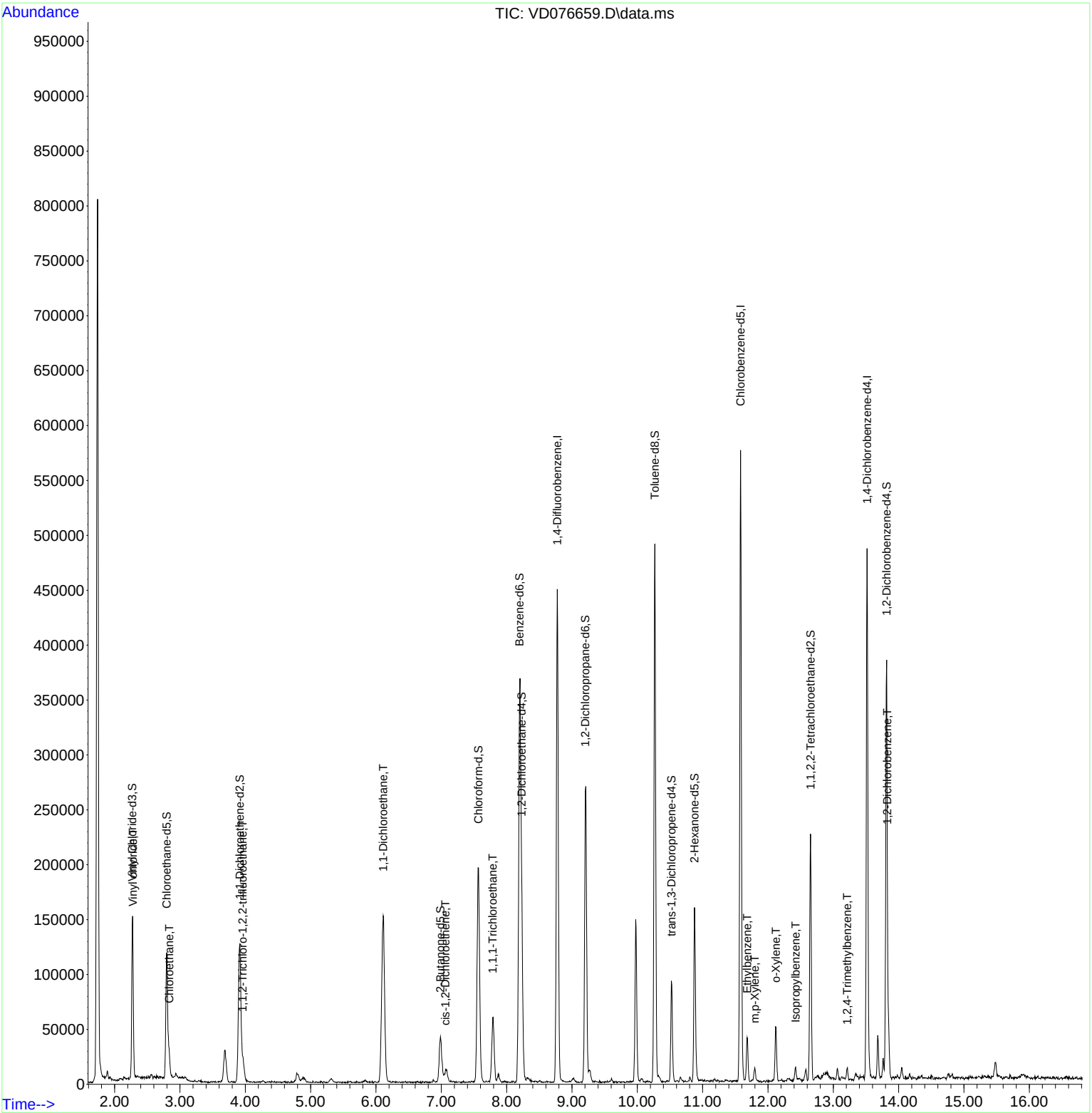
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076659.D
Acq On : 30 Jun 2023 13:41
Operator : KP/SY
Sample : 03472-14
Misc : 5.60G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 03 01:30:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_D
**ClientSampleId :**
A46S7

