

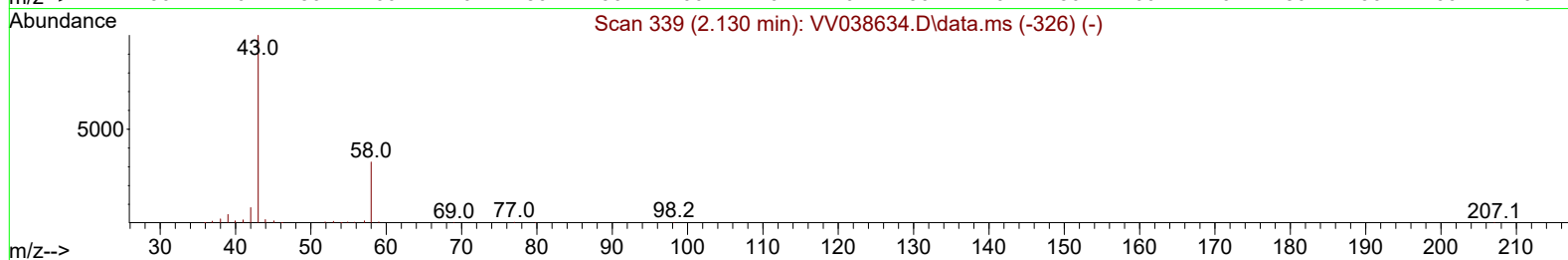
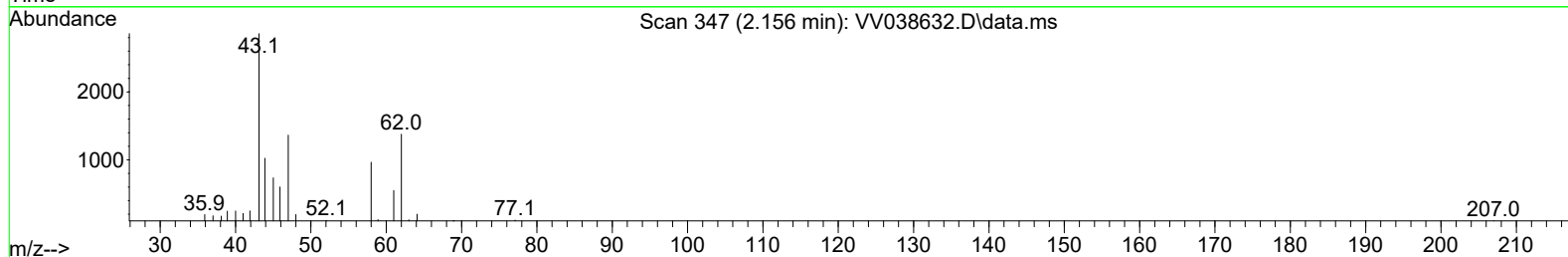
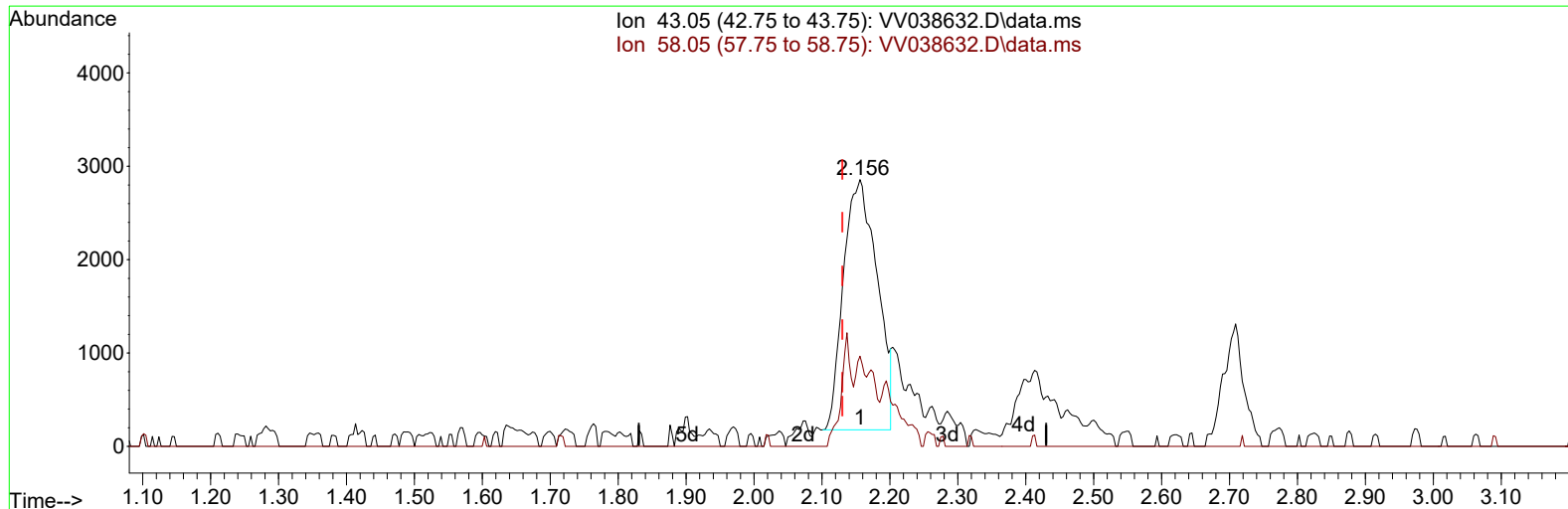
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

## (13) Acetone (T)

2.156min (+ 0.026) 4.29 ug/L

response 9216

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 33.70  | 3.32   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

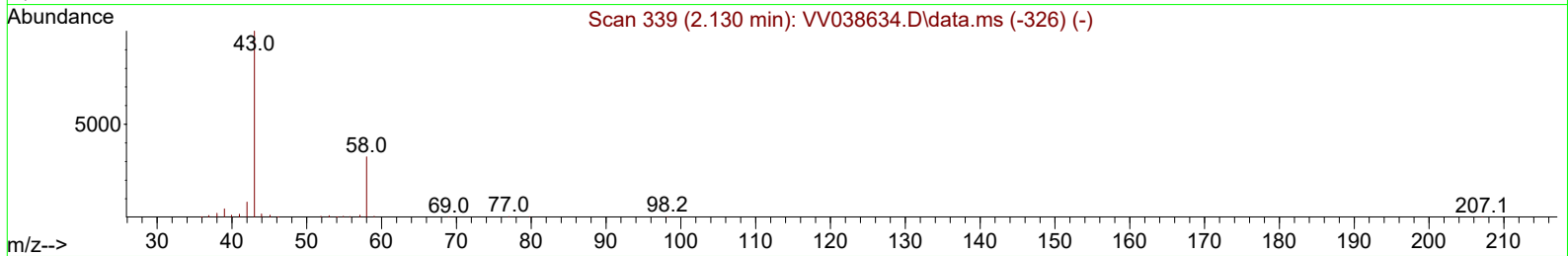
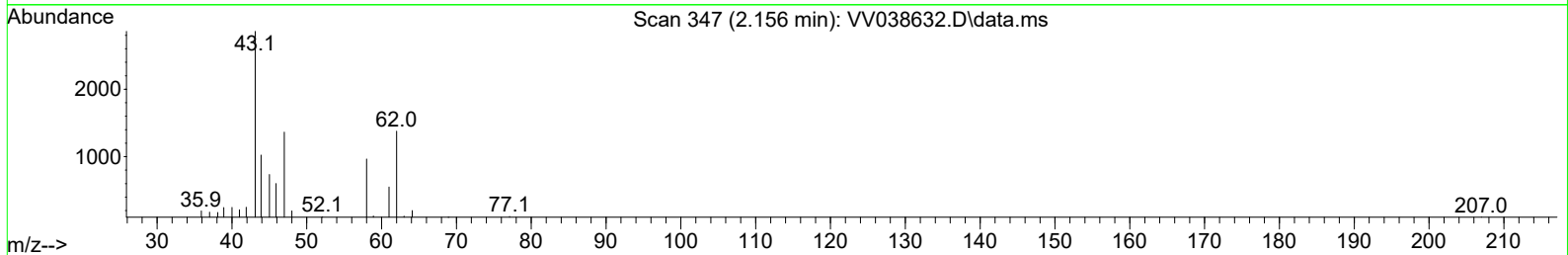
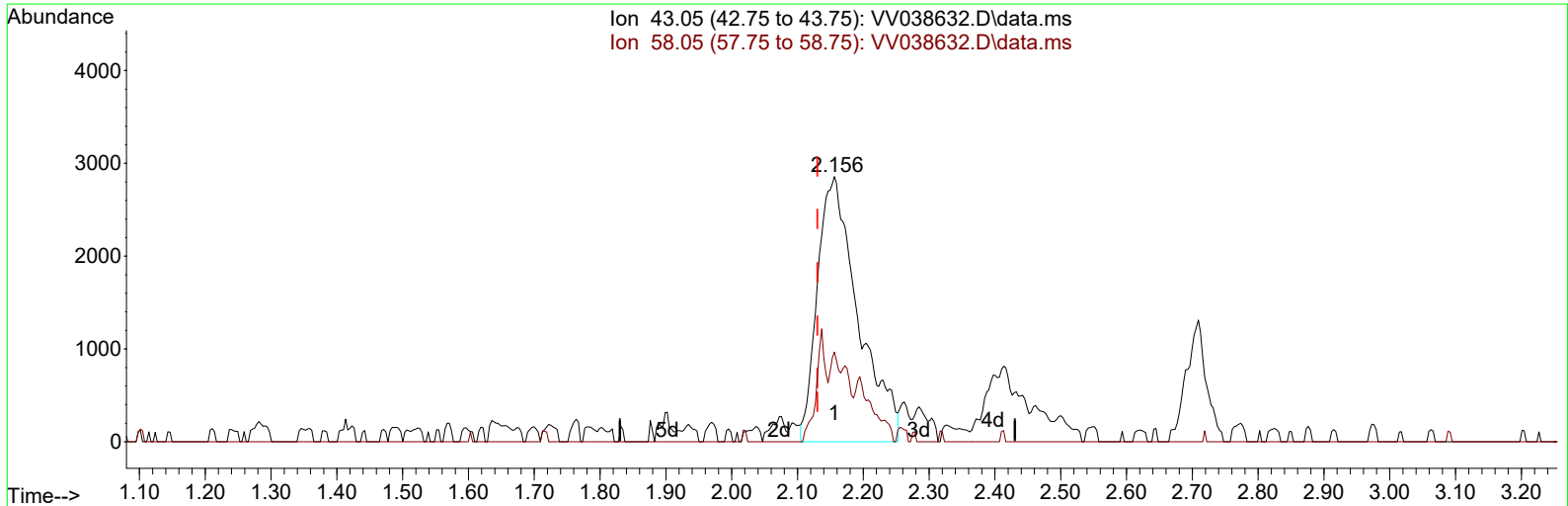
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

## (13) Acetone (T)

2.156min (+ 0.026) 5.72 ug/L m

response 12275

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 33.70  | 2.49   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

