

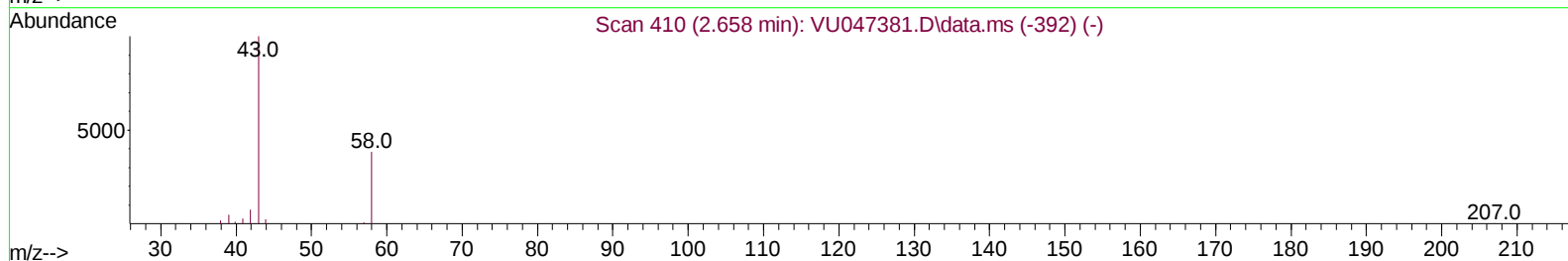
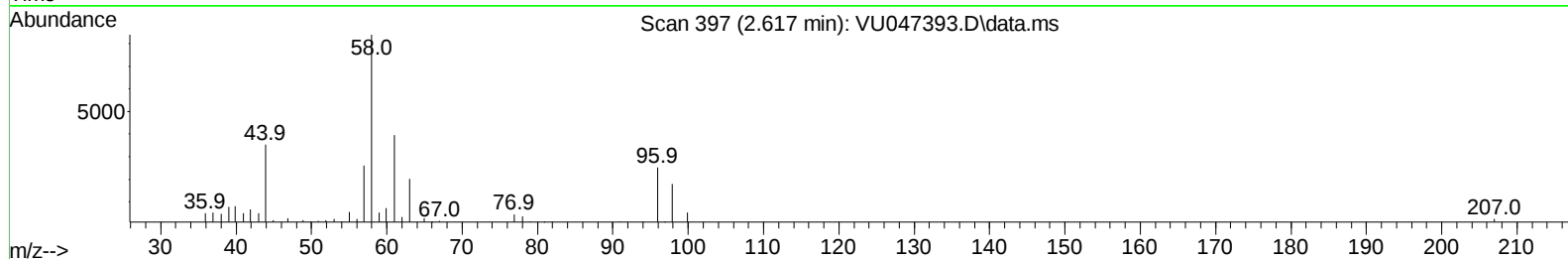
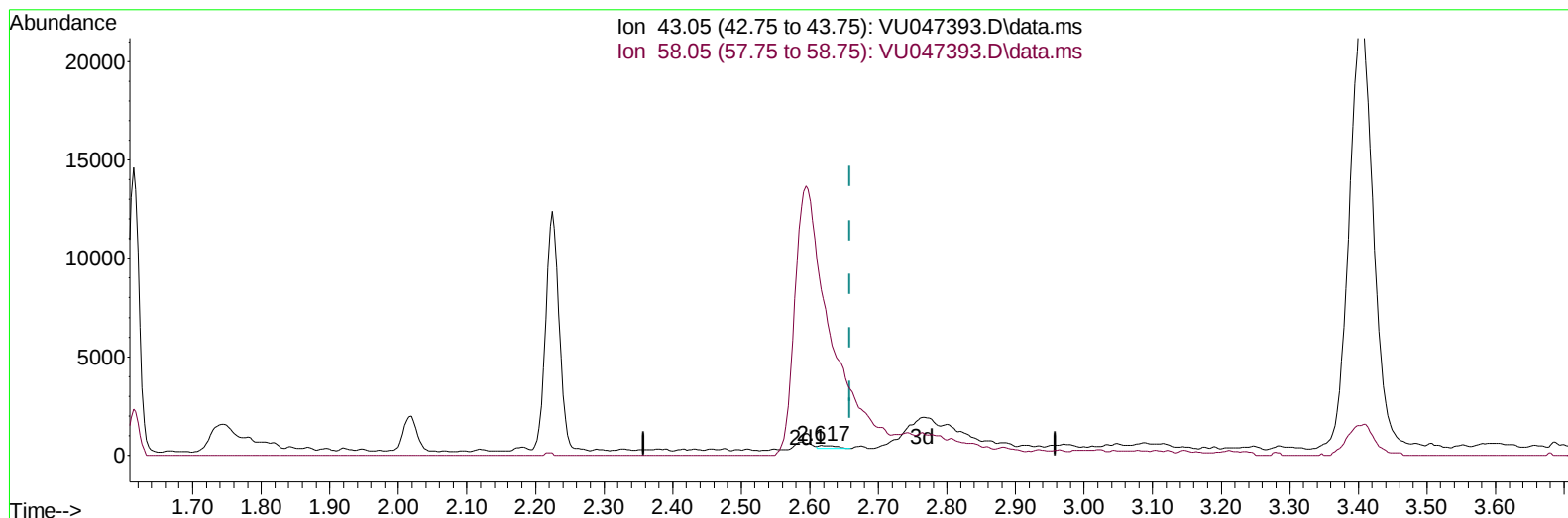
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030822\  
 Data File : VU047393.D  
 Acq On : 08 Mar 2022 15:51  
 Operator : SY/MD  
 Sample : N1840-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFY20