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076659.D
Acq On : 30 Jun 2023 13:41
Operator : KP/SY
Sample : 03472-14
Misc : 5.60G/10.0ml/MSVOA_D/SOIL
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Quant Time: Jul 03 01:30:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_D
**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

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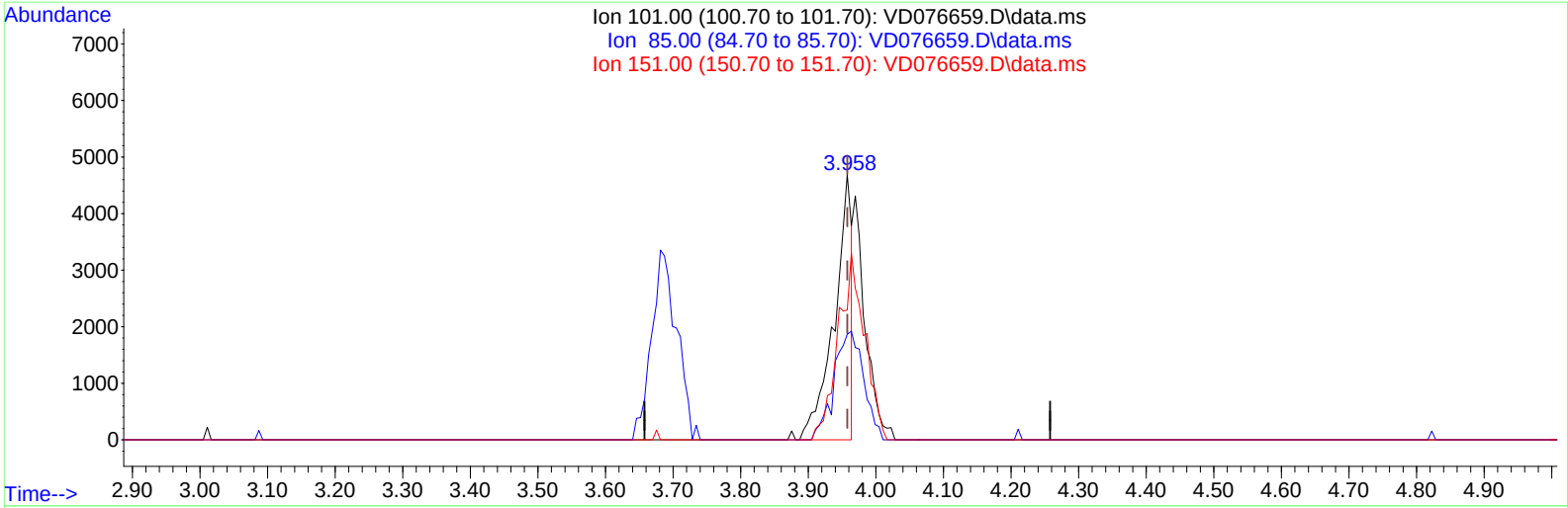
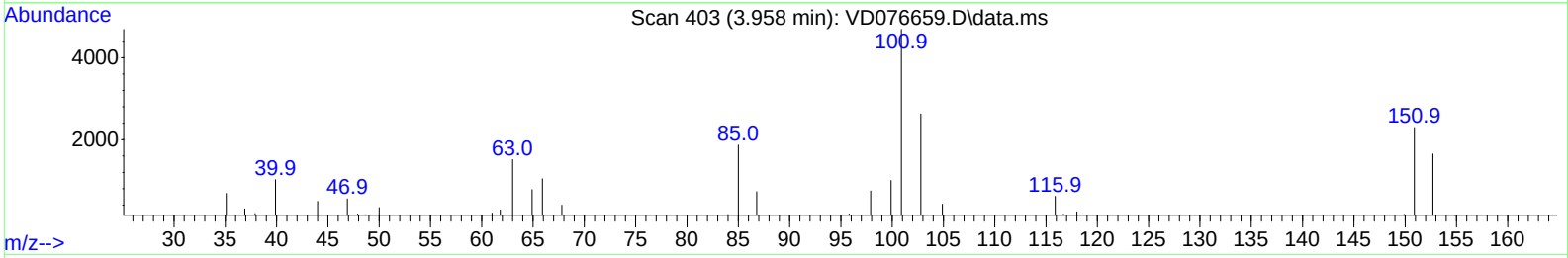
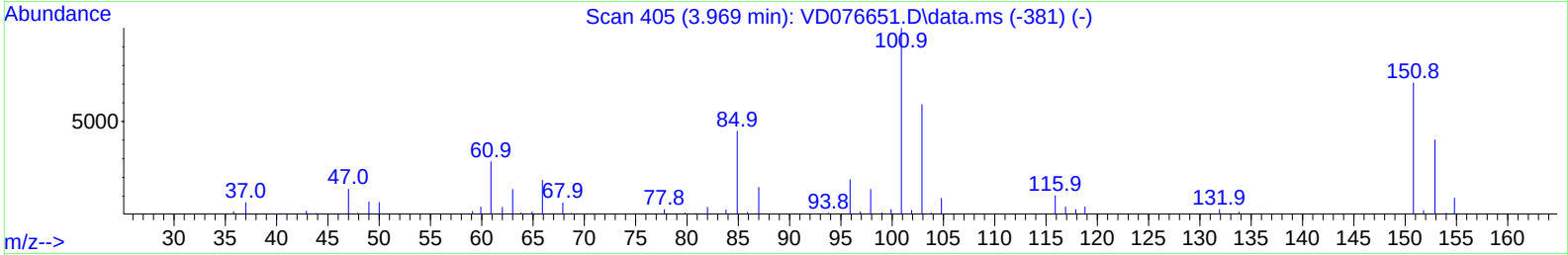



