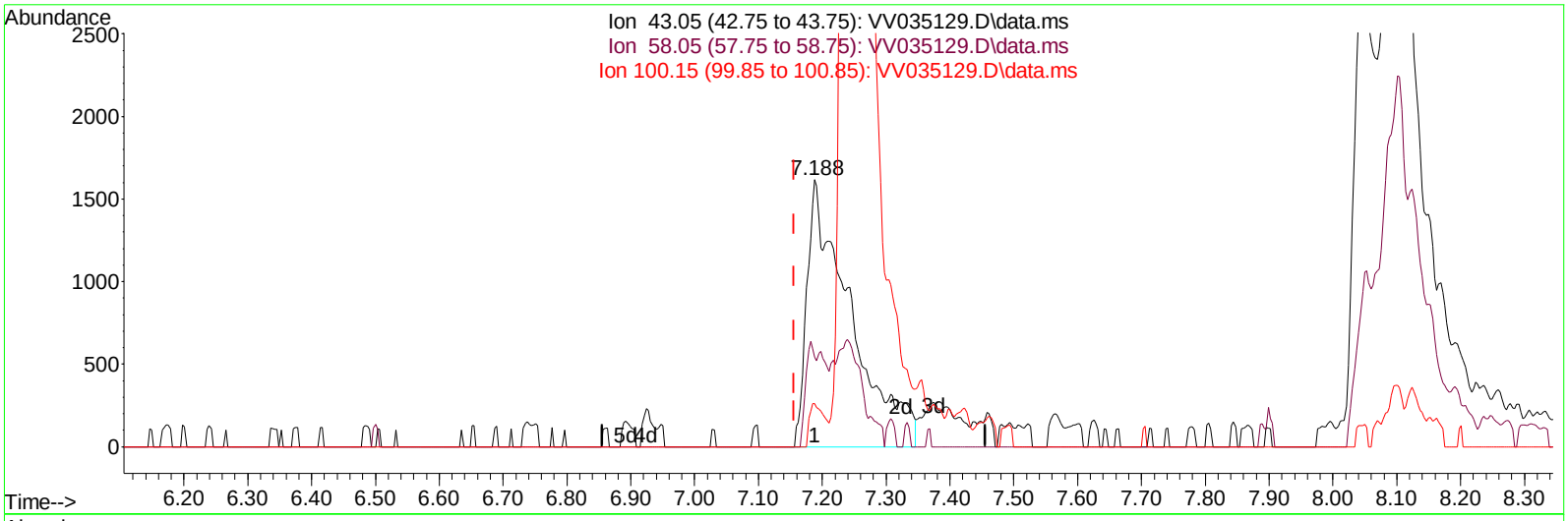


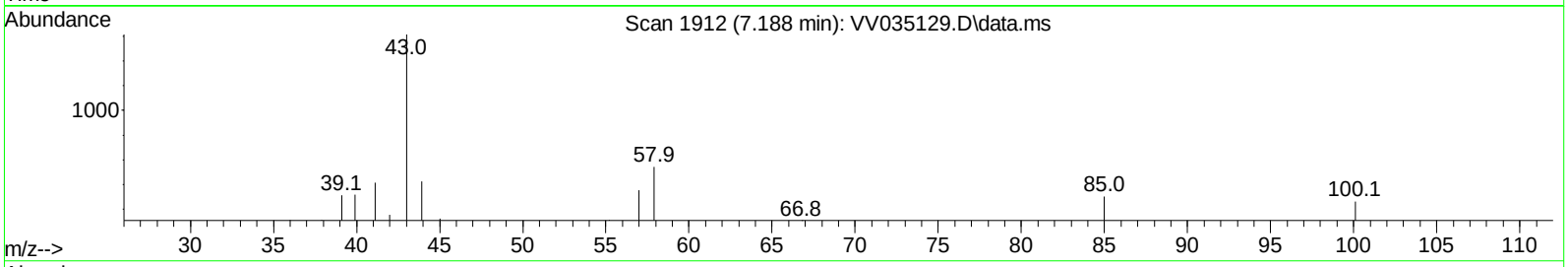


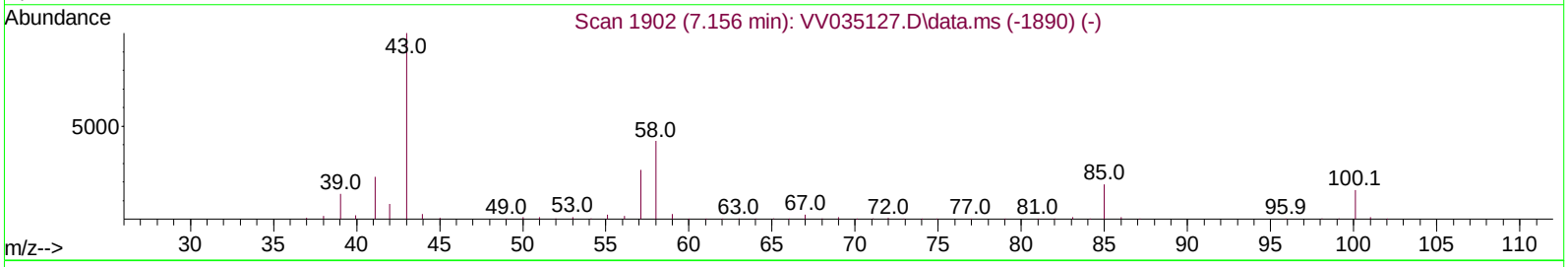


TIC: VV035129.D\data.ms

**(40) 4-Methyl-2-pentanone (T)**

**7.188min (+ 0.032) 2.58 ug/L m**

**response 7601**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 42.20 | 9.63# |
| 100.15 | 14.90 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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**Instrument :**
MSVOA_V
**ClientSampleId :**
C0BP0

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 04/13/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.539 | 114 | 78097 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.786 | 117 | 82112 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.188 | 152 | 38150 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.278 | 65 | 24144 | 3.751 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 75.000% | | | |
| 7) Chloroethane-d5 | 1.532 | 69 | 23265 | 4.384 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 87.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.050 | 65 | 12540 | 4.290 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 85.800% | | | |
| 20) 2-Butanone-d5 | 3.831 | 46 | 88216 | 87.599 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 175.200%# | | | |
| 24) Chloroform-d | 4.249 | 84 | 47499 | 4.561 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.947 | 65 | 28705 | 6.103 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 122.000% | | | |
| 32) Benzene-d6 | 4.960 | 84 | 95417 | 4.442 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 88.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.992 | 67 | 32032 | 5.081 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 101.600% | | | |
