Quantitation Report (Qedit)

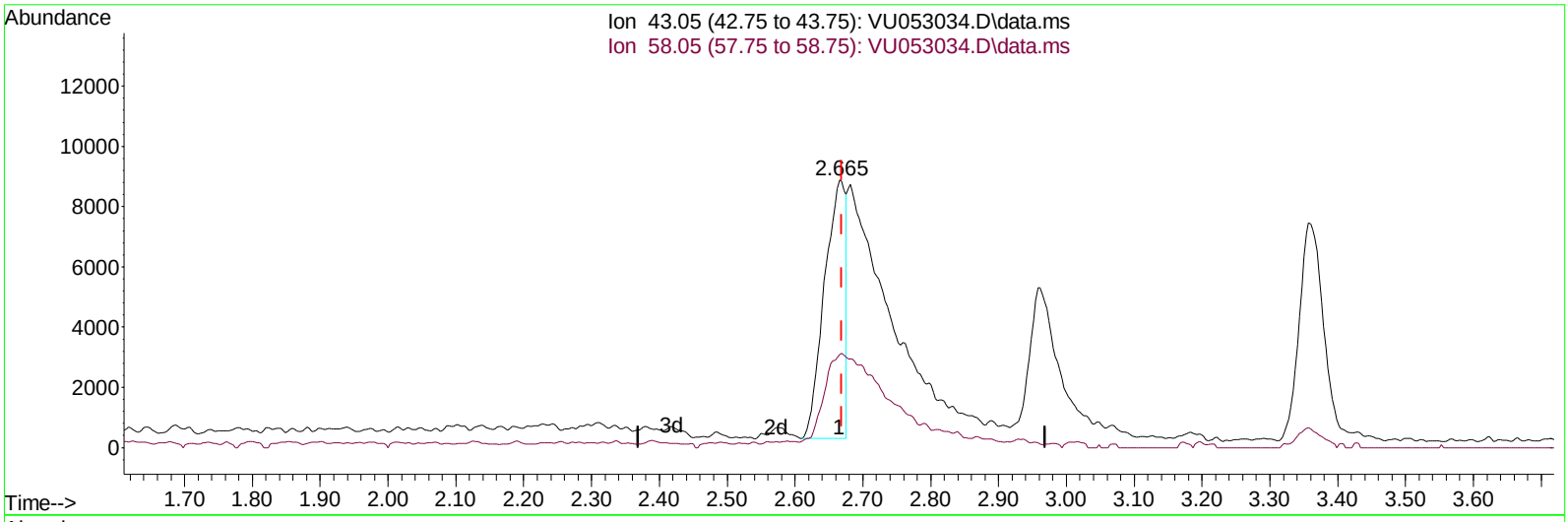
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
Data File : VU053034.D
Acq On : 10 Feb 2023 13:21
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

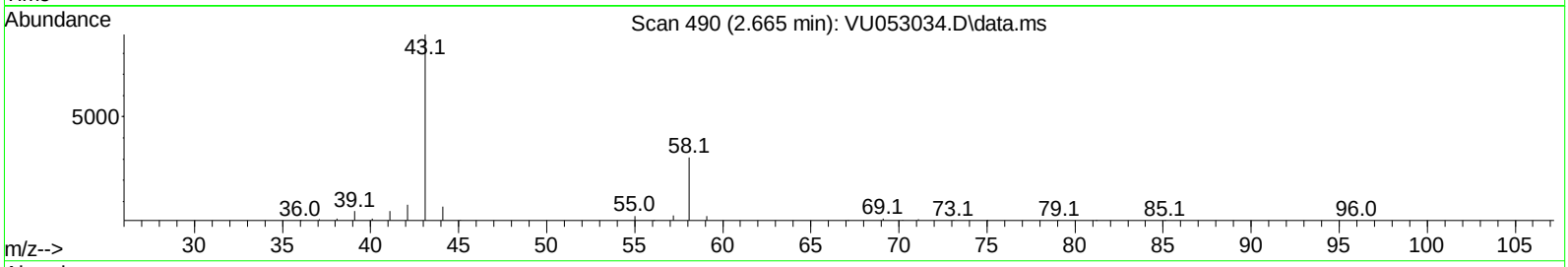
Quant Time: Feb 10 23:26:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 10 23:20:41 2023
Response via : Initial Calibration

