

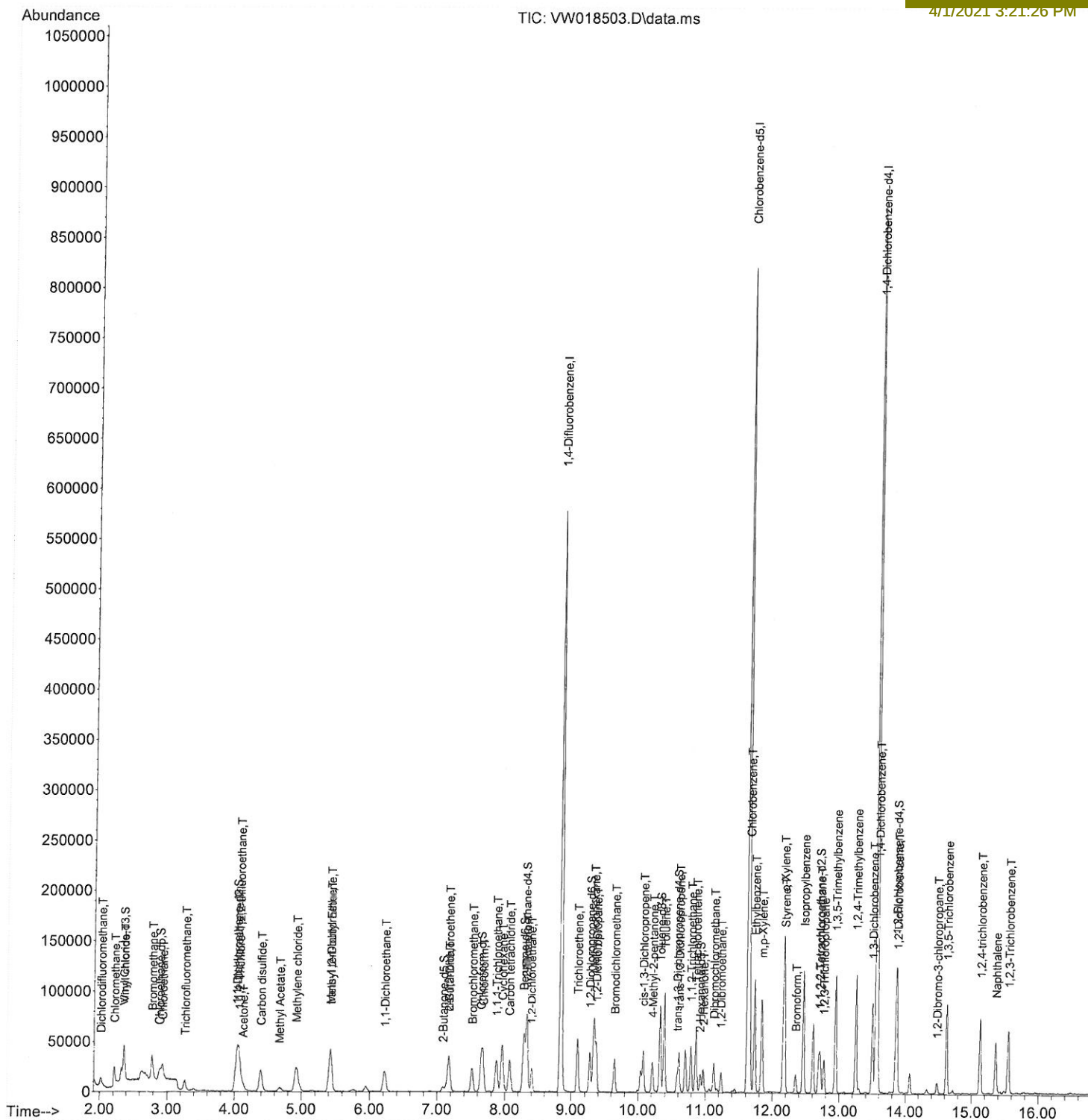
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW033121\  
Data File : VW018503.D  
Acq On : 31 Mar 2021 10:17  
Operator : SY/VA  
Sample : VSTD2.506  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
VSTD2.5106