TIC: VD076659.D\data.ms

**(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)**

**3.958min ( 0.000) 1.64 ug/L**

**response 8377**

| Ion | Exp% | Act% |
|---|---|---|
| 101.00 | 100.00 | 100.00 |
| 85.00 | 44.40 | 61.41# |
| 151.00 | 73.20 | 71.18 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

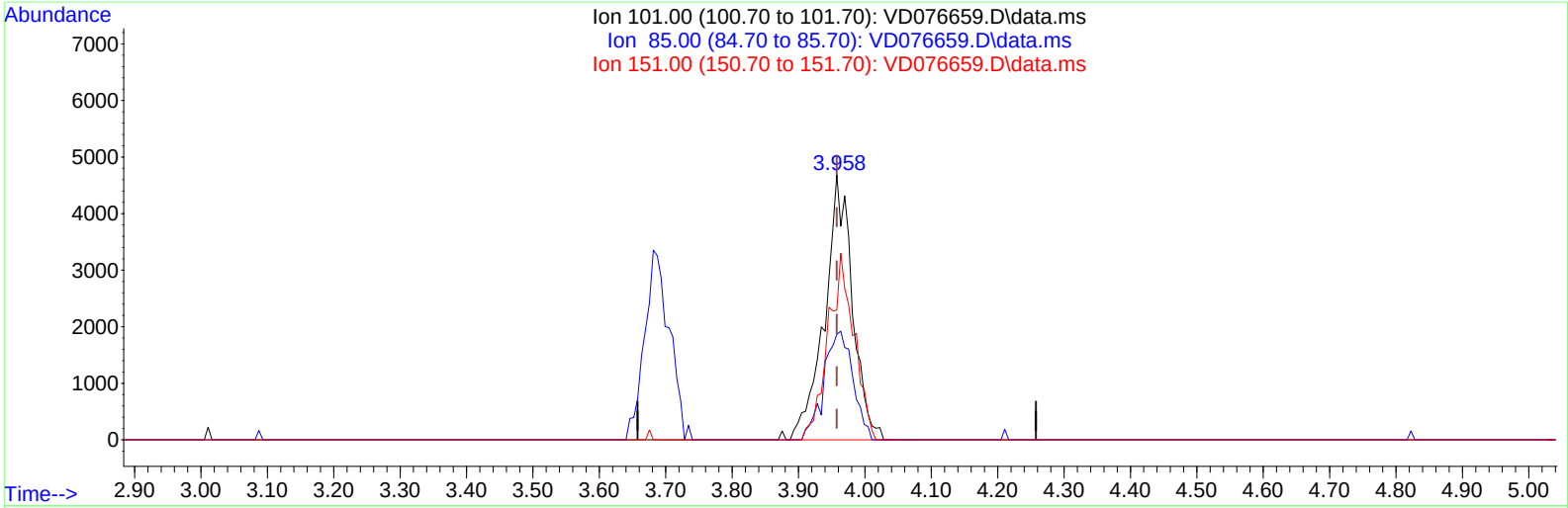
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076659.D
Acq On : 30 Jun 2023 13:41
Operator : KP/SY
Sample : 03472-14
Misc : 5.60G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

