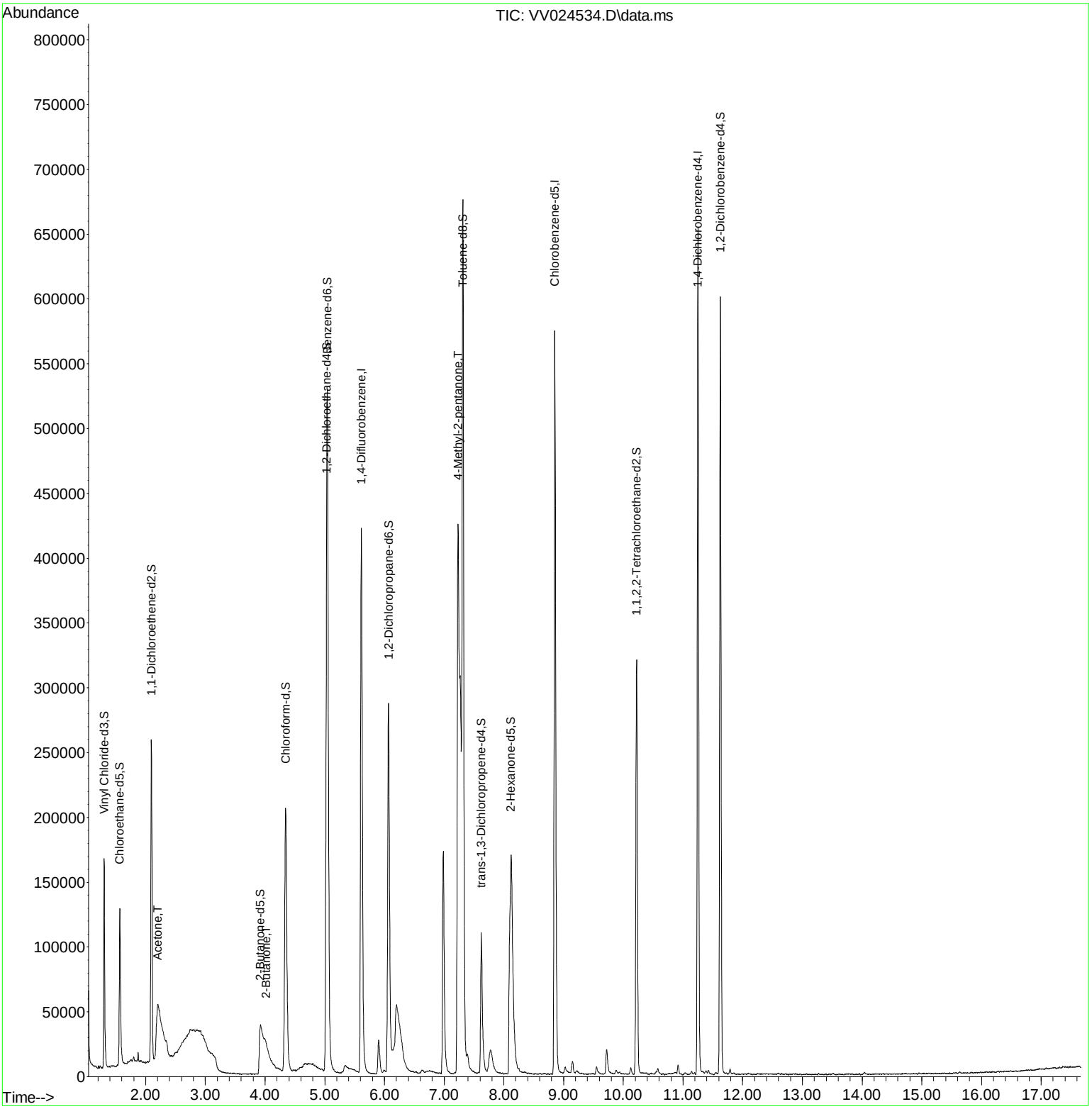
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020222\
Data File : VV024534.D
Acq On : 02 Feb 2022 18:57
Operator : SY/MD
Sample : N1353-02ME
Misc : 4.70g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 03 06:27:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 03 05:56:12 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0VE3ME

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



Quantitation Report (Qedit)

