Quantitation Report (Qedit)

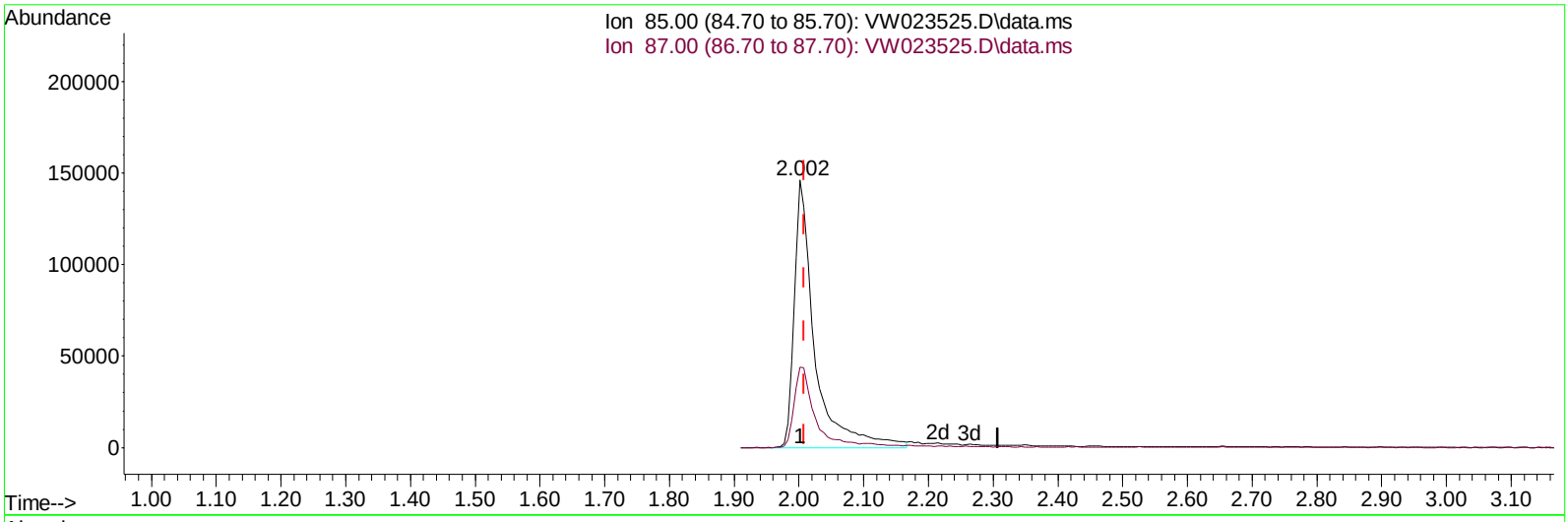
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
Data File : VW023525.D
Acq On : 28 Jun 2022 11:19
Operator : SY/VA
Sample : VSTD10031
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

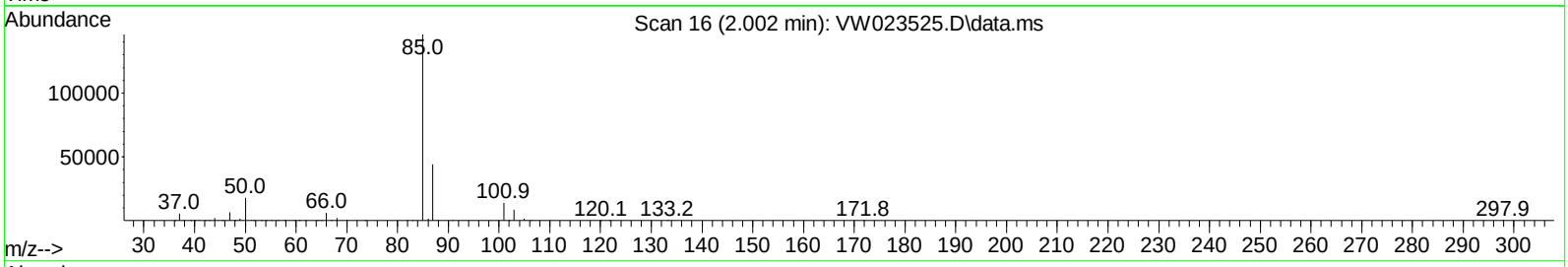
Quant Time: Jun 29 01:34:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062822SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 29 01:31:51 2022
Response via : Initial Calibration