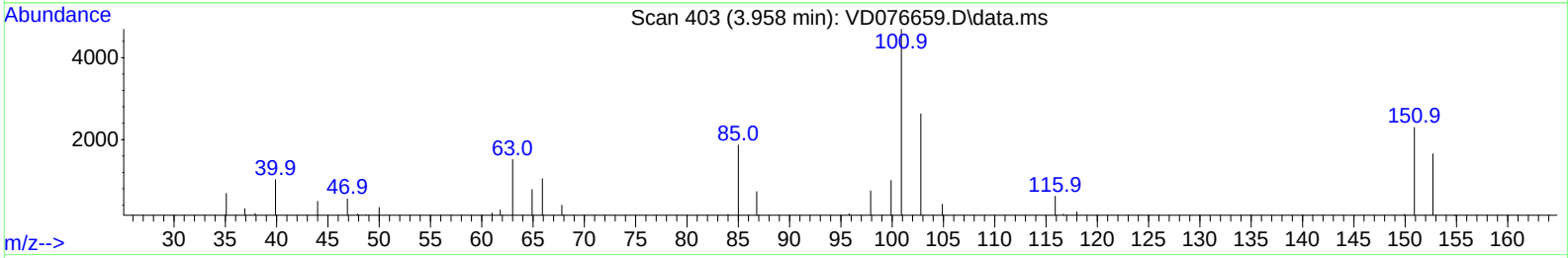
Quant Time: Jul 03 01:30:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

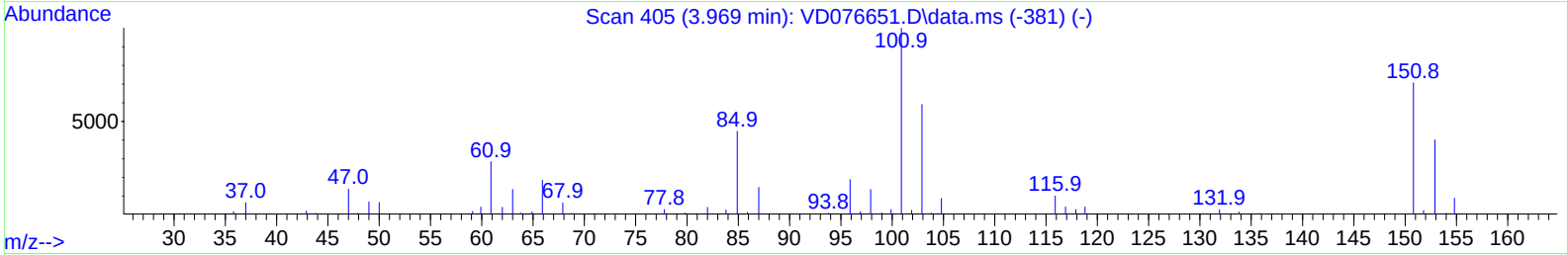
**Instrument :**
MSVOA_D
**ClientSampleId :**
A46S7

