

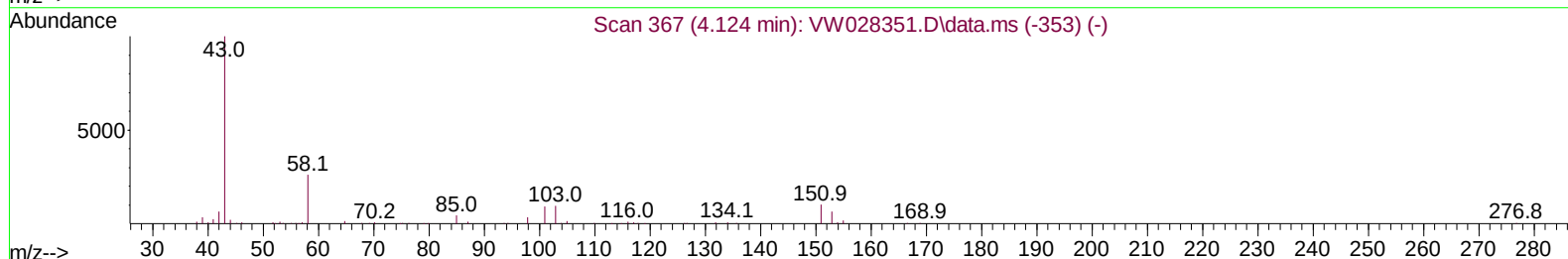
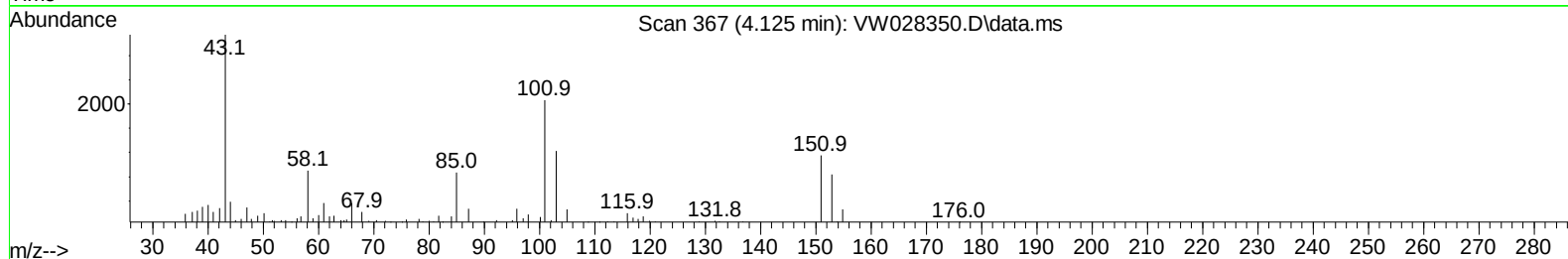
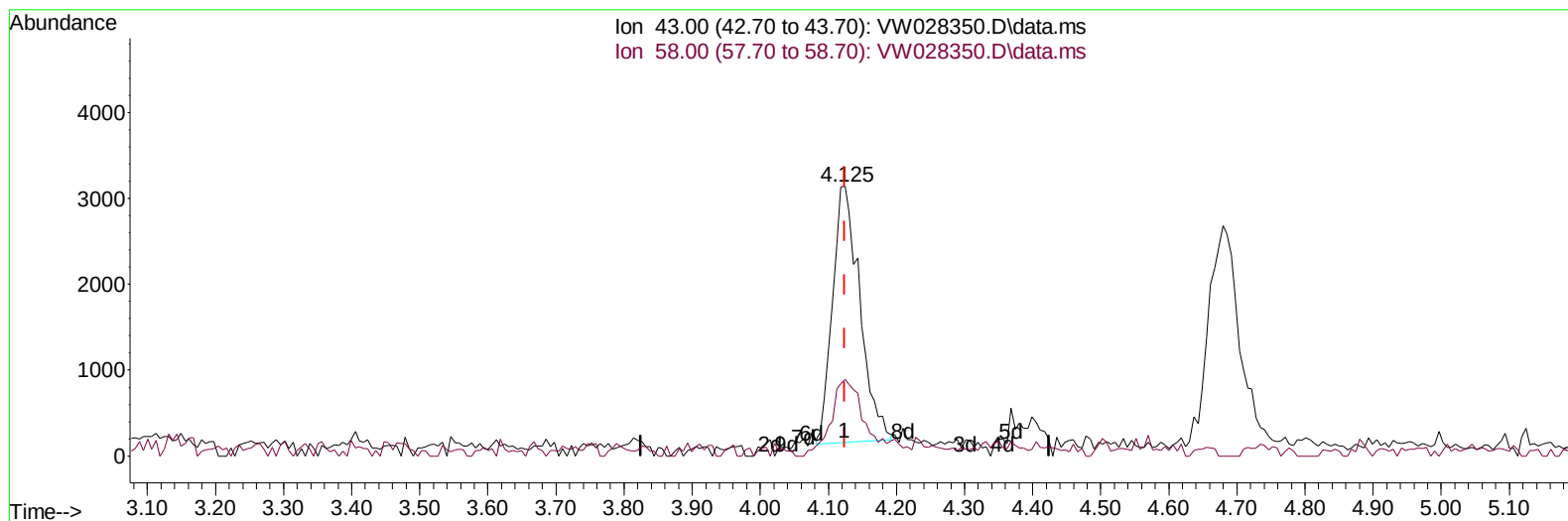
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040824\  
 Data File : VW028350.D  
 Acq On : 08 Apr 2024 10:58  
 Operator : SY/MD  
 Sample : VSTD00529  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD005429

Manual IntegrationsAPPROVED

Quant Time: Apr 09 01:12:21 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Apr 09 01:10:48 2024  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/09/2024  
 Supervised By :Mahesh Dadoda 04/09/2024



TIC: VW028350.D\data.ms

(13) Acetone (T)

4.125min (+ 0.000) 8.03 ug/L

response 8293

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 26.70  | 35.56  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

