Quantitation Report (Qedit)

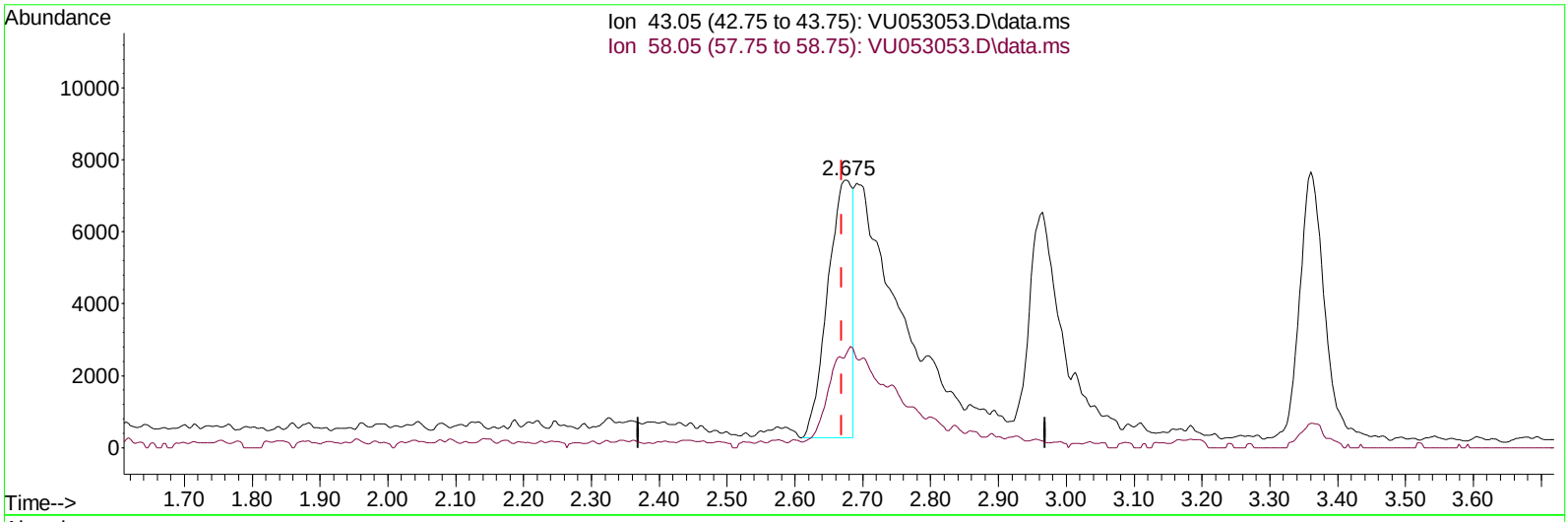
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021123\
Data File : VU053053.D
Acq On : 11 Feb 2023 16:54
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

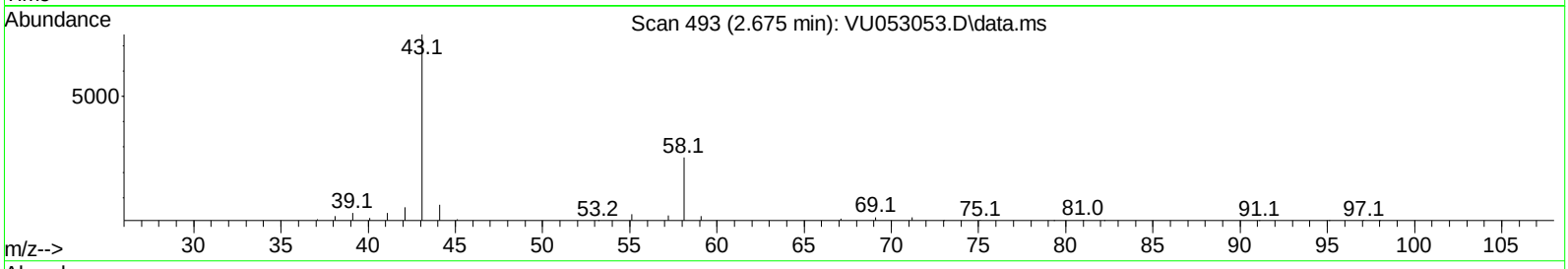
Quant Time: Feb 12 22:43:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 10 23:20:41 2023
Response via : Initial Calibration

