

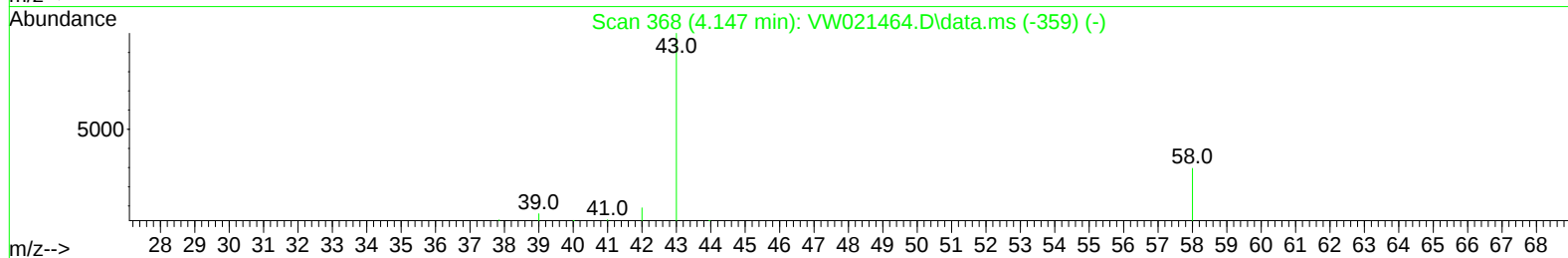
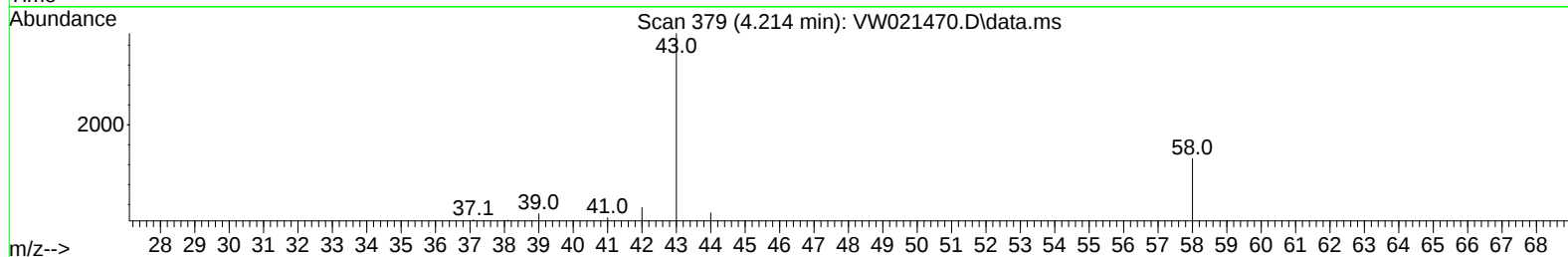
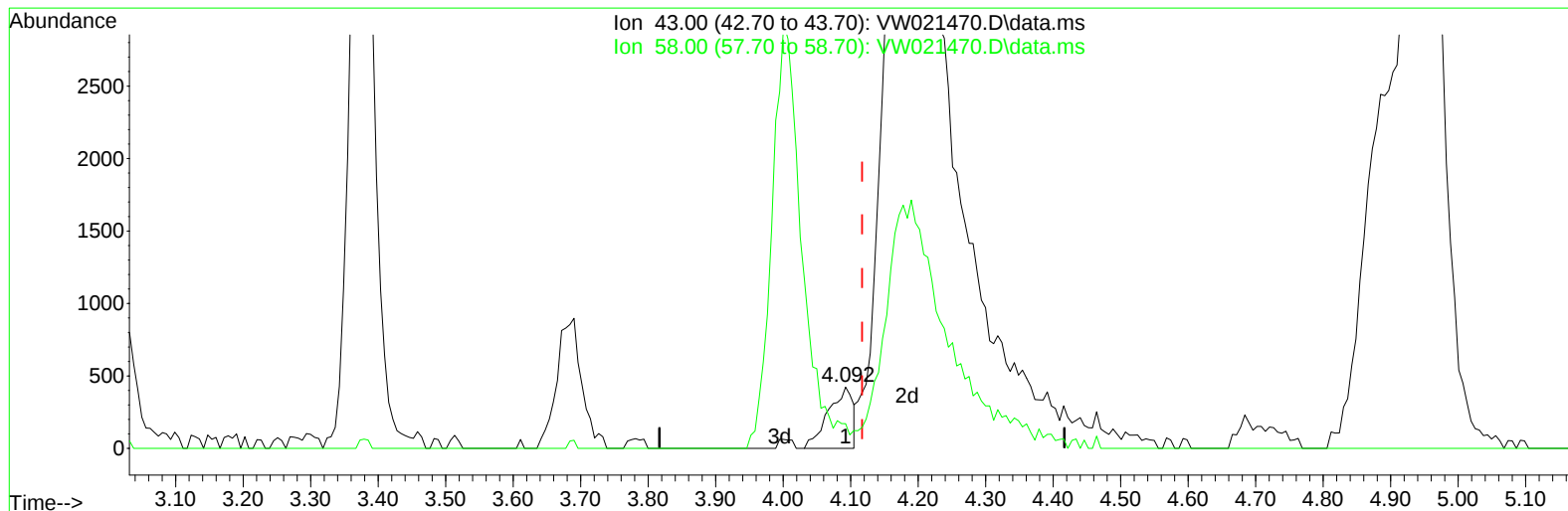
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121821\  
Data File : VW021470.D  
Acq On : 18 Dec 2021 12:41  
Operator : SY/VA  
Sample : M5154-10  
Misc : 6.48g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BGL90