Quant Time: Mar 31 12:02:13 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM033121SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Mar 31 12:01:42 2021  
Response via : Initial Calibration

## Manual Integrations

MM Dadoda



# Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW033121\  
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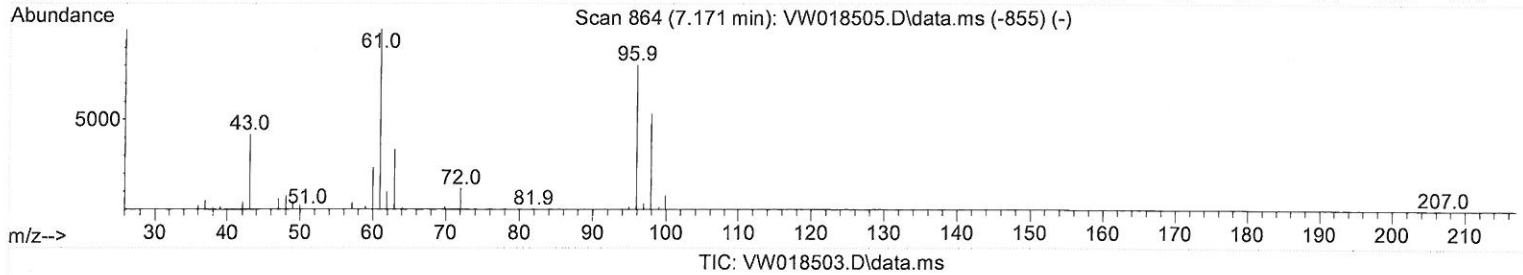
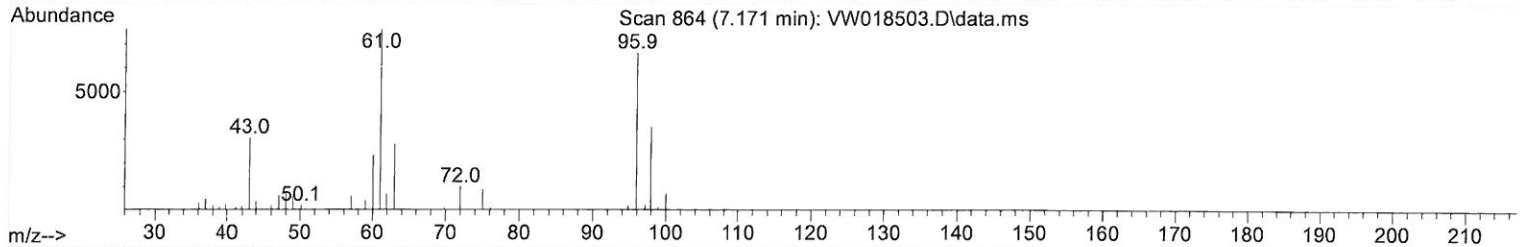
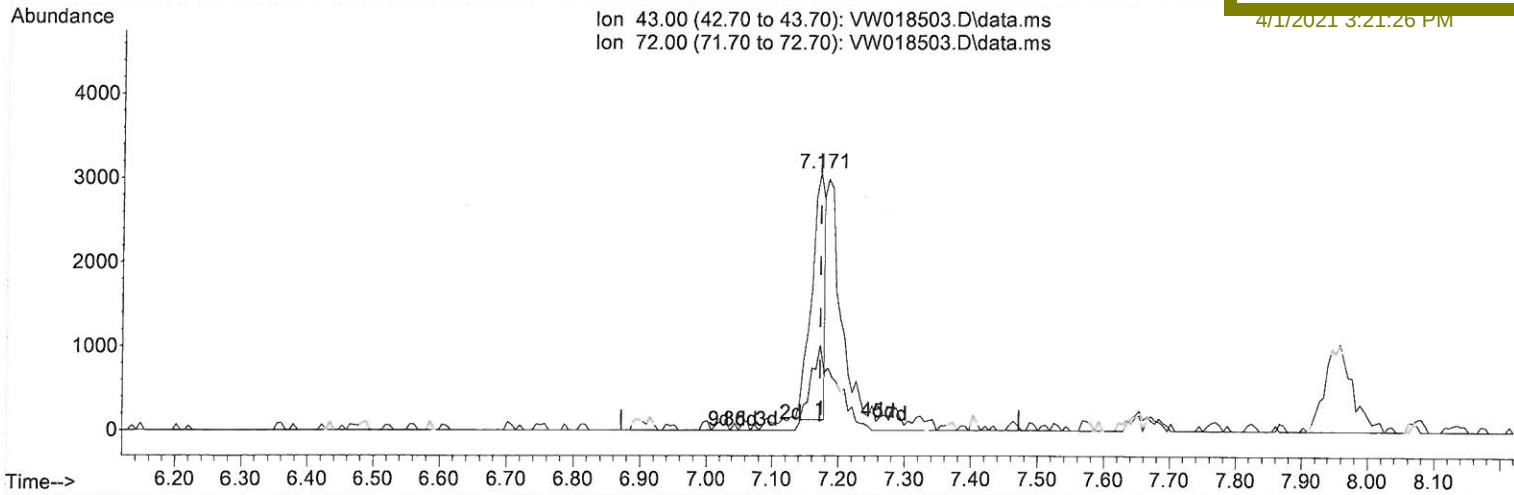
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Manual Integrations  
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4/1/2021 3:21:26 PM