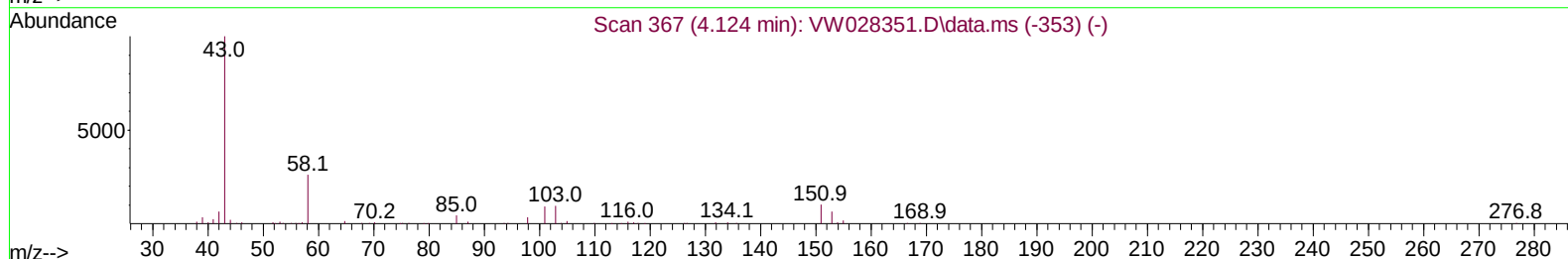
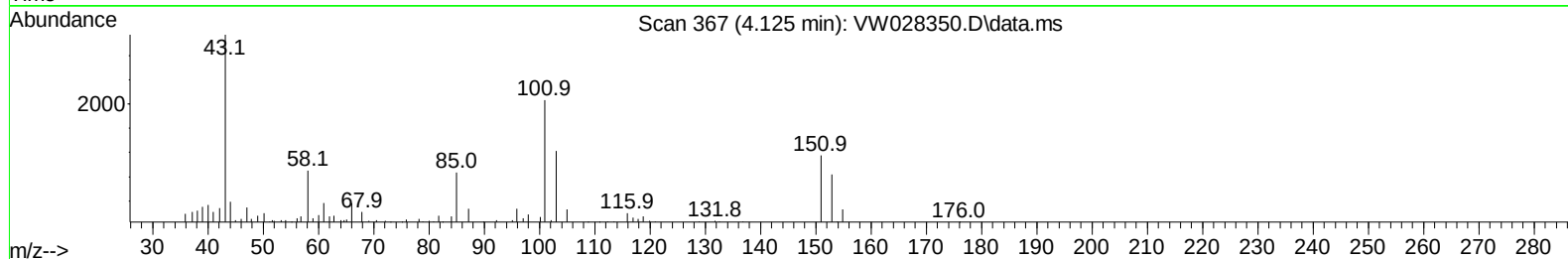
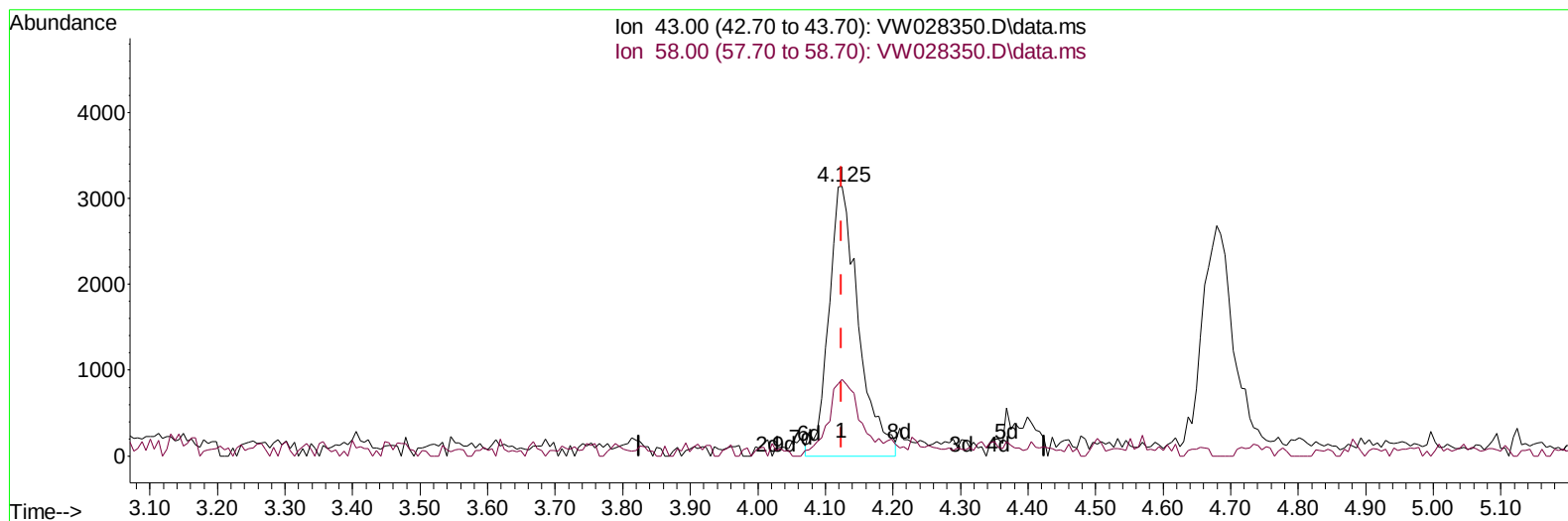
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(13) Acetone (T)

4.125min (+ 0.000) 9.39 ug/L m

response 9694

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 26.70  | 30.42  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