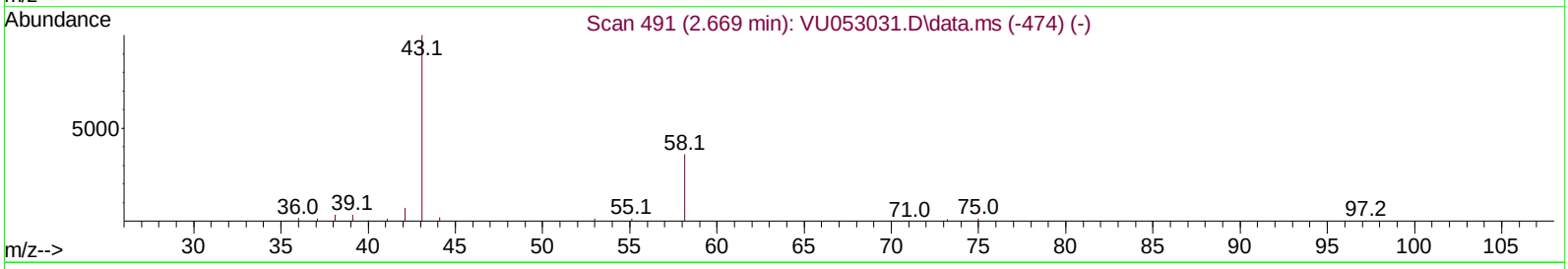
**Instrument :**
MSVOA_U
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

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




TIC: VU053053.D\data.ms

**(13) Acetone (T)**

**2.675min (+ 0.006) 12.42 ug/L**

**response 17914**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 9.80 | 42.11# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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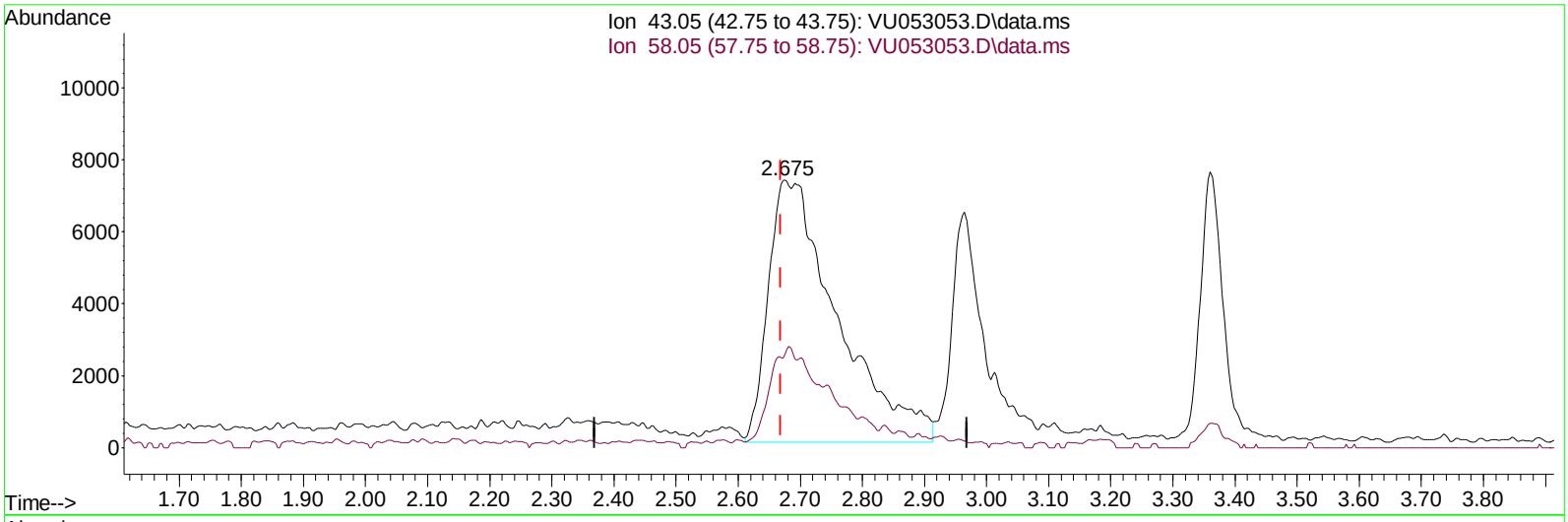


