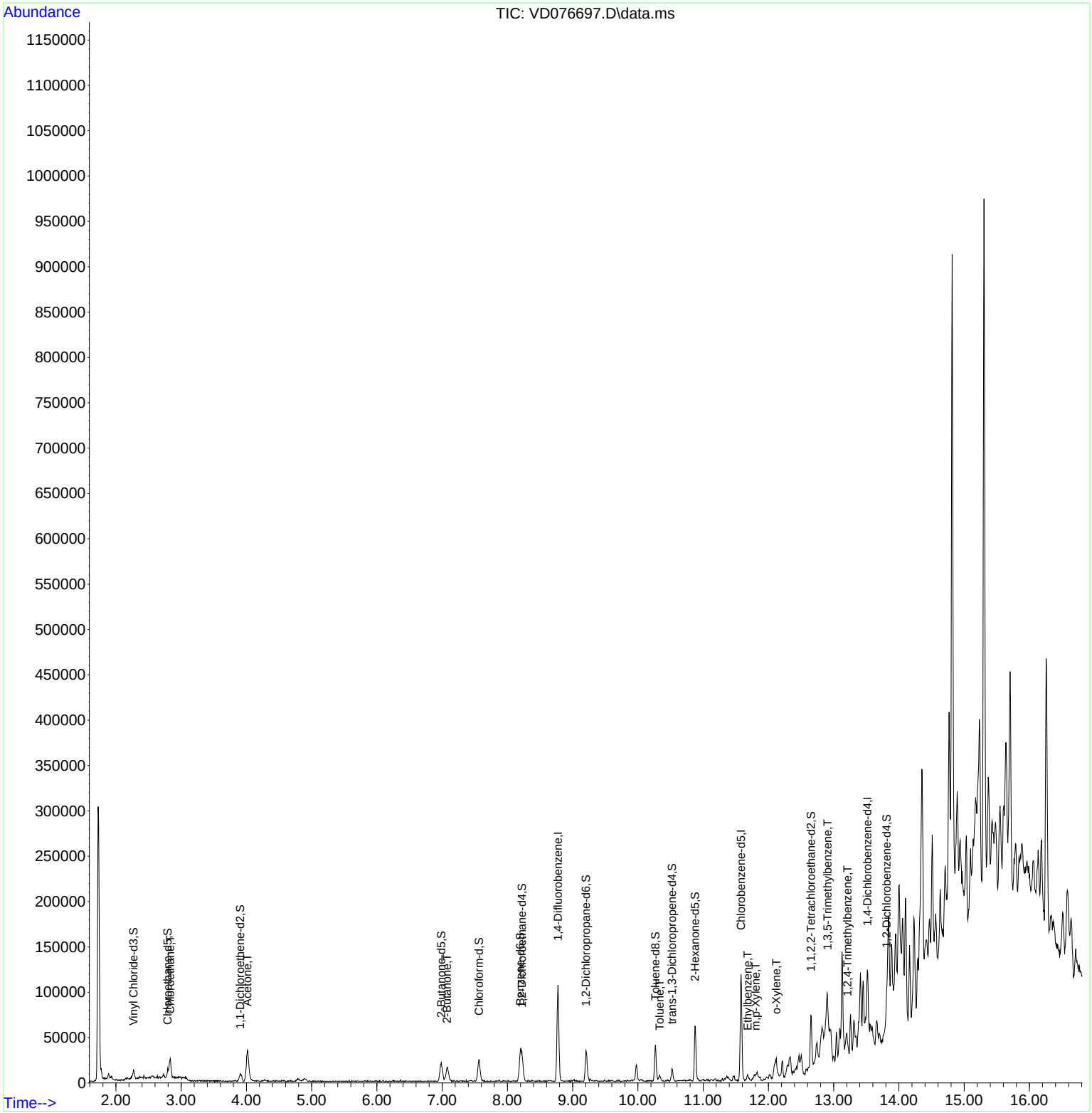
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076697.D
Acq On : 03 Jul 2023 17:22
Operator : KP/SY
Sample : 03444-15RE
Misc : 5.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 04 01:11:37 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 :**
A46W0RE