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2021  
Supervised By :Mahesh Dadoda 12/24/2021

Quant Time: Dec 18 23:11:25 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Dec 18 00:55:20 2021  
Response via : Initial Calibration



TIC: VW021470.D\data.ms

## (13) Acetone (T)

4.092min (-0.024) 2.68 ug/L

| response | 1065   |        |
|----------|--------|--------|
| Ion      | Exp%   | Act%   |
| 43.00    | 100.00 | 100.00 |
| 58.00    | 26.40  | 8.64   |
| 0.00     | 0.00   | 0.00   |
| 0.00     | 0.00   | 0.00   |

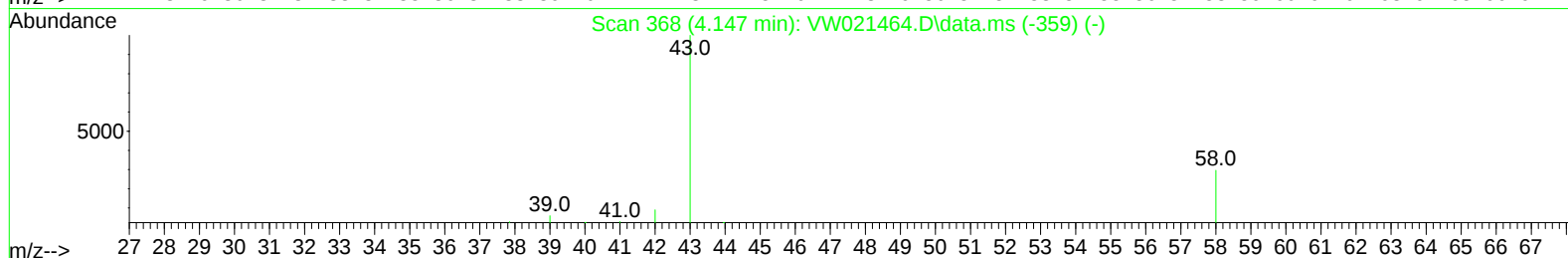
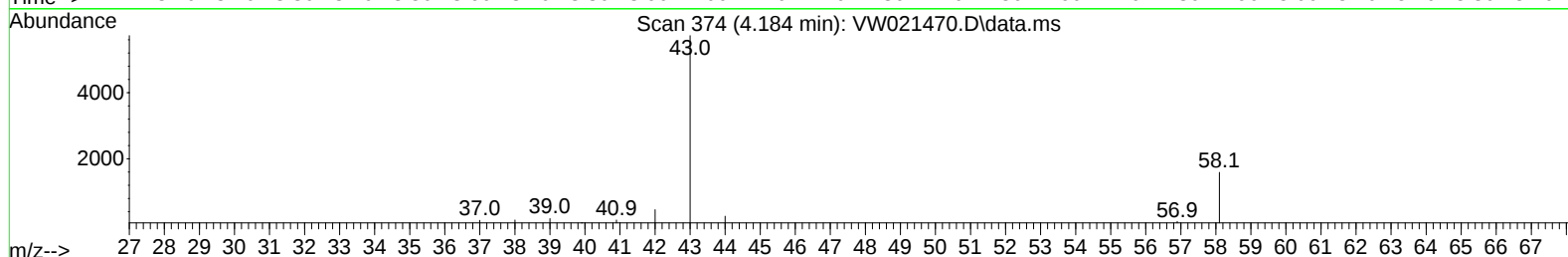
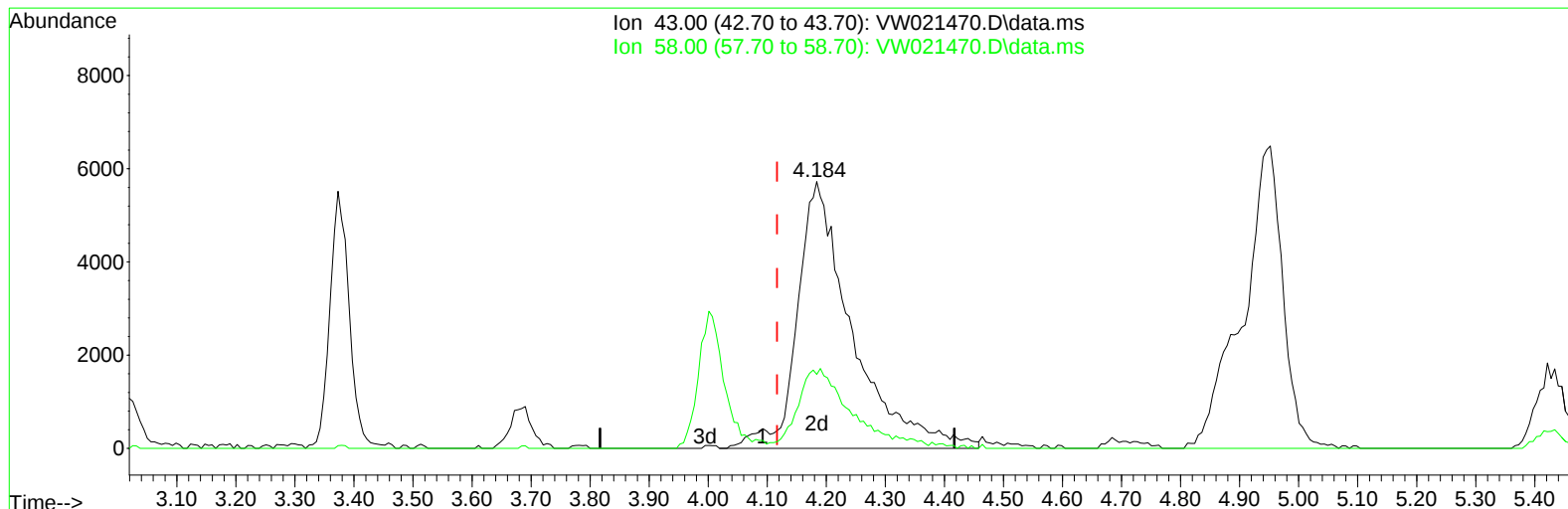
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TIC: VW021470.D\data.ms

