

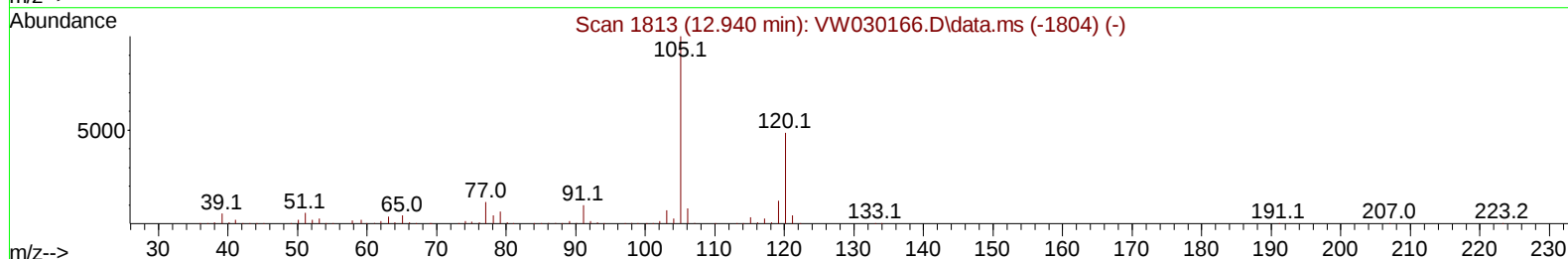
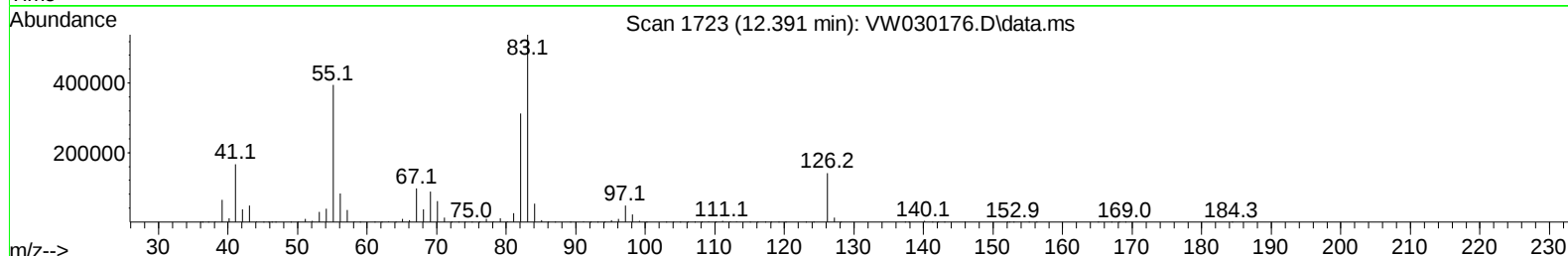
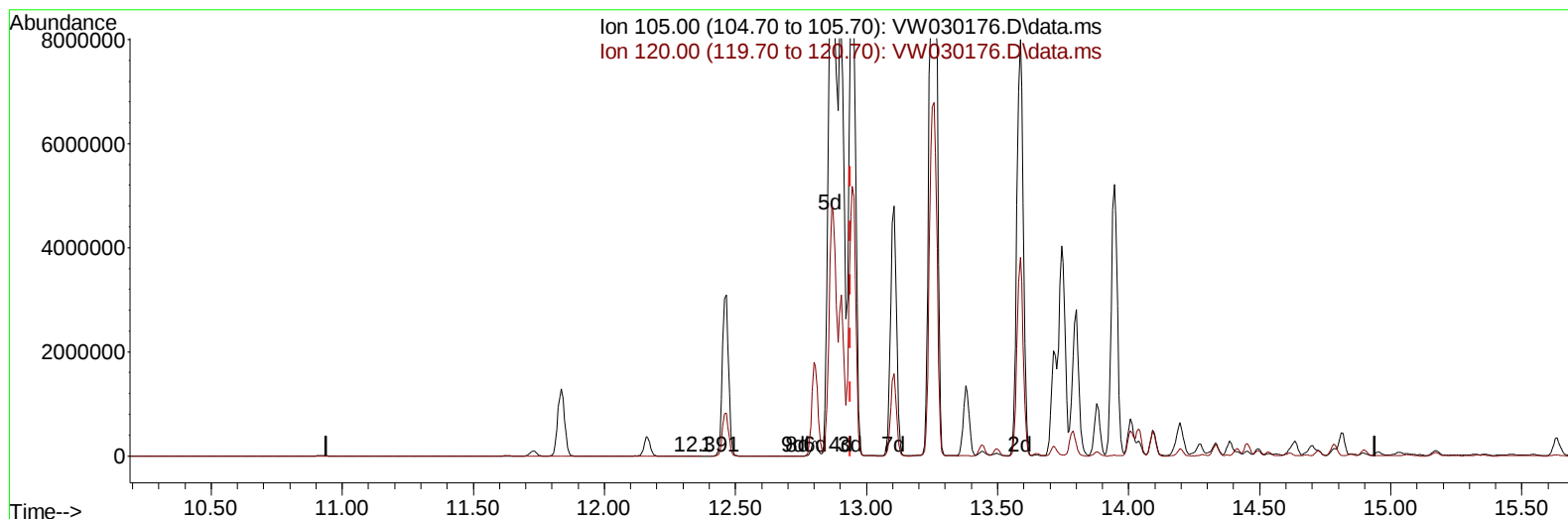
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092024\  
Data File : VW030176.D  
Acq On : 20 Sep 2024 15:38  
Operator : SY/MD  
Sample : P4024-05  
Misc : 10.14g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DDC36