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/07/2023



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
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**Instrument :**
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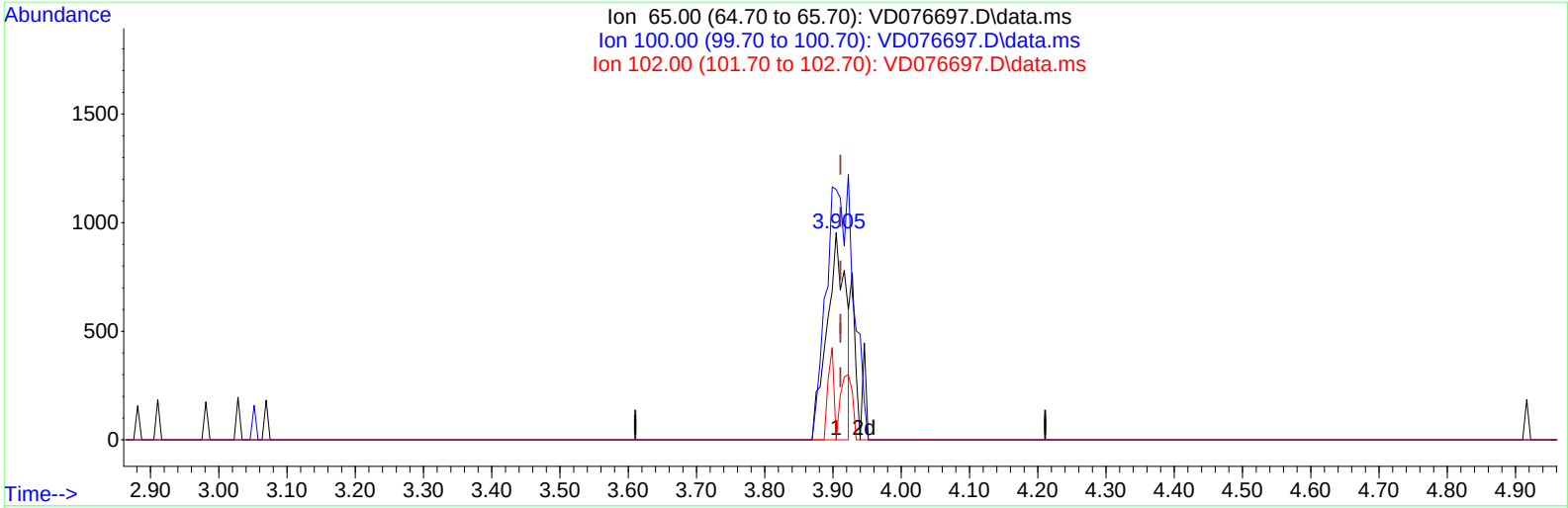


