

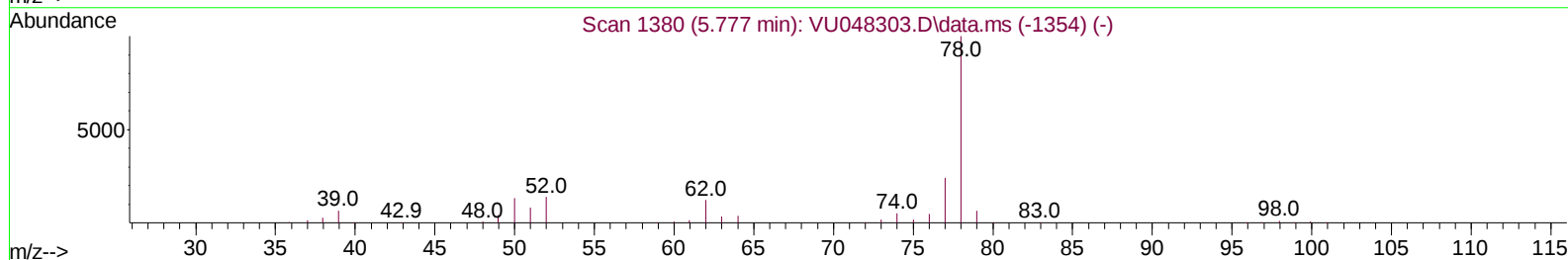
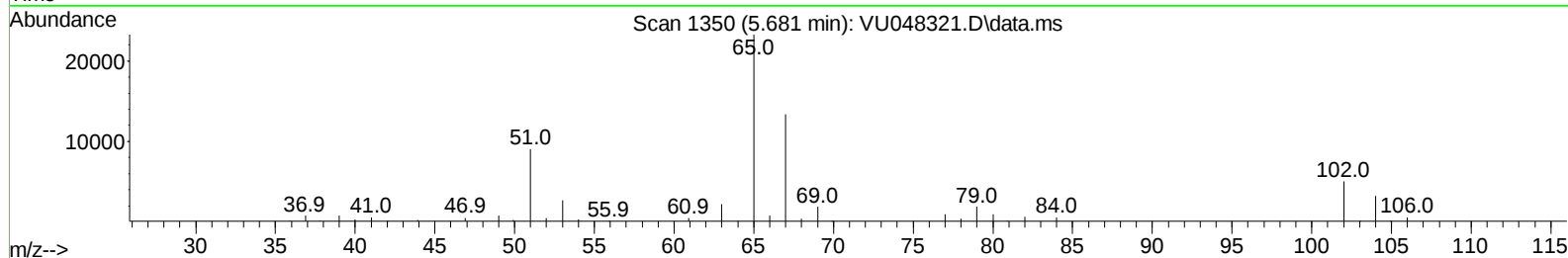
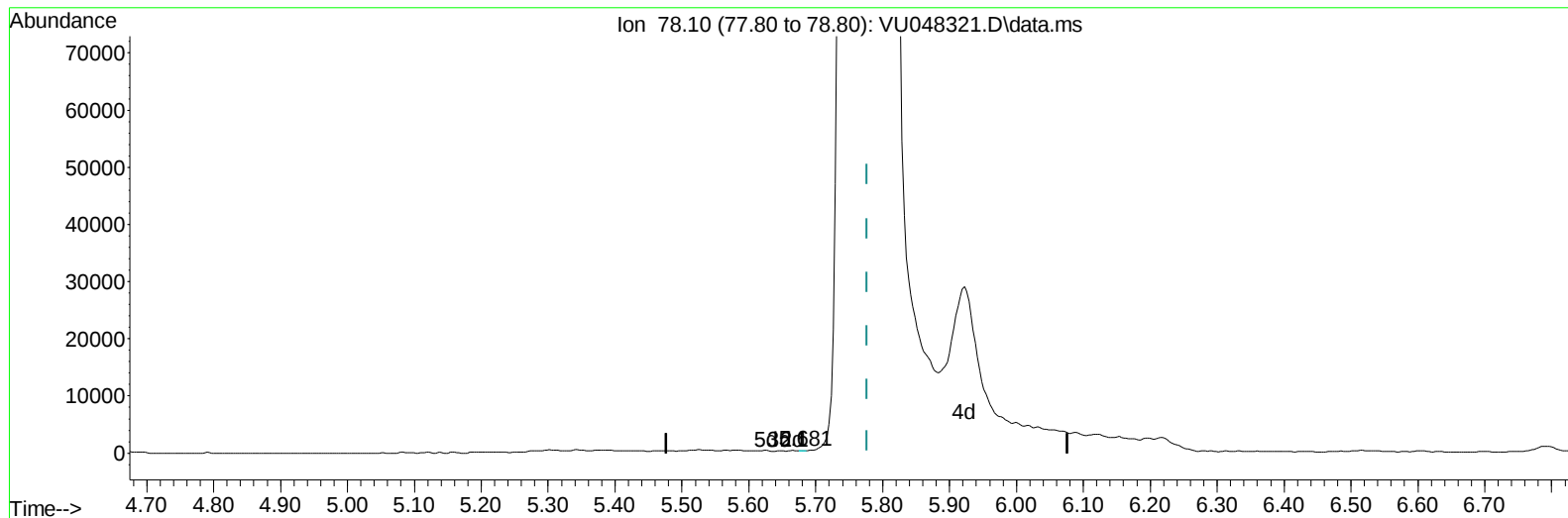
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042722\  
 Data File : VU048321.D  
 Acq On : 27 Apr 2022 17:46  
 Operator : SY/MD  
 Sample : N2587-09  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXET5