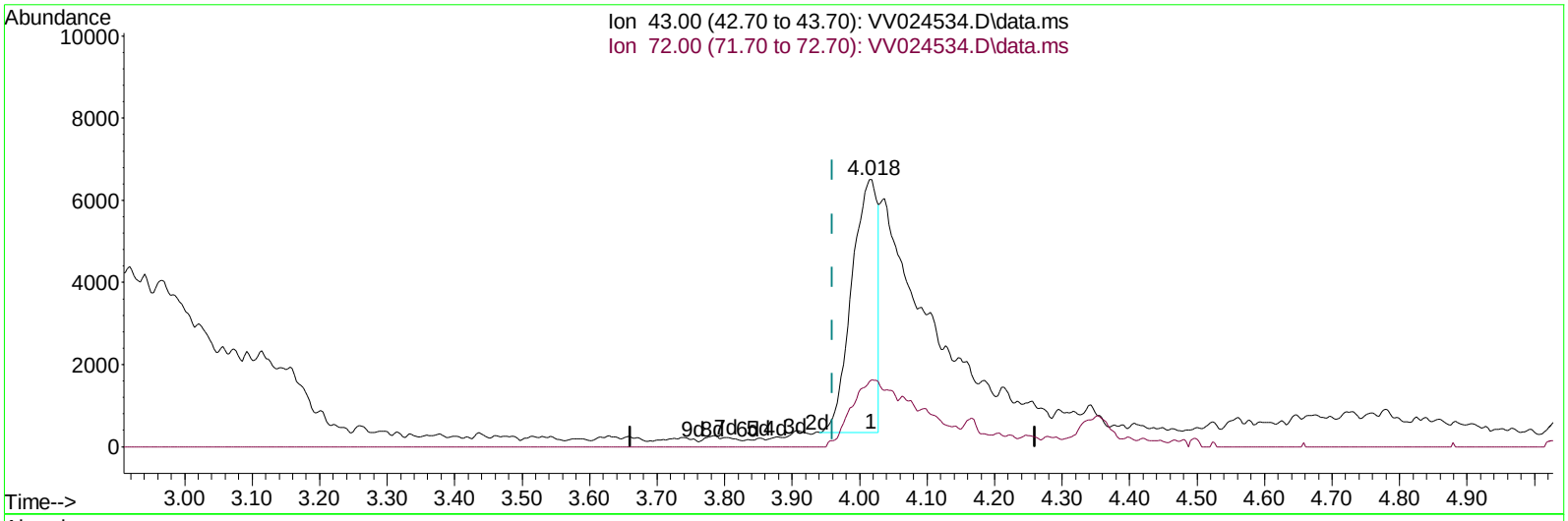
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020222\
Data File : VV024534.D
Acq On : 02 Feb 2022 18:57
Operator : SY/MD
Sample : N1353-02ME
Misc : 4.70g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

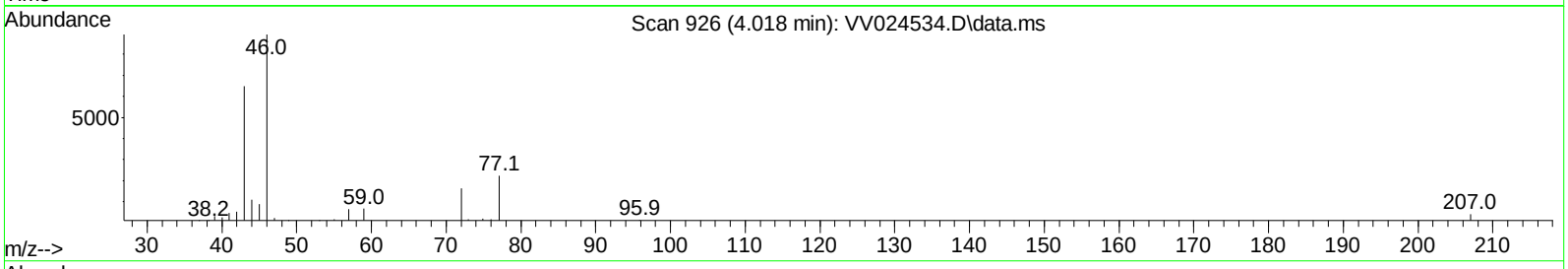
Quant Time: Feb 05 03:34:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 05 00:18:38 2022
Response via : Initial Calibration