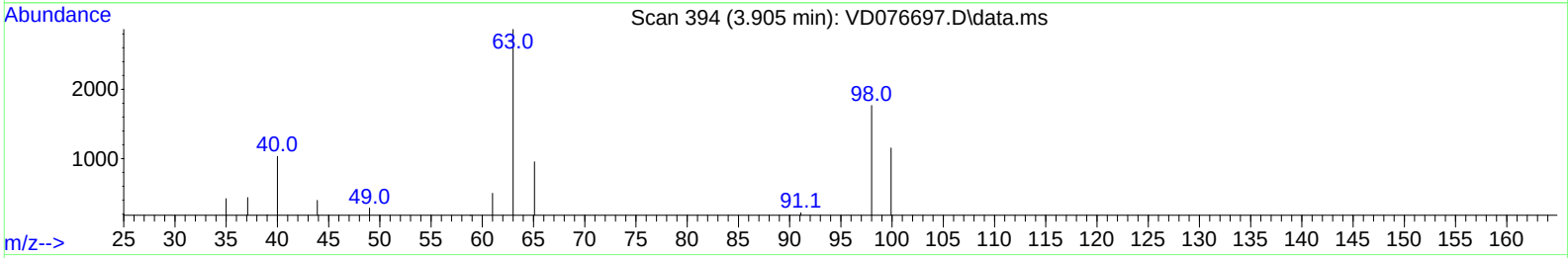


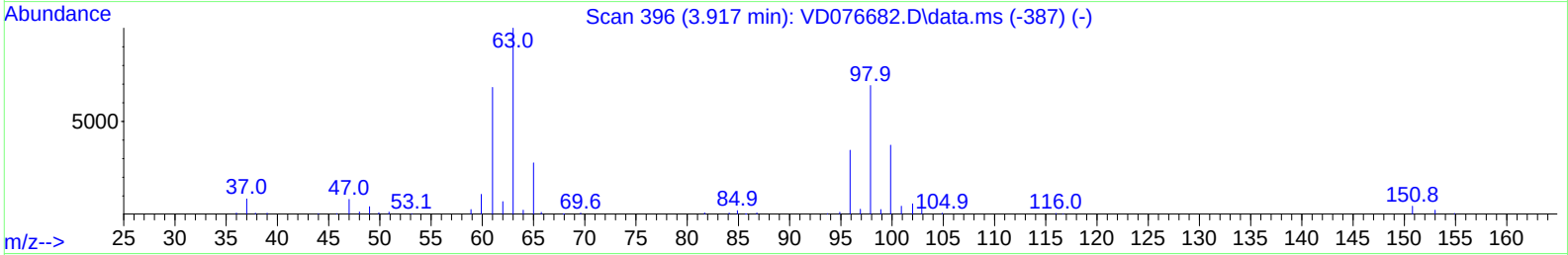


TIC: VD076697.D\data.ms

**(11) 1,1-Dichloroethene-d2 (S)**

**3.905min (-0.006) 3.16 ug/L**

**response 1819**

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100.00 | 100.00 |
| 100.00 | 143.00 | 120.62 |
| 102.00 | 21.10 | 13.63# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076697.D
Acq On : 03 Jul 2023 17:22
Operator : KP/SY
Sample : 03444-15RE
Misc : 5.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 04 01:11:37 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 :**
A46W0RE