Manual IntegrationsAPPROVED

Quant Time: Sep 28 03:04:59 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Sep 26 01:18:41 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 09/25/2024  
Supervised By :Semsettin Yesilyurt 09/25/2024



TIC: VW030176.D\data.ms

(62) 1,3,5-Trimethylbenzene

12.391min (-0.549) 0.02 ug/L

response 172

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 46.60  | 51.74  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

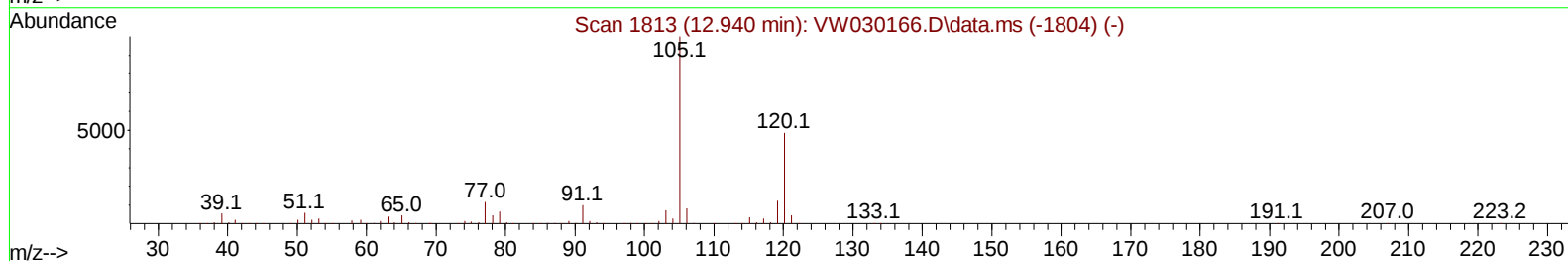
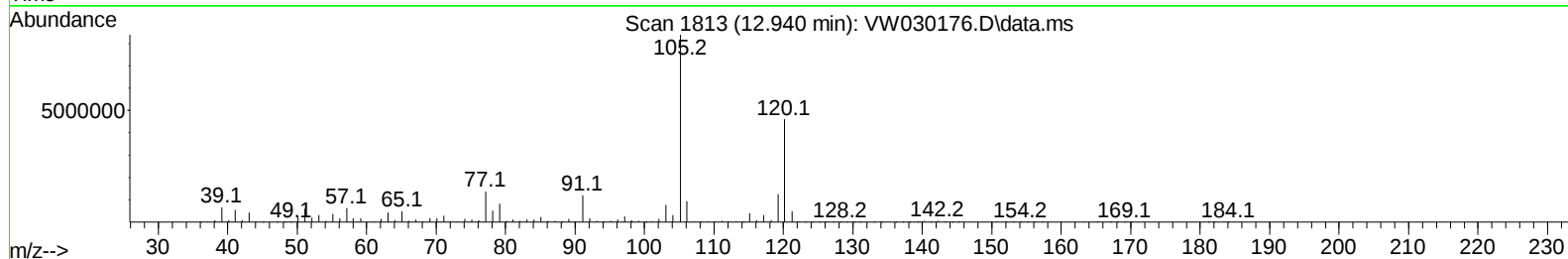
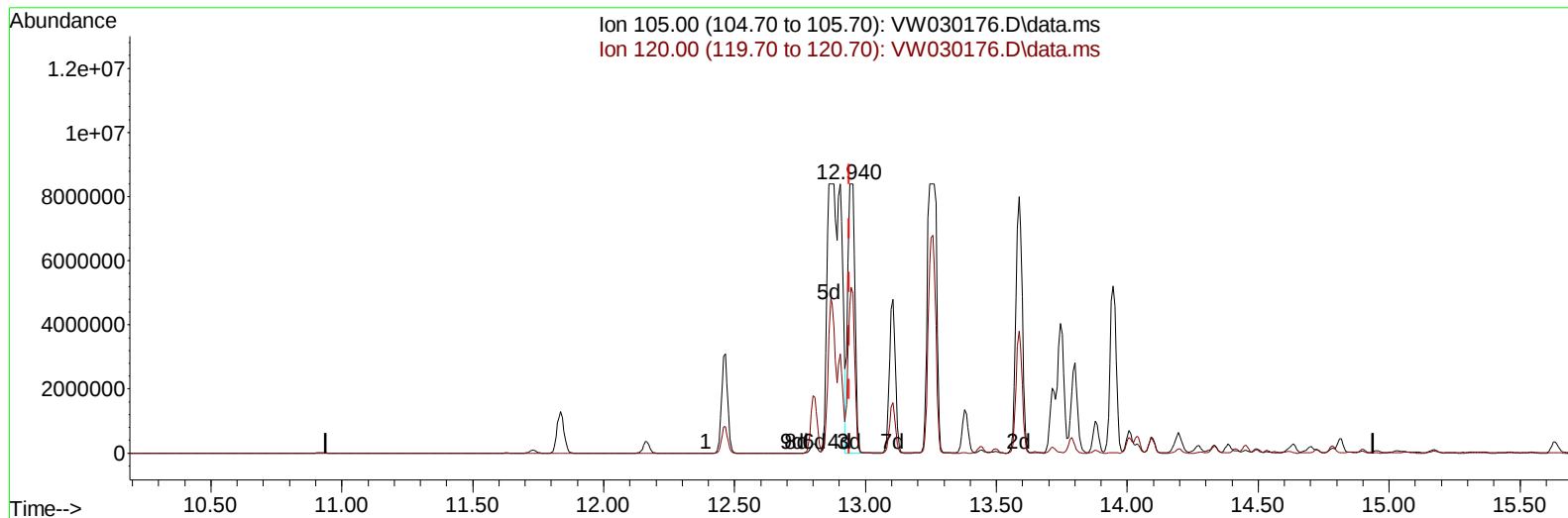
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092024\  
Data File : VW030176.D  
Acq On : 20 Sep 2024 15:38  
Operator : SY/MD  
Sample : P4024-05  
Misc : 10.14g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DDC36

Manual IntegrationsAPPROVED

Quant Time: Sep 20 23:54:37 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Sep 20 23:43:18 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 09/25/2024  
Supervised By :Semsettin Yesilyurt 09/25/2024



TIC: VW030176.D\data.ms

(62) 1,3,5-Trimethylbenzene

12.940min (-0.000) 2019.99 ug/L m

response 16219674

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 46.60  | 0.00#  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

