

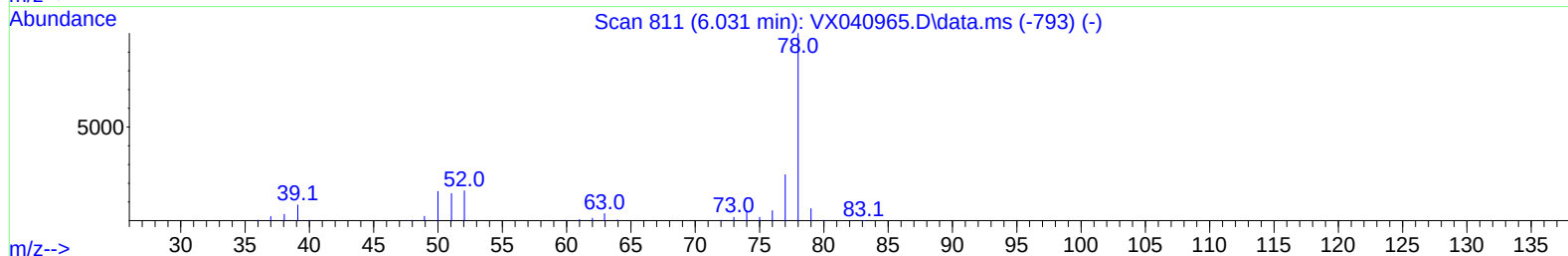
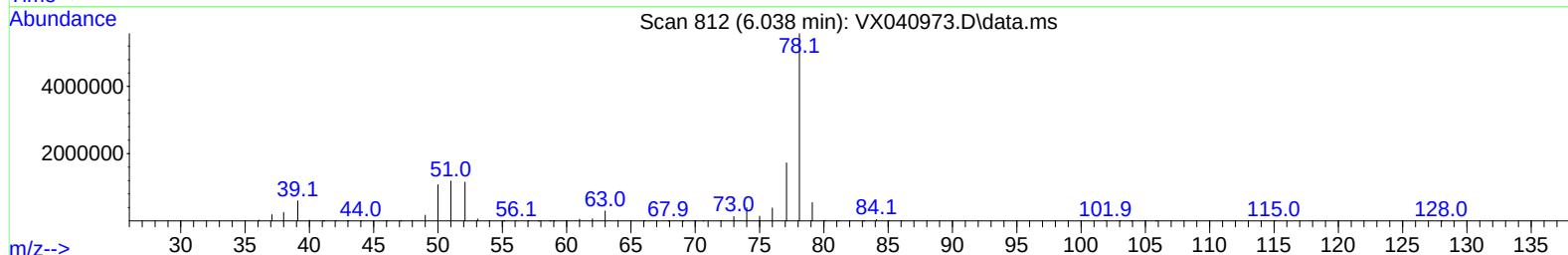
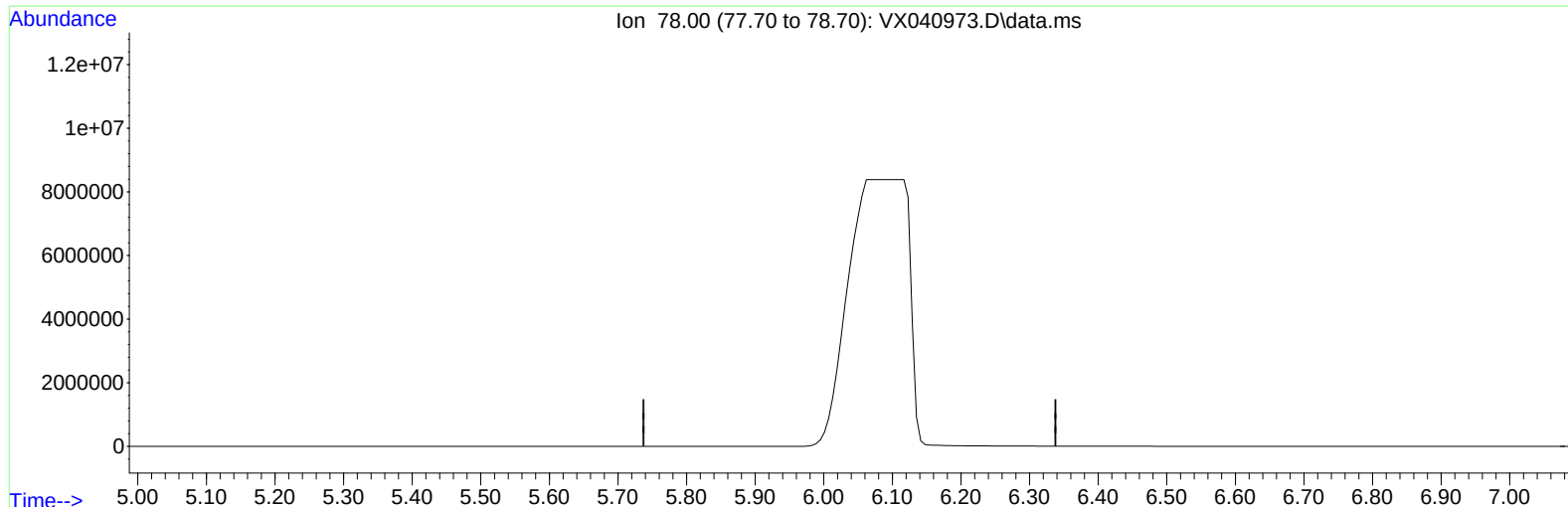
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041124\  
Data File : VX040973.D  
Acq On : 11 Apr 2024 12:50  
Operator : JC/MD  
Sample : P2048-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MC0R47