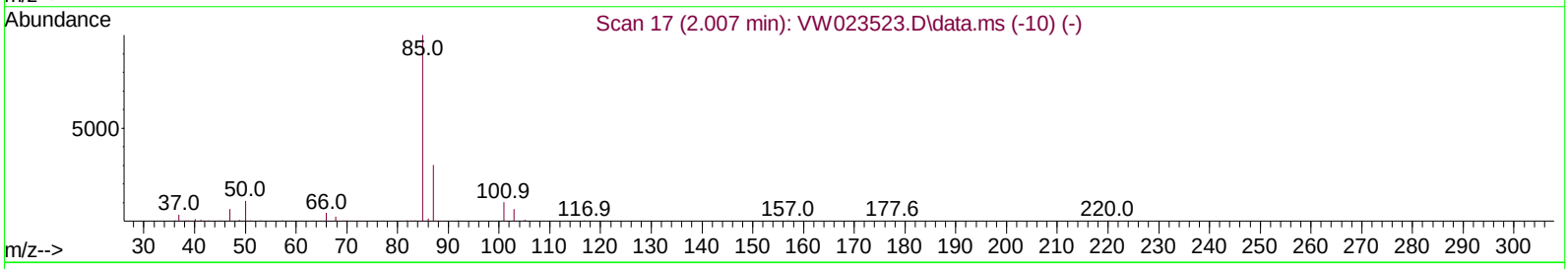
**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD100431

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022




TIC: VW023525.D\data.ms

**(2) Dichlorodifluoromethane (T)**

**2.002min (-0.006) 166.06 ug/L**

**response 318720**

| Ion | Exp% | Act% |
|---|---|---|
| 85.00 | 100.00 | 100.00 |
| 87.00 | 26.20 | 29.93 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD100431

**Manual IntegrationsAPPROVED**

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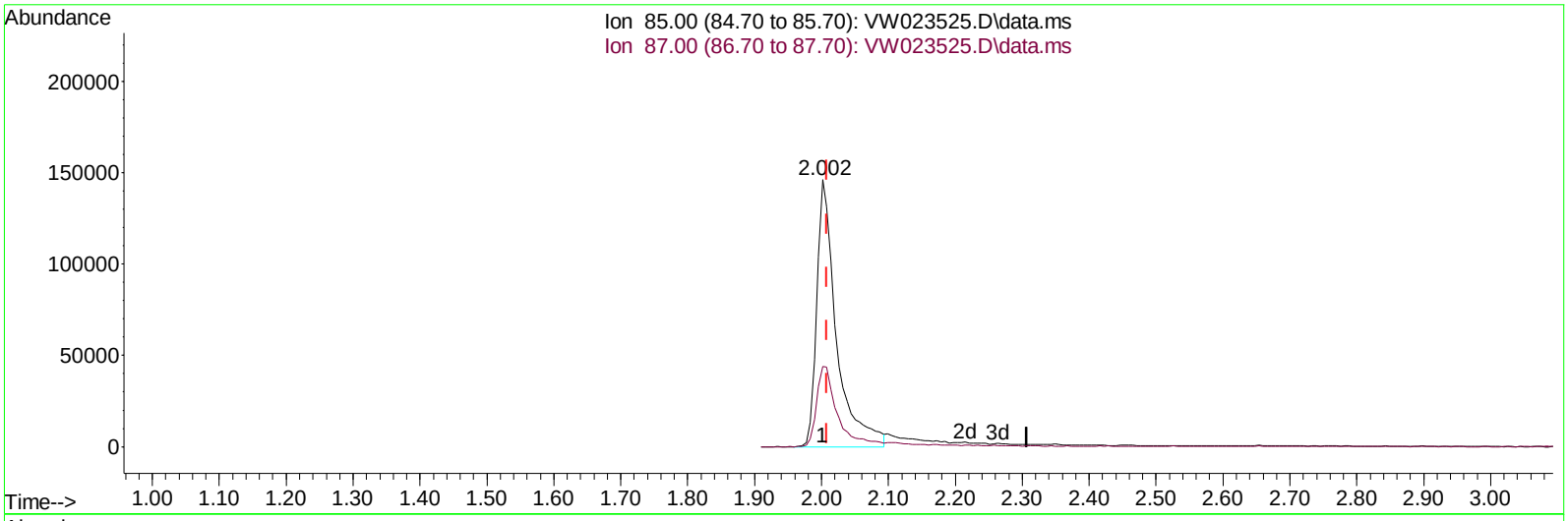