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023




TIC: VD076659.D\data.ms

**(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)**

**3.958min ( 0.000) 2.68 ug/L m**

**response 13671**

| Ion | Exp% | Act% |
|---|---|---|
| 101.00 | 100.00 | 100.00 |
| 85.00 | 44.40 | 37.63 |
| 151.00 | 73.20 | 43.62# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

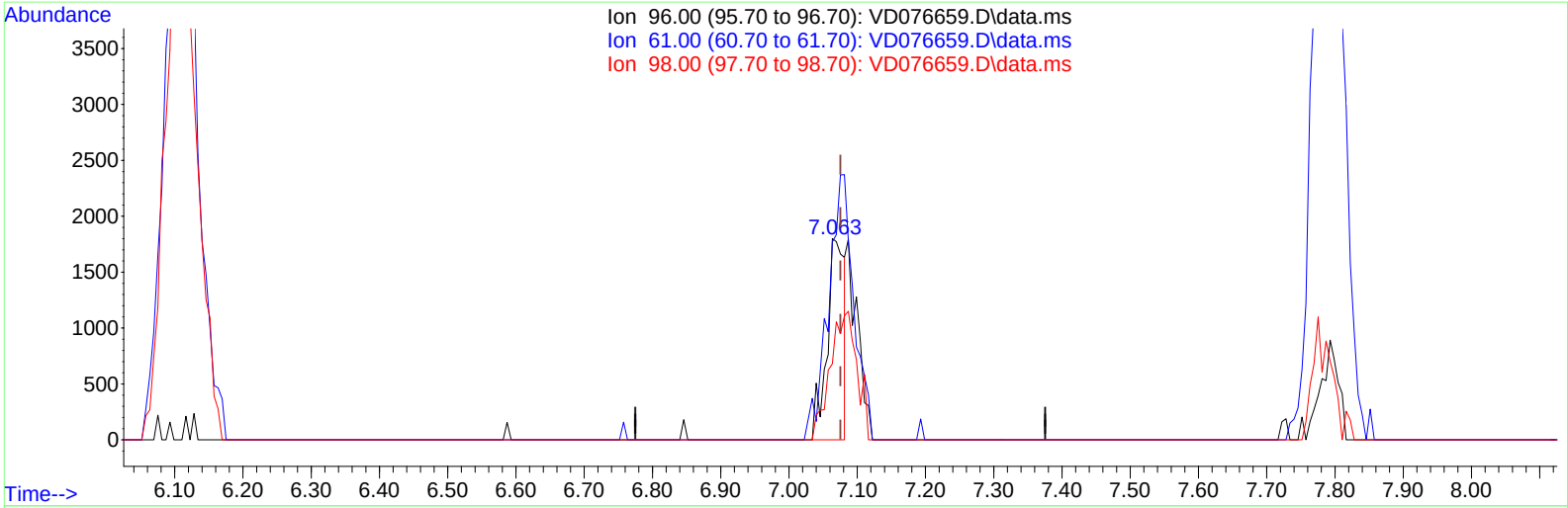
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076659.D
Acq On : 30 Jun 2023 13:41
Operator : KP/SY
Sample : 03472-14
Misc : 5.60G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