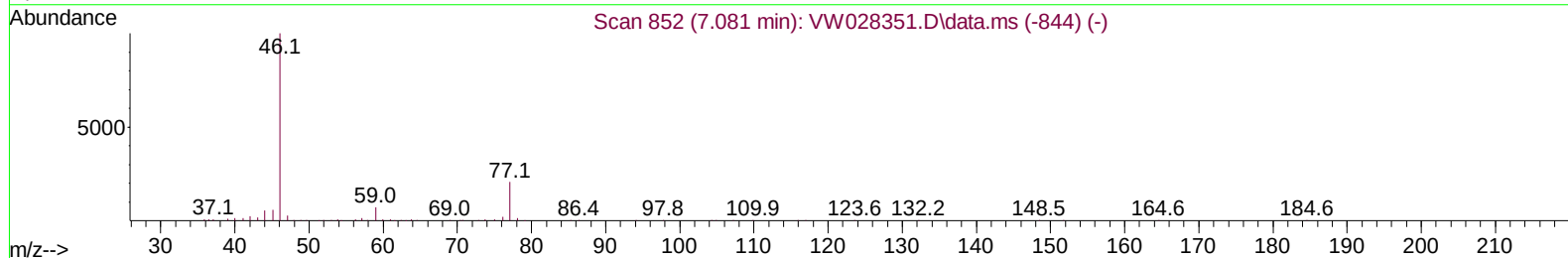
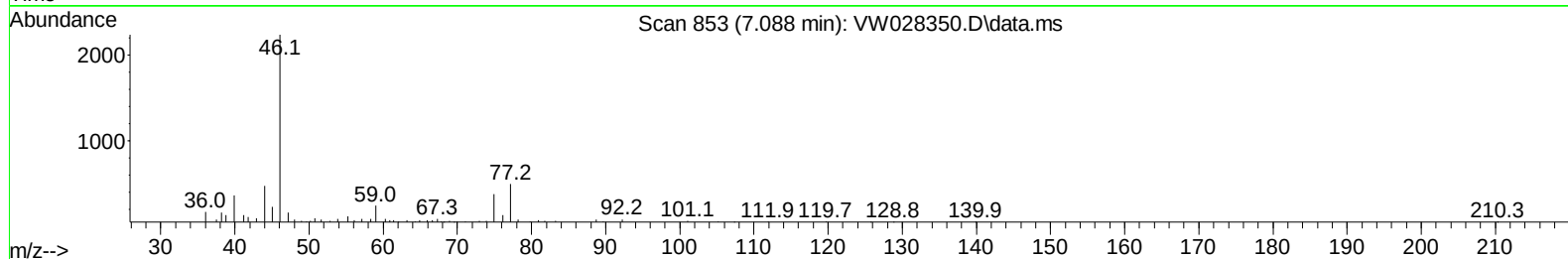
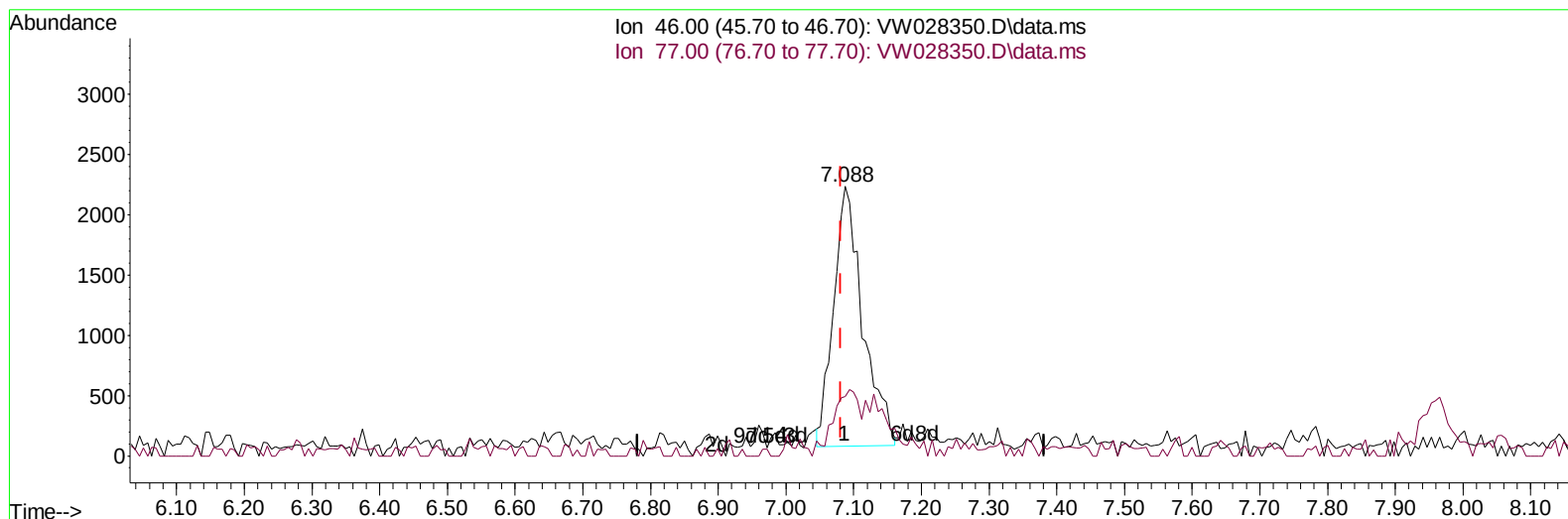
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## (21) 2-Butanone-d5 (S)

7.088min (+ 0.006) 7.62 ug/L

response 6497

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 23.40  | 17.07  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