(22) 2-Butanone (T)

7.171min (+ 0.000) 3.19 ug/L

response 4295

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 29.80  | 64.91# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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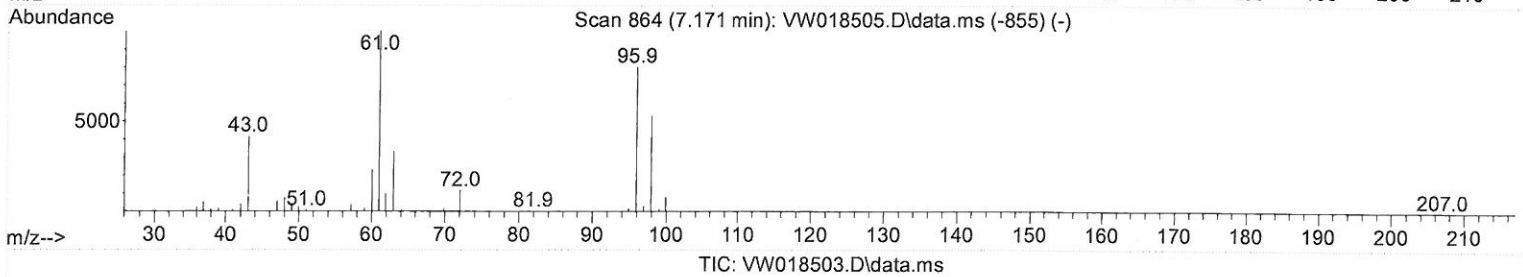
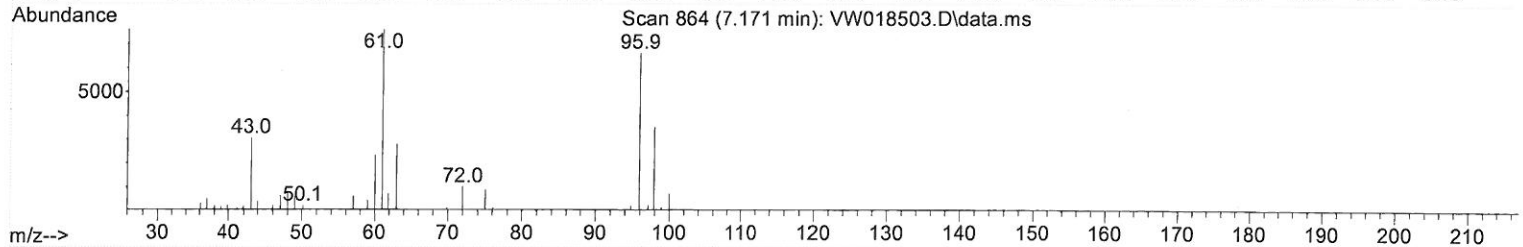
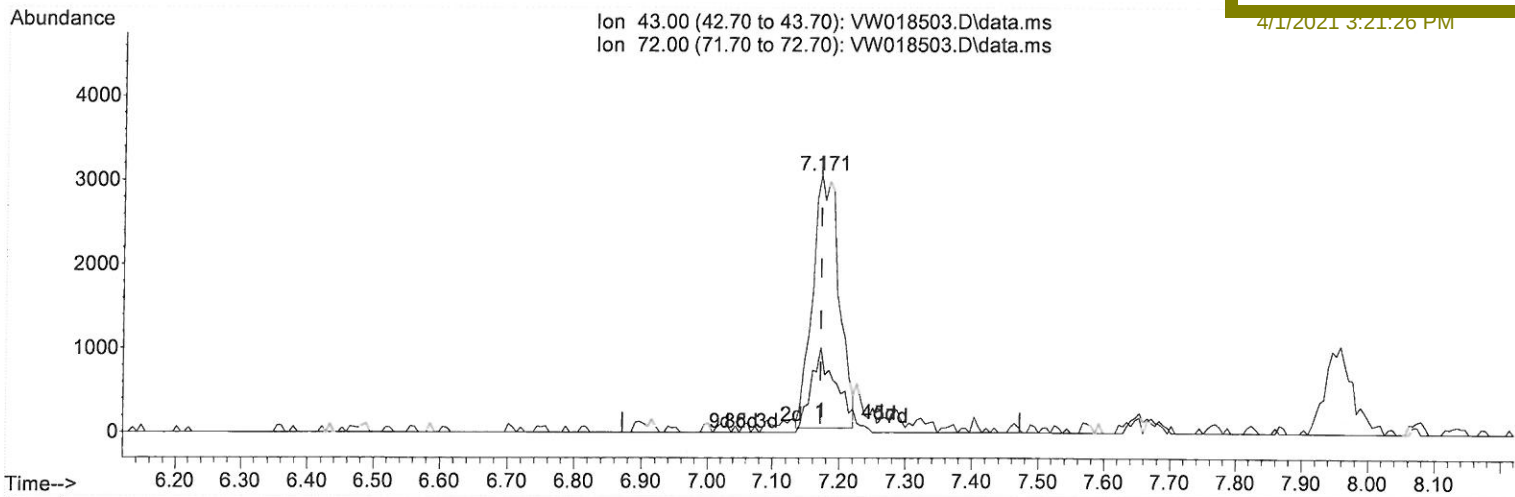
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 ClientSampleId :  
 VSTD2.5106

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Manual Integrations  
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(22) 2-Butanone (T)

7.171min (+ 0.000) 6.22 ug/L m

response 8375

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 29.80  | 33.29  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

