

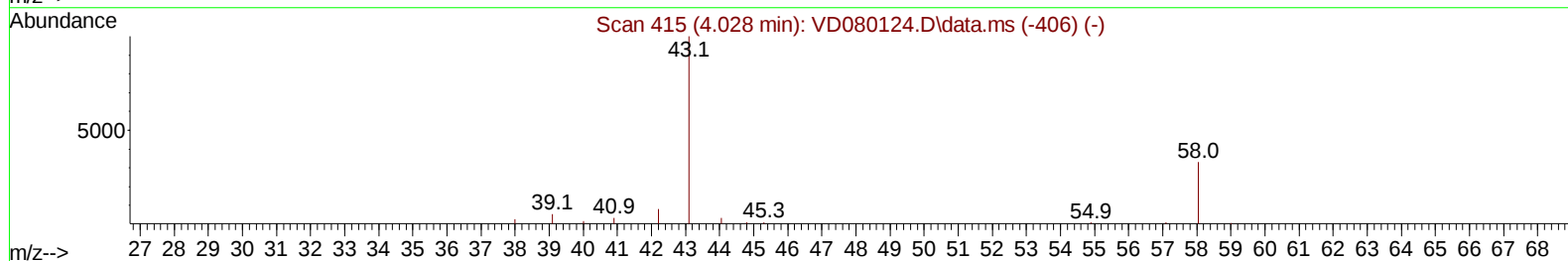
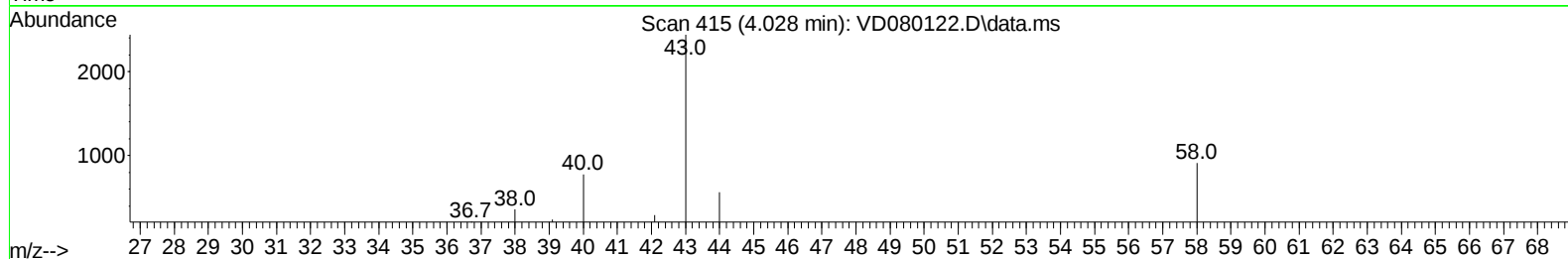
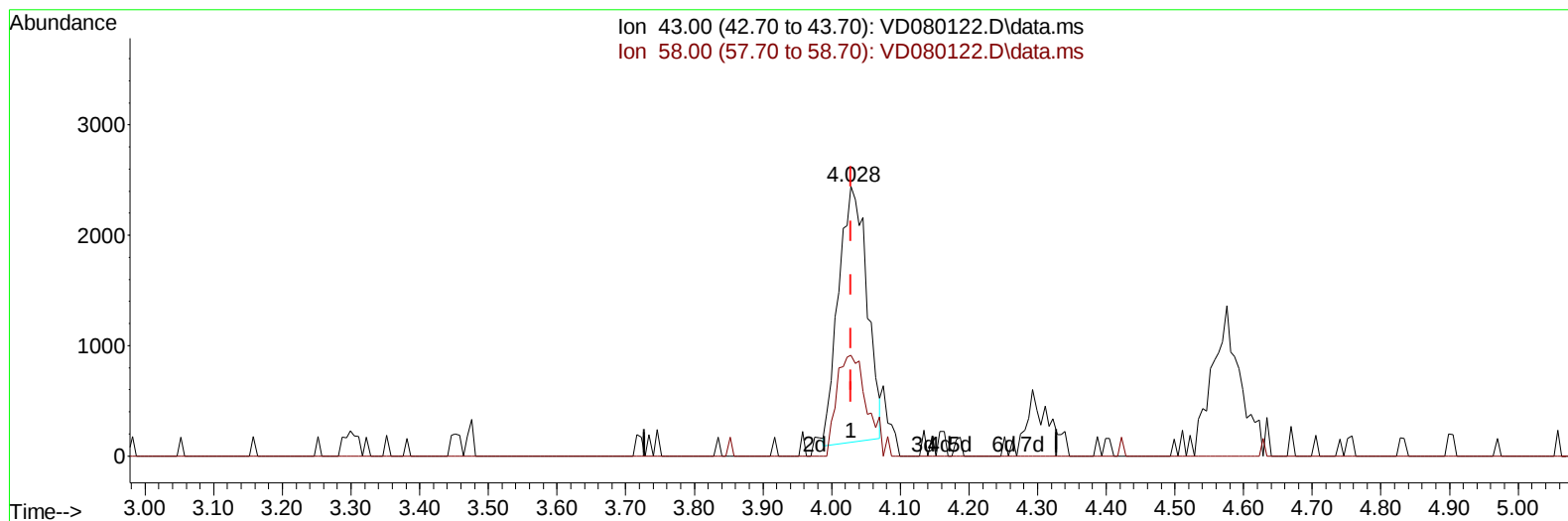
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121124\  
 Data File : VD080122.D  
 Acq On : 11 Dec 2024 09:29  
 Operator : RP/MD  
 Sample : VSTD2.556  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTD2.5856

Manual IntegrationsAPPROVED

Quant Time: Dec 12 00:20:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 12 00:19:44 2024  
 Response via : Initial Calibration

Reviewed By :Romaben Patel 12/12/2024  
 Supervised By :Mahesh Dadoda 12/18/2024



TIC: VD080122.D\data.ms

(13) Acetone (T)

4.028min (+ 0.000) 5.05 ug/L

response 6675

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 34.50  | 39.51  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

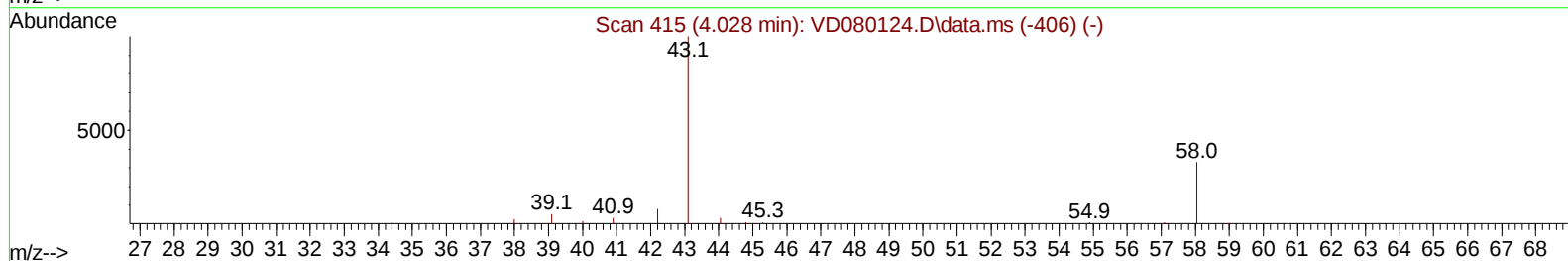
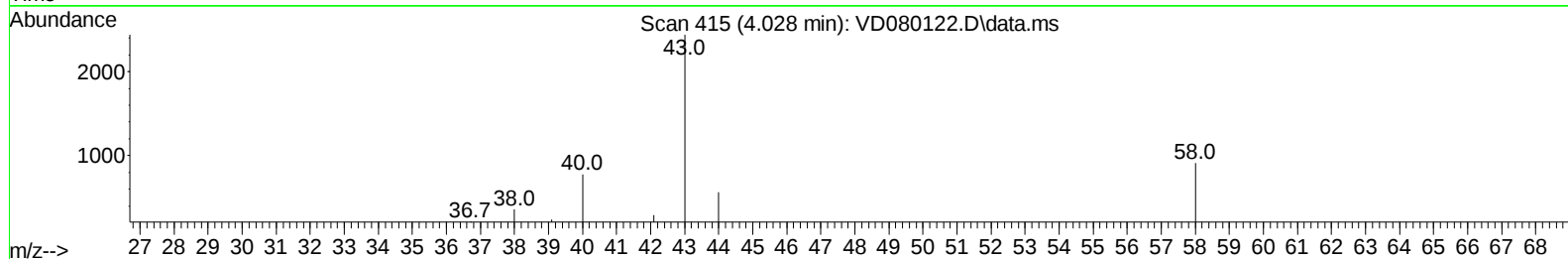
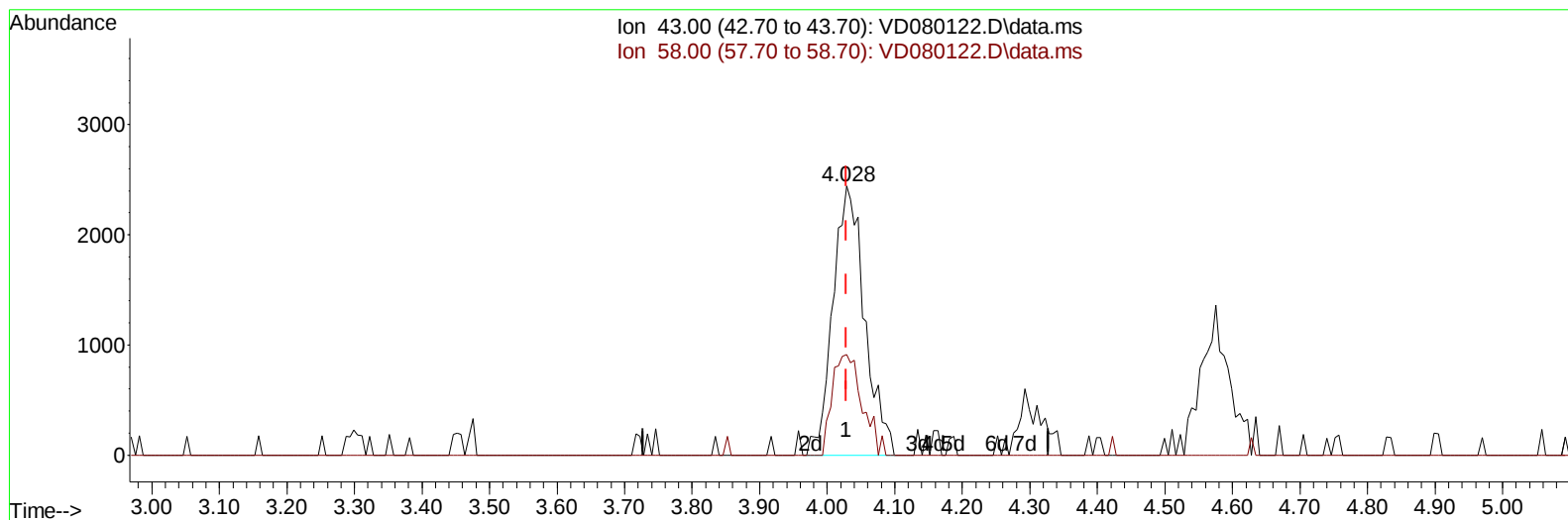
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121124\  
 Data File : VD080122.D  
 Acq On : 11 Dec 2024 09:29  
 Operator : RP/MD  
 Sample : VSTD2.556  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTD2.5856

Manual IntegrationsAPPROVED

Quant Time: Dec 12 00:20:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 12 00:19:44 2024  
 Response via : Initial Calibration

Reviewed By :Romaben Patel 12/12/2024  
 Supervised By :Mahesh Dadoda 12/18/2024



TIC: VD080122.D\data.ms

(13) Acetone (T)

4.028min (+ 0.000) 6.03 ug/L m

response 7969

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 34.50  | 33.09  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