Manual IntegrationsAPPROVED

Quant Time: Apr 12 01:46:43 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Apr 11 05:36:34 2024  
Response via : Initial Calibration

Reviewed By :John Carlone 04/12/2024  
Supervised By :Semsettin Yesilyurt 04/12/2024



TIC: VX040973.D\data.ms

(33) Benzene (T)

6.038min (-6.038) 0.00 ug/L

response 0

| Ion   | Exp%   | Act% |
|-------|--------|------|
| 78.00 | 100.00 | 0.00 |
| 0.00  | 0.00   | 0.00 |
| 0.00  | 0.00   | 0.00 |
| 0.00  | 0.00   | 0.00 |

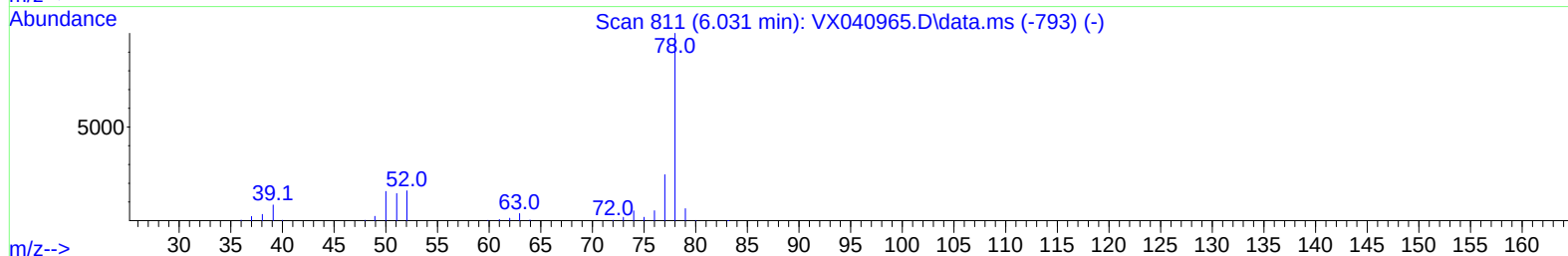
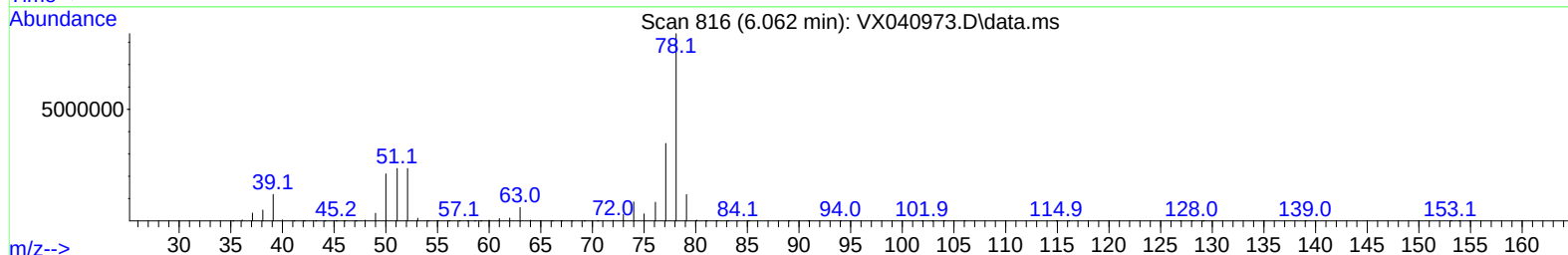
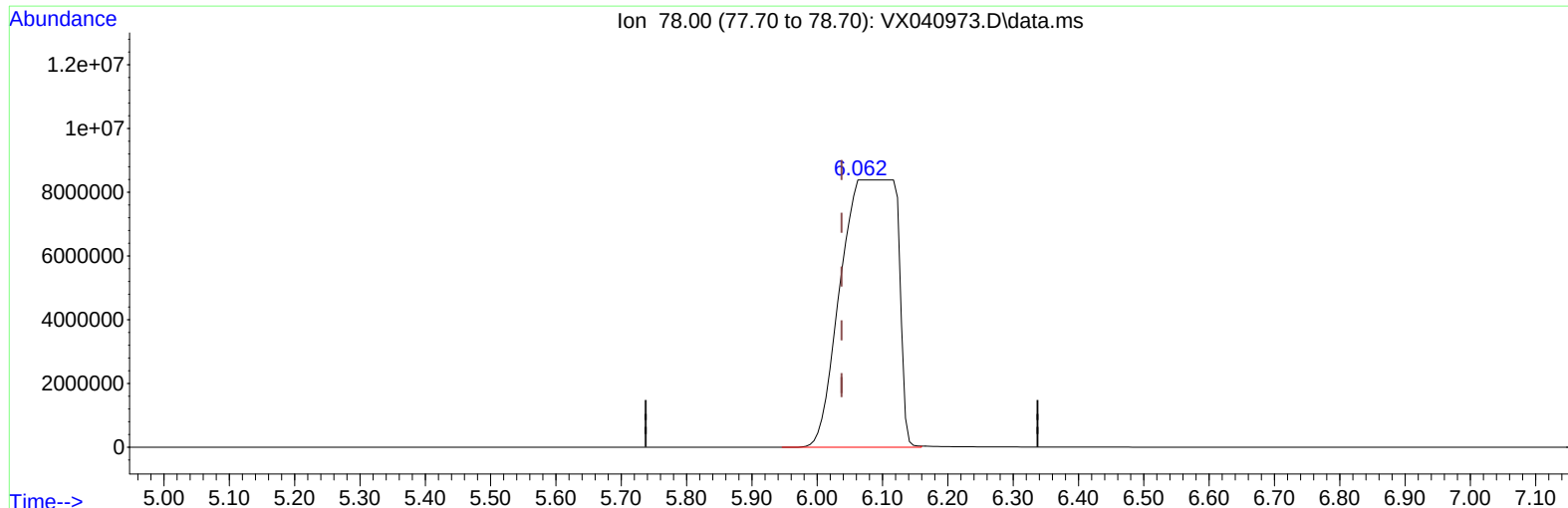
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## (33) Benzene (T)

6.062min (+ 0.024) 6447.44 ug/L m

response 50345246

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 78.00 | 100.00 | 100.00 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