## (13) Acetone (T)

4.184min (+ 0.067) 92.55 ug/L m

response 36814

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 26.40  | 0.25   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

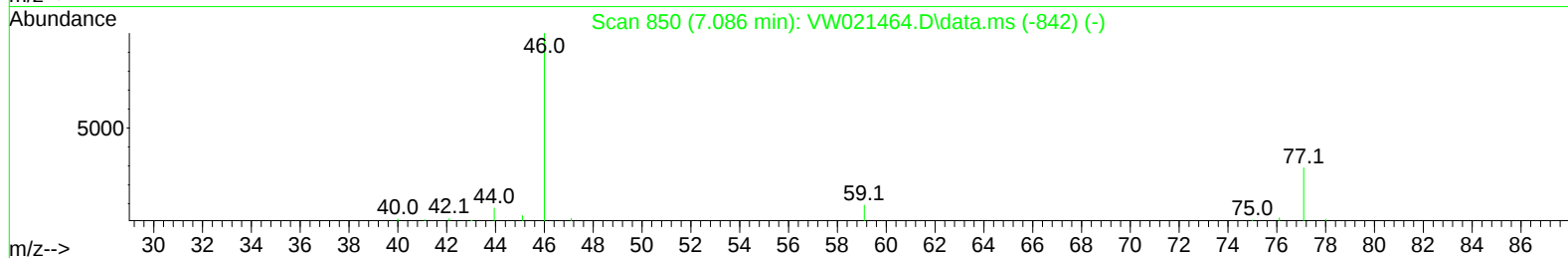
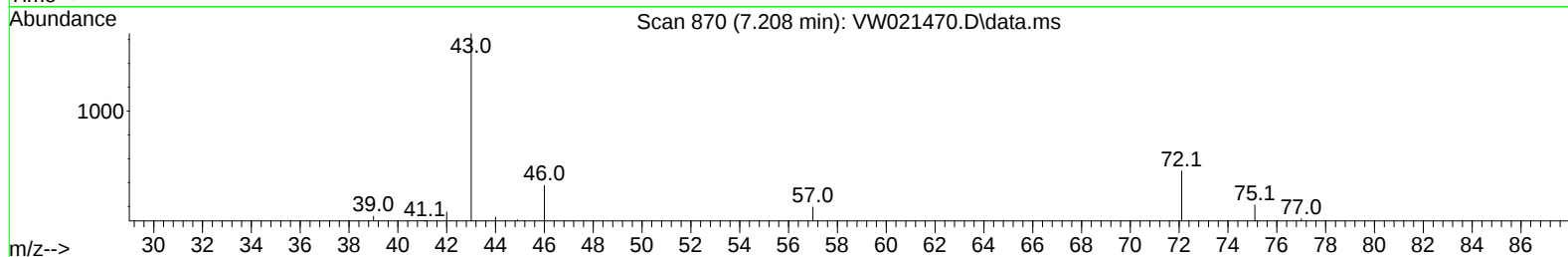
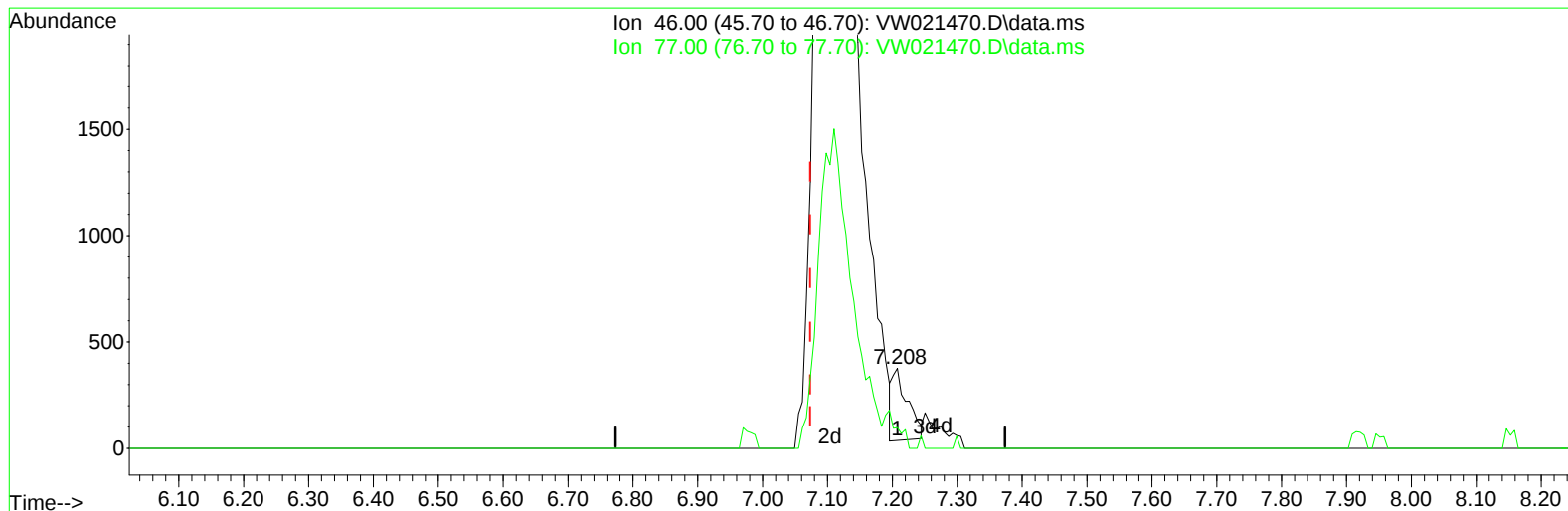
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Data File : VW021470.D  
Acq On : 18 Dec 2021 12:41  
Operator : SY/VA  
Sample : M5154-10  
Misc : 6.48g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
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TIC: VW021470.D\data.ms

