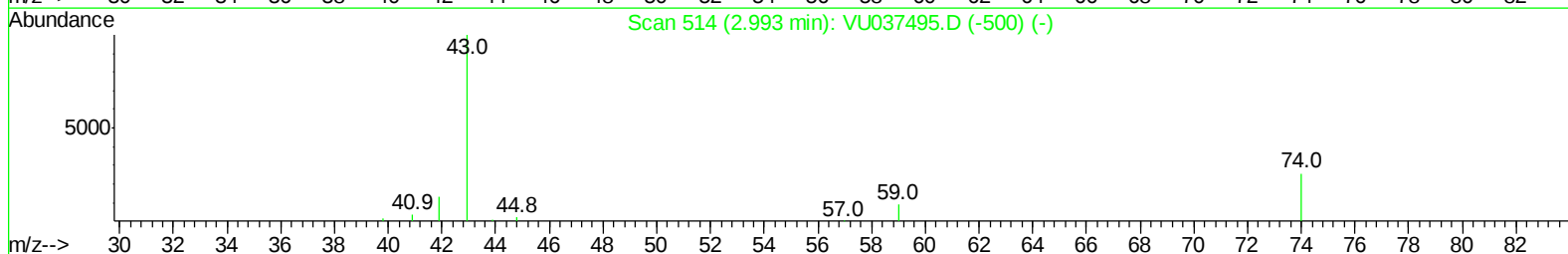
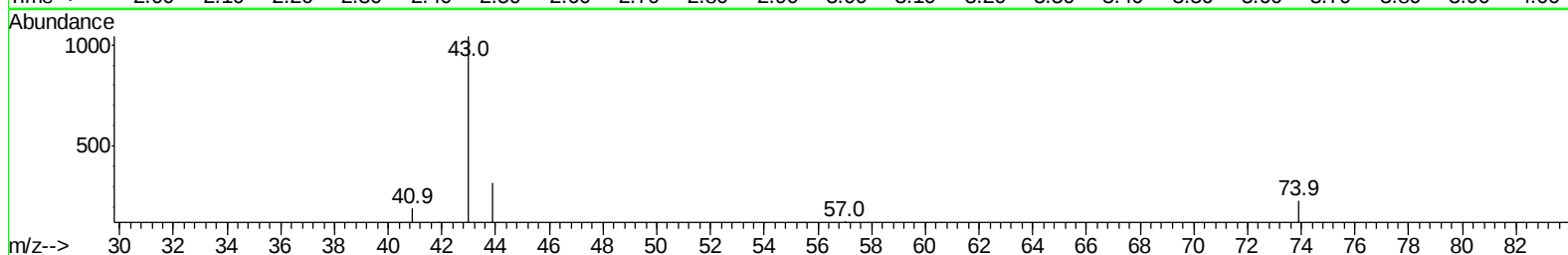
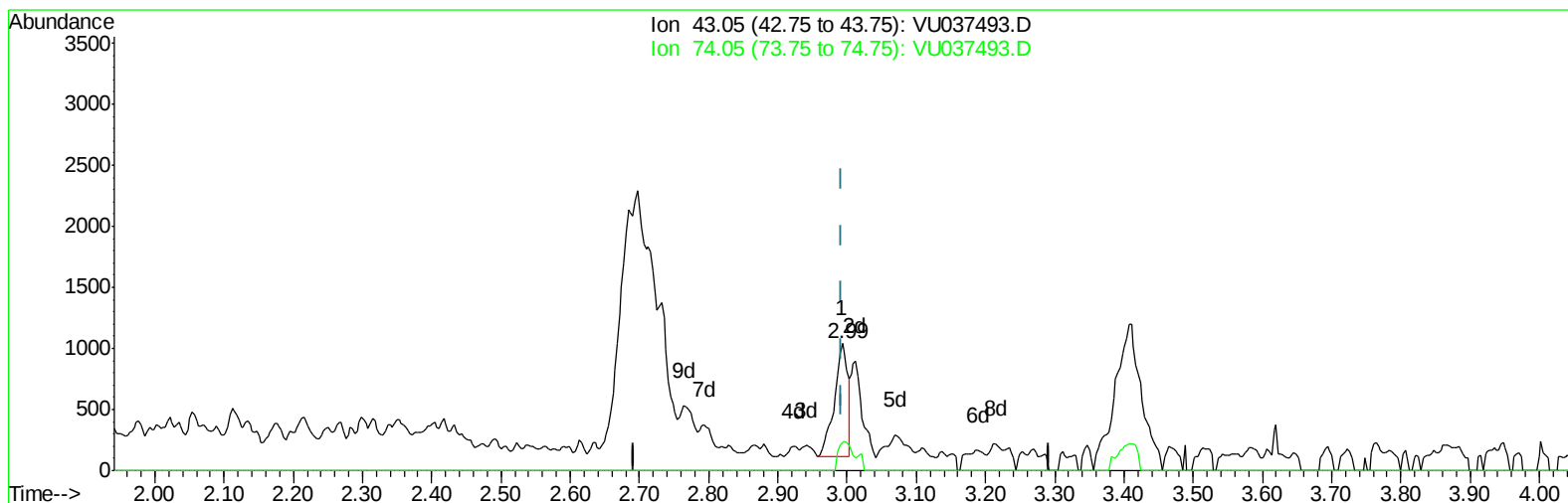