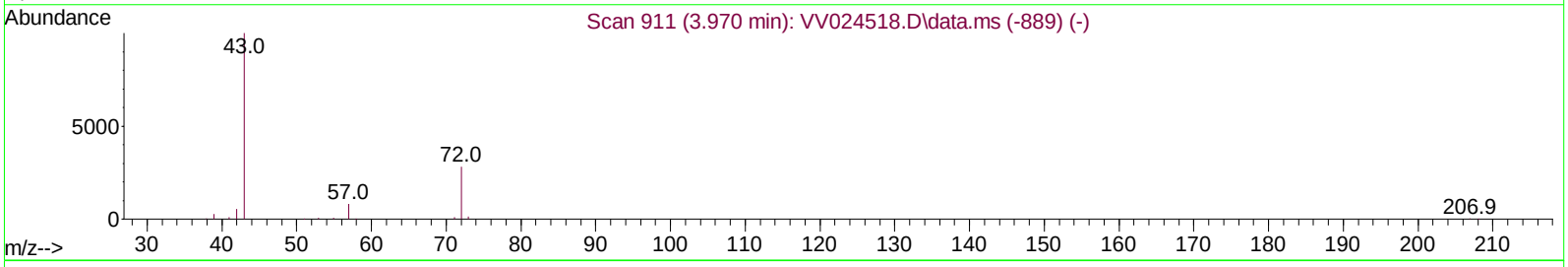
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0VE3ME

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022




TIC: VV024534.D\data.ms

**(22) 2-Butanone (T)**

**4.018min (+ 0.058) 8.00 ug/L**

**response 16276**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 25.80 | 32.26 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

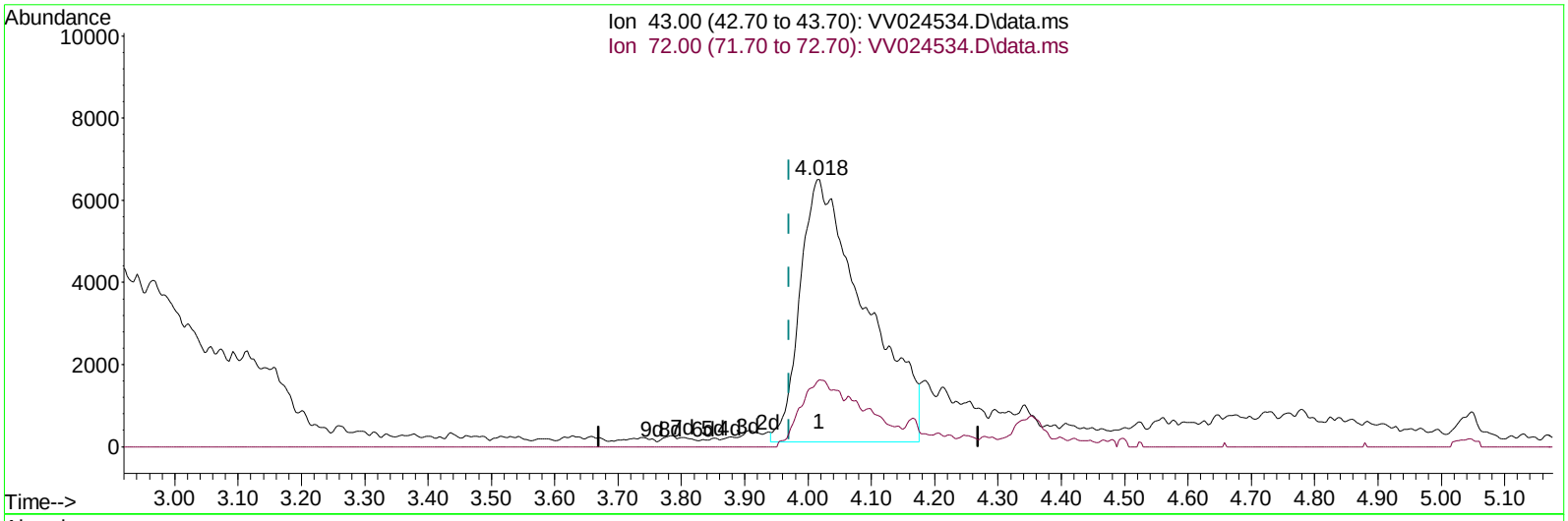
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020222\
Data File : VV024534.D
Acq On : 02 Feb 2022 18:57
Operator : SY/MD
Sample : N1353-02ME
Misc : 4.70g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

