

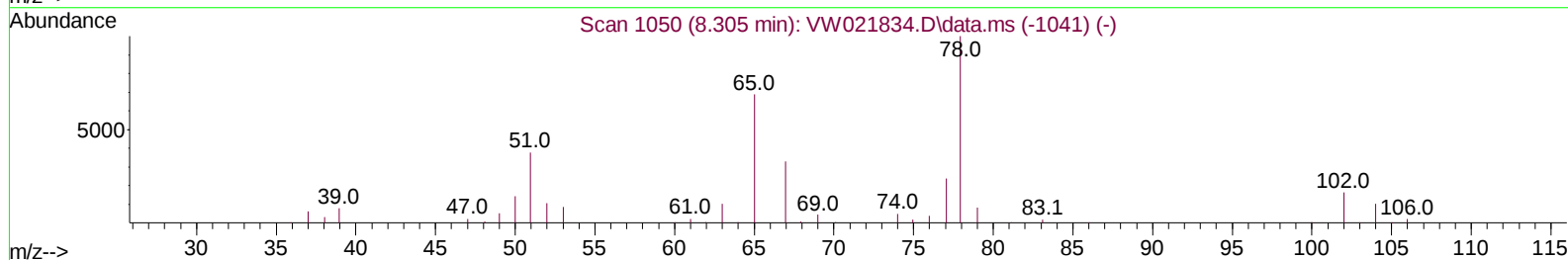
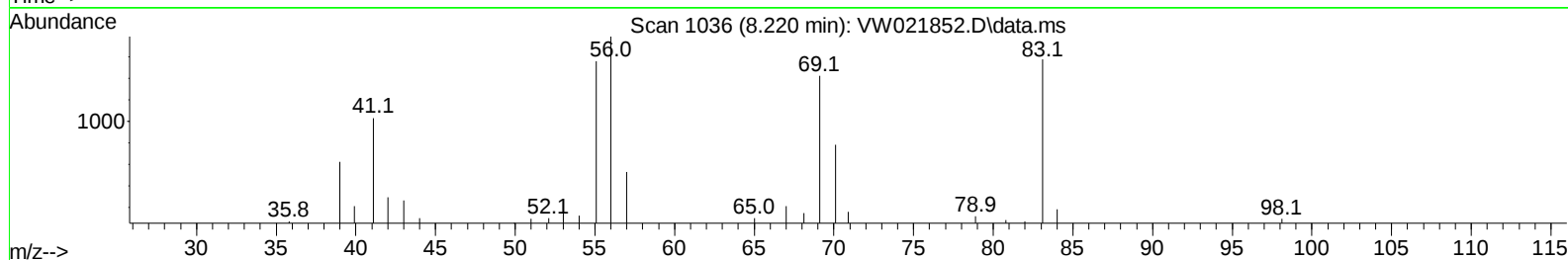
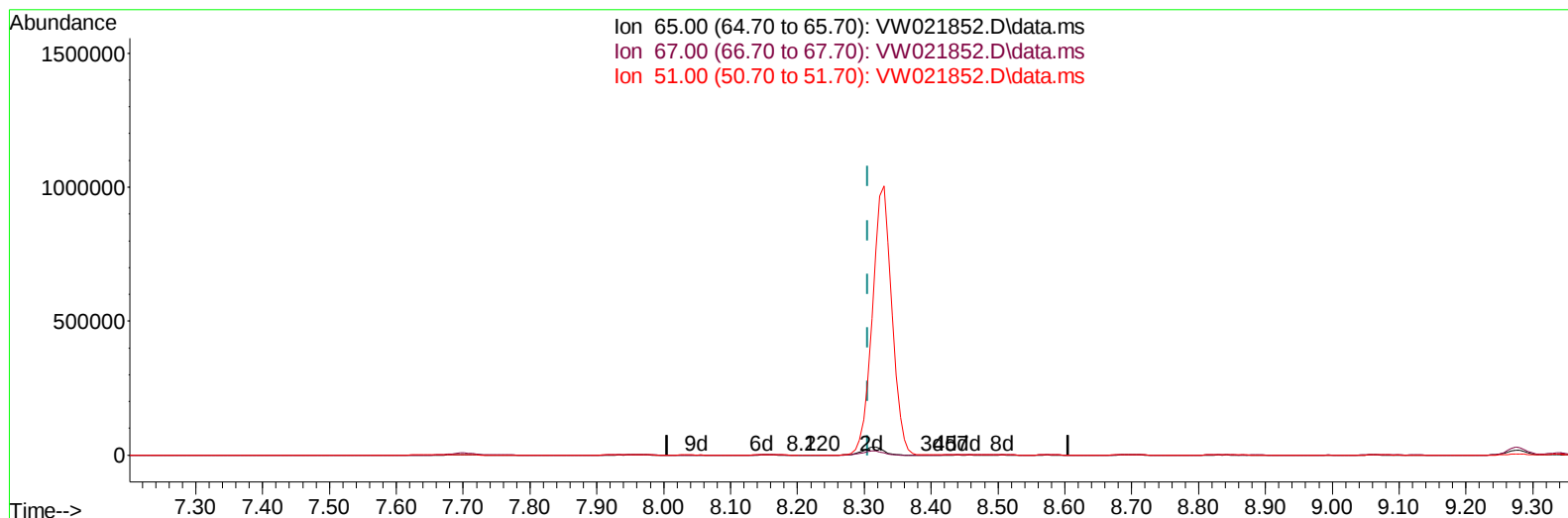
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.220min (-0.086) 0.04 ug/L

response 122

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.10  | 65.57  |
| 51.00 | 111.40 | 112.30 |
| 0.00  | 0.00   | 0.00   |

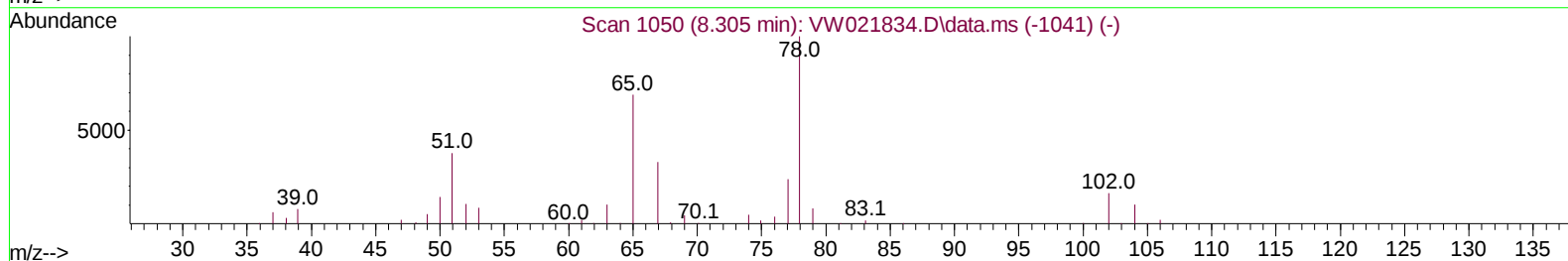
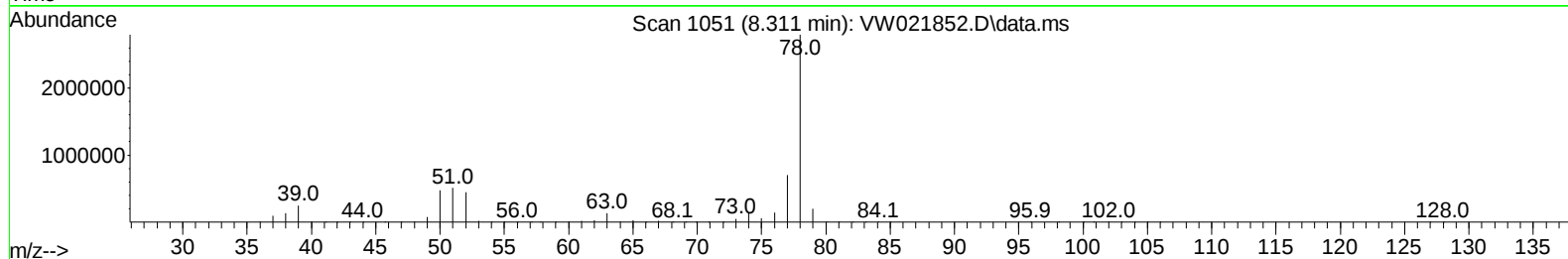
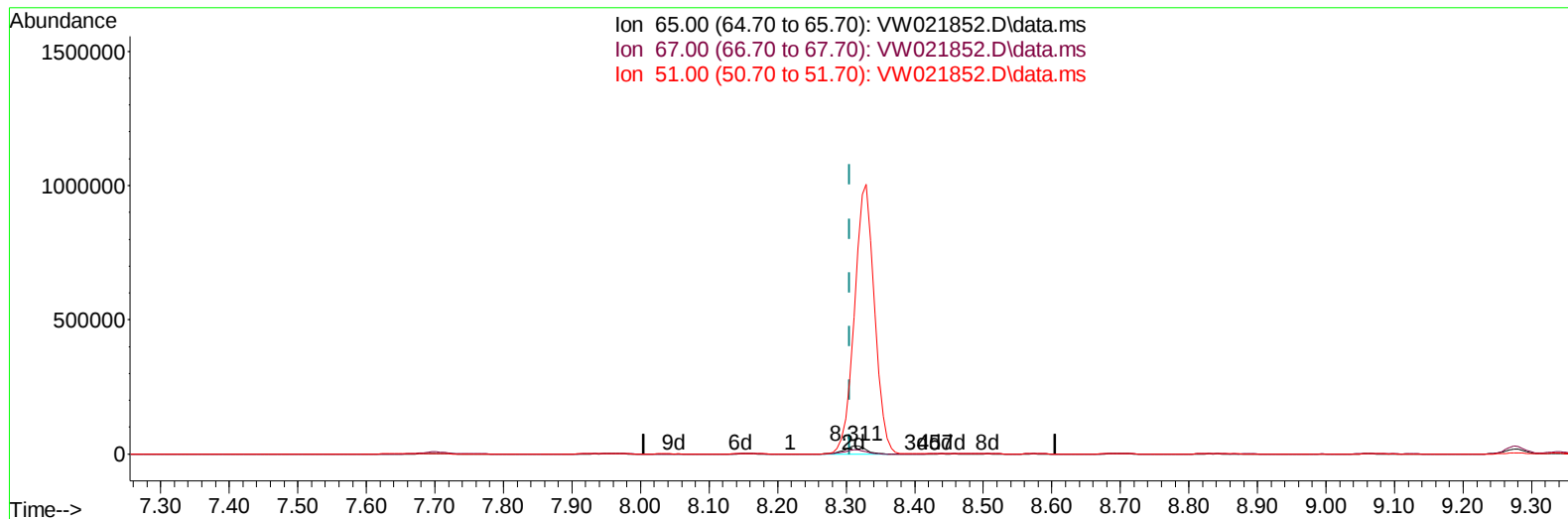
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.311min (+ 0.006) 20.77 ug/L m

response 63736

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.10  | 0.13#  |
| 51.00 | 111.40 | 0.21#  |
| 0.00  | 0.00   | 0.00   |

