Quantitation Report (Qedit)

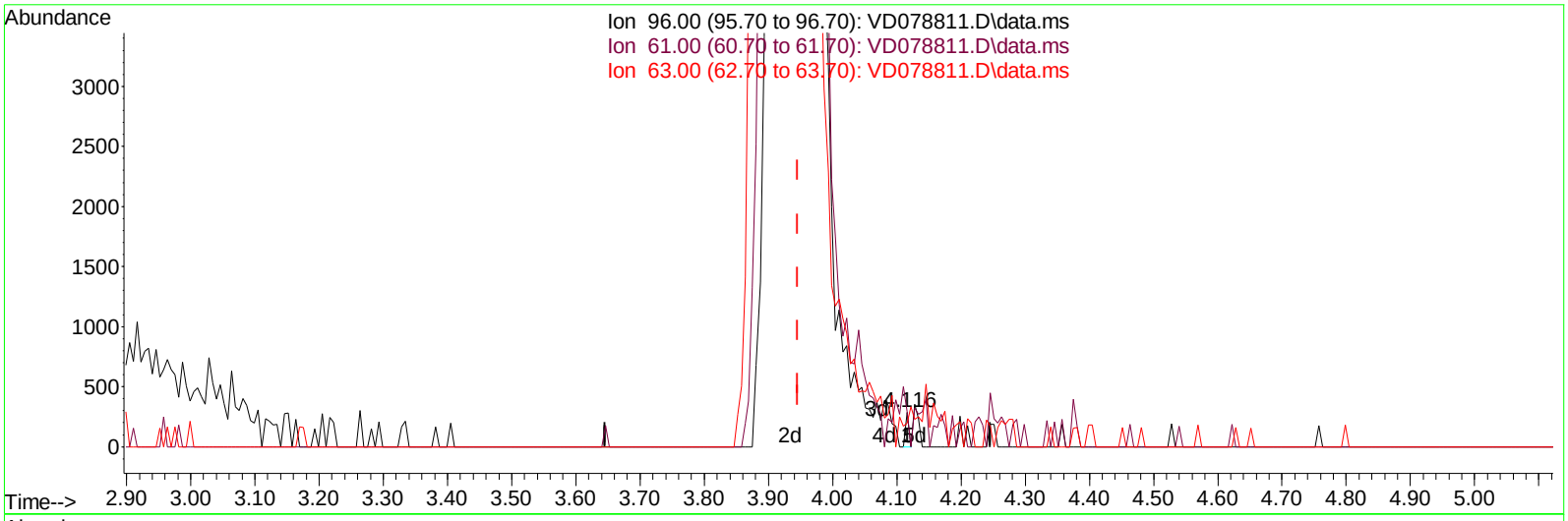
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
Data File : VD078811.D
Acq On : 11 Apr 2024 13:05
Operator : RP/MD
Sample : VSTD10025
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

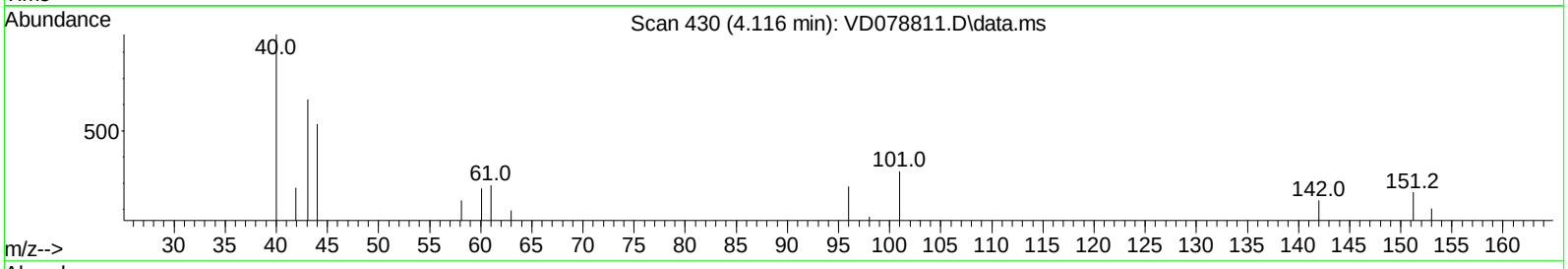
Quant Time: Apr 12 06:46:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 12 06:43:47 2024
Response via : Initial Calibration