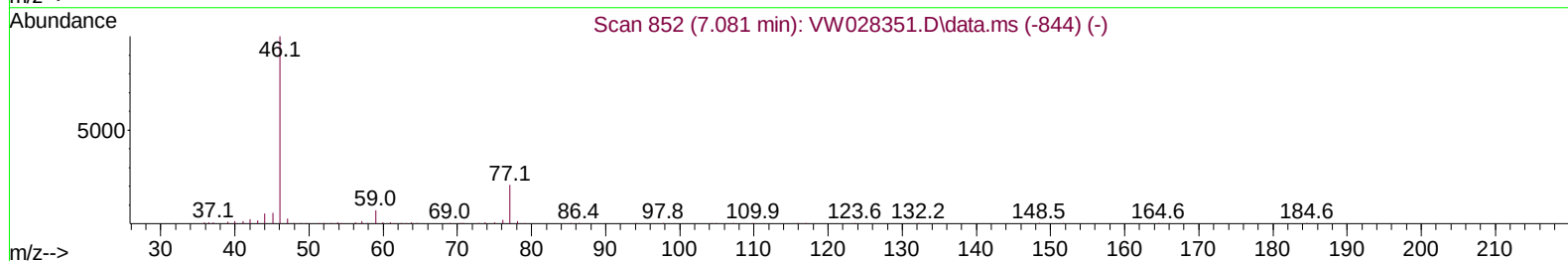
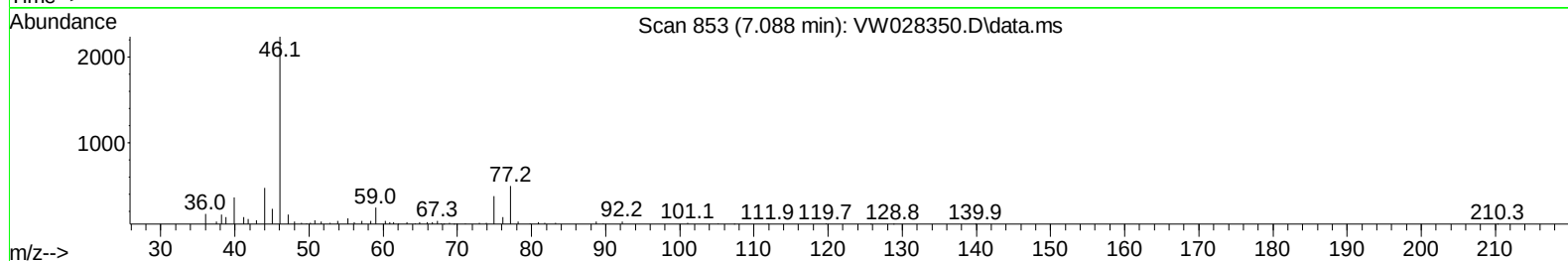
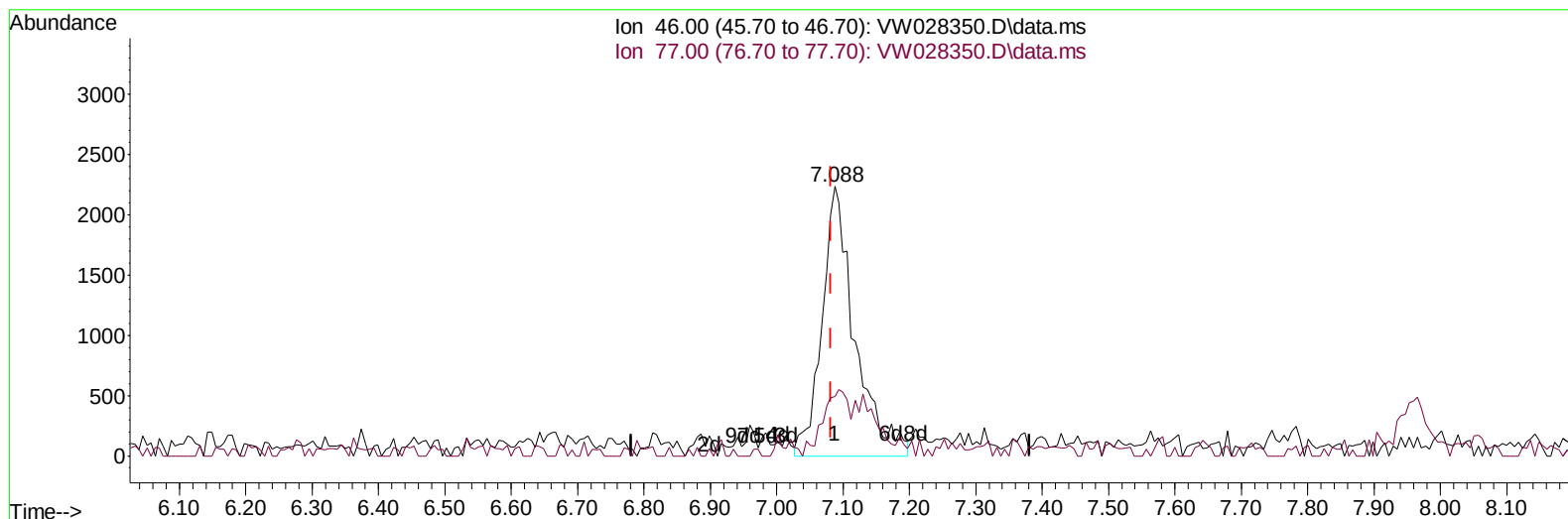
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TIC: VW028350.D\data.ms

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

7.088min (+ 0.006) 8.96 ug/L m

response 7646

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 23.40  | 14.50# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

