

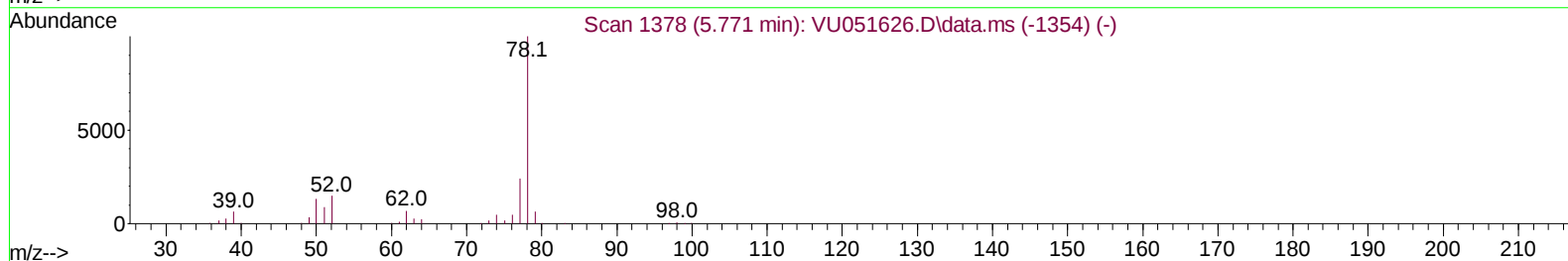
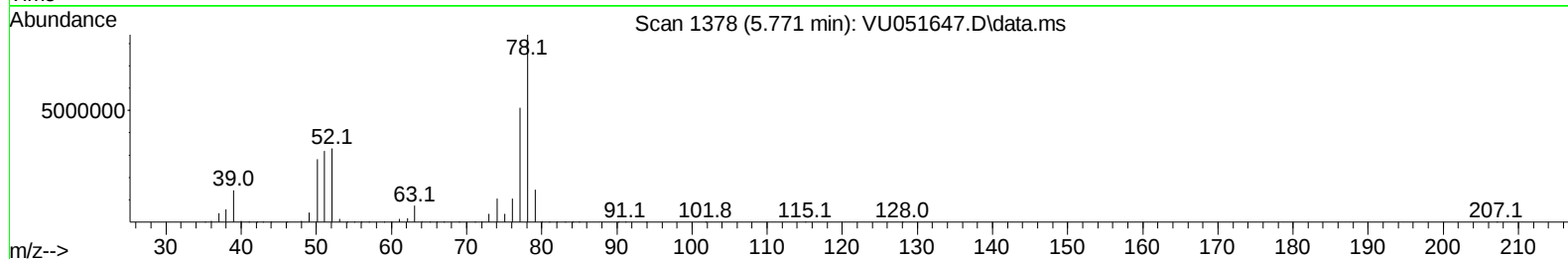
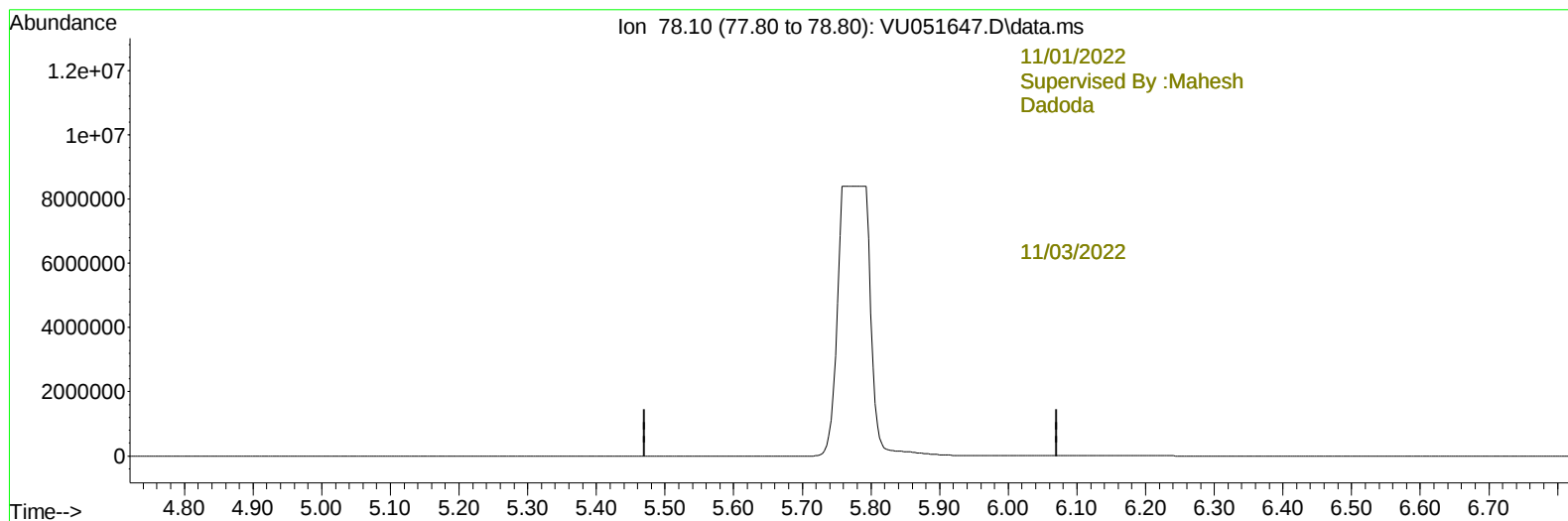
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU103122\  
Data File : VU051647.D  
Acq On : 01 Nov 2022 06:38  
Operator : JC/MD  
Sample : N5319-07  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BHAA0