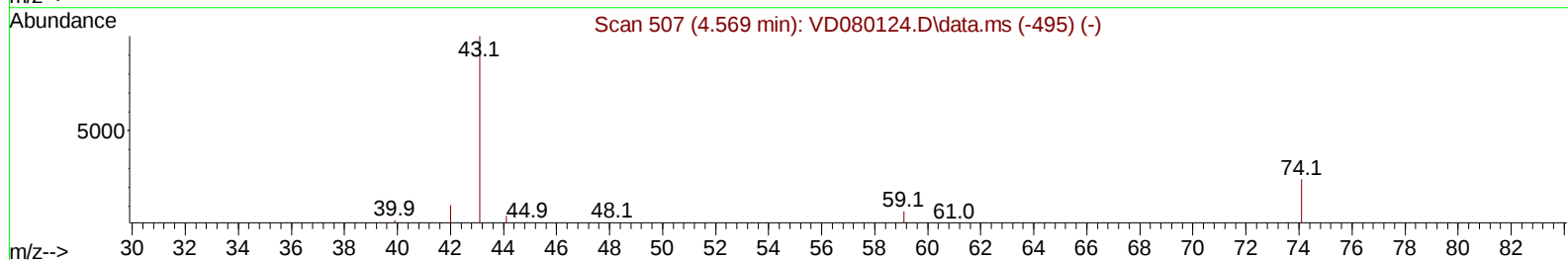
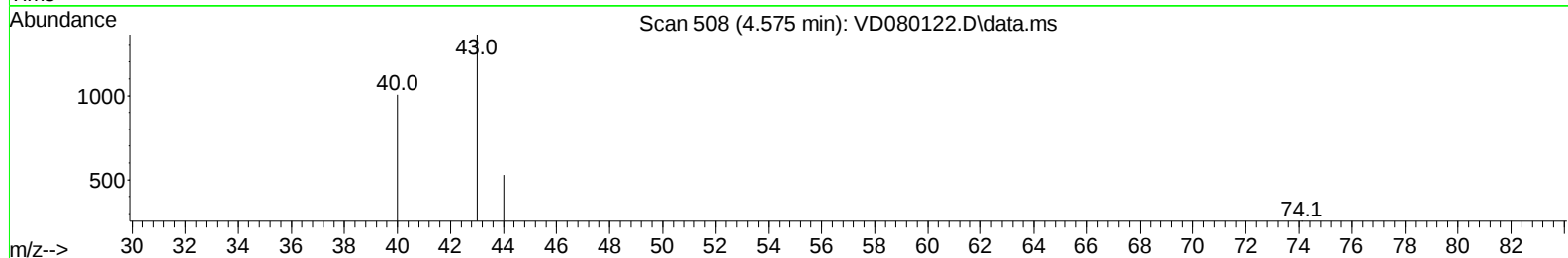
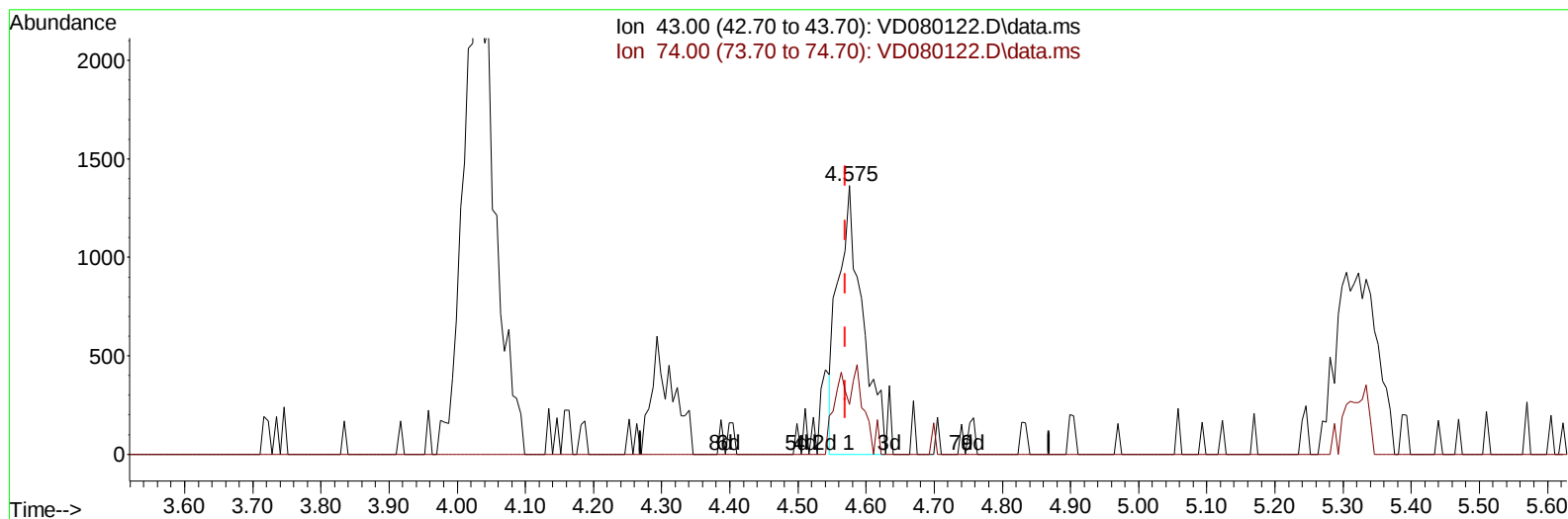
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Data File : VD080122.D  
Acq On : 11 Dec 2024 09:29  
Operator : RP/MD  
Sample : VSTD2.556  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Dec 12 00:19:44 2024  
Response via : Initial Calibration



TIC: VD080122.D\data.ms

## (15) Methyl Acetate (T)

4.575min (+ 0.006) 2.14 ug/L

response 3385

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 23.70  | 18.17# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

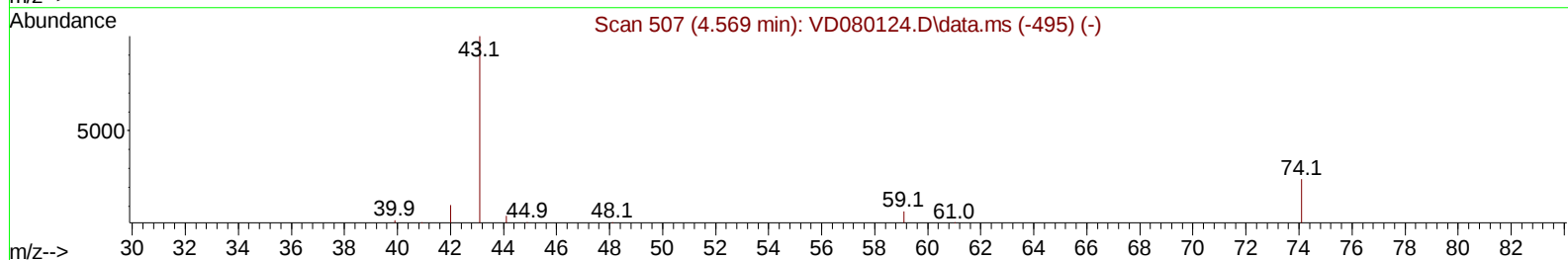
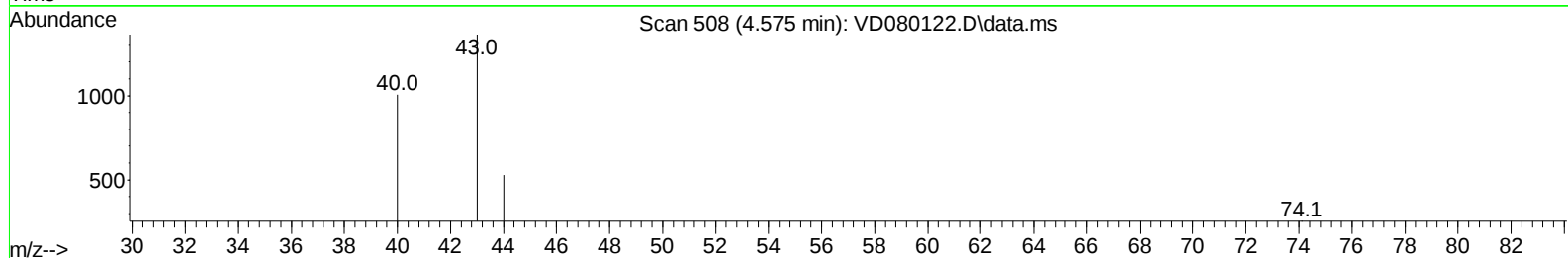
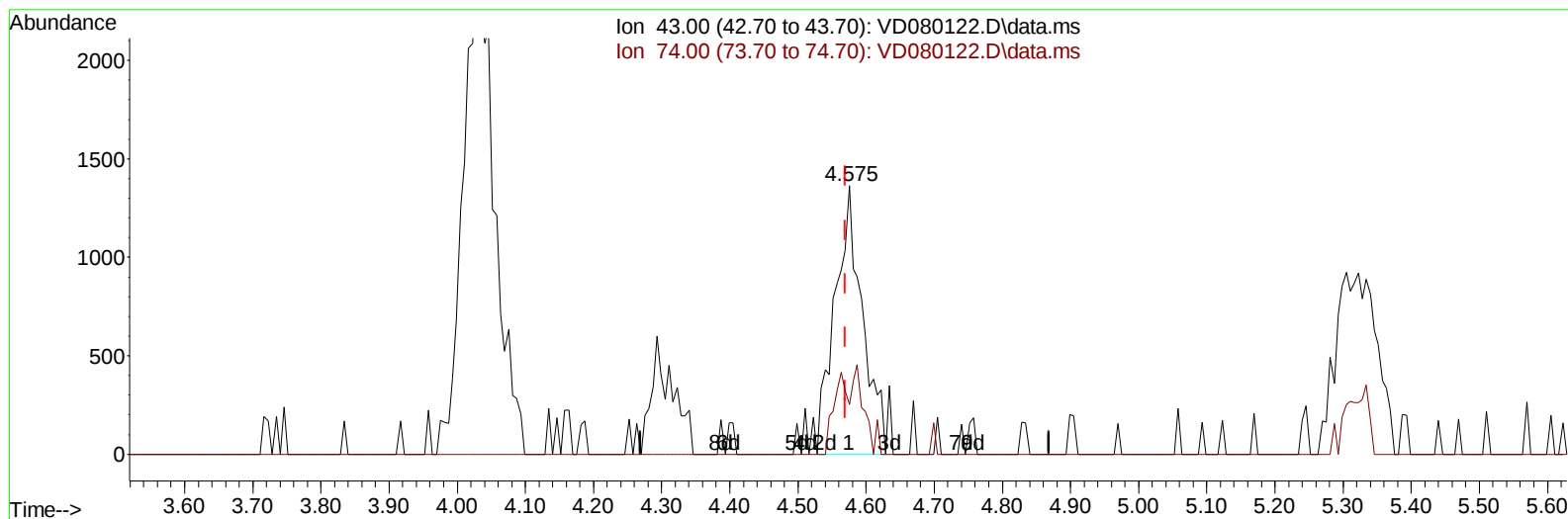
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Data File : VD080122.D  
Acq On : 11 Dec 2024 09:29  
Operator : RP/MD  
Sample : VSTD2.556  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Dec 12 00:19:44 2024  
Response via : Initial Calibration



TIC: VD080122.D\data.ms

## (15) Methyl Acetate (T)

4.575min (+ 0.006) 2.40 ug/L m

response 3797

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 23.70  | 16.20# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