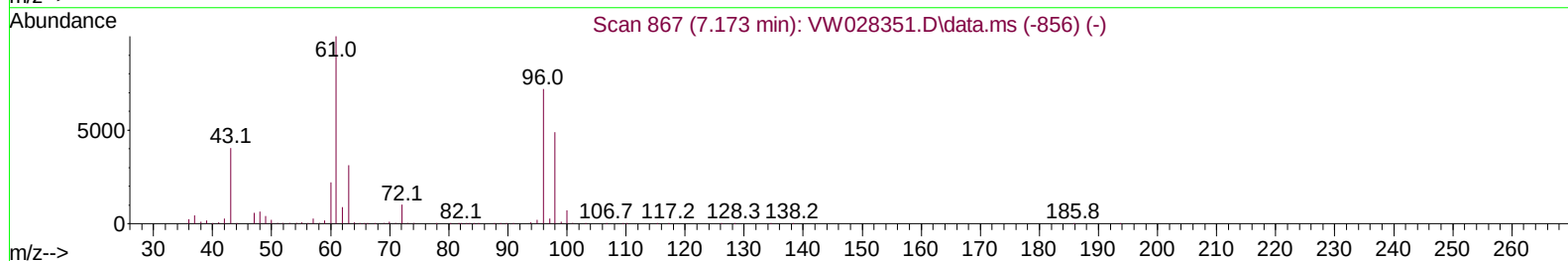
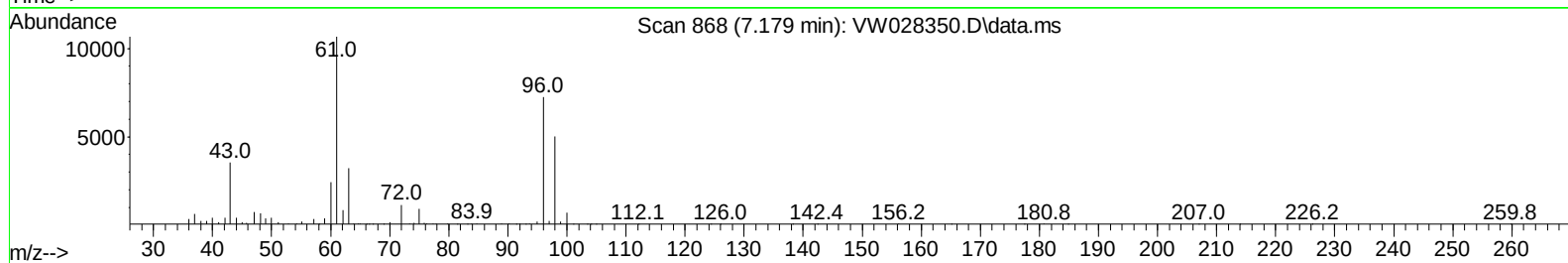
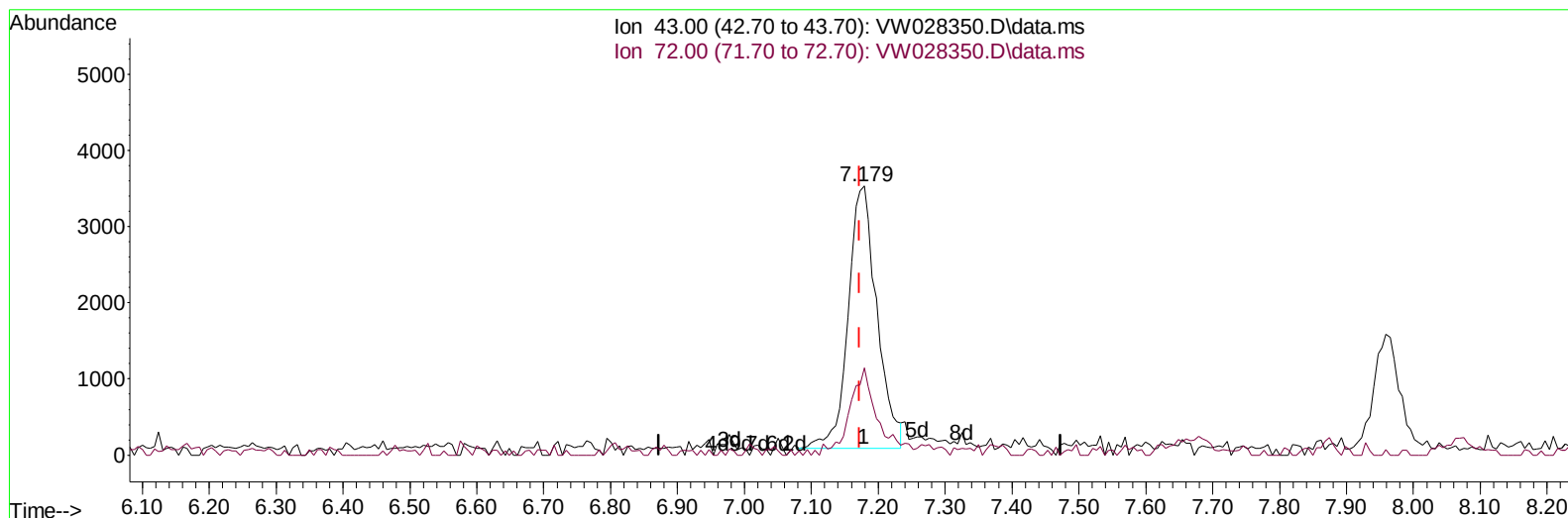
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Instrument :  
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 ClientSampleId :  
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TIC: VW028350.D\data.ms

## (22) 2-Butanone (T)

7.179min (+ 0.006) 8.16 ug/L

response 10284

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 25.60  | 24.84  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

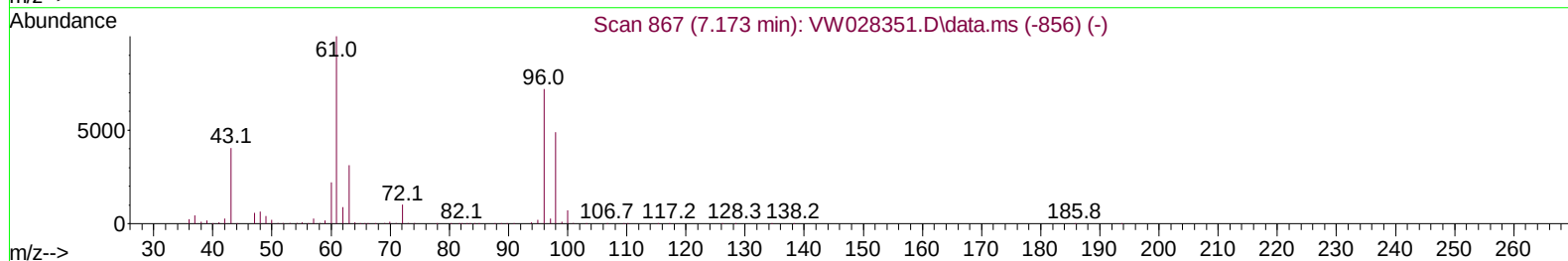
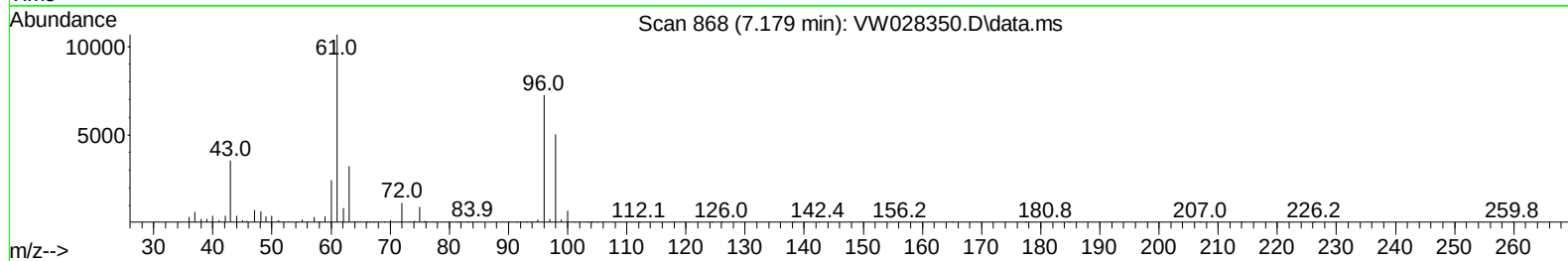
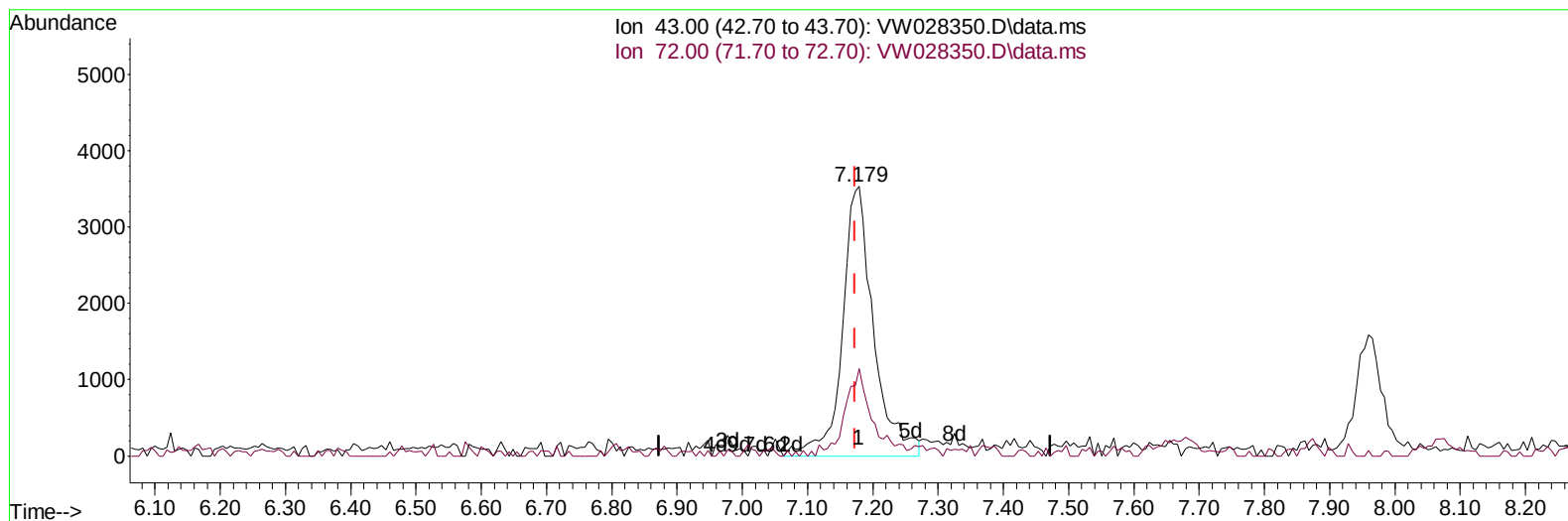
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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TIC: VW028350.D\data.ms