Manual IntegrationsAPPROVED

Quant Time: Nov 01 07:31:02 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Nov 01 02:34:58 2022  
Response via : Initial Calibration

Reviewed By :Krupa  
Patel



TIC: VU051647.D\data.ms

**(33) Benzene (T)**

5.771min (-5.771) 0.00 ug/L

response 0

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

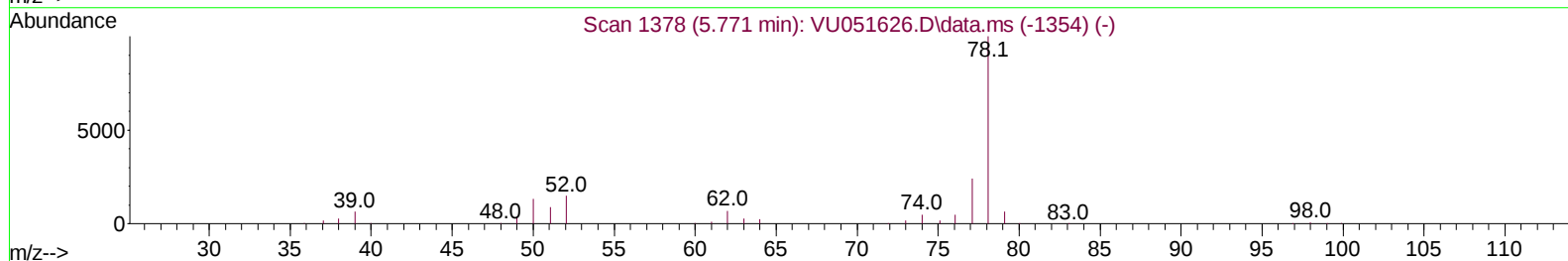
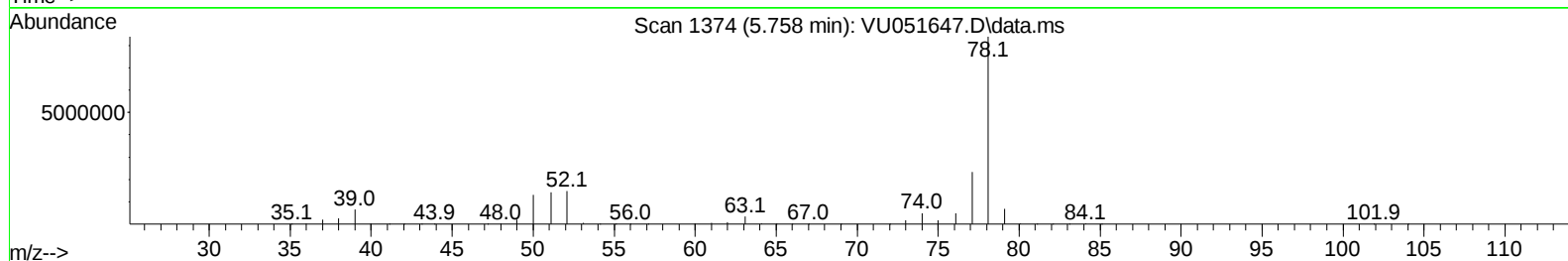
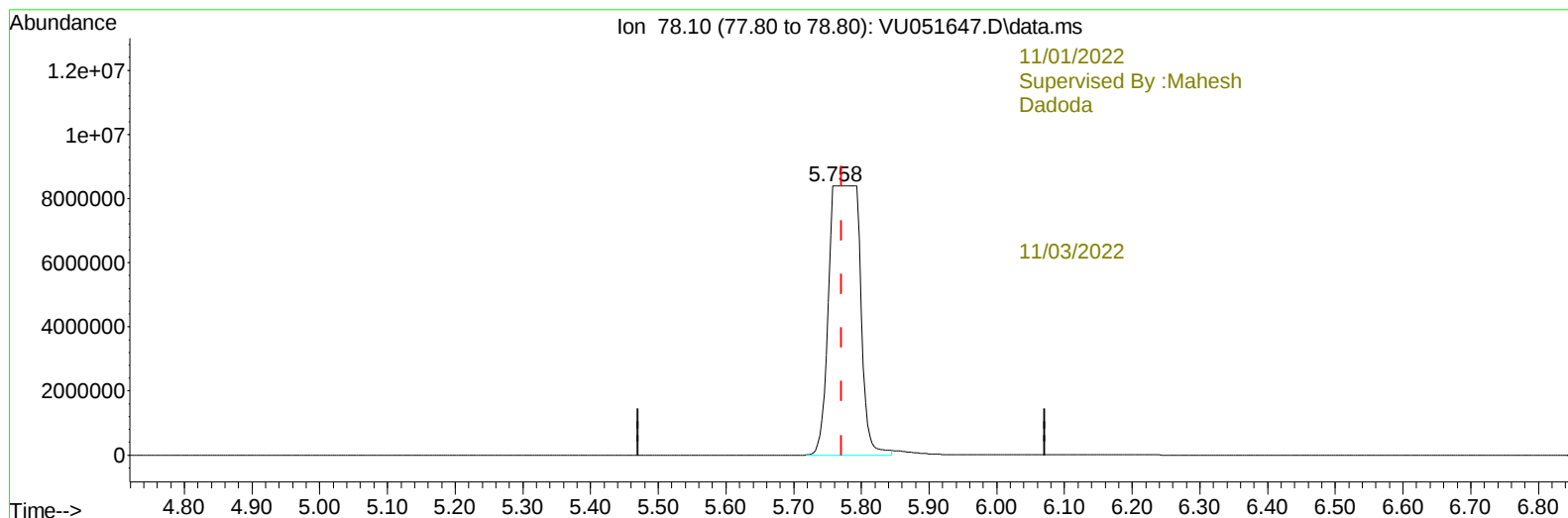
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Reviewed By :Krupa  
 Patel



