Quantitation Report (Qedit)

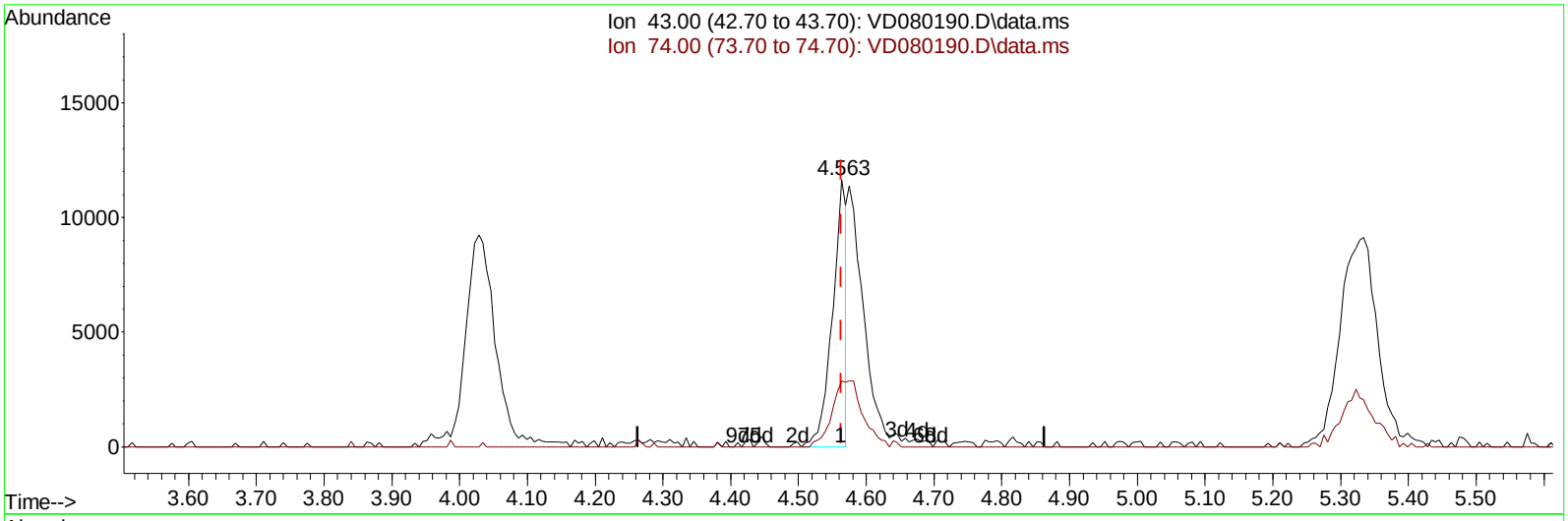
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
Data File : VD080190.D
Acq On : 09 Jan 2025 11:29
Operator : RP/MD
Sample : VSTD02564
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

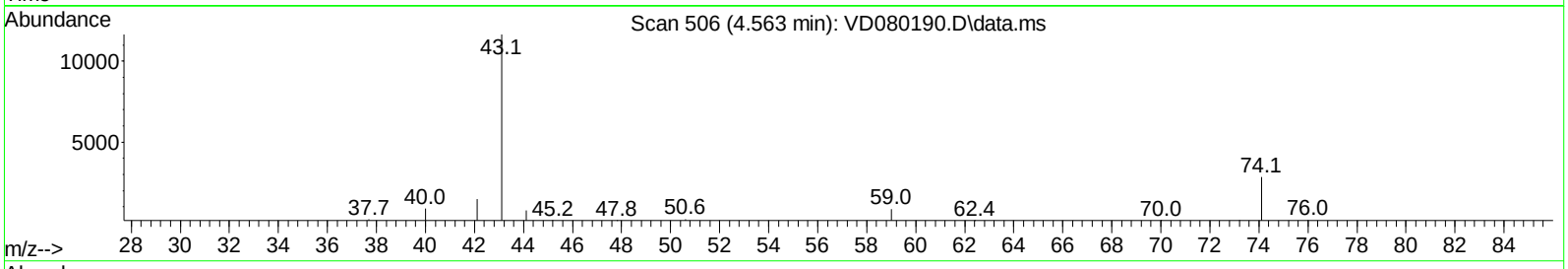
Quant Time: Jan 09 19:48:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 09 19:44:54 2025
Response via : Initial Calibration