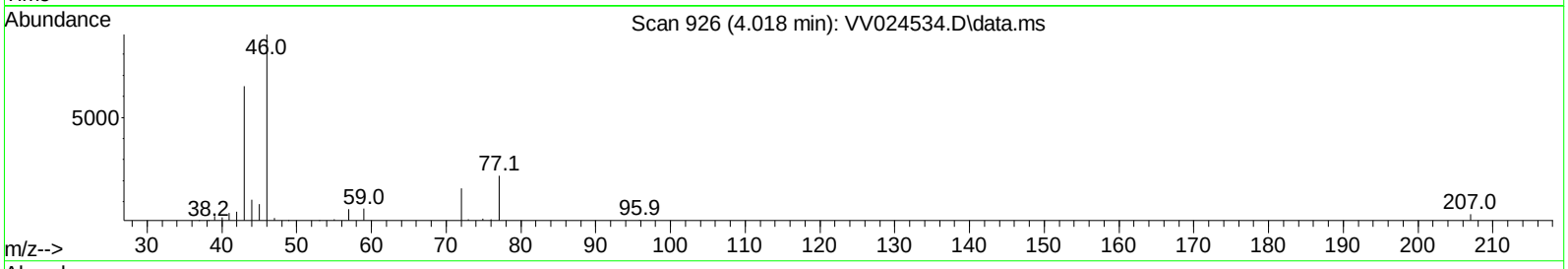
Quant Time: Feb 03 06:27:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 03 05:56:12 2022
Response via : Initial Calibration

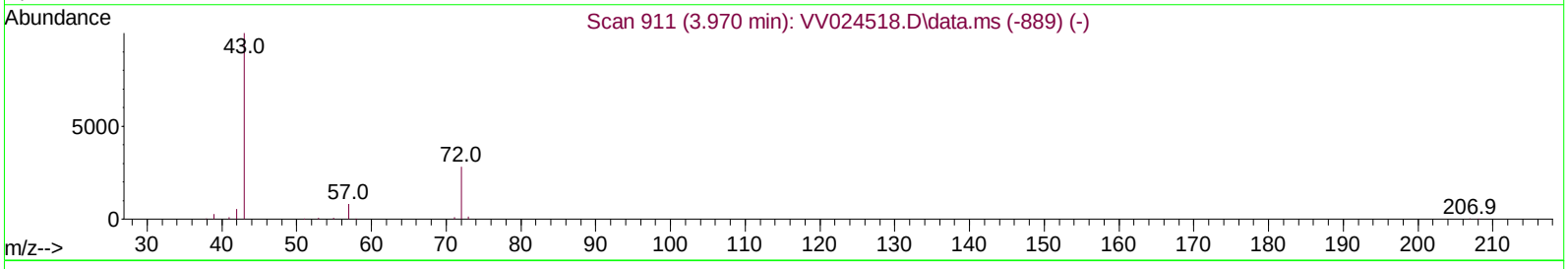
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0VE3ME

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022




TIC: VV024534.D\data.ms

**(22) 2-Butanone (T)**

**4.018min (+ 0.048) 22.53 ug/L m**

**response 45808**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 25.80 | 11.46# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

