

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV112322\  
Data File : VV029299.D  
Acq On : 23 Nov 2022 16:59  
Operator : SY/MD  
Sample : VSTD00512  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

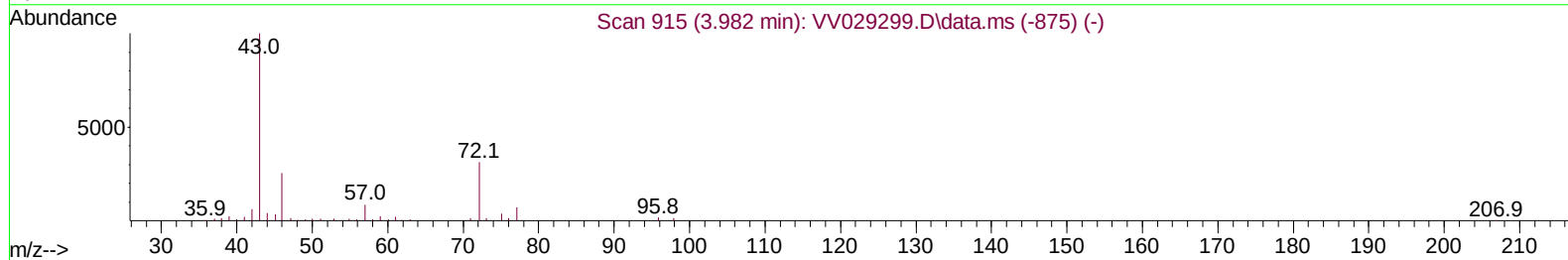
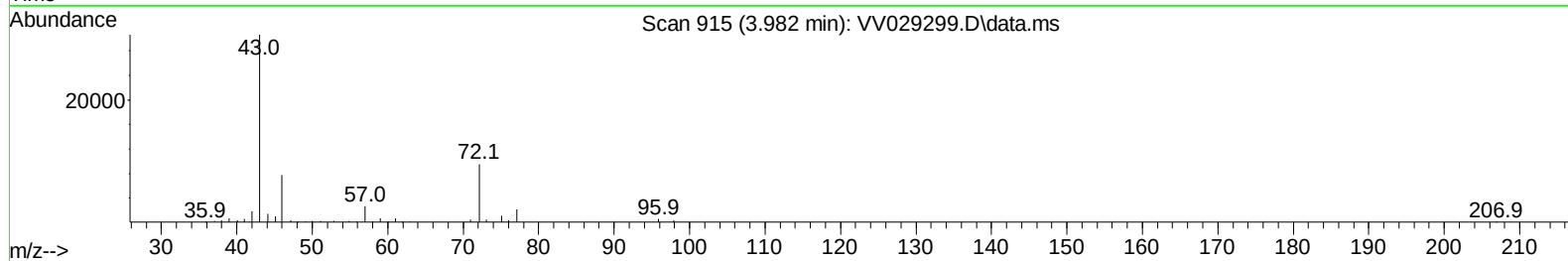
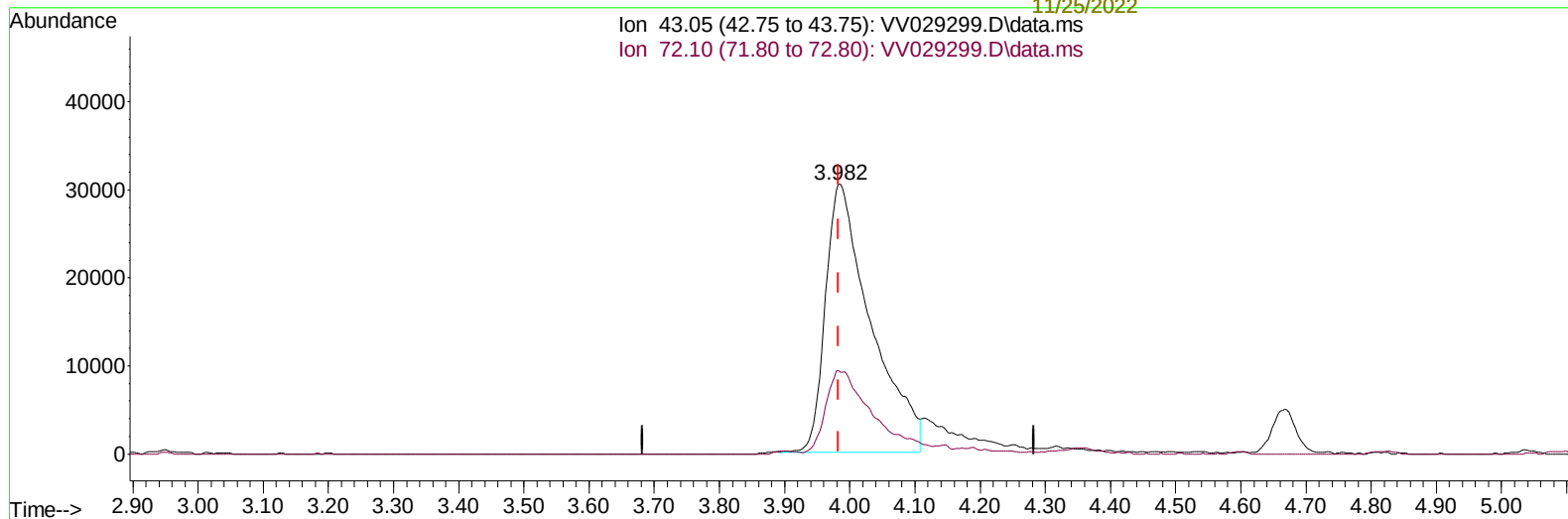
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00512