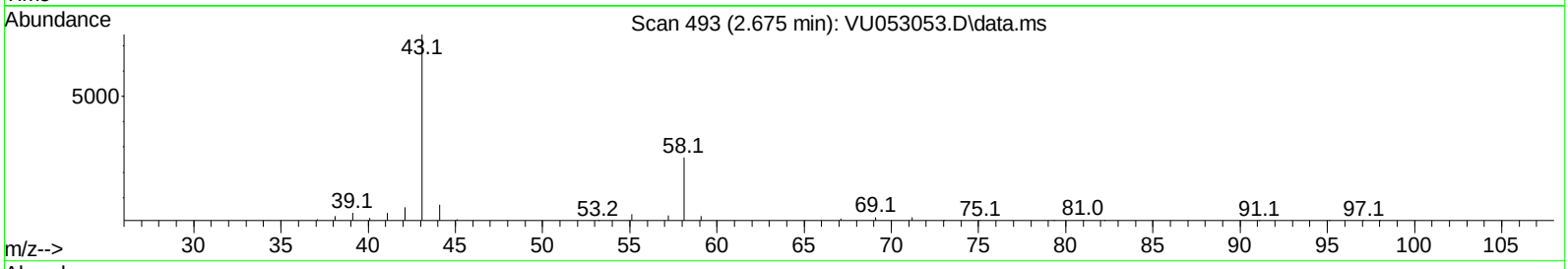


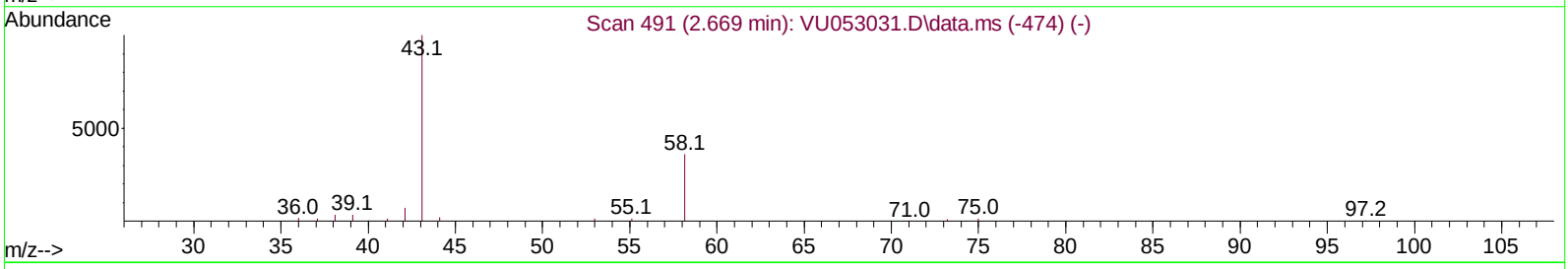


TIC: VU053053.D\data.ms

**(13) Acetone (T)**

**2.675min (+ 0.006) 39.12 ug/L m**

**response 56410**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 9.80 | 13.37 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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QLast Update : Fri Feb 10 23:20:41 2023
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**Instrument :**
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**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