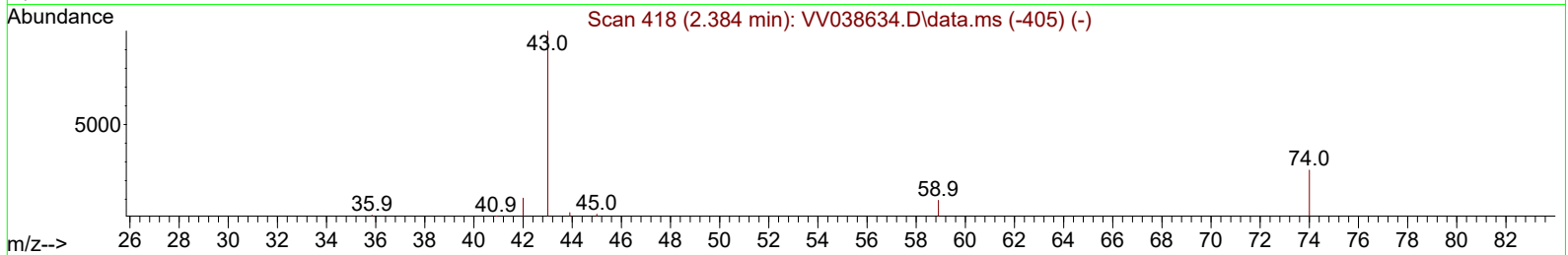
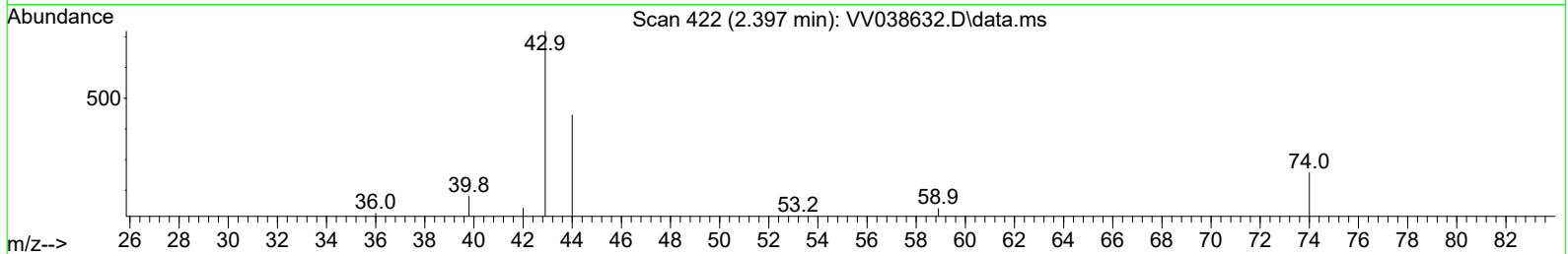
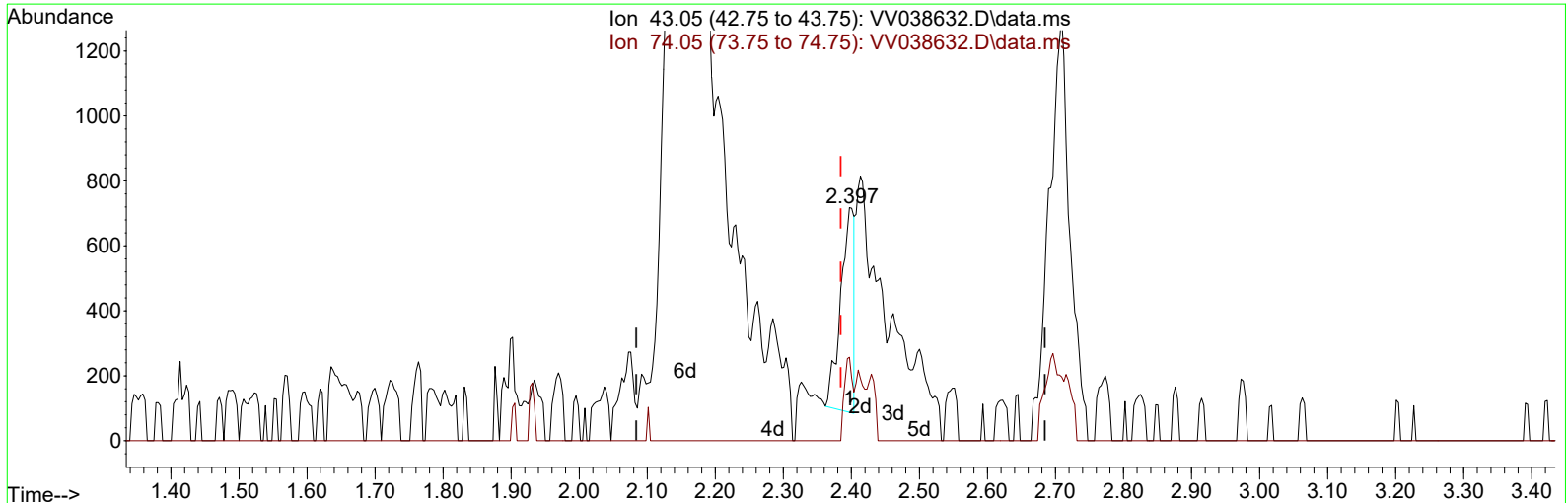
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

## (15) Methyl Acetate (T)

2.397min (+ 0.013) 0.16 ug/L

response 863

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 74.05 | 23.20  | 25.72  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

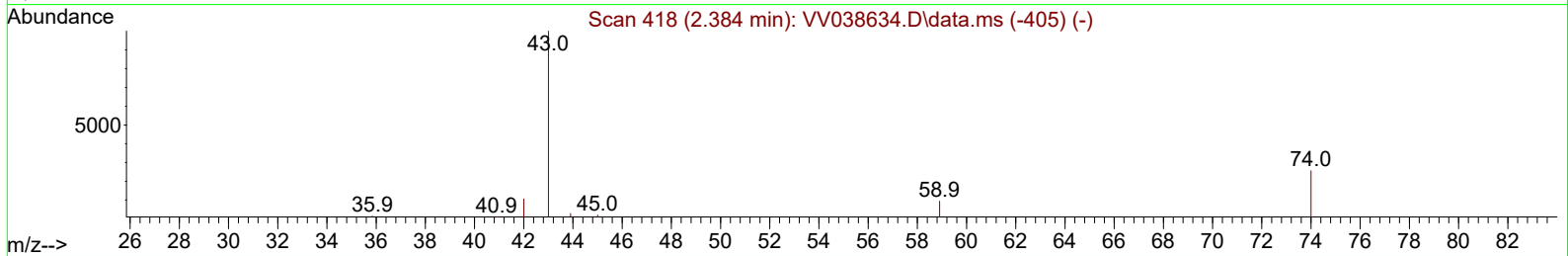
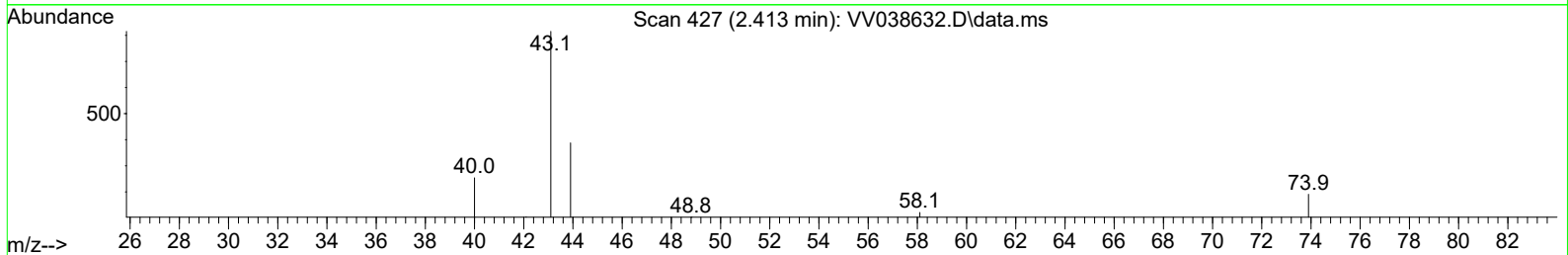
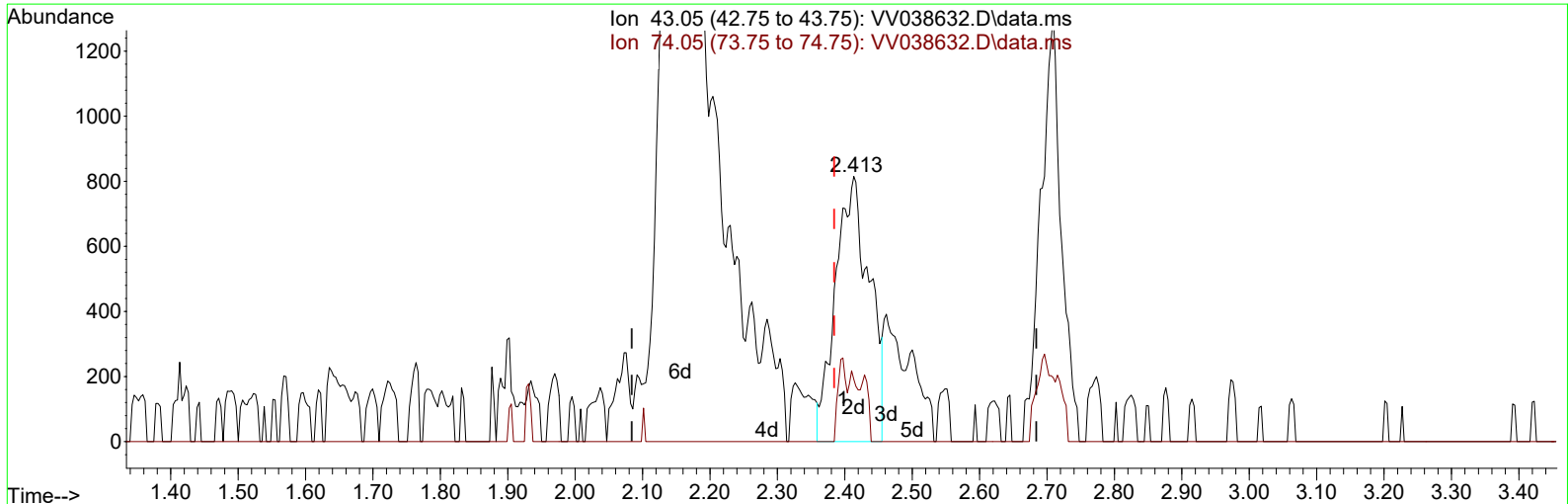
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

## (15) Methyl Acetate (T)

2.413min (+ 0.029) 0.52 ug/L m

response 2833

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 74.05 | 23.20  | 7.84#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

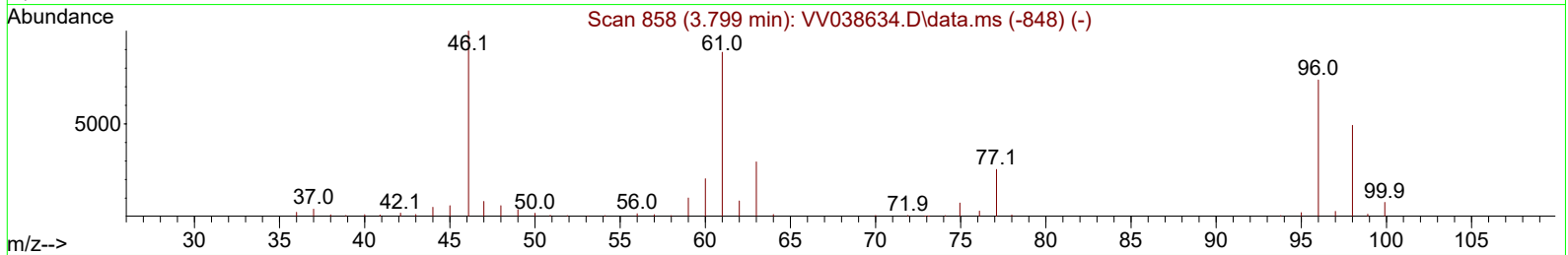
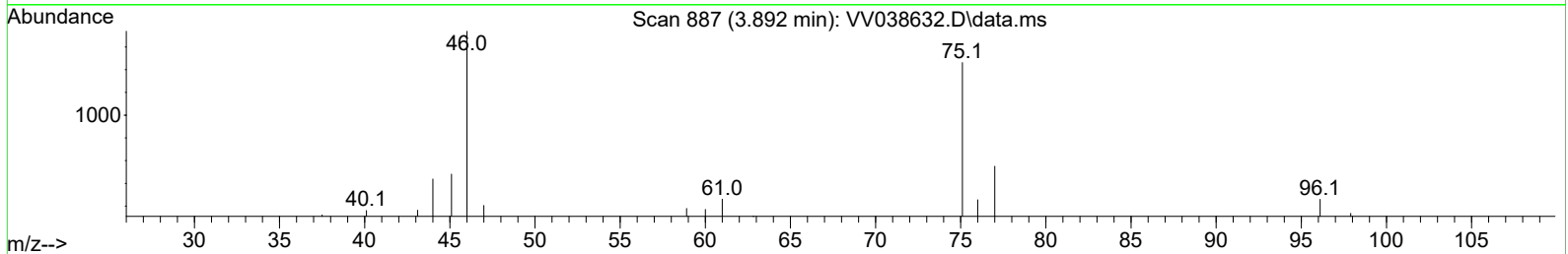
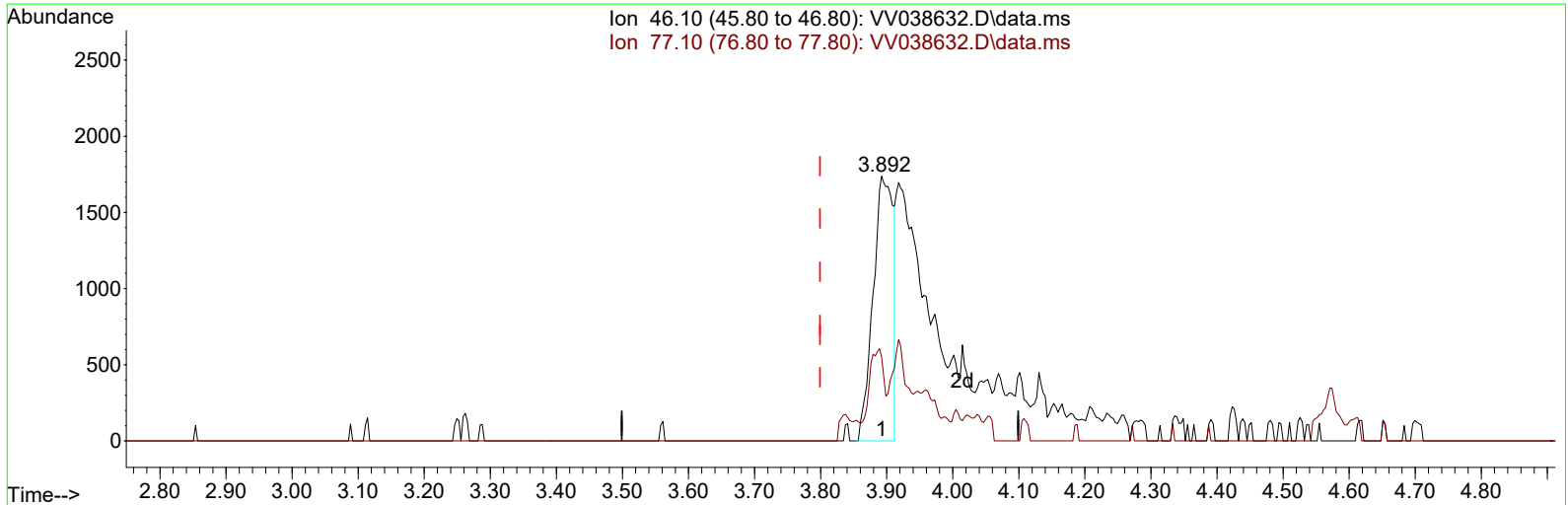
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