Manual IntegrationsAPPROVED

Quant Time: Apr 28 04:39:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 28 04:33:44 2022  
 Response via : Initial Calibration

Reviewed By :Krupa Patel 04/28/2022  
 Supervised By :Mahesh Dadoda 04/28/2022



TIC: VU048321.D\data.ms

**(33) Benzene (T)**

5.681min (-0.096) 0.00 ug/L

response 29

| 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   |

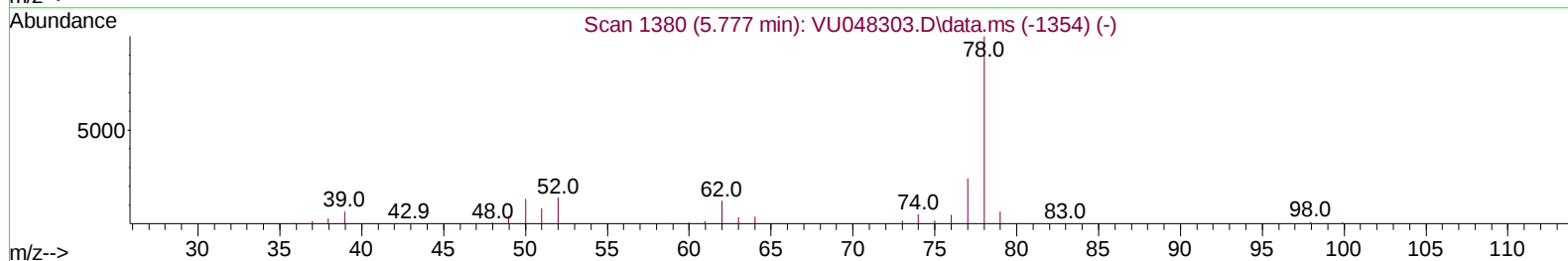
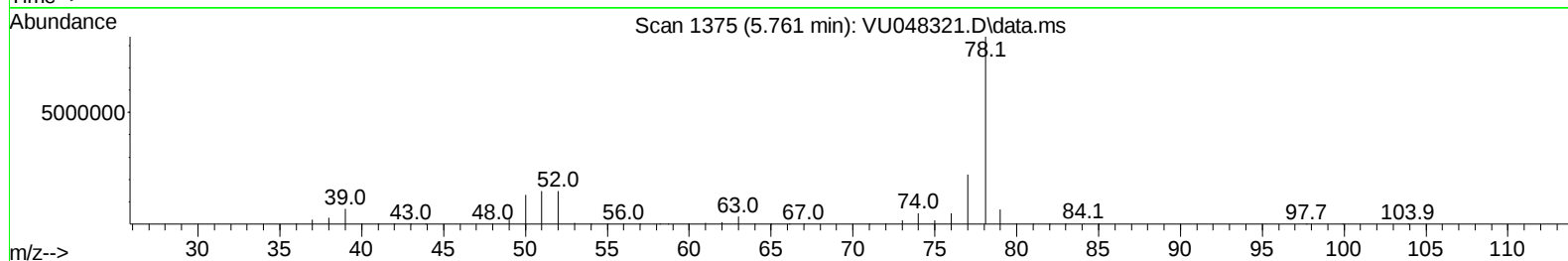
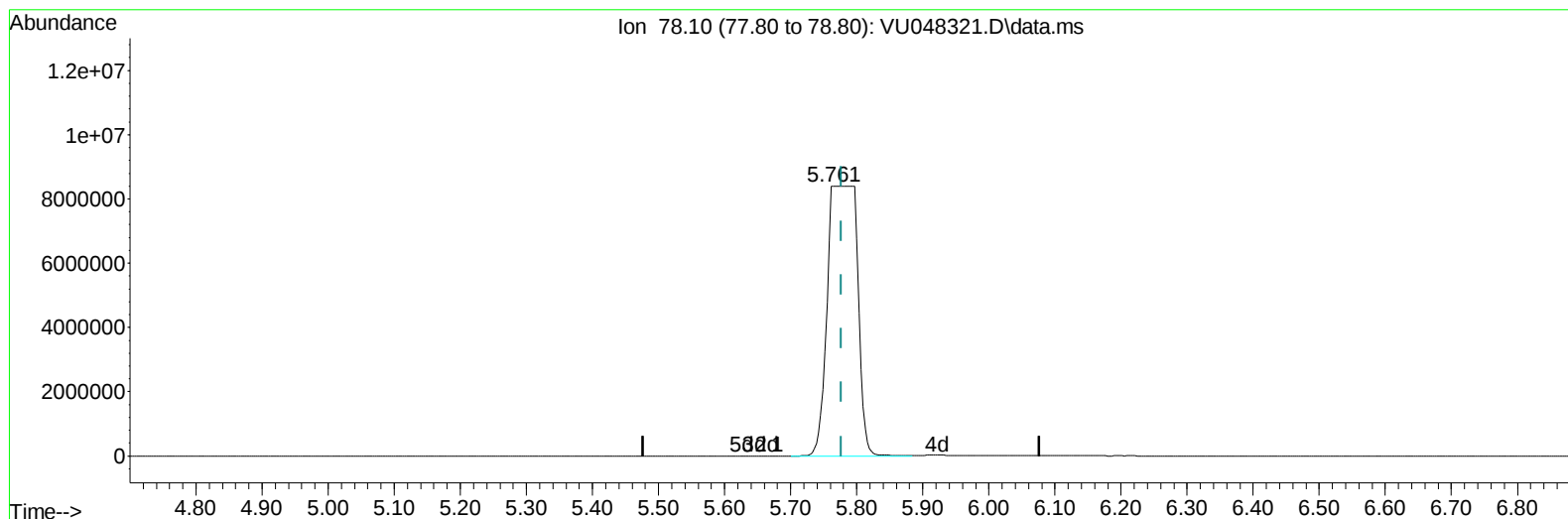
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TIC: VU048321.D\data.ms