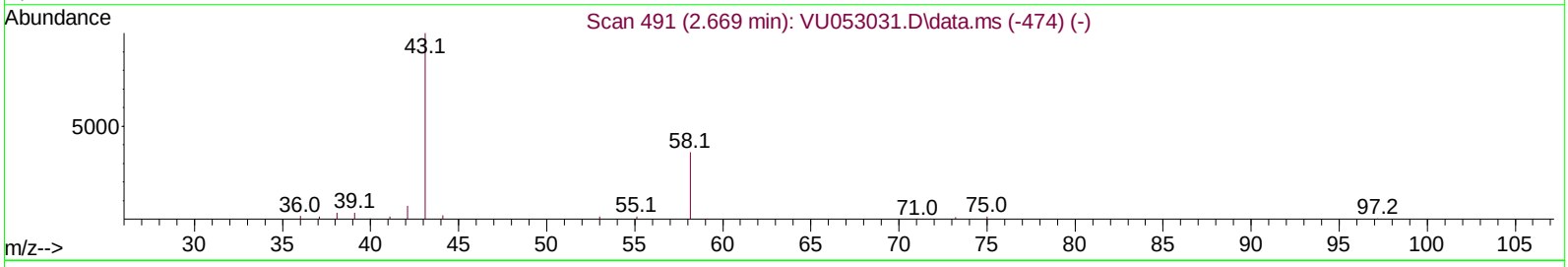
**Instrument :**
MSVOA_U
**ClientSampleId :**
VICV012

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023




TIC: VU053034.D\data.ms

**(13) Acetone (T)**

**2.665min (-0.003) 13.60 ug/L**

**response 18678**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 9.80 | 93.95# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

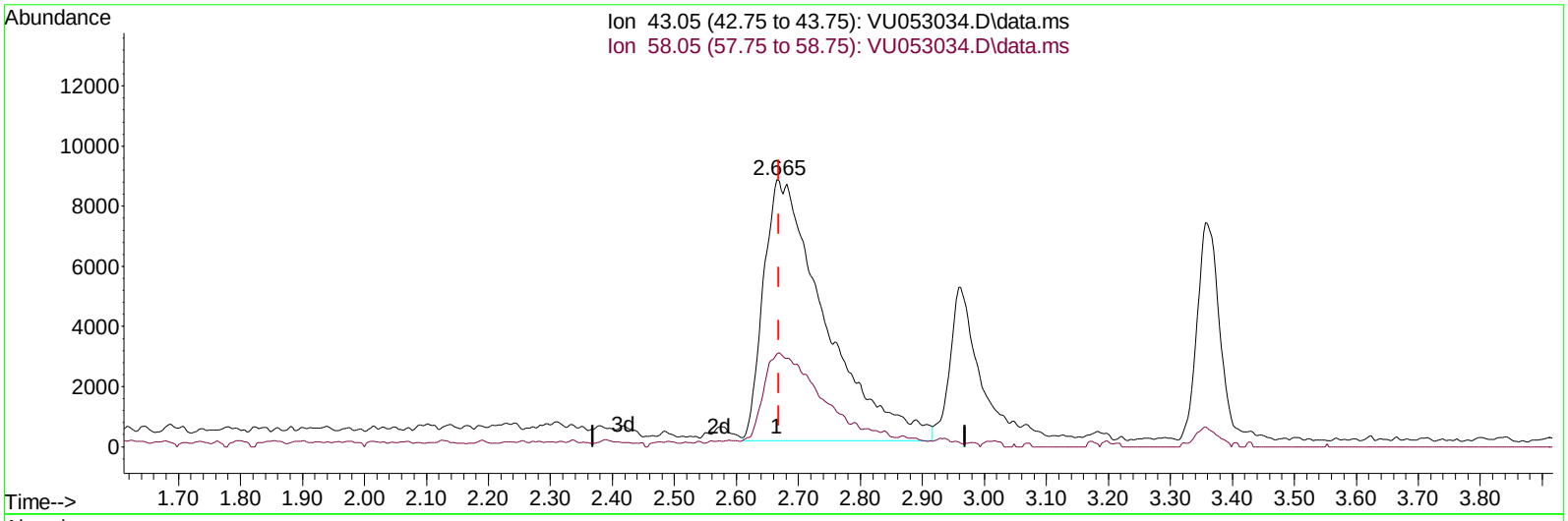
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
Data File : VU053034.D
Acq On : 10 Feb 2023 13:21
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