**(20) 2-Butanone-d5 (S)****3.892min (+ 0.093) 1.31 ug/L****response 3656**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 23.70  | 19.23  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

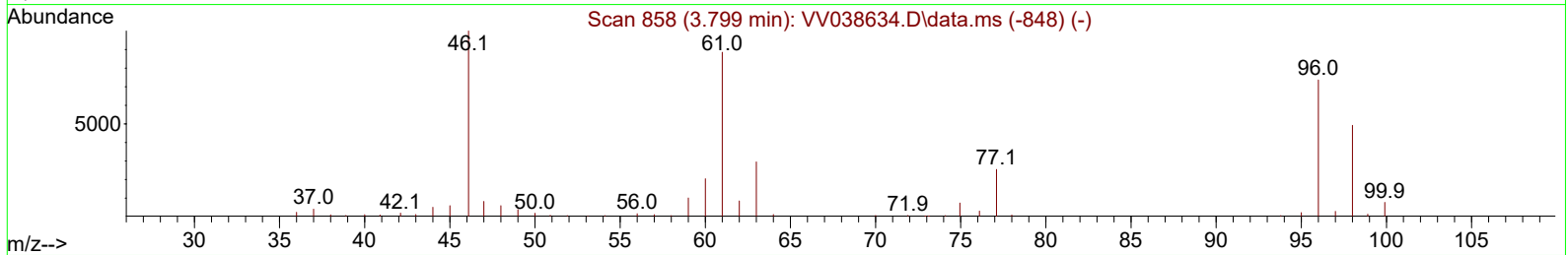
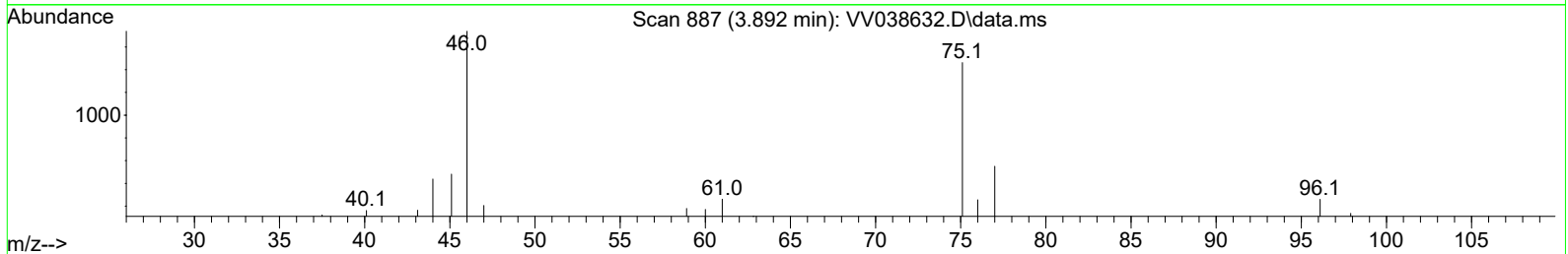
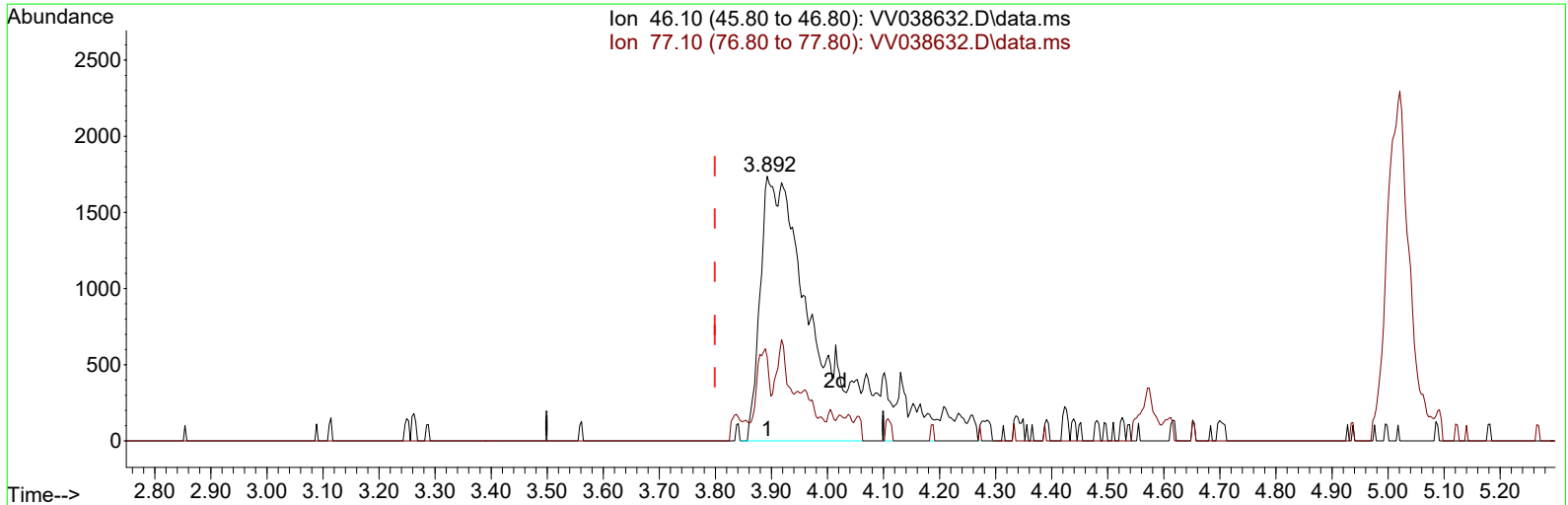
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

## (20) 2-Butanone-d5 (S)

3.892min (+ 0.093) 4.84 ug/L m

response 13550

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 23.70  | 5.19#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

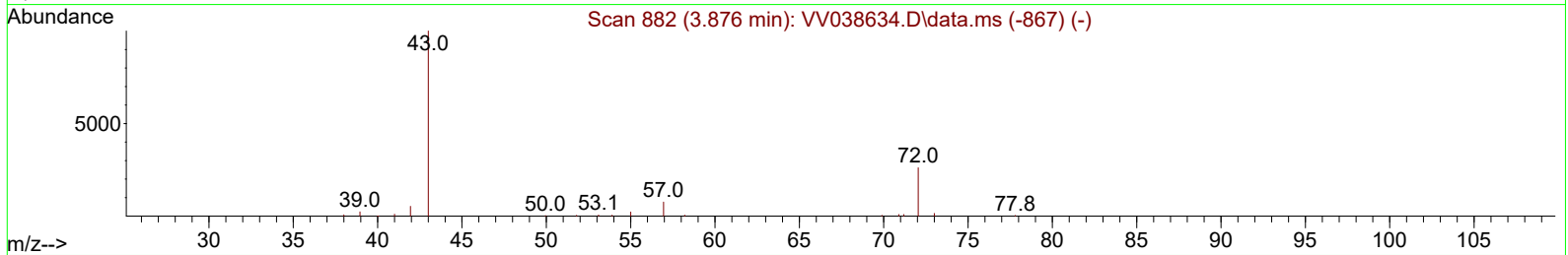
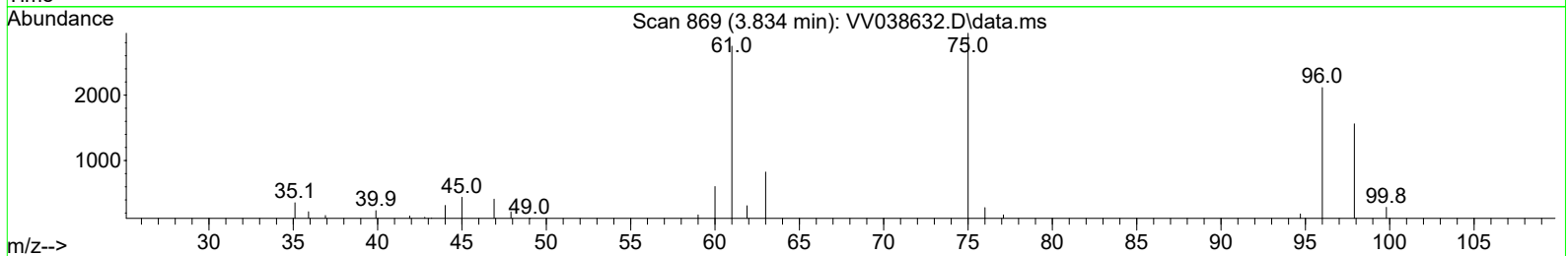
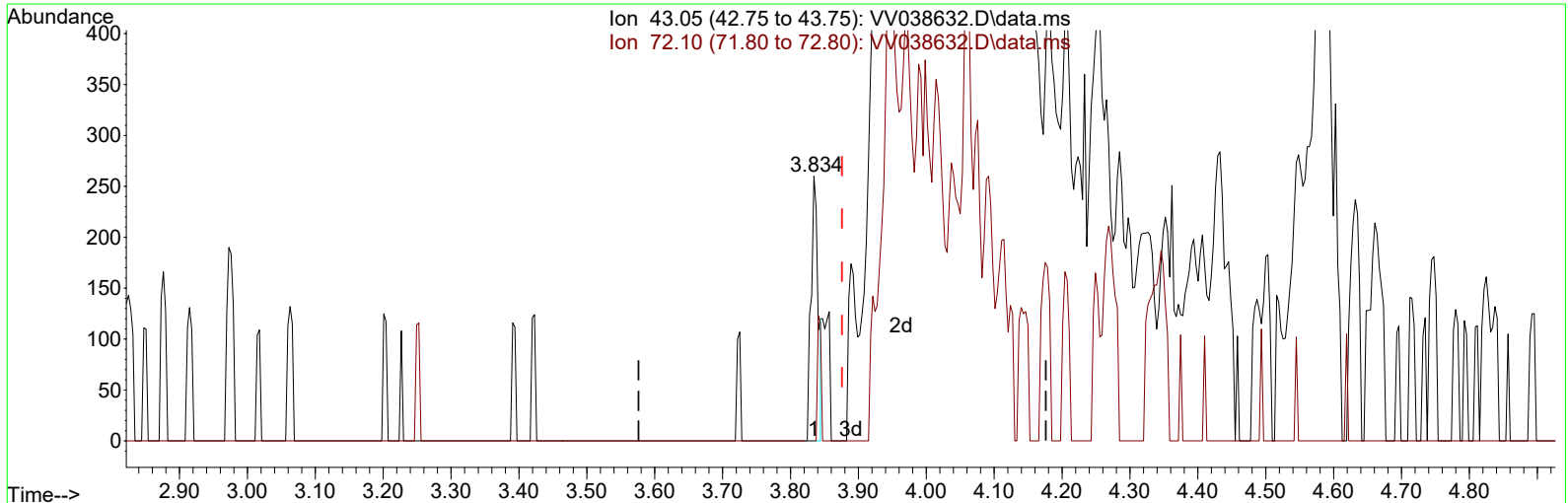
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

## (21) 2-Butanone (T)

3.834min (-0.042) 0.06 ug/L

response 190

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 23.70  | 24.21  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