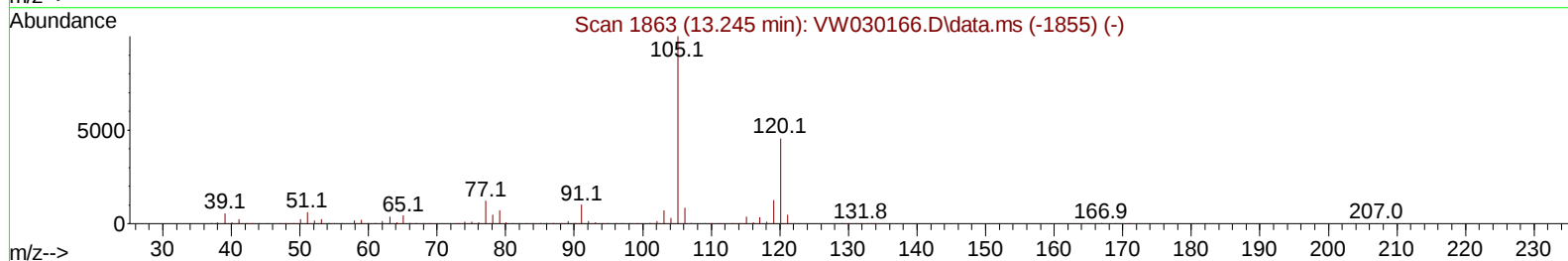
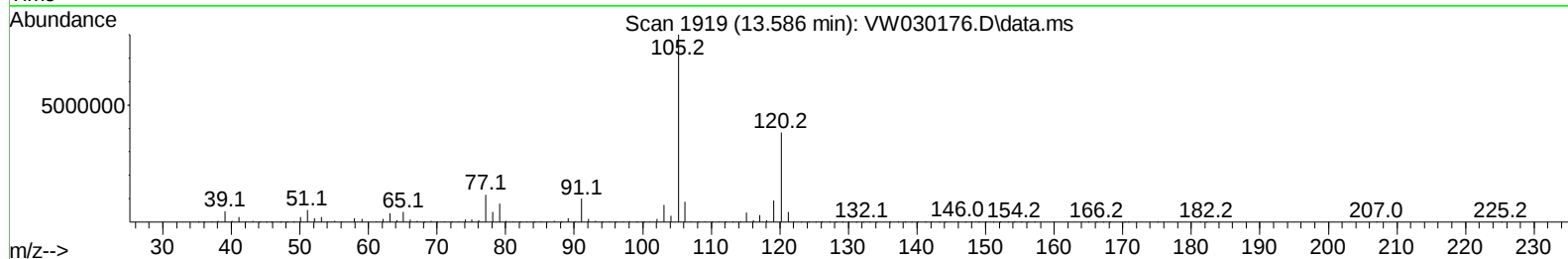
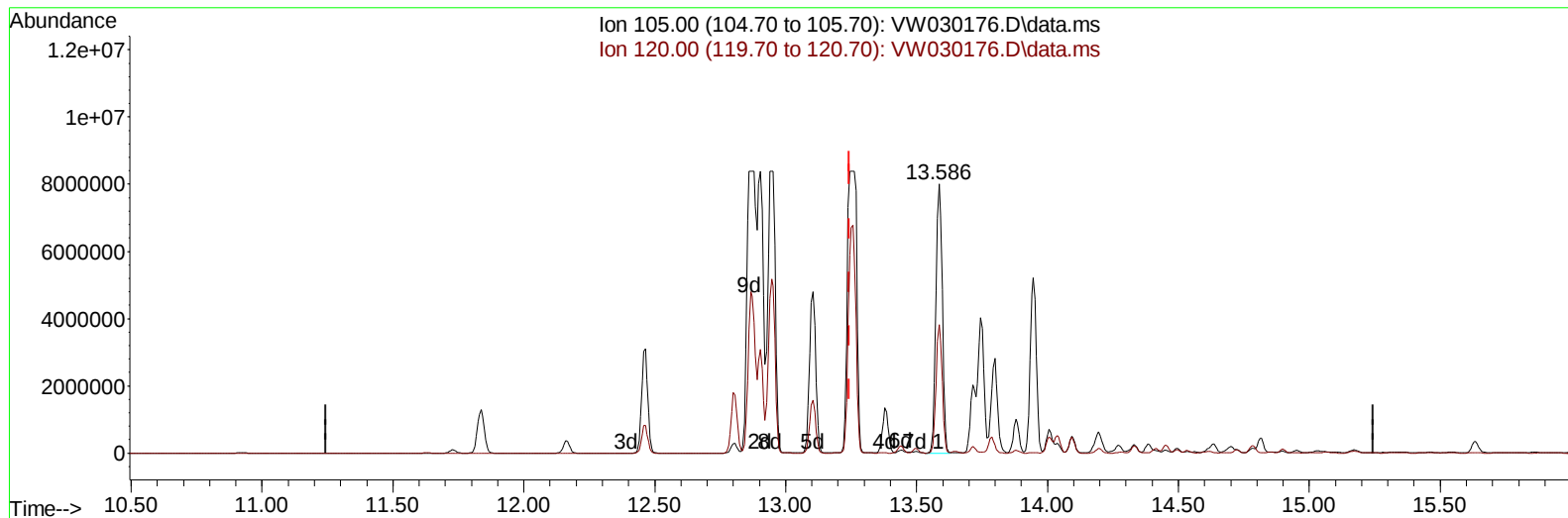
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092024\  
Data File : VW030176.D  
Acq On : 20 Sep 2024 15:38  
Operator : SY/MD  
Sample : P4024-05  
Misc : 10.14g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DDC36

