Quantitation Report (Qedit)

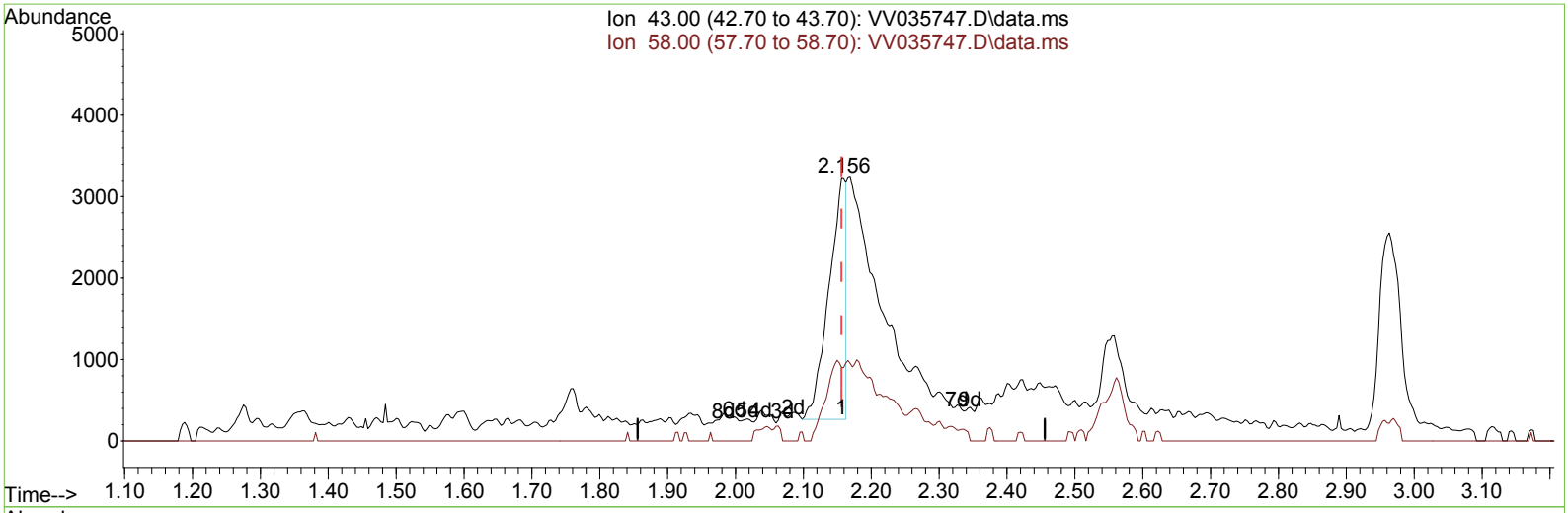
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035747.D
Acq On : 24 May 2024 15:24
Operator : SY/MD
Sample : P2568-21RE
Misc : 4.78g/10.0mL/MSVOA_V/SOIL/VIAL B
ALS Vial : 18 Sample Multiplier: 1

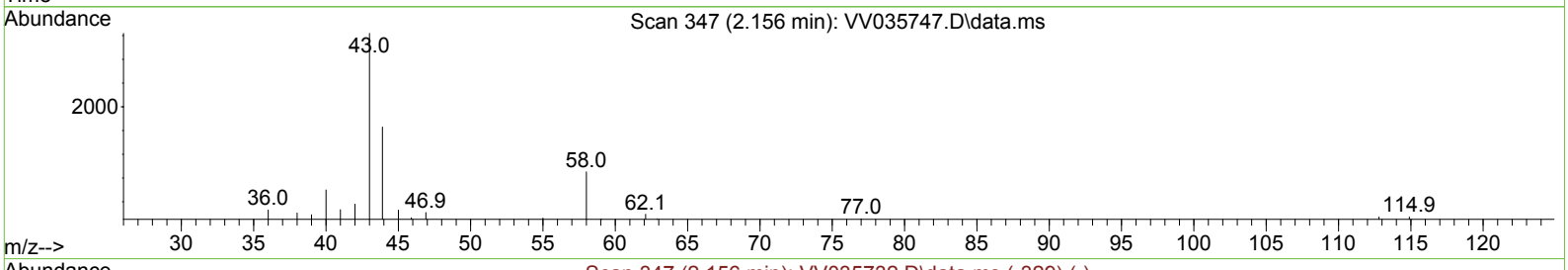
Quant Time: May 24 23:47:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:42:56 2024
Response via : Initial Calibration