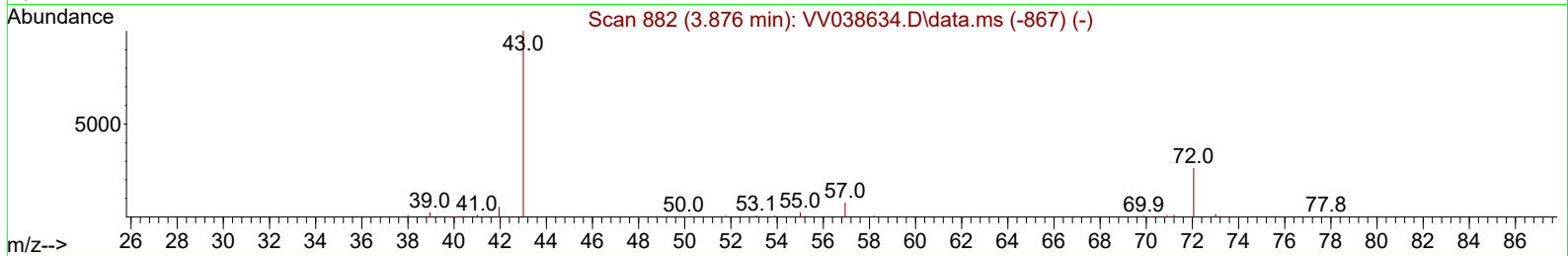
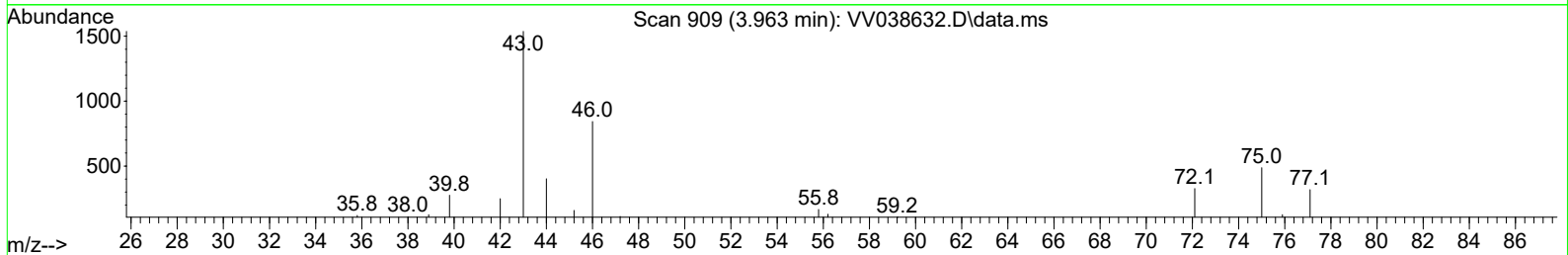
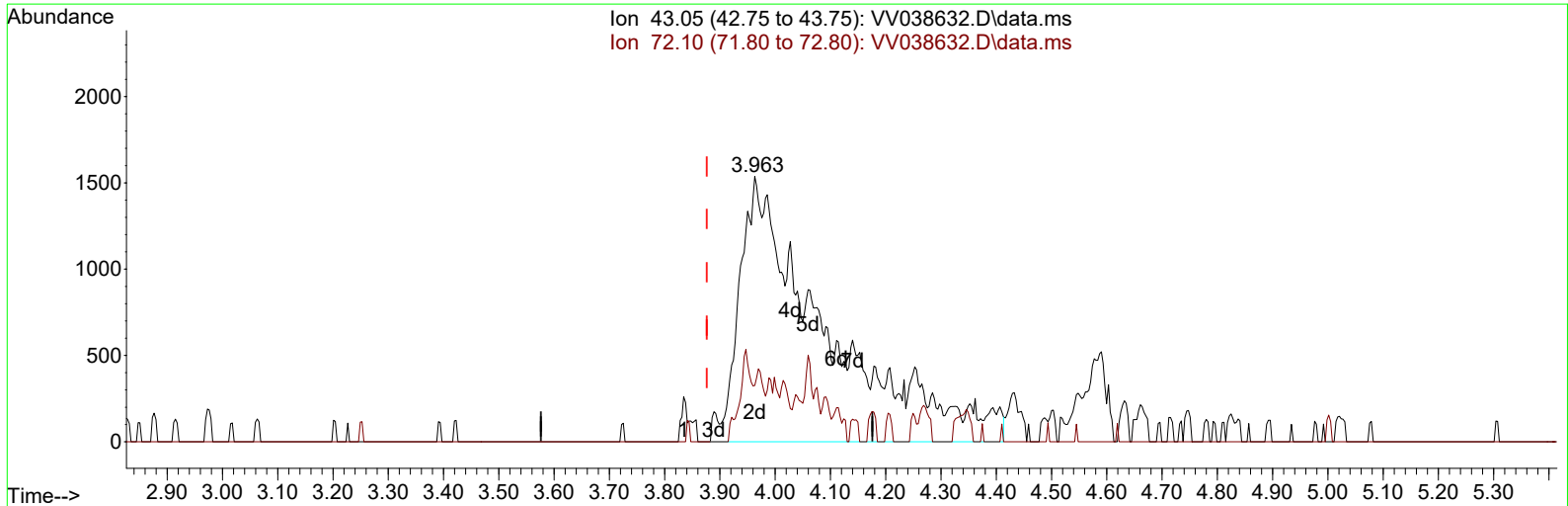
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Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

## (21) 2-Butanone (T)

3.963min (+ 0.087) 5.50 ug/L m

response 16607

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 23.70  | 0.28#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |



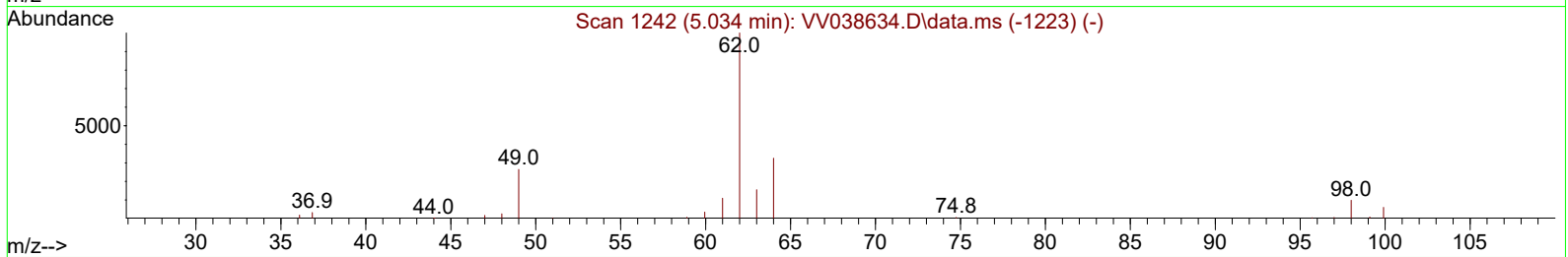
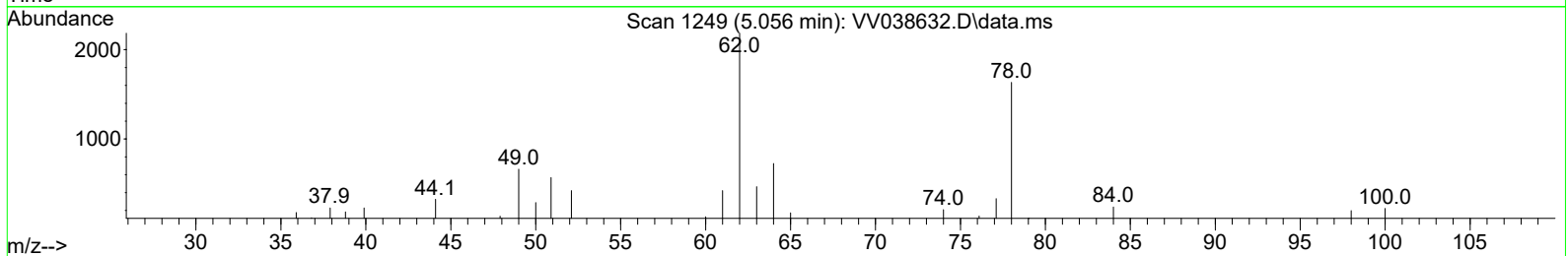
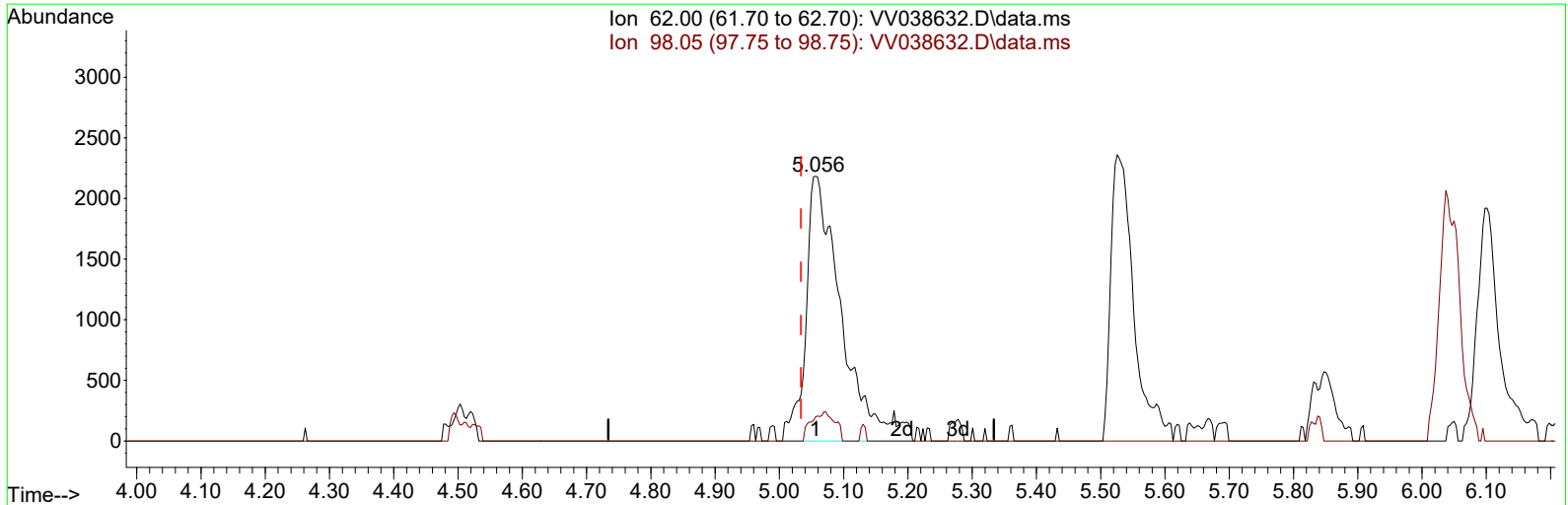
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Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
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Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

## (27) 1,2-Dichloroethane (T)

5.056min (+ 0.023) 0.59 ug/L m

response 8393

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 62.00 | 100.00 | 100.00 |
| 98.05 | 9.60   | 9.07   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

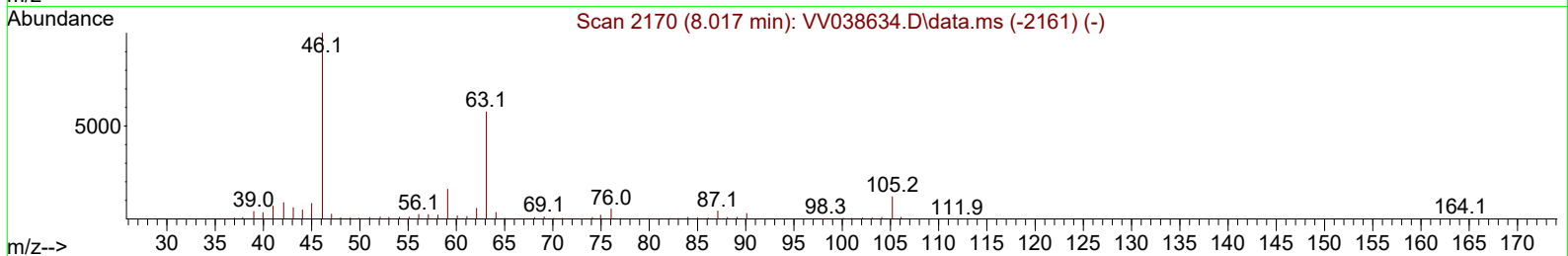
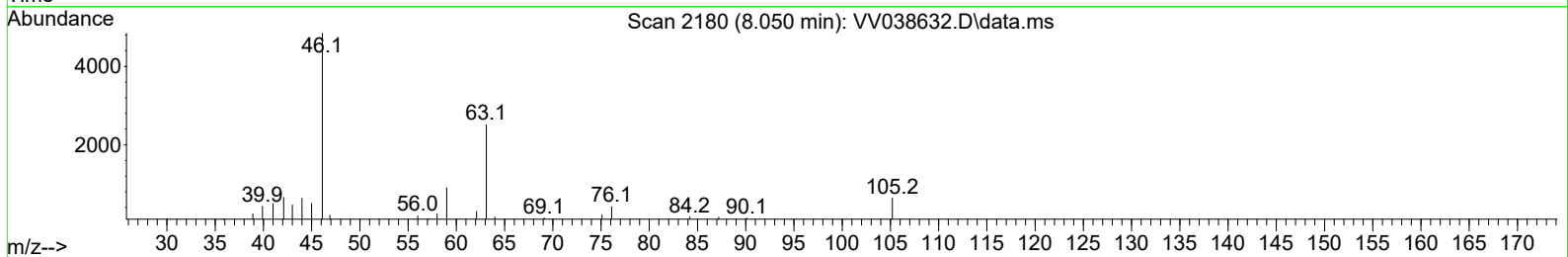
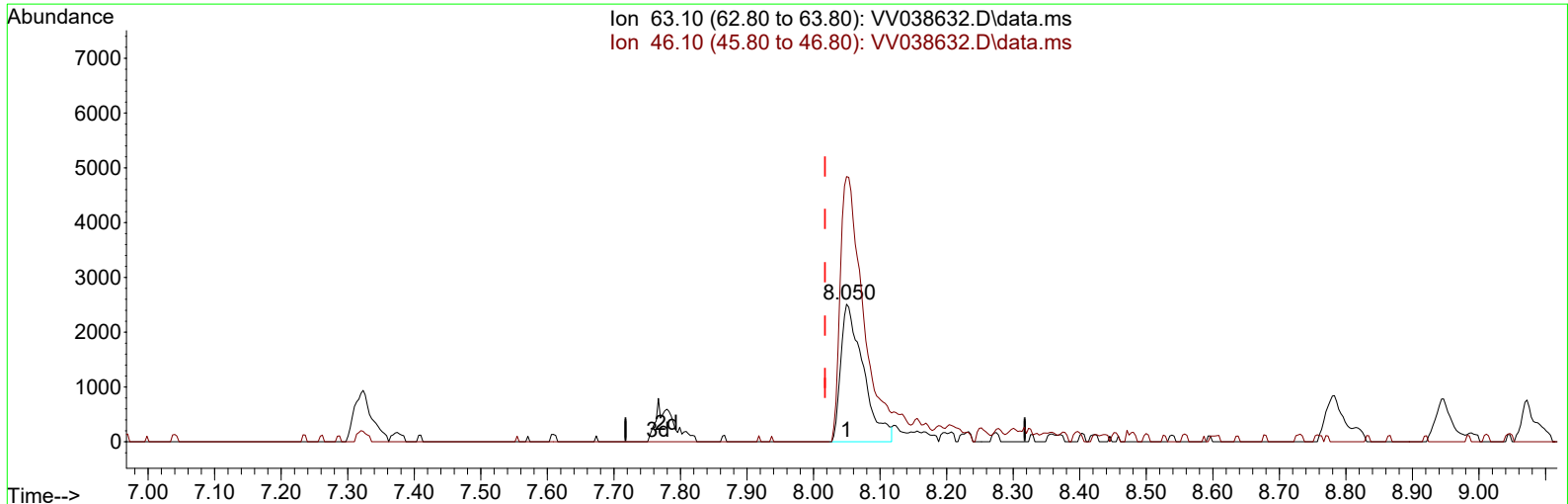
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