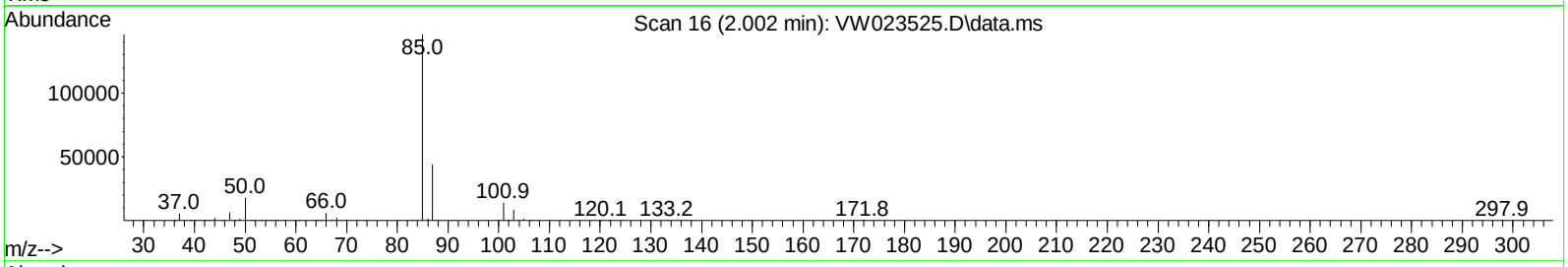


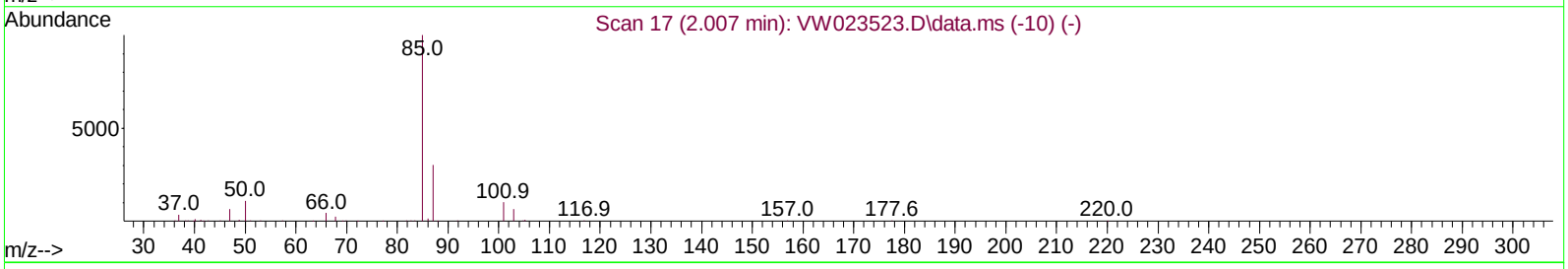


TIC: VW023525.D\data.ms

**(2) Dichlorodifluoromethane (T)**

**2.002min (-0.006) 155.58 ug/L m**

**response 298603**

| Ion | Exp% | Act% |
|---|---|---|
| 85.00 | 100.00 | 100.00 |
| 87.00 | 26.20 | 31.95# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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QLast Update : Wed Jun 29 01:31:51 2022
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**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD100431