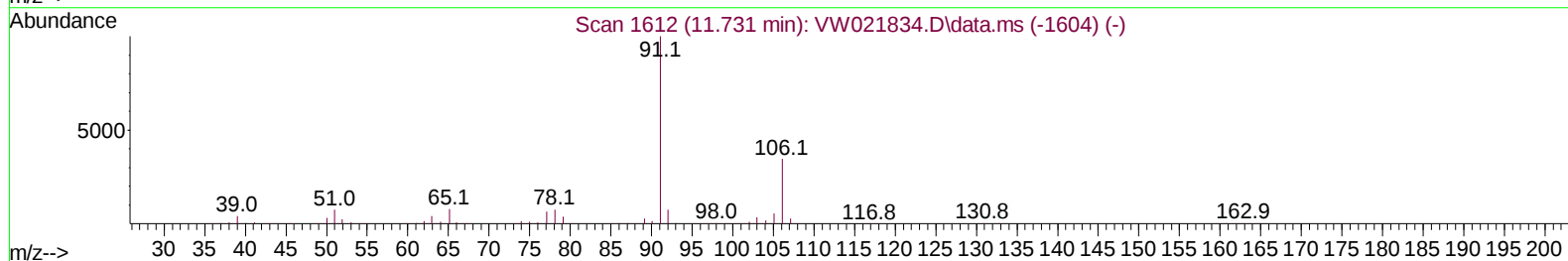
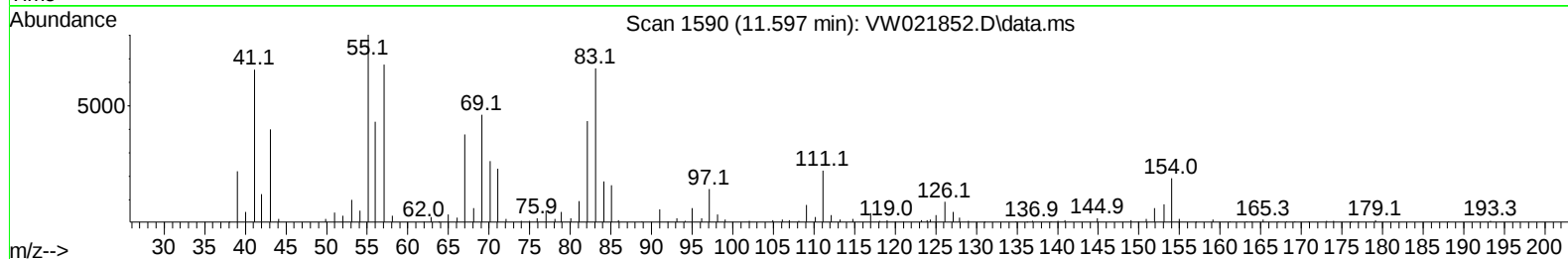
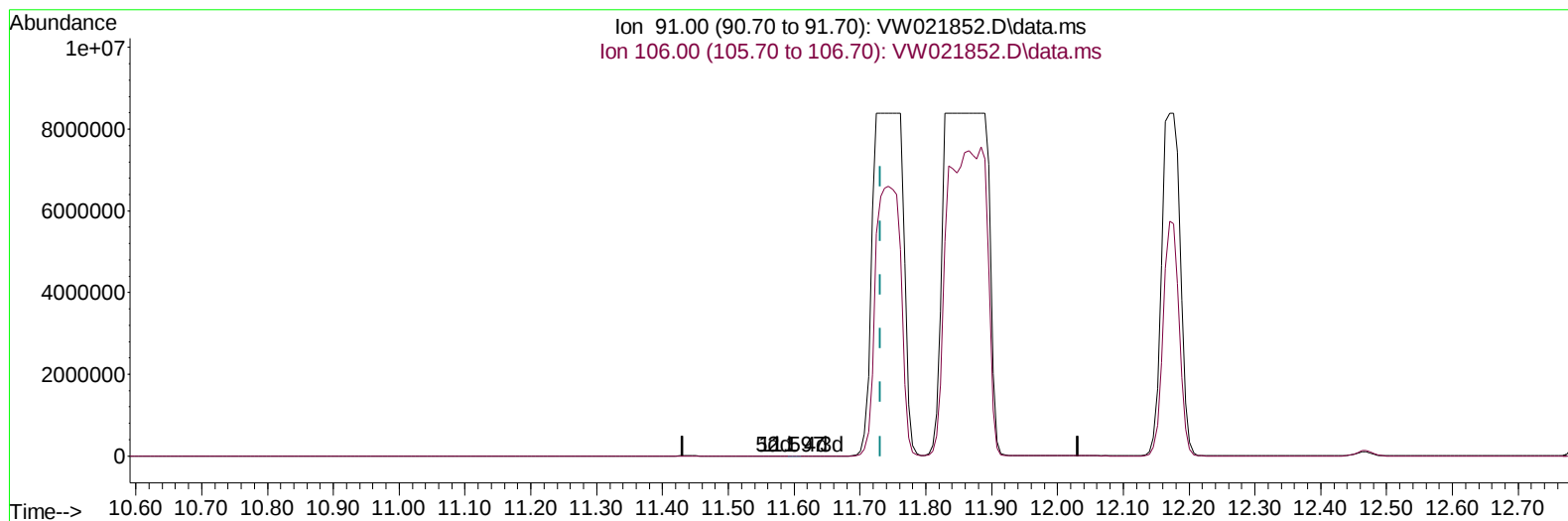
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

**(52) Ethylbenzene (T)**

**11.597min (-0.134) 0.02 ug/L**

**response 149**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 91.00  | 100.00 | 100.00 |
| 106.00 | 30.70  | 25.88  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

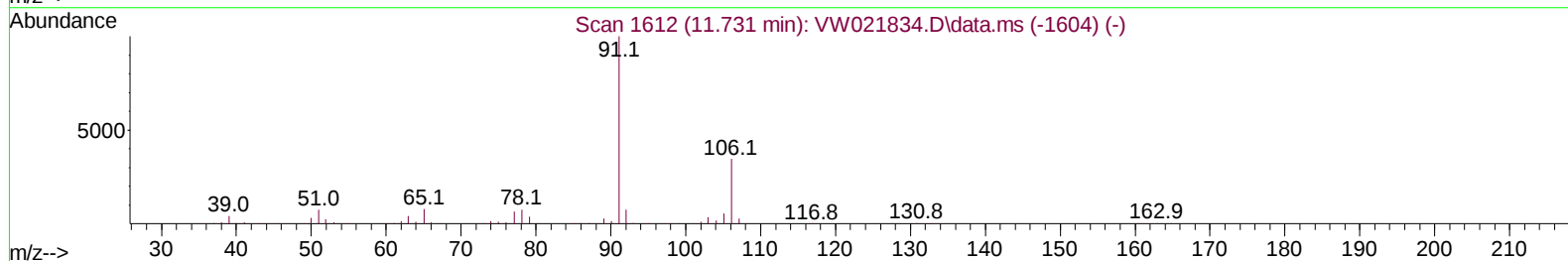
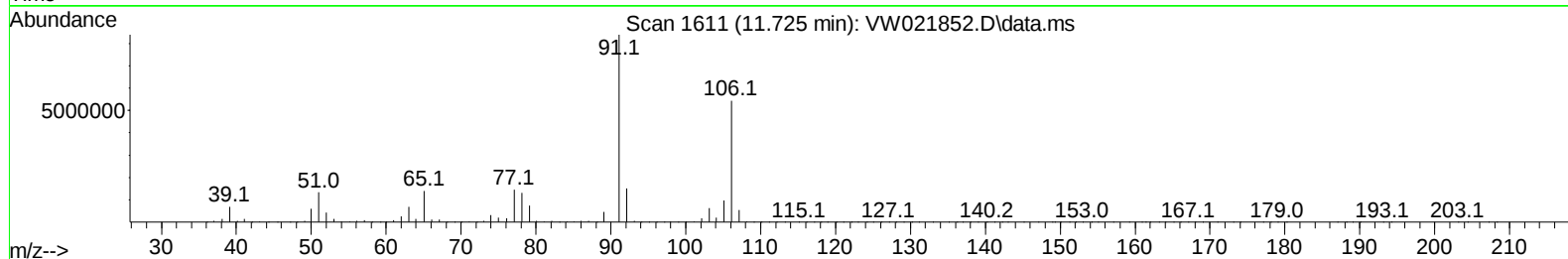
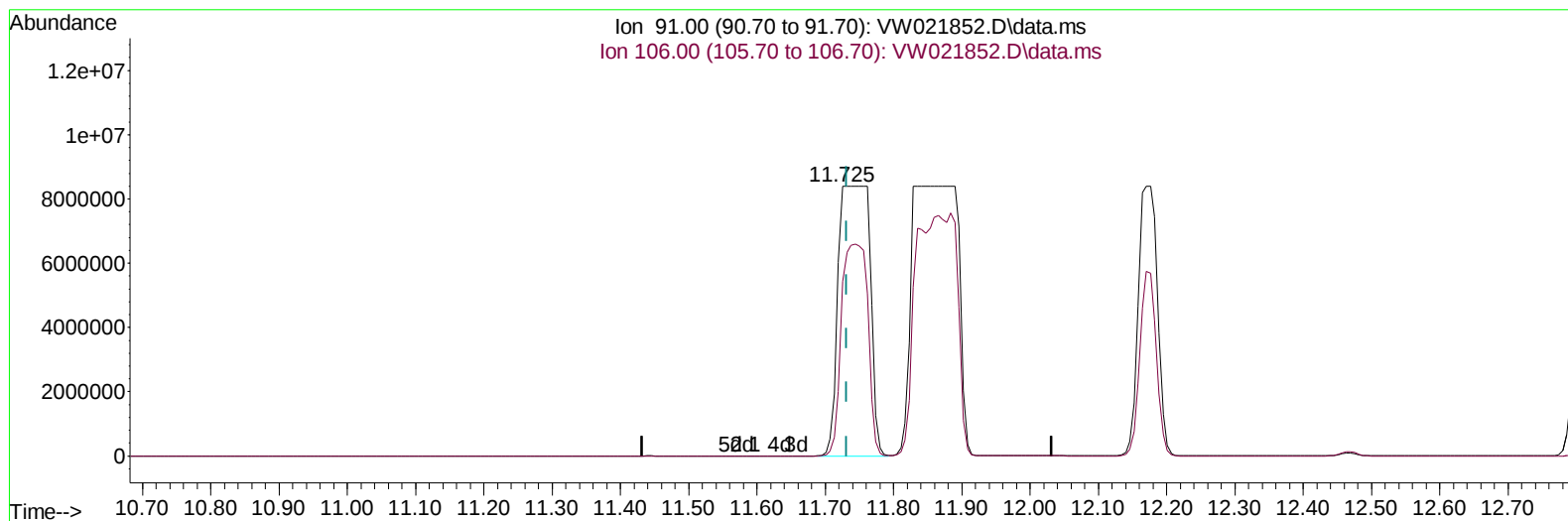
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

**(52) Ethylbenzene (T)**

**11.725min (-0.006) 3097.48 ug/L m**

**response 26920324**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 91.00  | 100.00 | 100.00 |
| 106.00 | 30.70  | 64.77# |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

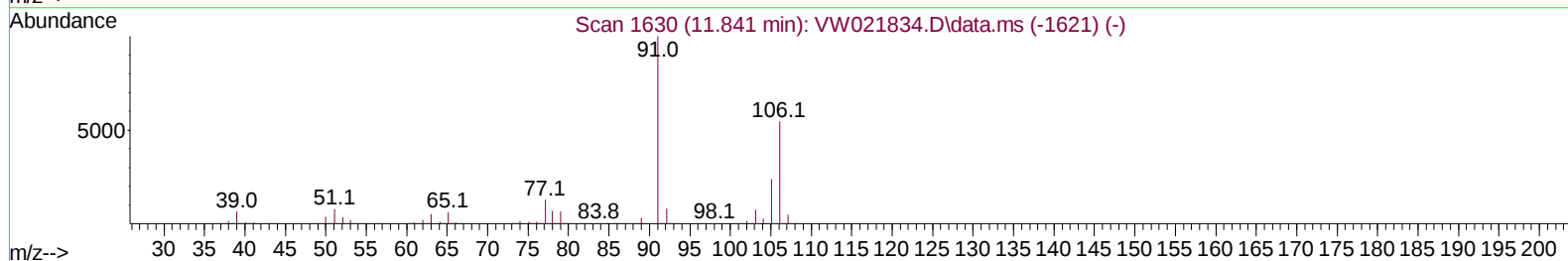
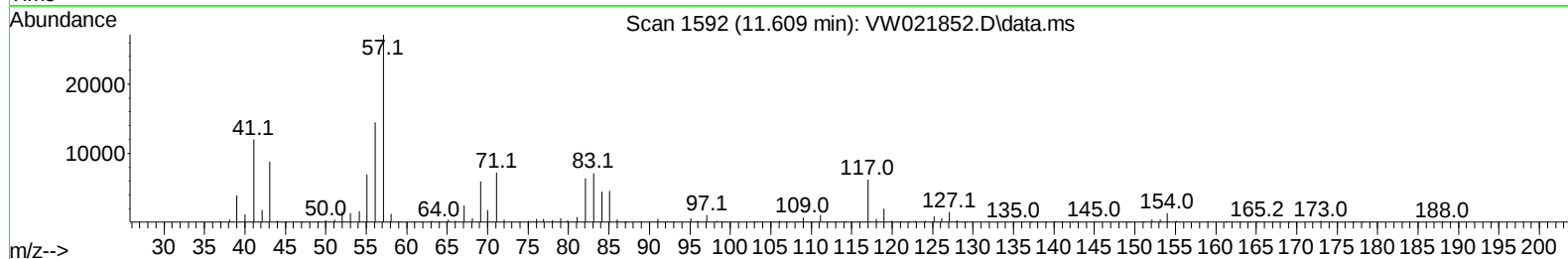
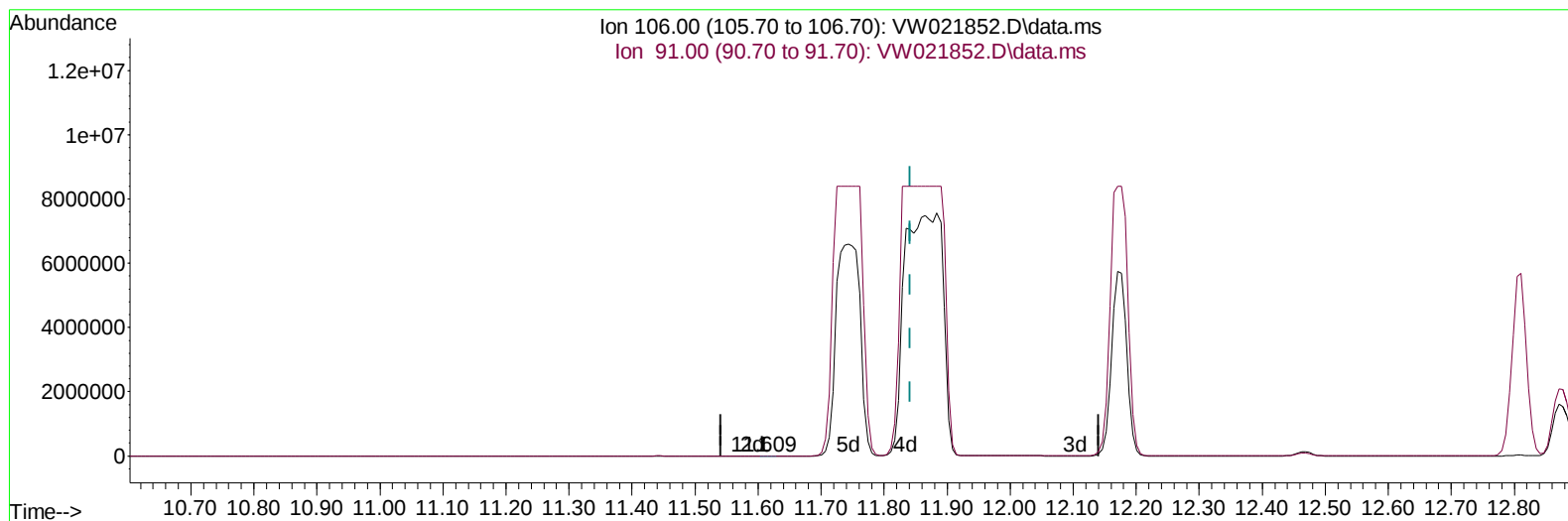
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