Manual IntegrationsAPPROVED

Quant Time: Mar 09 04:42:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 09 02:01:55 2022  
 Response via : Initial Calibration

Reviewed By :John Carlone 03/09/2022  
 Supervised By :Mahesh Dadoda 03/09/2022



TIC: VU047393.D\data.ms

(13) Acetone (T)

2.617min (-0.042) 0.18 ug/L

response 293

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 35.80  | 0.00   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

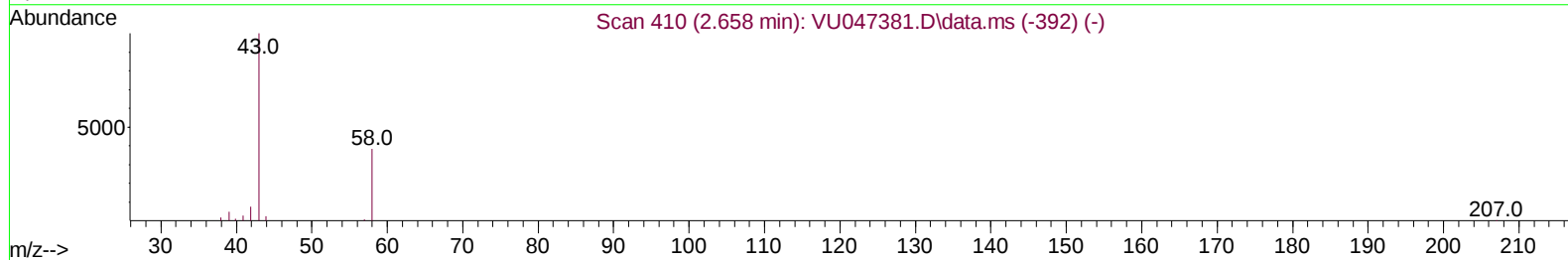
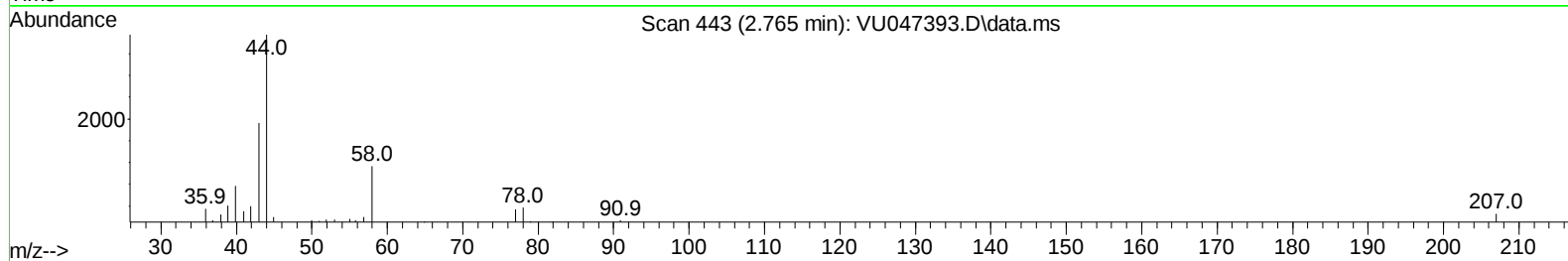
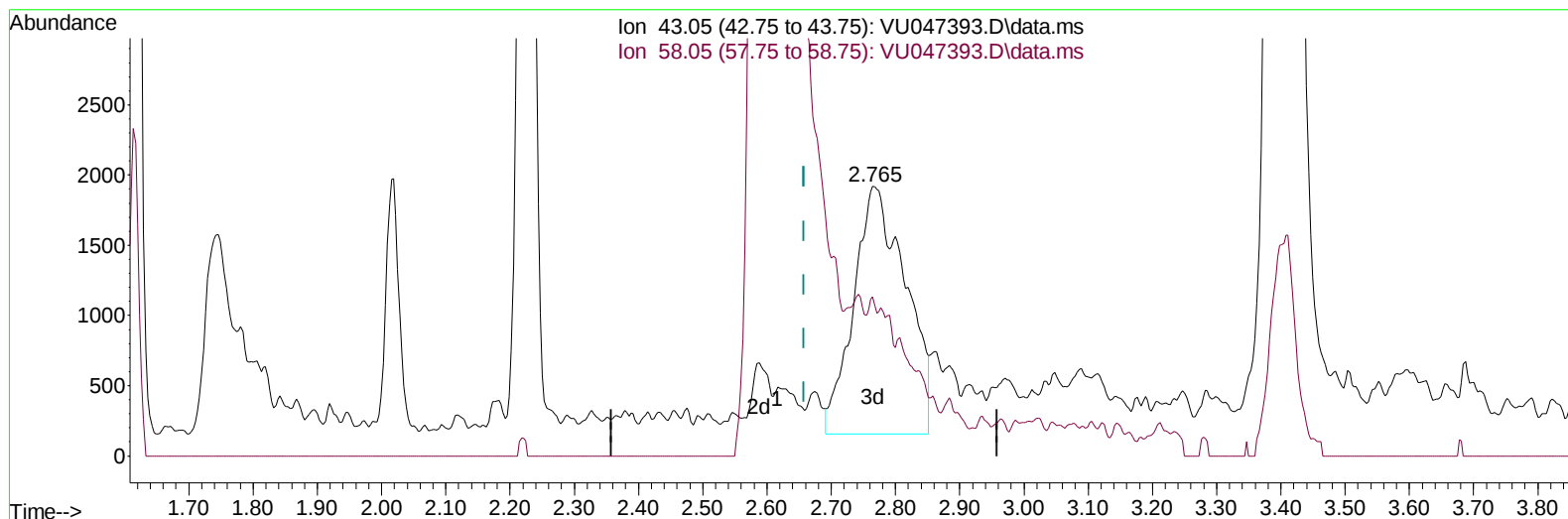
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFY20