TIC: VU051647.D\data.ms

**(33) Benzene (T)**

**5.758min (-0.013) 278.36 ug/L m**

**response 26753972**

| 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   |

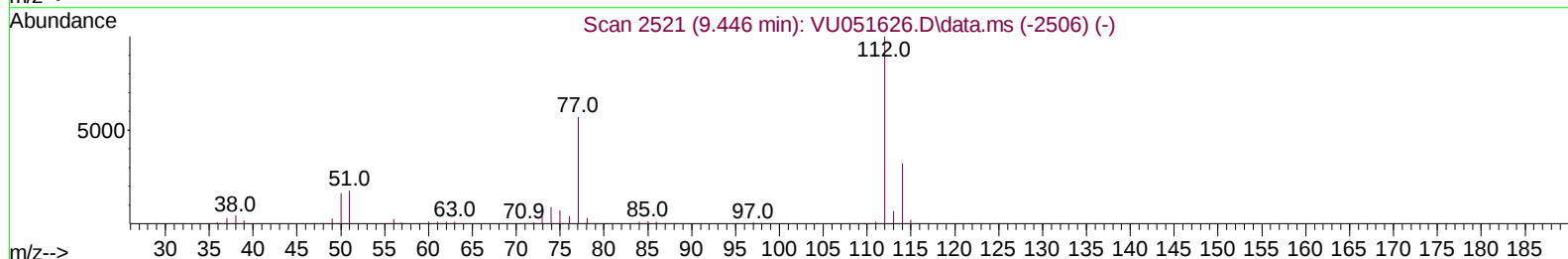
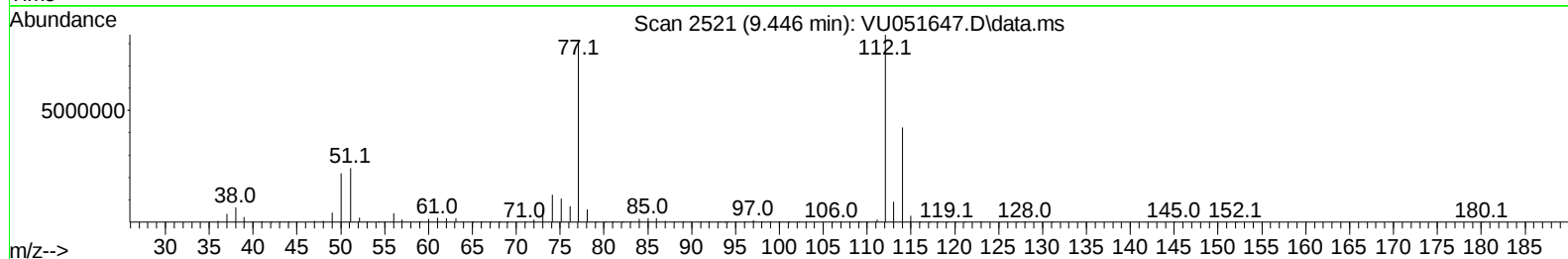
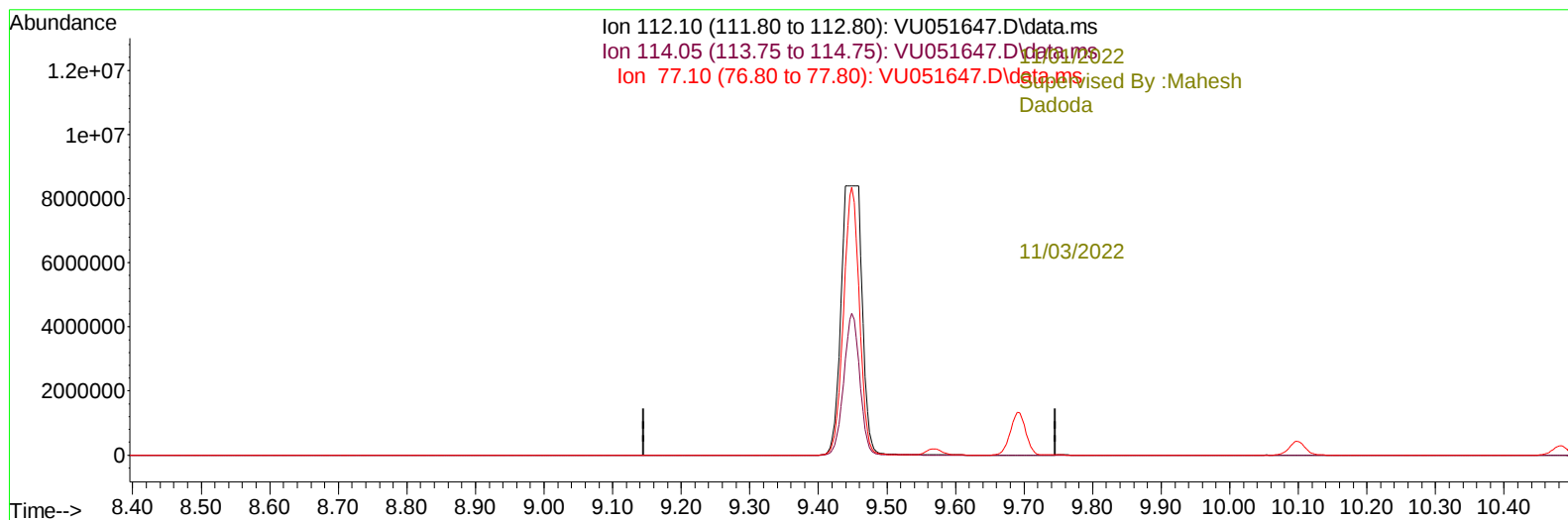
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Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BHAA0