(53) m,p-Xylene (T)

11.609min (-0.232) 0.02 ug/L

response 84

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 106.00 | 100.00 | 100.00 |
| 91.00  | 214.10 | 227.83 |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

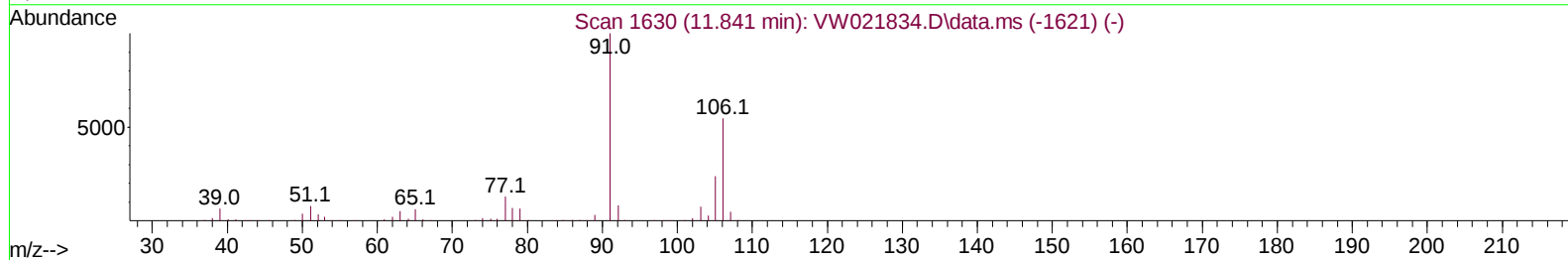
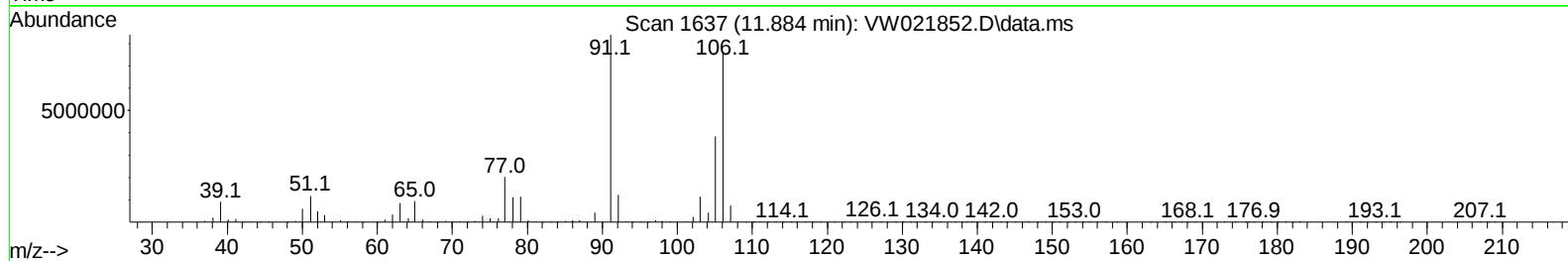
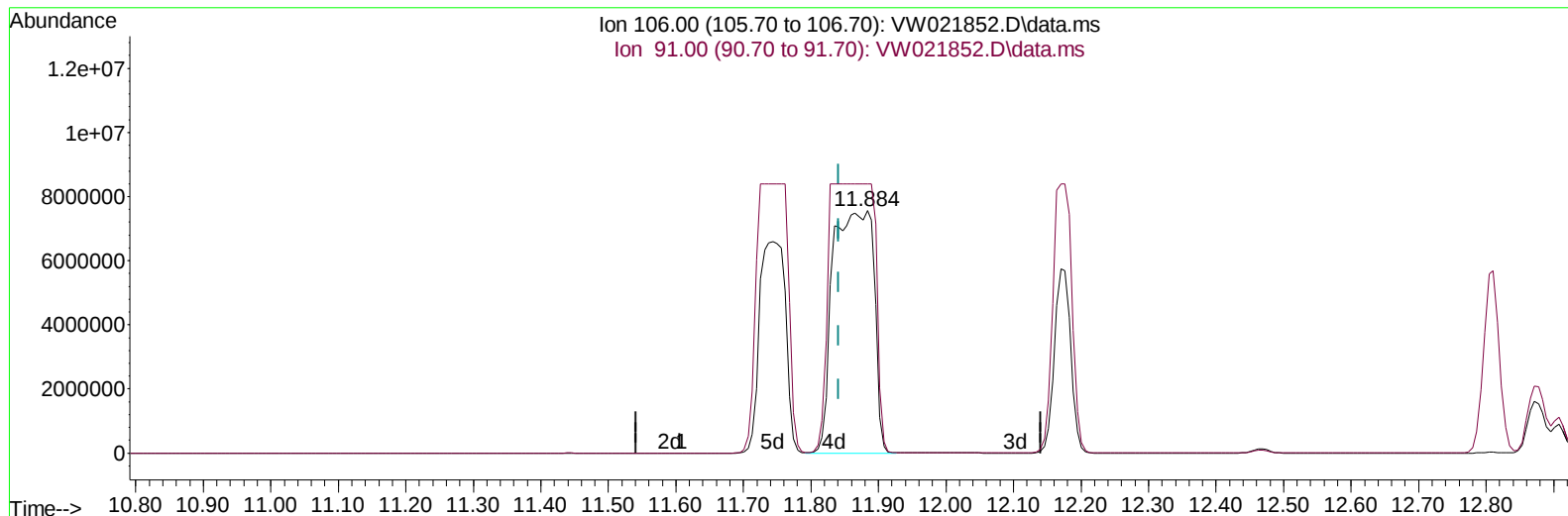
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration



TIC: VW021852.D\data.ms

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

11.884min (+ 0.043) 8669.59 ug/L m

response 31507083

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 106.00 | 100.00 | 100.00  |
| 91.00  | 214.10 | 110.93# |
| 0.00   | 0.00   | 0.00    |
| 0.00   | 0.00   | 0.00    |

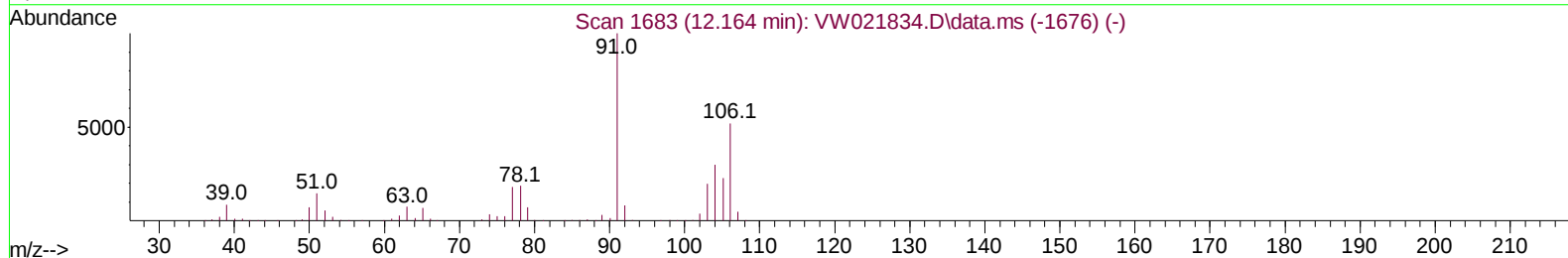
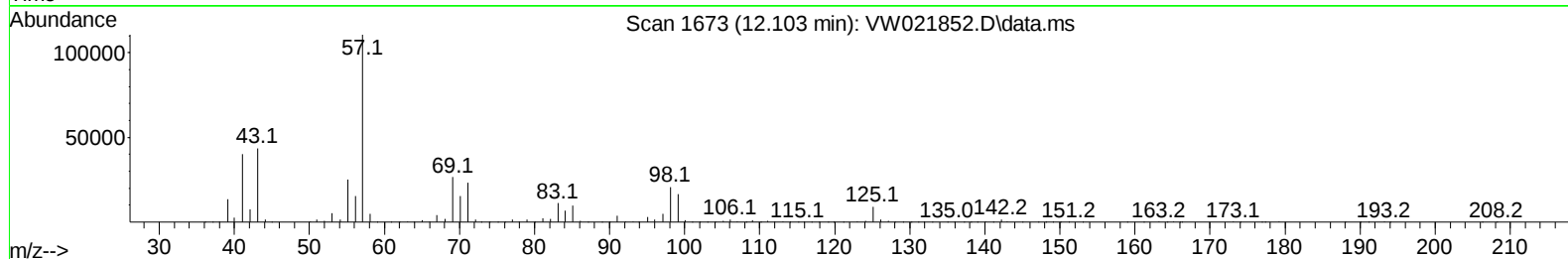
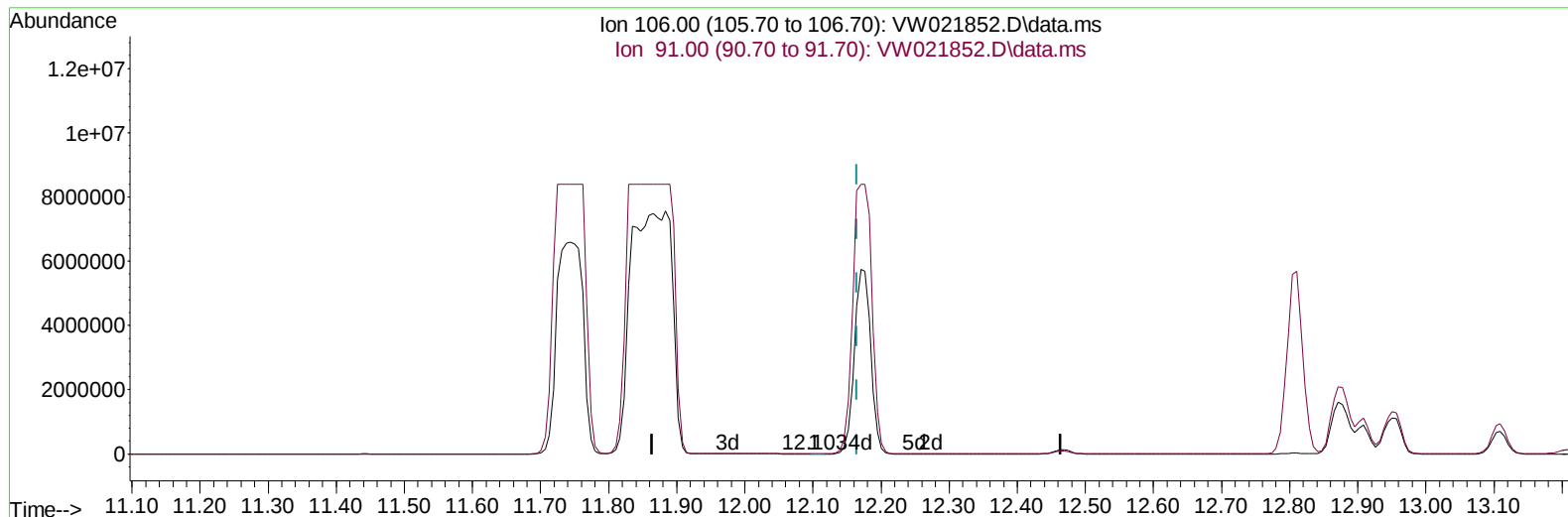
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