Manual IntegrationsAPPROVED

Quant Time: Mar 09 03:04:38 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030422WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Mar 09 02:01:55 2022  
Response via : Initial Calibration

Reviewed By :John Carlone 03/09/2022  
Supervised By :Mahesh Dadoda 03/09/2022



TIC: VU047393.D\data.ms

(13) Acetone (T)

2.765min (+ 0.106) 6.10 ug/L m

response 9956

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 35.80  | 0.00   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

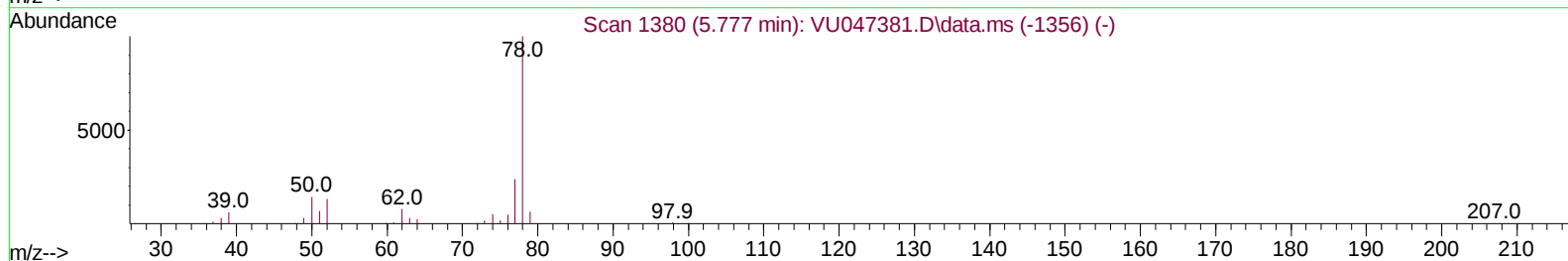
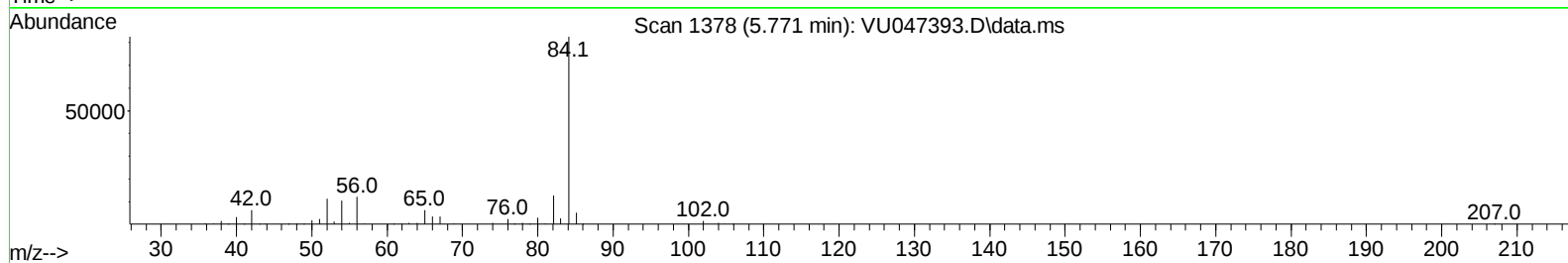
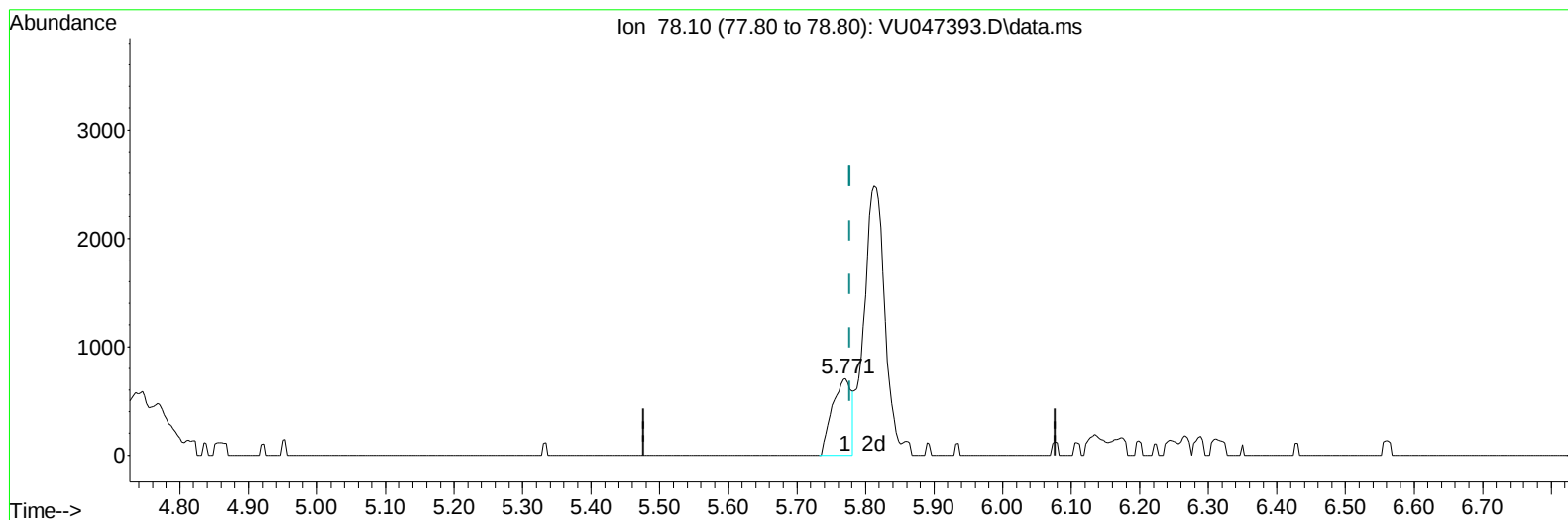
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030822\  
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 Operator : SY/MD  
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 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFY20