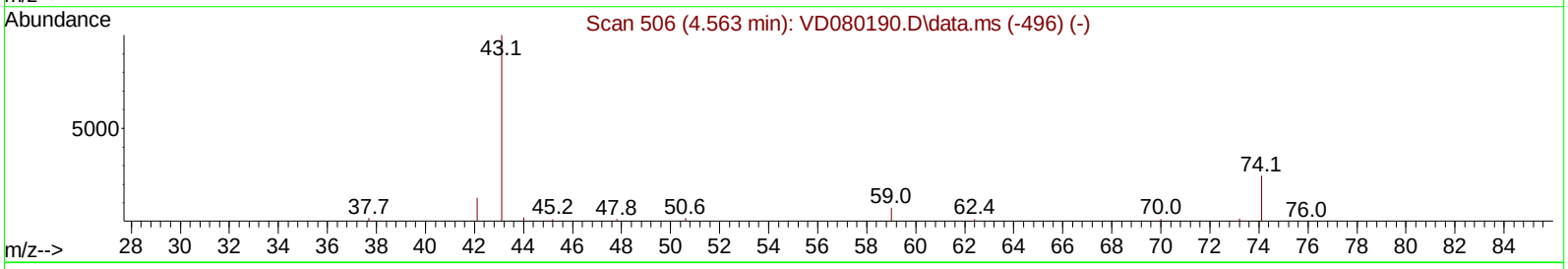
**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTD025864

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025




TIC: VD080190.D\data.ms

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

**4.563min ( 0.000) 10.62 ug/L**

**response 16480**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 12.60 | 26.59# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : SFAM01.0
QLast Update : Thu Jan 09 19:44:54 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTD025864

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 01/10/2025
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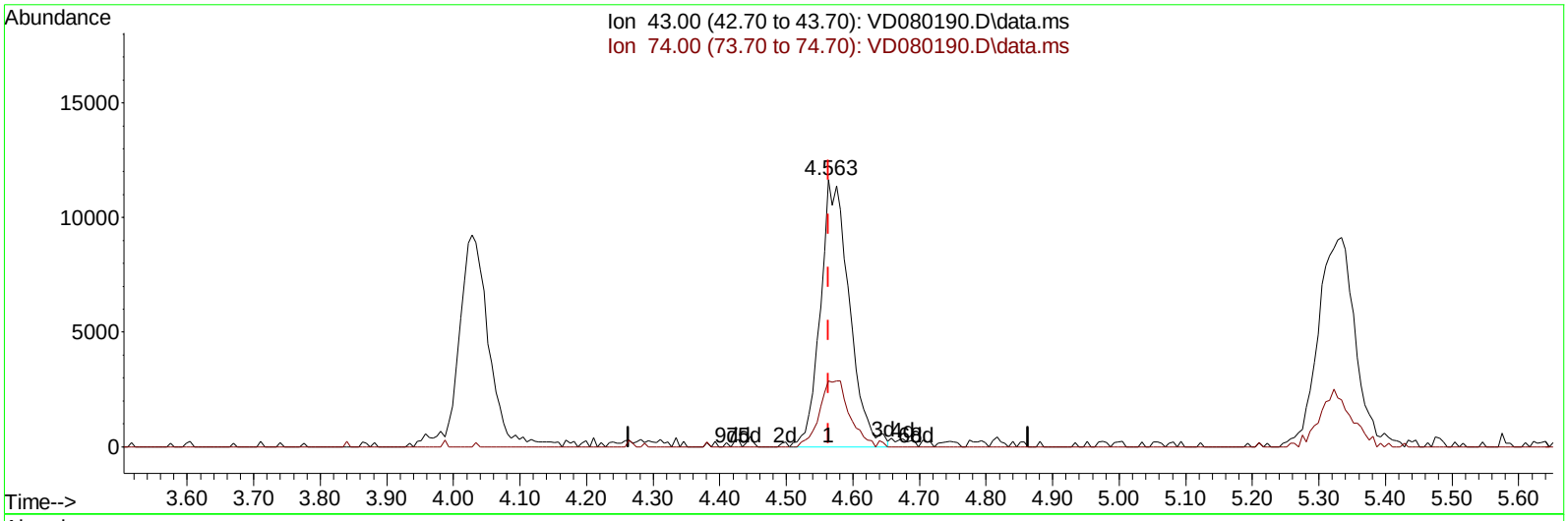


