

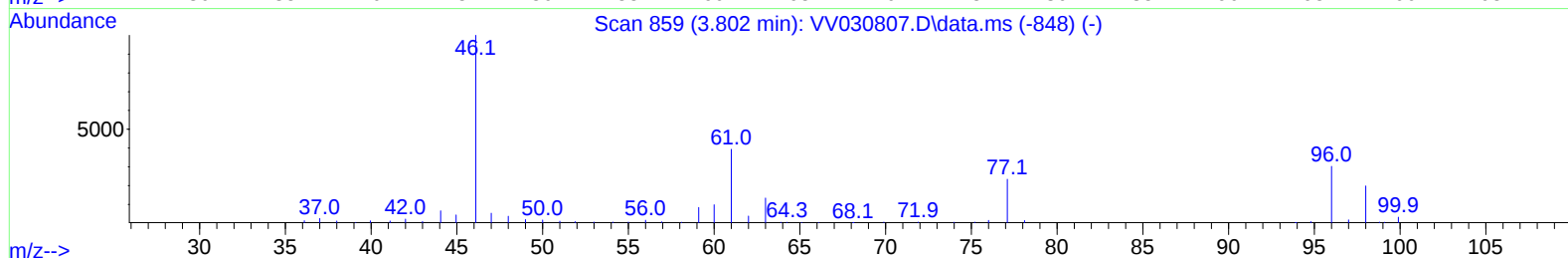
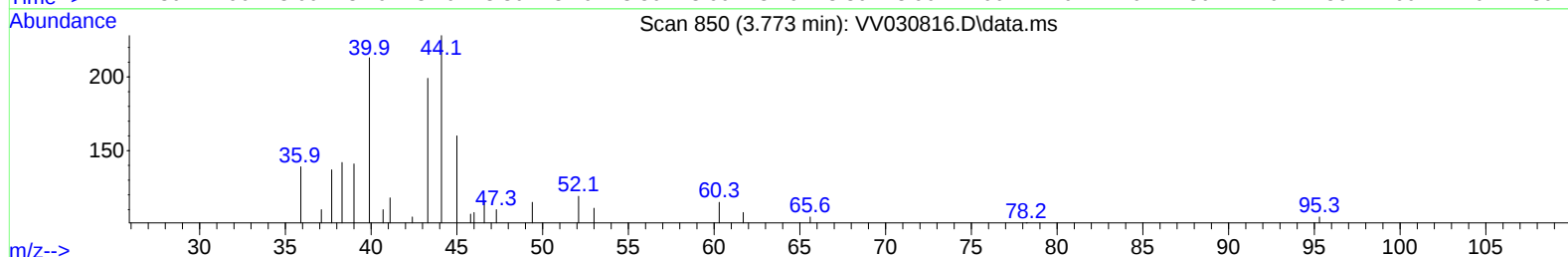
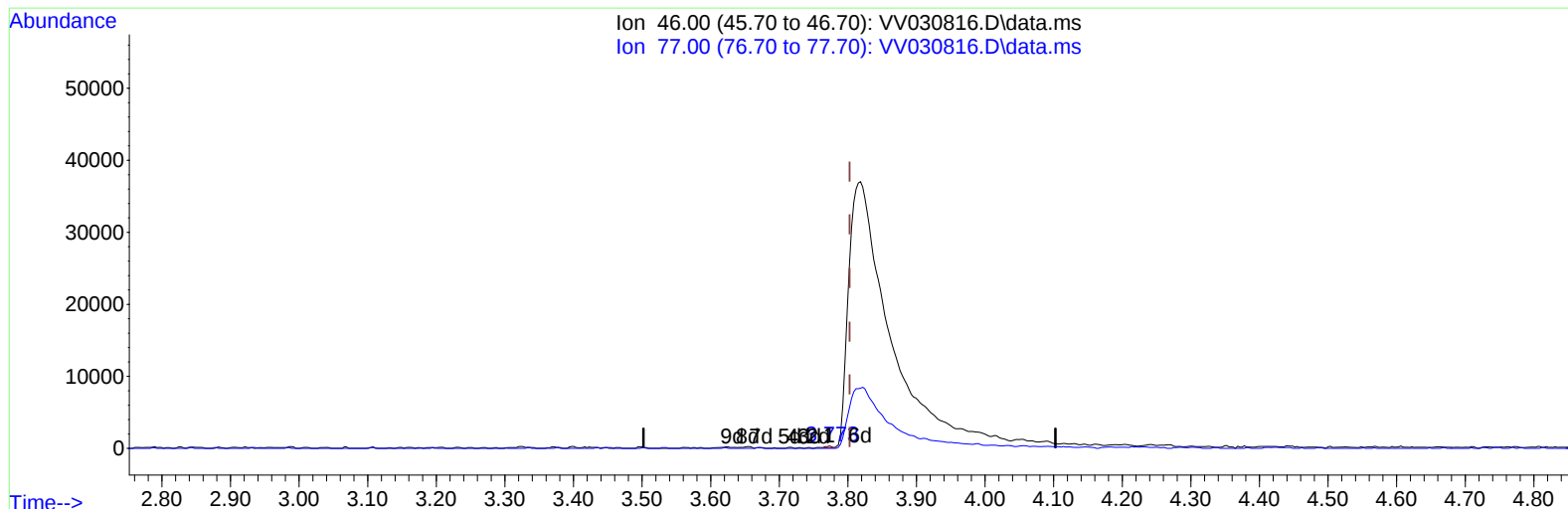
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042423\  
Data File : VV030816.D  
Acq On : 25 Apr 2023 01:07  
Operator : SY/MD  
Sample : 02417-03ME  
Misc : 5.44g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EW8W9ME

## Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 04/26/2023  
Supervised By :Mahesh Dadoda 04/26/2023

Quant Time: Apr 25 05:31:43 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Apr 22 00:43:23 2023  
Response via : Initial Calibration



TIC: VV030816.D\data.ms

## (21) 2-Butanone-d5 (S)

3.773min (-0.029) 0.12 ug/L

| response | 113    |        |
|----------|--------|--------|
| Ion      | Exp%   | Act%   |
| 46.00    | 100.00 | 100.00 |
| 77.00    | 23.30  | 0.00#  |
| 0.00     | 0.00   | 0.00   |
| 0.00     | 0.00   | 0.00   |

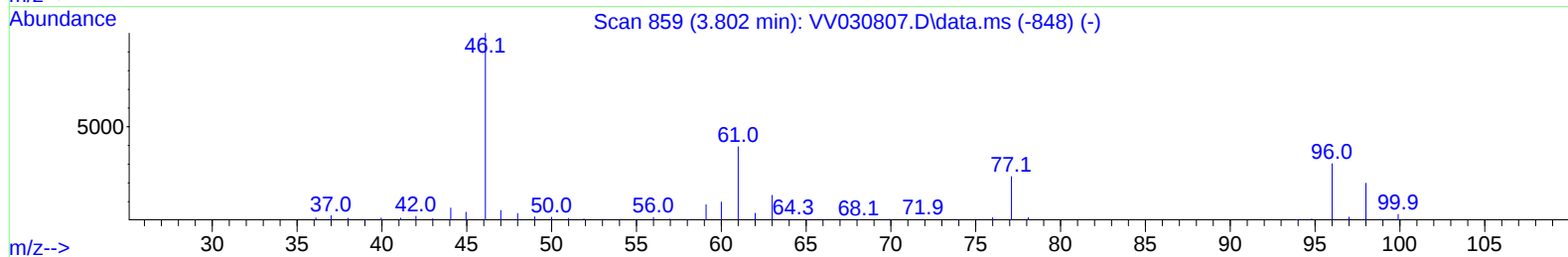
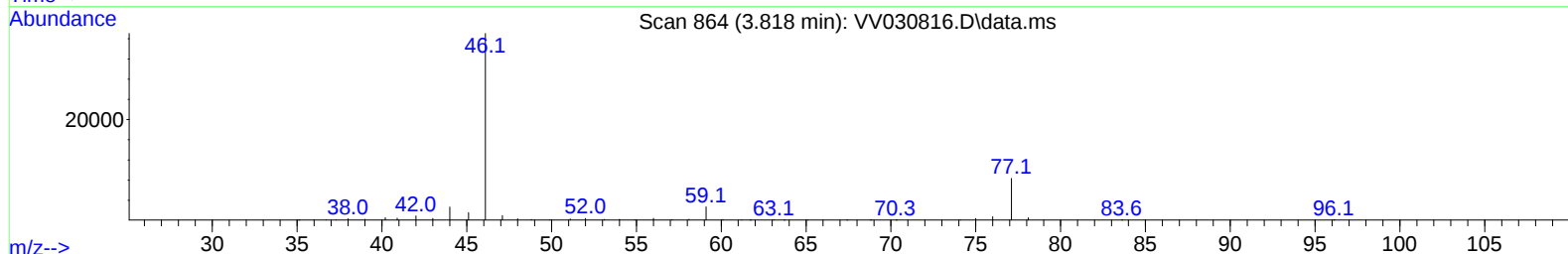
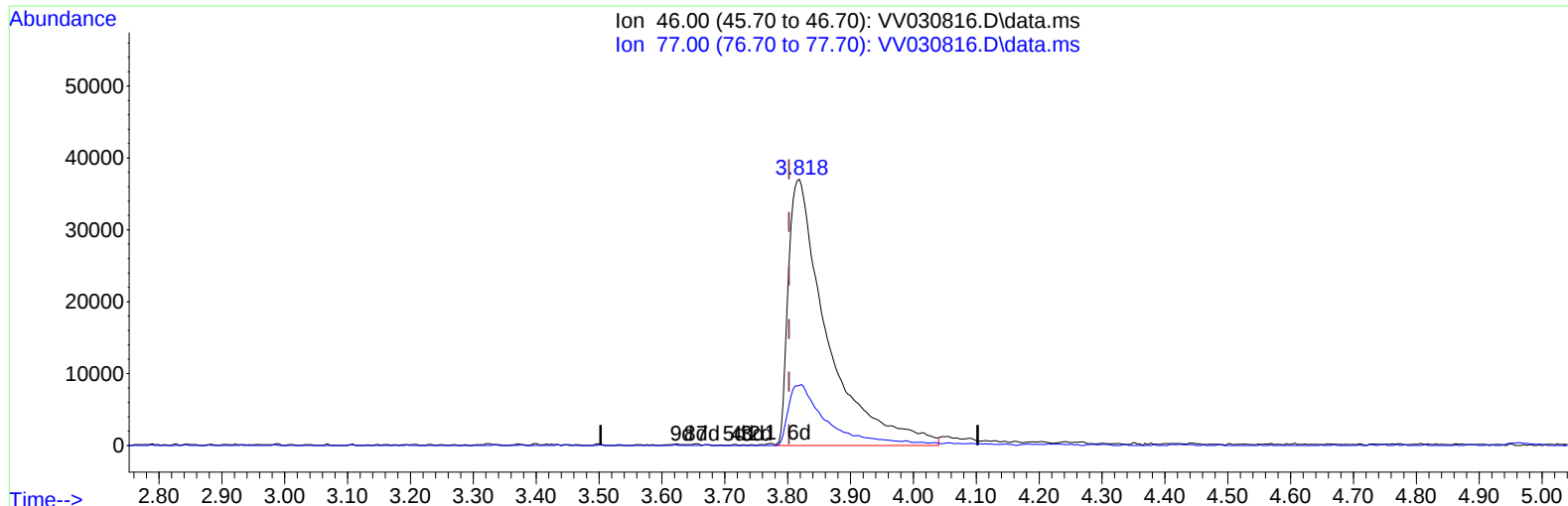
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Quant Title : VOC Analysis  
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TIC: VV030816.D\data.ms

## (21) 2-Butanone-d5 (S)

3.818min (+ 0.016) 162.75 ug/L m

response 159431

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 23.30  | 0.00#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