**(46) 2-Hexanone-d5 (S)**

8.050min (+ 0.032) 2.98 ug/L

response 5897

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.10 | 100.00 | 100.00 |
| 46.10 | 179.60 | 210.23 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

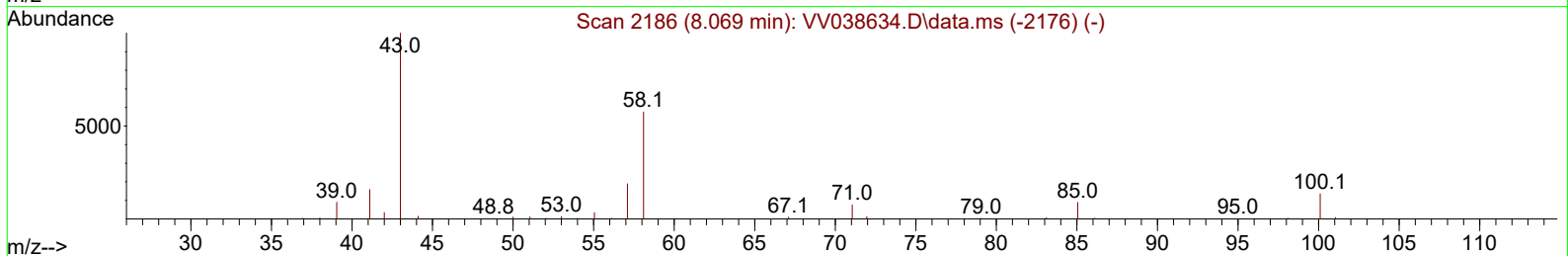
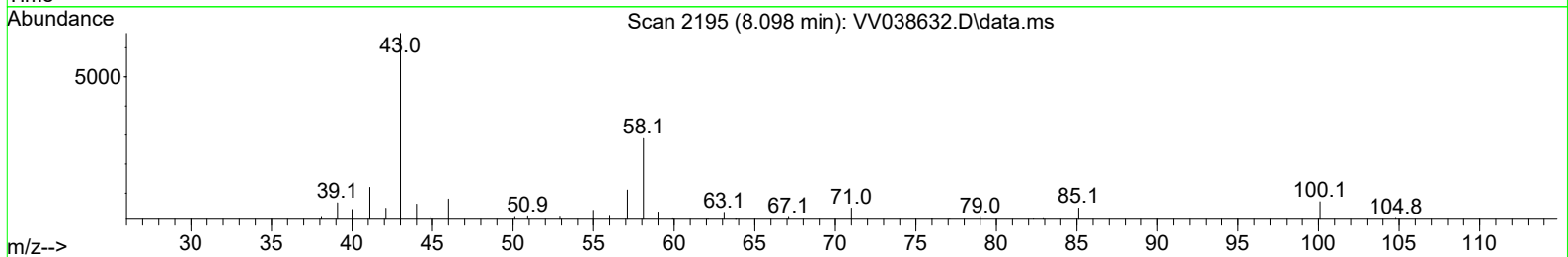
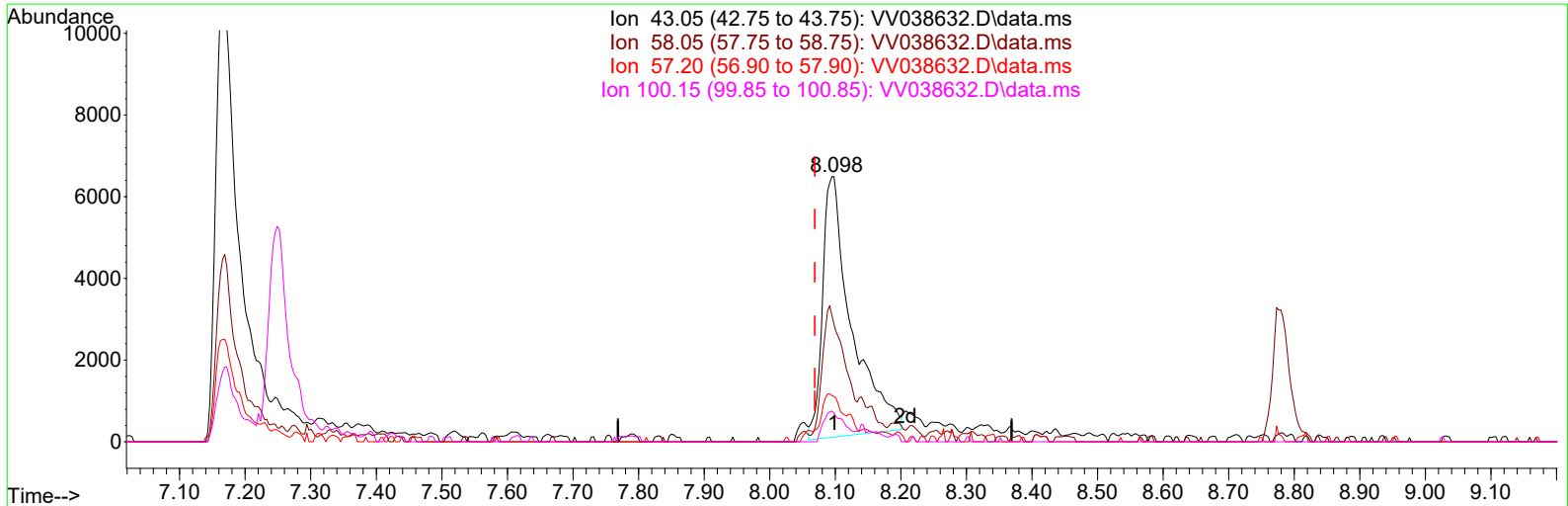
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
 Data File : VV038632.D  
 Acq On : 06 Feb 2025 14:53  
 Operator : SY/MD  
 Sample : VSTD0.529  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.5229

Manual IntegrationsAPPROVED

Quant Time: Feb 11 11:48:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 11 11:28:39 2025  
 Response via : Initial Calibration

Reviewed By :Romaben Patel 02/11/2025  
 Supervised By :Mahesh Dadoda 02/12/2025



TIC: VV038632.D\data.ms

**(48) 2-Hexanone (T)**

**8.098min (+ 0.029) 3.94 ug/L**

**response 19553**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 43.05  | 100.00 | 100.00 |
| 58.05  | 57.60  | 37.45# |
| 57.20  | 18.80  | 8.89#  |
| 100.15 | 13.10  | 8.61#  |

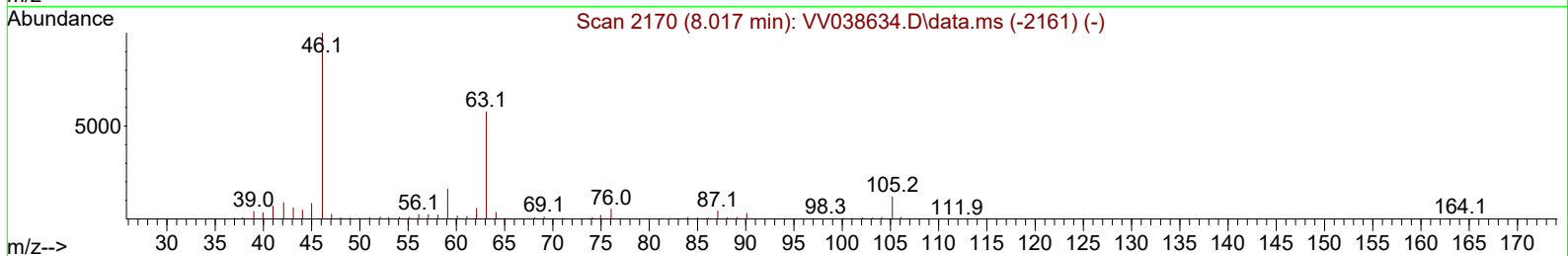
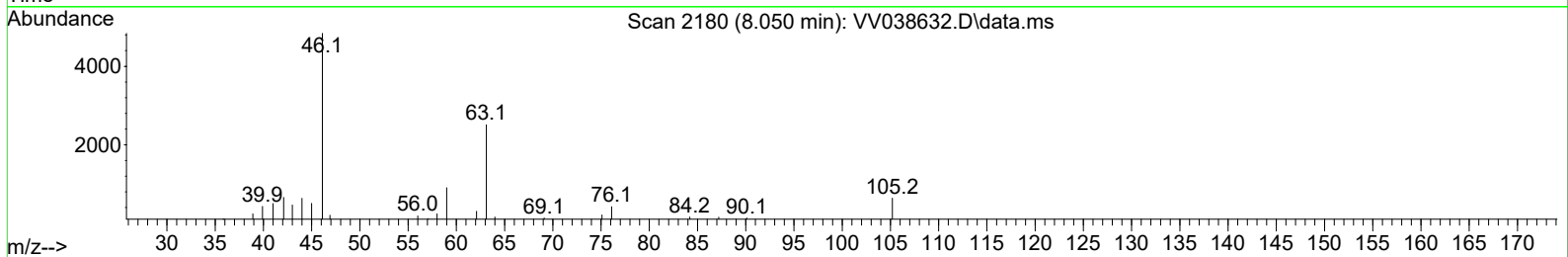
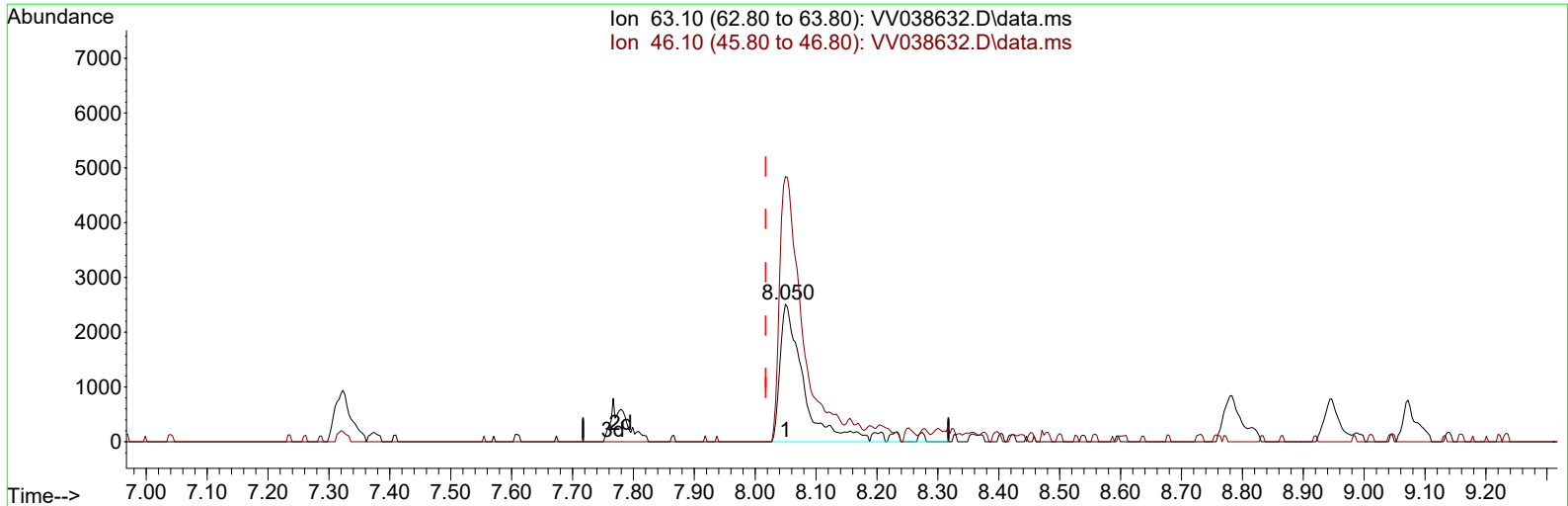
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

**(46) 2-Hexanone-d5 (S)**

8.050min (+ 0.032) 3.59 ug/L m

response 7110

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.10 | 100.00 | 100.00 |
| 46.10 | 179.60 | 174.36 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