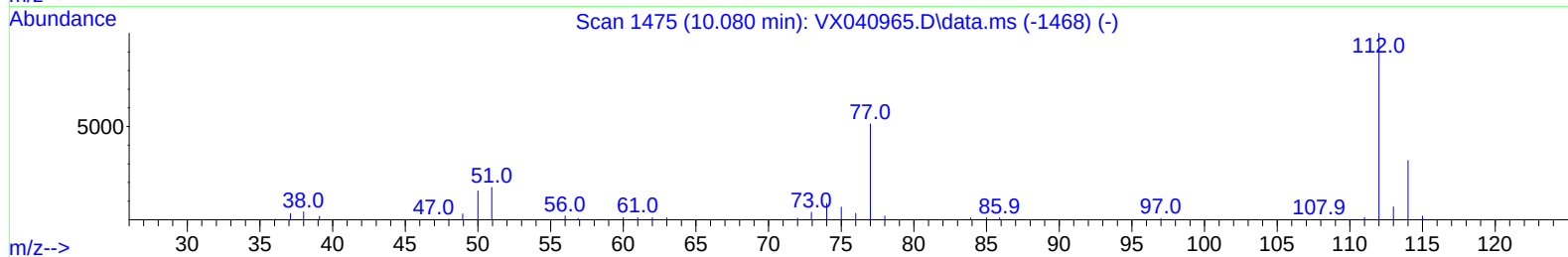
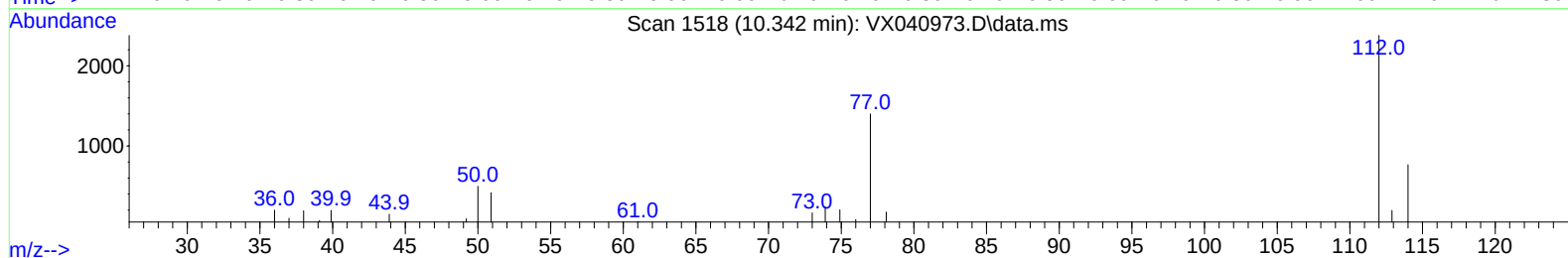
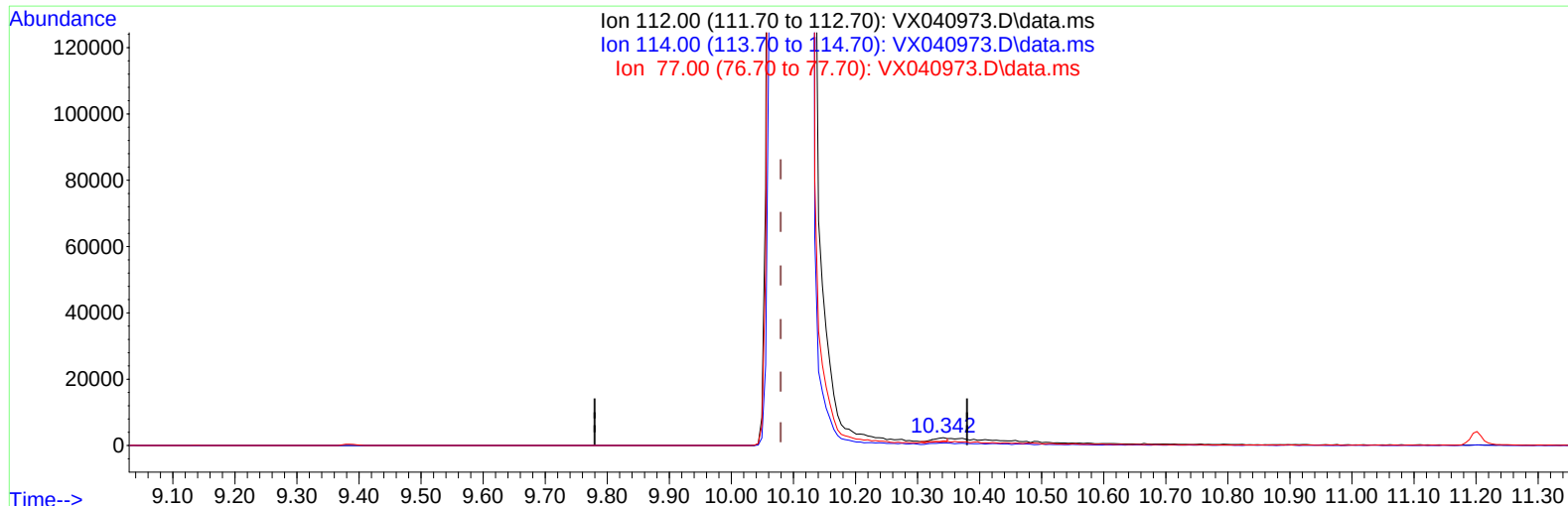
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Data File : VX040973.D  
Acq On : 11 Apr 2024 12:50  
Operator : JC/MD  
Sample : P2048-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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TIC: VX040973.D\data.ms