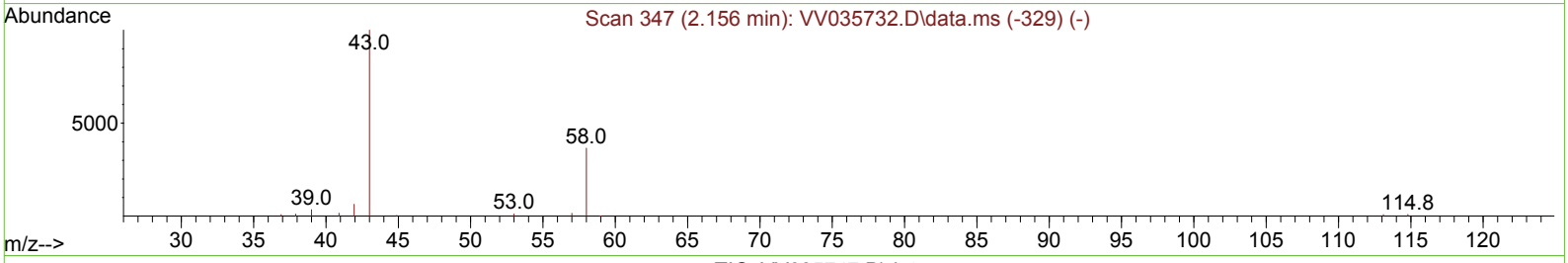
**Instrument :**
MSVOA_V
**ClientSampleId :**
BH642RE

**Manual IntegrationsAPPROVED**

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




TIC: VV035747.D\data.ms

**(13) Acetone (T)**

**2.156min (+ 0.000) 2.29 ug/L**

**response 5223**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 11.40 | 33.83# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : VOC Analysis
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**Instrument :**
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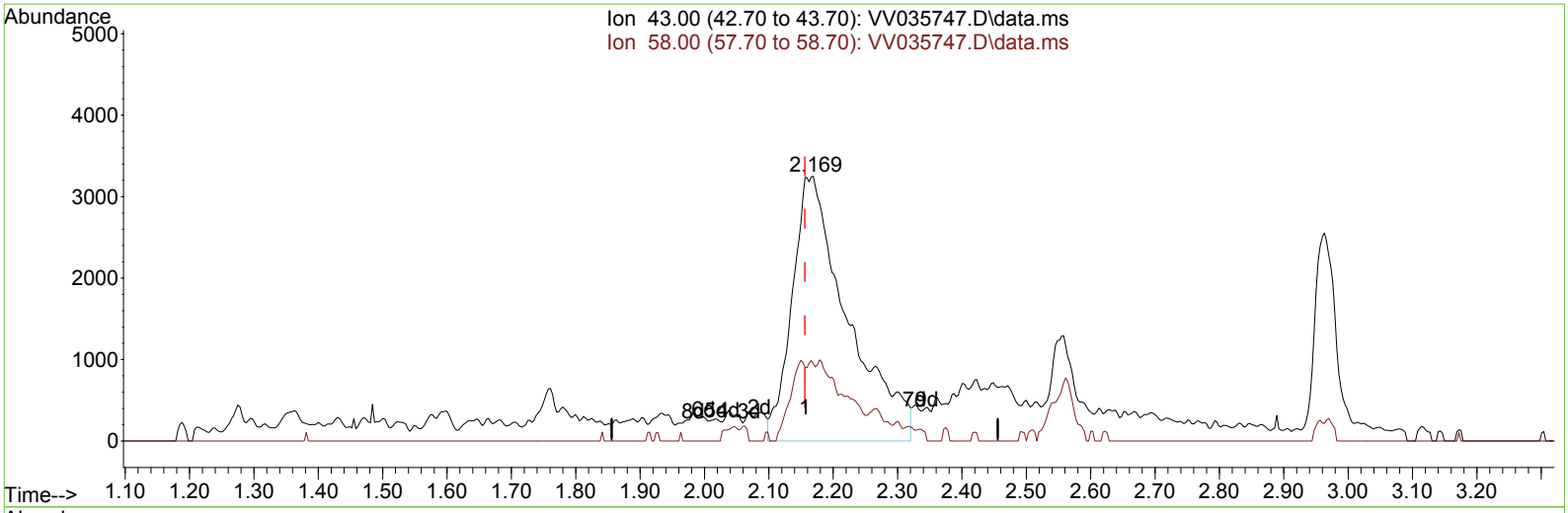