## (22) 2-Butanone (T)

7.179min (+ 0.006) 9.32 ug/L m

response 11749

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 25.60  | 21.75  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

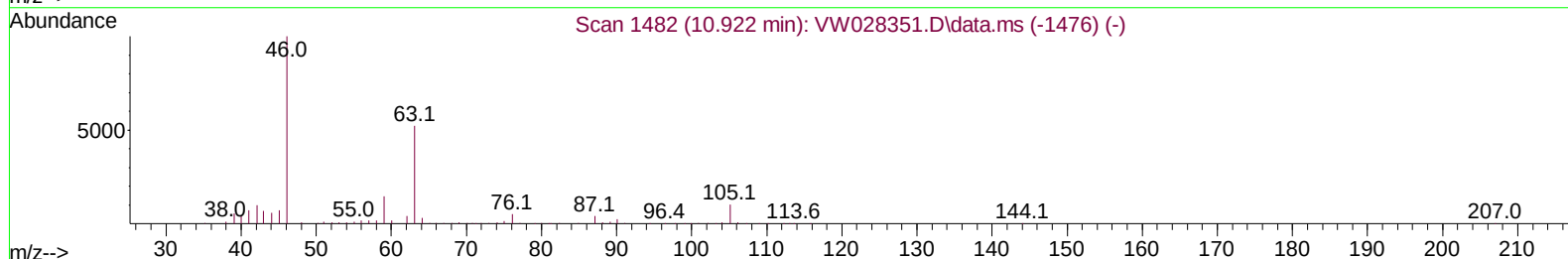
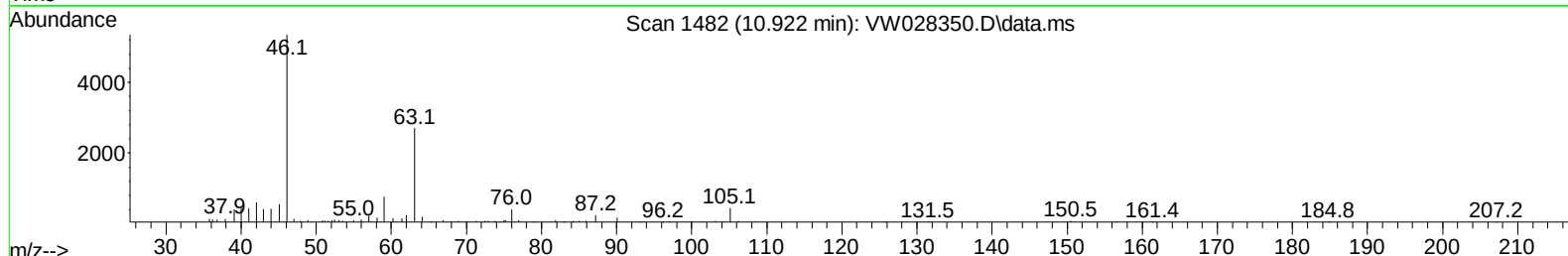
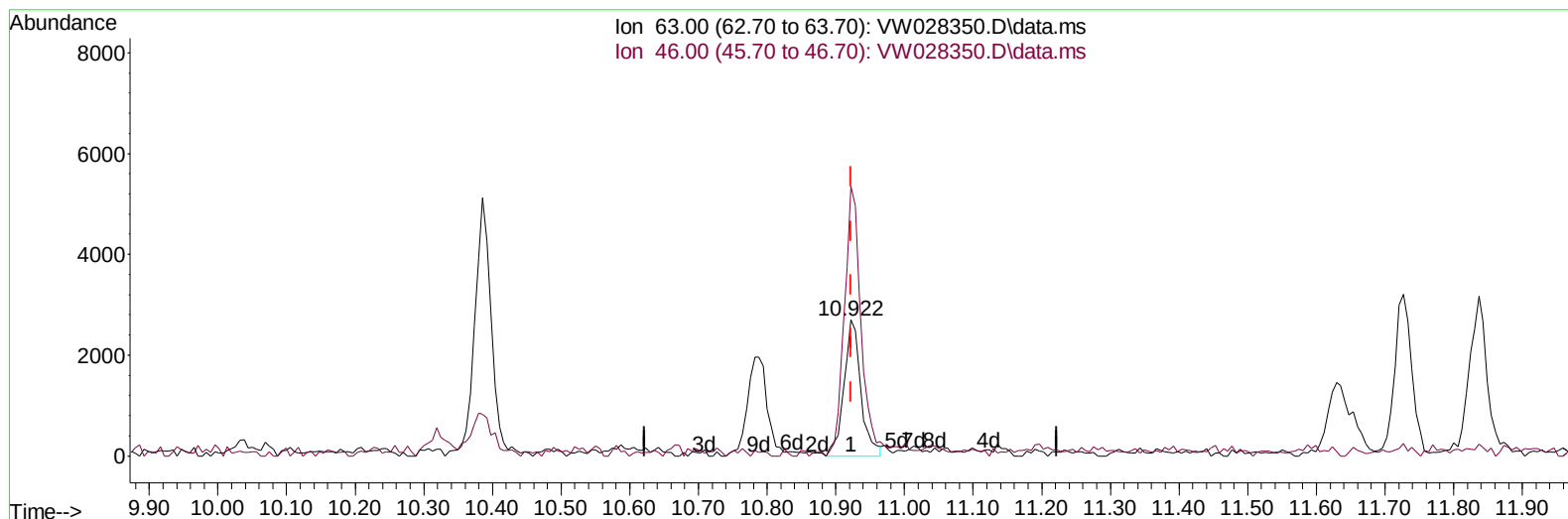
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TIC: VW028350.D\data.ms