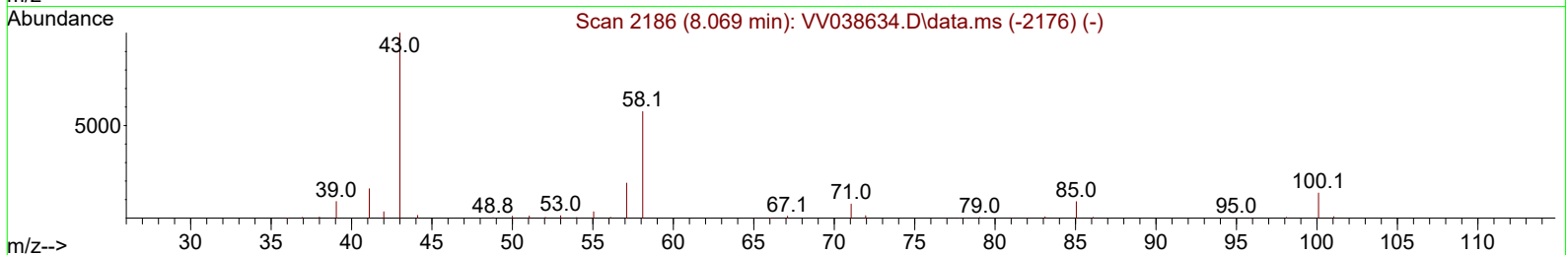
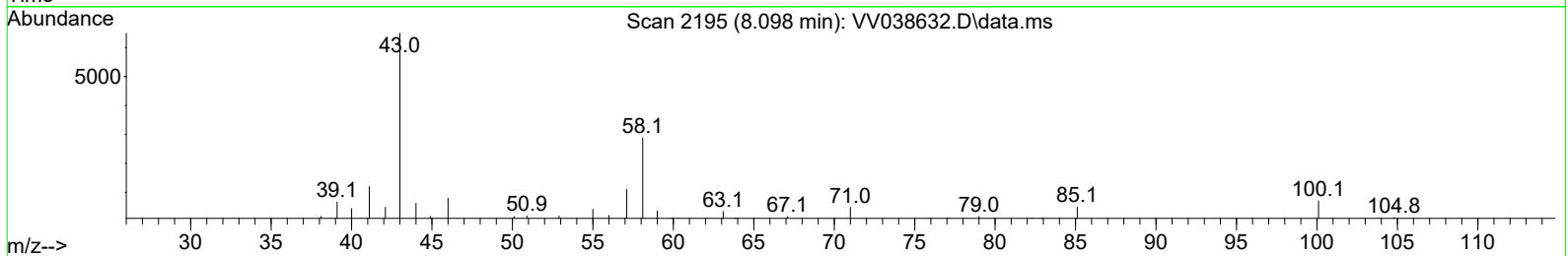
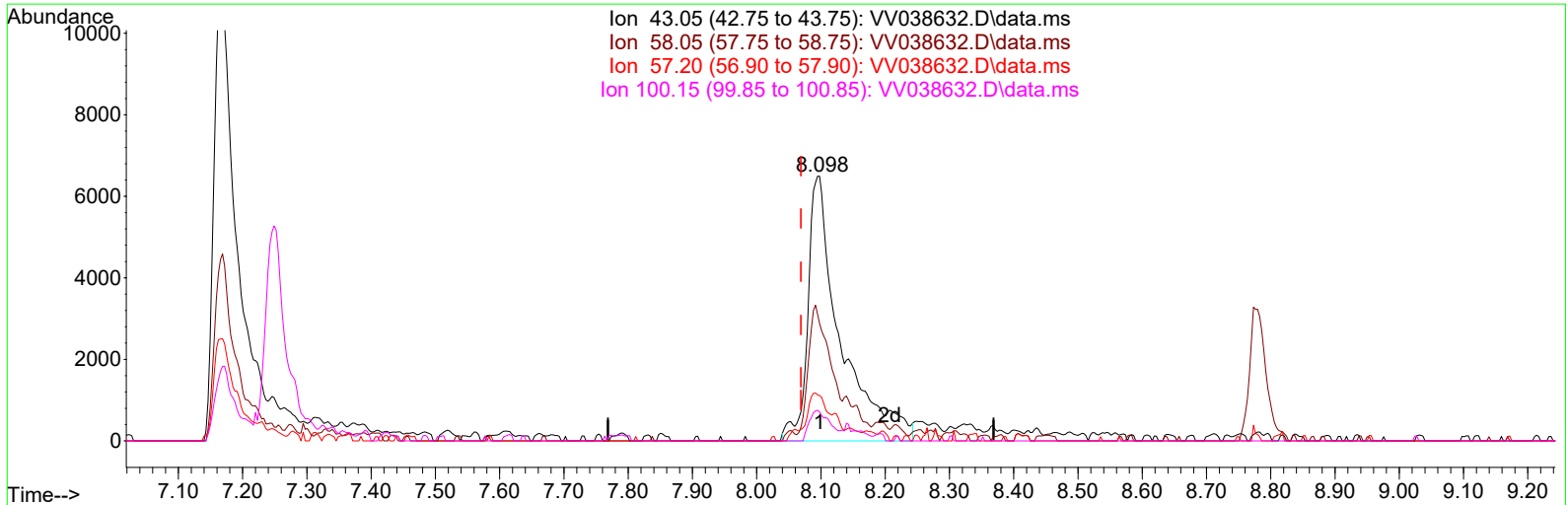
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

## (48) 2-Hexanone (T)

8.098min (+ 0.029) 4.62 ug/L m

response 22942

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 43.05  | 100.00 | 100.00 |
| 58.05  | 57.60  | 31.92# |
| 57.20  | 18.80  | 7.58#  |
| 100.15 | 13.10  | 7.34#  |

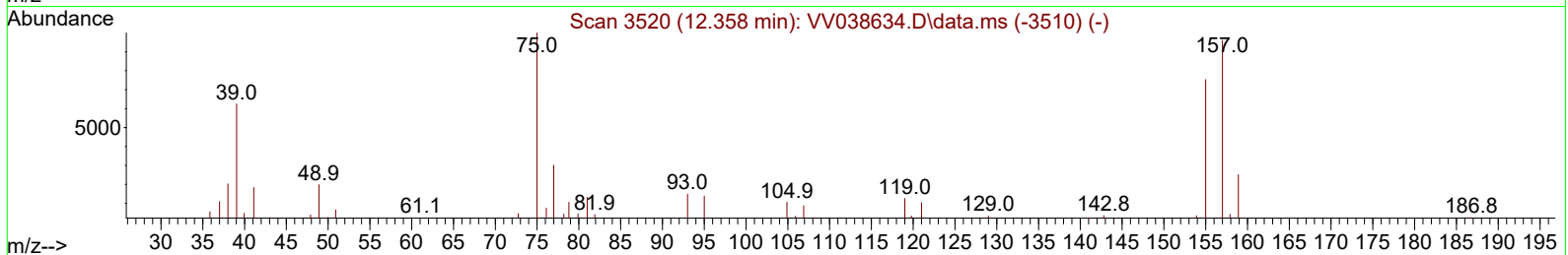
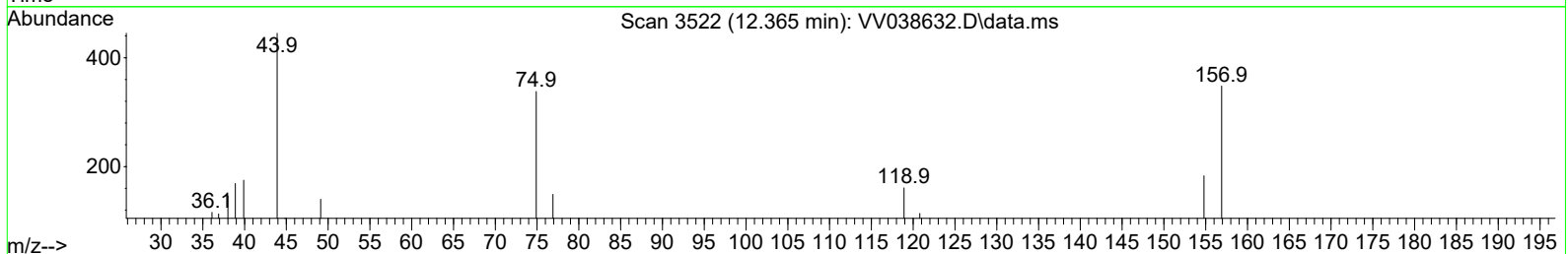
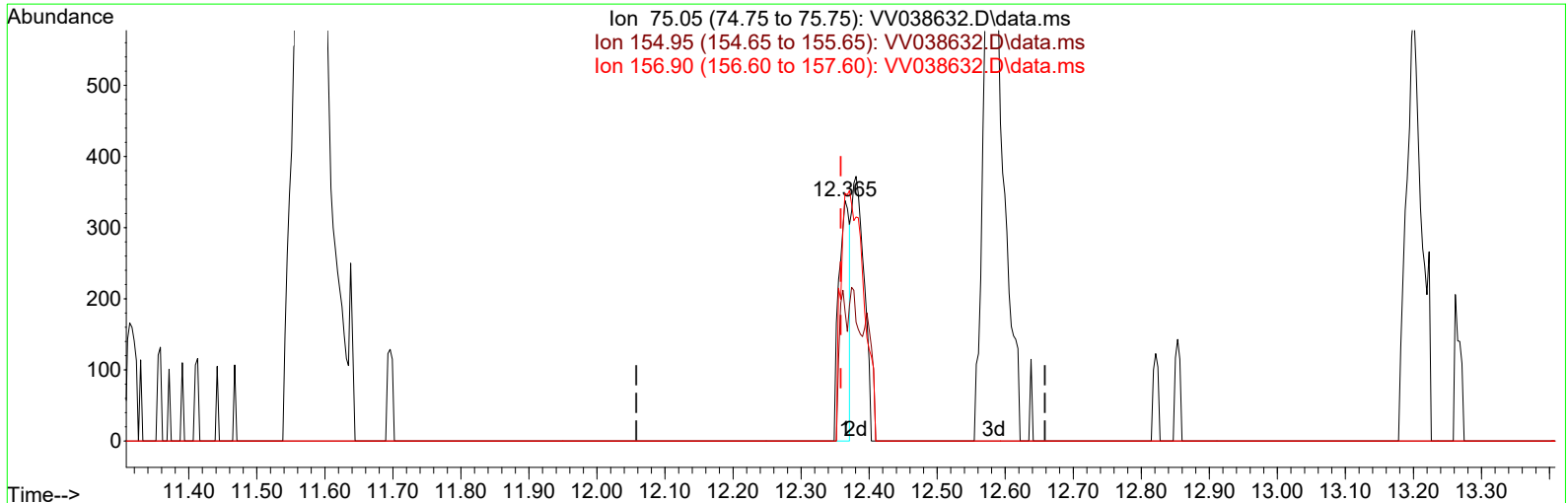
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
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Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

## (68) 1,2-Dibromo-3-chloropropane (T)

12.365min (+ 0.007) 0.26 ug/L

response 370

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 75.05  | 100.00 | 100.00 |
| 154.95 | 75.40  | 54.14# |
| 156.90 | 96.10  | 102.96 |
| 0.00   | 0.00   | 0.00   |

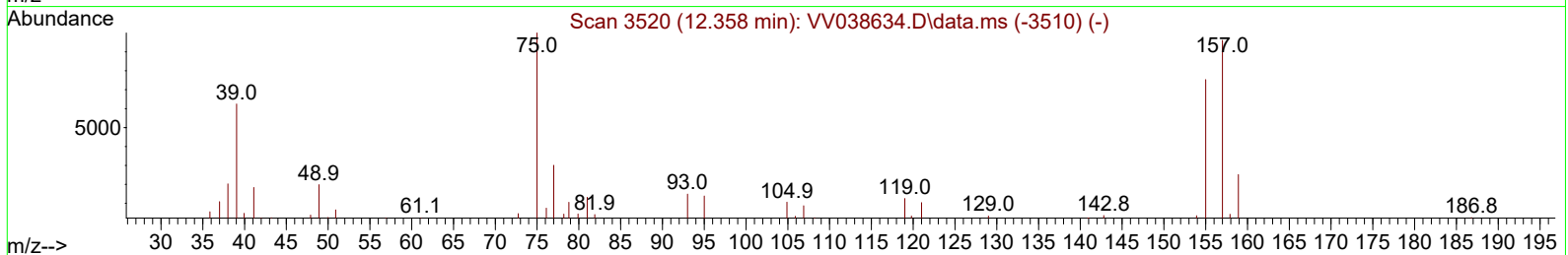
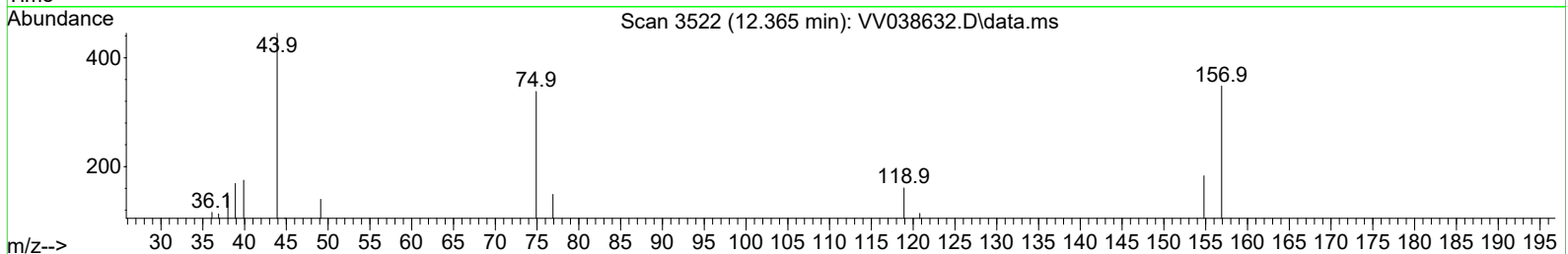
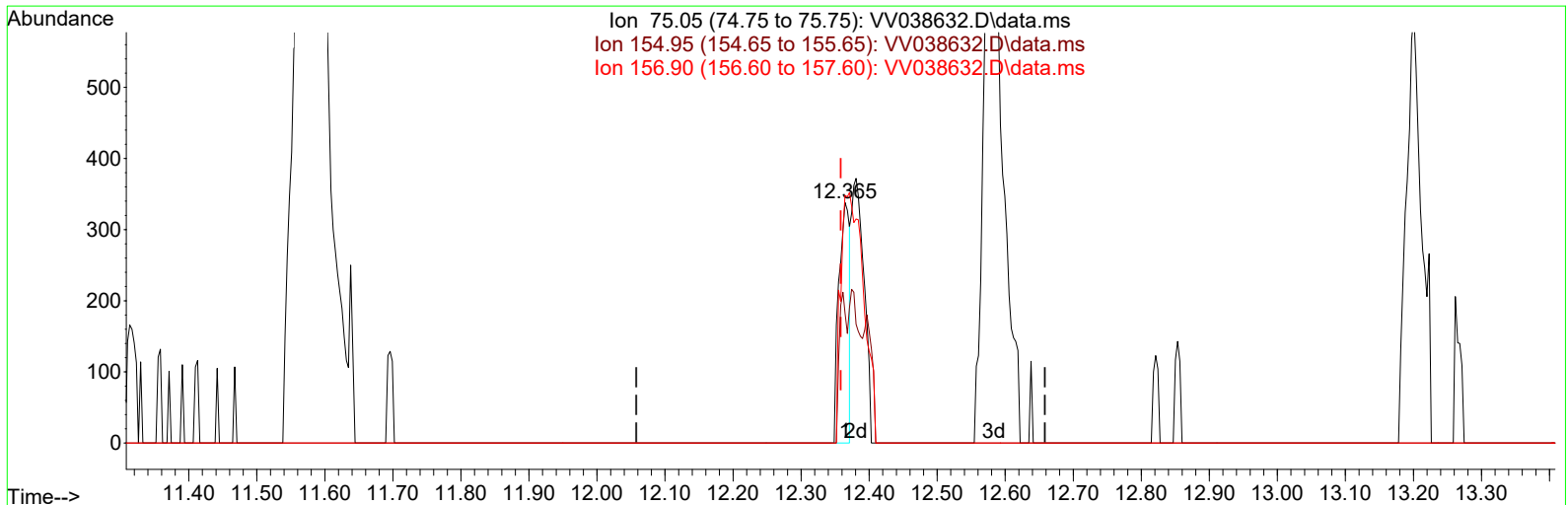
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