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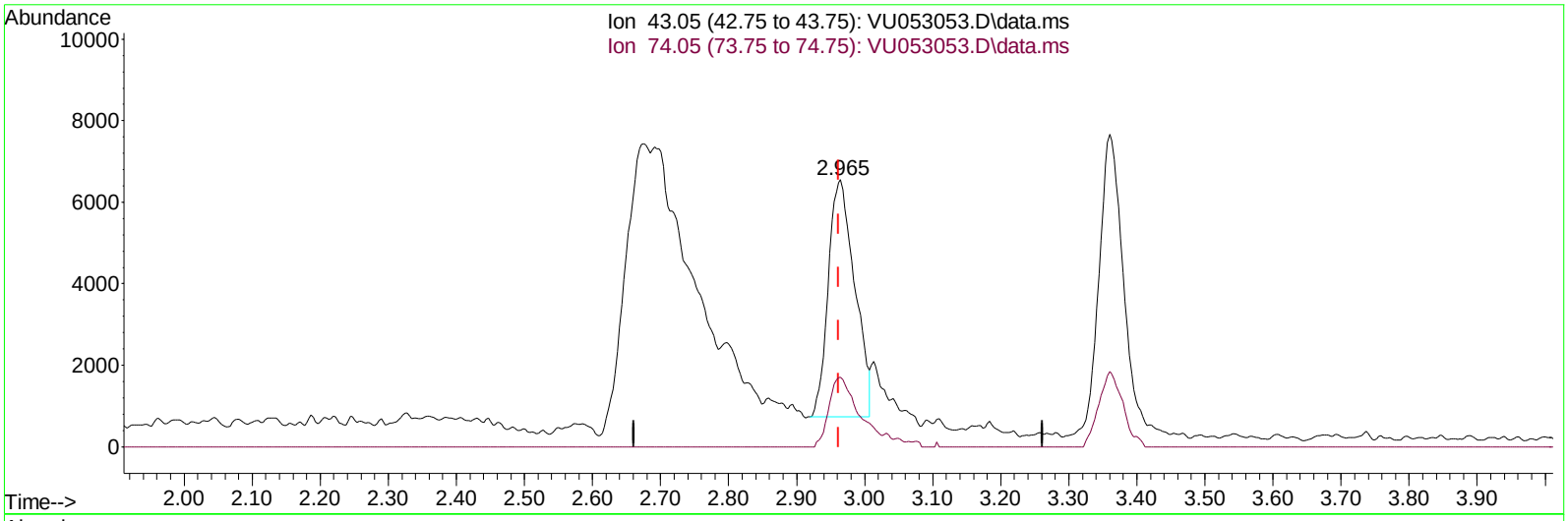