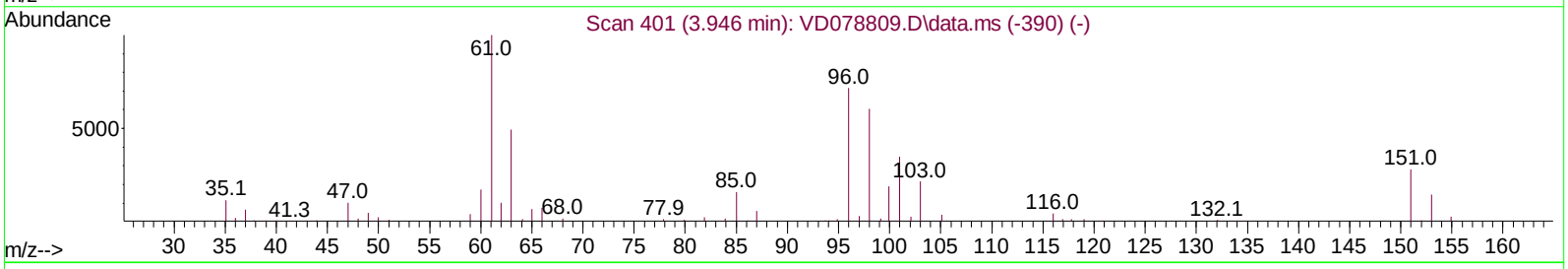
**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTD100125

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 04/12/2024
Supervised By :Semsettin Yesilyurt 04/12/2024




TIC: VD078811.D\data.ms

**(12) 1,1-Dichloroethene (T)**

**4.116min (+ 0.170) 0.03 ug/L**

**response 101**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 141.40 | 101.39 |
| 63.00 | 78.90 | 67.94 |
| 0.00 | 0.00 | 0.00 |

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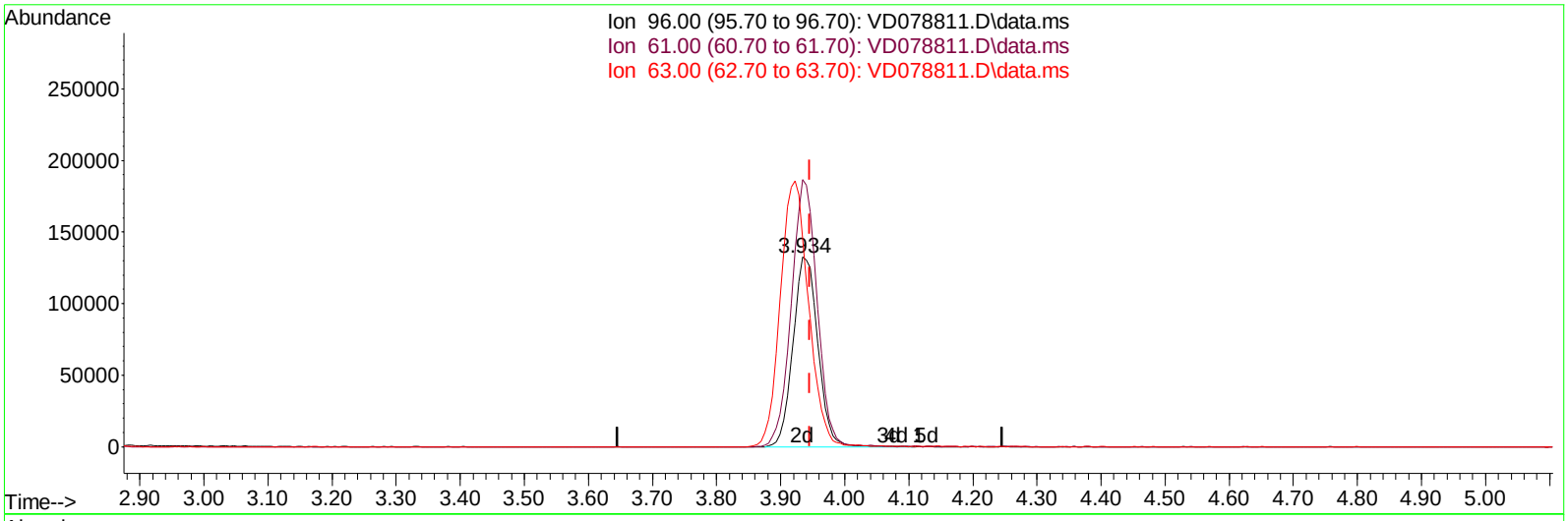
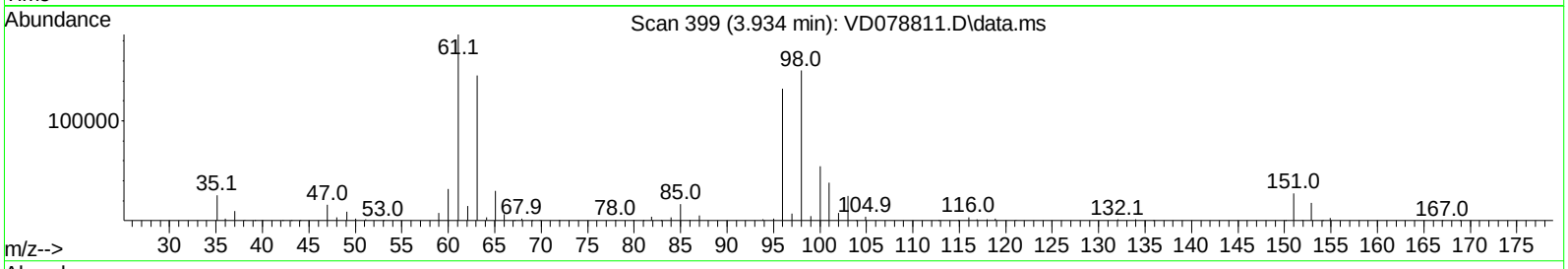
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 12 06:43:47 2024
Response via : Initial Calibration