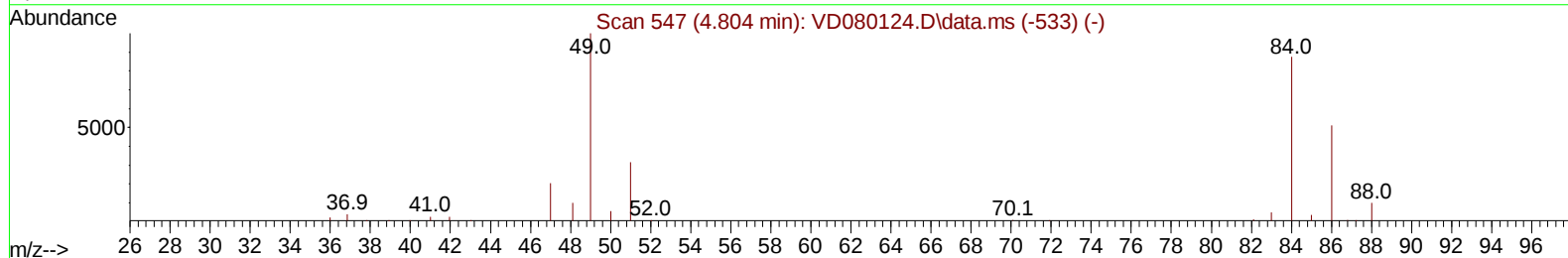
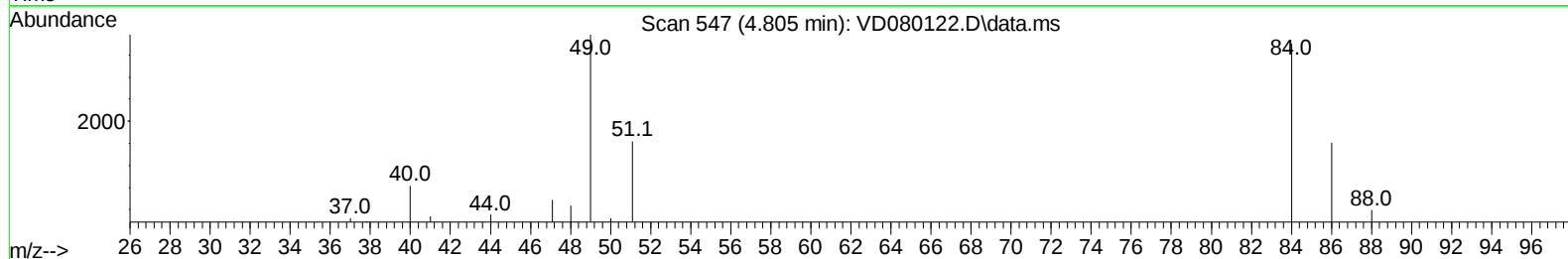
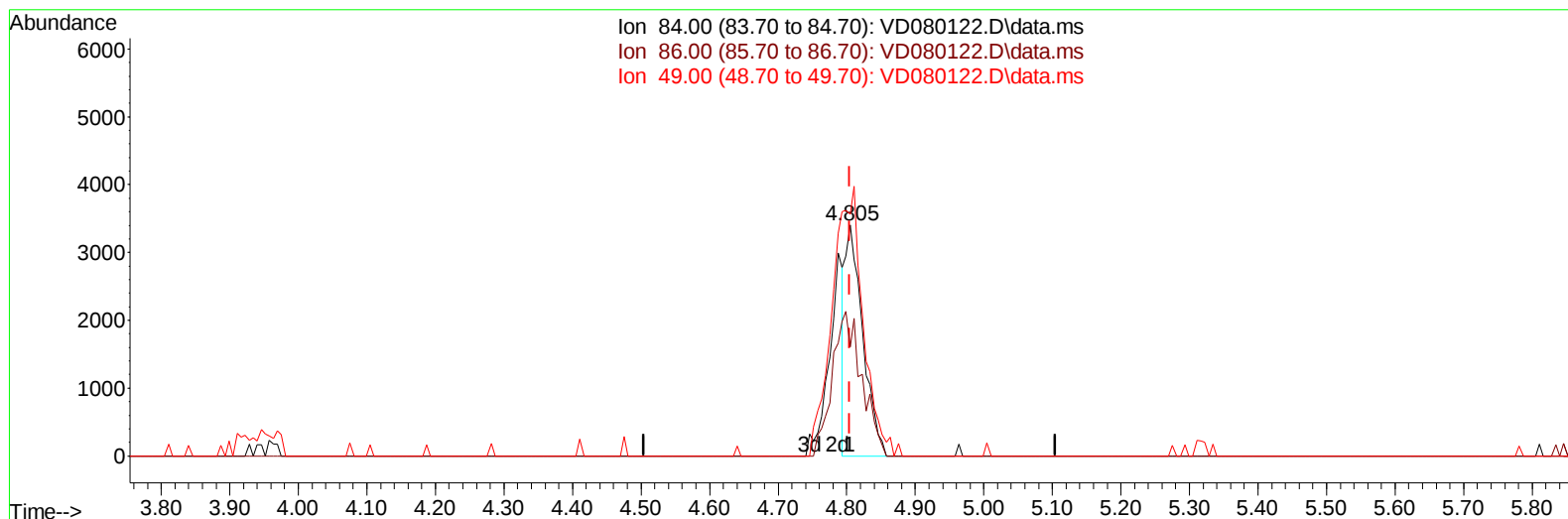
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Data File : VD080122.D  
Acq On : 11 Dec 2024 09:29  
Operator : RP/MD  
Sample : VSTD2.556  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Dec 12 00:19:44 2024  
Response via : Initial Calibration



TIC: VD080122.D\data.ms

## (16) Methylene chloride (T)

4.805min (+ 0.000) 1.61 ug/L

response 6055

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 86.00 | 58.20  | 47.33  |
| 49.00 | 114.20 | 104.79 |
| 0.00  | 0.00   | 0.00   |

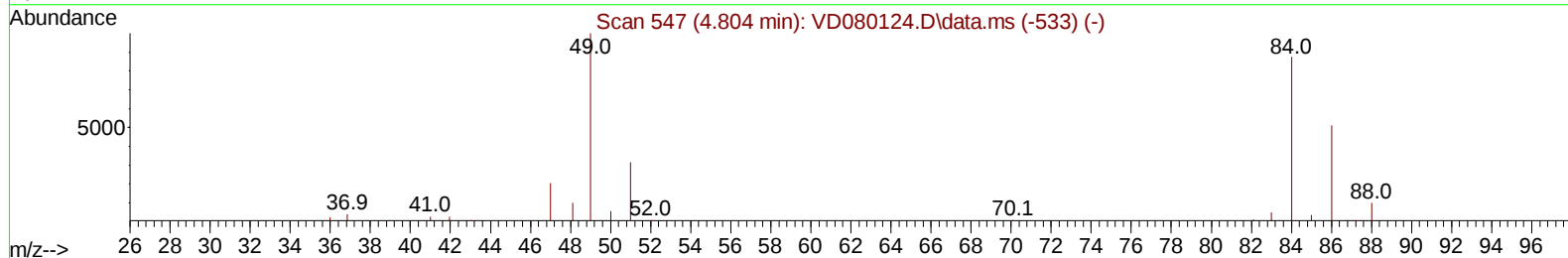
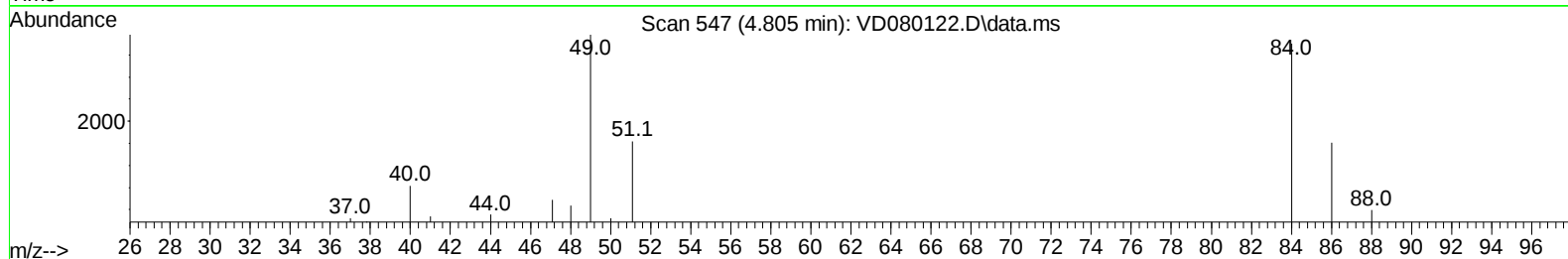
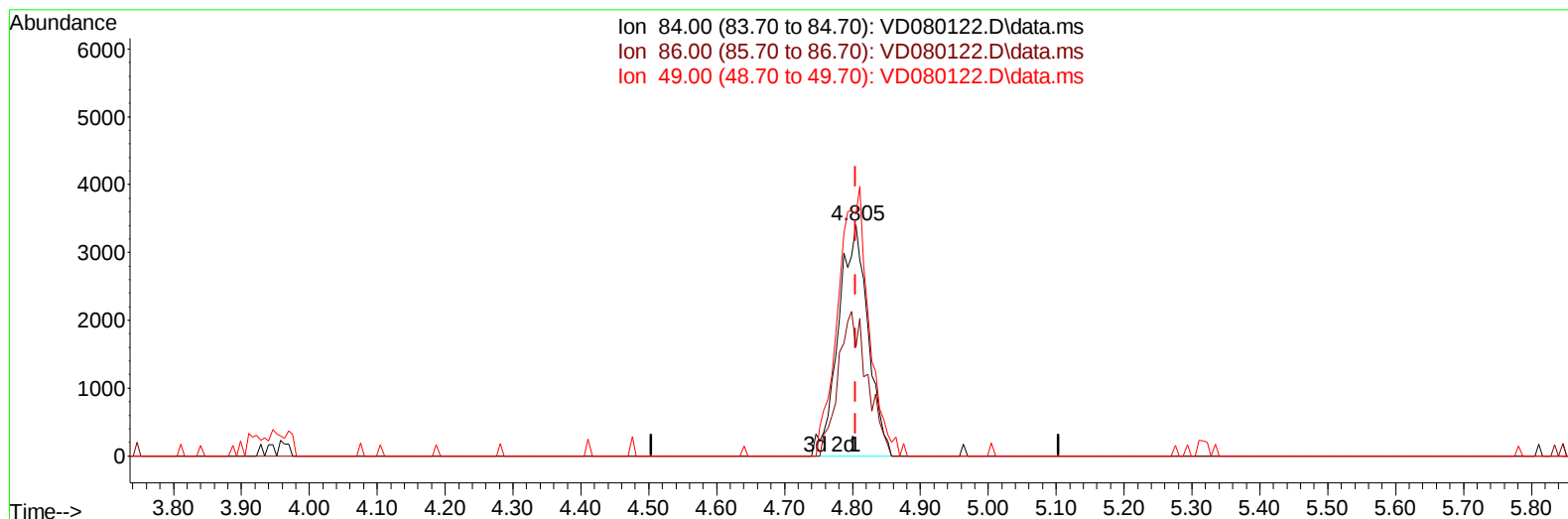
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 Data File : VD080122.D  
 Acq On : 11 Dec 2024 09:29  
 Operator : RP/MD  
 Sample : VSTD2.556  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTD2.5856

Manual IntegrationsAPPROVED

Quant Time: Dec 12 00:20:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 12 00:19:44 2024  
 Response via : Initial Calibration

Reviewed By :Romaben Patel 12/12/2024  
 Supervised By :Mahesh Dadoda 12/18/2024



TIC: VD080122.D\data.ms

**(16) Methylene chloride (T)**

**4.805min (+ 0.000) 2.72 ug/L m**

**response 10235**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 86.00 | 58.20  | 47.33  |
| 49.00 | 114.20 | 104.79 |
| 0.00  | 0.00   | 0.00   |