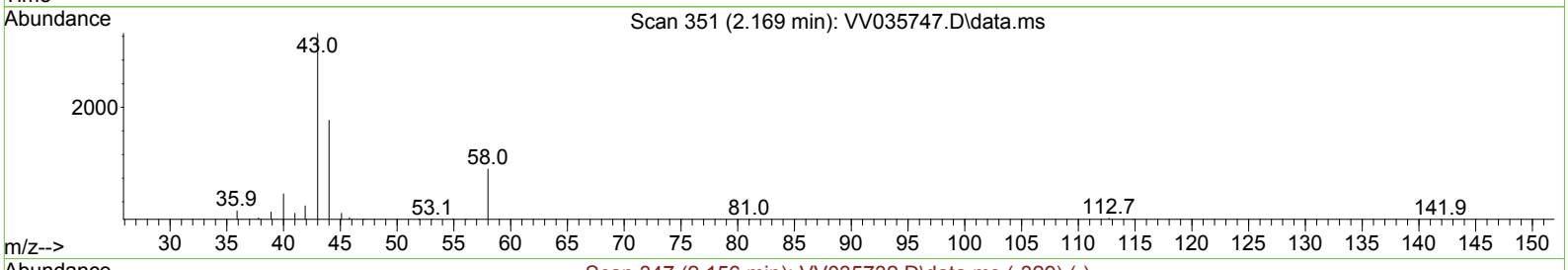


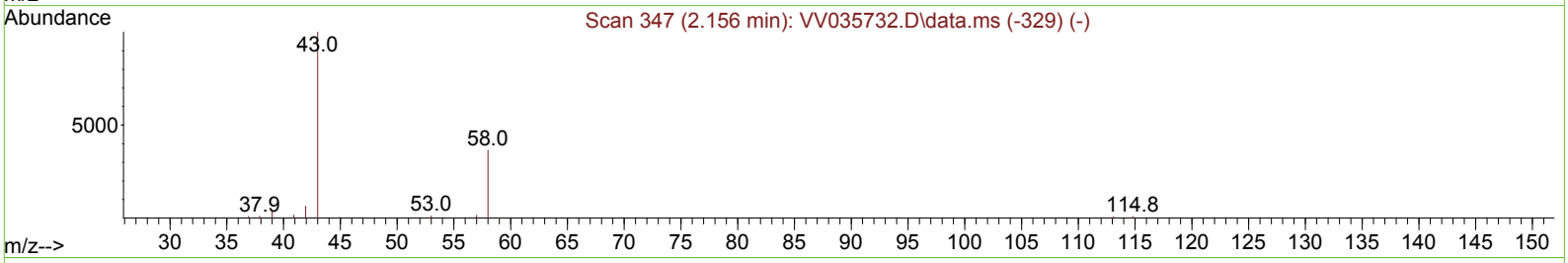


TIC: VV035747.D\data.ms

**(13) Acetone (T)**

**2.169min (+ 0.013) 8.51 ug/L m**

**response 19391**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 11.40 | 9.11 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035747.D
Acq On : 24 May 2024 15:24
Operator : SY/MD
Sample : P2568-21RE
Misc : 4.78g/10.0mL/MSVOA_V/SOIL/VIAL B
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 24 23:47:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:42:56 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
BH642RE