**(54) o-Xylene (T)**

**12.103min (-0.061) 0.08 ug/L**

**response 278**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 106.00 | 100.00 | 100.00 |
| 91.00  | 219.50 | 243.07 |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

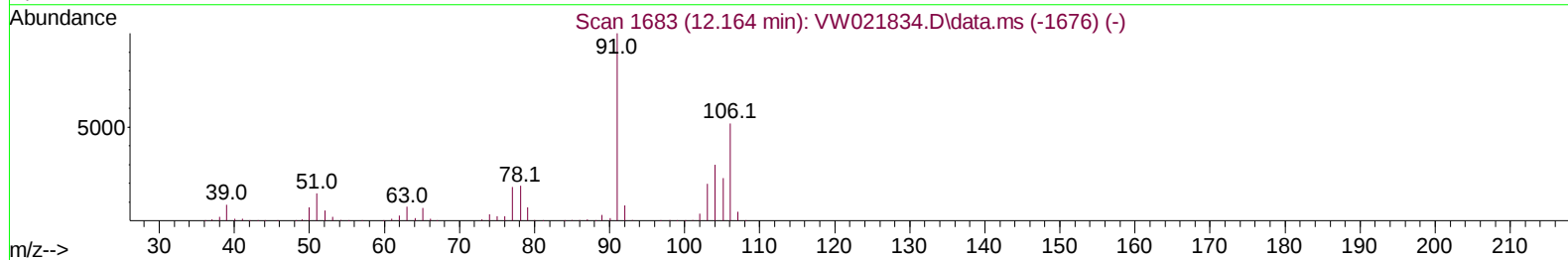
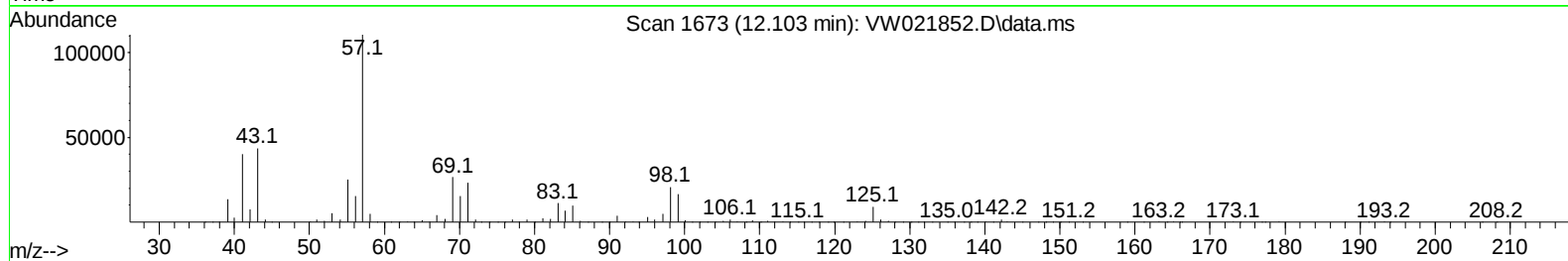
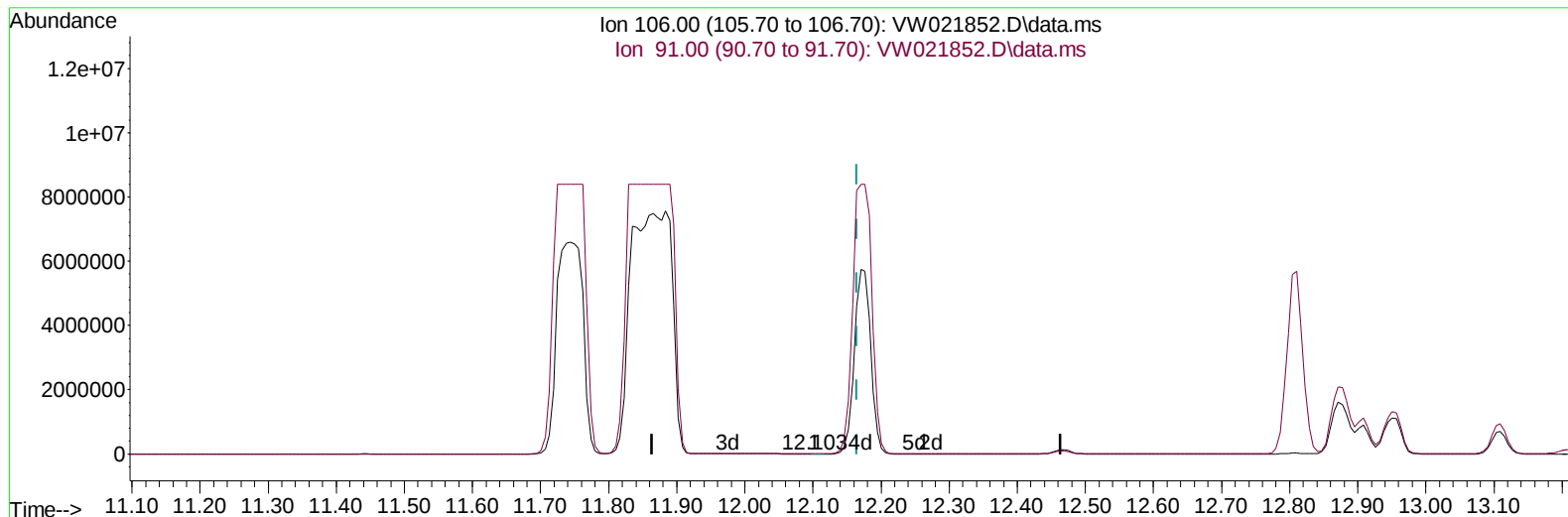
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

**(54) o-Xylene (T)**

**12.103min (-0.061) 0.08 ug/L**

**response 278**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 106.00 | 100.00 | 100.00 |
| 91.00  | 219.50 | 243.07 |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

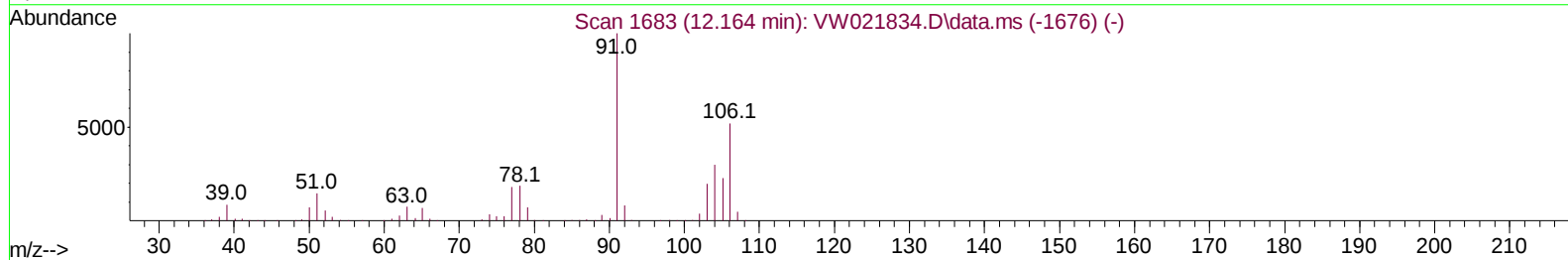
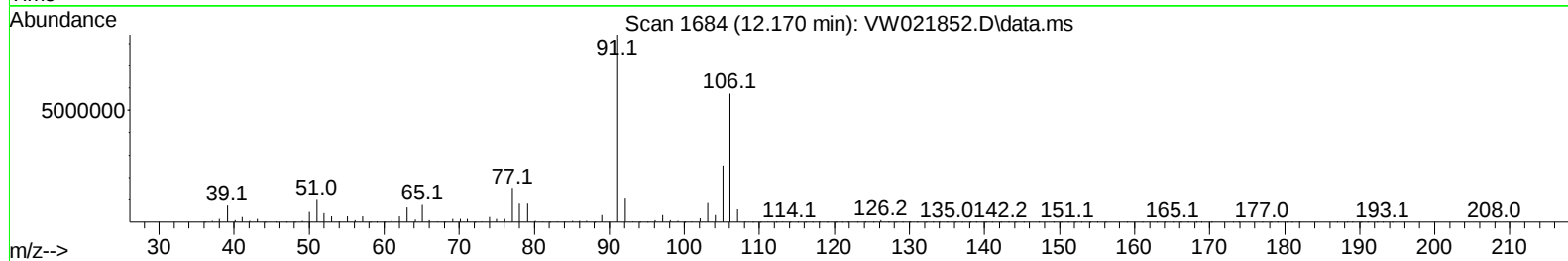
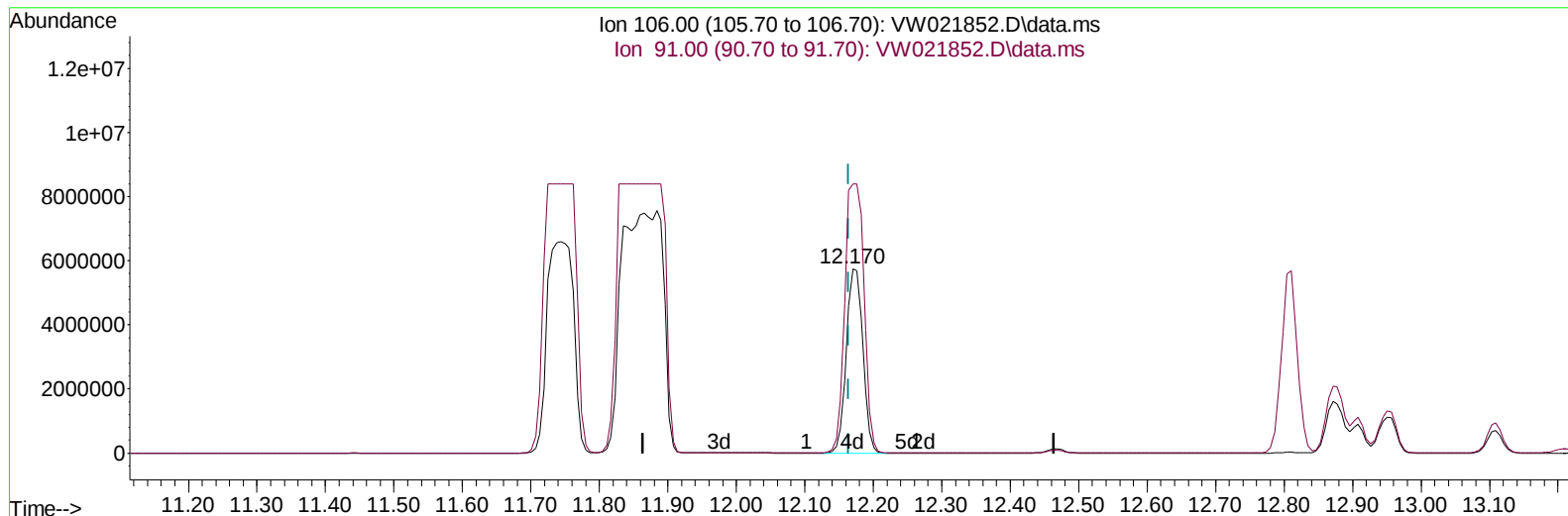
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