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/05/2023
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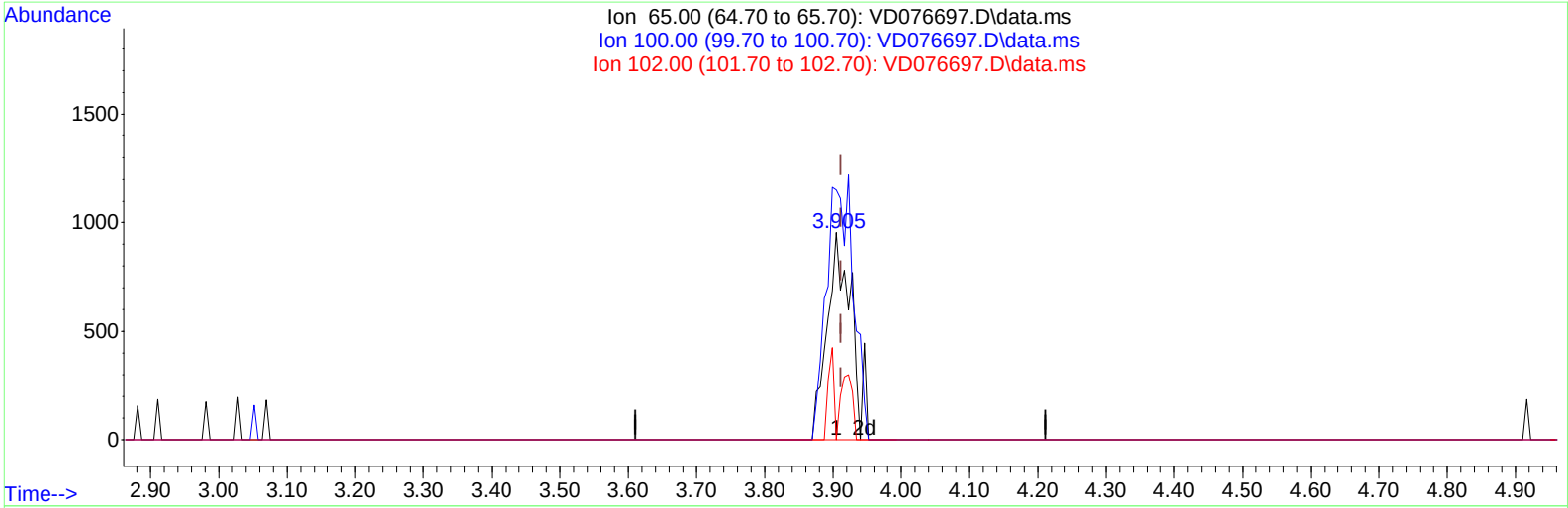
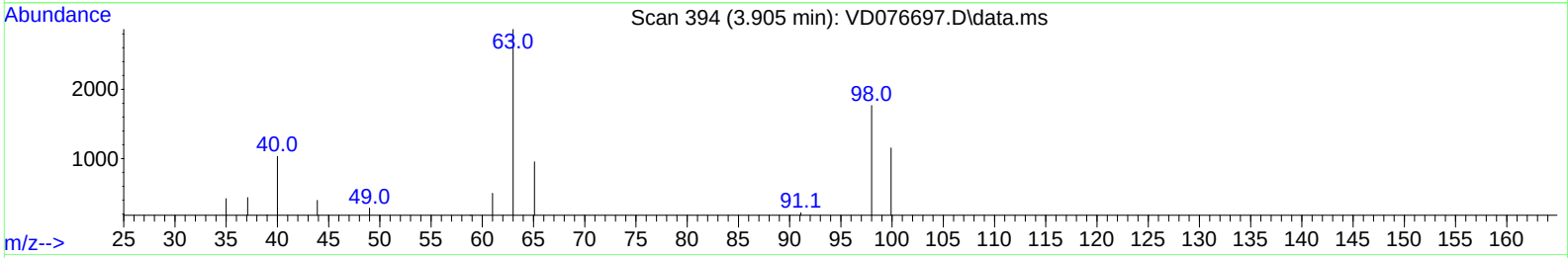
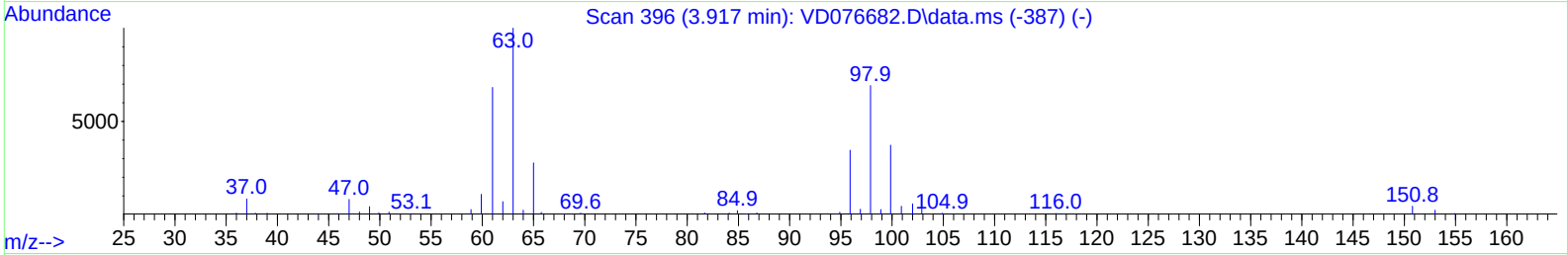