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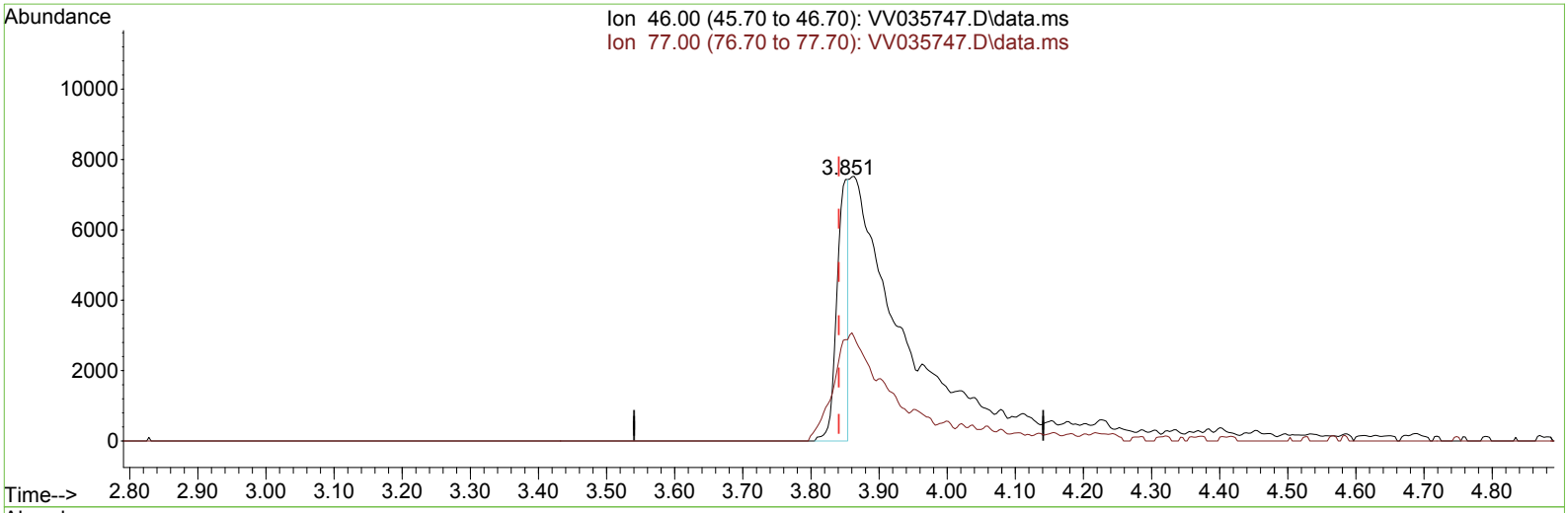