**(33) Benzene (T)**

**5.761min (-0.016) 1917.14 ug/L m**

**response 26580587**

| 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   |

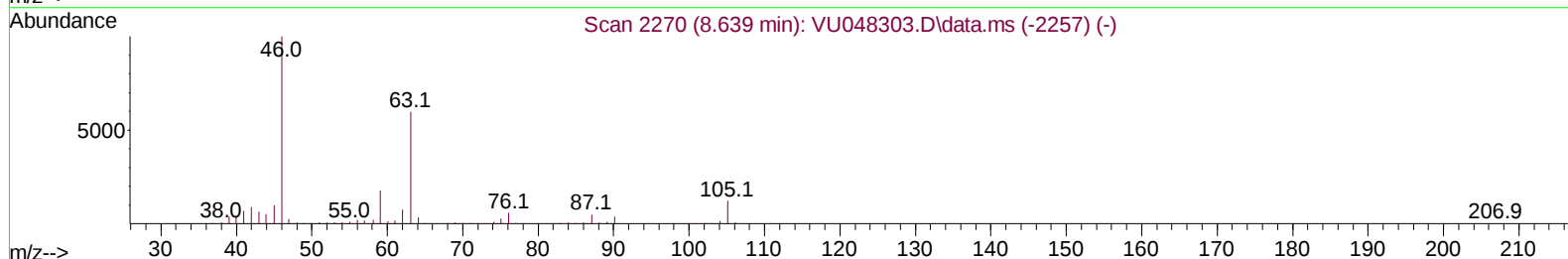
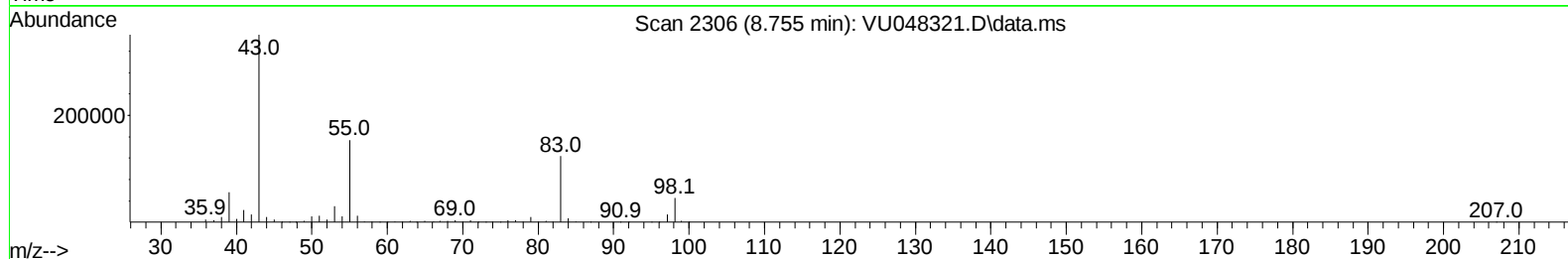
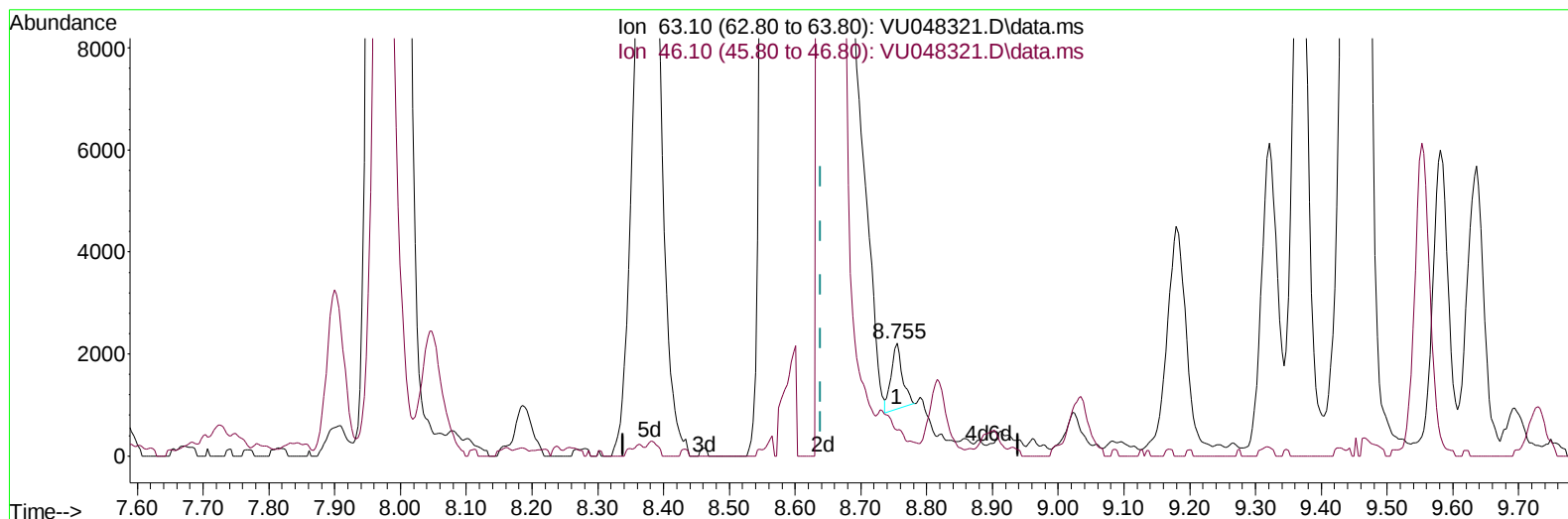
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Instrument :  
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 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: VU048321.D\data.ms