**(68) 1,2-Dibromo-3-chloropropane (T)**

12.365min (+ 0.007) 0.26 ug/L

response 370

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 75.05  | 100.00 | 100.00 |
| 154.95 | 75.40  | 54.14# |
| 156.90 | 96.10  | 102.96 |
| 0.00   | 0.00   | 0.00   |

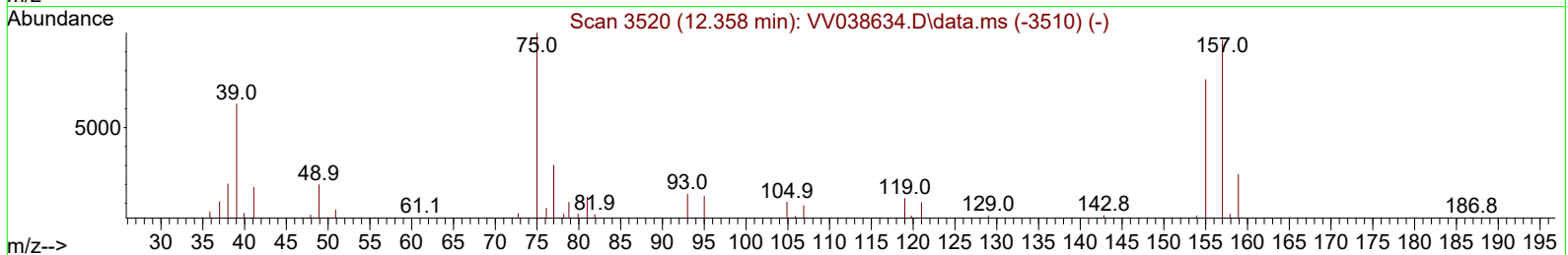
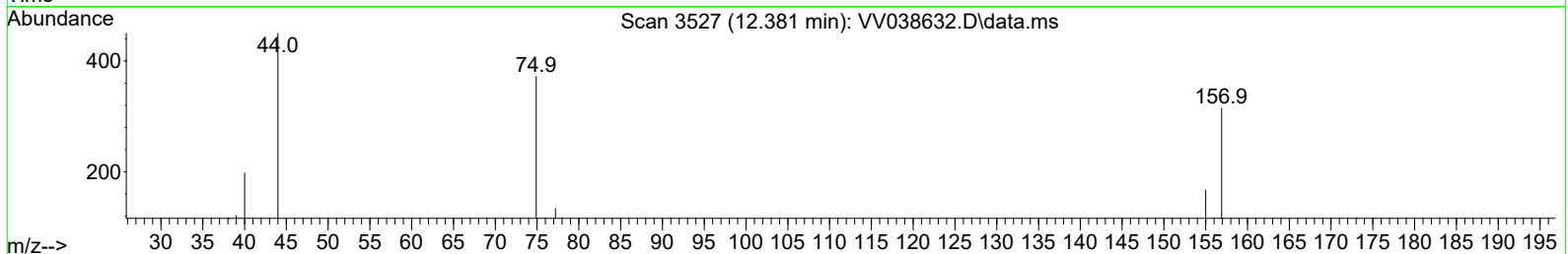
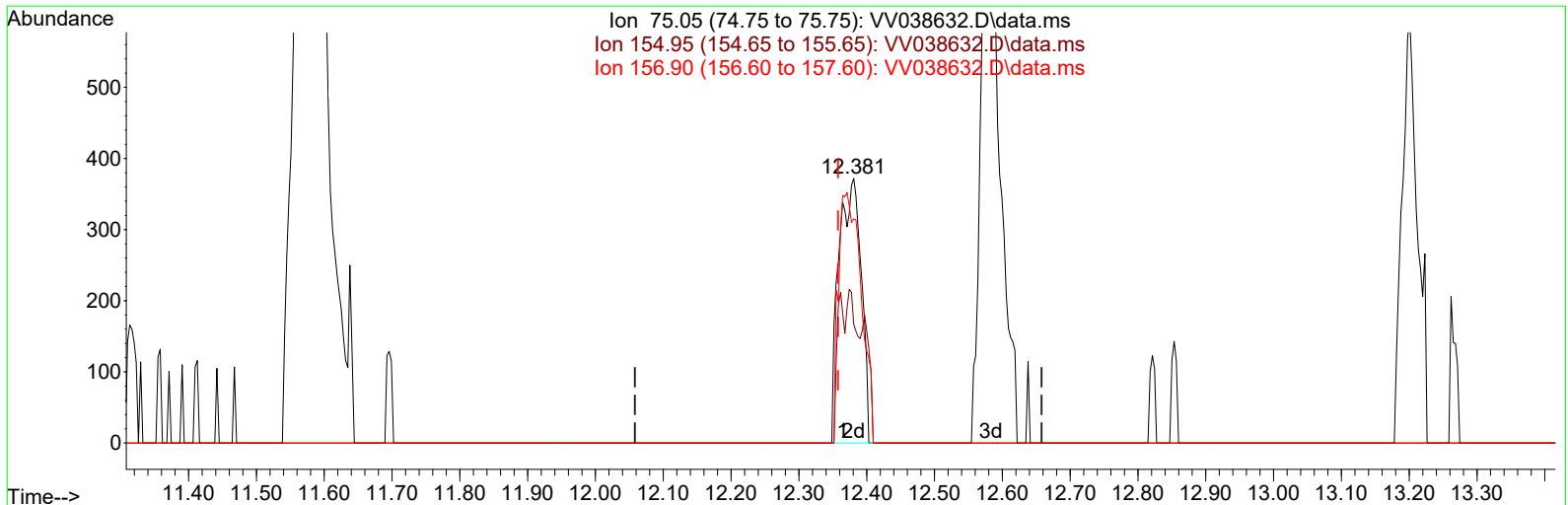
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

## (68) 1,2-Dibromo-3-chloropropane (T)

12.381min (+ 0.023) 0.59 ug/L m

response 847

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 75.05  | 100.00 | 100.00 |
| 154.95 | 75.40  | 44.89# |
| 156.90 | 96.10  | 84.68  |
| 0.00   | 0.00   | 0.00   |

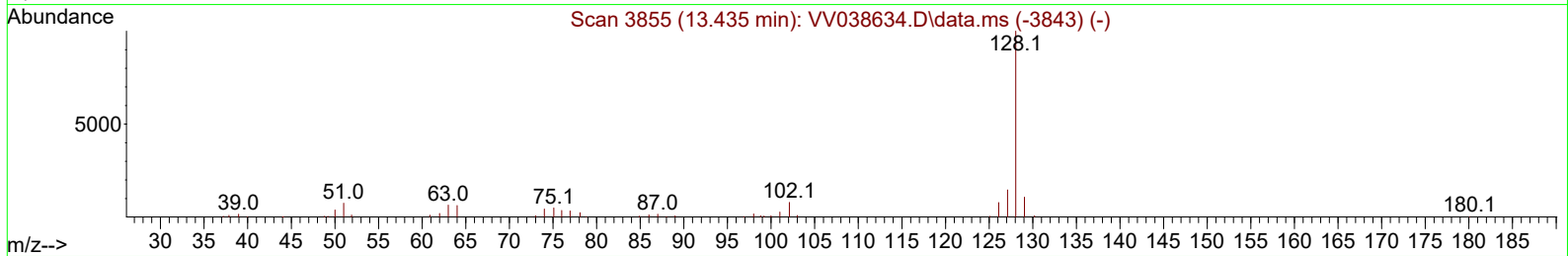
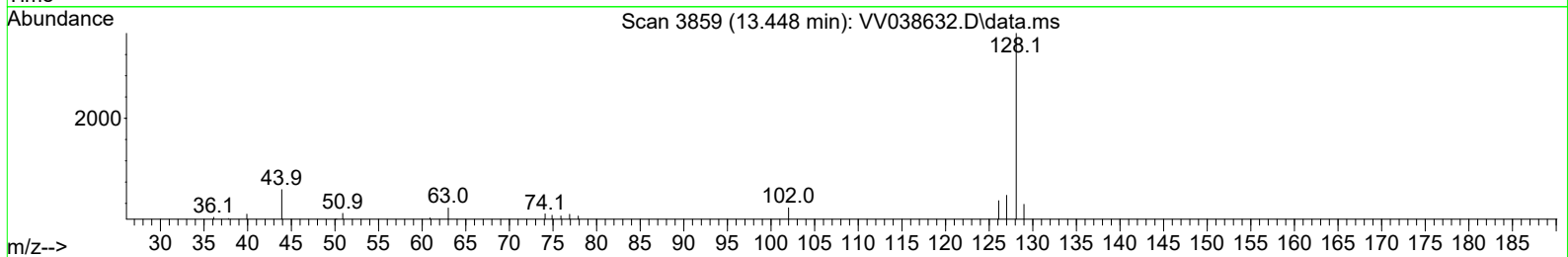
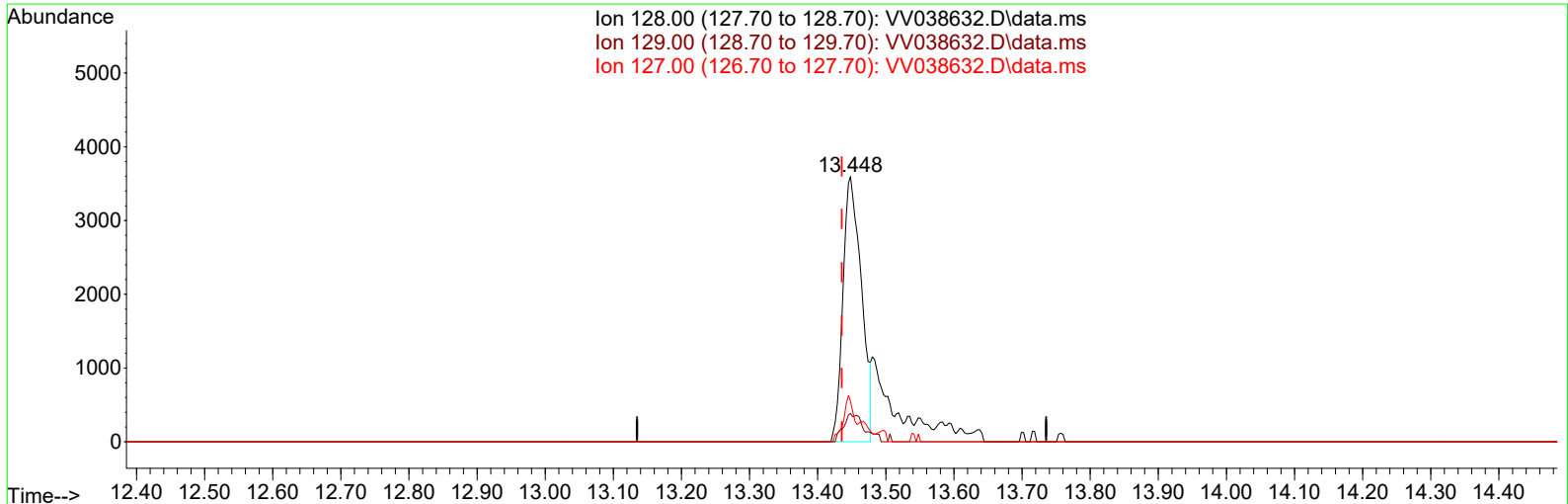
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

## (71) Naphthalene

13.448min (+ 0.013) 0.36 ug/L

response 6785

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100.00 | 100.00 |
| 129.00 | 9.50   | 12.06# |
| 127.00 | 13.60  | 9.90#  |
| 0.00   | 0.00   | 0.00   |