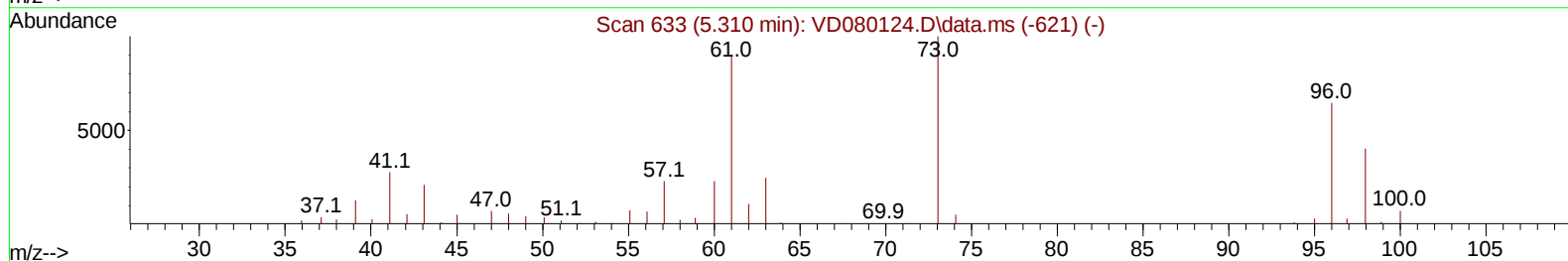
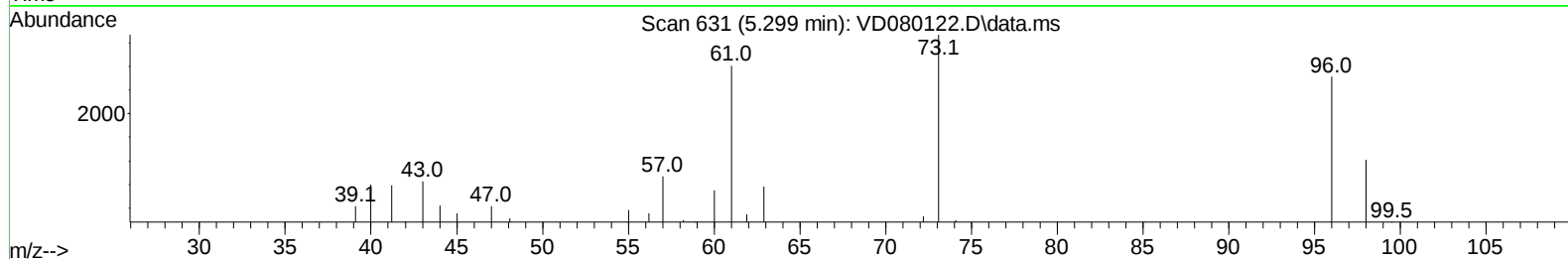
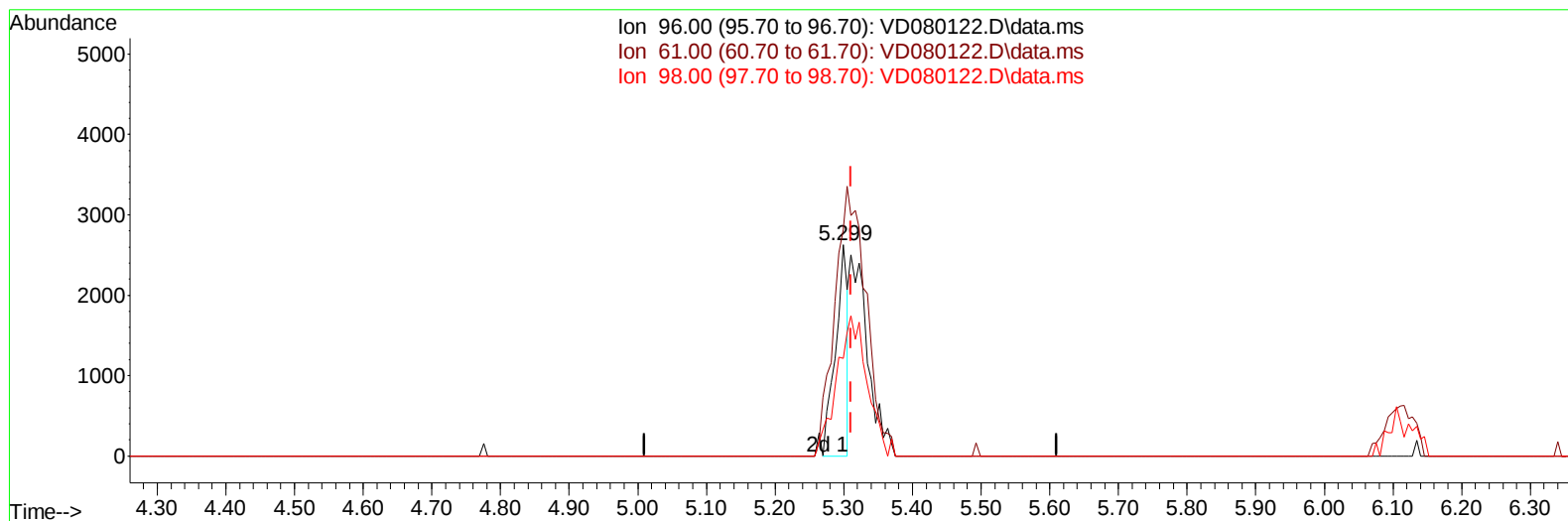
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Data File : VD080122.D  
Acq On : 11 Dec 2024 09:29  
Operator : RP/MD  
Sample : VSTD2.556  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Dec 12 00:19:44 2024  
Response via : Initial Calibration



TIC: VD080122.D\data.ms

## (17) trans-1,2-Dichloroethene (T)

5.299min (-0.011) 0.96 ug/L

response 3211

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 139.20 | 107.27 |
| 98.00 | 63.30  | 46.17  |
| 0.00  | 0.00   | 0.00   |

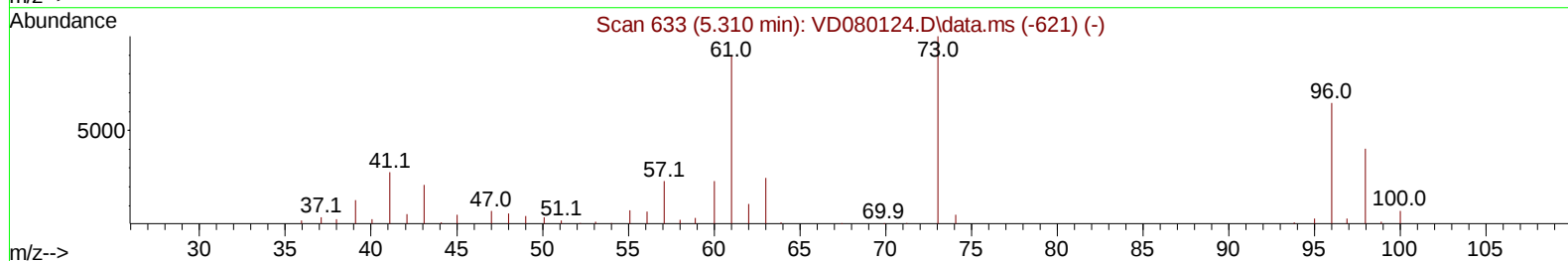
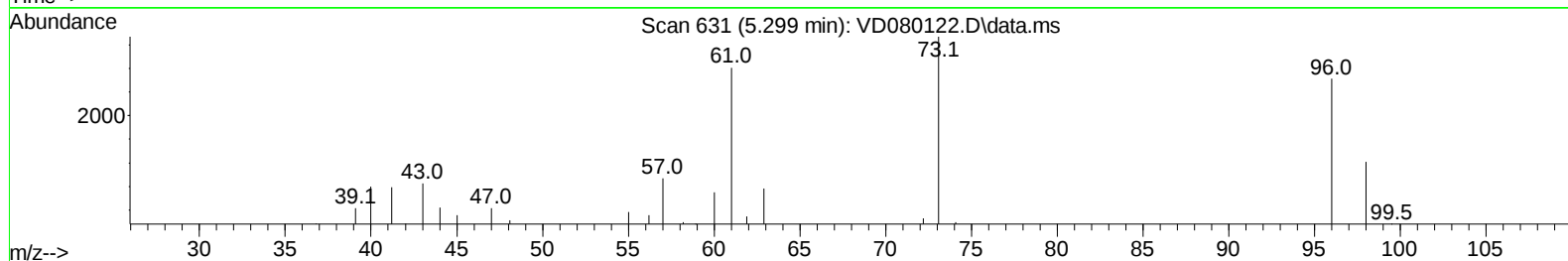
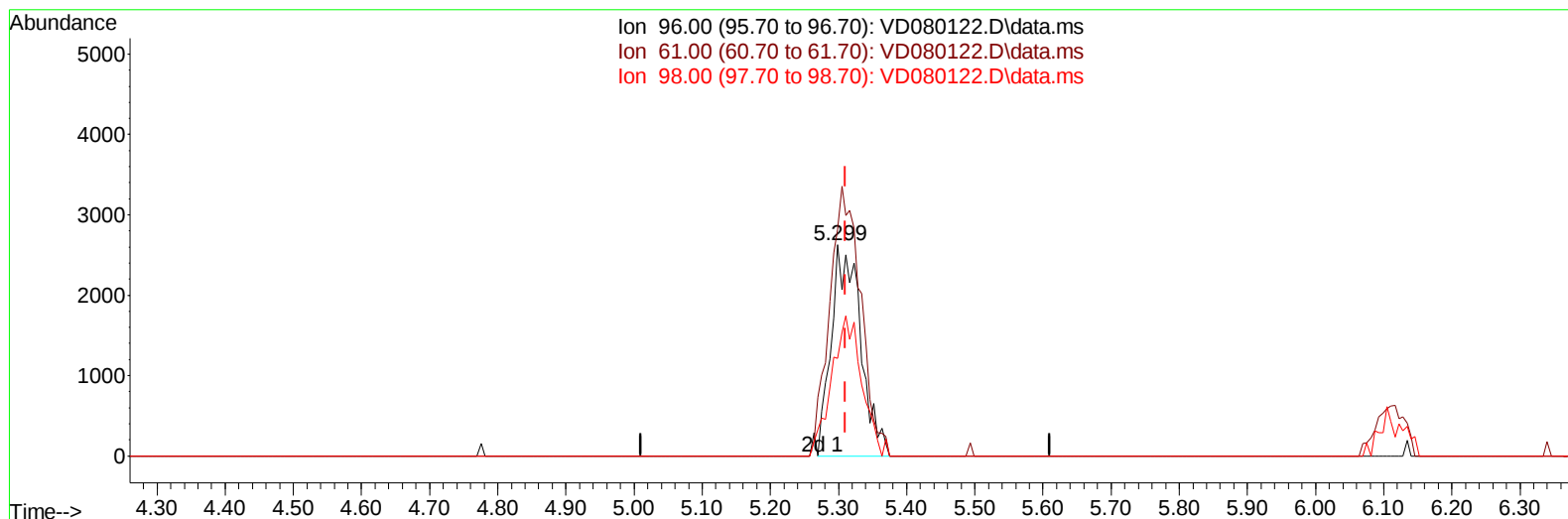
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Data File : VD080122.D  
Acq On : 11 Dec 2024 09:29  
Operator : RP/MD  
Sample : VSTD2.556  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Dec 12 00:19:44 2024  
Response via : Initial Calibration



TIC: VD080122.D\data.ms

## (17) trans-1,2-Dichloroethene (T)

5.299min (-0.011) 2.33 ug/L m

response 7809

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 139.20 | 107.27 |
| 98.00 | 63.30  | 46.17  |
| 0.00  | 0.00   | 0.00   |

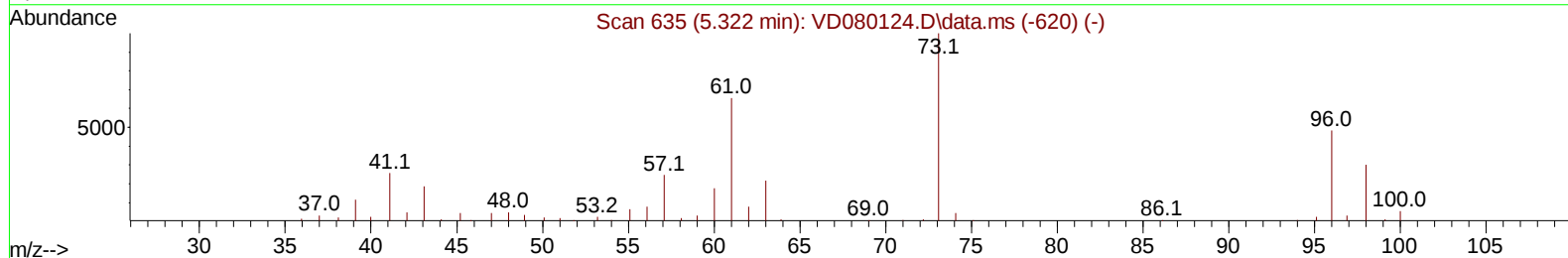
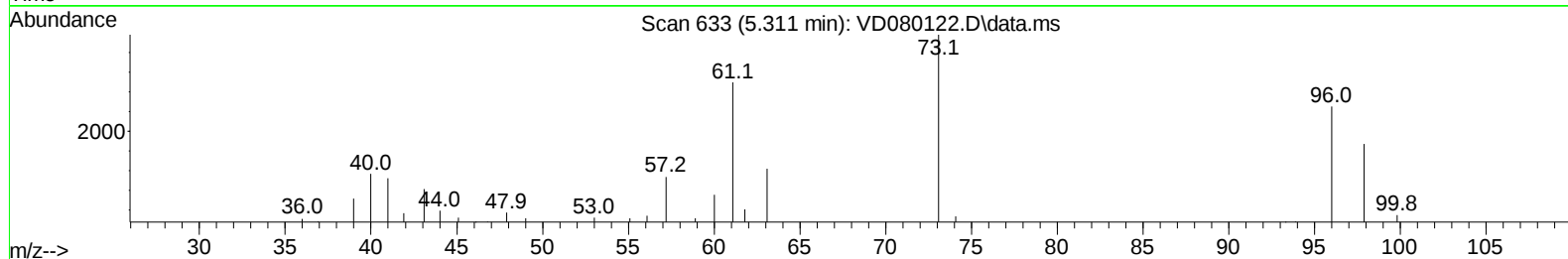
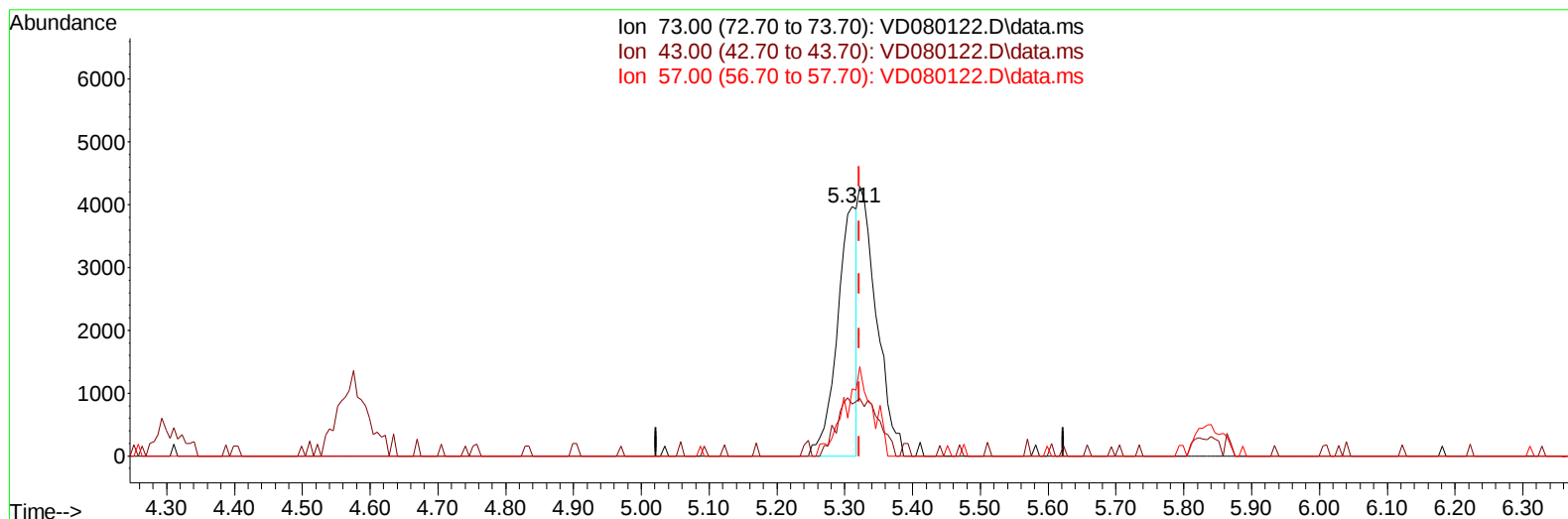
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Data File : VD080122.D  
Acq On : 11 Dec 2024 09:29  
Operator : RP/MD  
Sample : VSTD2.556  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Dec 12 00:19:44 2024  
Response via : Initial Calibration