Manual IntegrationsAPPROVED

Quant Time: Mar 09 03:04:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
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Reviewed By :John Carlone 03/09/2022  
 Supervised By :Mahesh Dadoda 03/09/2022



TIC: VU047393.D\data.ms

**(33) Benzene (T)**

5.771min (-0.006) 0.04 ug/L

response 1347

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 78.10 | 100.00 | 100.00 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

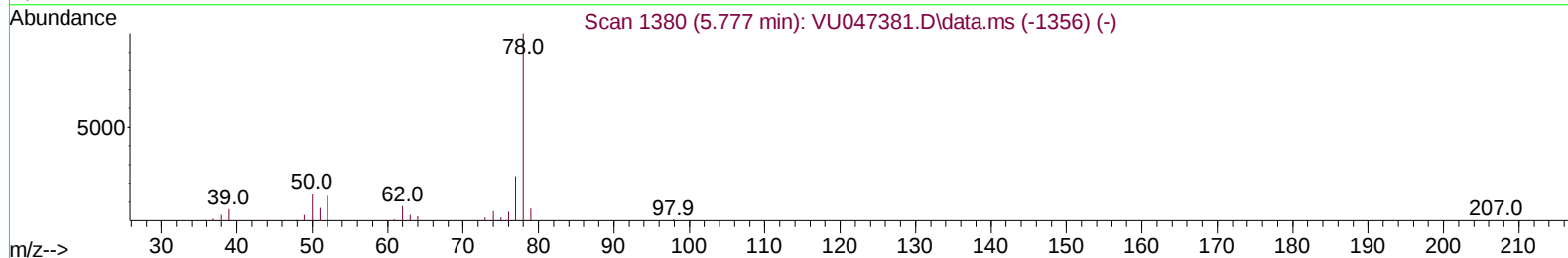
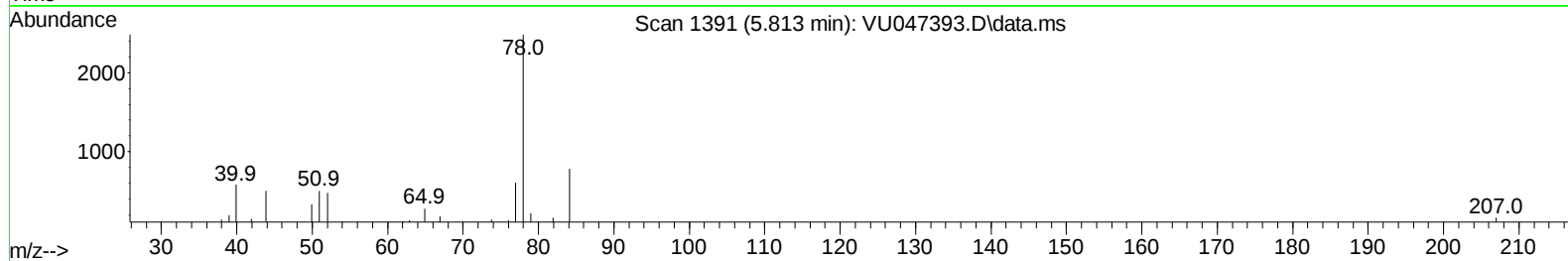
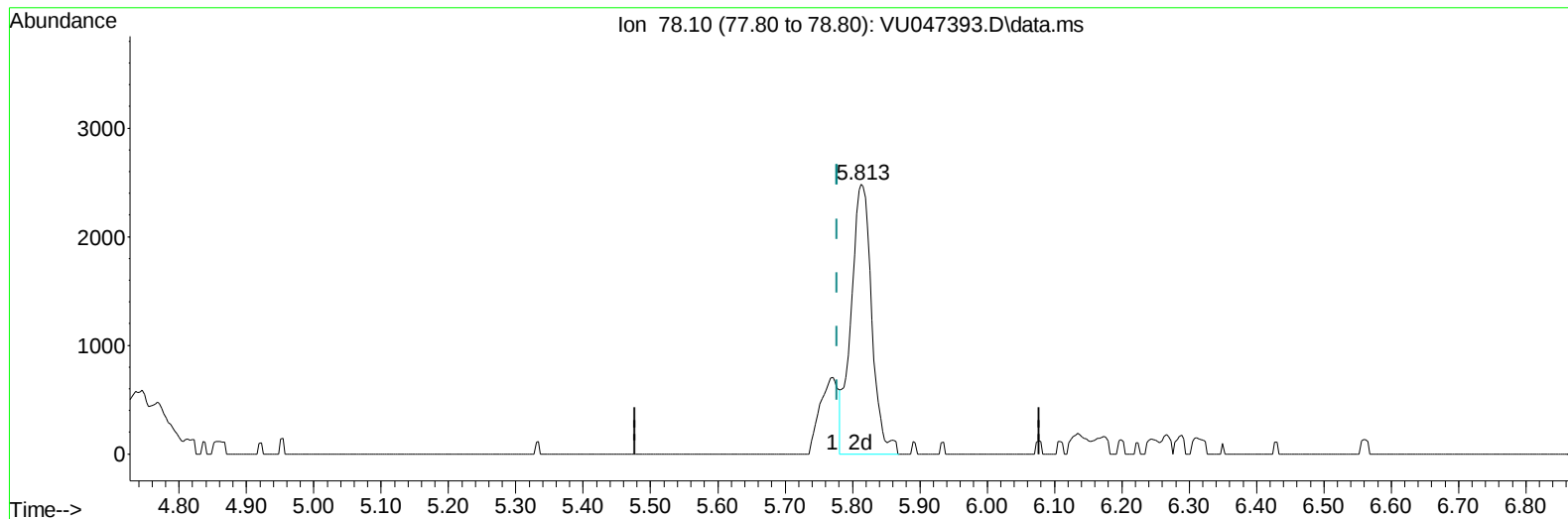
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030822\  
Data File : VU047393.D  
Acq On : 08 Mar 2022 15:51  
Operator : SY/MD  
Sample : N1840-01  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFY20

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 03/09/2022  
Supervised By :Mahesh Dadoda 03/09/2022

Quant Time: Mar 09 03:04:38 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030422WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Mar 09 02:01:55 2022  
Response via : Initial Calibration



TIC: VU047393.D\data.ms

**(33) Benzene (T)**

5.813min (+ 0.036) 0.14 ug/L m

response 5310

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 78.10 | 100.00 | 100.00 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