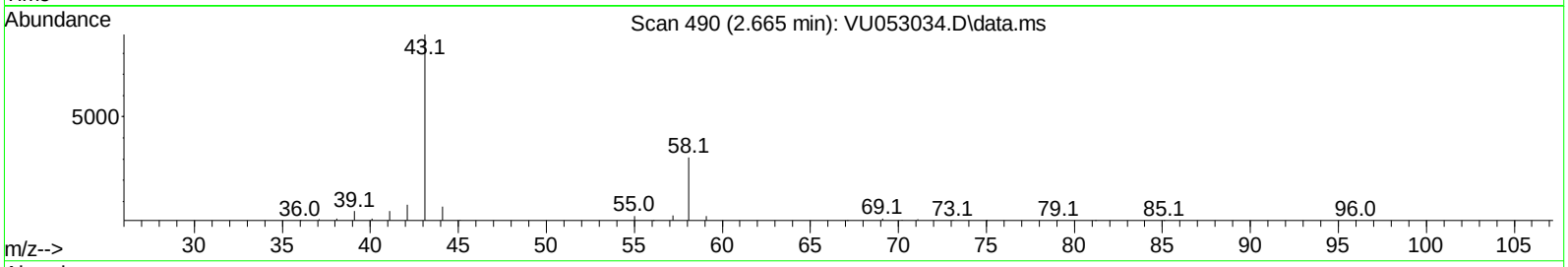
Quant Time: Feb 10 23:26:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 10 23:20:41 2023
Response via : Initial Calibration

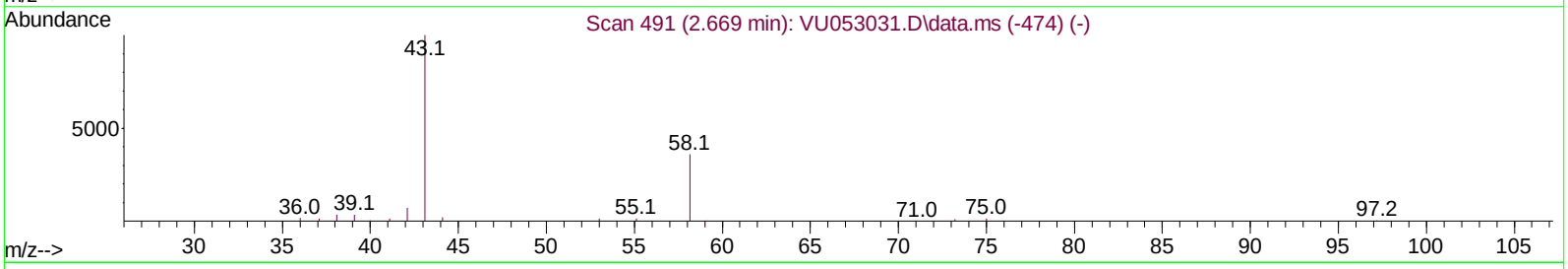
**Instrument :**
MSVOA_U
**ClientSampleId :**
VICV012

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023




TIC: VU053034.D\data.ms

**(13) Acetone (T)**

**2.665min (-0.003) 43.72 ug/L m**

**response 60023**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 9.80 | 29.24# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