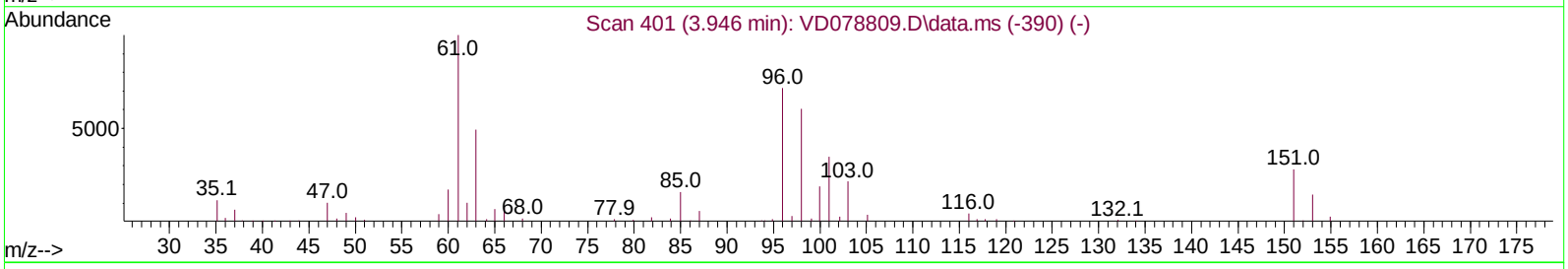
**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTD100125

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 04/12/2024
Supervised By :Semsettin Yesilyurt 04/12/2024




TIC: VD078811.D\data.ms

**(12) 1,1-Dichloroethene (T)**

**3.934min (-0.012) 107.97 ug/L m**

**response 356430**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 141.40 | 140.84 |
| 63.00 | 78.90 | 109.86# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
Data File : VD078811.D
Acq On : 11 Apr 2024 13:05
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Misc : 5.00G/10ml/MSVOA_D/SOIL
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Quant Time: Apr 12 06:46:30 2024
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Quant Title : SFAM01.0
QLast Update : Fri Apr 12 06:43:47 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTD100125