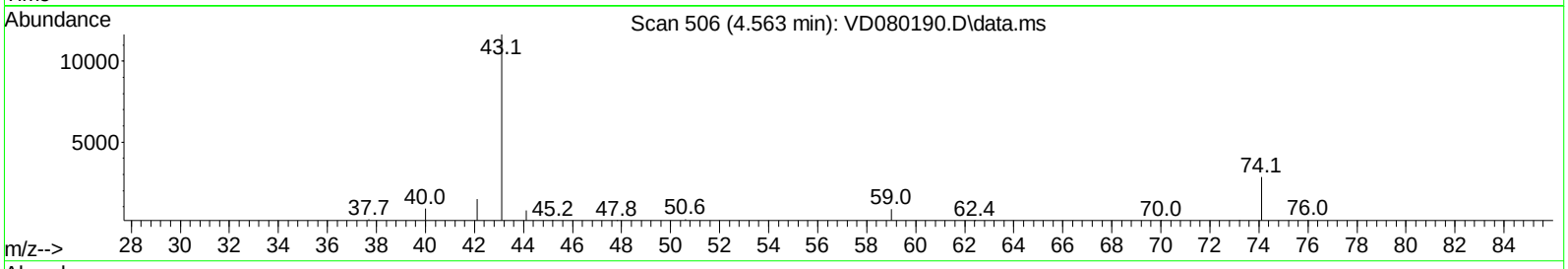


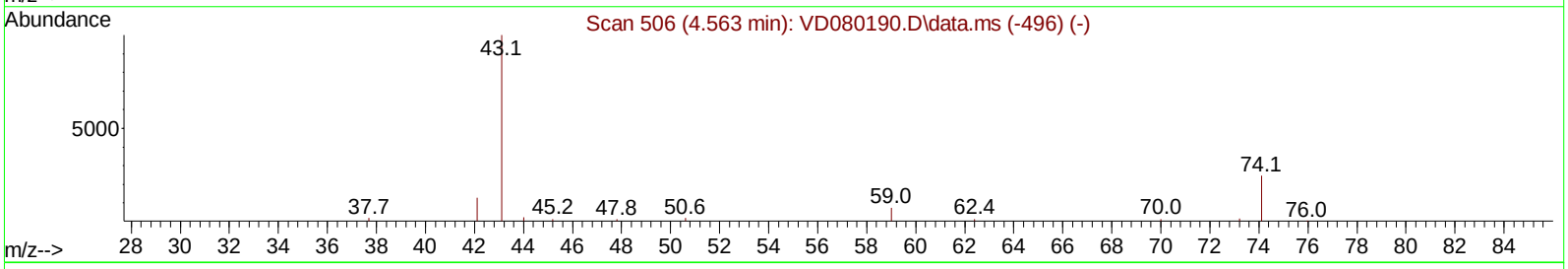


TIC: VD080190.D\data.ms

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

**4.563min ( 0.000) 22.64 ug/L m**

**response 35138**

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 12.60 | 12.47 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Quant Title : SFAM01.0
QLast Update : Thu Jan 09 19:44:54 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTD025864