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 06/29/2022
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.842 | 114 | 421669 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 411760 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.554 | 152 | 219022 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.355 | 65 | 425484 | 78.639 | ug/L | 0.00 |
| 7) Chloroethane-d5 | 2.879 | 69 | 377131 | 91.947 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 4.019 | 63 | 769893 | 90.408 | ug/L | -0.01 |
| 21) 2-Butanone-d5 | 7.074 | 46 | 253755 | 199.214 | ug/L | 0.00 |
| 24) Chloroform-d | 7.647 | 84 | 998223 | 92.197 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 8.305 | 65 | 511268 | 89.701 | ug/L | 0.00 |
| 32) Benzene-d6 | 8.275 | 84 | 1831617 | 89.975 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 9.275 | 67 | 554378 | 91.339 | ug/L | 0.00 |
| 41) Toluene-d8 | 10.323 | 98 | 1964103 | 98.707 | ug/L | 0.00 |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79 | 275497 | 100.276 | ug/L | 0.00 |
| 47) 2-Hexanone-d5 | 10.921 | 63 | 226218 | 232.510 | ug/L | 0.00 |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84 | 538687 | 96.361 | ug/L | 0.00 |
| 66) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 740471 | 97.315 | ug/L | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.002 | 85 | 298603m | 155.575 | ug/L | |
| 3) Chloromethane | 2.215 | 50 | 534193 | 103.801 | ug/L | 97 |
| 5) Vinyl chloride | 2.361 | 62 | 804928 | 103.328 | ug/L | 96 |
| 6) Bromomethane | 2.770 | 94 | 477691 | 107.857 | ug/L | 97 |
| 8) Chloroethane | 2.916 | 64 | 451172 | 110.495 | ug/L | 97 |
| 9) Trichlorofluoromethane | 3.257 | 101 | 405944 | 99.475 | ug/L | 97 |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062 | 101 | 564791 | 101.137 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 4.038 | 96 | 511483 | 105.895 | ug/L | 95 |
| 13) Acetone | 4.117 | 43 | 165115 | 183.199 | ug/L | 100 |
| 14) Carbon disulfide | 4.385 | 76 | 1632284 | 107.720 | ug/L | 100 |
| 15) Methyl Acetate | 4.666 | 43 | 214203 | 101.791 | ug/L | 100 |
| 16) Methylene chloride | 4.922 | 84 | 530788 | 84.229 | ug/L | 93 |
| 17) trans-1,2-Dichloroethene | 5.422 | 96 | 592967 | 104.406 | ug/L | 96 |
| 18) Methyl tert-butyl Ether | 5.428 | 73 | 848979 | 104.571 | ug/L | 99 |
| 19) 1,1-Dichloroethane | 6.214 | 63 | 948102 | 99.039 | ug/L | 98 |
| 20) cis-1,2-Dichloroethene | 7.171 | 96 | 634831 | 106.126 | ug/L | 98 |
| 22) 2-Butanone | 7.171 | 43 | 282500 | 187.322 | ug/L | 99 |
| 23) Bromochloromethane | 7.519 | 128 | 293393 | 103.674 | ug/L | 87 |
| 25) Chloroform | 7.677 | 83 | 1037716 | 96.232 | ug/L | 97 |
| 27) 1,2-Dichloroethane | 8.403 | 62 | 668018 | 96.344 | ug/L | 99 |
| 29) Cyclohexane | 7.958 | 56 | 898441 | 107.198 | ug/L | 97 |