TIC: VD080122.D\data.ms

## (18) Methyl tert-butyl Ether (T)

5.311min (-0.011) 1.11 ug/L

response 7977

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 73.00 | 100.00 | 100.00 |
| 43.00 | 0.00   | 19.92# |
| 57.00 | 23.60  | 10.05# |
| 0.00  | 0.00   | 0.00   |

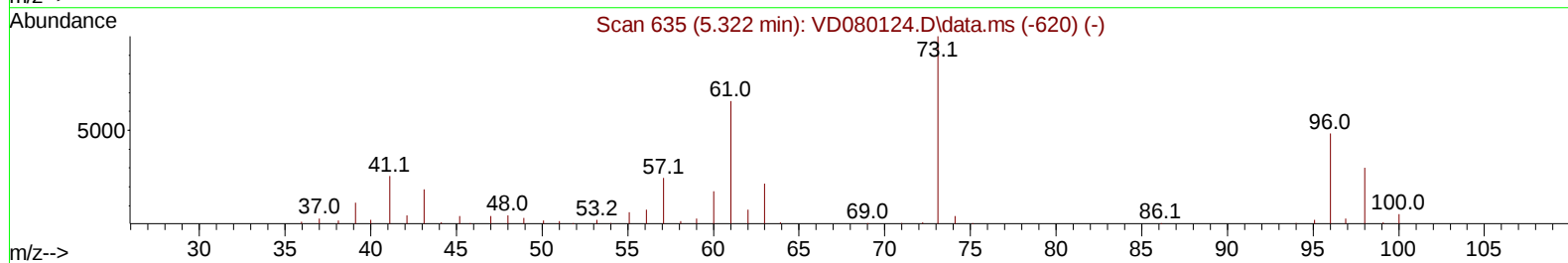
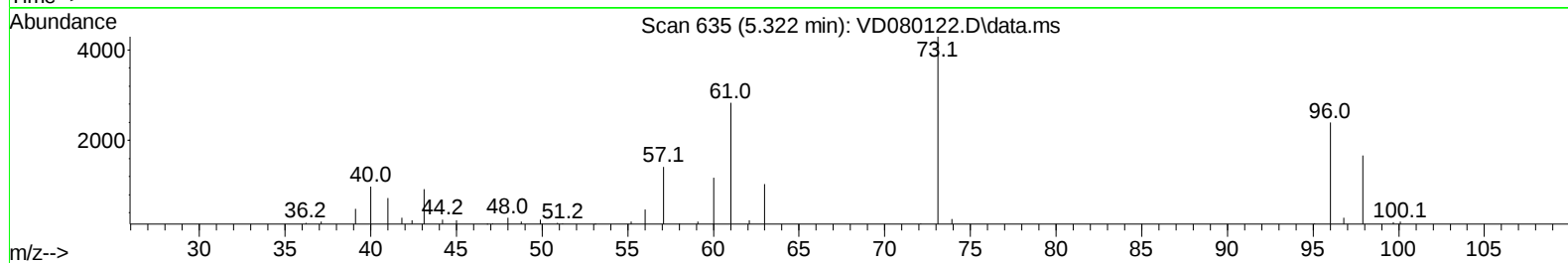
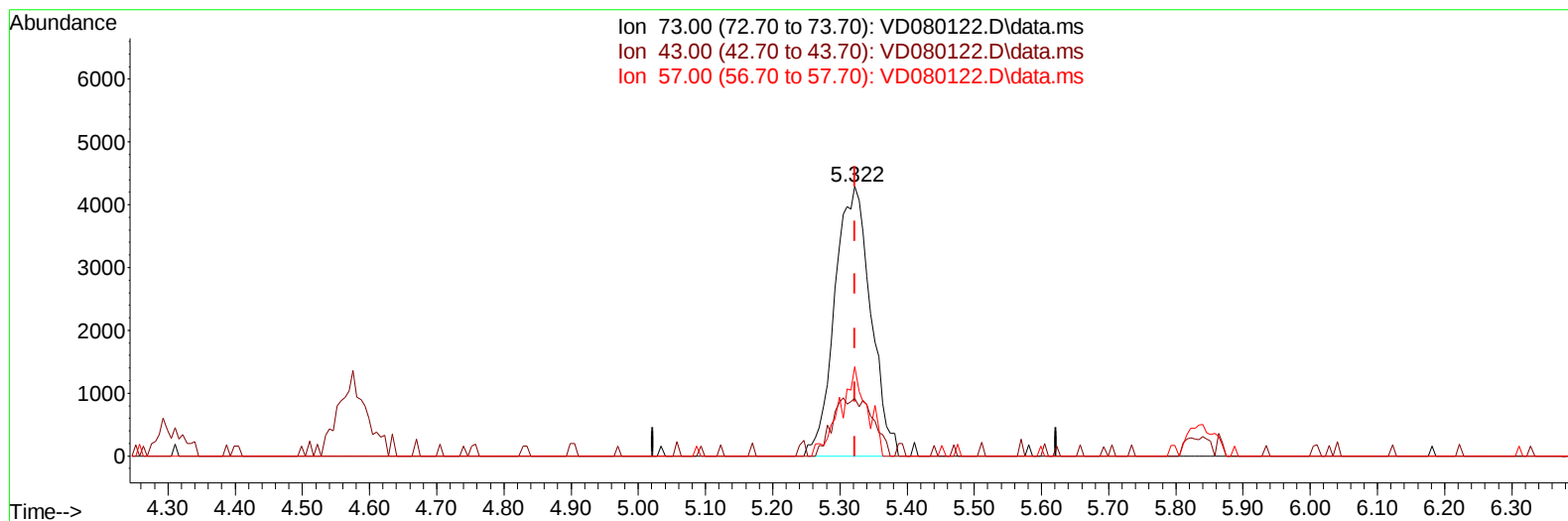
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Data File : VD080122.D  
Acq On : 11 Dec 2024 09:29  
Operator : RP/MD  
Sample : VSTD2.556  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Dec 12 00:19:44 2024  
Response via : Initial Calibration



TIC: VD080122.D\data.ms

## (18) Methyl tert-butyl Ether (T)

5.322min (+ 0.000) 2.21 ug/L m

response 15907

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 73.00 | 100.00 | 100.00 |
| 43.00 | 0.00   | 9.99#  |
| 57.00 | 23.60  | 5.04#  |
| 0.00  | 0.00   | 0.00   |

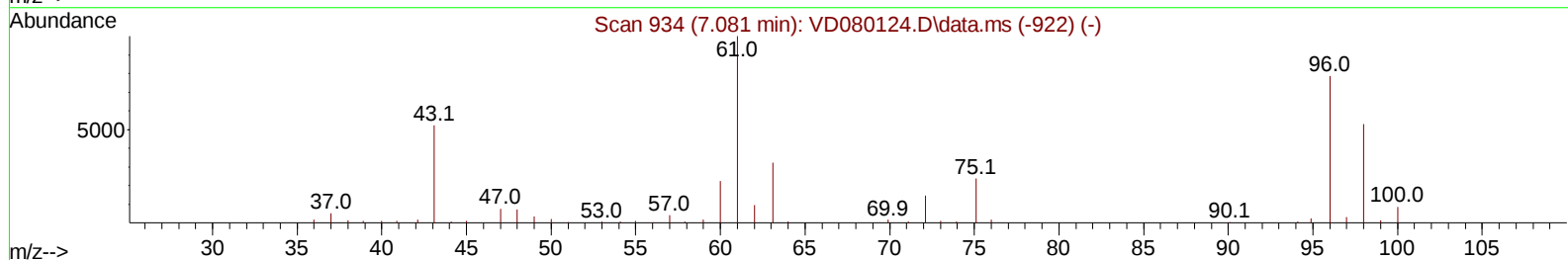
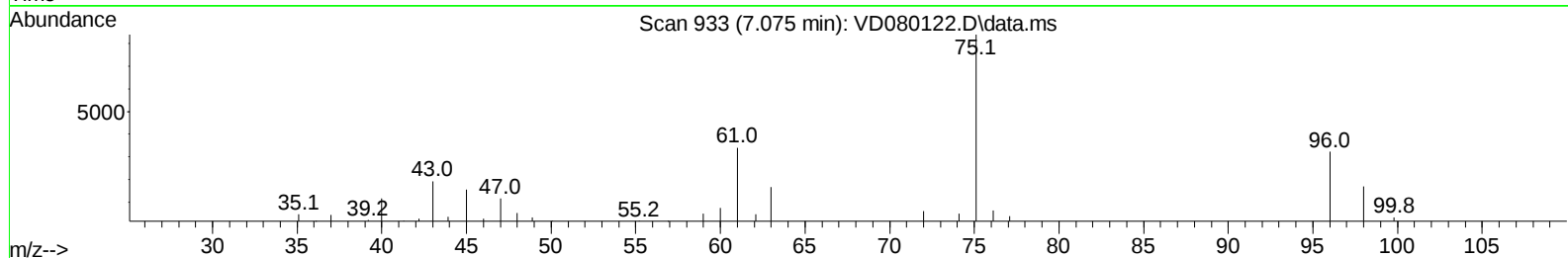
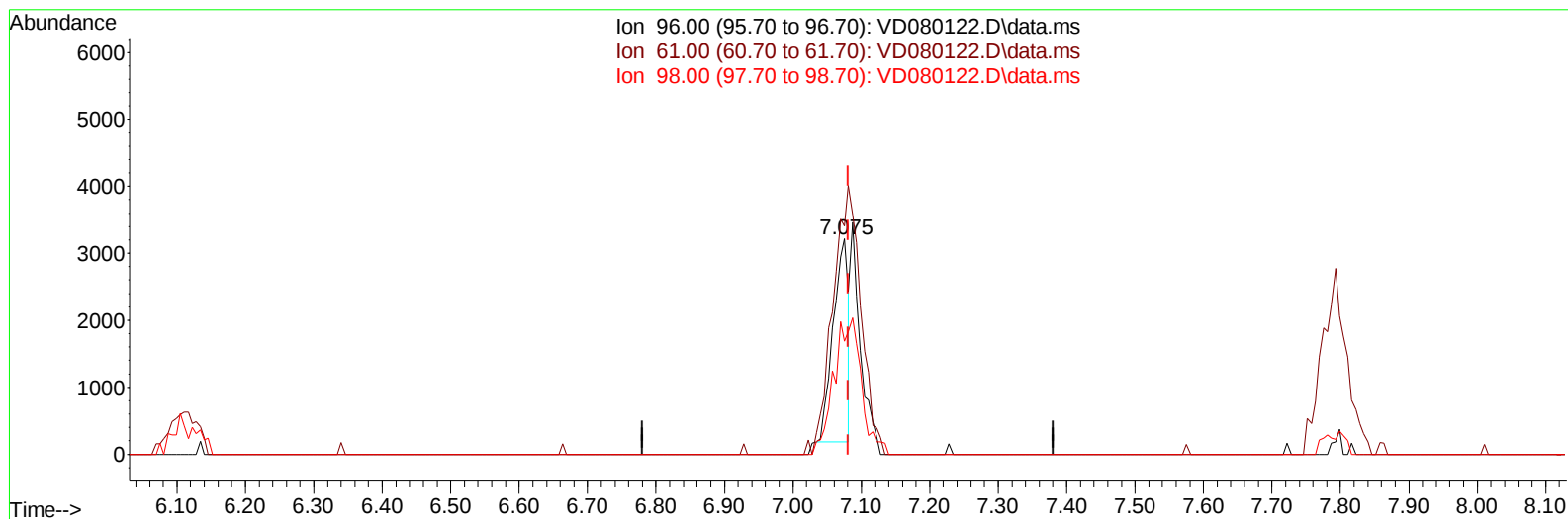
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 Data File : VD080122.D  
 Acq On : 11 Dec 2024 09:29  
 Operator : RP/MD  
 Sample : VSTD2.556  
 Misc : 5.00G/10ml/MSVOA\_D/SoIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
 Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 12 00:19:44 2024  
 Response via : Initial Calibration