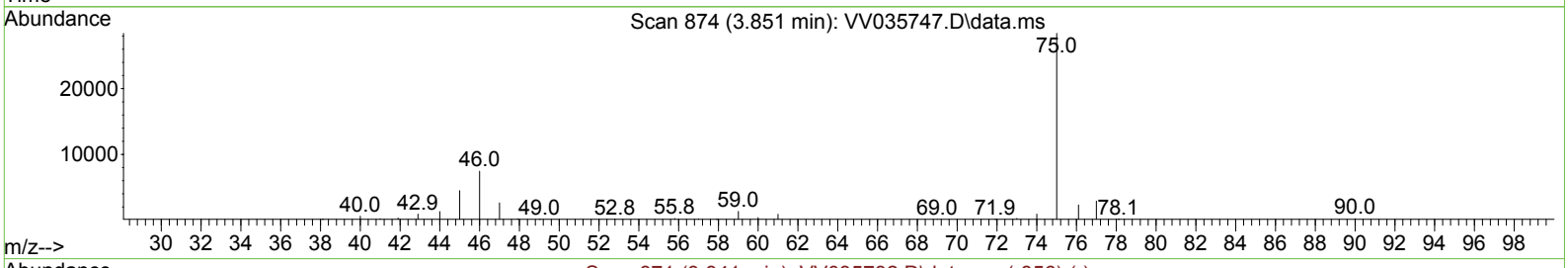


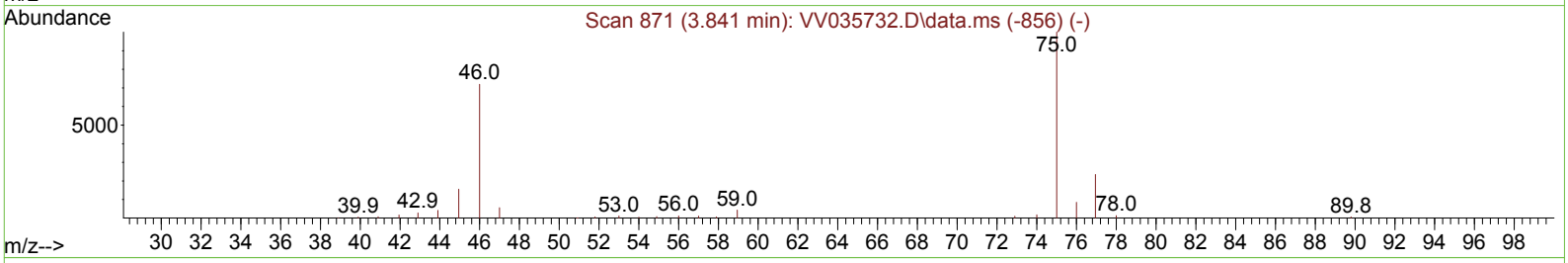


TIC: VV035747.D\data.ms

**(21) 2-Butanone-d5 (S)**

**3.851min (+ 0.010) 5.47 ug/L**

**response 8516**

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 13.10 | 1.35# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035747.D
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Operator : SY/MD
Sample : P2568-21RE
Misc : 4.78g/10.0mL/MSVOA_V/SOIL/VIAL B
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 24 23:47:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:42:56 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
BH642RE

**Manual IntegrationsAPPROVED**

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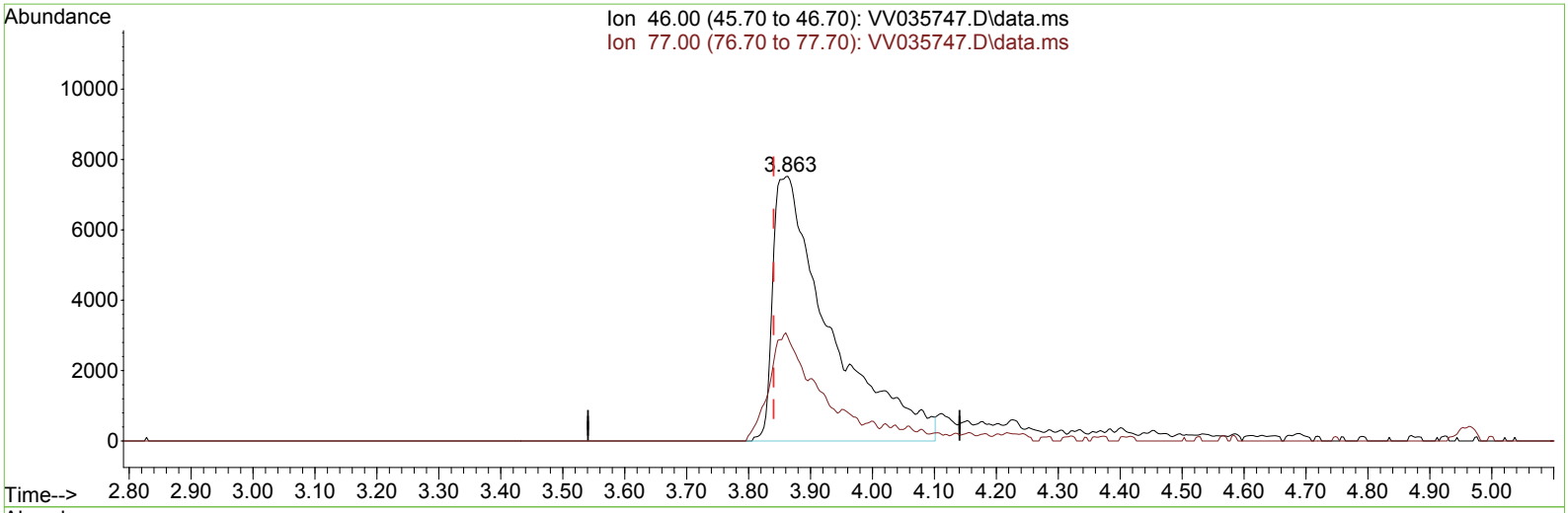