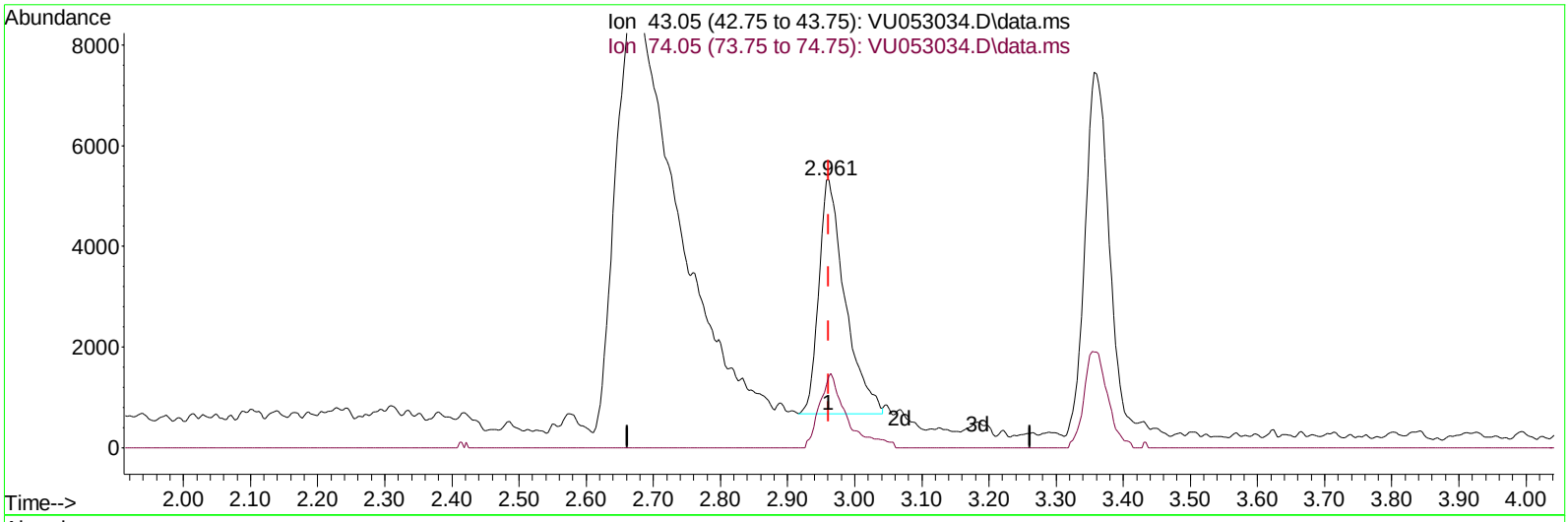
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
Data File : VU053034.D
Acq On : 10 Feb 2023 13:21
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

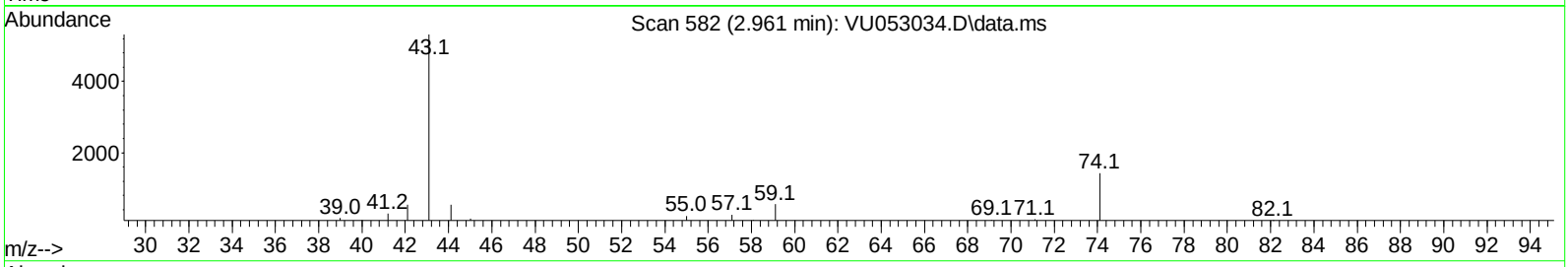
Quant Time: Feb 10 23:26:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 10 23:20:41 2023
Response via : Initial Calibration