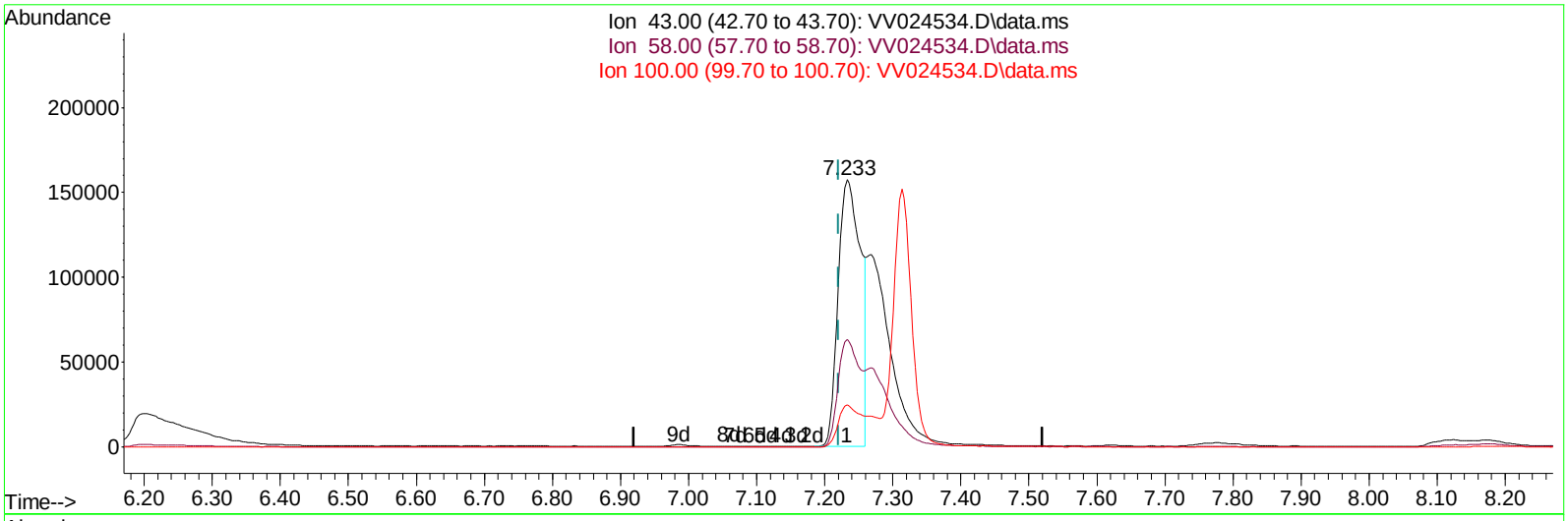
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020222\
Data File : VV024534.D
Acq On : 02 Feb 2022 18:57
Operator : SY/MD
Sample : N1353-02ME
Misc : 4.70g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

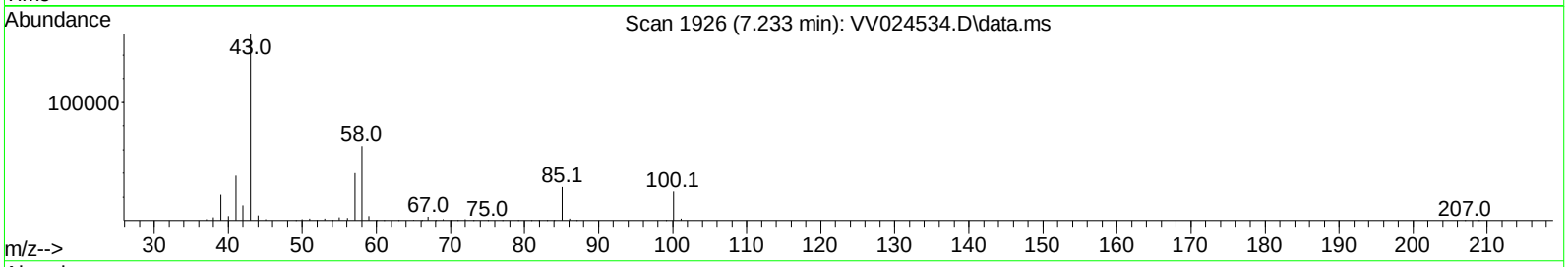
Quant Time: Feb 05 03:34:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 05 00:18:38 2022
Response via : Initial Calibration

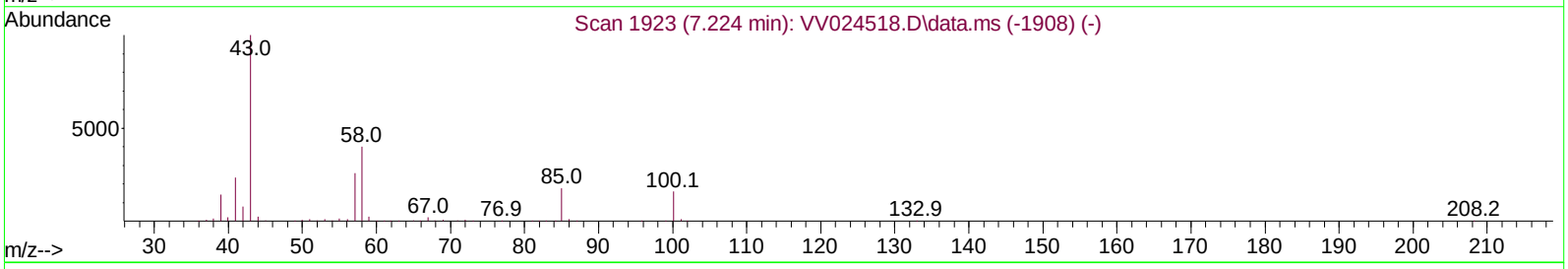
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0VE3ME