| 41) Toluene-d8 | 7.246 | 98 | 76580 | 3.925 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 78.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.568 | 79 | 11228 | 5.014 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 100.200% | | | |
| 46) 2-Hexanone-d5 | 8.047 | 63 | 56894 | 74.021 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 148.040%# | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84 | 31547 | 7.172 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 143.400%# | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.564 | 152 | 29473 | 4.905 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 98.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 13) Acetone | 2.147 | 43 | 13798 | 18.783 | ug/L | 88 |
| 15) Methyl Acetate | 2.384 | 43 | 57526 | 28.371 | ug/L | 99 |
| 16) Methylene chloride | 2.442 | 84 | 17708 | 2.722 | ug/L | 91 |
| 21) 2-Butanone | 3.950 | 43 | 11131m | 9.454 | ug/L | |
| 40) 4-Methyl-2-pentanone | 7.188 | 43 | 7601m | 2.585 | ug/L | |
| 47) Tetrachloroethene | 7.902 | 164 | 279733 | 56.845 | ug/L | 97 |
| 51) Chlorobenzene | 8.822 | 112 | 3587 | 0.210 | ug/L # | 84 |
| 61) 1,2,3-Trichloropropane | 10.220 | 75 | 1484 | 0.417 | ug/L # | 80 |
| 64) 1,3-Dichlorobenzene | 11.133 | 146 | 1732 | 0.142 | ug/L | 96 |
| 65) 1,4-Dichlorobenzene | 11.214 | 146 | 6297 | 0.517 | ug/L | 97 |
| 67) 1,2-Dichlorobenzene | 11.583 | 146 | 3890 | 0.346 | ug/L | 95 |
| 70) 1,2,4-trichlorobenzene | 13.207 | 180 | 3484 | 0.491 | ug/L | 94 |
| 72) 1,2,3-Trichlorobenzene | 13.686 | 180 | 1565 | 0.251 | ug/L | 94 |

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

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