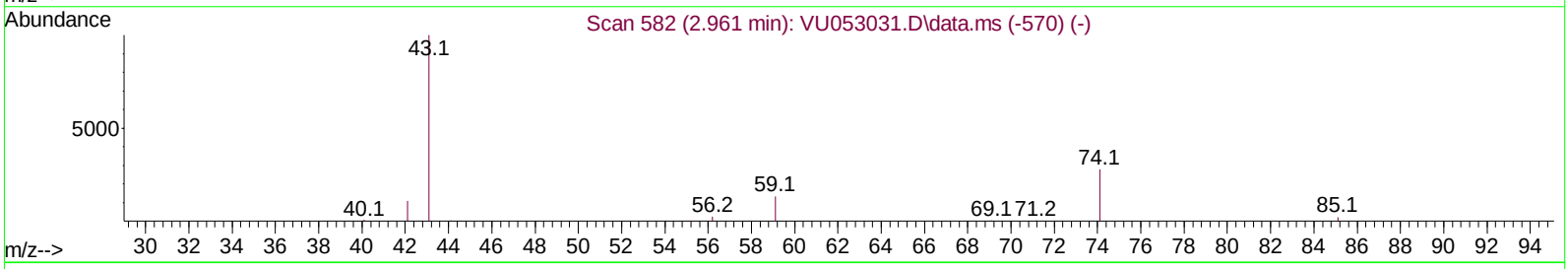
**Instrument :**
MSVOA_U
**ClientSampleId :**
VICV012

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023




TIC: VU053034.D\data.ms

**(15) Methyl Acetate (T)**

**2.961min (-0.000) 3.79 ug/L**

**response 12692**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 74.05 | 17.90 | 32.39# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

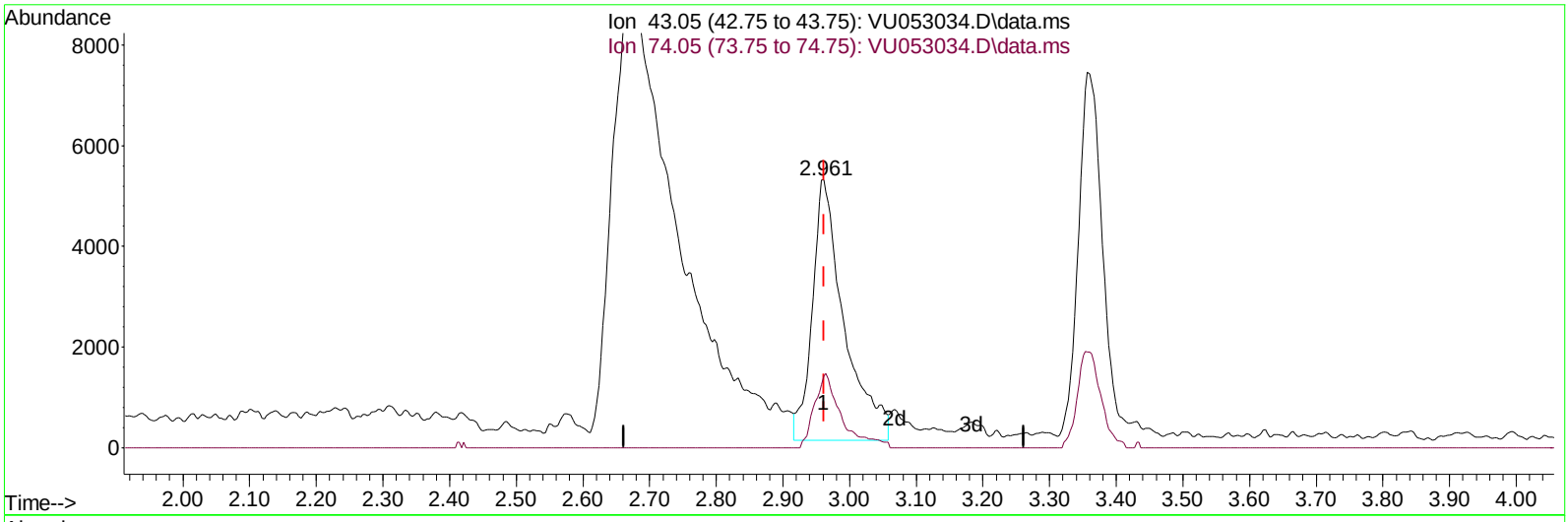
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
Data File : VU053034.D
Acq On : 10 Feb 2023 13:21
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