Manual IntegrationsAPPROVED

Quant Time: Sep 20 23:54:37 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Sep 20 23:43:18 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 09/25/2024  
Supervised By :Semsettin Yesilyurt 09/25/2024



TIC: VW030176.D\data.ms

(63) 1,2,4-Trimethylbenzene

13.586min (+ 0.341) 1649.75 ug/L

response 13771434

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 43.50  | 45.88  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

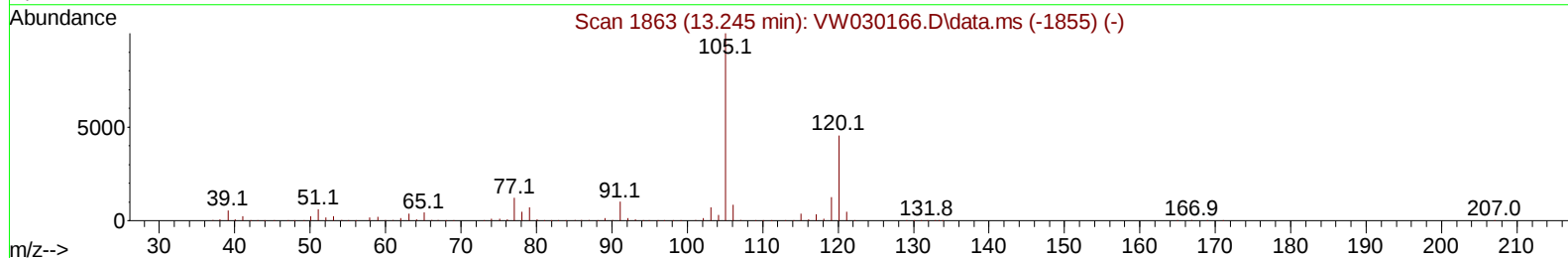
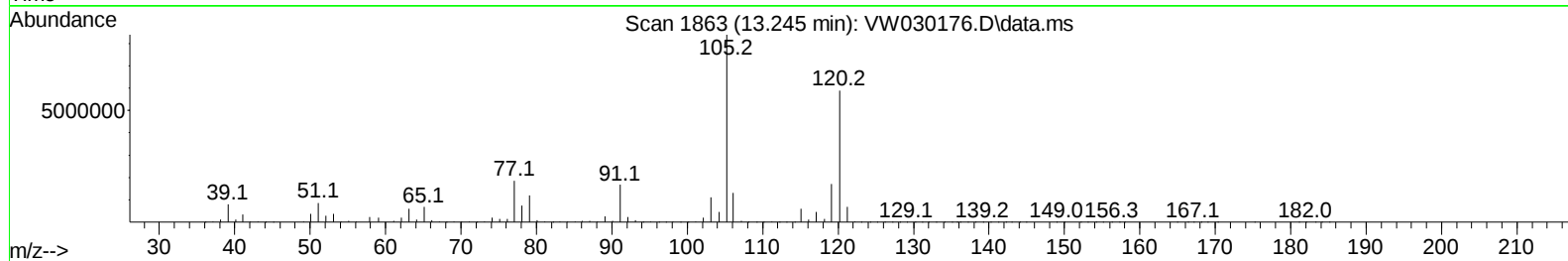
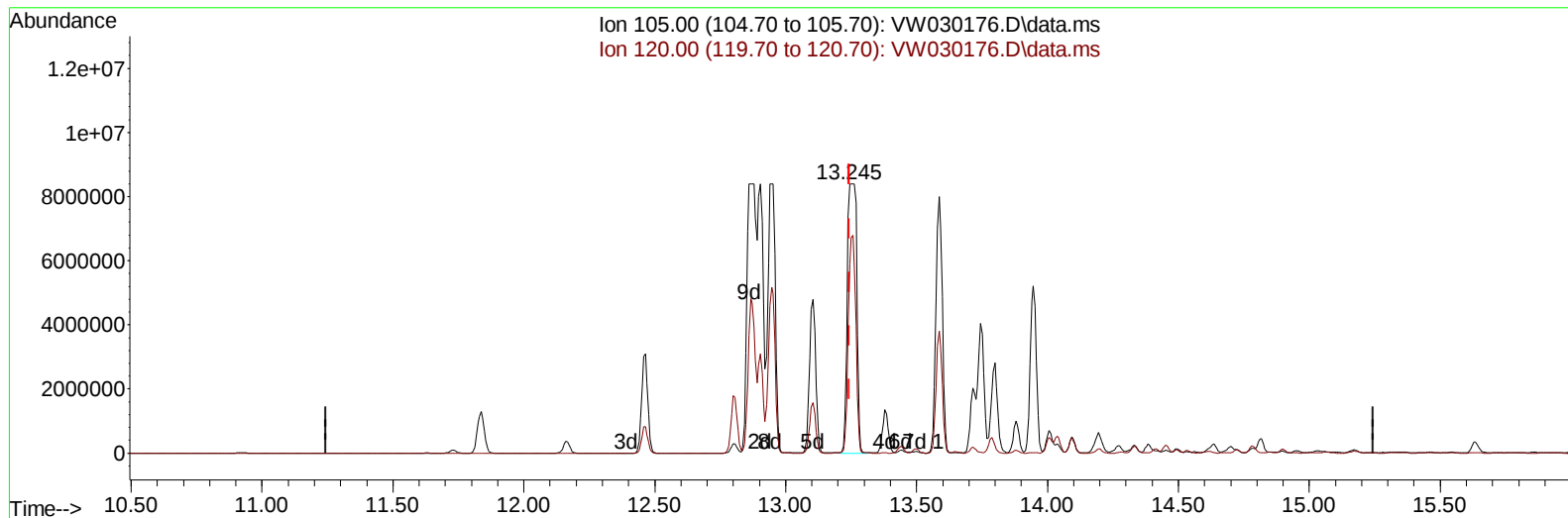
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092024\  
Data File : VW030176.D  
Acq On : 20 Sep 2024 15:38  
Operator : SY/MD  
Sample : P4024-05  
Misc : 10.14g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DDC36

Manual IntegrationsAPPROVED

Quant Time: Sep 20 23:54:37 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Sep 20 23:43:18 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 09/25/2024  
Supervised By :Semsettin Yesilyurt 09/25/2024



TIC: VW030176.D\data.ms

(63) 1,2,4-Trimethylbenzene

13.245min (-0.000) 2540.87 ug/L m

response 21210118

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 43.50  | 29.79# |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092024\  
 Data File : VW030176.D  
 Acq On : 20 Sep 2024 15:38  
 Operator : SY/MD  
 Sample : P4024-05  
 Misc : 10.14g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DDC36

Manual IntegrationsAPPROVED

Quant Time: Sep 20 23:54:37 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 20 23:43:18 2024  
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 09/25/2024  
 Supervised By :Semsettin Yesilyurt 09/25/2024