**(47) 2-Hexanone-d5 (S)**

**8.755min (+ 0.116) 0.59 ug/L**

**response 1553**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.10 | 100.00 | 100.00 |
| 46.10 | 165.40 | 150.87 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

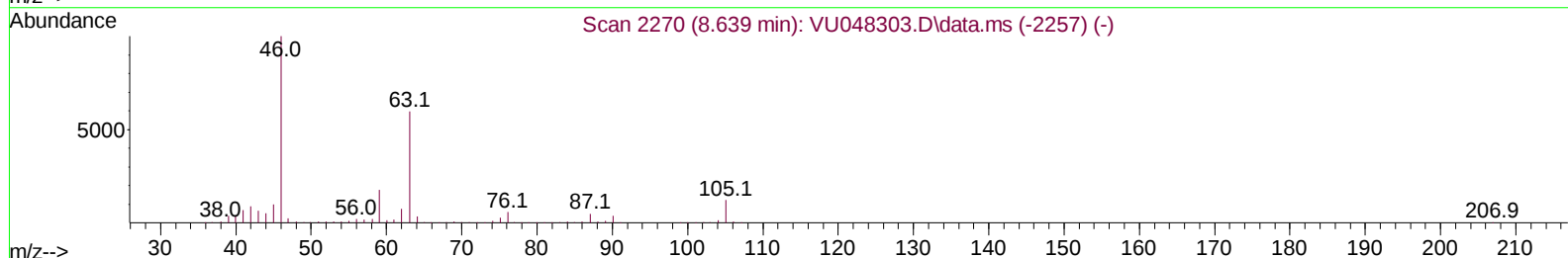