TIC: VD076697.D\data.ms

**(11) 1,1-Dichloroethene-d2 (S)**

**3.905min (-0.006) 4.09 ug/L m**

**response 2355**

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100.00 | 100.00 |
| 100.00 | 143.00 | 93.16# |
| 102.00 | 21.10 | 10.53# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

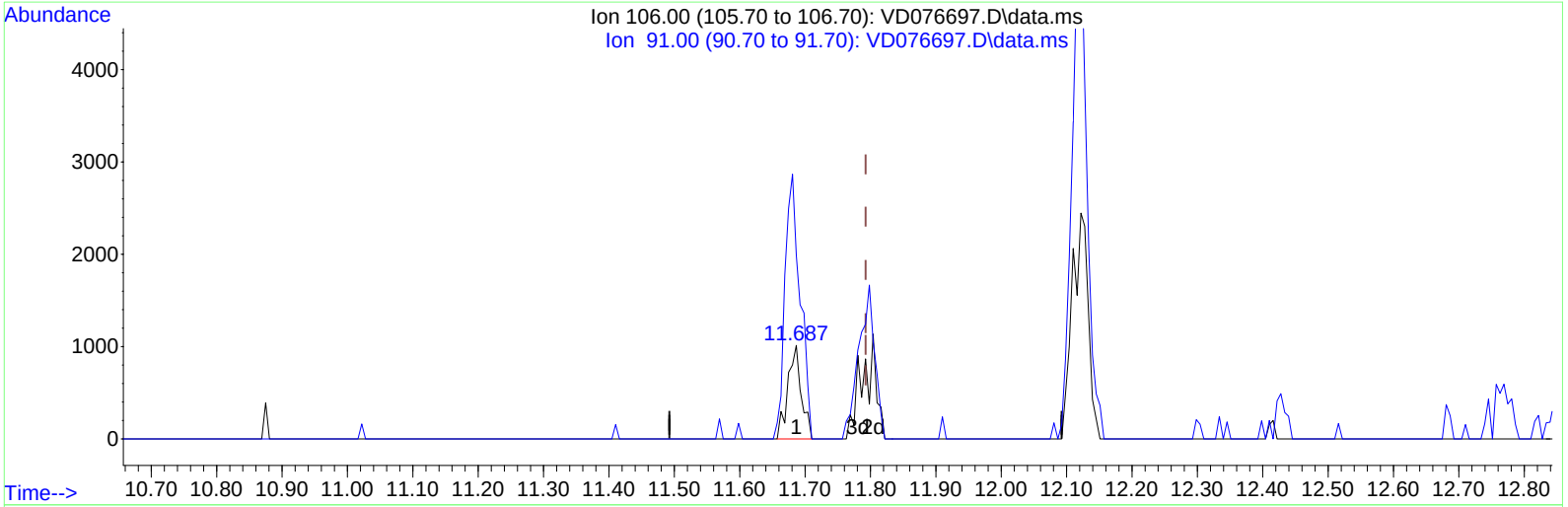
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076697.D
Acq On : 03 Jul 2023 17:22
Operator : KP/SY
Sample : 03444-15RE
Misc : 5.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