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/25/2022

Supervised By :Mahesh  
Dadoda  
11/25/2022

Quant Time: Nov 24 01:09:00 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112322WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 24 01:07:52 2022  
Response via : Initial Calibration



TIC: VV029299.D\data.ms

## (21) 2-Butanone (T)

3.982min ( 0.000) 45.05 ug/L

response 147418

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 27.50  | 31.20  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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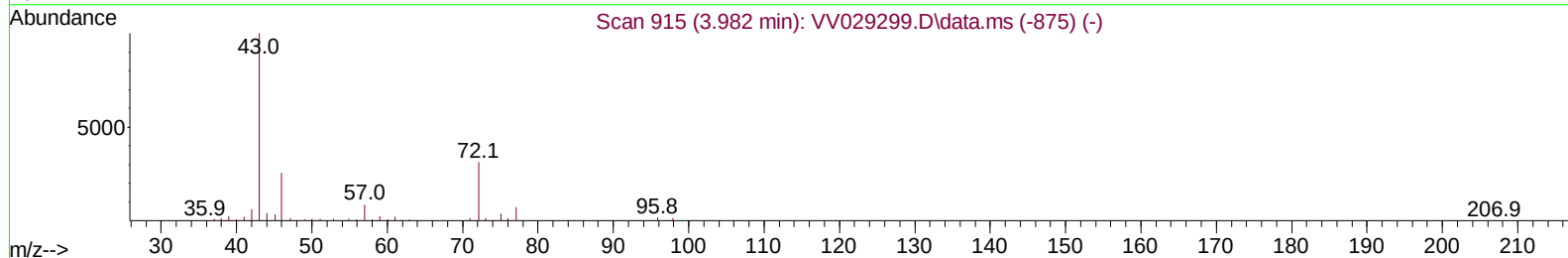
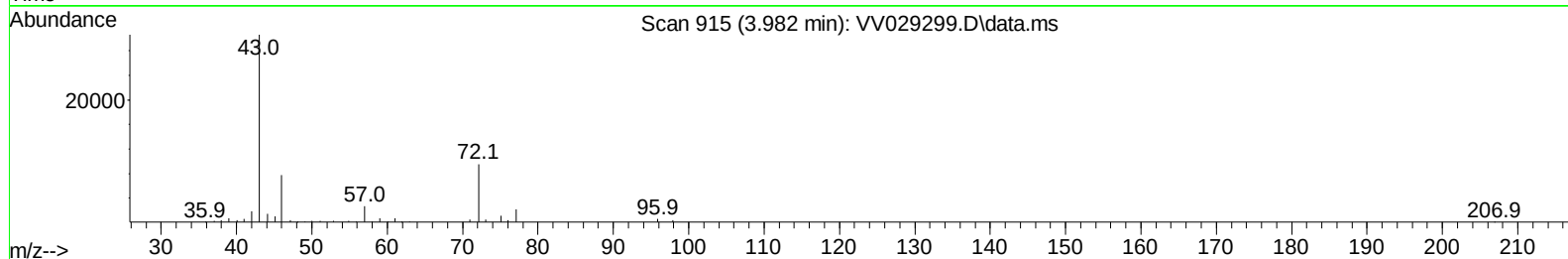
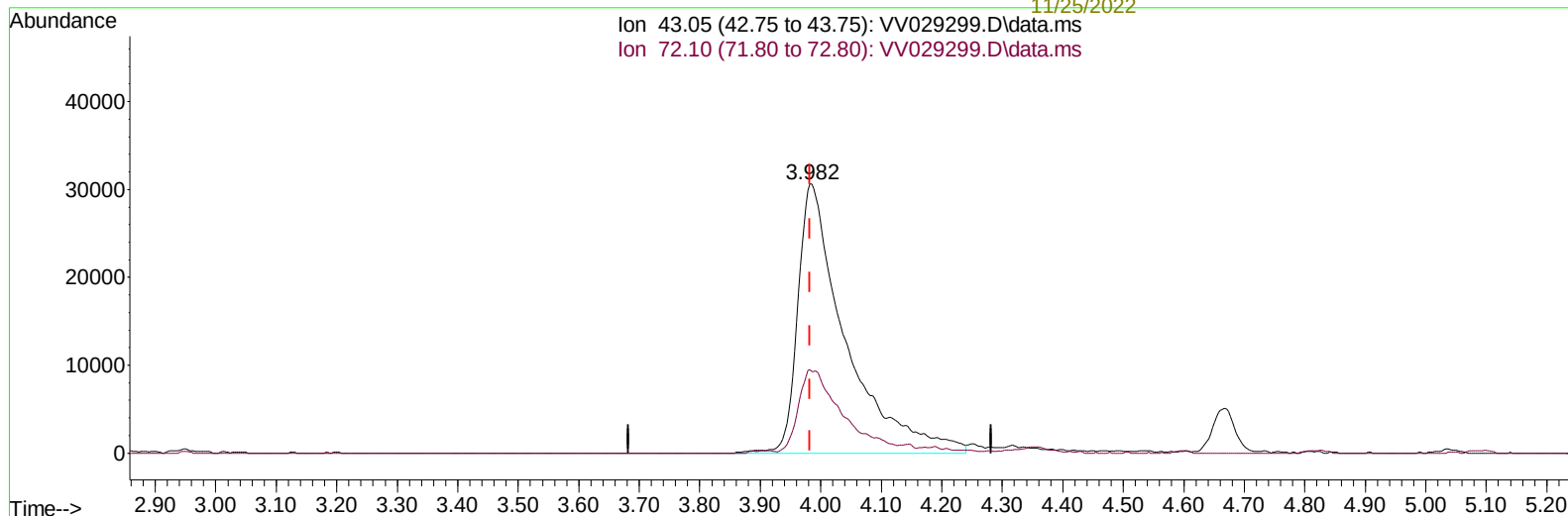
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD005212