7 MD  
 4/12/21

# Quantitation Report (Qedit)

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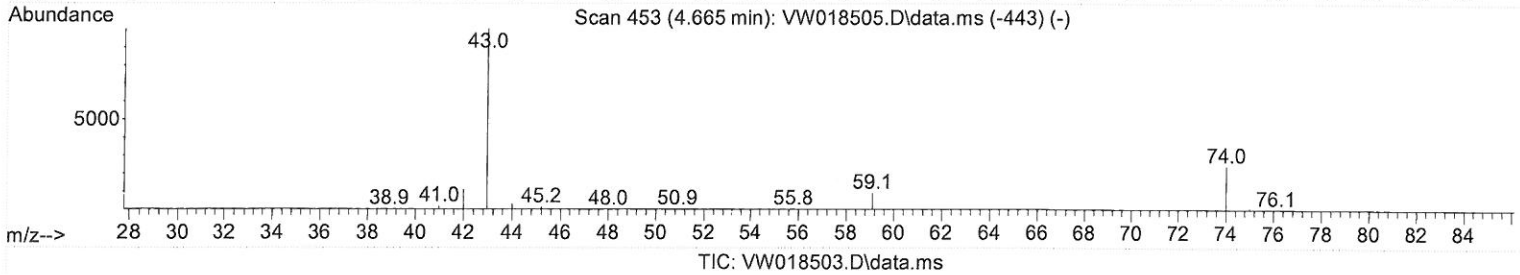
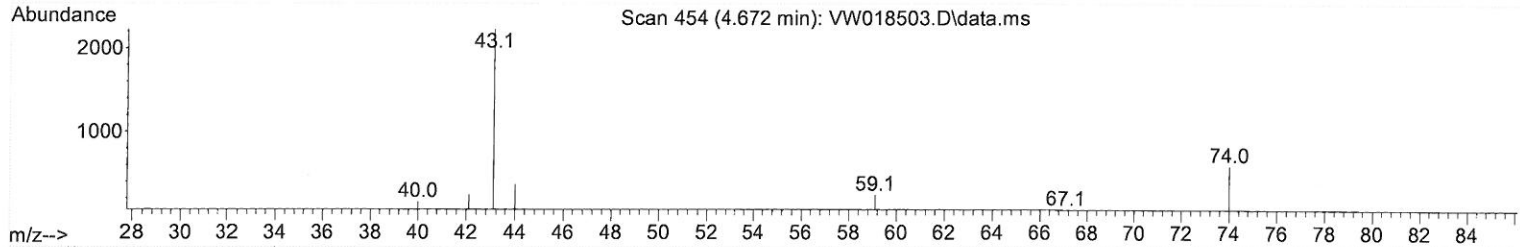
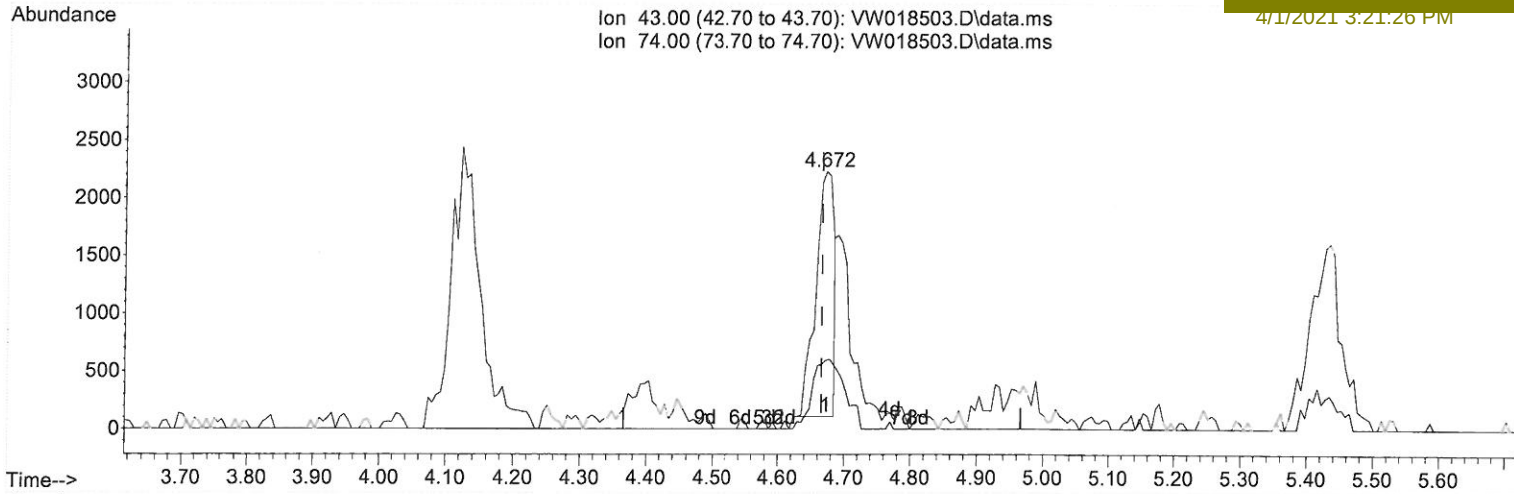
Instrument :  
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 ClientSampleId :  
 VSTD2.5106