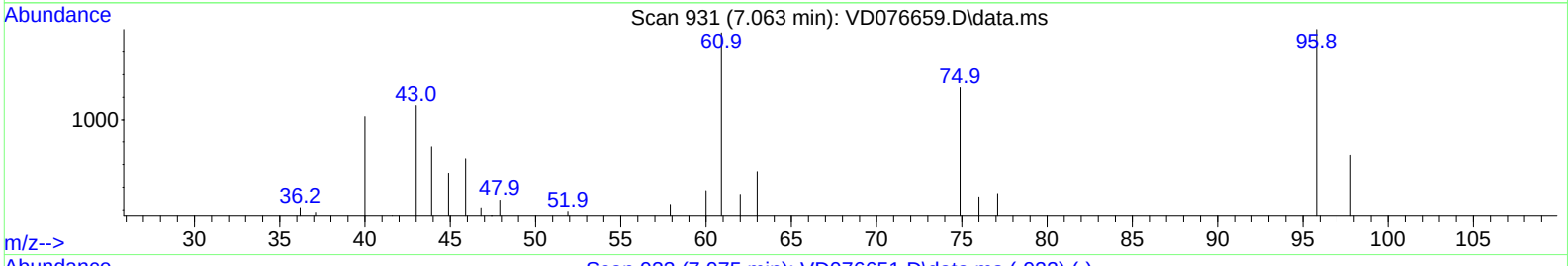
Quant Time: Jul 03 01:30:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

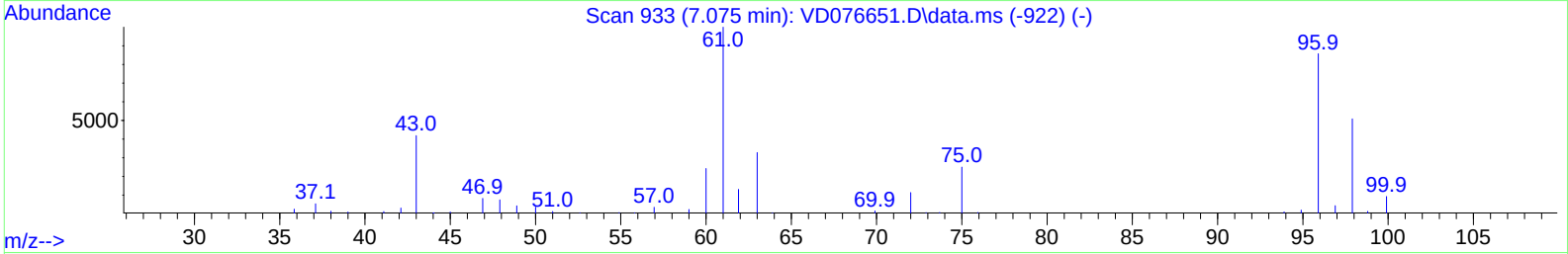
**Instrument :**
MSVOA_D
**ClientSampleId :**
A46S7

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023




TIC: VD076659.D\data.ms

**(20) cis-1,2-Dichloroethene (T)**

**7.063min (-0.012) 0.50 ug/L**

**response 3168**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 122.80 | 98.39 |
| 98.00 | 60.30 | 37.83# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