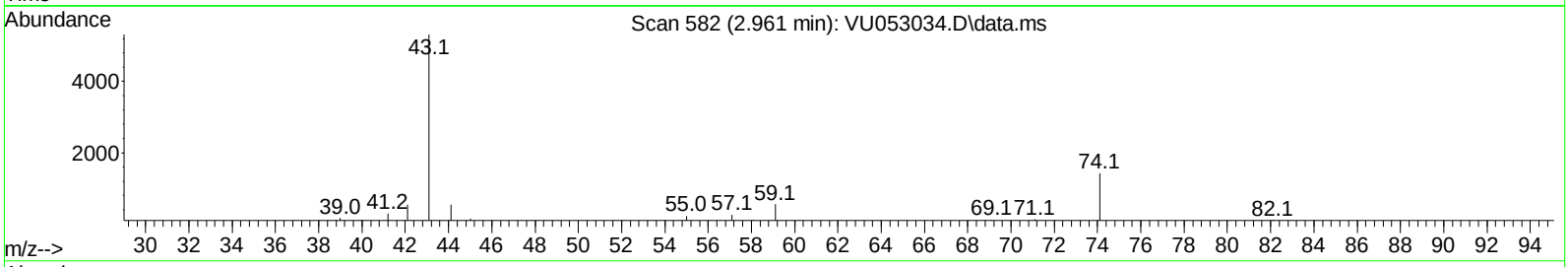
Quant Time: Feb 10 23:26:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 10 23:20:41 2023
Response via : Initial Calibration

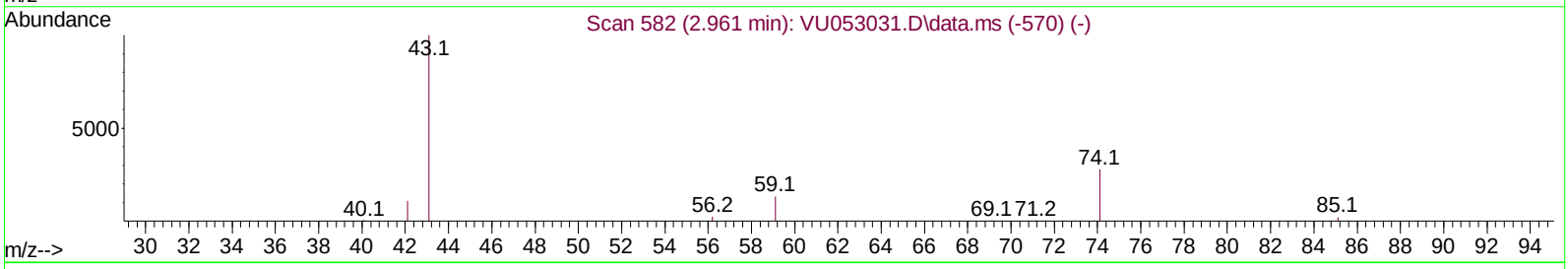
**Instrument :**
MSVOA_U
**ClientSampleId :**
VICV012