**(54) o-Xylene (T)**

**12.170min (+ 0.006) 2854.42 ug/L m**

**response 9630488**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 106.00 | 100.00 | 100.00  |
| 91.00  | 219.50 | 145.86# |
| 0.00   | 0.00   | 0.00    |
| 0.00   | 0.00   | 0.00    |

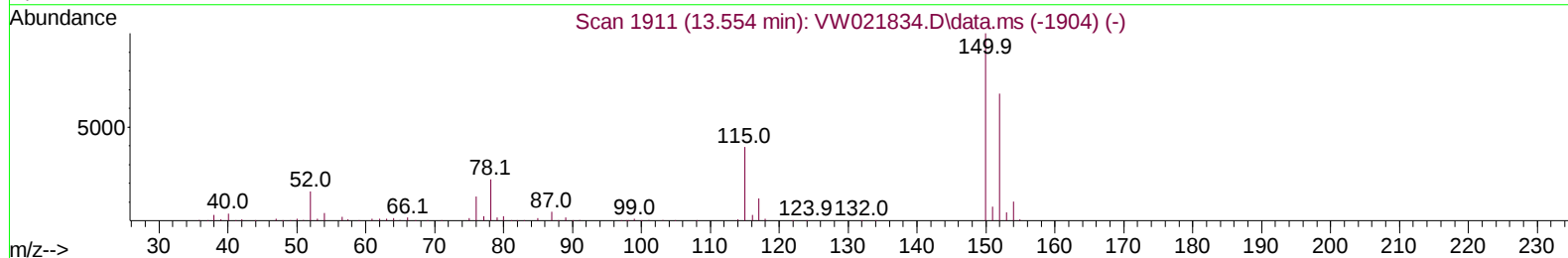
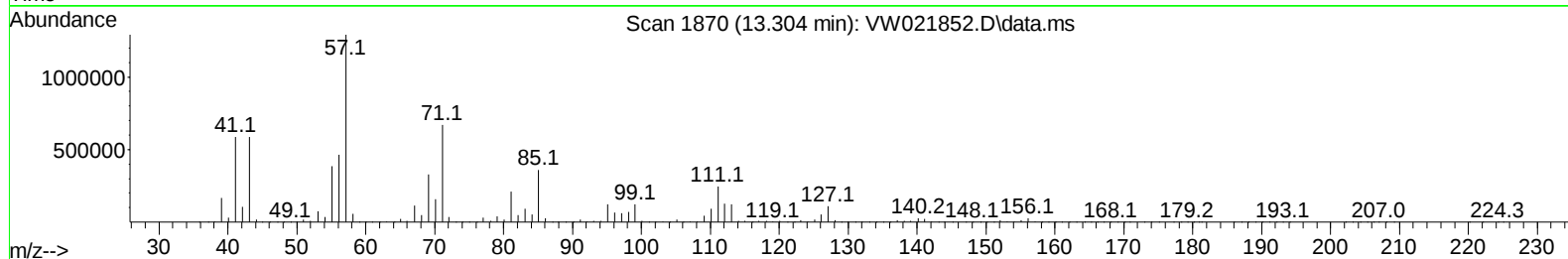
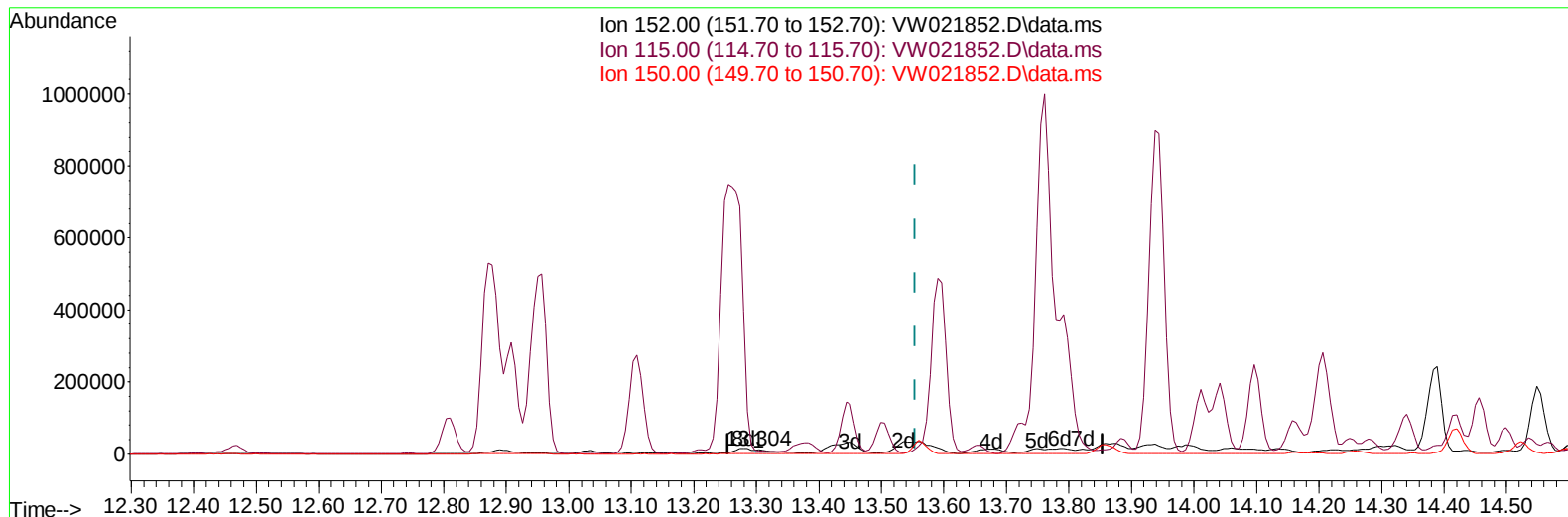
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
Data File : VW021852.D  
Acq On : 11 Jan 2022 23:20  
Operator : SY/VA  
Sample : N1084-10  
Misc : 6.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Jan 12 00:49:08 2022  
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

(58) 1,4-Dichlorobenzene-d4 (I)

13.304min (-0.250) 25.00 ug/L

response 6021

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 115.00 | 63.00  | 29.40  |
| 150.00 | 172.50 | 11.53  |
| 0.00   | 0.00   | 0.00   |

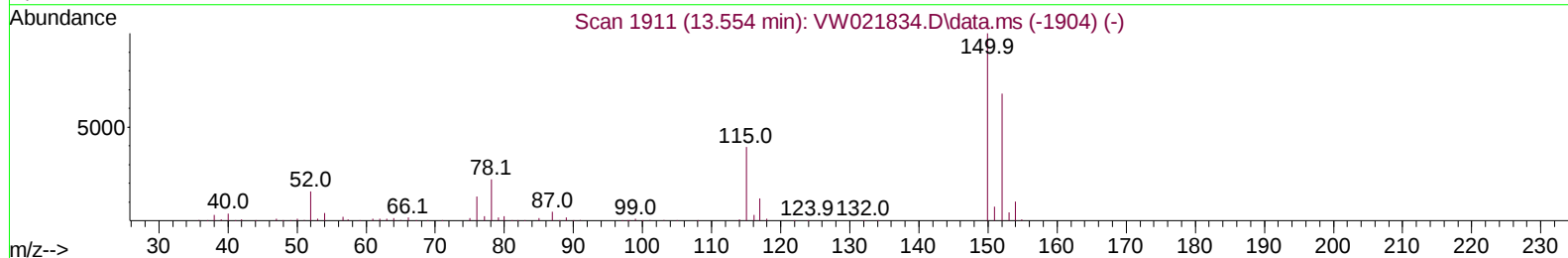
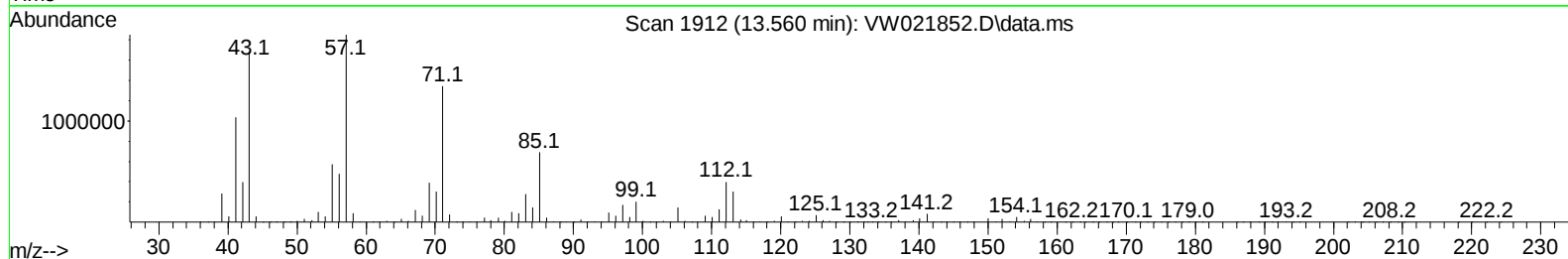
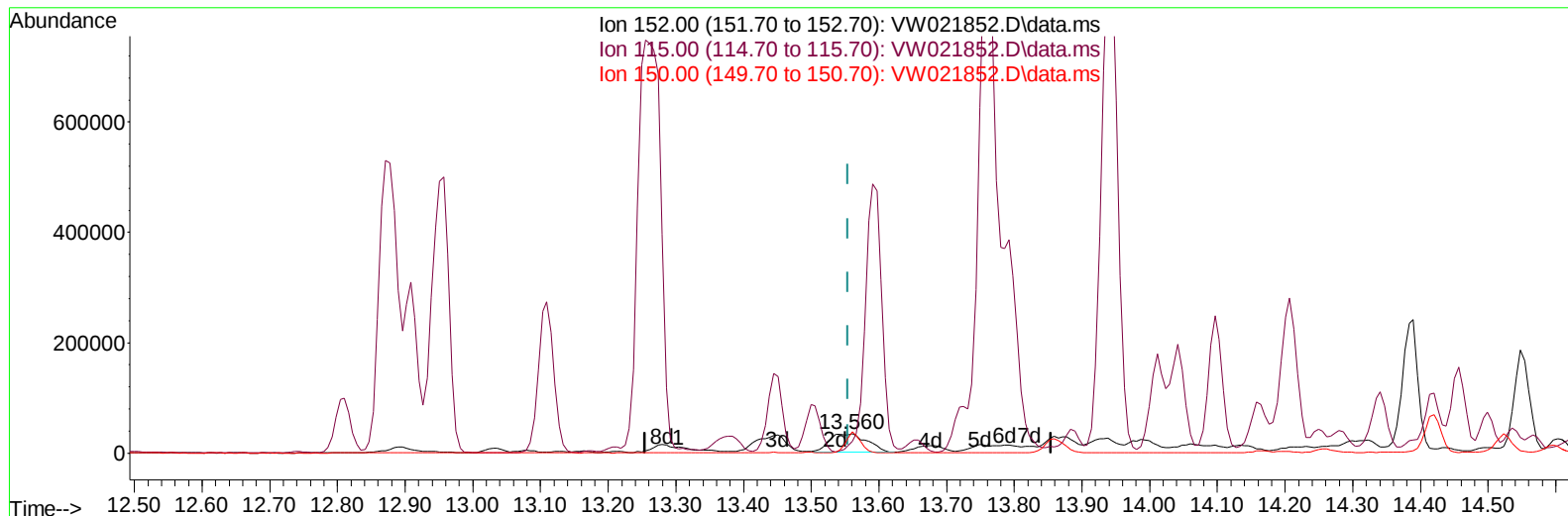
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
Data File : VW021852.D  
Acq On : 11 Jan 2022 23:20  
Operator : SY/VA  
Sample : N1084-10  
Misc : 6.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Jan 12 00:49:08 2022  
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

**(58) 1,4-Dichlorobenzene-d4 (I)**

**13.560min (+ 0.006) 25.00 ug/L m**

**response 129796**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 115.00 | 63.00  | 1.36   |
| 150.00 | 172.50 | 0.53   |
| 0.00   | 0.00   | 0.00   |