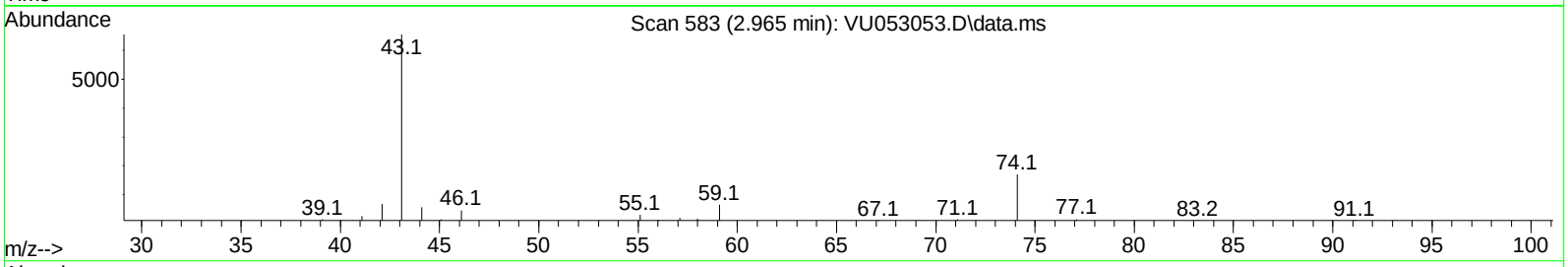


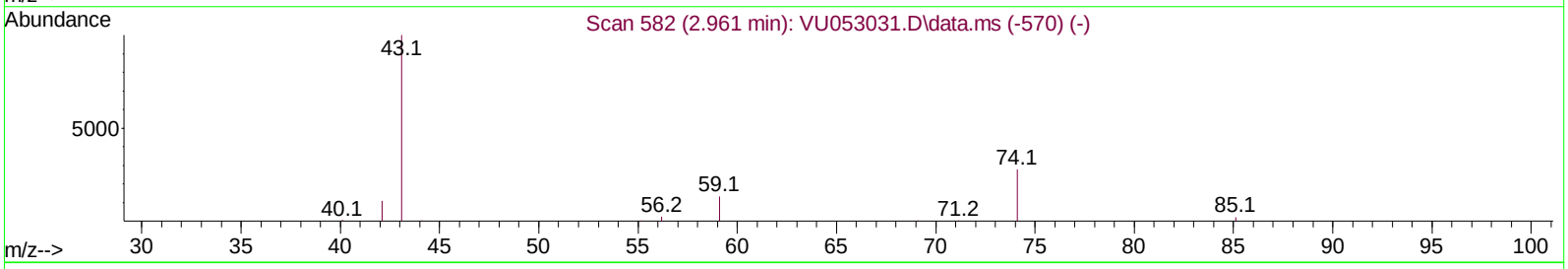


TIC: VU053053.D\data.ms

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

**2.965min (+ 0.003) 4.47 ug/L**

**response 15734**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 74.05 | 17.90 | 32.79# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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Operator : JC/MD
Sample : VSTDCCC005
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ALS Vial : 2 Sample Multiplier: 1

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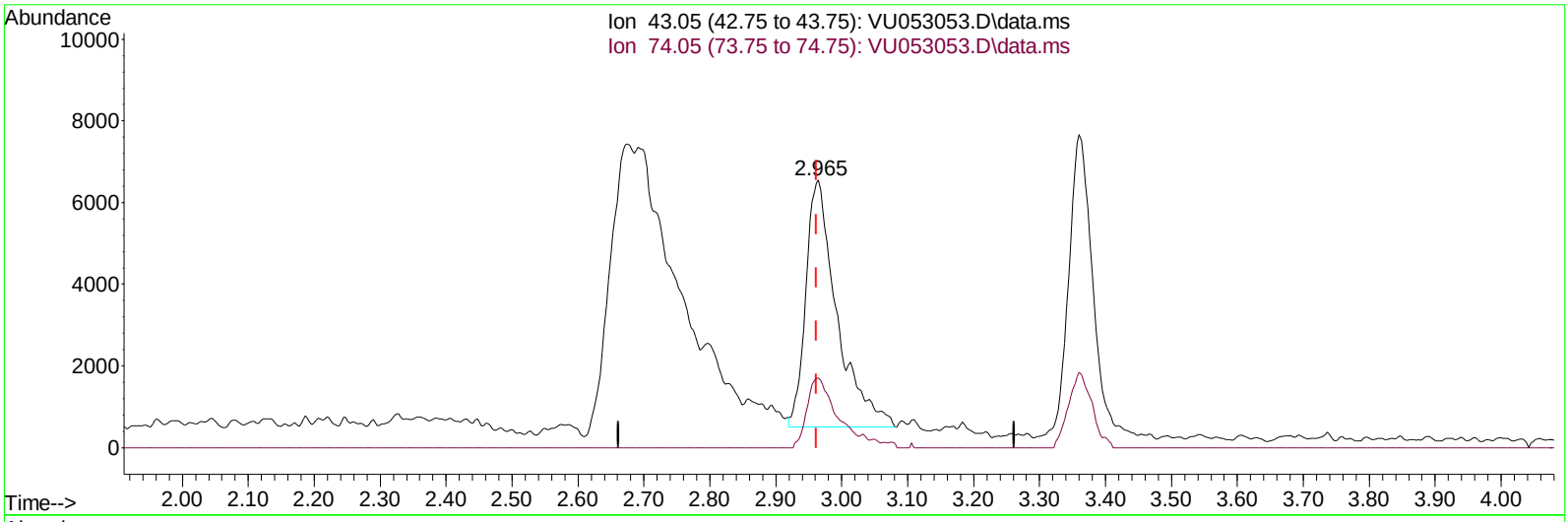
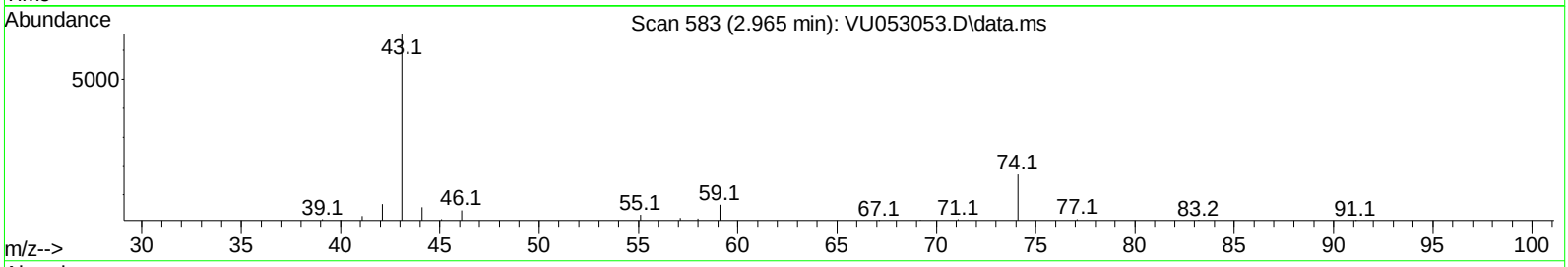
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 10 23:20:41 2023
Response via : Initial Calibration