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

10.922min (+ 0.000) 8.01 ug/L

response 4649

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 189.60 | 197.07 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

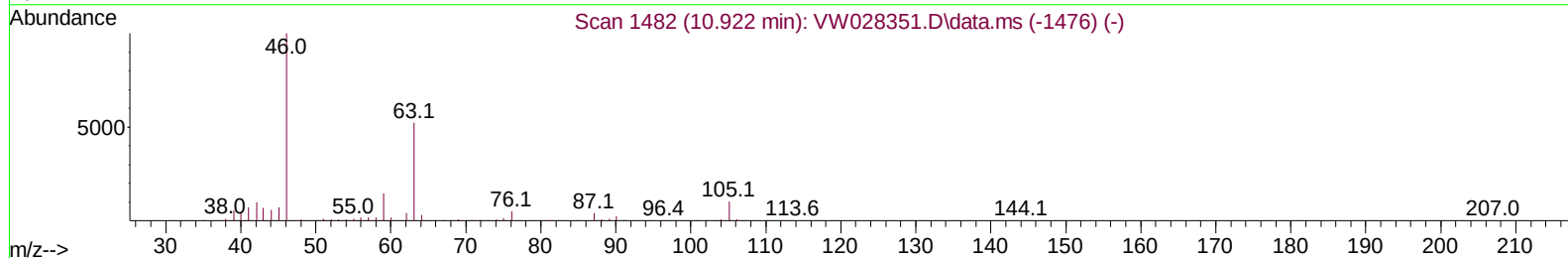
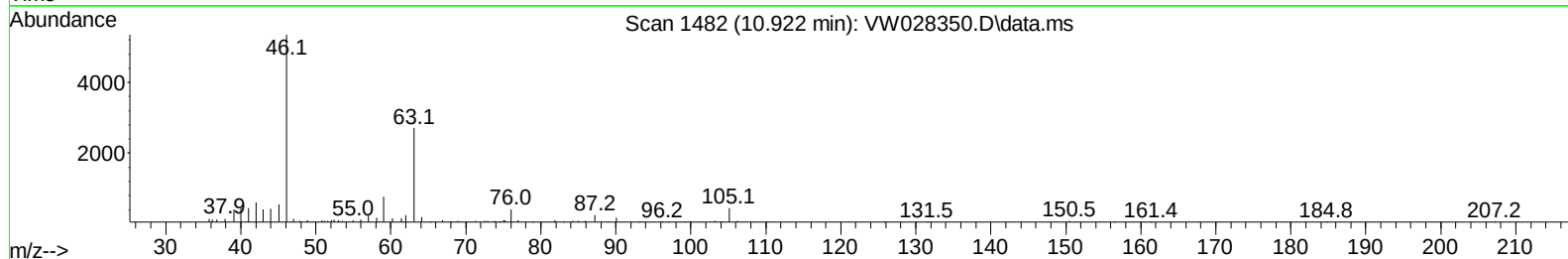
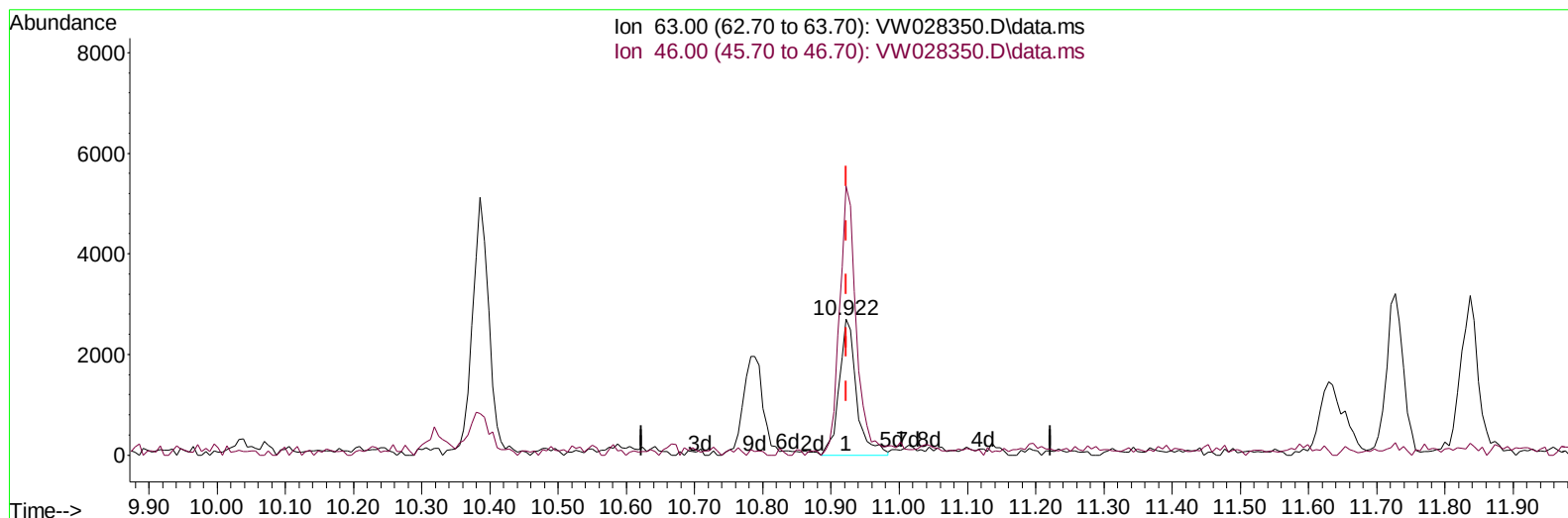
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 Operator : SY/MD  
 Sample : VSTD00529  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD005429