Manual IntegrationsAPPROVED

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Patel



TIC: VU051647.D\data.ms

**(51) Chlorobenzene (T)**

9.446min (-9.446) 0.00 ug/L

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 112.10 | 100.00 | 0.00  |
| 114.05 | 31.40  | 0.00# |
| 77.10  | 58.40  | 0.00# |
| 0.00   | 0.00   | 0.00  |

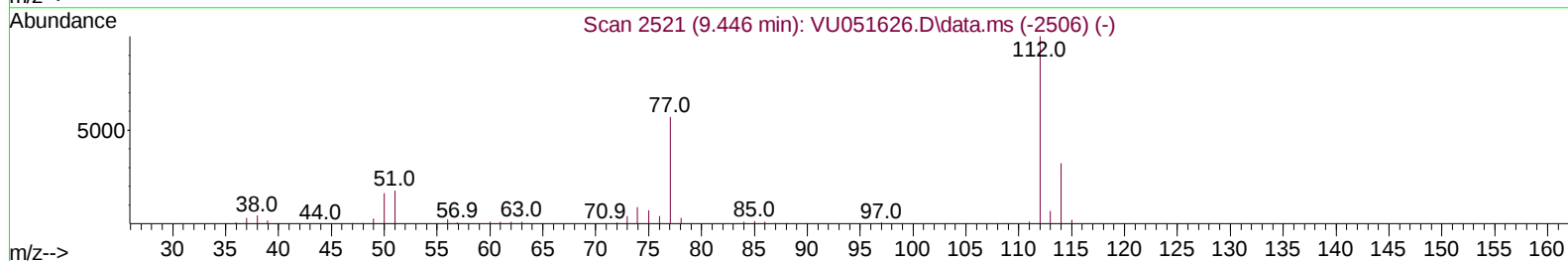