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

7.208min (+ 0.134) 1.26 ug/L

response 557

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 20.20  | 18.67  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

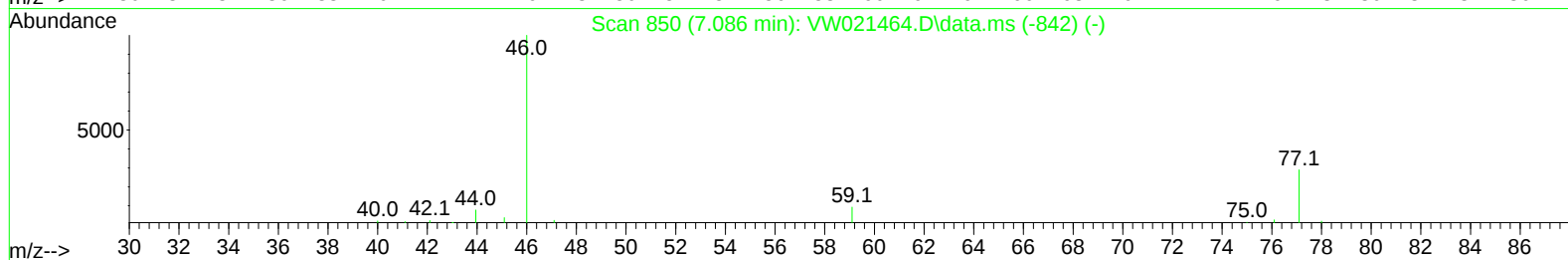
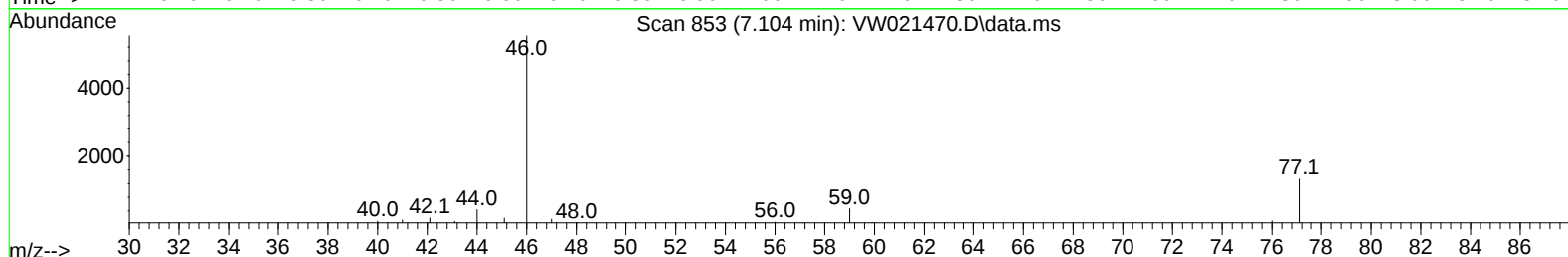
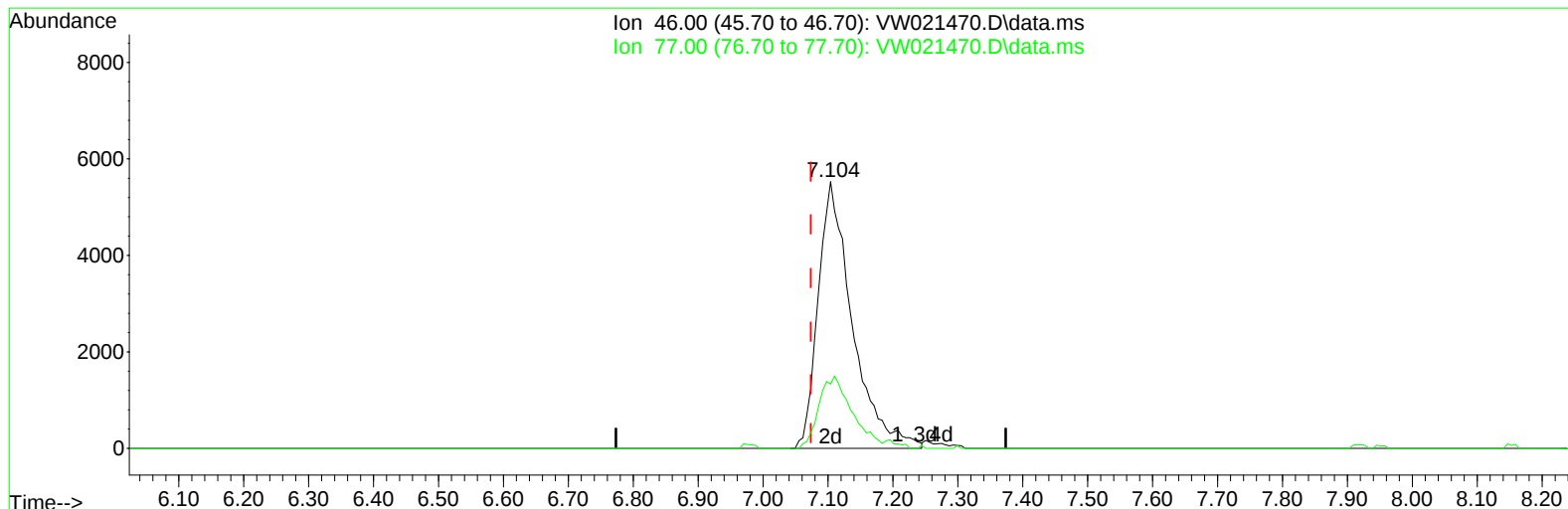
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Data File : VW021470.D  
Acq On : 18 Dec 2021 12:41  
Operator : SY/VA  
Sample : M5154-10  
Misc : 6.48g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
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Quant Title : SFAM01.0  
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TIC: VW021470.D\data.ms