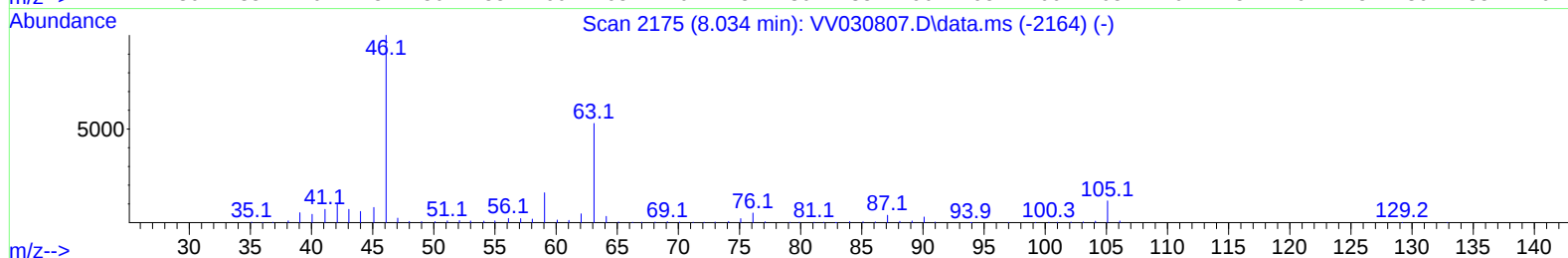
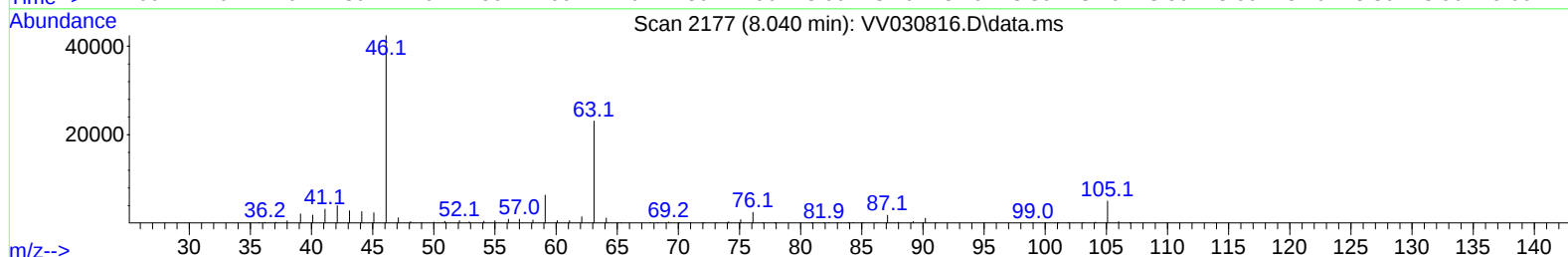
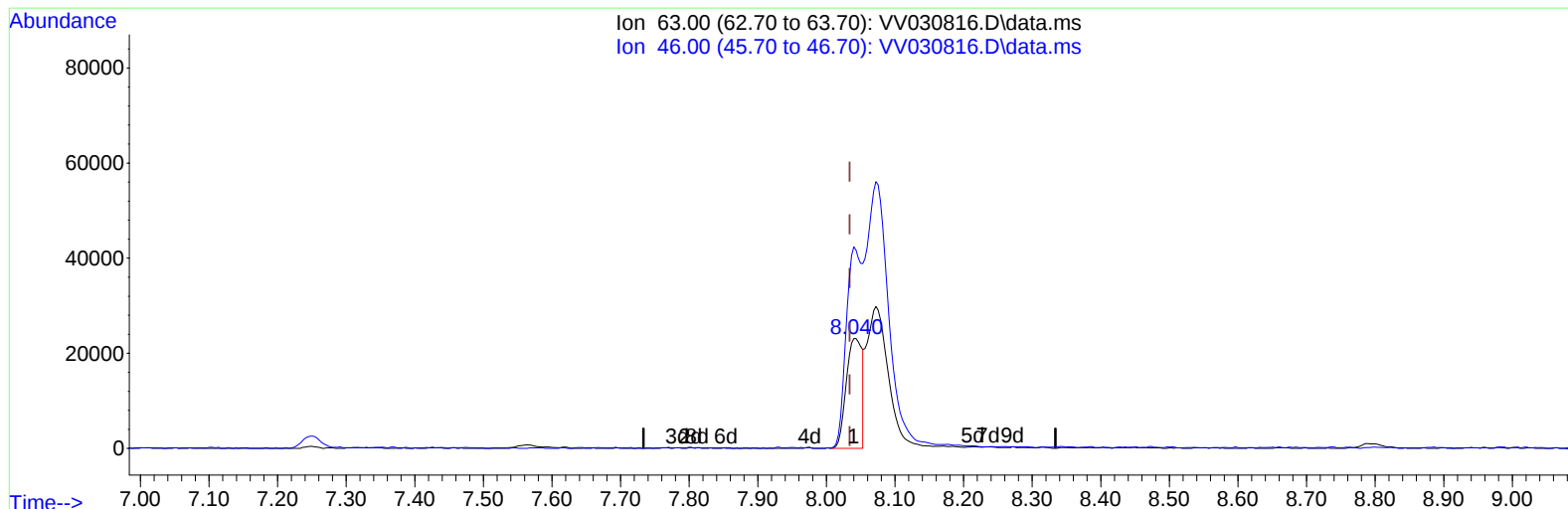
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042423\  
 Data File : VV030816.D  
 Acq On : 25 Apr 2023 01:07  
 Operator : SY/MD  
 Sample : 02417-03ME  
 Misc : 5.44g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW8W9ME