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022




TIC: VV024534.D\data.ms

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

**7.233min (+ 0.013) 100.39 ug/L**

**response 360589**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 40.60 | 37.64 |
| 100.00 | 15.90 | 15.61 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

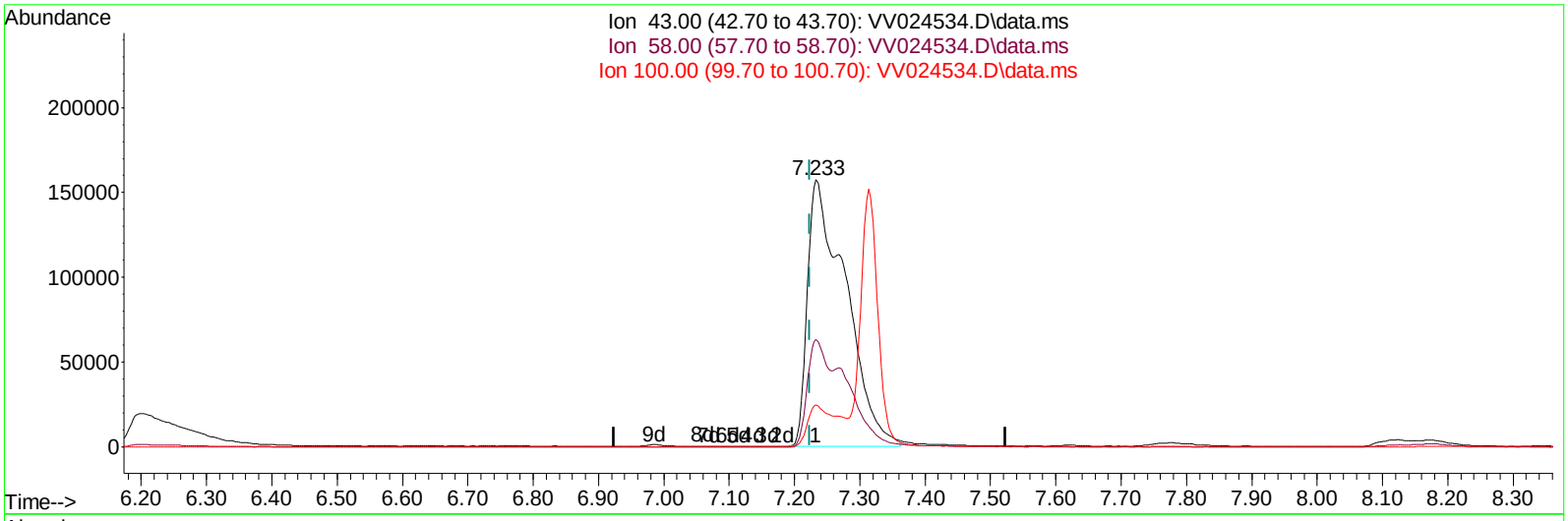
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020222\
Data File : VV024534.D
Acq On : 02 Feb 2022 18:57
Operator : SY/MD
Sample : N1353-02ME
Misc : 4.70g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

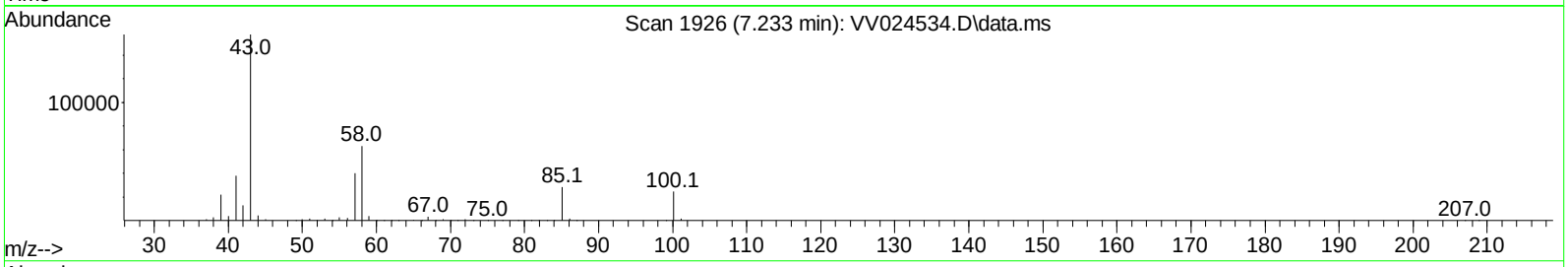
Quant Time: Feb 03 06:27:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 03 05:56:12 2022
Response via : Initial Calibration