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

7.104min (+ 0.030) 45.48 ug/L m

response 20178

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 20.20  | 0.52#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121821\  
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 Acq On : 18 Dec 2021 12:41  
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 Sample : M5154-10  
 Misc : 6.48g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Dec 18 23:11:25 2021  
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 Quant Title : SFAM01.0  
 QLast Update : Sat Dec 18 00:55:20 2021  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 12/19/2021  
 Supervised By :Mahesh Dadoda 12/24/2021

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 172827   | 25.000   | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 165491   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 87682    | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 48063    | 15.270   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 61.080%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 28608    | 13.748   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 55.000%  |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63    | 63565    | 15.148   | ug/L  | -0.01    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 60.600%  |
| 21) 2-Butanone-d5             | 7.104  | 46    | 20178m   | 45.478   | ug/L  | 0.03     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 90.960%  |
| 24) Chloroform-d              | 7.647  | 84    | 91202    | 18.936   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 75.760%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 51199    | 19.985   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 79.920%  |
| 32) Benzene-d6                | 8.275  | 84    | 182804   | 20.152   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 80.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 52341    | 21.515   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 86.040%  |
| 41) Toluene-d8                | 10.323 | 98    | 183225   | 19.769   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 79.080%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 21734    | 19.403   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 77.600%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 18679    | 51.924   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 103.840% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 43315    | 20.712   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 82.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 59345    | 17.464   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 69.840%# |
| Target Compounds              |        |       |          |          |       |          |
|                               |        |       |          |          |       | Qvalue   |
| 13) Acetone                   | 4.184  | 43    | 36814m   | 92.554   | ug/L  |          |
| 14) Carbon disulfide          | 4.373  | 76    | 6388     | 1.155    | ug/L  | # 94     |
| 22) 2-Butanone                | 7.195  | 43    | 6265     | 12.061   | ug/L  | 91       |
| 29) Cyclohexane               | 7.921  | 56    | 20071    | 6.093    | ug/L  | # 60     |
| 33) Benzene                   | 8.323  | 78    | 15180    | 1.684    | ug/L  | 100      |
| 35) Methylcyclohexane         | 9.329  | 83    | 40888    | 9.795    | ug/L  | # 78     |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43    | 12440    | 11.354   | ug/L  | # 90     |
| 42) Toluene                   | 10.384 | 91    | 182870   | 17.344   | ug/L  | 98       |
| 51) Chlorobenzene             | 11.658 | 112   | 17913    | 2.538    | ug/L  | 91       |
| 52) Ethylbenzene              | 11.731 | 91    | 2887006  | 239.610  | ug/L  | 94       |
| 53) m,p-Xylene                | 11.835 | 106   | 691159   | 142.197  | ug/L  | 84       |
| 54) o-Xylene                  | 12.164 | 106   | 512754   | 111.157  | ug/L  | 94       |
| 60) Isopropylbenzene          | 12.463 | 105   | 709622   | 59.561   | ug/L  | 95       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105   | 319759   | 31.539   | ug/L  | 96       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105   | 2742189  | 274.185  | ug/L  | 95       |
| 64) 1,3-Dichlorobenzene       | 13.493 | 146   | 11290    | 2.009    | ug/L  | # 64     |
| 65) 1,4-Dichlorobenzene       | 13.578 | 146   | 21369    | 3.827    | ug/L  | # 72     |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146   | 34801    | 7.034    | ug/L  | # 83     |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180   | 24429    | 7.231    | ug/L  | # 59     |

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

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

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