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 04/12/2024
Supervised By :Semsettin Yesilyurt 04/12/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Difluorobenzene | 8.775 | 114 | 252522 | 25.000 | ug/L | | 0.00 |
| 28) Chlorobenzene-d5 | 11.581 | 117 | 262913 | 25.000 | ug/L | | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.516 | 152 | 143164 | 25.000 | ug/L | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) Vinyl Chloride-d3 | 2.275 | 65 | 664949 | 95.591 | ug/L | | 0.00 |
| 7) Chloroethane-d5 | 2.799 | 69 | 654218 | 99.842 | ug/L | | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 3.916 | 65 | 133761 | 104.696 | ug/L | | 0.00 |
| 21) 2-Butanone-d5 | 6.987 | 46 | 158774 | 241.427 | ug/L | | 0.00 |
| 24) Chloroform-d | 7.569 | 84 | 705096 | 114.374 | ug/L | | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 8.234 | 65 | 358314 | 114.402 | ug/L | | 0.00 |
| 32) Benzene-d6 | 8.199 | 84 | 1473205 | 109.966 | ug/L | | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 9.210 | 67 | 414040 | 107.404 | ug/L | | 0.00 |
| 41) Toluene-d8 | 10.269 | 98 | 1478352 | 117.015 | ug/L | | 0.00 |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79 | 203530 | 115.680 | ug/L | | 0.00 |
| 47) 2-Hexanone-d5 | 10.875 | 63 | 151953 | 243.985 | ug/L | | 0.00 |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84 | 406154 | 111.723 | ug/L | | 0.00 |
| 66) 1,2-Dichlorobenzene-d4 | 13.816 | 152 | 565764 | 115.867 | ug/L | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.934 | 85 | 351932 | 96.846 | ug/L | | 98 |
| 3) Chloromethane | 2.146 | 50 | 481922 | 92.562 | ug/L | | 99 |
| 5) Vinyl chloride | 2.281 | 62 | 784929 | 100.261 | ug/L | | 99 |
| 6) Bromomethane | 2.687 | 94 | 655497 | 115.204 | ug/L | | 98 |
| 8) Chloroethane | 2.834 | 64 | 574837 | 100.635 | ug/L | | 94 |
| 9) Trichlorofluoromethane | 3.169 | 101 | 571559 | 99.801 | ug/L | | 100 |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.963 | 101 | 369600 | 99.812 | ug/L | # | 89 |
| 12) 1,1-Dichloroethene | 3.934 | 96 | 356430m | 107.966 | ug/L | | |
| 13) Acetone | 4.022 | 43 | 189366 | 222.011 | ug/L | | 98 |
| 14) Carbon disulfide | 4.269 | 76 | 1145149 | 101.883 | ug/L | | 99 |
| 15) Methyl Acetate | 4.563 | 43 | 136490 | 108.063 | ug/L | | 96 |
| 16) Methylene chloride | 4.799 | 84 | 382856 | 87.503 | ug/L | | 98 |
| 17) trans-1,2-Dichloroethene | 5.310 | 96 | 395056 | 107.035 | ug/L | | 98 |
| 18) Methyl tert-butyl Ether | 5.322 | 73 | 855196 | 121.116 | ug/L | # | 93 |
| 19) 1,1-Dichloroethane | 6.110 | 63 | 590749 | 100.462 | ug/L | | 98 |
| 20) cis-1,2-Dichloroethene | 7.081 | 96 | 441003 | 109.907 | ug/L | | 95 |
| 22) 2-Butanone | 7.081 | 43 | 239977 | 229.469 | ug/L | | 94 |
| 23) Bromochloromethane | 7.428 | 128 | 206463 | 104.294 | ug/L | | 92 |
| 25) Chloroform | 7.593 | 83 | 692202 | 99.893 | ug/L | | 95 |
| 27) 1,2-Dichloroethane | 8.328 | 62 | 412130 | 105.821 | ug/L | | 100 |
| 29) Cyclohexane | 7.881 | 56 | 494927 | 110.806 | ug/L | | 98 |
| 30) 1,1,1-Trichloroethane | 7.793 | 97 | 572622 | 96.836 | ug/L | | 98 |
| 31) Carbon tetrachloride | 7.993 | 117 | 520626 | 98.205 | ug/L | | 99 |
| 33) Benzene | 8.252 | 78 | 1592813 | 106.847 | ug/L | | 100 |
| 34) Trichloroethene | 9.028 | 95 | 408792 | 102.794 | ug/L | | 95 |
| 35) Methylcyclohexane | 9.275 | 83 | 666381 | 112.796 | ug/L | | 97 |
| 37) 1,2-Dichloropropane | 9.304 | 63 | 381380 | 99.774 | ug/L | | 100 |
| 38) Bromodichloromethane | 9.587 | 83 | 523155 | 99.475 | ug/L | | 96 |
| 39) cis-1,3-Dichloropropene | 10.016 | 75 | 663737 | 113.051 | ug/L | | 97 |
| 40) 4-Methyl-2-pentanone | 10.157 | 43 | 392665 | 224.902 | ug/L | | 97 |
| 42) Toluene | 10.334 | 91 | 1836453 | 111.282 | ug/L | | 98 |