## (51) Chlorobenzene (T)

10.342min (+ 0.262) 0.30 ug/L

response 1819

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 112.00 | 100.00 | 100.00 |
| 114.00 | 32.90  | 32.24  |
| 77.00  | 54.20  | 58.85  |
| 0.00   | 0.00   | 0.00   |

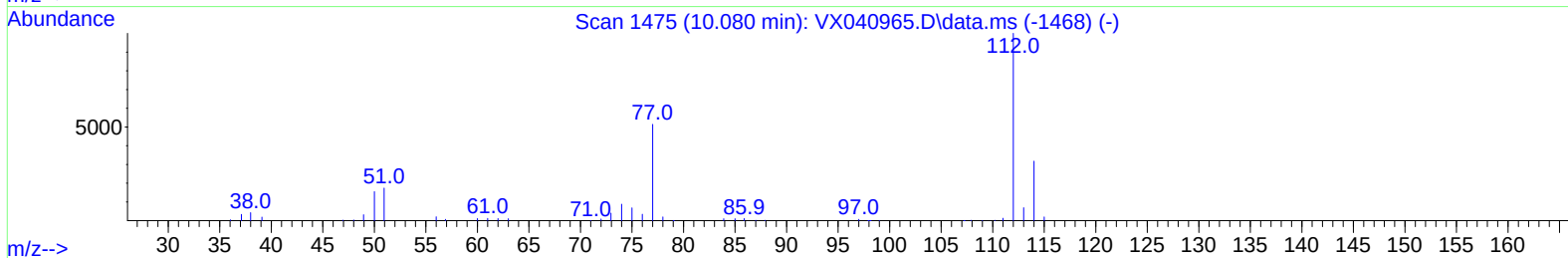
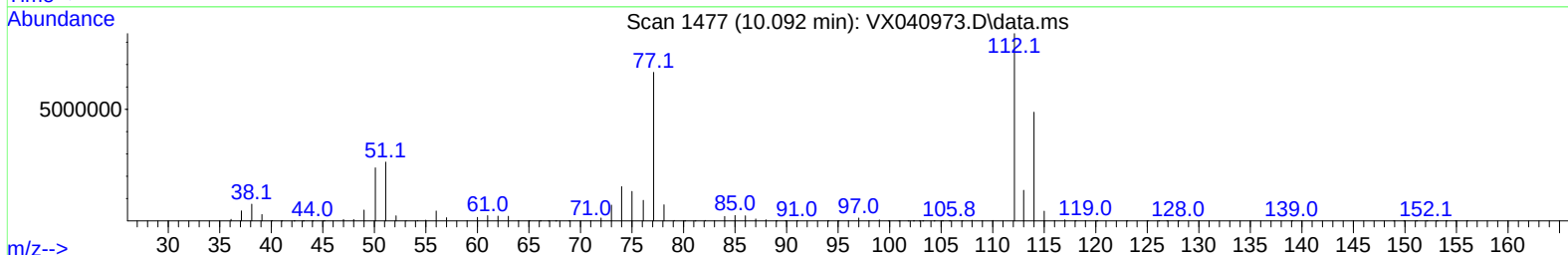
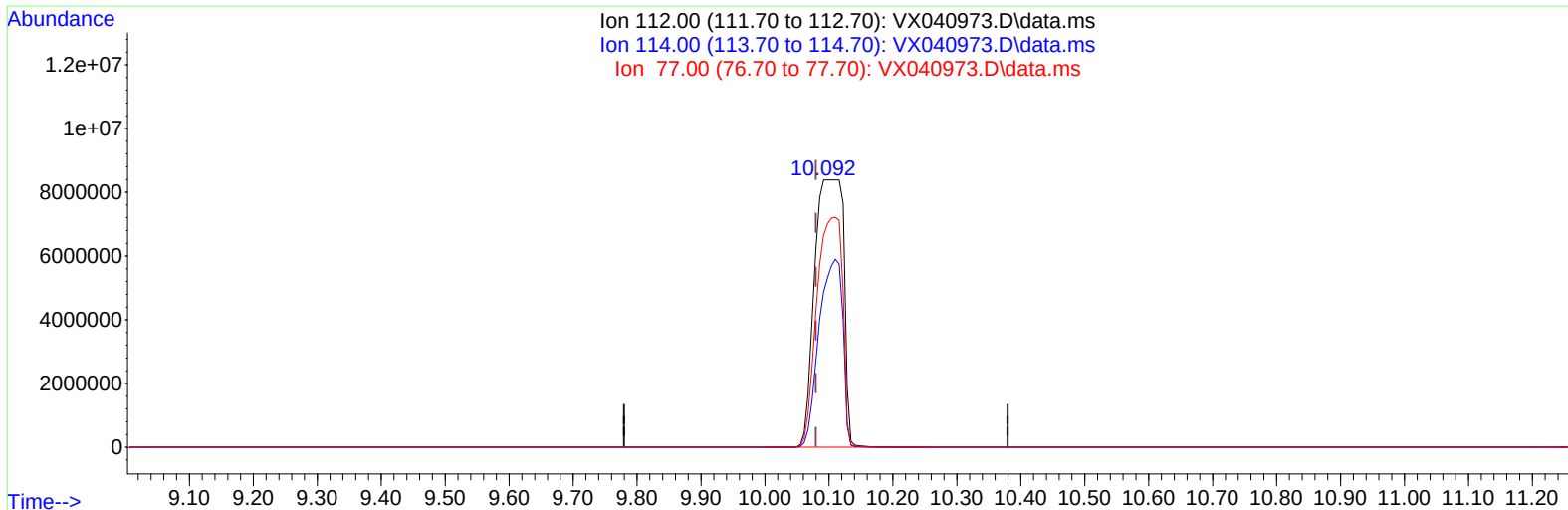
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Data File : VX040973.D  
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Sample : P2048-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Quant Title : VOC Analysis  
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Response via : Initial Calibration