Manual IntegrationsAPPROVED

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TIC: VW028350.D\data.ms

(47) 2-Hexanone-d5 (S)

10.922min (+ 0.000) 8.26 ug/L m

response 4790

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 189.60 | 191.27 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |



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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114  | 295695   | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117  | 267777   | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 134693   | 25.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65   | 24345    | 5.136  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.905  | 69   | 16547    | 4.606  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65   | 9785     | 4.874  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.088  | 46   | 7646m    | 8.965  | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.648  | 84   | 33952    | 4.400  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65   | 17971    | 4.482  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.276  | 84   | 64797    | 4.430  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67   | 18975    | 4.364  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.325 | 98   | 56012    | 4.211  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79   | 7136     | 4.127  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.922 | 63   | 4790m    | 8.256  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84   | 13182    | 4.297  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.855 | 152  | 17638    | 4.141  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.021  | 85   | 19173    | 4.821  | ug/L   | 97       |
| 3) Chloromethane              | 2.223  | 50   | 23102    | 4.948  | ug/L   | 97       |
| 5) Vinyl chloride             | 2.375  | 62   | 28629    | 5.148  | ug/L   | 96       |
| 6) Bromomethane               | 2.789  | 94   | 18295    | 5.266  | ug/L   | 98       |
| 8) Chloroethane               | 2.936  | 64   | 16642    | 4.965  | ug/L   | 95       |
| 9) Trichlorofluoromethane     | 3.271  | 101  | 22060    | 4.973  | ug/L   | 95       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101  | 20433    | 4.913  | ug/L   | 90       |
| 12) 1,1-Dichloroethene        | 4.051  | 96   | 19547    | 5.020  | ug/L   | 80       |
| 13) Acetone                   | 4.125  | 43   | 9694m    | 9.385  | ug/L   |          |
| 14) Carbon disulfide          | 4.393  | 76   | 65740    | 5.096  | ug/L   | 98       |
| 15) Methyl Acetate            | 4.679  | 43   | 8398     | 4.792  | ug/L   | 95       |
| 16) Methylene chloride        | 4.917  | 84   | 24490    | 5.489  | ug/L   | 99       |
| 17) trans-1,2-Dichloroethene  | 5.435  | 96   | 21138    | 5.121  | ug/L   | 93       |
| 18) Methyl tert-butyl Ether   | 5.423  | 73   | 28763    | 4.964  | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.216  | 63   | 40516    | 5.027  | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96   | 22048    | 5.033  | ug/L   | 95       |
| 22) 2-Butanone                | 7.179  | 43   | 11749m   | 9.320  | ug/L   |          |
| 23) Bromochloromethane        | 7.520  | 128  | 9726     | 5.154  | ug/L   | 97       |
| 25) Chloroform                | 7.679  | 83   | 41050    | 5.196  | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 28081    | 5.150  | ug/L   | 98       |
| 29) Cyclohexane               | 7.959  | 56   | 34470    | 4.873  | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 33596    | 5.173  | ug/L   | 97       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 29661    | 5.150  | ug/L   | 98       |
| 33) Benzene                   | 8.325  | 78   | 85714    | 5.120  | ug/L   | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 23332    | 5.142  | ug/L   | 97       |
| 35) Methylcyclohexane         | 9.337  | 83   | 38784    | 5.009  | ug/L   | 100      |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 22917    | 5.252  | ug/L   | 98       |
| 38) Bromodichloromethane      | 9.642  | 83   | 27911    | 5.160  | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 30025    | 4.685  | ug/L   | 96       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 20824    | 9.528  | ug/L   | 97       |
| 42) Toluene                   | 10.386 | 91   | 91523    | 5.160  | ug/L   | 99       |

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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 23971    | 4.631 | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 15320    | 5.190 | ug/L  | 94       |
| 46) Tetrachloroethene         | 10.861 | 164  | 17799    | 5.252 | ug/L  | 89       |
| 48) 2-Hexanone                | 10.965 | 43   | 15177    | 8.970 | ug/L  | 97       |
| 49) Dibromochloromethane      | 11.129 | 129  | 15859    | 5.026 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 13816    | 5.127 | ug/L  | 96       |
| 51) Chlorobenzene             | 11.654 | 112  | 57222    | 5.190 | ug/L  | 96       |
| 52) Ethylbenzene              | 11.727 | 91   | 101852   | 5.066 | ug/L  | 97       |
| 53) m,p-Xylene                | 11.837 | 106  | 36546    | 4.888 | ug/L  | 99       |
| 54) o-Xylene                  | 12.160 | 106  | 34557    | 4.964 | ug/L  | 99       |
| 55) Styrene                   | 12.178 | 104  | 57339    | 4.839 | ug/L  | 94       |
| 57) 1,1,2,2-Tetrachloroethane | 12.715 | 83   | 17401    | 5.208 | ug/L  | 98       |
| 59) Bromoform                 | 12.349 | 173  | 8565     | 4.817 | ug/L  | 99       |
| 60) Isopropylbenzene          | 12.458 | 105  | 97418    | 4.824 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 12286    | 4.989 | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 59515    | 4.624 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 72659    | 4.691 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 42359    | 4.944 | ug/L  | 95       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 45561    | 5.227 | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 37767    | 5.011 | ug/L  | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 2759     | 4.889 | ug/L  | 92       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 30526    | 5.177 | ug/L  | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180  | 22860    | 4.965 | ug/L  | 92       |
| 71) Naphthalene               | 15.360 | 128  | 36638    | 4.496 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 20513    | 5.021 | ug/L  | 99       |

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