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Manual Integrations  
 APPROVED

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(15) Methyl Acetate (T)

4.672min (+ 0.006) 1.87 ug/L

response 4051

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 25.00  | 46.38# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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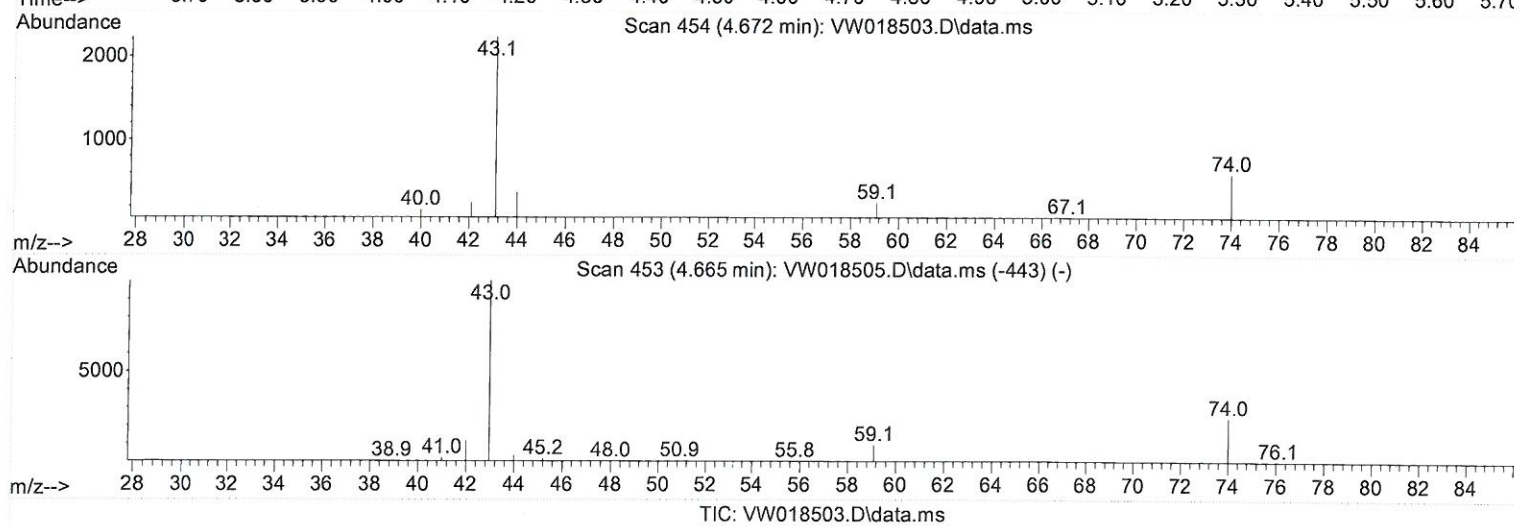
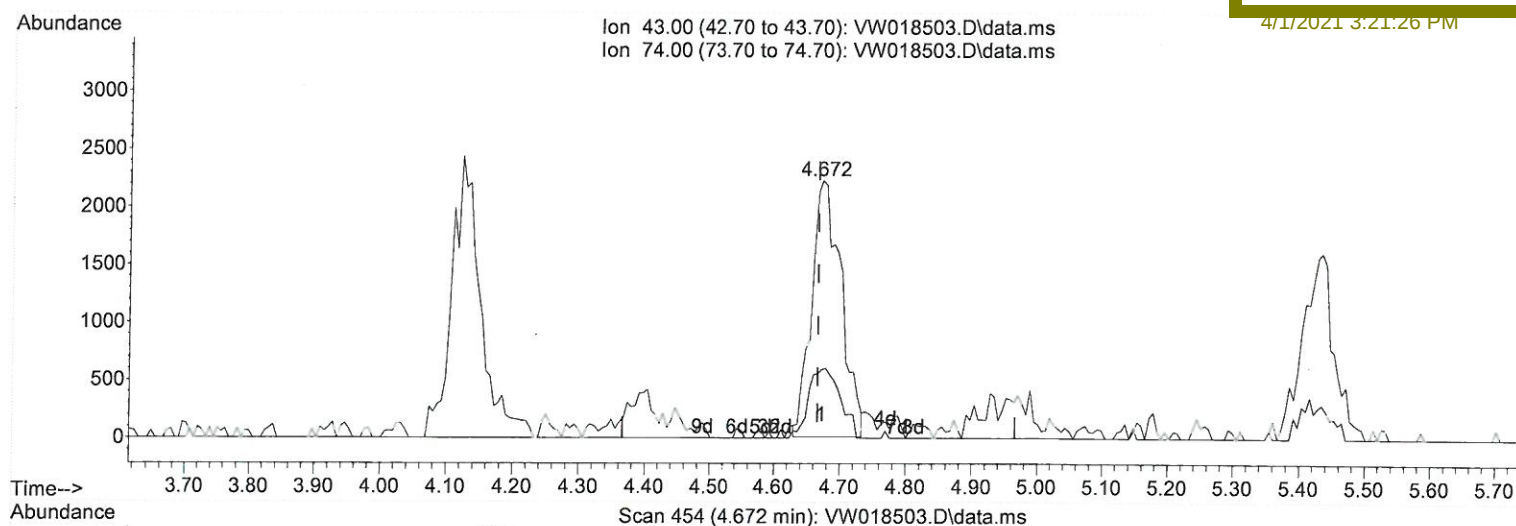
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD2.5106