Data File : VU037493.D  
Acq On : 31 Mar 2020 11:24  
Operator : JC/MD  
Sample : VSTD0.5  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 31 12:39:46 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR033120WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Mar 31 12:37:56 2020  
Response via : Initial Calibration



TIC: VU037493.D

(15) Methyl Acetate (T)

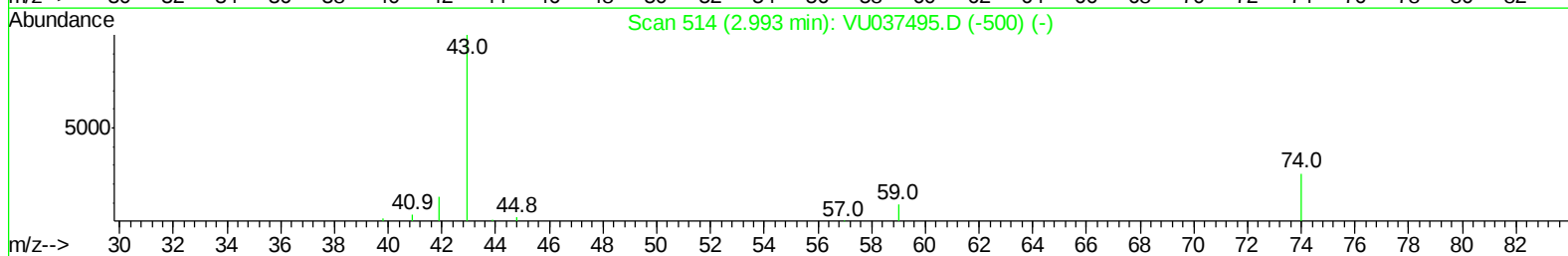
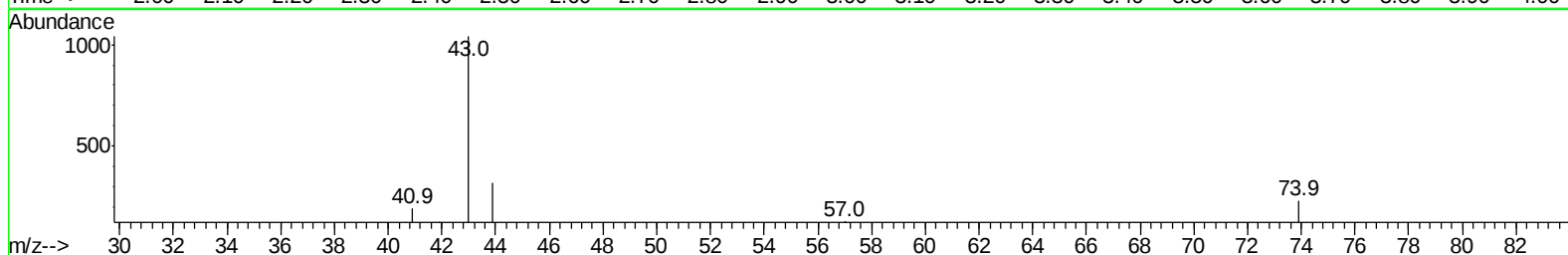
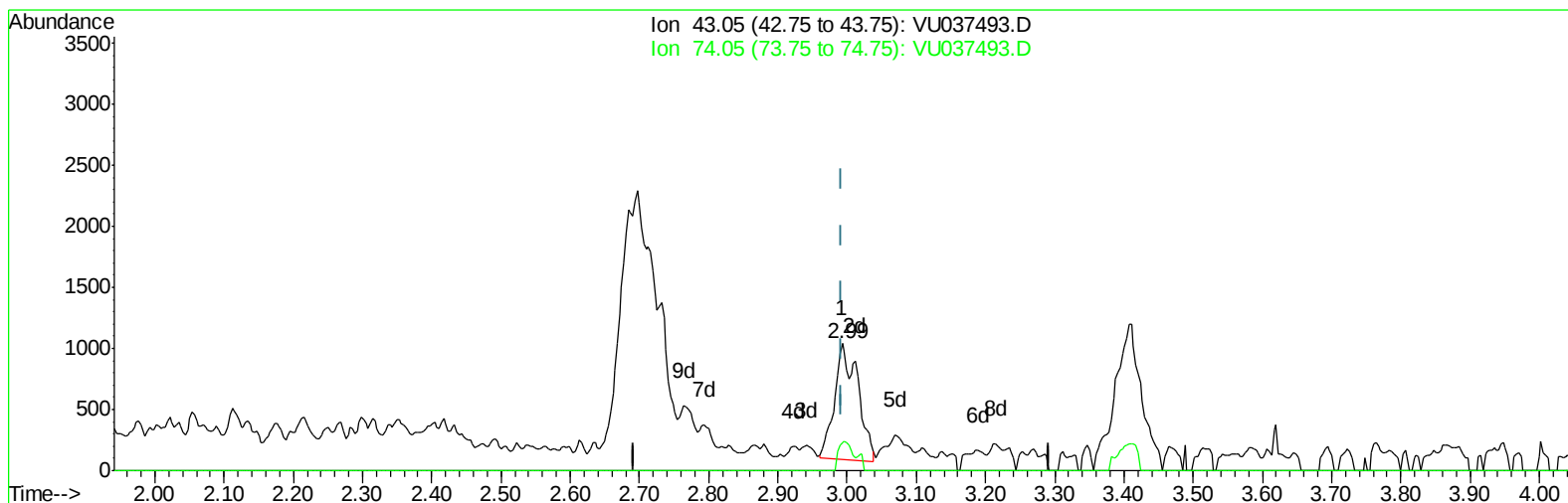
2.993min (+0.000) 0.36ug/L

response 1235

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.05 | 100   | 100   |
| 74.05 | 22.40 | 25.91 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

Data File : VU037493.D  
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QLast Update : Tue Mar 31 12:37:56 2020  
Response via : Initial Calibration



TIC: VU037493.D

(15) Methyl Acetate (T)

2.993min (+0.000) 0.65ug/L m

response 2222

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 43.05 | 100   | 100    |
| 74.05 | 22.40 | 14.40# |
| 0.00  | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