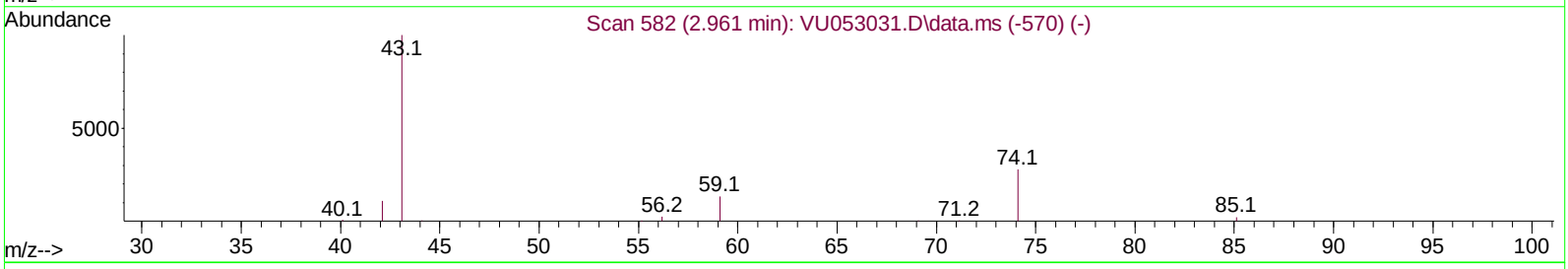
**Instrument :**
MSVOA_U
**LabSampleId :**
VSTDCCC005

**Manual IntegrationsAPPROVED**

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




TIC: VU053053.D\data.ms

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

**2.965min (+ 0.003) 5.64 ug/L m**

**response 19867**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 74.05 | 17.90 | 25.97# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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ALS Vial : 2 Sample Multiplier: 1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 10 23:20:41 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**LabSampleId :**
VSTDCCC005