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.781 | 114 | 235185 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.587 | 117 | 222973 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.522 | 152 | 120894 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.281 | 65 | 169037 | 24.506 | ug/L | 0.00 |
| 7) Chloroethane-d5 | 2.805 | 69 | 140493 | 25.064 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 3.922 | 65 | 39291 | 23.568 | ug/L | 0.00 |
| 21) 2-Butanone-d5 | 6.999 | 46 | 33697 | 43.267 | ug/L | 0.00 |
| 24) Chloroform-d | 7.575 | 84 | 181652 | 24.613 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 8.234 | 65 | 92762 | 23.996 | ug/L | 0.00 |
| 32) Benzene-d6 | 8.210 | 84 | 357339 | 24.824 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 9.210 | 67 | 114495 | 24.032 | ug/L | 0.00 |
| 41) Toluene-d8 | 10.269 | 98 | 341865 | 26.059 | ug/L | 0.00 |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79 | 47019 | 24.154 | ug/L | 0.00 |
| 47) 2-Hexanone-d5 | 10.881 | 63 | 28046 | 47.235 | ug/L | 0.00 |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84 | 88100 | 24.677 | ug/L | 0.00 |
| 66) 1,2-Dichlorobenzene-d4 | 13.816 | 152 | 107023 | 23.549 | ug/L | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.934 | 85 | 107925 | 23.121 | ug/L | 100 |
| 3) Chloromethane | 2.152 | 50 | 146390 | 23.005 | ug/L | 100 |
| 5) Vinyl chloride | 2.287 | 62 | 186413 | 23.874 | ug/L | 100 |
| 6) Bromomethane | 2.699 | 94 | 111116 | 24.436 | ug/L | 100 |
| 8) Chloroethane | 2.846 | 64 | 117987 | 24.634 | ug/L | 100 |
| 9) Trichlorofluoromethane | 3.181 | 101 | 160572 | 24.750 | ug/L | 100 |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.975 | 101 | 93544 | 25.271 | ug/L | 100 |
| 12) 1,1-Dichloroethene | 3.946 | 96 | 79027 | 23.918 | ug/L | 100 |
| 13) Acetone | 4.028 | 43 | 26130 | 41.399 | ug/L | 100 |
| 14) Carbon disulfide | 4.275 | 76 | 307320 | 24.956 | ug/L | 100 |
| 15) Methyl Acetate | 4.563 | 43 | 35138m | 22.639 | ug/L | |
| 16) Methylene chloride | 4.805 | 84 | 96245 | 24.106 | ug/L | 100 |
| 17) trans-1,2-Dichloroethene | 5.322 | 96 | 90502 | 25.036 | ug/L | 100 |
| 18) Methyl tert-butyl Ether | 5.328 | 73 | 167693 | 24.488 | ug/L | 100 |
| 19) 1,1-Dichloroethane | 6.116 | 63 | 171828 | 24.763 | ug/L | 100 |
| 20) cis-1,2-Dichloroethene | 7.087 | 96 | 94778 | 25.075 | ug/L | 100 |
| 22) 2-Butanone | 7.087 | 43 | 40677 | 45.276 | ug/L | 100 |
| 23) Bromochloromethane | 7.428 | 128 | 46518 | 25.391 | ug/L | 100 |
| 25) Chloroform | 7.604 | 83 | 193657 | 25.182 | ug/L | 100 |
| 27) 1,2-Dichloroethane | 8.334 | 62 | 114220 | 25.461 | ug/L | 100 |
| 29) Cyclohexane | 7.887 | 56 | 148970 | 26.555 | ug/L | 100 |
| 30) 1,1,1-Trichloroethane | 7.799 | 97 | 151210 | 25.597 | ug/L | 100 |
| 31) Carbon tetrachloride | 7.999 | 117 | 136158 | 26.115 | ug/L | 100 |
| 33) Benzene | 8.257 | 78 | 393657 | 25.964 | ug/L | 100 |
| 34) Trichloroethene | 9.034 | 95 | 100468 | 25.586 | ug/L | 100 |
| 35) Methylcyclohexane | 9.281 | 83 | 158411 | 27.129 | ug/L | 100 |
| 37) 1,2-Dichloropropane | 9.310 | 63 | 105055 | 25.432 | ug/L | 100 |
| 38) Bromodichloromethane | 9.587 | 83 | 132302 | 25.546 | ug/L | 100 |
| 39) cis-1,3-Dichloropropene | 10.022 | 75 | 151022 | 25.866 | ug/L | 100 |
| 40) 4-Methyl-2-pentanone | 10.163 | 43 | 97750 | 48.206 | ug/L | 100 |
| 42) Toluene | 10.334 | 91 | 430434 | 27.172 | ug/L | 100 |