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 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 22 00:43:23 2023  
 Response via : Initial Calibration



TIC: VV030816.D\data.ms

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

8.040min (+ 0.006) 53.97 ug/L

response 37240

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 190.80 | 182.50 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

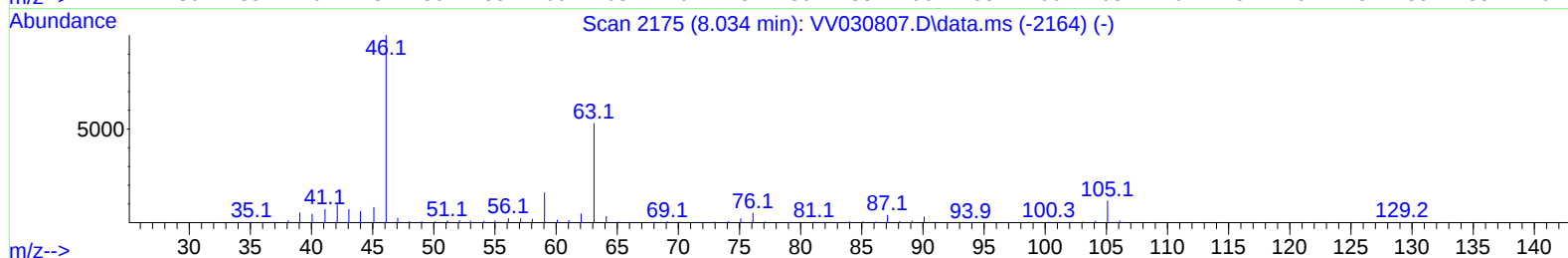
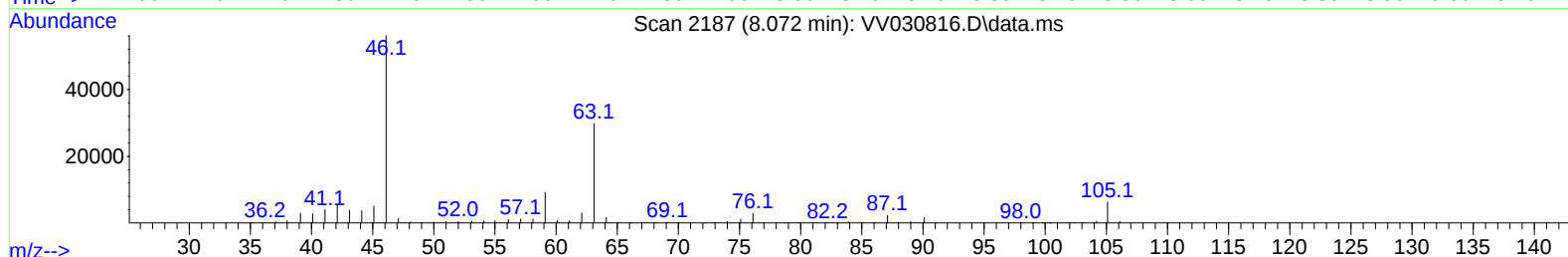
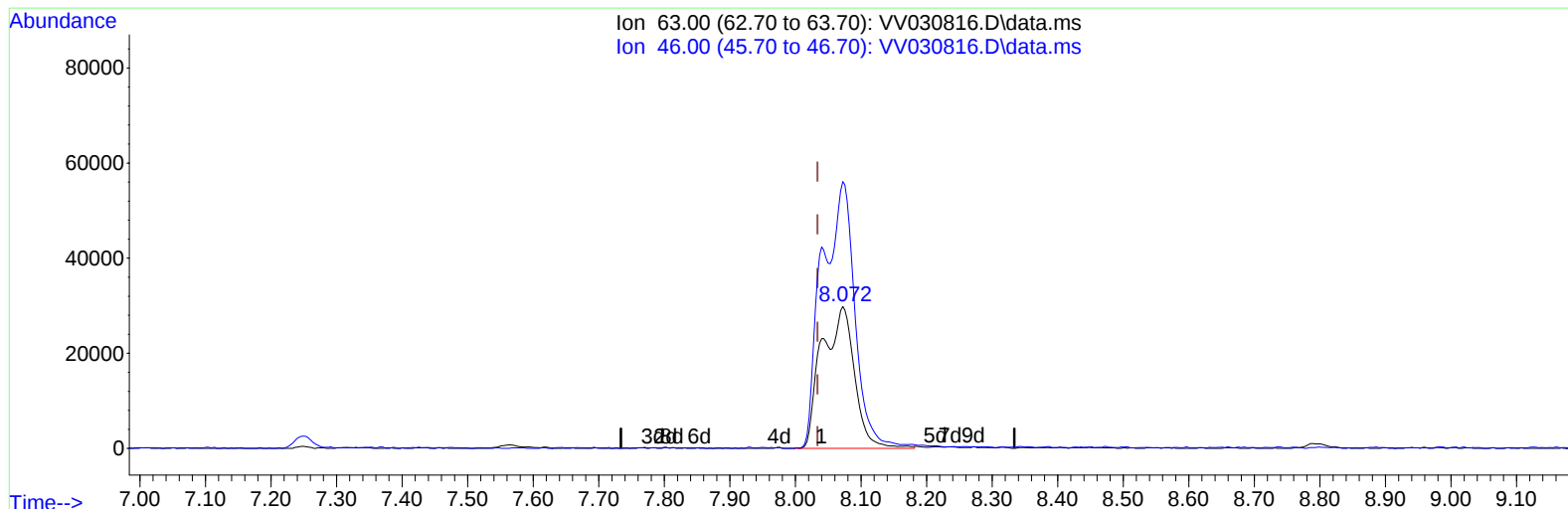
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042423\  
 Data File : VV030816.D  
 Acq On : 25 Apr 2023 01:07  
 Operator : SY/MD  
 Sample : 02417-03ME  
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 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW8W9ME