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023




TIC: VU053034.D\data.ms

**(15) Methyl Acetate (T)**

**2.961min (-0.000) 5.12 ug/L m**

**response 17148**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 74.05 | 17.90 | 23.97# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
Data File : VU053034.D
Acq On : 10 Feb 2023 13:21
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 10 23:26:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 10 23:20:41 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
VICV012

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.244 | 114 | 130367 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.414 | 117 | 115000 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 56018 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 30841 | 4.938 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 98.800% | | | |
| 7) Chloroethane-d5 | 1.913 | 69 | 29406 | 5.009 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 100.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.563 | 65 | 13754 | 4.801 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 96.000% | | | |
| 20) 2-Butanone-d5 | 4.646 | 46 | 98783 | 51.645 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 103.280% | | | |
| 24) Chloroform-d | 5.058 | 84 | 71570 | 4.980 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.697 | 65 | 36261 | 5.007 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 100.200% | | | |
| 32) Benzene-d6 | 5.723 | 84 | 130723 | 5.059 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.688 | 67 | 44542 | 4.949 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 99.000% | | | |
| 41) Toluene-d8 | 7.894 | 98 | 115078 | 4.929 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 98.600% | | | |
| 43) trans-1,3-Dichloroprop... | 8.176 | 79 | 18928 | 5.194 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 103.800% | | | |
| 46) 2-Hexanone-d5 | 8.630 | 63 | 85813 | 53.046 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 106.100% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.752 | 84 | 39893 | 5.161 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 103.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.189 | 152 | 43736 | 5.226 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 104.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.383 | 85 | 45973 | 4.803 | ug/L | 100 |
| 3) Chloromethane | 1.518 | 50 | 47796 | 4.793 | ug/L | 99 |
| 5) Vinyl chloride | 1.601 | 62 | 53378 | 4.858 | ug/L | 98 |
| 6) Bromomethane | 1.855 | 94 | 32859 | 4.809 | ug/L | 99 |
| 8) Chloroethane | 1.932 | 64 | 31968 | 4.941 | ug/L | 98 |
| 9) Trichlorofluoromethane | 2.138 | 101 | 75028 | 4.957 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.579 | 101 | 40702 | 4.885 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.579 | 96 | 37968 | 4.923 | ug/L | 96 |
| 13) Acetone | 2.665 | 43 | 60023m | 43.716 | ug/L | |
| 14) Carbon disulfide | 2.791 | 76 | 115574 | 4.963 | ug/L | 98 |
| 15) Methyl Acetate | 2.961 | 43 | 17148m | 5.115 | ug/L | |
| 16) Methylene chloride | 3.042 | 84 | 43859 | 4.915 | ug/L | 97 |
| 17) Methyl tert-butyl Ether | 3.360 | 73 | 101973 | 4.869 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 3.350 | 96 | 38314 | 4.695 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.865 | 63 | 76040 | 4.947 | ug/L | 98 |
| 21) 2-Butanone | 4.726 | 43 | 92492 | 45.600 | ug/L | 95 |
| 22) cis-1,2-Dichloroethene | 4.662 | 96 | 44734 | 4.857 | ug/L | 98 |
| 23) Bromochloromethane | 4.971 | 128 | 18668 | 5.118 | ug/L | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
Data File : VU053034.D
Acq On : 10 Feb 2023 13:21
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 10 23:26:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 10 23:20:41 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
VICV012