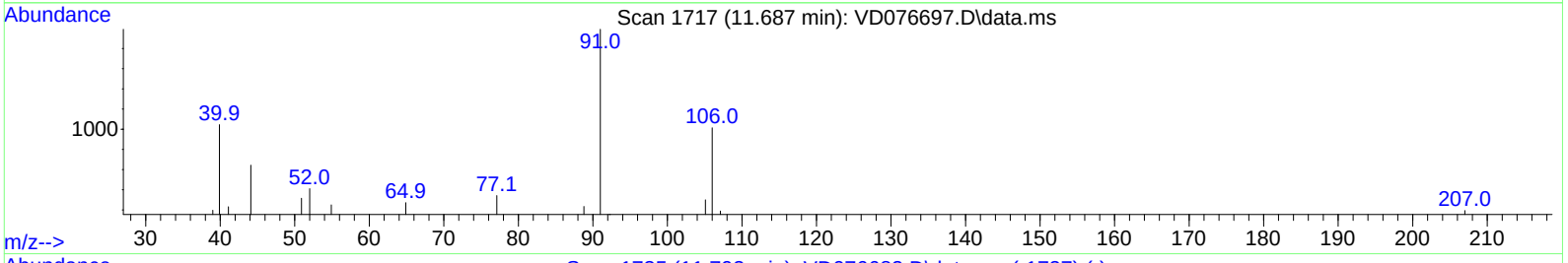
Quant Time: Jul 04 01:11:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

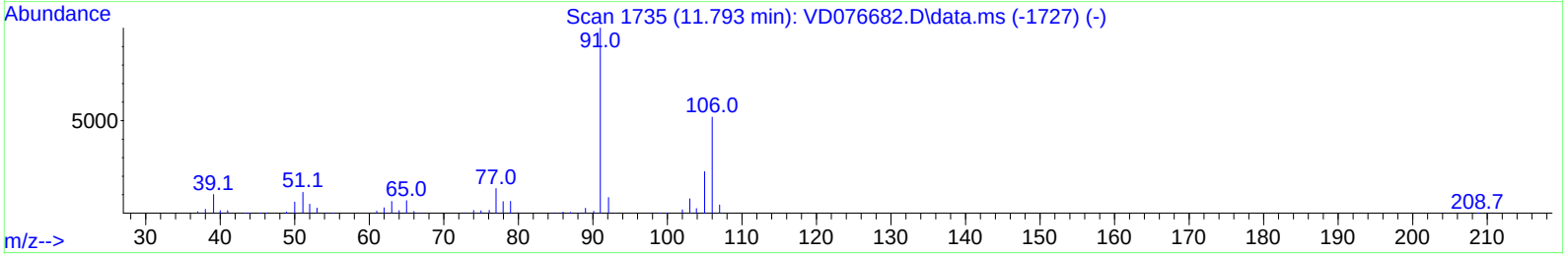
**Instrument :**
MSVOA_D
**ClientSampleId :**
A46W0RE

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/07/2023




TIC: VD076697.D\data.ms

**(53) m,p-Xylene (T)**

**11.687min (-0.106) 0.75 ug/L**

**response 1450**

| Ion | Exp% | Act% |
|---|---|---|
| 106.00 | 100.00 | 100.00 |
| 91.00 | 202.20 | 196.35 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