**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 | 136907 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.415 | 117 | 118139 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 58222 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.598 | 65 | 28121 | 4.288 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = | 85.800% | | |
| 7) Chloroethane-d5 | 1.913 | 69 | 27851 | 4.518 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = | 90.400% | | |
| 11) 1,1-Dichloroethene-d2 | 2.563 | 65 | 12852 | 4.272 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = | 85.400% | | |
| 20) 2-Butanone-d5 | 4.649 | 46 | 92318 | 45.959 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = | 91.920% | | |
| 24) Chloroform-d | 5.058 | 84 | 69200 | 4.585 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = | 91.600% | | |
| 26) 1,2-Dichloroethane-d4 | 5.701 | 65 | 34693 | 4.562 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = | 91.200% | | |
| 32) Benzene-d6 | 5.723 | 84 | 124062 | 4.673 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = | 93.400% | | |
| 36) 1,2-Dichloropropane-d6 | 6.688 | 67 | 43850 | 4.742 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = | 94.800% | | |
| 41) Toluene-d8 | 7.894 | 98 | 109499 | 4.566 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = | 91.400% | | |
| 43) trans-1,3-Dichloroprop... | 8.177 | 79 | 16760 | 4.477 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = | 89.600% | | |
| 46) 2-Hexanone-d5 | 8.633 | 63 | 78982 | 47.527 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = | 95.060% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.752 | 84 | 38824 | 4.889 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = | 97.800% | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.189 | 152 | 41386 | 4.758 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = | 95.200% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.383 | 85 | 47338 | 4.709 | ug/L | 99 |
| 3) Chloromethane | 1.518 | 50 | 50372 | 4.810 | ug/L | 100 |
| 5) Vinyl chloride | 1.601 | 62 | 56106 | 4.863 | ug/L | 97 |
| 6) Bromomethane | 1.859 | 94 | 32791 | 4.570 | ug/L | 96 |
| 8) Chloroethane | 1.933 | 64 | 32714 | 4.815 | ug/L | 98 |
| 9) Trichlorofluoromethane | 2.138 | 101 | 78169 | 4.918 | ug/L | 98 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.579 | 101 | 41506 | 4.743 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 2.576 | 96 | 38621 | 4.768 | ug/L | 85 |
| 13) Acetone | 2.675 | 43 | 56410m | 39.122 | ug/L | |
| 14) Carbon disulfide | 2.791 | 76 | 119492 | 4.886 | ug/L | 100 |
| 15) Methyl Acetate | 2.965 | 43 | 19867m | 5.643 | ug/L | |
| 16) Methylene chloride | 3.042 | 84 | 50990 | 5.442 | ug/L | 97 |
| 17) Methyl tert-butyl Ether | 3.363 | 73 | 106367 | 4.836 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 3.350 | 96 | 40109 | 4.680 | ug/L | 97 |
| 19) 1,1-Dichloroethane | 3.865 | 63 | 78332 | 4.853 | ug/L | 94 |
| 21) 2-Butanone | 4.727 | 43 | 94347 | 44.292 | ug/L | 90 |
| 22) cis-1,2-Dichloroethene | 4.662 | 96 | 46429 | 4.800 | ug/L | 98 |
| 23) Bromochloromethane | 4.971 | 128 | 19806 | 5.171 | ug/L | 97 |

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**Instrument :**
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VSTDCCC005