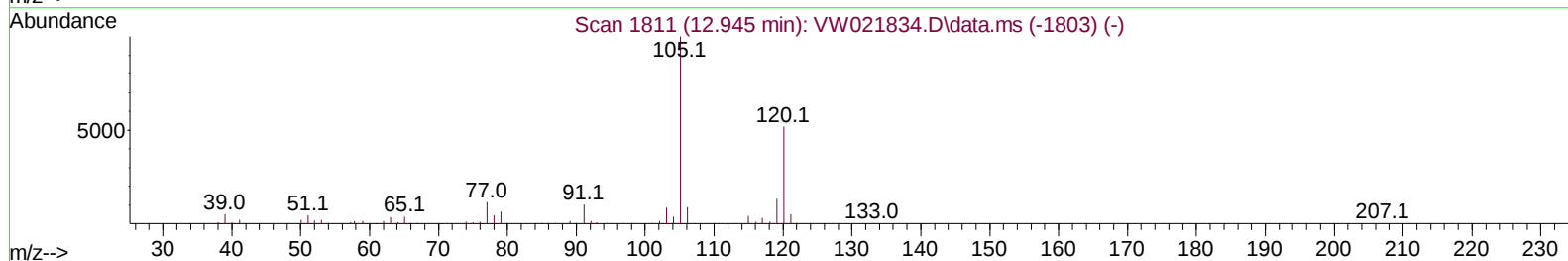
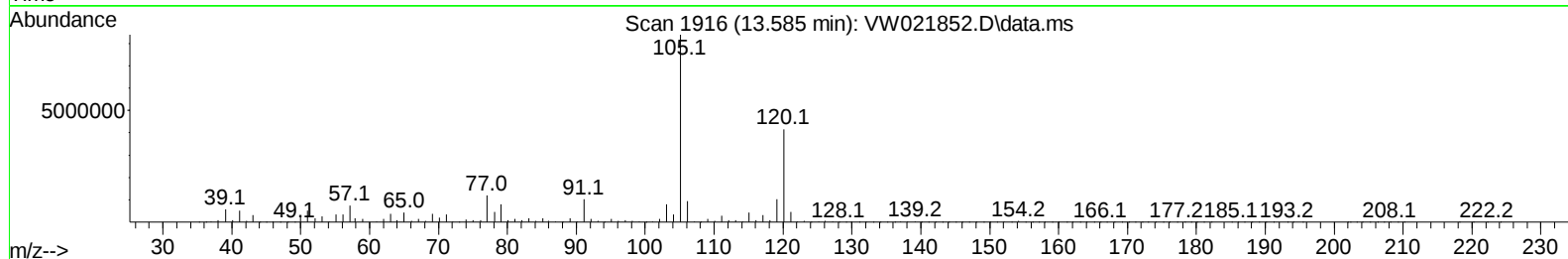
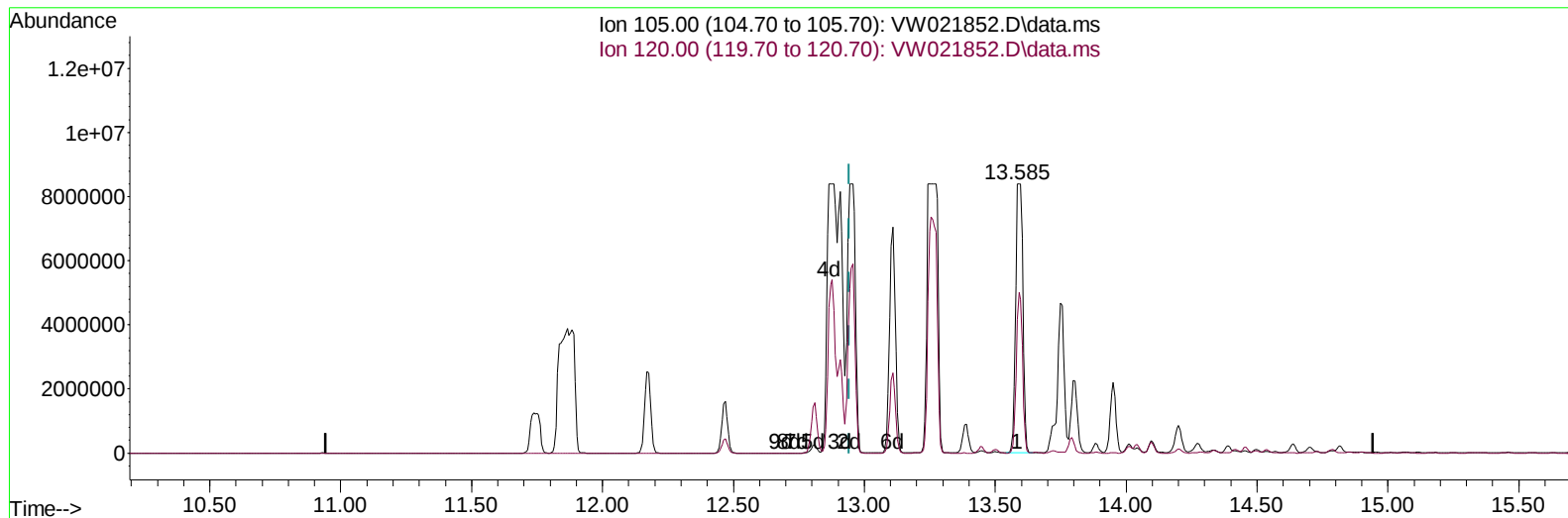
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

(62) 1,3,5-Trimethylbenzene

13.585min (+ 0.640) 1104.56 ug/L

response 16166956

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 46.80  | 51.60  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

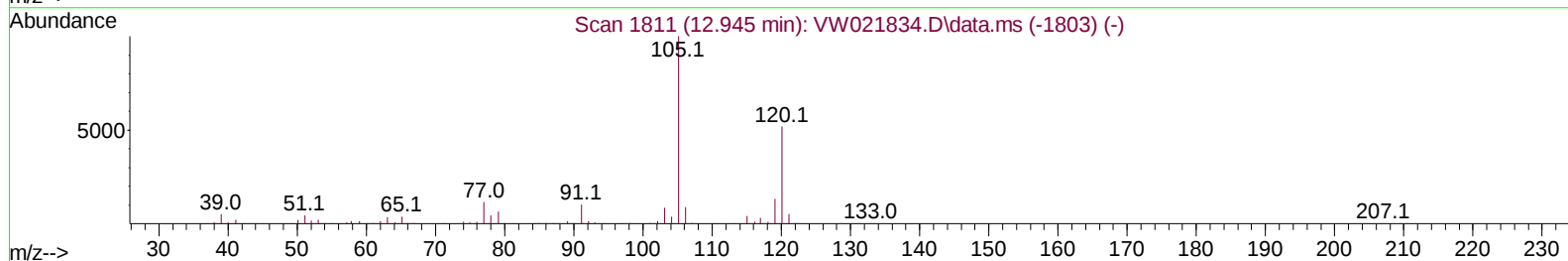
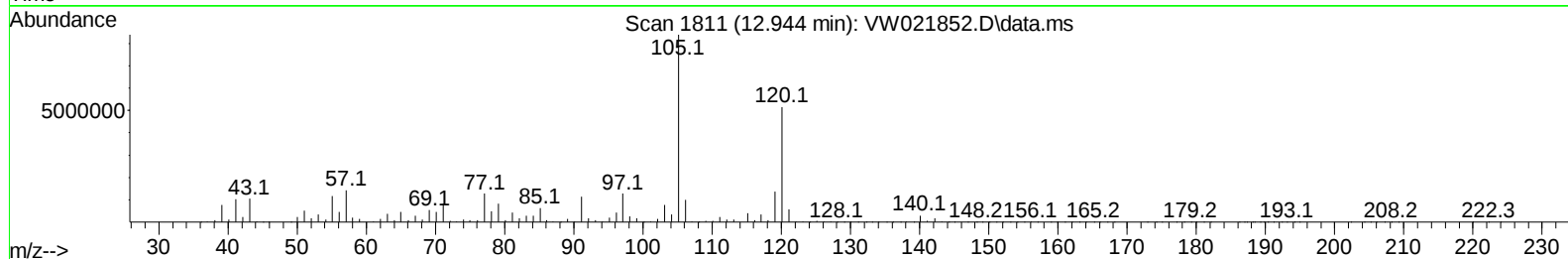
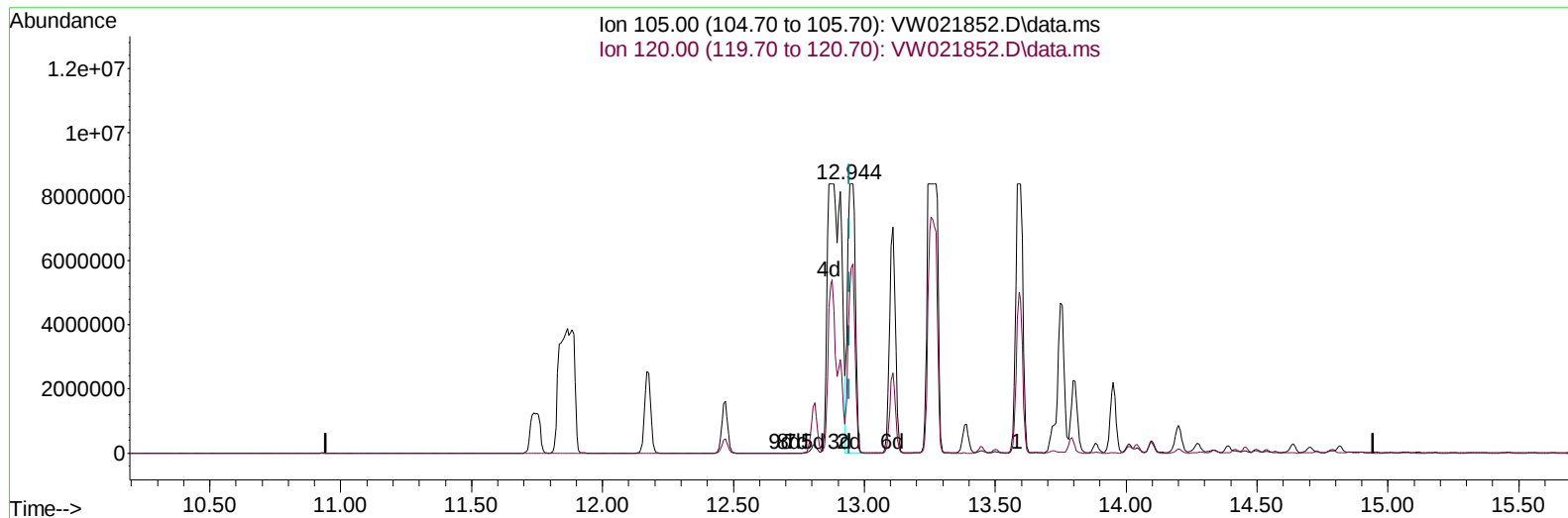
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration



TIC: VW021852.D\data.ms

## (62) 1,3,5-Trimethylbenzene

12.944min (-0.000) 1182.05 ug/L m

response 17301096

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 46.80  | 48.22  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