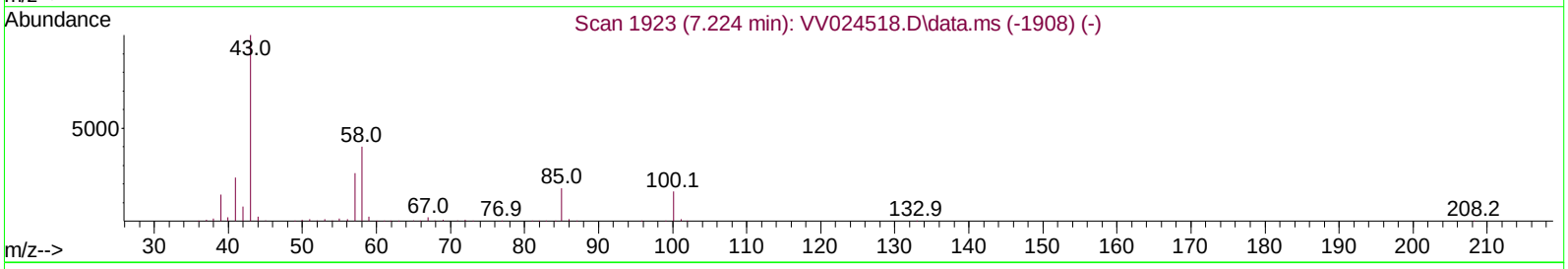
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0VE3ME

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022




TIC: VV024534.D\data.ms

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

**7.233min (+ 0.010) 177.66 ug/L m**

**response 638159**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 40.60 | 21.27# |
| 100.00 | 15.90 | 8.82# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020222\
Data File : VV024534.D
Acq On : 02 Feb 2022 18:57
Operator : SY/MD
Sample : N1353-02ME
Misc : 4.70g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 03 06:27:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 03 05:56:12 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0VE3ME

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.613 | 114 | 365732 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.854 | 117 | 341841 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.252 | 152 | 152280 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 114471 | 44.076 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = | 88.160% | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 97032 | 42.865 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = | 85.720% | | |
| 11) 1,1-Dichloroethene-d2 | 2.095 | 63 | 125618 | 24.278 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 48.560%# | | |
| 21) 2-Butanone-d5 | 3.925 | 46 | 143398 | 83.480 | ug/L | 0.04 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = | 83.480% | | |
| 24) Chloroform-d | 4.346 | 84 | 215815 | 45.247 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 90.500% | | |
| 26) 1,2-Dichloroethane-d4 | 5.031 | 65 | 147585 | 48.477 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 96.960% | | |
| 32) Benzene-d6 | 5.043 | 84 | 439003 | 45.166 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 90.340% | | |
| 36) 1,2-Dichloropropane-d6 | 6.069 | 67 | 143115 | 46.253 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = | 92.500% | | |
| 41) Toluene-d8 | 7.313 | 98 | 401315 | 44.863 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 89.720% | | |
| 43) trans-1,3-Dichloroprop... | 7.622 | 79 | 75203 | 46.187 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 92.380% | | |
| 47) 2-Hexanone-d5 | 8.121 | 63 | 122280 | 93.046 | ug/L | 0.04 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = | 93.050% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223 | 84 | 170757 | 46.032 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = | 92.060% | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.625 | 152 | 136298 | 47.307 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 94.620% | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.204 | 43 | 178609 | 98.910 | ug/L | 93 |
| 22) 2-Butanone | 4.018 | 43 | 45808m | 22.528 | ug/L | |
| 40) 4-Methyl-2-pentanone | 7.233 | 43 | 638159m | 177.662 | ug/L | |

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