TIC: VX040973.D\data.ms

## (51) Chlorobenzene (T)

10.092min (+ 0.012) 4353.34 ug/L m

response 26382129

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 112.00 | 100.00 | 100.00 |
| 114.00 | 32.90  | 58.05# |
| 77.00  | 54.20  | 79.30# |
| 0.00   | 0.00   | 0.00   |

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 Operator : JC/MD  
 Sample : P2048-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MC0R47

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 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 11 05:36:34 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 301938     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.073         | 117  | 300966     | 50.000   | ug/L   | 0.02     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 166071     | 50.000   | ug/L   | # 0.00   |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 98147      | 45.701   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 91.400%  |        |          |
| 7) Chloroethane-d5            | 1.666          | 69   | 84552      | 48.274   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 96.540%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.307          | 65   | 42750      | 46.625   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 93.240%  |        |          |
| 21) 2-Butanone-d5             | 4.459          | 46   | 115153     | 98.435   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 98.430%  |        |          |
| 24) Chloroform-d              | 5.056          | 84   | 185598     | 46.317   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.640%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.989          | 65   | 132374     | 50.785   | ug/L   | 0.04     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.580% |        |          |
| 32) Benzene-d6                | 5.995          | 84   | 394991     | 48.342   | ug/L   | 0.02     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.680%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.312          | 67   | 108038     | 45.337   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 90.680%  |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 354956     | 44.467   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 88.940%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 52444      | 43.732   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 87.460%  |        |          |
| 47) 2-Hexanone-d5             | 9.385          | 63   | 87536      | 87.126   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 87.130%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 144135     | 40.832   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 81.660%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 159496     | 47.877   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.760%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
| 12) 1,1-Dichloroethene        | 2.319          | 96   | 6915       | 3.813    | ug/L # | 1        |
| 29) Cyclohexane               | 5.477          | 56   | 5515       | 1.829    | ug/L # | 94       |
| 33) Benzene                   | 6.062          | 78   | 50345246m  | 6447.439 | ug/L   |          |
| 51) Chlorobenzene             | 10.092         | 112  | 26382129m  | 4353.340 | ug/L   |          |
| 64) 1,3-Dichlorobenzene       | 11.969         | 146  | 769728     | 151.093  | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 12.049         | 146  | 10518173   | 2011.215 | ug/L # | 75       |
| 67) 1,2-Dichlorobenzene       | 12.341         | 146  | 6472402    | 1309.694 | ug/L   | 93       |
| 70) 1,2,4-trichlorobenzene    | 13.585         | 180  | 218524     | 59.106   | ug/L   | 100      |
| -----                         |                |      |            |          |        |          |

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

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