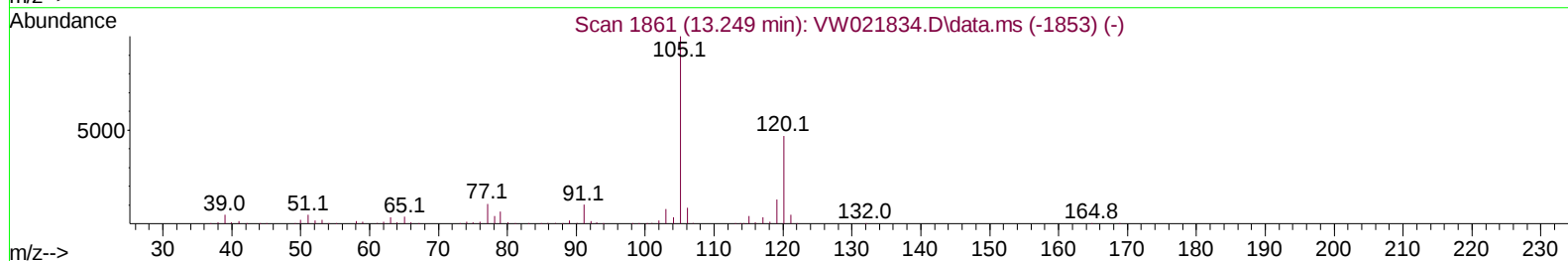
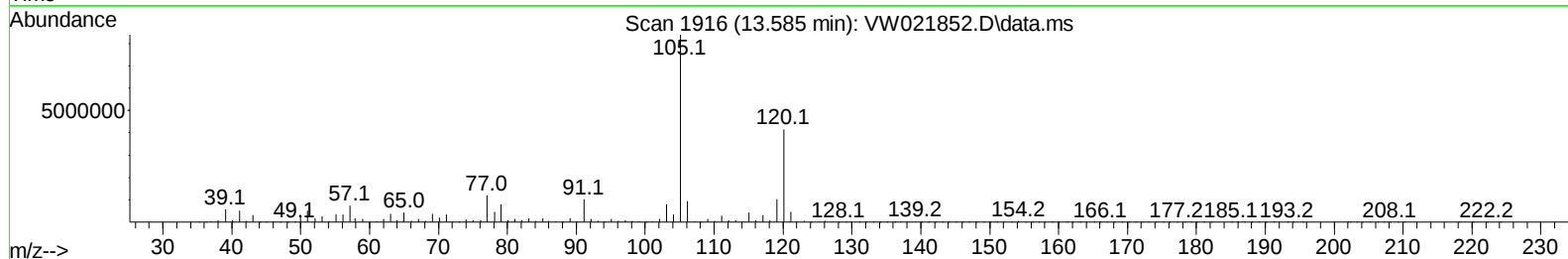
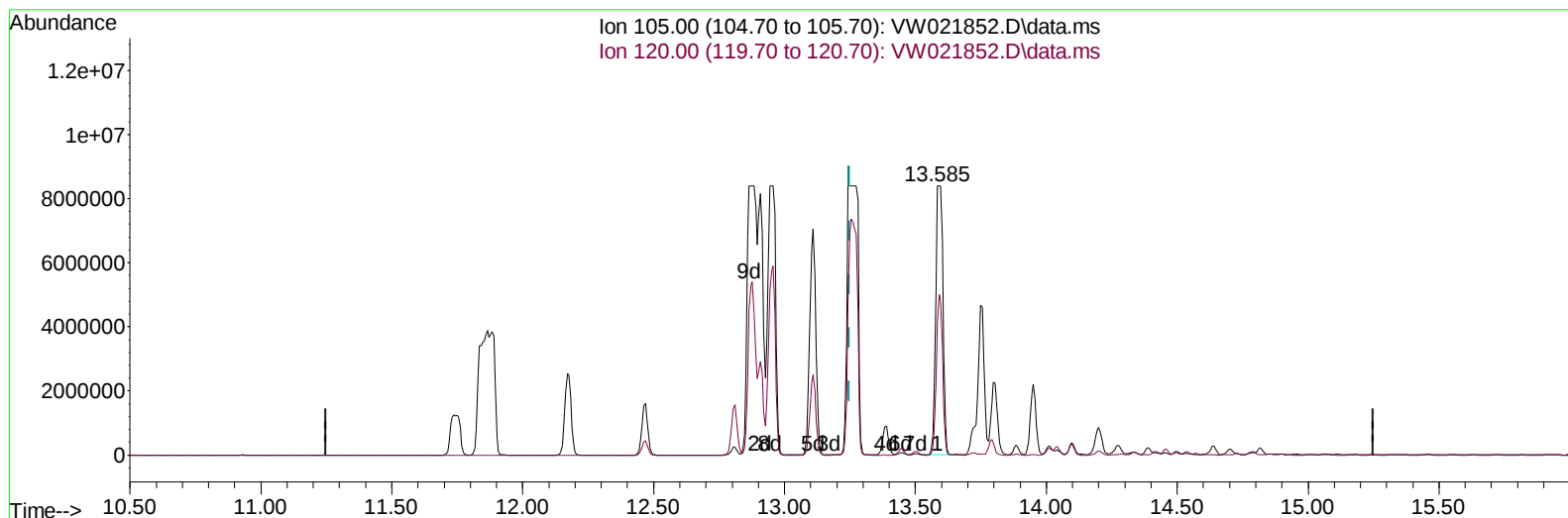
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

(63) 1,2,4-Trimethylbenzene

13.585min (+ 0.335) 1119.96 ug/L

response 16166956

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 43.80  | 51.60  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

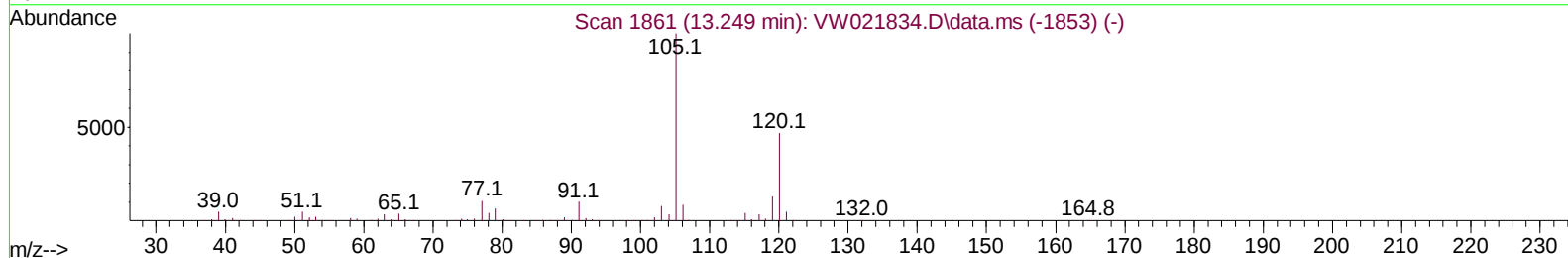
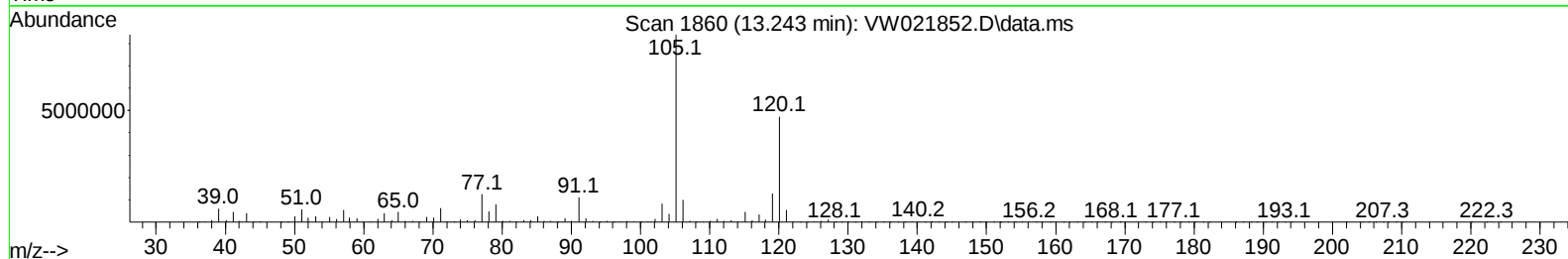
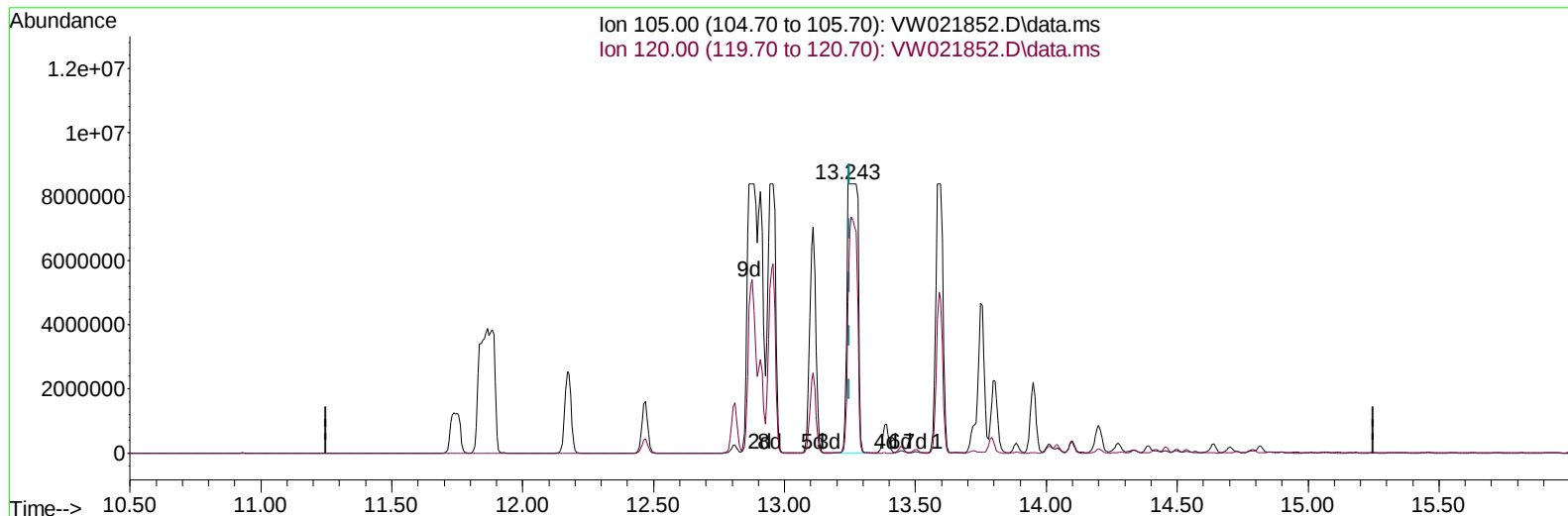
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

(63) 1,2,4-Trimethylbenzene

13.243min (-0.006) 1676.08 ug/L m

response 24194584

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 43.80  | 34.48# |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

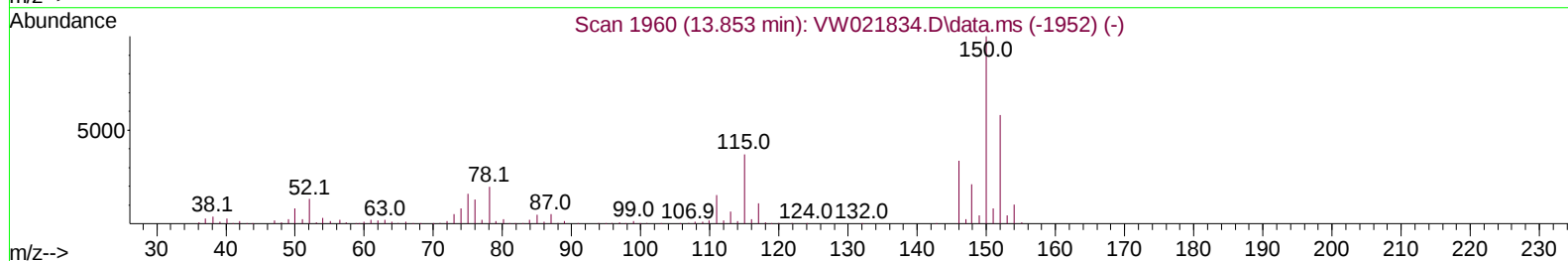
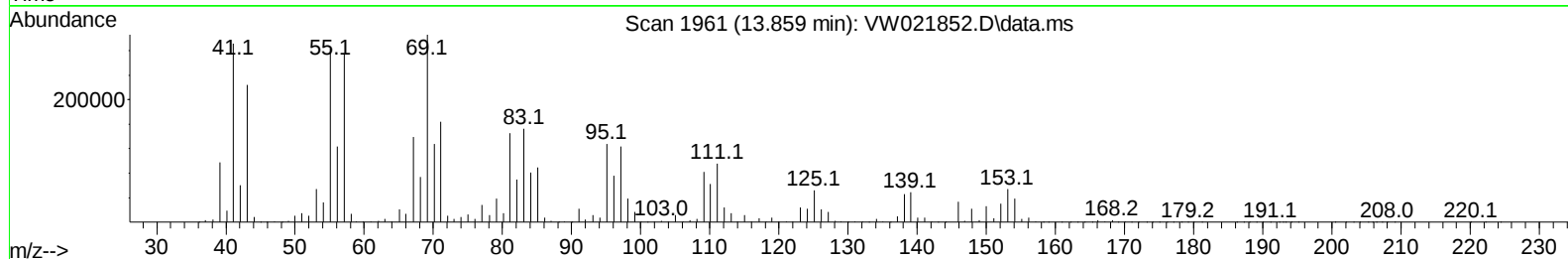
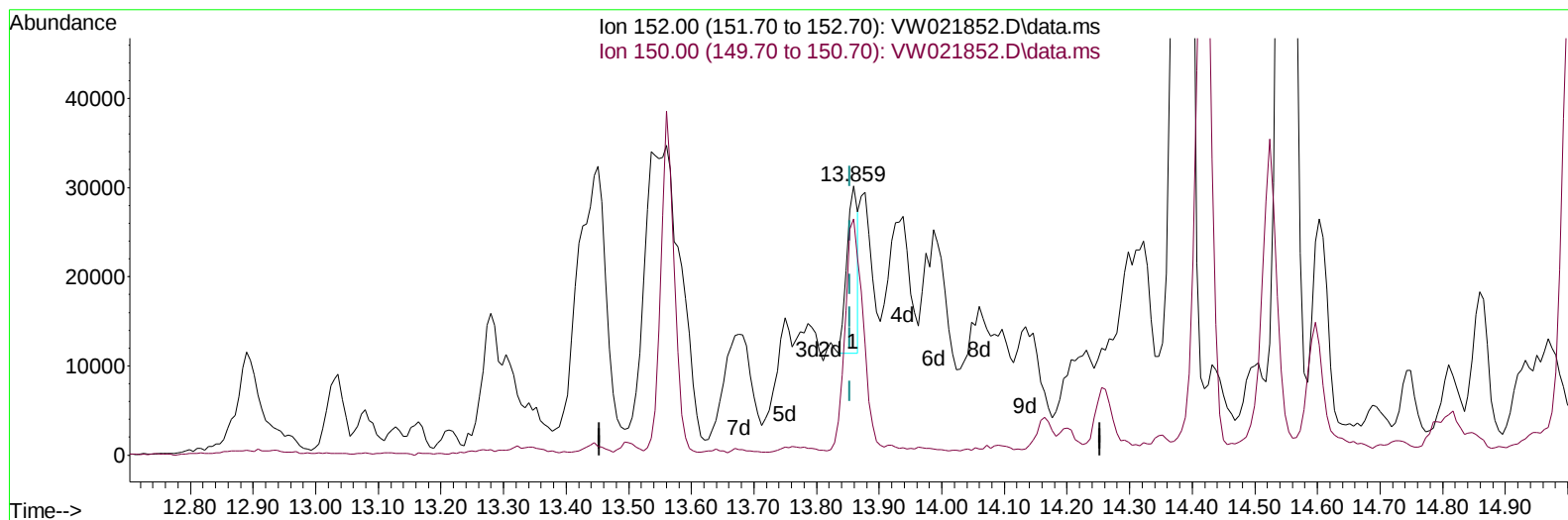
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021852.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