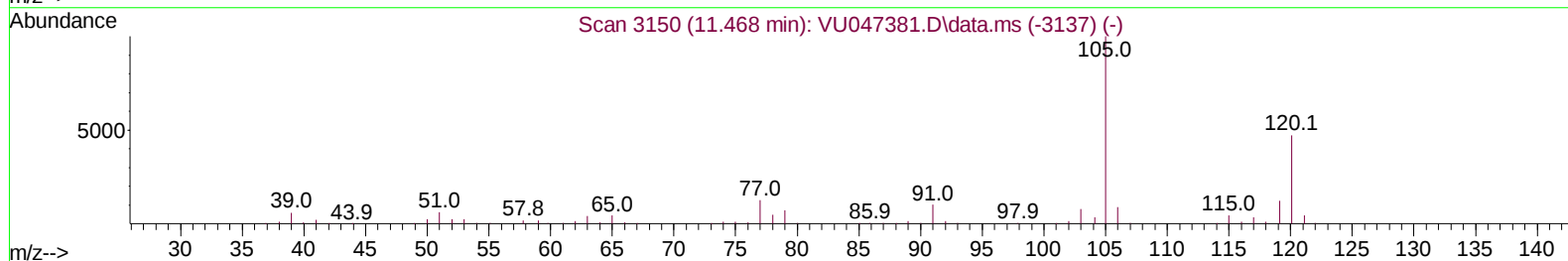
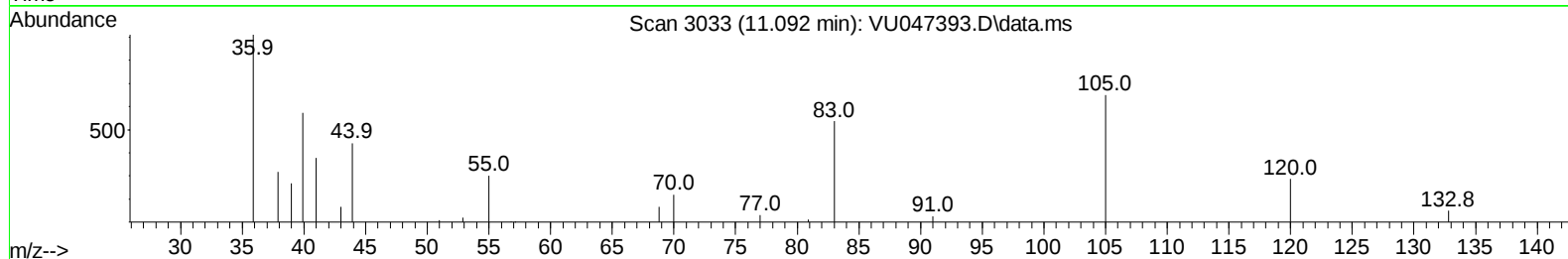
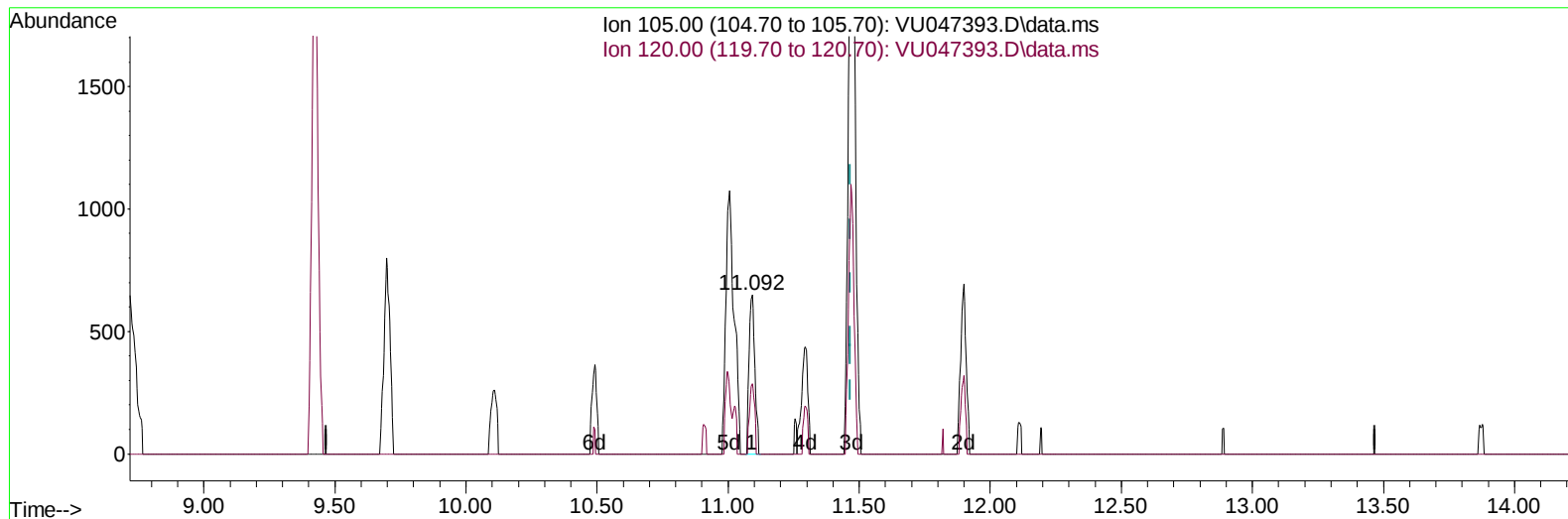
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030822\  
Data File : VU047393.D  
Acq On : 08 Mar 2022 15:51  
Operator : SY/MD  
Sample : N1840-01  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFY20

Manual IntegrationsAPPROVED

Quant Time: Mar 09 04:42:57 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030422WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Mar 09 02:01:55 2022  
Response via : Initial Calibration

Reviewed By :John Carlone 03/09/2022  
Supervised By :Mahesh Dadoda 03/09/2022



TIC: VU047393.D\data.ms

**(63) 1,2,4-Trimethylbenzene**

**11.092min (-0.376) 0.03 ug/L**

**response 1027**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 44.80  | 38.95  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