TIC: VD080122.D\data.ms

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

7.075min (-0.006) 1.31 ug/L

response 4702

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 127.30 | 105.84 |
| 98.00 | 67.50  | 52.60  |
| 0.00  | 0.00   | 0.00   |

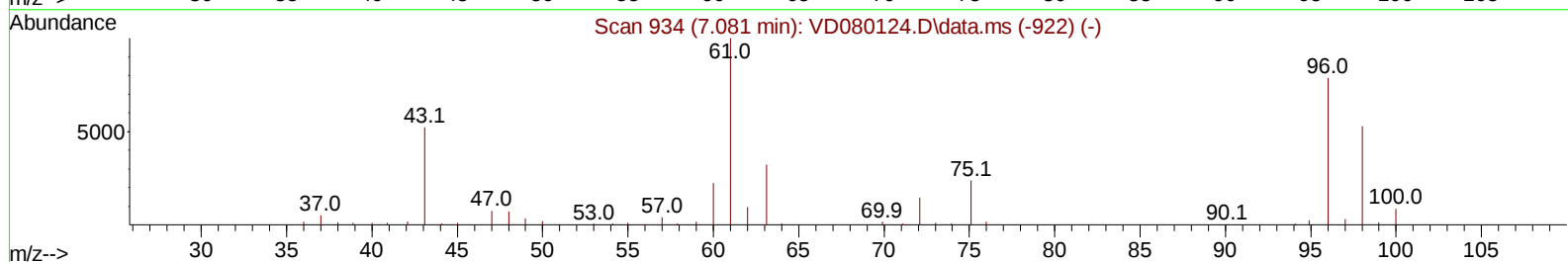
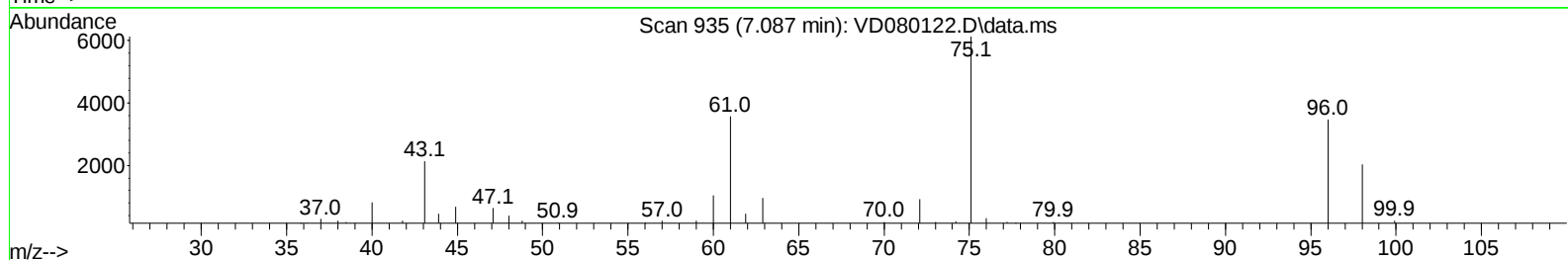
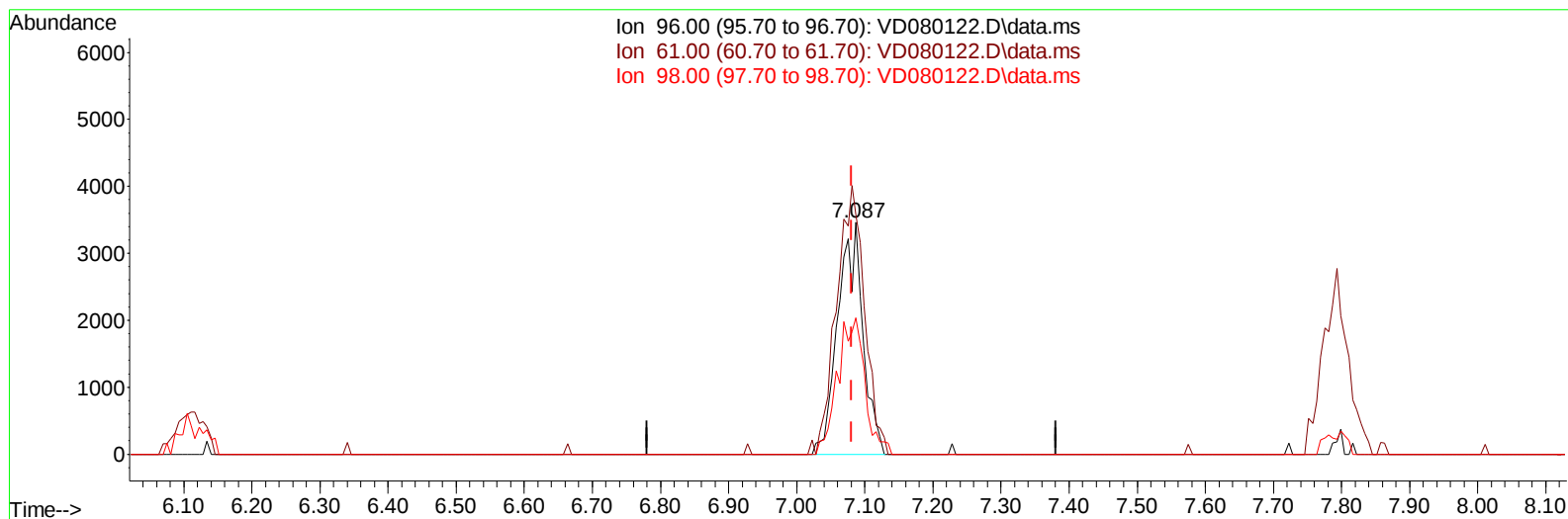
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Data File : VD080122.D  
Acq On : 11 Dec 2024 09:29  
Operator : RP/MD  
Sample : VSTD2.556  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Dec 12 00:19:44 2024  
Response via : Initial Calibration



TIC: VD080122.D\data.ms

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

7.087min (+ 0.006) 2.45 ug/L m

response 8807

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 127.30 | 103.26 |
| 98.00 | 67.50  | 58.77  |
| 0.00  | 0.00   | 0.00   |

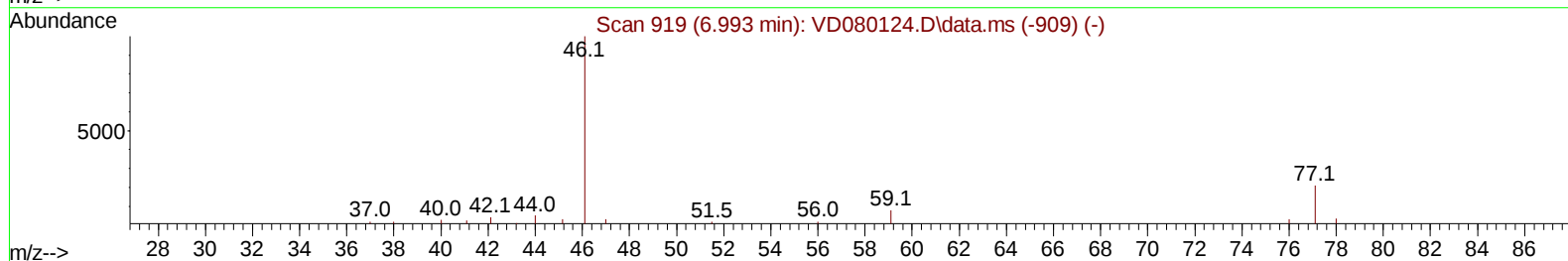
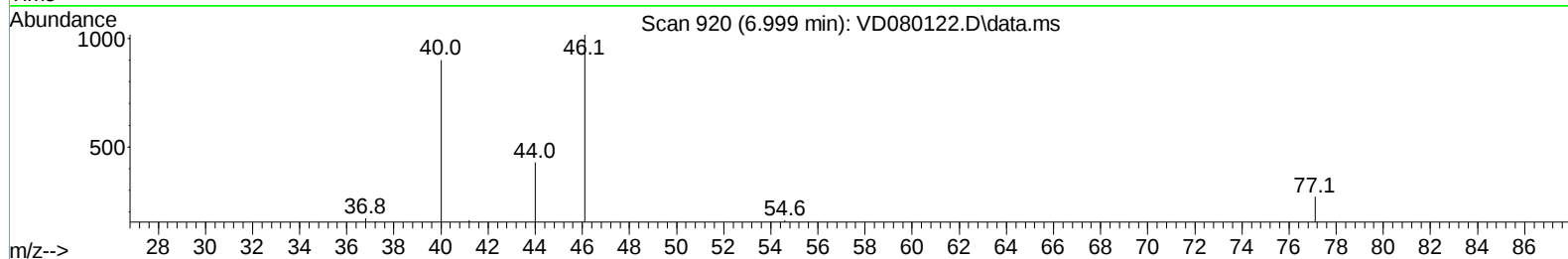
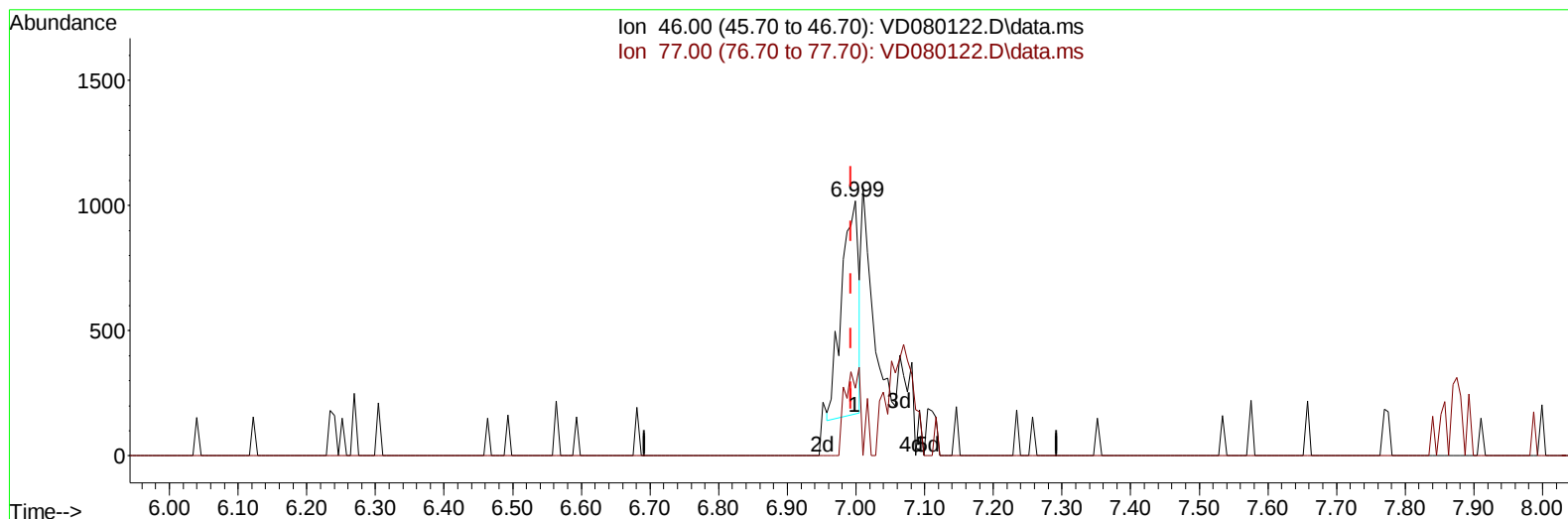
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121124\  
 Data File : VD080122.D  
 Acq On : 11 Dec 2024 09:29  
 Operator : RP/MD  
 Sample : VSTD2.556  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTD2.5856