Quant Time: Mar 31 12:02:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM033121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Mar 31 12:01:42 2021  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

MMDadoda

4/1/2021 3:21:26 PM



(15) Methyl Acetate (T)

4.672min (+ 0.006) 3.20 ug/L m

response 6937

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 25.00  | 27.09  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

7 MD  
 4/12/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW033121\  
 Data File : VW018503.D  
 Acq On : 31 Mar 2021 10:17  
 Operator : SY/VA  
 Sample : VSTD2.506  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 Client Sample ID :  
 VSTD2.5106

Manual Integrations  
 APPROVED

MMDadoda

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Quant Time: Mar 31 12:02:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM033121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Mar 31 12:01:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------------|----------|
| Internal Standards            |        |      |          |             |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114  | 471762   | 25.00 ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117  | 429434   | 25.00 ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152  | 219597   | 25.00 ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |             |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65   | 19077    | 3.36 ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.885  | 69   | 16131    | 3.62 ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.032  | 63   | 31131    | 2.90 ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.086  | 46   | 7511     | 6.25 ug/L   | 0.01     |
| 24) Chloroform-d              | 7.647  | 84   | 31506    | 2.72 ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 18751    | 3.11 ug/L   | 0.00     |
| 32) Benzene-d6                | 8.275  | 84   | 58312    | 2.60 ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67   | 17165    | 2.73 ug/L   | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 56193    | 2.61 ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79   | 7683     | 2.66 ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.921 | 63   | 5845     | 5.61 ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84   | 15715    | 2.97 ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 19491    | 2.50 ug/L   | 0.00     |
| Target Compounds              |        |      |          |             |          |
|                               |        |      |          |             | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.014  | 85   | 12073    | 2.11 ug/L   | 96       |
| 3) Chloromethane              | 2.215  | 50   | 15977    | 3.32 ug/L   | 94       |
| 5) Vinyl chloride             | 2.367  | 62   | 24804    | 3.52 ug/L   | 94       |
| 6) Bromomethane               | 2.782  | 94   | 18901    | 3.87 ug/L   | 97       |
| 8) Chloroethane               | 2.928  | 64   | 14293    | 3.56 ug/L   | 95       |
| 9) Trichlorofluoromethane     | 3.263  | 101  | 9616     | 2.17 ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101  | 14714    | 2.39 ug/L # | 76       |
| 12) 1,1-Dichloroethene        | 4.044  | 96   | 16123    | 2.68 ug/L   | 88       |
| 13) Acetone                   | 4.123  | 43   | 5855     | 7.02 ug/L   | 83       |
| 14) Carbon disulfide          | 4.391  | 76   | 45893    | 2.48 ug/L # | 95       |
| 15) Methyl Acetate            | 4.672  | 43   | 6937m    | 3.20 ug/L   |          |
| 16) Methylene chloride        | 4.922  | 84   | 21786    | 3.30 ug/L   | 83       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96   | 16910    | 2.63 ug/L   | 92       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73   | 21454    | 3.19 ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 6.220  | 63   | 29997    | 2.92 ug/L   | 94       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96   | 17008    | 2.53 ug/L   | 90       |