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ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTD100125

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 04/12/2024
Supervised By :Semsettin Yesilyurt 04/12/2024

Quant Time: Apr 12 06:46:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 12 06:43:47 2024
Response via : Initial Calibration

| | Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) | trans-1,3-Dichloropropene | 10.551 | 75 | 580464 | 112.824 ug/L | 97 |
| 45) | 1,1,2-Trichloroethane | 10.734 | 97 | 349602 | 104.739 ug/L | 99 |
| 46) | Tetrachloroethene | 10.810 | 164 | 354738 | 106.526 ug/L | 92 |
| 48) | 2-Hexanone | 10.922 | 43 | 333940 | 243.025 ug/L | 97 |
| 49) | Dibromochloromethane | 11.075 | 129 | 417700 | 108.073 ug/L | 98 |
| 50) | 1,2-Dibromoethane | 11.181 | 107 | 343264 | 105.824 ug/L | 97 |
| 51) | Chlorobenzene | 11.604 | 112 | 1181267 | 106.126 ug/L | 99 |
| 52) | Ethylbenzene | 11.681 | 91 | 1983704 | 114.323 ug/L | 99 |
| 53) | m,p-Xylene | 11.793 | 106 | 792113 | 115.887 ug/L | 94 |
| 54) | o-Xylene | 12.122 | 106 | 809653 | 122.544 ug/L | 94 |
| 55) | Styrene | 12.134 | 104 | 1471481 | 124.269 ug/L | 97 |
| 57) | 1,1,2,2-Tetrachloroethane | 12.669 | 83 | 406562 | 105.513 ug/L | 99 |
| 59) | Bromoform | 12.298 | 173 | 288005 | 102.629 ug/L | 99 |
| 60) | Isopropylbenzene | 12.422 | 105 | 2020327 | 111.517 ug/L | 99 |
| 61) | 1,2,3-Trichloropropane | 12.722 | 75 | 252962 | 95.730 ug/L | 98 |
| 62) | 1,3,5-Trimethylbenzene | 12.904 | 105 | 1274639 | 116.059 ug/L | 100 |
| 63) | 1,2,4-Trimethylbenzene | 13.210 | 105 | 1587588 | 117.798 ug/L | 99 |
| 64) | 1,3-Dichlorobenzene | 13.457 | 146 | 953776 | 105.777 ug/L | 98 |
| 65) | 1,4-Dichlorobenzene | 13.534 | 146 | 988381 | 103.652 ug/L | 99 |
| 67) | 1,2-Dichlorobenzene | 13.828 | 146 | 917290 | 107.989 ug/L | 95 |
| 68) | 1,2-Dibromo-3-chloropr... | 14.445 | 75 | 56233 | 93.469 ug/L | 91 |
| 69) | 1,3,5-Trichlorobenzene | 14.592 | 180 | 628247 | 108.345 ug/L | 99 |
| 70) | 1,2,4-trichlorobenzene | 15.098 | 180 | 543814 | 111.209 ug/L | 98 |
| 71) | Naphthalene | 15.328 | 128 | 1171756 | 123.453 ug/L | 100 |
| 72) | 1,2,3-Trichlorobenzene | 15.522 | 180 | 506915 | 113.219 ug/L | 98 |

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

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VSTD100125

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