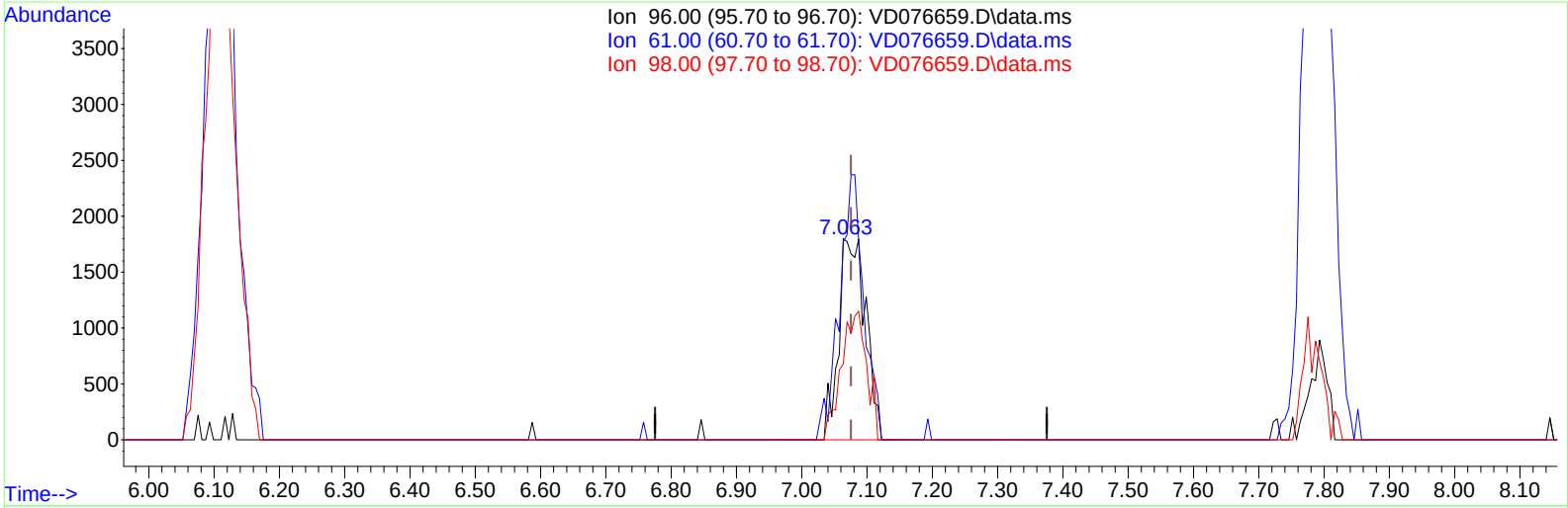
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076659.D
Acq On : 30 Jun 2023 13:41
Operator : KP/SY
Sample : 03472-14
Misc : 5.60G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

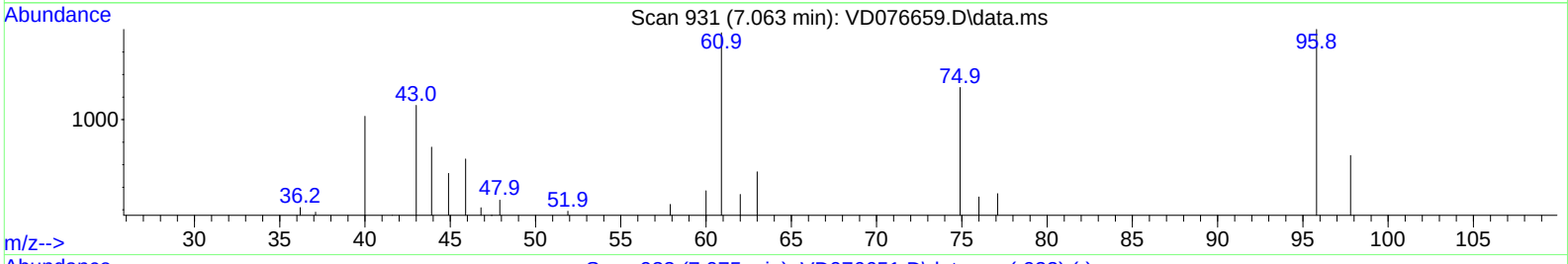
Quant Time: Jul 03 01:30:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