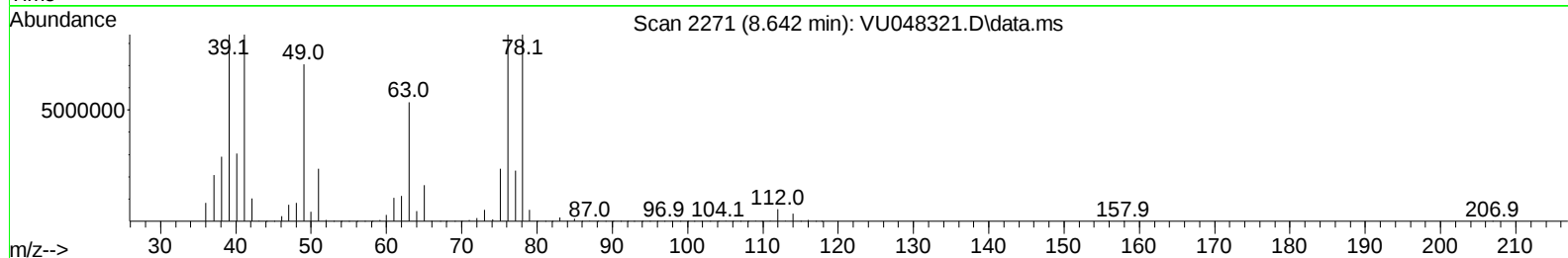
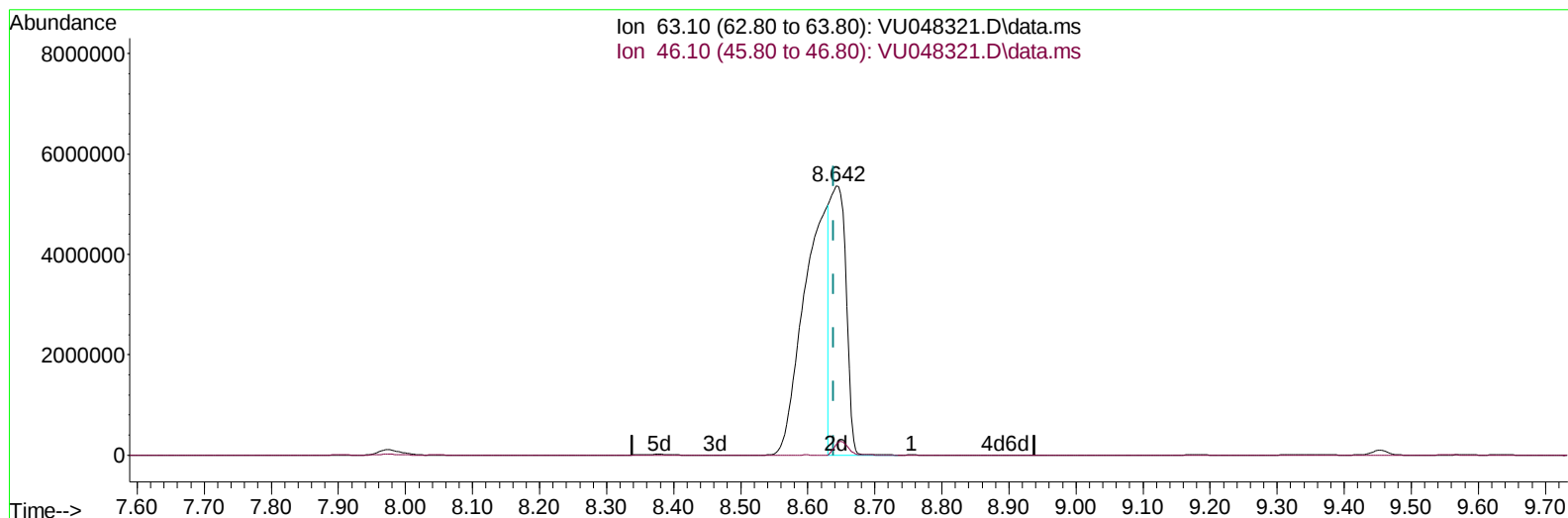
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 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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 Supervised By :Mahesh Dadoda 04/28/2022