**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 | 5.084 | 83 | 80879 | 4.793 | ug/L | | 97 |
| 27) 1,2-Dichloroethane | 5.791 | 62 | 49689 | 4.790 | ug/L | | 98 |
| 29) 1,1,1-Trichloroethane | 5.312 | 97 | 71313 | 5.053 | ug/L | | 98 |
| 30) Cyclohexane | 5.386 | 56 | 70463 | 4.993 | ug/L | | 99 |
| 31) Carbon tetrachloride | 5.521 | 117 | 60959 | 5.175 | ug/L | | 97 |
| 33) Benzene | 5.772 | 78 | 173073 | 5.084 | ug/L | | 100 |
| 34) Trichloroethene | 6.540 | 95 | 46596 | 4.864 | ug/L | | 96 |
| 35) Methylcyclohexane | 6.759 | 83 | 75608 | 4.875 | ug/L | | 98 |
| 37) 1,2-Dichloropropane | 6.788 | 63 | 46638 | 5.031 | ug/L | | 99 |
| 38) Bromodichloromethane | 7.103 | 83 | 60233 | 5.011 | ug/L | | 99 |
| 39) cis-1,3-Dichloropropene | 7.604 | 75 | 70119 | 4.742 | ug/L | | 96 |
| 40) 4-Methyl-2-pentanone | 7.791 | 43 | 240276 | 49.654 | ug/L | | 99 |
| 42) Toluene | 7.964 | 91 | 188923 | 5.109 | ug/L | | 99 |
| 44) trans-1,3-Dichloropropene | 8.206 | 75 | 58241 | 4.775 | ug/L | | 99 |
| 45) 1,1,2-Trichloroethane | 8.395 | 97 | 33098 | 4.956 | ug/L | | 97 |
| 47) Tetrachloroethene | 8.550 | 164 | 31904 | 5.124 | ug/L | | 97 |
| 48) 2-Hexanone | 8.681 | 43 | 162690 | 45.808 | ug/L | | 98 |
| 49) Dibromochloromethane | 8.807 | 129 | 38661 | 5.309 | ug/L | | 95 |
| 50) 1,2-Dibromoethane | 8.919 | 107 | 32345 | 5.249 | ug/L | # | 99 |
| 51) Chlorobenzene | 9.443 | 112 | 117263 | 5.083 | ug/L | | 99 |
| 52) Ethylbenzene | 9.566 | 91 | 209115 | 4.983 | ug/L | | 99 |
| 53) m,p-Xylene | 9.691 | 106 | 78067 | 4.975 | ug/L | | 99 |
| 54) o-Xylene | 10.096 | 106 | 76797 | 5.049 | ug/L | | 96 |
| 55) Styrene | 10.112 | 104 | 124918 | 5.062 | ug/L | | 98 |
| 57) 1,1,2,2-Tetrachloroethane | 10.778 | 83 | 42075 | 4.979 | ug/L | | 99 |
| 59) Bromoform | 10.286 | 173 | 22235 | 5.254 | ug/L | | 96 |
| 60) Isopropylbenzene | 10.479 | 105 | 207664 | 4.930 | ug/L | | 99 |
| 61) 1,2,3-Trichloropropane | 10.820 | 75 | 27860 | 4.983 | ug/L | | 98 |
| 62) 1,3,5-Trimethylbenzene | 11.083 | 105 | 174588 | 4.908 | ug/L | | 98 |
| 63) 1,2,4-Trimethylbenzene | 11.463 | 105 | 177396 | 4.983 | ug/L | | 99 |
| 64) 1,3-Dichlorobenzene | 11.742 | 146 | 84555 | 4.957 | ug/L | | 99 |
| 65) 1,4-Dichlorobenzene | 11.832 | 146 | 83575 | 4.890 | ug/L | | 99 |
| 67) 1,2-Dichlorobenzene | 12.209 | 146 | 80451 | 5.058 | ug/L | | 97 |
| 68) 1,2-Dibromo-3-chloropr... | 12.993 | 75 | 6710 | 5.107 | ug/L | | 88 |
| 69) 1,3,5-Trichlorobenzene | 13.215 | 180 | 58832 | 4.842 | ug/L | | 99 |
| 70) 1,2,4-trichlorobenzene | 13.836 | 180 | 50138 | 4.970 | ug/L | | 98 |
| 71) Naphthalene | 14.083 | 128 | 99950 | 4.941 | ug/L | | 100 |
| 72) 1,2,3-Trichlorobenzene | 14.324 | 180 | 46236 | 5.193 | ug/L | | 99 |

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

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