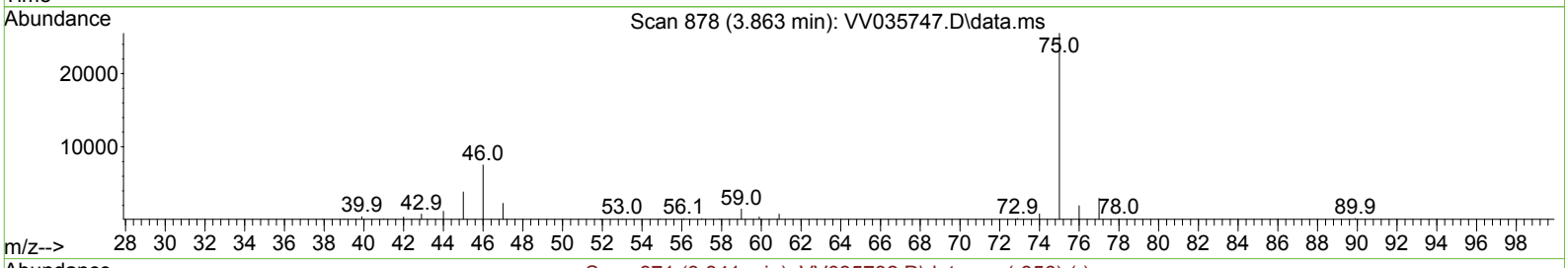


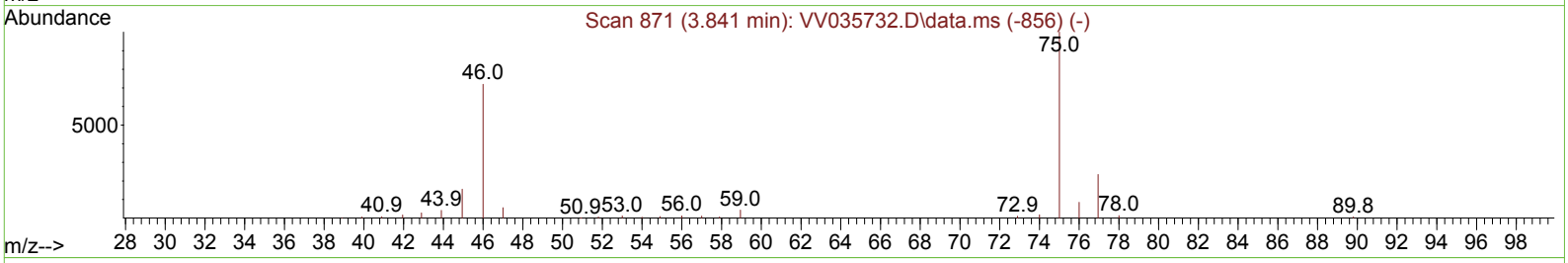


TIC: VV035747.D\data.ms

**(21) 2-Butanone-d5 (S)**

**3.863min (+ 0.023) 30.97 ug/L m**

**response 48221**

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 13.10 | 0.24# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035747.D
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ALS Vial : 18 Sample Multiplier: 1

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**Instrument :**
MSVOA_V
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**Manual IntegrationsAPPROVED**

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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.532 | 114 | 354962 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.783 | 117 | 307837 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.185 | 152 | 86898 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.272 | 65 | 135566 | 24.710 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 98.840% | | | |
| 7) Chloroethane-d5 | 1.526 | 69 | 109033 | 24.634 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 98.520% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.053 | 65 | 54121 | 22.282 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 89.120% | | | |
| 21) 2-Butanone-d5 | 3.863 | 46 | 48221m | 30.971 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 61.940% | | | |
| 24) Chloroform-d | 4.246 | 84 | 223603 | 21.189 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 84.760% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.941 | 65 | 127625 | 24.464 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 97.840% | | | |
| 32) Benzene-d6 | 4.957 | 84 | 404664 | 24.014 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 96.040% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.989 | 67 | 138255 | 26.586 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 106.360% | | | |
| 41) Toluene-d8 | 7.243 | 98 | 294332 | 19.626 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 78.520% | | | |
| 43) trans-1,3-Dichloroprop... | 7.558 | 79 | 41865 | 18.824 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 75.280% | | | |
| 47) 2-Hexanone-d5 | 8.040 | 63 | 21991 | 23.517 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 47.040% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84 | 105073 | 20.968 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 83.880% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.561 | 152 | 64342 | 21.335 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 85.360% | | | |
| Target Compounds | | | | | | Qvalue |
| 13) Acetone | 2.169 | 43 | 19391m | 8.508 | ug/L | |
| 16) Methylene chloride | 2.442 | 84 | 23770 | 2.904 | ug/L | 93 |

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

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