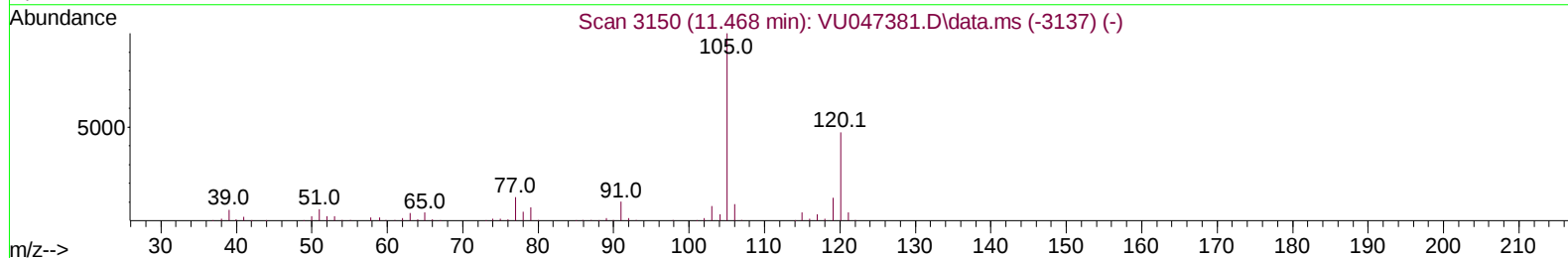
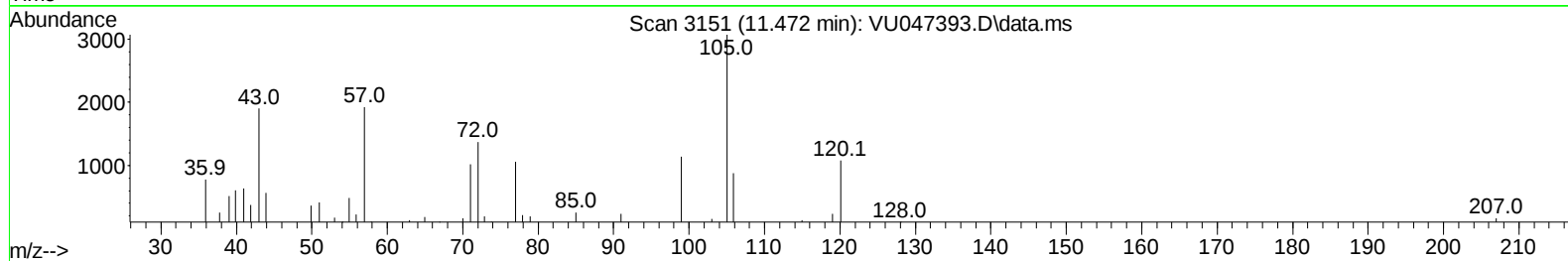
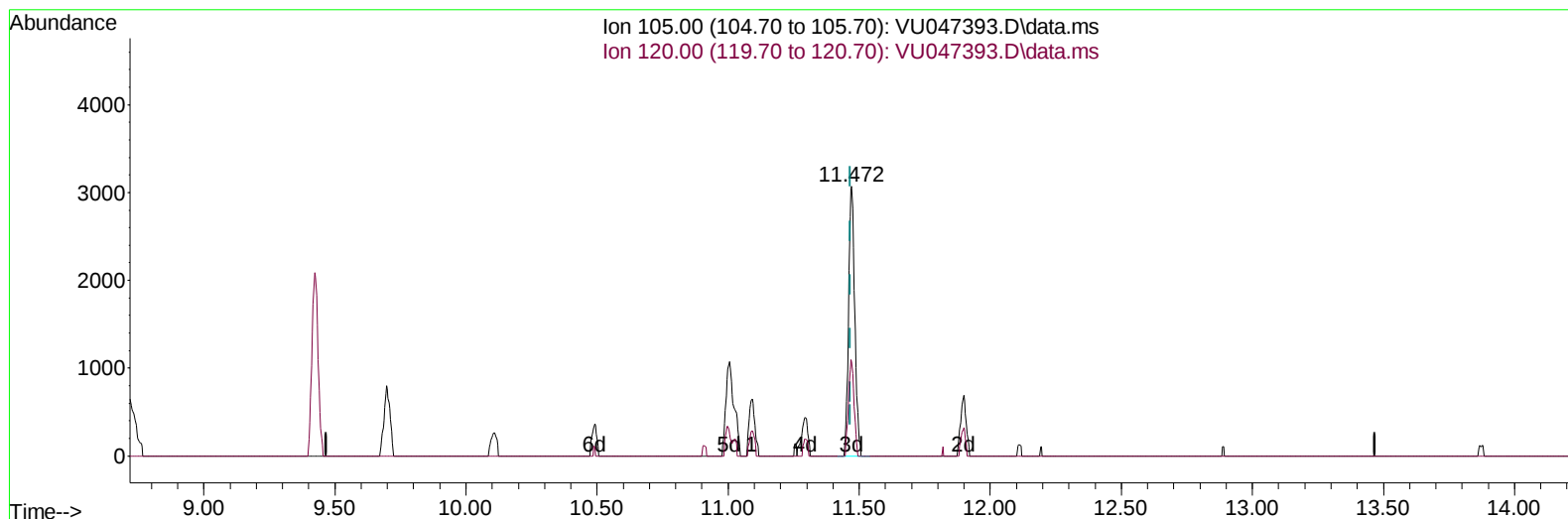
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 Data File : VU047393.D  
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 Operator : SY/MD  
 Sample : N1840-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFY20