| Compound                      | R.T.     | QIon  | Response  | Conc     | Units     | Dev(Min) |
|-------------------------------|----------|-------|-----------|----------|-----------|----------|
| -----                         |          |       |           |          |           |          |
| Internal Standards            |          |       |           |          |           |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   | 530503    | 25.000   | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 307480    | 25.000   | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.555   | 152   | 74408     | 25.000   | ug/L      | # 0.00   |
| System Monitoring Compounds   |          |       |           |          |           |          |
| 4) Vinyl Chloride-d3          | 2.368    | 65    | 109990    | 16.055   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery  | =        | 64.200%   |          |
| 7) Chloroethane-d5            | 2.899    | 69    | 95293     | 19.702   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery  | =        | 78.800%   |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    | 53118     | 15.518   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery  | =        | 62.080%   |          |
| 21) 2-Butanone-d5             | 7.075    | 46    | 81105     | 48.891   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery  | =        | 97.780%   |          |
| 24) Chloroform-d              | 7.648    | 84    | 239862    | 16.444   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery  | =        | 65.760%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.306    | 65    | 131492    | 17.952   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery  | =        | 71.800%   |          |
| 32) Benzene-d6                | 8.276    | 84    | 493299    | 27.849   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery  | =        | 111.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    | 148695    | 27.188   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery  | =        | 108.760%  |          |
| 41) Toluene-d8                | 10.318   | 98    | 369847    | 23.299   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery  | =        | 93.200%   |          |
| 43) trans-1,3-Dichloroprop... | 10.574   | 79    | 60737     | 27.720   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery  | =        | 110.880%  |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    | 79569     | 95.078   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery  | =        | 190.160%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.702   | 84    | 125016    | 30.703   | ug/L      | 0.01     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery  | =        | 122.800%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.854   | 152   | 44268     | 17.526   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery  | =        | 70.120%#  |          |
| Target Compounds              |          |       |           |          |           |          |
|                               |          |       |           |          | Qvalue    |          |
| 13) Acetone                   | 4.124    | 43    | 411080    | 215.991  | ug/L      | 96       |
| 14) Carbon disulfide          | 4.386    | 76    | 55217     | 3.069    | ug/L      | 99       |
| 20) cis-1,2-Dichloroethene    | 7.166    | 96    | 89188     | 11.641   | ug/L      | 95       |
| 29) Cyclohexane               | 7.959    | 56    | 82562     | 12.603   | ug/L      | 94       |
| 33) Benzene                   | 8.325    | 78    | 62678     | 3.334    | ug/L      | 100      |
| 34) Trichloroethene           | 9.093    | 95    | 116641    | 22.984   | ug/L      | 97       |
| 35) Methylcyclohexane         | 9.337    | 83    | 215778    | 27.580   | ug/L      | 98       |
| 40) 4-Methyl-2-pentanone      | 10.208   | 43    | 20689     | 7.946    | ug/L      | # 86     |
| 42) Toluene                   | 10.385   | 91    | 651744    | 32.672   | ug/L      | 99       |
| 46) Tetrachloroethene         | 10.861   | 164   | 735428    | 196.398  | ug/L      | 92       |
| 51) Chlorobenzene             | 11.653   | 112   | 237487    | 18.432   | ug/L      | 90       |
| 52) Ethylbenzene              | 11.726   | 91    | 3114532   | 136.399  | ug/L      | 98       |
| 53) m,p-Xylene                | 11.836   | 106   | 5211195   | 618.544  | ug/L      | 83       |
| 54) o-Xylene                  | 12.159   | 106   | 1469329   | 185.336  | ug/L      | 90       |
| 60) Isopropylbenzene          | 12.464   | 105   | 5046190   | 460.610  | ug/L      | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.940   | 105   | 16219674m | 2019.986 | ug/L      |          |
| 63) 1,2,4-Trimethylbenzene    | 13.245   | 105   | 21210118m | 2540.874 | ug/L      |          |
| -----                         |          |       |           |          |           |          |

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Data File : Vw030176.D  
Acq On : 20 Sep 2024 15:38  
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Sample : P4024-05  
Misc : 10.14g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DDC36

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 09/25/2024  
Supervised By :Semsettin Yesilyurt 09/25/2024

Quant Time: Sep 20 23:54:37 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Sep 20 23:43:18 2024  
Response via : Initial Calibration

| Compound | R.T. | Q | Ion | Response | Conc | Units | Dev | (Min) |
|----------|------|---|-----|----------|------|-------|-----|-------|
|----------|------|---|-----|----------|------|-------|-----|-------|

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092024\  
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## Manual IntegrationsAPPROVED

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