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**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTD025864

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | trans-1,3-Dichloropropene | 10.557 | 75 | 132608 | 26.300 | ug/L | 100 |
| 45) | 1,1,2-Trichloroethane | 10.734 | 97 | 74156 | 24.587 | ug/L | 100 |
| 46) | Tetrachloroethene | 10.810 | 164 | 82178 | 25.973 | ug/L | 100 |
| 48) | 2-Hexanone | 10.922 | 43 | 69647 | 51.541 | ug/L | 100 |
| 49) | Dibromochloromethane | 11.075 | 129 | 85115 | 25.340 | ug/L | 100 |
| 50) | 1,2-Dibromoethane | 11.181 | 107 | 69295 | 25.280 | ug/L | 100 |
| 51) | Chlorobenzene | 11.610 | 112 | 259900 | 25.593 | ug/L | 100 |
| 52) | Ethylbenzene | 11.687 | 91 | 457227 | 26.899 | ug/L | 100 |
| 53) | m,p-Xylene | 11.792 | 106 | 174033 | 27.396 | ug/L | 100 |
| 54) | o-Xylene | 12.122 | 106 | 161285 | 27.140 | ug/L | 100 |
| 55) | Styrene | 12.140 | 104 | 296266 | 27.526 | ug/L | 100 |
| 57) | 1,1,2,2-Tetrachloroethane | 12.675 | 83 | 86802 | 25.388 | ug/L | 100 |
| 59) | Bromoform | 12.304 | 173 | 52511 | 24.208 | ug/L | 100 |
| 60) | Isopropylbenzene | 12.422 | 105 | 444279 | 26.350 | ug/L | 100 |
| 61) | 1,2,3-Trichloropropane | 12.728 | 75 | 59096 | 23.117 | ug/L | 100 |
| 62) | 1,3,5-Trimethylbenzene | 12.904 | 105 | 349614 | 26.020 | ug/L | 100 |
| 63) | 1,2,4-Trimethylbenzene | 13.216 | 105 | 349468 | 26.662 | ug/L | 100 |
| 64) | 1,3-Dichlorobenzene | 13.457 | 146 | 203853 | 24.717 | ug/L | 100 |
| 65) | 1,4-Dichlorobenzene | 13.539 | 146 | 211653 | 24.854 | ug/L | 100 |
| 67) | 1,2-Dichlorobenzene | 13.834 | 146 | 181861 | 24.617 | ug/L | 100 |
| 68) | 1,2-Dibromo-3-chloropr... | 14.451 | 75 | 13134 | 23.520 | ug/L | 100 |
| 69) | 1,3,5-Trichlorobenzene | 14.598 | 180 | 140552 | 25.061 | ug/L | 100 |
| 70) | 1,2,4-trichlorobenzene | 15.104 | 180 | 111752 | 24.418 | ug/L | 100 |
| 71) | Naphthalene | 15.333 | 128 | 190177 | 23.617 | ug/L | 100 |
| 72) | 1,2,3-Trichlorobenzene | 15.522 | 180 | 105472 | 24.813 | ug/L | 100 |

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

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