TIC: VU048321.D\data.ms

**(47) 2-Hexanone-d5 (S)**

**8.642min (+ 0.004) 3398.45 ug/L m**

**response 8952639**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.10 | 100.00 | 100.00 |
| 46.10 | 165.40 | 0.03#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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| Compound                      | R.T.     | QIon  | Response  | Conc     | Units      | Dev(Min) |
|-------------------------------|----------|-------|-----------|----------|------------|----------|
| -----                         |          |       |           |          |            |          |
| Internal Standards            |          |       |           |          |            |          |
| 1) 1,4-Difluorobenzene        | 6.250    | 114   | 393122    | 50.000   | ug/L       | 0.00     |
| 28) Chlorobenzene-d5          | 9.424    | 117   | 468285    | 50.000   | ug/L       | # 0.00   |
| 58) 1,4-Dichlorobenzene-d4    | 11.813   | 152   | 275225    | 50.000   | ug/L       | 0.00     |
| System Monitoring Compounds   |          |       |           |          |            |          |
| 4) Vinyl Chloride-d3          | 1.598    | 65    | 158589    | 43.869   | ug/L       | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery  | =        | 87.740%    |          |
| 7) Chloroethane-d5            | 1.894    | 69    | 131064    | 51.650   | ug/L       | -0.02    |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery  | =        | 103.300%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.562    | 63    | 200246    | 34.571   | ug/L       | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery  | =        | 69.140%    |          |
| 21) 2-Butanone-d5             | 4.623    | 46    | 362664    | 117.622  | ug/L       | 0.00     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery  | =        | 117.620%   |          |
| 24) Chloroform-d              | 5.061    | 84    | 286892    | 43.753   | ug/L       | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery  | =        | 87.500%    |          |
| 26) 1,2-Dichloroethane-d4     | 5.704    | 65    | 181669    | 46.695   | ug/L       | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery  | =        | 93.400%    |          |
| 32) Benzene-d6                | 5.729    | 84    | 626645    | 42.430   | ug/L       | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery  | =        | 84.860%    |          |
| 36) 1,2-Dichloropropane-d6    | 6.694    | 67    | 200153    | 40.992   | ug/L       | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery  | =        | 81.980%    |          |
| 41) Toluene-d8                | 7.900    | 98    | 617122    | 46.098   | ug/L       | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery  | =        | 92.200%    |          |
| 43) trans-1,3-Dichloroprop... | 8.189    | 79    | 105236    | 48.844   | ug/L       | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery  | =        | 97.680%    |          |
| 47) 2-Hexanone-d5             | 8.642    | 63    | 8952639m  | 3398.451 | ug/L       | 0.00     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery  | =        | 3398.450%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761   | 84    | 381487    | 44.549   | ug/L       | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery  | =        | 89.100%    |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195   | 152   | 300532    | 48.541   | ug/L       | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery  | =        | 97.080%    |          |
| Target Compounds              |          |       |           |          |            |          |
|                               |          |       |           |          | Qvalue     |          |
| 5) Vinyl chloride             | 1.604    | 62    | 49907     | 14.566   | ug/L #     | 1        |
| 13) Acetone                   | 2.623    | 43    | 941177    | 475.483  | ug/L       | 100      |
| 14) Carbon disulfide          | 2.787    | 76    | 4632      | 0.735    | ug/L       | 99       |
| 15) Methyl Acetate            | 2.955    | 43    | 8144      | 2.073    | ug/L       | 90       |
| 16) Methylene chloride        | 3.045    | 84    | 224017    | 67.218   | ug/L       | 95       |
| 19) 1,1-Dichloroethane        | 3.868    | 63    | 211436    | 37.652   | ug/L       | 99       |
| 20) cis-1,2-Dichloroethene    | 4.665    | 96    | 23550     | 7.275    | ug/L #     | 99       |
| 22) 2-Butanone                | 4.707    | 43    | 102321    | 34.957   | ug/L       | 96       |
| 29) Cyclohexane               | 5.385    | 56    | 22847     | 5.164    | ug/L #     | 97       |
| 33) Benzene                   | 5.761    | 78    | 26580587m | 1917.144 | ug/L       |          |
| 34) Trichloroethene           | 6.543    | 95    | 61796     | 18.184   | ug/L       | 98       |
| 37) 1,2-Dichloropropane       | 6.794    | 63    | 17319     | 4.390    | ug/L       | 98       |
| 40) 4-Methyl-2-pentanone      | 7.806    | 43    | 108132    | 18.174   | ug/L       | 98       |
| 42) Toluene                   | 7.974    | 91    | 2471955   | 169.819  | ug/L       | 100      |
| 48) 2-Hexanone                | 8.694    | 43    | 317857    | 63.976   | ug/L       | 94       |
| 51) Chlorobenzene             | 9.453    | 112   | 11713360  | 1116.367 | ug/L       | 97       |
| 52) Ethylbenzene              | 9.575    | 91    | 13469     | 0.893    | ug/L       | 95       |
| 53) m,p-Xylene                | 9.697    | 106   | 13027     | 2.190    | ug/L       | 98       |

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Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXET5

## Manual IntegrationsAPPROVED

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 Supervised By :Mahesh Dadoda 04/28/2022

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| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| 54) o-Xylene               | 10.105 | 106  | 13038    | 2.176  | ug/L  | 85       |
| 63) 1,2,4-Trimethylbenzene | 11.472 | 105  | 13015    | 1.044  | ug/L  | 94       |
| 65) 1,4-Dichlorobenzene    | 11.838 | 146  | 18206    | 2.067  | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene    | 12.215 | 146  | 169836   | 18.687 | ug/L  | 99       |

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

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