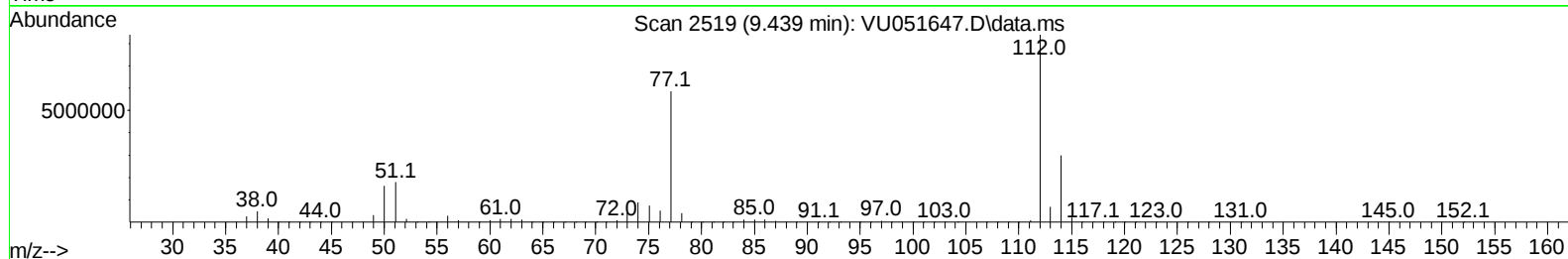
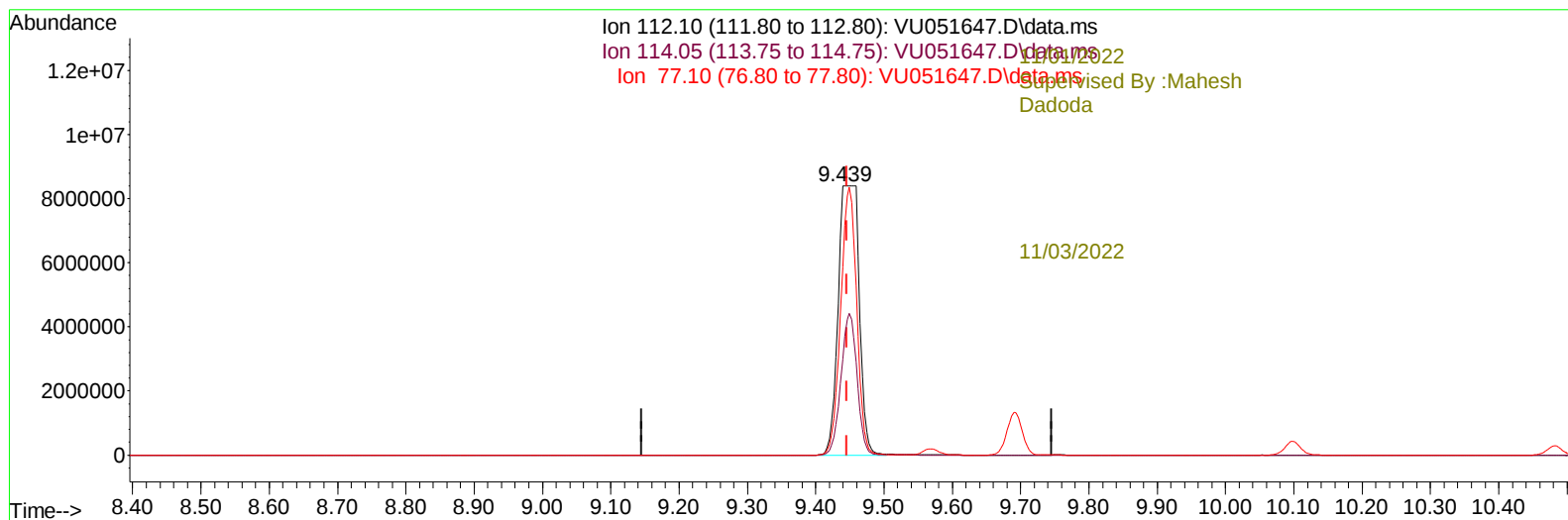
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 Operator : JC/MD  
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 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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Reviewed By :Krupa  
 Patel