| 30) 1,1,1-Trichloroethane | 7.872 | 97 | 925846 | 95.295 | ug/L | 98 |
| 31) Carbon tetrachloride | 8.068 | 117 | 901594 | 101.054 | ug/L | 98 |
| 33) Benzene | 8.324 | 78 | 2304236 | 97.511 | ug/L | 100 |
| 34) Trichloroethene | 9.092 | 95 | 635911 | 97.680 | ug/L | 94 |
| 35) Methylcyclohexane | 9.336 | 83 | 1103645 | 106.572 | ug/L | 99 |
| 37) 1,2-Dichloropropane | 9.366 | 63 | 543609 | 96.861 | ug/L | 100 |
| 38) Bromodichloromethane | 9.646 | 83 | 789321 | 98.070 | ug/L | 97 |
| 39) cis-1,3-Dichloropropene | 10.073 | 75 | 938848 | 108.971 | ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 10.207 | 43 | 668983 | 211.854 | ug/L | 97 |
| 42) Toluene | 10.390 | 91 | 2687133 | 103.360 | ug/L | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) trans-1,3-Dichloropropene | 10.604 | 75 | 846658 | 111.309 | ug/L | | 98 |
| 45) 1,1,2-Trichloroethane | 10.787 | 97 | 453719 | 99.088 | ug/L | | 99 |
| 46) Tetrachloroethene | 10.860 | 164 | 516522 | 100.515 | ug/L | | 97 |
| 48) 2-Hexanone | 10.969 | 43 | 470049 | 221.313 | ug/L | | 99 |
| 49) Dibromochloromethane | 11.128 | 129 | 607023 | 108.738 | ug/L | | 93 |
| 50) 1,2-Dibromoethane | 11.238 | 107 | 464277 | 104.242 | ug/L | | 99 |
| 51) Chlorobenzene | 11.658 | 112 | 1776729 | 100.662 | ug/L | | 98 |
| 52) Ethylbenzene | 11.731 | 91 | 3024881 | 104.451 | ug/L | | 99 |
| 53) m,p-Xylene | 11.835 | 106 | 1225280 | 107.049 | ug/L | | 97 |
| 54) o-Xylene | 12.164 | 106 | 1182985 | 111.172 | ug/L | | 92 |
| 55) Styrene | 12.177 | 104 | 2031015 | 110.227 | ug/L | | 98 |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83 | 545459 | 98.734 | ug/L | | 99 |
| 59) Bromoform | 12.347 | 173 | 347401 | 113.852 | ug/L | | 98 |
| 60) Isopropylbenzene | 12.463 | 105 | 3196964 | 106.670 | ug/L | | 99 |
| 61) 1,2,3-Trichloropropane | 12.768 | 75 | 379867 | 93.471 | ug/L | | 99 |
| 62) 1,3,5-Trimethylbenzene | 12.945 | 105 | 2713911 | 110.475 | ug/L | | 100 |
| 63) 1,2,4-Trimethylbenzene | 13.249 | 105 | 2641269 | 108.978 | ug/L | | 100 |
| 64) 1,3-Dichlorobenzene | 13.499 | 146 | 1425951 | 103.349 | ug/L | | 95 |
| 65) 1,4-Dichlorobenzene | 13.579 | 146 | 1383304 | 97.656 | ug/L | | 96 |
| 67) 1,2-Dichlorobenzene | 13.865 | 146 | 1286242 | 103.394 | ug/L | | 99 |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75 | 87677 | 93.961 | ug/L | # | 72 |
| 69) 1,3,5-Trichlorobenzene | 14.627 | 180 | 944333 | 104.488 | ug/L | | 98 |
| 70) 1,2,4-trichlorobenzene | 15.127 | 180 | 796976 | 114.275 | ug/L | | 94 |
| 71) Naphthalene | 15.359 | 128 | 1616362 | 122.162 | ug/L | | 99 |
| 72) 1,2,3-Trichlorobenzene | 15.548 | 180 | 682094 | 113.137 | ug/L | | 98 |

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

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