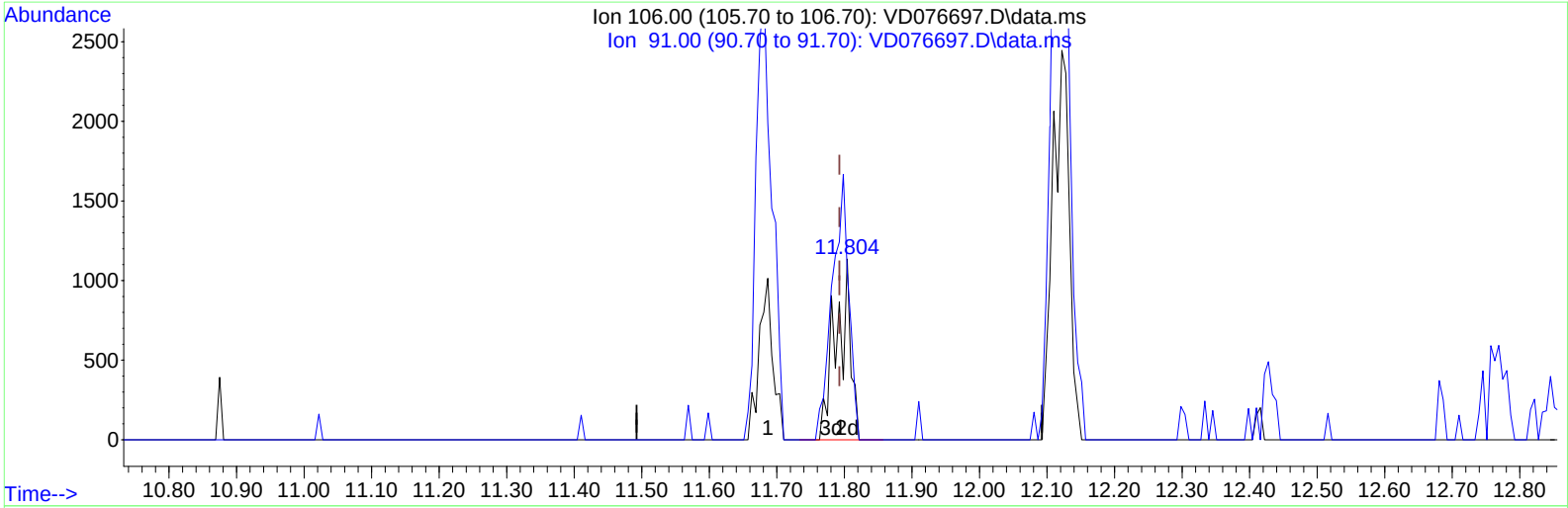
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076697.D
Acq On : 03 Jul 2023 17:22
Operator : KP/SY
Sample : 03444-15RE
Misc : 5.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

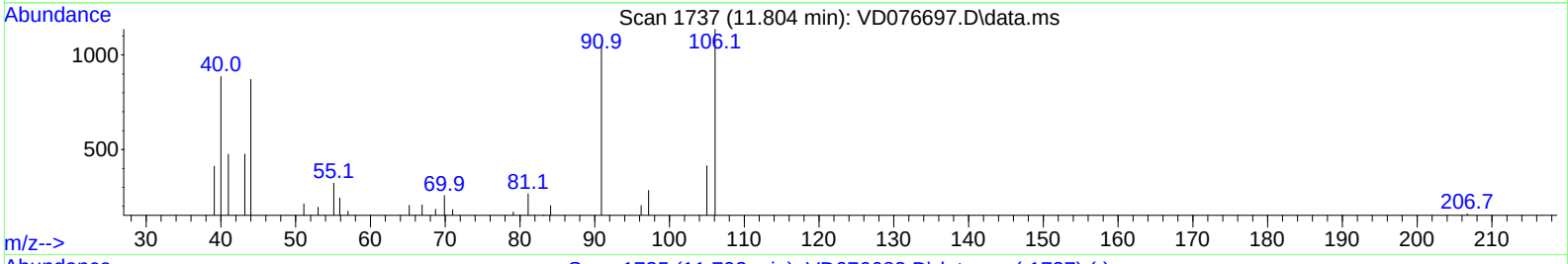
Quant Time: Jul 04 01:11:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