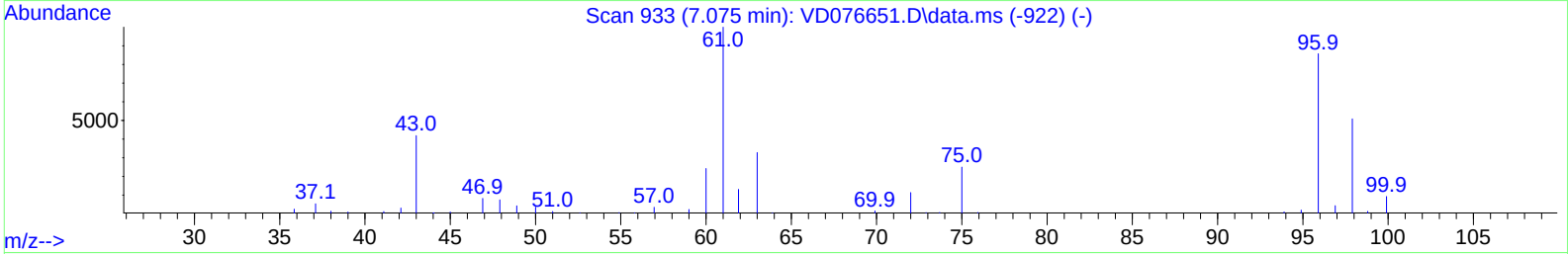
**Instrument :**
MSVOA_D
**ClientSampleId :**
A46S7

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023




TIC: VD076659.D\data.ms

**(20) cis-1,2-Dichloroethene (T)**

**7.063min (-0.012) 0.82 ug/L m**

**response 5151**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 122.80 | 98.39 |
| 98.00 | 60.30 | 37.83# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076659.D
Acq On : 30 Jun 2023 13:41
Operator : KP/SY
Sample : 03472-14
Misc : 5.60G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
A46S7

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

Quant Time: Jul 03 01:30:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.775 | 114 | 389221 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.581 | 117 | 312807 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.516 | 152 | 124153 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.270 | 65 | 109955 | 11.600 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 46.400% | | | |
| 7) Chloroethane-d5 | 2.799 | 69 | 112127 | 14.630 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 58.520% | | | |
| 11) 1,1-Dichloroethene-d2 | 3.917 | 65 | 37336 | 15.090 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 60.360% | | | |
| 21) 2-Butanone-d5 | 6.987 | 46 | 71719 | 49.960 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 99.920% | | | |
| 24) Chloroform-d | 7.569 | 84 | 202884 | 19.785 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 79.160% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.228 | 65 | 112428 | 22.224 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 88.880% | | | |
| 32) Benzene-d6 | 8.199 | 84 | 372351 | 19.459 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 77.840% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.205 | 67 | 131706 | 21.563 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 86.240% | | | |
| 41) Toluene-d8 | 10.269 | 98 | 321148 | 18.126 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 72.520% | | | |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79 | 50157 | 19.743 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 78.960% | | | |
| 47) 2-Hexanone-d5 | 10.875 | 63 | 54658 | 57.649 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 115.300% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84 | 111329 | 25.620 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 102.480% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.816 | 152 | 94781 | 20.828 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 83.320% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 2.281 | 62 | 34828 | 3.202 | ug/L | 90 |
| 8) Chloroethane | 2.834 | 64 | 19883 | 2.984 | ug/L | 92 |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.958 | 101 | 13671m | 2.680 | ug/L | |
| 19) 1,1-Dichloroethane | 6.111 | 63 | 218668 | 21.238 | ug/L | 97 |
| 20) cis-1,2-Dichloroethene | 7.063 | 96 | 5151m | 0.819 | ug/L | |
| 30) 1,1,1-Trichloroethane | 7.787 | 97 | 46465 | 6.394 | ug/L | 99 |
| 52) Ethylbenzene | 11.681 | 91 | 28224 | 1.184 | ug/L | 91 |
| 53) m,p-Xylene | 11.799 | 106 | 3527 | 0.376 | ug/L | 97 |
| 54) o-Xylene | 12.122 | 106 | 13428 | 1.505 | ug/L | 97 |
| 60) Isopropylbenzene | 12.422 | 105 | 6521 | 0.343 | ug/L # | 90 |
| 63) 1,2,4-Trimethylbenzene | 13.210 | 105 | 5314 | 0.354 | ug/L | 99 |
| 67) 1,2-Dichlorobenzene | 13.828 | 146 | 6401 | 0.850 | ug/L # | 74 |

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