13.859min (+ 0.006) 4.33 ug/L

response 23125

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 152.00 | 100.00 | 100.00  |
| 150.00 | 172.50 | 224.85# |
| 0.00   | 0.00   | 0.00    |
| 0.00   | 0.00   | 0.00    |

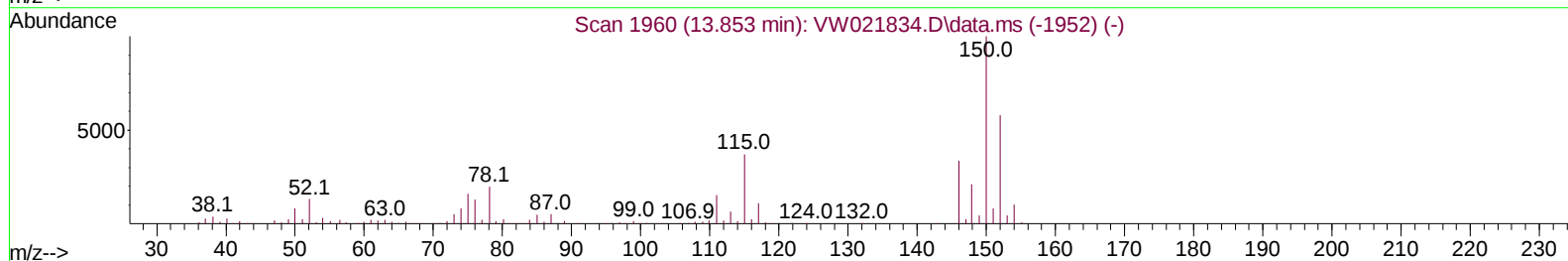
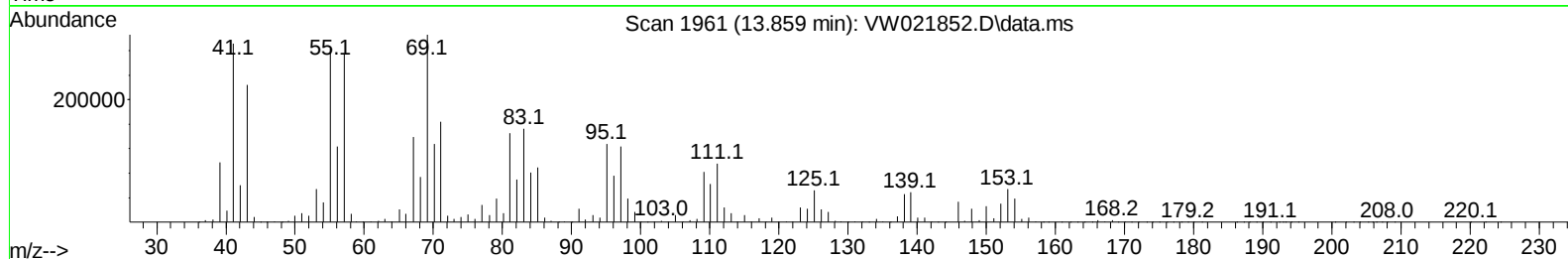
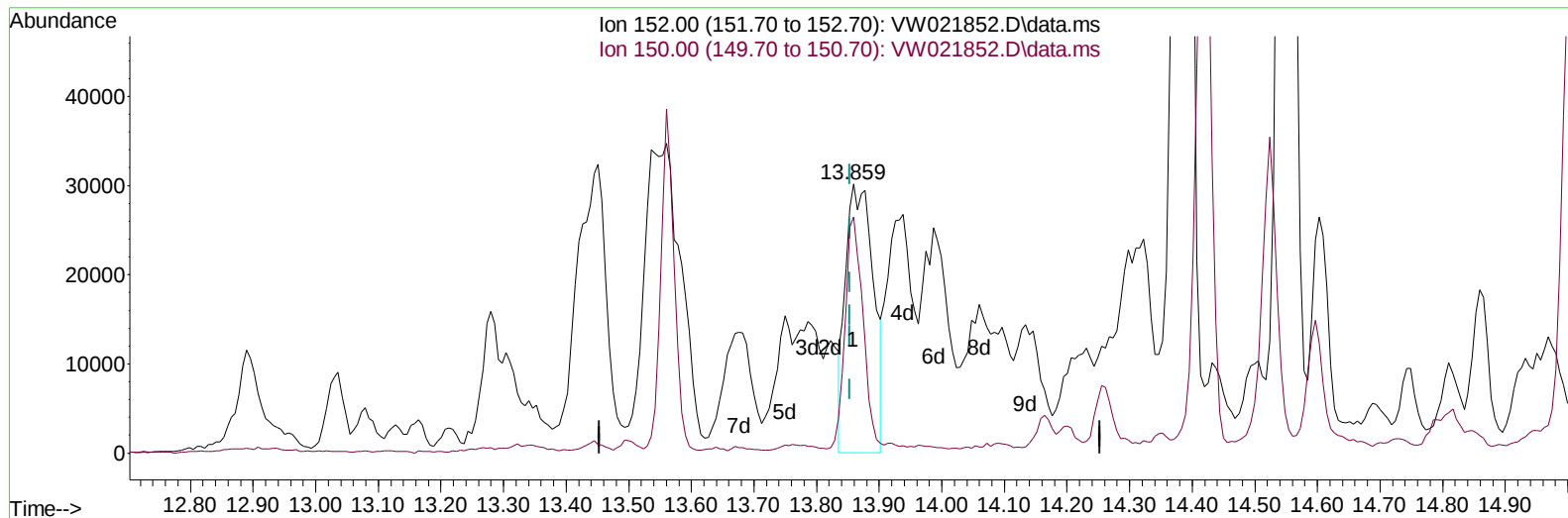
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
Data File : VW021852.D  
Acq On : 11 Jan 2022 23:20  
Operator : SY/VA  
Sample : N1084-10  
Misc : 6.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BGLN3

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2022  
Supervised By :Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 00:53:51 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Jan 12 00:49:08 2022  
Response via : Initial Calibration



TIC: VW021852.D\data.ms

**(66) 1,2-Dichlorobenzene-d4 (S)**

13.859min (+ 0.006) 17.40 ug/L m

response 92854

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 172.50 | 56.00# |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021852.D  
 Acq On : 11 Jan 2022 23:20  
 Operator : SY/VA  
 Sample : N1084-10  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLN3

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022  
 Supervised By :Mahesh Dadoda 01/12/2022

| Compound                      | R.T.     | QIon  | Response  | Conc     | Units     | Dev(Min) |
|-------------------------------|----------|-------|-----------|----------|-----------|----------|
| -----                         |          |       |           |          |           |          |
| Internal Standards            |          |       |           |          |           |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   | 196709    | 25.000   | ug/L      | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634   | 117   | 113760    | 25.000   | ug/L      | # 0.00   |
| 58) 1,4-Dichlorobenzene-d4    | 13.560   | 152   | 129796m   | 25.000   | ug/L      | 0.00     |
|                               |          |       |           |          |           |          |
| System Monitoring Compounds   |          |       |           |          |           |          |
| 4) Vinyl Chloride-d3          | 2.349    | 65    | 57331     | 15.681   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery  | =        | 62.720%   |          |
| 7) Chloroethane-d5            | 2.879    | 69    | 46253     | 14.009   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery  | =        | 56.040%   |          |
| 11) 1,1-Dichloroethene-d2     | 4.019    | 63    | 69612     | 12.060   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery  | =        | 48.240%   |          |
| 21) 2-Butanone-d5             | 7.092    | 46    | 21413     | 41.494   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery  | =        | 82.980%   |          |
| 24) Chloroform-d              | 7.653    | 84    | 111359    | 17.523   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery  | =        | 70.080%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.311    | 65    | 63736m    | 20.769   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery  | =        | 83.080%   |          |
| 32) Benzene-d6                | 8.275    | 84    | 222286    | 30.114   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery  | =        | 120.440%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 59844     | 30.759   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery  | =        | 123.040%# |          |
| 41) Toluene-d8                | 10.323   | 98    | 200390    | 26.930   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery  | =        | 107.720%  |          |
| 43) trans-1,3-Dichloroprop... | 10.585   | 79    | 19977     | 24.184   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery  | =        | 96.720%   |          |
| 47) 2-Hexanone-d5             | 10.927   | 63    | 18585     | 70.397   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery  | =        | 140.800%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.707   | 84    | 60046     | 39.468   | ug/L      | 0.01     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery  | =        | 157.880%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.859   | 152   | 92854m    | 17.398   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery  | =        | 69.600%#  |          |
|                               |          |       |           |          |           |          |
| Target Compounds              |          |       |           |          |           | Qvalue   |
| 13) Acetone                   | 4.159    | 43    | 60886     | 142.808  | ug/L      | 91       |
| 14) Carbon disulfide          | 4.385    | 76    | 17462     | 2.272    | ug/L #    | 93       |
| 22) 2-Butanone                | 7.196    | 43    | 9801      | 17.984   | ug/L      | 83       |
| 29) Cyclohexane               | 7.958    | 56    | 73442     | 28.858   | ug/L      | 97       |
| 33) Benzene                   | 8.329    | 78    | 11768981  | 1687.164 | ug/L      | 100      |
| 35) Methylcyclohexane         | 9.335    | 83    | 260429    | 78.253   | ug/L      | 86       |
| 42) Toluene                   | 10.390   | 91    | 12571776  | 1606.908 | ug/L      | 91       |
| 51) Chlorobenzene             | 11.664   | 112   | 43409     | 7.858    | ug/L      | 88       |
| 52) Ethylbenzene              | 11.725   | 91    | 26920324m | 3097.477 | ug/L      |          |
| 53) m,p-Xylene                | 11.884   | 106   | 31507083m | 8669.594 | ug/L      |          |
| 54) o-Xylene                  | 12.170   | 106   | 9630488m  | 2854.416 | ug/L      |          |
| 60) Isopropylbenzene          | 12.469   | 105   | 2517438   | 142.428  | ug/L      | 96       |
| 62) 1,3,5-Trimethylbenzene    | 12.944   | 105   | 17301096m | 1182.049 | ug/L      |          |
| 63) 1,2,4-Trimethylbenzene    | 13.243   | 105   | 24194584m | 1676.078 | ug/L      |          |
| -----                         |          |       |           |          |           |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
Data File : VW021852.D  
Acq On : 11 Jan 2022 23:20  
Operator : SY/VA  
Sample : N1084-10  
Misc : 6.57g/10mL/MSVOA\_W/SoIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BGLN3

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2022  
Supervised By :Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 00:53:51 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Jan 12 00:49:08 2022  
Response via : Initial Calibration