Data File : VU037493.D  
Acq On : 31 Mar 2020 11:24  
Operator : JC/MD  
Sample : VSTD0.5  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 31 12:44:15 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR033120WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Mar 31 12:37:56 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 105733   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 100727   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 47378    | 5.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |       |     |       |      |      |      |
|--------------------------------|-------|-----|-------|------|------|------|
| 4) Vinyl Chloride-d3           | 1.61  | 65  | 3690  | 0.47 | ug/L | 0.00 |
| 7) Chloroethane-d5             | 1.93  | 69  | 3794  | 0.65 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2      | 2.59  | 63  | 7347  | 0.48 | ug/L | 0.00 |
| 20) 2-Butanone-d5              | 4.69  | 46  | 11393 | 5.36 | ug/L | 0.00 |
| 24) Chloroform-d               | 5.11  | 84  | 6887  | 0.45 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4      | 5.74  | 65  | 4169  | 0.49 | ug/L | 0.00 |
| 32) Benzene-d6                 | 5.76  | 84  | 14090 | 0.48 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6     | 6.72  | 67  | 4154  | 0.43 | ug/L | 0.00 |
| 41) Toluene-d8                 | 7.92  | 98  | 12845 | 0.47 | ug/L | 0.00 |
| 43) trans-1,3-Dichloropropene- | 8.20  | 79  | 2054  | 0.45 | ug/L | 0.00 |
| 46) 2-Hexanone-d5              | 8.66  | 63  | 9468  | 5.26 | ug/L | 0.00 |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84  | 3652  | 0.45 | ug/L | 0.00 |
| 64) 1,2-Dichlorobenzene-d4     | 12.21 | 152 | 4355  | 0.47 | ug/L | 0.00 |

Target Compounds

|                                |      |     |       |              | Qvalue |
|--------------------------------|------|-----|-------|--------------|--------|
| 2) Dichlorodifluoromethane     | 1.39 | 85  | 4343  | 0.490 ug/L   | 89     |
| 3) Chloromethane               | 1.53 | 50  | 4301  | 0.547 ug/L   | 89     |
| 5) Vinyl chloride              | 1.62 | 62  | 4745  | 0.573 ug/L   | 98     |
| 6) Bromomethane                | 1.88 | 94  | 2547  | 0.546 ug/L   | 90     |
| 8) Chloroethane                | 1.95 | 64  | 2840  | 0.615 ug/L   | 94     |
| 9) Trichlorofluoromethane      | 2.16 | 101 | 6449  | 0.582 ug/L   | 100    |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.61 | 101 | 3682  | 0.545 ug/L   | 95     |
| 12) 1,1-Dichloroethene         | 2.61 | 96  | 4028  | 0.579 ug/L   | 79     |
| 13) Acetone                    | 2.70 | 43  | 7589  | 6.209 ug/L   | 99     |
| 14) Carbon disulfide           | 2.82 | 76  | 12730 | 0.535 ug/L   | 98     |
| 15) Methyl Acetate             | 2.99 | 43  | 2222m | 0.651 ug/L   |        |
| 16) Methylene chloride         | 3.08 | 84  | 4515  | 0.581 ug/L   | 88     |
| 17) Methyl tert-butyl Ether    | 3.41 | 73  | 10921 | 0.577 ug/L # | 88     |
| 18) trans-1,2-Dichloroethene   | 3.39 | 96  | 4017  | 0.552 ug/L   | 93     |
| 19) 1,1-Dichloroethane         | 3.91 | 63  | 7707  | 0.567 ug/L   | 96     |
| 21) 2-Butanone                 | 4.76 | 43  | 13174 | 6.340 ug/L   | 99     |
| 22) cis-1,2-Dichloroethene     | 4.71 | 96  | 4533  | 0.556 ug/L   | 96     |
| 23) Bromochloromethane         | 5.02 | 128 | 1838  | 0.511 ug/L   | 89     |
| 25) Chloroform                 | 5.13 | 83  | 8017  | 0.561 ug/L   | 94     |
| 27) 1,2-Dichloroethane         | 5.84 | 62  | 5250  | 0.550 ug/L # | 93     |
| 29) 1,1,1-Trichloroethane      | 5.36 | 97  | 6923  | 0.547 ug/L   | 98     |
| 30) Cyclohexane                | 5.43 | 56  | 7344  | 0.566 ug/L   | 94     |
| 31) Carbon tetrachloride       | 5.56 | 117 | 5739  | 0.525 ug/L   | 96     |
| 33) Benzene                    | 5.81 | 78  | 16954 | 0.568 ug/L   | 100    |
| 34) Trichloroethene            | 6.57 | 95  | 4590  | 0.540 ug/L   | 90     |
| 35) Methylcyclohexane          | 6.79 | 83  | 7173  | 0.533 ug/L   | 95     |
| 37) 1,2-Dichloropropane        | 6.82 | 63  | 4356  | 0.565 ug/L # | 89     |
| 38) Bromodichloromethane       | 7.14 | 83  | 5958  | 0.565 ug/L   | 91     |
| 39) cis-1,3-Dichloropropene    | 7.64 | 75  | 6878  | 0.547 ug/L   | 97     |
| 40) 4-Methyl-2-pentanone       | 7.82 | 43  | 34939 | 6.806 ug/L   | 99     |