Manual IntegrationsAPPROVED

Quant Time: Dec 12 00:20:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 12 00:19:44 2024  
 Response via : Initial Calibration

Reviewed By :Romaben Patel 12/12/2024  
 Supervised By :Mahesh Dadoda 12/18/2024



TIC: VD080122.D\data.ms

**(21) 2-Butanone-d5 (S)**

**6.999min (+ 0.006) 2.02 ug/L**

**response 1481**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 23.70  | 34.98# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

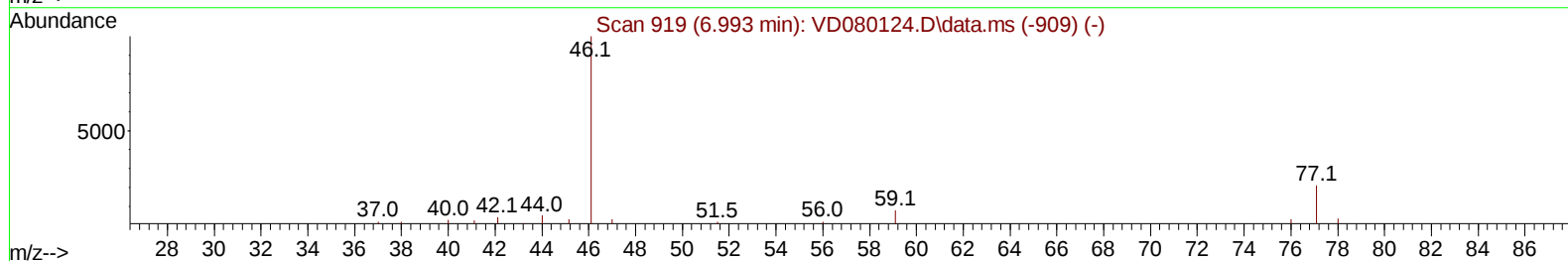
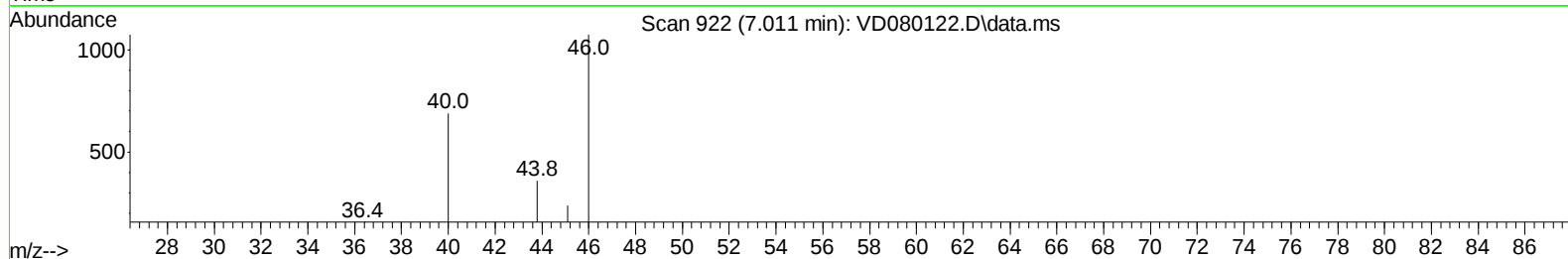
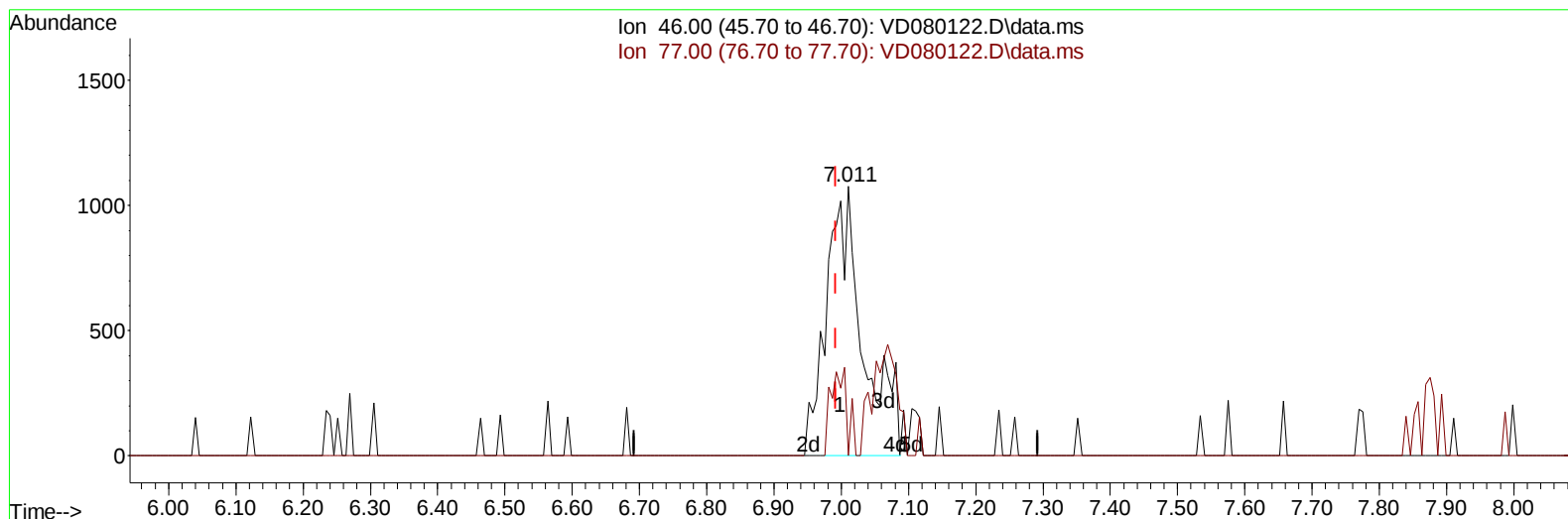
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121124\  
Data File : VD080122.D  
Acq On : 11 Dec 2024 09:29  
Operator : RP/MD  
Sample : VSTD2.556  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Dec 12 00:19:44 2024  
Response via : Initial Calibration



TIC: VD080122.D\data.ms

## (21) 2-Butanone-d5 (S)

7.011min (+ 0.018) 5.53 ug/L m

response 4061

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 23.70  | 12.76# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

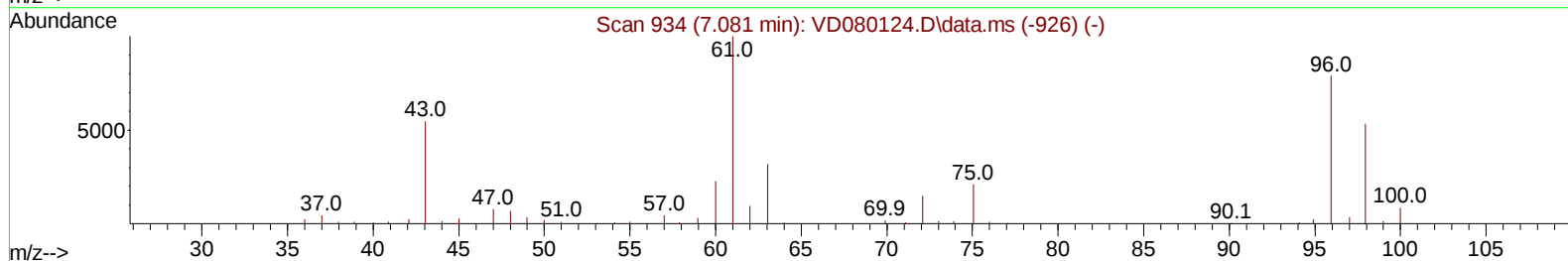
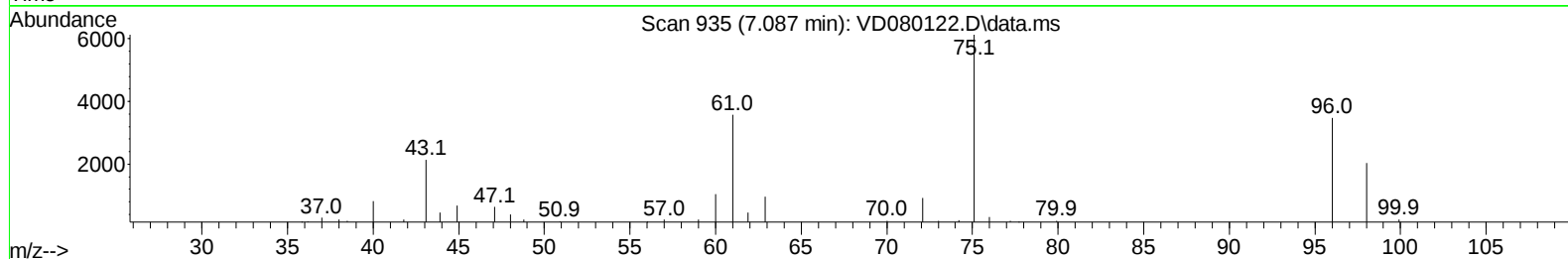
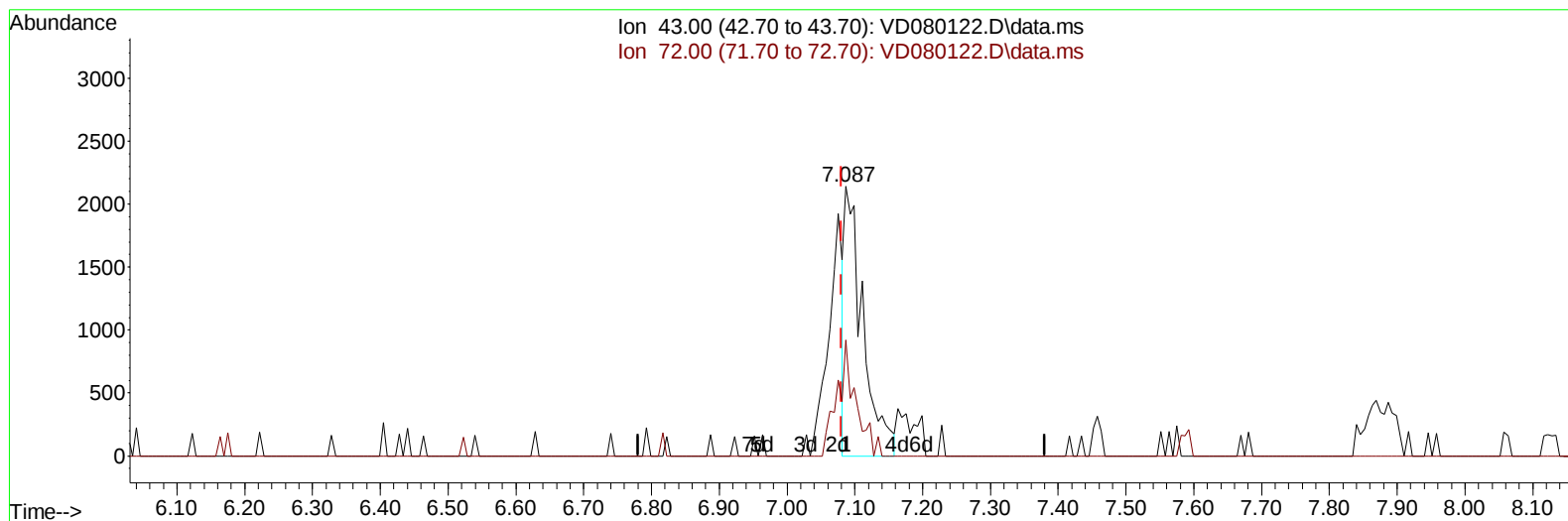
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121124\  
Data File : VD080122.D  
Acq On : 11 Dec 2024 09:29  
Operator : RP/MD  
Sample : VSTD2.556  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Dec 12 00:19:44 2024  
Response via : Initial Calibration



TIC: VD080122.D\data.ms

## (22) 2-Butanone (T)

7.087min (+ 0.006) 3.02 ug/L

response 3973

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 27.20  | 29.32  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