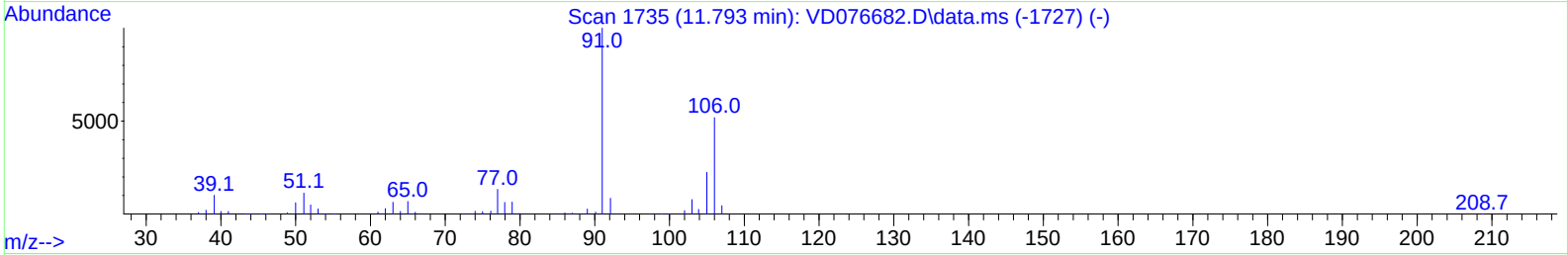
**Instrument :**
MSVOA_D
**ClientSampleId :**
A46W0RE

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/07/2023




TIC: VD076697.D\data.ms

**(53) m,p-Xylene (T)**

**11.804min (+ 0.012) 0.89 ug/L m**

**response 1723**

| Ion | Exp% | Act% |
|---|---|---|
| 106.00 | 100.00 | 100.00 |
| 91.00 | 202.20 | 93.04# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076697.D
Acq On : 03 Jul 2023 17:22
Operator : KP/SY
Sample : 03444-15RE
Misc : 5.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
A46W0RE

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/07/2023

Quant Time: Jul 04 01:11:37 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 | 90588 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.581 | 117 | 64880 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.516 | 152 | 20349 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.269 | 65 | 6634 | 3.007 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 12.040%# | | | |
| 7) Chloroethane-d5 | 2.793 | 69 | 8361 | 4.687 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 18.760%# | | | |
| 11) 1,1-Dichloroethene-d2 | 3.905 | 65 | 2355m | 4.090 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 16.360%# | | | |
| 21) 2-Butanone-d5 | 6.987 | 46 | 34683 | 103.808 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 207.620%# | | | |
| 24) Chloroform-d | 7.563 | 84 | 23435 | 9.819 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 39.280%# | | | |
| 26) 1,2-Dichloroethane-d4 | 8.222 | 65 | 16450 | 13.972 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 55.880%# | | | |
| 32) Benzene-d6 | 8.199 | 84 | 33733 | 8.499 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 34.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.204 | 67 | 15495 | 12.231 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 48.920%# | | | |
| 41) Toluene-d8 | 10.269 | 98 | 24410 | 6.642 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 26.560%# | | | |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79 | 7437 | 14.114 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 56.440% | | | |
| 47) 2-Hexanone-d5 | 10.875 | 63 | 20630 | 104.907 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 209.820%# | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84 | 29875 | 33.147 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 132.600%# | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.810 | 152 | 9875 | 13.239 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 52.960%# | | | |
| Target Compounds | | | | | | Qvalue |
| 8) Chloroethane | 2.834 | 64 | 16014 | 10.327 | ug/L # | 79 |
| 13) Acetone | 4.016 | 43 | 59652 | 221.053 | ug/L | 92 |
| 22) 2-Butanone | 7.075 | 43 | 26111 | 59.958 | ug/L | 97 |
| 42) Toluene | 10.334 | 91 | 5145 | 1.121 | ug/L | 82 |
| 52) Ethylbenzene | 11.681 | 91 | 4648 | 0.940 | ug/L | 93 |
| 53) m,p-Xylene | 11.804 | 106 | 1723m | 0.886 | ug/L | |
| 54) o-Xylene | 12.122 | 106 | 4176 | 2.256 | ug/L | 80 |
| 62) 1,3,5-Trimethylbenzene | 12.904 | 105 | 1836 | 0.737 | ug/L | 89 |
| 63) 1,2,4-Trimethylbenzene | 13.210 | 105 | 7066 | 2.875 | ug/L | 87 |

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