Manual IntegrationsAPPROVED

Quant Time: Mar 09 03:04:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 09 02:01:55 2022  
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Reviewed By :John Carlone 03/09/2022  
 Supervised By :Mahesh Dadoda 03/09/2022



TIC: VU047393.D\data.ms

**(63) 1,2,4-Trimethylbenzene**

**11.472min (+ 0.003) 0.15 ug/L m**

**response 4995**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 44.80  | 8.01#  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030822\  
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 Operator : SY/MD  
 Sample : N1840-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFY20

Manual IntegrationsAPPROVED

Quant Time: Mar 09 03:04:38 2022  
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 Response via : Initial Calibration

Reviewed By : John Carlone 03/09/2022  
 Supervised By : Mahesh Dadoda 03/09/2022

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.282    | 114   | 173524   | 5.000  | ug/L     | 0.03     |
| 28) Chlorobenzene-d5          | 9.423    | 117   | 165402   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812   | 152   | 86736    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.610    | 65    | 38686    | 3.141  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 40 | - 130 | Recovery | =      | 62.800%  |          |
| 7) Chloroethane-d5            | 1.938    | 69    | 41038    | 3.994  | ug/L     | 0.02     |
| Spiked Amount 5.000           | Range 65 | - 130 | Recovery | =      | 79.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.584    | 65    | 18240    | 3.507  | ug/L     | 0.01     |
| Spiked Amount 5.000           | Range 60 | - 125 | Recovery | =      | 70.200%  |          |
| 20) 2-Butanone-d5             | 4.742    | 46    | 180560   | 44.657 | ug/L     | 0.10     |
| Spiked Amount 50.000          | Range 40 | - 130 | Recovery | =      | 89.320%  |          |
| 24) Chloroform-d              | 5.099    | 84    | 96746    | 4.252  | ug/L     | 0.03     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 85.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.748    | 65    | 56235    | 4.403  | ug/L     | 0.04     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 88.000%  |          |
| 32) Benzene-d6                | 5.764    | 84    | 177805   | 3.817  | ug/L     | 0.03     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 76.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.719    | 67    | 63903    | 4.404  | ug/L     | 0.03     |
| Spiked Amount 5.000           | Range 60 | - 140 | Recovery | =      | 88.000%  |          |
| 41) Toluene-d8                | 7.912    | 98    | 152142   | 3.459  | ug/L     | 0.01     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 69.200%# |          |
| 43) trans-1,3-Dichloroprop... | 8.195    | 79    | 24513    | 3.845  | ug/L     | 0.01     |
| Spiked Amount 5.000           | Range 55 | - 130 | Recovery | =      | 76.800%  |          |
| 46) 2-Hexanone-d5             | 8.652    | 63    | 171145   | 47.166 | ug/L     | 0.02     |
| Spiked Amount 50.000          | Range 45 | - 130 | Recovery | =      | 94.340%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761   | 84    | 64985    | 4.396  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 120 | Recovery | =      | 88.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195   | 152   | 69716    | 4.102  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 | Recovery | =      | 82.000%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        |          | Qvalue   |
| 5) Vinyl chloride             | 1.617    | 62    | 3673     | 0.319  | ug/L     | 85       |
| 12) 1,1-Dichloroethene        | 2.597    | 96    | 20603    | 2.422  | ug/L     | 90       |
| 13) Acetone                   | 2.765    | 43    | 9956m    | 6.100  | ug/L     |          |
| 17) Methyl tert-butyl Ether   | 3.404    | 73    | 282684   | 12.412 | ug/L     | 99       |
| 19) 1,1-Dichloroethane        | 3.887    | 63    | 16598    | 1.079  | ug/L     | 94       |
| 22) cis-1,2-Dichloroethene    | 4.691    | 96    | 229608   | 22.834 | ug/L     | 95       |
| 29) 1,1,1-Trichloroethane     | 5.353    | 97    | 10449    | 0.752  | ug/L     | 97       |
| 33) Benzene                   | 5.813    | 78    | 5310m    | 0.142  | ug/L     |          |
| 34) Trichloroethene           | 6.568    | 95    | 147870   | 15.072 | ug/L     | 93       |
| 47) Tetrachloroethene         | 8.565    | 164   | 190556   | 22.800 | ug/L     | 92       |
| 53) m,p-Xylene                | 9.700    | 106   | 2529     | 0.147  | ug/L     | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.472   | 105   | 4995m    | 0.148  | ug/L     |          |
| -----                         |          |       |          |        |          |          |

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

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