TIC: VU051647.D\data.ms

(51) Chlorobenzene (T)

9.439min (-0.006) 288.07 ug/L m

response 17896046

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 112.10 | 100.00 | 100.00 |
| 114.05 | 31.40  | 35.68  |
| 77.10  | 58.40  | 69.84  |
| 0.00   | 0.00   | 0.00   |

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 Operator : JC/MD  
 Sample : N5319-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHAA0

Manual IntegrationsAPPROVED

Quant Time: Nov 01 07:31:02 2022  
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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 01 02:34:58 2022  
 Response via : Initial Calibration

Reviewed By :Krupa  
 Patel

| Compound                      | R.T.   | Q     | Ion      | Response  | Conc    | Units    | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|---------|----------|----------|
| -----11/01/2022               |        |       |          |           |         |          |          |
| Supervised By :Mahesh         |        |       |          |           |         |          |          |
| Dadoda                        |        |       |          |           |         |          |          |
| Internal Standards            |        |       |          |           |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   |          | 247567    | 5.000   | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   |          | 243551    | 5.000   | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   |          | 129725    | 5.000   | ug/L     | 0.00     |
| System Monitoring Compounds   |        |       |          |           |         |          |          |
| 4) Vinyl Chloride-d3          | 1.594  | 65    |          | 69028     | 3.702   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery  | =       | 74.000%  |          |
| 7) Chloroethane-d5            | 1.912  | 69    |          | 83539     | 4.296   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery  | =       | 86.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.562  | 65    |          | 26936     | 3.981   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery  | =       | 79.600%  |          |
| 20) 2-Butanone-d5             | 4.639  | 46    |          | 356888    | 52.852  | ug/L     | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery  | =       | 105.700% |          |
| 24) Chloroform-d              | 5.060  | 84    |          | 184221    | 4.222   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery  | =       | 84.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    |          | 102437    | 4.346   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery  | =       | 87.000%  |          |
| 32) Benzene-d6                | 5.729  | 84    |          | 361108    | 4.698   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery  | =       | 94.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    |          | 126792    | 4.718   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery  | =       | 94.400%  |          |
| 41) Toluene-d8                | 7.896  | 98    |          | 282886    | 4.680   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery  | =       | 93.600%  |          |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    |          | 30562     | 3.719   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery  | =       | 74.400%  |          |
| 46) 2-Hexanone-d5             | 8.632  | 63    |          | 279977    | 56.598  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery  | =       | 113.200% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84    |          | 124985    | 5.075   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery  | =       | 101.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   |          | 111582    | 4.686   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery  | =       | 93.800%  |          |
| Target Compounds              |        |       |          |           |         |          |          |
|                               |        |       |          |           |         | Qvalue   |          |
| 8) Chloroethane               | 1.932  | 64    |          | 137811    | 6.942   | ug/L     | 94       |
| 13) Acetone                   | 2.649  | 43    |          | 18764     | 5.477   | ug/L     | 93       |
| 14) Carbon disulfide          | 2.790  | 76    |          | 21564     | 0.311   | ug/L     | 99       |
| 18) trans-1,2-Dichloroethene  | 3.353  | 96    |          | 8352      | 0.362   | ug/L     | 91       |
| 19) 1,1-Dichloroethane        | 3.867  | 63    |          | 5233      | 0.123   | ug/L     | 97       |
| 22) cis-1,2-Dichloroethene    | 4.665  | 96    |          | 26762     | 1.047   | ug/L     | 98       |
| 30) Cyclohexane               | 5.385  | 56    |          | 250053    | 8.212   | ug/L     | 99       |
| 33) Benzene                   | 5.758  | 78    |          | 26753972m | 278.363 | ug/L     |          |
| 35) Methylcyclohexane         | 6.761  | 83    |          | 247737    | 7.725   | ug/L     | 97       |
| 42) Toluene                   | 7.967  | 91    |          | 1249249   | 12.656  | ug/L     | 100      |
| 51) Chlorobenzene             | 9.439  | 112   |          | 17896046m | 288.068 | ug/L     |          |
| 52) Ethylbenzene              | 9.568  | 91    |          | 3783732   | 39.728  | ug/L     | 99       |
| 53) m,p-Xylene                | 9.690  | 106   |          | 7903536   | 213.650 | ug/L     | 80       |
| 54) o-Xylene                  | 10.099 | 106   |          | 2552054   | 70.590  | ug/L     | 99       |
| 60) Isopropylbenzene          | 10.481 | 105   |          | 2952305   | 31.175  | ug/L     | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.086 | 105   |          | 579637    | 22.735  | ug/L     | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.465 | 105   |          | 2418726   | 32.902  | ug/L     | 99       |
| 64) 1,3-Dichlorobenzene       | 11.745 | 146   |          | 104927    | 2.226   | ug/L     | 99       |

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 ALS Vial : 46 Sample Multiplier: 1

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 MSVOA\_U  
 ClientSampleId :  
 BHAA0

## Manual IntegrationsAPPROVED

Reviewed By :Krupa  
 Patel

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 Quant Title : TRACE VOA SFAM1.0  
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| Compound                | R.T.   | Q     | Ion   | Response | Conc  | Units | Dev(Min) |
|-------------------------|--------|-------|-------|----------|-------|-------|----------|
| -----                   | -----  | ----- | ----- | -----    | ----- | ----- | -----    |
| 65) 1,4-Dichlorobenzene | 11.835 | 146   |       | 466212   | 9.862 | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene | 12.208 | 146   |       | 214643   | 4.674 | ug/L  | 99       |
| -----                   | -----  | ----- | ----- | -----    | ----- | ----- | -----    |

11/01/2022  
 Supervised By :Mahesh  
 Padoda

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

11/03/2022

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