| 22) 2-Butanone                | 7.171  | 43   | 8375m    | 6.22 ug/L   |          |
| 23) Bromochloromethane        | 7.519  | 128  | 8081     | 2.56 ug/L   | 89       |
| 25) Chloroform                | 7.677  | 83   | 31526    | 2.82 ug/L   | 92       |
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 22071    | 3.13 ug/L   | 98       |
| 29) Cyclohexane               | 7.958  | 56   | 24690    | 2.76 ug/L # | 89       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 24418    | 2.72 ug/L   | 96       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 22830    | 2.64 ug/L   | 100      |
| 33) Benzene                   | 8.323  | 78   | 64906    | 2.72 ug/L   | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 17696    | 2.66 ug/L   | 92       |
| 35) Methylcyclohexane         | 9.335  | 83   | 29754    | 2.70 ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 15050    | 2.69 ug/L   | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 21213    | 2.71 ug/L # | 93       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 22000    | 2.44 ug/L   | 92       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 19192    | 6.39 ug/L   | 97       |
| 42) Toluene                   | 10.390 | 91   | 69830    | 2.64 ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 10.610 | 75   | 20493    | 2.60 ug/L   | 94       |

no  
4/1/21

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Manual Integrations  
 APPROVED

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4/1/2021 3:21:26 PM

| Compound                      | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 12365    | 2.70 | ug/L   | 90       |
| 46) Tetrachloroethene         | 10.860 | 164  | 12961    | 2.25 | ug/L   | 90       |
| 48) 2-Hexanone                | 10.969 | 43   | 13579    | 6.58 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.128 | 129  | 13284    | 2.37 | ug/L   | 83       |
| 50) 1,2-Dibromoethane         | 11.232 | 107  | 12608    | 2.81 | ug/L   | 96       |
| 51) Chlorobenzene             | 11.652 | 112  | 45940    | 2.62 | ug/L   | 94       |
| 52) Ethylbenzene              | 11.731 | 91   | 78972    | 2.64 | ug/L   | 99       |
| 53) m,p-Xylene                | 11.841 | 106  | 28313    | 2.46 | ug/L   | 95       |
| 54) o-Xylene                  | 12.170 | 106  | 27095    | 2.47 | ug/L   | 99       |
| 55) Styrene                   | 12.183 | 104  | 46214    | 2.48 | ug/L   | 93       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 15567    | 2.93 | ug/L   | 90       |
| 59) Bromoform                 | 12.353 | 173  | 7611     | 2.39 | ug/L # | 40       |
| 60) Isopropylbenzene          | 12.463 | 105  | 75032    | 2.57 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 11866    | 3.09 | ug/L   | 96       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 60774    | 2.48 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 61800    | 2.52 | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 33394    | 2.40 | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 35713    | 2.57 | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 32077    | 2.57 | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 2776     | 3.27 | ug/L # | 90       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 26365    | 2.50 | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 21764    | 2.52 | ug/L   | 94       |
| 71) Naphthalene               | 15.365 | 128  | 42057    | 2.66 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 19836    | 2.61 | ug/L   | 97       |

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