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Quant Time: Mar 31 12:44:15 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR033120WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Mar 31 12:37:56 2020  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 42) Toluene                    | 8.00  | 91   | 17395    | 0.541 | ug/L   | 94       |
| 44) trans-1,3-Dichloropropene  | 8.23  | 75   | 6095     | 0.542 | ug/L   | 86       |
| 45) 1,1,2-Trichloroethane      | 8.43  | 97   | 3255     | 0.564 | ug/L   | 92       |
| 47) Tetrachloroethene          | 8.57  | 164  | 2954     | 0.505 | ug/L   | 95       |
| 48) 2-Hexanone                 | 8.71  | 43   | 24941    | 6.740 | ug/L   | 99       |
| 49) Dibromochloromethane       | 8.83  | 129  | 3872     | 0.544 | ug/L   | 88       |
| 50) 1,2-Dibromoethane          | 8.95  | 107  | 3298     | 0.589 | ug/L # | 99       |
| 51) Chlorobenzene              | 9.47  | 112  | 11159    | 0.502 | ug/L   | 96       |
| 52) Ethylbenzene               | 9.59  | 91   | 21059    | 0.571 | ug/L   | 99       |
| 53) m,p-Xylene                 | 9.71  | 106  | 8073     | 0.579 | ug/L   | 93       |
| 54) o-Xylene                   | 10.12 | 106  | 6969     | 0.512 | ug/L   | 90       |
| 55) Styrene                    | 10.13 | 104  | 12430    | 0.535 | ug/L   | 94       |
| 56) Isopropylbenzene           | 10.50 | 105  | 19032    | 0.525 | ug/L   | 98       |
| 58) 1,1,2,2-Tetrachloroethane  | 10.80 | 83   | 4177     | 0.567 | ug/L # | 89       |
| 59) 1,2,3-Trichloropropane     | 10.84 | 75   | 3061     | 0.571 | ug/L   | 100      |
| 61) Bromoform                  | 10.31 | 173  | 2325     | 0.590 | ug/L # | 92       |
| 62) 1,3-Dichlorobenzene        | 11.76 | 146  | 8749     | 0.574 | ug/L   | 96       |
| 63) 1,4-Dichlorobenzene        | 11.85 | 146  | 8926     | 0.549 | ug/L   | 99       |
| 65) 1,2-Dichlorobenzene        | 12.23 | 146  | 8030     | 0.546 | ug/L   | 97       |
| 66) 1,2-Dibromo-3-chloropropan | 13.02 | 75   | 737      | 0.570 | ug/L   | 94       |
| 67) 1,3,5-Trichlorobenzene     | 13.24 | 180  | 5787     | 0.490 | ug/L   | 96       |
| 68) 1,2,4-trichlorobenzene     | 13.87 | 180  | 6206     | 0.545 | ug/L   | 91       |
| 69) Naphthalene                | 14.12 | 128  | 13856    | 0.627 | ug/L   | 98       |
| 70) 1,2,3-Trichlorobenzene     | 14.37 | 180  | 5052     | 0.493 | ug/L   | 95       |
| -----                          |       |      |          |       |        |          |

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

Data File : VU037493.D

```
Acq On       : 31 Mar 2020   11:24
Operator    : JC/MD
Sample      : VSTD0.5
Misc       : 25.0mL/MSVOA_U/WATER
ALS Vial    : 1      Sample Multiplier: 1
```

Quant Time: Mar 31 12:44:15 2020  
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