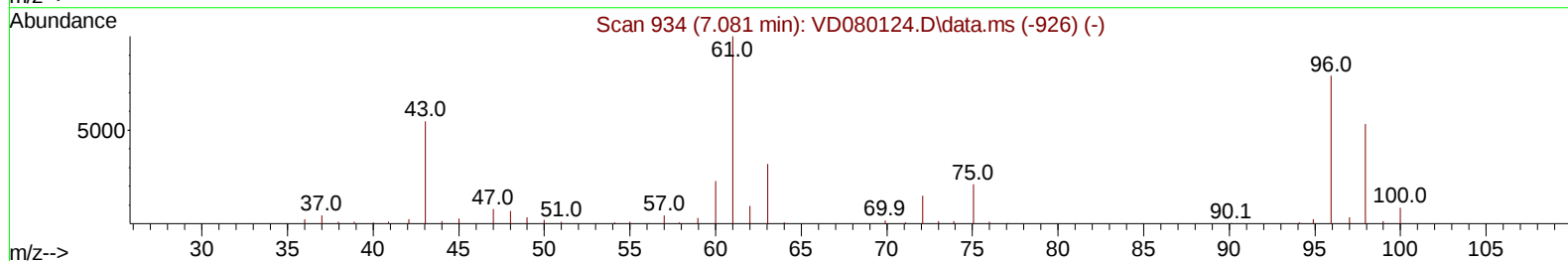
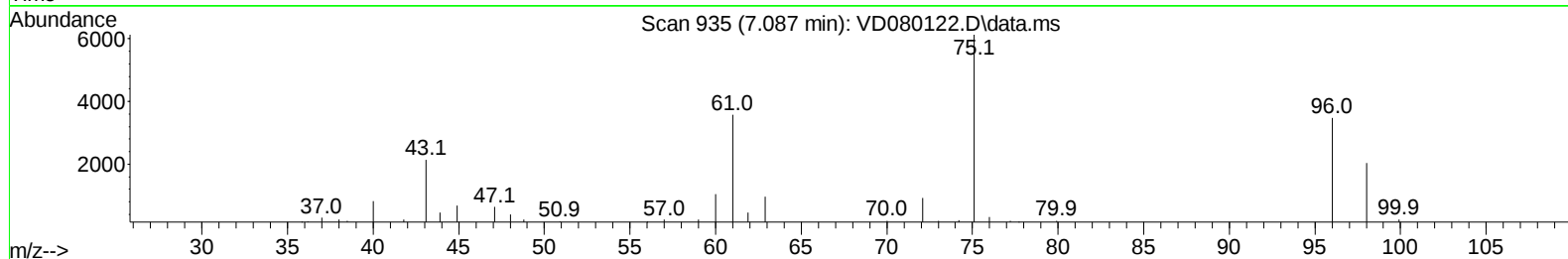
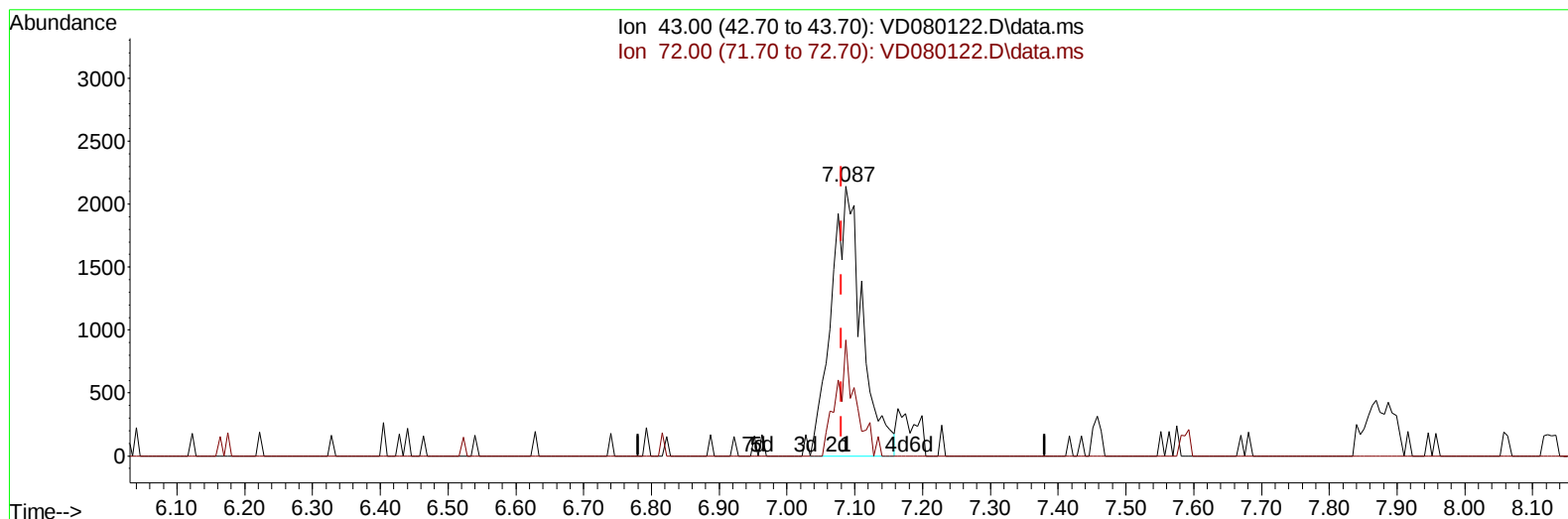
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121124\  
Data File : VD080122.D  
Acq On : 11 Dec 2024 09:29  
Operator : RP/MD  
Sample : VSTD2.556  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Dec 12 00:19:44 2024  
Response via : Initial Calibration



TIC: VD080122.D\data.ms

## (22) 2-Butanone (T)

7.087min (+ 0.006) 5.12 ug/L m

response 6733

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 27.20  | 17.30  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121124\  
 Data File : VD080122.D  
 Acq On : 11 Dec 2024 09:29  
 Operator : RP/MD  
 Sample : VSTD2.556  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTD2.5856

Manual IntegrationsAPPROVED

Quant Time: Dec 12 00:20:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 12 00:19:44 2024  
 Response via : Initial Calibration

Reviewed By :Romaben Patel 12/12/2024  
 Supervised By :Mahesh Dadoda 12/18/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114  | 218776   | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117  | 171976   | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152  | 84356    | 25.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 2.270  | 65   | 10764    | 3.087  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.793  | 69   | 9427     | 3.032  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 3.917  | 65   | 3632     | 2.709  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.011  | 46   | 4061m    | 5.528  | ug/L   | 0.02     |
| 24) Chloroform-d              | 7.569  | 84   | 16281    | 2.695  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65   | 8390     | 2.625  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.199  | 84   | 27758    | 2.716  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67   | 9898     | 2.853  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.269 | 98   | 24450    | 2.532  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79   | 4258     | 2.997  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.875 | 63   | 2470     | 4.707  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.646 | 84   | 8100     | 2.728  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.810 | 152  | 8148     | 2.675  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.940  | 85   | 8314     | 2.062  | ug/L   | 96       |
| 3) Chloromethane              | 2.158  | 50   | 9334     | 2.945  | ug/L   | 98       |
| 5) Vinyl chloride             | 2.281  | 62   | 12046    | 2.749  | ug/L   | 98       |
| 6) Bromomethane               | 2.693  | 94   | 7724     | 2.645  | ug/L   | 89       |
| 8) Chloroethane               | 2.834  | 64   | 8242     | 2.822  | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 3.170  | 101  | 15998    | 2.502  | ug/L   | 95       |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.958  | 101  | 9375     | 2.474  | ug/L # | 84       |
| 12) 1,1-Dichloroethene        | 3.940  | 96   | 7662     | 2.316  | ug/L   | 73       |
| 13) Acetone                   | 4.028  | 43   | 7969m    | 6.031  | ug/L   |          |
| 14) Carbon disulfide          | 4.269  | 76   | 25772    | 2.401  | ug/L   | 99       |
| 15) Methyl Acetate            | 4.575  | 43   | 3797m    | 2.396  | ug/L   |          |
| 16) Methylene chloride        | 4.805  | 84   | 10235m   | 2.723  | ug/L   |          |
| 17) trans-1,2-Dichloroethene  | 5.299  | 96   | 7809m    | 2.326  | ug/L   |          |
| 18) Methyl tert-butyl Ether   | 5.322  | 73   | 15907m   | 2.207  | ug/L   |          |
| 19) 1,1-Dichloroethane        | 6.111  | 63   | 16390    | 2.566  | ug/L # | 86       |
| 20) cis-1,2-Dichloroethene    | 7.087  | 96   | 8807m    | 2.447  | ug/L   |          |
| 22) 2-Butanone                | 7.087  | 43   | 6733m    | 5.125  | ug/L   |          |
| 23) Bromochloromethane        | 7.422  | 128  | 4811     | 2.742  | ug/L   | 93       |
| 25) Chloroform                | 7.593  | 83   | 21085    | 2.919  | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 8.328  | 62   | 10563    | 2.557  | ug/L # | 82       |
| 29) Cyclohexane               | 7.875  | 56   | 8890     | 2.172  | ug/L   | 85       |
| 30) 1,1,1-Trichloroethane     | 7.793  | 97   | 15131    | 3.038  | ug/L   | 98       |
| 31) Carbon tetrachloride      | 7.993  | 117  | 11965    | 2.899  | ug/L   | 96       |
| 33) Benzene                   | 8.252  | 78   | 33817    | 2.723  | ug/L   | 100      |
| 34) Trichloroethene           | 9.028  | 95   | 9729     | 2.882  | ug/L   | 93       |
| 35) Methylcyclohexane         | 9.275  | 83   | 11526    | 2.311  | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 9.305  | 63   | 10470    | 2.942  | ug/L # | 96       |
| 38) Bromodichloromethane      | 9.587  | 83   | 13628    | 3.037  | ug/L # | 98       |
| 39) cis-1,3-Dichloropropene   | 10.016 | 75   | 13685    | 2.694  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 10.157 | 43   | 9976     | 5.070  | ug/L   | 98       |
| 42) Toluene                   | 10.334 | 91   | 33673    | 2.499  | ug/L   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121124\  
 Data File : VD080122.D  
 Acq On : 11 Dec 2024 09:29  
 Operator : RP/MD  
 Sample : VSTD2.556  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
 Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 12 00:19:44 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 44) trans-1,3-Dichloropropene | 10.552 | 75   | 10992    | 2.627 | ug/L   | 87       |
| 45) 1,1,2-Trichloroethane     | 10.728 | 97   | 7539     | 2.945 | ug/L   | 93       |
| 46) Tetrachloroethene         | 10.804 | 164  | 6303     | 2.696 | ug/L   | 89       |
| 48) 2-Hexanone                | 10.922 | 43   | 7602     | 4.843 | ug/L # | 98       |
| 49) Dibromochloromethane      | 11.069 | 129  | 7795     | 2.805 | ug/L   | 80       |
| 50) 1,2-Dibromoethane         | 11.181 | 107  | 6169     | 2.718 | ug/L   | 91       |
| 51) Chlorobenzene             | 11.604 | 112  | 21567    | 2.674 | ug/L   | 96       |
| 52) Ethylbenzene              | 11.681 | 91   | 31795    | 2.376 | ug/L   | 98       |
| 53) m,p-Xylene                | 11.793 | 106  | 12949    | 2.531 | ug/L   | 77       |
| 54) o-Xylene                  | 12.122 | 106  | 12141    | 2.473 | ug/L   | 84       |
| 55) Styrene                   | 12.134 | 104  | 21423    | 2.411 | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 9436     | 2.894 | ug/L   | 87       |
| 59) Bromoform                 | 12.293 | 173  | 5512     | 3.397 | ug/L   | 93       |
| 60) Isopropylbenzene          | 12.416 | 105  | 34995    | 2.915 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 12.728 | 75   | 6341     | 3.048 | ug/L   | 94       |
| 62) 1,3,5-Trimethylbenzene    | 12.898 | 105  | 24505    | 2.448 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 22428    | 2.355 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 13.457 | 146  | 15527    | 2.659 | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 13.534 | 146  | 17469    | 2.775 | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 13.828 | 146  | 14632    | 2.595 | ug/L # | 86       |
| 68) 1,2-Dibromo-3-chloropr... | 14.451 | 75   | 1268     | 3.022 | ug/L   | 86       |
| 69) 1,3,5-Trichlorobenzene    | 14.592 | 180  | 13707    | 3.398 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.098 | 180  | 9758     | 3.026 | ug/L   | 96       |
| 71) Naphthalene               | 15.328 | 128  | 17289    | 2.822 | ug/L   | 97       |
| 72) 1,2,3-Trichlorobenzene    | 15.516 | 180  | 10868    | 3.348 | ug/L   | 96       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121124\  
Data File : VD080122.D  
Acq On : 11 Dec 2024 09:29  
Operator : RP/MD  
Sample : VSTD2.556  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTD2.5856

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 12/12/2024  
Supervised By :Mahesh Dadoda 12/18/2024

Quant Time: Dec 12 00:20:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM121124SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Dec 12 00:19:44 2024  
Response via : Initial Calibration