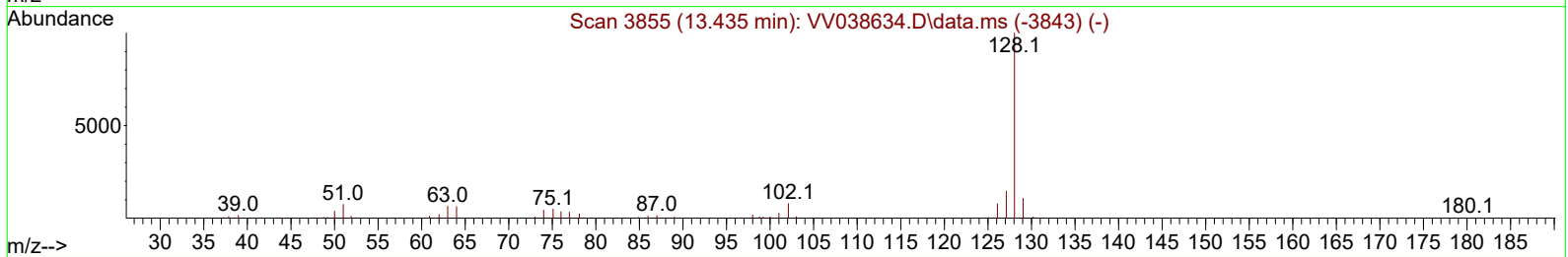
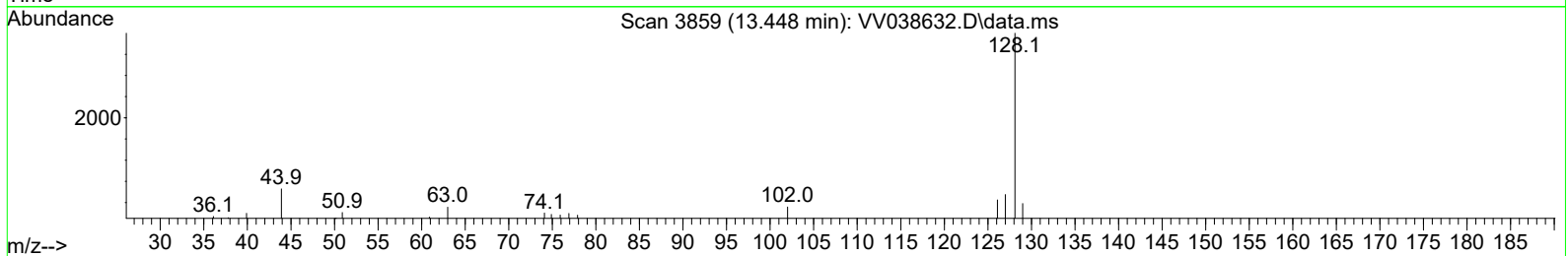
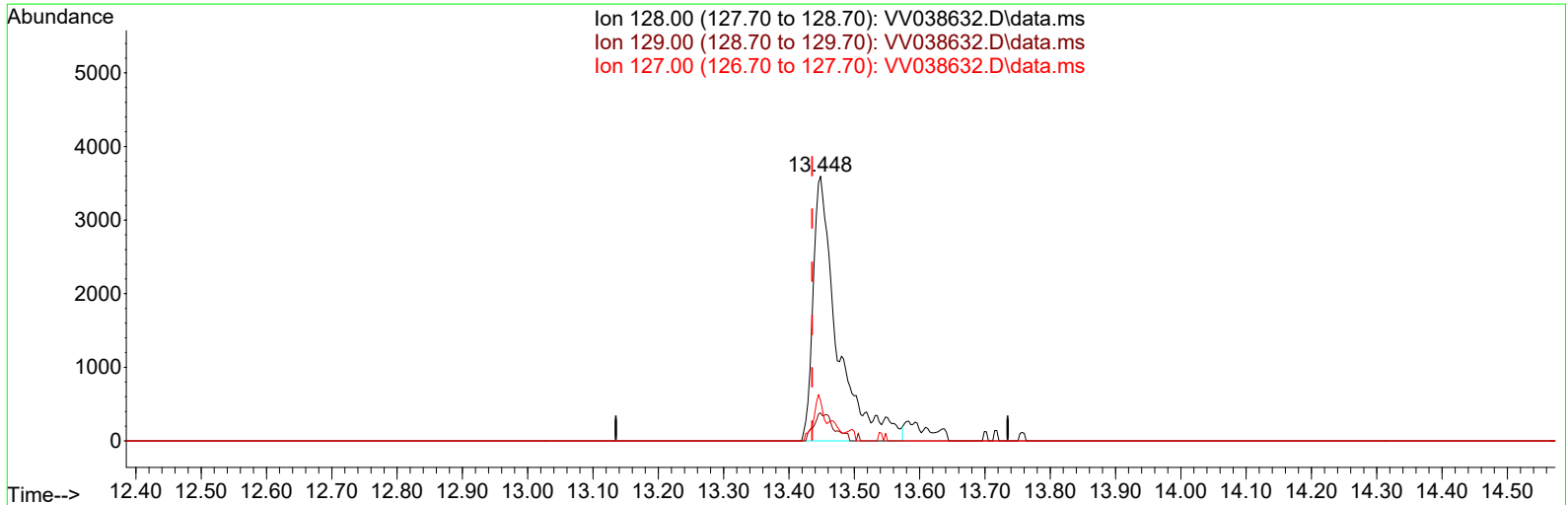
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
Data File : VV038632.D  
Acq On : 06 Feb 2025 14:53  
Operator : SY/MD  
Sample : VSTD0.529  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 11 11:28:39 2025  
Response via : Initial Calibration



TIC: VV038632.D\data.ms

## (71) Naphthalene

13.448min (+ 0.013) 0.50 ug/L m

response 9297

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100.00 | 100.00 |
| 129.00 | 9.50   | 8.80   |
| 127.00 | 13.60  | 7.23#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VW020625\  
 Data File : VW038632.D  
 Acq On : 06 Feb 2025 14:53  
 Operator : SY/MD  
 Sample : VSTD0.529  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
 Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 11 11:28:39 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------------|----------|
| Internal Standards            |        |      |          |             |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114  | 160799   | 5.00 ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.776  | 117  | 164570   | 5.00 ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178 | 152  | 74786    | 5.00 ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |             |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65   | 8662     | 0.62 ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.529  | 69   | 6775     | 0.59 ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.056  | 65   | 3773     | 0.61 ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 3.892  | 46   | 13550m   | 4.84 ug/L   | 0.09     |
| 24) Chloroform-d              | 4.249  | 84   | 13178    | 0.52 ug/L   | 0.01     |
| 26) 1,2-Dichloroethane-d4     | 4.957  | 65   | 5128     | 0.45 ug/L   | 0.02     |
| 32) Benzene-d6                | 4.966  | 84   | 21677    | 0.46 ug/L   | 0.02     |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67   | 6133     | 0.44 ug/L   | 0.02     |
| 41) Toluene-d8                | 7.246  | 98   | 16884    | 0.40 ug/L   | 0.01     |
| 43) trans-1,3-Dichloroprop... | 7.574  | 79   | 2184     | 0.43 ug/L   | 0.03     |
| 46) 2-Hexanone-d5             | 8.050  | 63   | 7110m    | 3.59 ug/L   | 0.03     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84   | 6042     | 0.54 ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152  | 6467     | 0.50 ug/L   | 0.00     |
| Target Compounds              |        |      |          |             |          |
| 2) Dichlorodifluoromethane    | 1.105  | 85   | 10921    | 0.61 ug/L   | 99       |
| 3) Chloromethane              | 1.214  | 50   | 9499     | 0.52 ug/L   | 93       |
| 5) Vinyl chloride             | 1.282  | 62   | 10553    | 0.57 ug/L   | 94       |
| 6) Bromomethane               | 1.487  | 94   | 3929     | 0.43 ug/L   | 99       |
| 8) Chloroethane               | 1.548  | 64   | 6724     | 0.60 ug/L   | 94       |
| 9) Trichlorofluoromethane     | 1.712  | 101  | 13701    | 0.58 ug/L   | 96       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.063  | 101  | 7610     | 0.57 ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 2.066  | 96   | 7485     | 0.56 ug/L   | 98       |
| 13) Acetone                   | 2.156  | 43   | 12275m   | 5.72 ug/L   |          |
| 14) Carbon disulfide          | 2.236  | 76   | 23756    | 0.53 ug/L   | 98       |
| 15) Methyl Acetate            | 2.413  | 43   | 2833m    | 0.52 ug/L   |          |
| 16) Methylene chloride        | 2.445  | 84   | 9472     | 0.64 ug/L   | 93       |
| 17) Methyl tert-butyl Ether   | 2.706  | 73   | 13771    | 0.50 ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 2.693  | 96   | 6883     | 0.50 ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 3.111  | 63   | 14107    | 0.54 ug/L   | 92       |
| 21) 2-Butanone                | 3.963  | 43   | 16607m   | 5.50 ug/L   |          |
| 22) cis-1,2-Dichloroethene    | 3.825  | 96   | 6888     | 0.50 ug/L   | 96       |
| 23) Bromochloromethane        | 4.153  | 128  | 3848     | 0.61 ug/L # | 60       |
| 25) Chloroform                | 4.278  | 83   | 13491    | 0.52 ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.056  | 62   | 8393m    | 0.59 ug/L   |          |
| 29) 1,1,1-Trichloroethane     | 4.506  | 97   | 12503    | 0.57 ug/L   | 97       |
| 30) Cyclohexane               | 4.574  | 56   | 9495     | 0.48 ug/L   | 98       |
| 31) Carbon tetrachloride      | 4.728  | 117  | 11044    | 0.57 ug/L   | 98       |
| 33) Benzene                   | 5.014  | 78   | 23882    | 0.46 ug/L   | 100      |
| 34) Trichloroethene           | 5.844  | 95   | 6571     | 0.49 ug/L   | 94       |
| 35) Methylcyclohexane         | 6.040  | 83   | 10827    | 0.53 ug/L   | 91       |
| 37) 1,2-Dichloropropane       | 6.095  | 63   | 6218     | 0.47 ug/L # | 89       |
| 38) Bromodichloromethane      | 6.436  | 83   | 9875     | 0.56 ug/L   | 94       |
| 39) cis-1,3-Dichloropropene   | 6.973  | 75   | 7410     | 0.40 ug/L   | 88       |
| 40) 4-Methyl-2-pentanone      | 7.165  | 43   | 27201    | 3.93 ug/L   | 98       |
| 42) Toluene                   | 7.317  | 91   | 24474    | 0.45 ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 7.600  | 75   | 6272     | 0.40 ug/L   | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020625\  
 Data File : VV038632.D  
 Acq On : 06 Feb 2025 14:53  
 Operator : SY/MD  
 Sample : VSTD0.529  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.5229

## Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 02/11/2025  
 Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 11:48:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 11 11:28:39 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|------|--------|----------|
| -----                         |        |      |          |      |        |          |
| 45) 1,1,2-Trichloroethane     | 7.773  | 97   | 5268     | 0.54 | ug/L   | 91       |
| 47) Tetrachloroethene         | 7.905  | 164  | 5445     | 0.52 | ug/L   | 95       |
| 48) 2-Hexanone                | 8.098  | 43   | 22942m   | 4.62 | ug/L   |          |
| 49) Dibromochloromethane      | 8.175  | 129  | 5842     | 0.53 | ug/L   | 86       |
| 50) 1,2-Dibromoethane         | 8.291  | 107  | 4859     | 0.54 | ug/L # | 94       |
| 51) Chlorobenzene             | 8.812  | 112  | 18454    | 0.51 | ug/L   | 91       |
| 52) Ethylbenzene              | 8.947  | 91   | 26459    | 0.45 | ug/L   | 96       |
| 53) m,p-Xylene                | 9.075  | 106  | 8810     | 0.40 | ug/L   | 99       |
| 54) o-Xylene                  | 9.477  | 106  | 9117     | 0.43 | ug/L   | 93       |
| 55) Styrene                   | 9.503  | 104  | 13117    | 0.36 | ug/L   | 87       |
| 57) 1,1,2,2-Tetrachloroethane | 10.175 | 83   | 6655     | 0.56 | ug/L   | 93       |
| 59) Bromoform                 | 9.664  | 173  | 2504     | 0.49 | ug/L # | 95       |
| 60) Isopropylbenzene          | 9.860  | 105  | 21637    | 0.43 | ug/L # | 95       |
| 61) 1,2,3-Trichloropropane    | 10.214 | 75   | 4485     | 0.63 | ug/L   | 95       |
| 62) 1,3,5-Trimethylbenzene    | 10.471 | 105  | 18103    | 0.47 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 10.850 | 105  | 16935    | 0.44 | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.117 | 146  | 12276    | 0.50 | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 11.204 | 146  | 12914    | 0.51 | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 11.580 | 146  | 11912    | 0.52 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.381 | 75   | 847m     | 0.59 | ug/L   |          |
| 69) 1,3,5-Trichlorobenzene    | 12.580 | 180  | 8567     | 0.51 | ug/L   | 96       |
| 70) 1,2,4-trichlorobenzene    | 13.201 | 180  | 5217     | 0.42 | ug/L # | 85       |
| 71) Naphthalene               | 13.448 | 128  | 9297m    | 0.50 | ug/L   |          |
| 72) 1,2,3-Trichlorobenzene    | 13.677 | 180  | 5277     | 0.49 | ug/L # | 91       |
| -----                         |        |      |          |      |        |          |

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