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 25) Chloroform | 5.083 | 83 | 76995 | 4.792 | ug/L | | 96 |
| 27) 1,2-Dichloroethane | 5.791 | 62 | 49087 | 4.970 | ug/L | | 99 |
| 29) 1,1,1-Trichloroethane | 5.312 | 97 | 67581 | 4.919 | ug/L | | 99 |
| 30) Cyclohexane | 5.382 | 56 | 66757 | 4.860 | ug/L | | 97 |
| 31) Carbon tetrachloride | 5.521 | 117 | 57562 | 5.020 | ug/L | | 99 |
| 33) Benzene | 5.771 | 78 | 165223 | 4.986 | ug/L | | 100 |
| 34) Trichloroethene | 6.537 | 95 | 45038 | 4.830 | ug/L | | 98 |
| 35) Methylcyclohexane | 6.759 | 83 | 75166 | 4.979 | ug/L | | 97 |
| 37) 1,2-Dichloropropane | 6.787 | 63 | 44877 | 4.973 | ug/L | | 100 |
| 38) Bromodichloromethane | 7.103 | 83 | 57003 | 4.872 | ug/L | | 97 |
| 39) cis-1,3-Dichloropropene | 7.604 | 75 | 72538 | 5.040 | ug/L | | 99 |
| 40) 4-Methyl-2-pentanone | 7.787 | 43 | 237280 | 50.373 | ug/L | | 99 |
| 42) Toluene | 7.964 | 91 | 178854 | 4.969 | ug/L | | 99 |
| 44) trans-1,3-Dichloropropene | 8.205 | 75 | 59087 | 4.977 | ug/L | | 98 |
| 45) 1,1,2-Trichloroethane | 8.395 | 97 | 31907 | 4.908 | ug/L | | 95 |
| 47) Tetrachloroethene | 8.549 | 164 | 29824 | 4.921 | ug/L | | 98 |
| 48) 2-Hexanone | 8.681 | 43 | 174898 | 50.590 | ug/L | | 99 |
| 49) Dibromochloromethane | 8.807 | 129 | 36485 | 5.147 | ug/L | | 100 |
| 50) 1,2-Dibromoethane | 8.919 | 107 | 29859 | 4.978 | ug/L | # | 91 |
| 51) Chlorobenzene | 9.443 | 112 | 112331 | 5.002 | ug/L | | 99 |
| 52) Ethylbenzene | 9.566 | 91 | 203722 | 4.987 | ug/L | | 100 |
| 53) m,p-Xylene | 9.691 | 106 | 75757 | 4.960 | ug/L | | 100 |
| 54) o-Xylene | 10.096 | 106 | 74412 | 5.025 | ug/L | | 98 |
| 55) Styrene | 10.109 | 104 | 122196 | 5.087 | ug/L | | 100 |
| 57) 1,1,2,2-Tetrachloroethane | 10.778 | 83 | 41538 | 5.050 | ug/L | | 99 |
| 59) Bromoform | 10.286 | 173 | 20421 | 5.015 | ug/L | | 98 |
| 60) Isopropylbenzene | 10.479 | 105 | 202114 | 4.987 | ug/L | | 99 |
| 61) 1,2,3-Trichloropropane | 10.816 | 75 | 27759 | 5.161 | ug/L | | 98 |
| 62) 1,3,5-Trimethylbenzene | 11.083 | 105 | 170628 | 4.985 | ug/L | | 99 |
| 63) 1,2,4-Trimethylbenzene | 11.463 | 105 | 172431 | 5.034 | ug/L | | 100 |
| 64) 1,3-Dichlorobenzene | 11.739 | 146 | 82742 | 5.041 | ug/L | | 99 |
| 65) 1,4-Dichlorobenzene | 11.832 | 146 | 80648 | 4.904 | ug/L | | 99 |
| 67) 1,2-Dichlorobenzene | 12.208 | 146 | 76532 | 5.001 | ug/L | | 99 |
| 68) 1,2-Dibromo-3-chloropr... | 12.990 | 75 | 6564 | 5.192 | ug/L | | 92 |
| 69) 1,3,5-Trichlorobenzene | 13.215 | 180 | 59604 | 5.098 | ug/L | | 99 |
| 70) 1,2,4-trichlorobenzene | 13.835 | 180 | 50167 | 5.169 | ug/L | | 99 |
| 71) Naphthalene | 14.083 | 128 | 101676 | 5.224 | ug/L | | 99 |
| 72) 1,2,3-Trichlorobenzene | 14.324 | 180 | 45107 | 5.266 | ug/L | | 98 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
Data File : VU053034.D
Acq On : 10 Feb 2023 13:21
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 10 23:26:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 10 23:20:41 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
VICV012

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023