Manual IntegrationsAPPROVED

Quant Time: Apr 25 05:31:43 2023  
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 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 22 00:43:23 2023  
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TIC: VV030816.D\data.ms

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

**8.072min (+ 0.038) 149.38 ug/L m**

**response 103075**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 190.80 | 65.93# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042423\  
 Data File : VW030816.D  
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 Sample : 02417-03ME  
 Misc : 5.44g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW8W9ME

## Manual IntegrationsAPPROVED

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 Quant Title : VOC Analysis  
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| Compound                      | R.T.           | QIon | Response             | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|----------------------|---------|-------|----------|
| -----                         |                |      |                      |         |       |          |
| Internal Standards            |                |      |                      |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.542          | 114  | 243284               | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.792          | 117  | 238505               | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.197         | 152  | 125421               | 50.000  | ug/L  | 0.00     |
|                               |                |      |                      |         |       |          |
| System Monitoring Compounds   |                |      |                      |         |       |          |
| 4) Vinyl Chloride-d3          | 1.281          | 65   | 120414               | 67.517  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 135.040%# |         |       |          |
| 7) Chloroethane-d5            | 1.535          | 69   | 124270               | 83.150  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 166.300%# |         |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 62295                | 73.654  | ug/L  | -0.01    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 147.300%# |         |       |          |
| 21) 2-Butanone-d5             | 3.818          | 46   | 159431m              | 162.754 | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 162.750%# |         |       |          |
| 24) Chloroform-d              | 4.256          | 84   | 254869               | 78.857  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 157.720%# |         |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.950          | 65   | 180805               | 87.011  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 174.020%# |         |       |          |
| 32) Benzene-d6                | 4.966          | 84   | 485477               | 86.094  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 172.180%# |         |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.995          | 67   | 143281               | 81.800  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 163.600%# |         |       |          |
| 41) Toluene-d8                | 7.249          | 98   | 445821               | 84.206  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 168.420%# |         |       |          |
| 43) trans-1,3-Dichloroprop... | 7.561          | 79   | 77440                | 87.717  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 175.440%# |         |       |          |
| 47) 2-Hexanone-d5             | 8.072          | 63   | 103075m              | 149.379 | ug/L  | 0.04     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 149.380%# |         |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.169         | 84   | 192498               | 75.737  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 151.480%# |         |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.574         | 152  | 186067               | 93.336  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 186.680%# |         |       |          |
|                               |                |      |                      |         |       |          |
| Target Compounds              |                |      |                      |         |       |          |
| 3) Chloromethane              | 1.220          | 50   | 39187                | 14.282  | ug/L  | 98       |
| 6) Bromomethane               | 1.494          | 94   | 8661                 | 9.874   | ug/L  | 95       |
| -----                         |                |      |                      |         |       |          |

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

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