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Dadoda  
11/25/2022

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TIC: VV029299.D\data.ms

## (21) 2-Butanone (T)

3.982min ( 0.000) 51.30 ug/L m

response 167871

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 27.50  | 27.40  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Instrument :  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.609  | 114  | 278587   | 5.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.844  | 117  | 231263   | 5.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239 | 152  | 125364   | 5.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65   | 88034    | 5.135  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.561  | 69   | 66200    | 5.275  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63   | 140187   | 5.110  | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 3.902  | 46   | 156804   | 54.790 | ug/L   | 0.00     |
| 24) Chloroform-d              | 4.336  | 84   | 161465   | 5.276  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.024  | 65   | 71445    | 5.306  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.040  | 84   | 345895   | 5.412  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.059  | 67   | 97344    | 5.420  | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.307  | 98   | 331648   | 5.498  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.612  | 79   | 38569    | 5.570  | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.085  | 63   | 137659   | 55.772 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84   | 60576    | 5.466  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.612 | 152  | 114899   | 5.246  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.124  | 85   | 102343   | 4.924  | ug/L   | 100      |
| 3) Chloromethane              | 1.236  | 50   | 90466    | 4.750  | ug/L   | 100      |
| 5) Vinyl chloride             | 1.304  | 62   | 93840    | 4.945  | ug/L   | 100      |
| 6) Bromomethane               | 1.516  | 94   | 60167    | 5.081  | ug/L   | 100      |
| 8) Chloroethane               | 1.577  | 64   | 56175    | 4.980  | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.748  | 101  | 131008   | 4.932  | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101  | 72685    | 4.907  | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 2.111  | 96   | 71070    | 4.961  | ug/L   | 100      |
| 13) Acetone                   | 2.195  | 43   | 98254    | 47.140 | ug/L   | 100      |
| 14) Carbon disulfide          | 2.285  | 76   | 200886   | 4.826  | ug/L   | 100      |
| 15) Methyl Acetate            | 2.436  | 43   | 26588    | 4.394  | ug/L   | 100      |
| 16) Methylene chloride        | 2.497  | 84   | 88895    | 4.061  | ug/L   | 100      |
| 17) Methyl tert-butyl Ether   | 2.760  | 73   | 182408   | 4.981  | ug/L   | 100      |
| 18) trans-1,2-Dichloroethene  | 2.751  | 96   | 81826    | 4.977  | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 3.178  | 63   | 149249   | 5.044  | ug/L   | 100      |
| 21) 2-Butanone                | 3.982  | 43   | 167871m  | 51.305 | ug/L   |          |
| 22) cis-1,2-Dichloroethene    | 3.902  | 96   | 93127    | 4.952  | ug/L   | 100      |
| 23) Bromochloromethane        | 4.240  | 128  | 38741    | 5.143  | ug/L   | 100      |
| 25) Chloroform                | 4.365  | 83   | 155109   | 5.020  | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 5.124  | 62   | 80845    | 4.830  | ug/L   | 100      |
| 29) 1,1,1-Trichloroethane     | 4.596  | 97   | 135402   | 5.090  | ug/L   | 100      |
| 30) Cyclohexane               | 4.667  | 56   | 134543   | 5.117  | ug/L   | 100      |
| 31) Carbon tetrachloride      | 4.818  | 117  | 115755   | 5.146  | ug/L   | 100      |
| 33) Benzene                   | 5.092  | 78   | 351583   | 5.083  | ug/L   | 100      |
| 34) Trichloroethene           | 5.905  | 95   | 90278    | 5.116  | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.120  | 83   | 156185   | 5.244  | ug/L   | 100      |
| 37) 1,2-Dichloropropane       | 6.165  | 63   | 83486    | 5.124  | ug/L   | 100      |
| 38) Bromodichloromethane      | 6.503  | 83   | 99928    | 5.123  | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 7.018  | 75   | 125239   | 5.258  | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 401315   | 52.635 | ug/L   | 100      |
| 42) Toluene                   | 7.378  | 91   | 384703   | 5.182  | ug/L   | 100      |

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 Response via : Initial Calibration

Supervised By :Mahesh  
 Dadoda  
 11/25/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) trans-1,3-Dichloropropene | 7.641  | 75   | 98670    | 5.230  | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 7.831  | 97   | 56944    | 5.162  | ug/L  | 100      |
| 47) Tetrachloroethene         | 7.966  | 164  | 74000    | 5.116  | ug/L  | 100      |
| 48) 2-Hexanone                | 8.136  | 43   | 277784   | 51.943 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.236  | 129  | 65150    | 5.250  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.342  | 107  | 50818    | 5.279  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.873  | 112  | 232765   | 5.017  | ug/L  | 100      |
| 52) Ethylbenzene              | 9.001  | 91   | 395615   | 5.112  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.130  | 106  | 154815   | 5.071  | ug/L  | 100      |
| 54) o-Xylene                  | 9.535  | 106  | 151213   | 5.043  | ug/L  | 100      |
| 55) Styrene                   | 9.551  | 104  | 259924   | 5.135  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.233 | 83   | 58075    | 5.088  | ug/L  | 100      |
| 59) Bromoform                 | 9.722  | 173  | 32773    | 4.976  | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.921  | 105  | 410599   | 5.066  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.265 | 75   | 44190    | 5.082  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.529 | 105  | 356565   | 5.081  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.905 | 105  | 355420   | 5.035  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.169 | 146  | 190850   | 5.047  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.262 | 146  | 187036   | 5.000  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 11.632 | 146  | 174404   | 5.006  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.416 | 75   | 8332     | 4.880  | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 12.635 | 180  | 154532   | 4.960  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.249 | 180  | 125428   | 4.969  | ug/L  | 100      |
| 71) Naphthalene               | 13.493 | 128  | 97867    | 4.478  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.731 | 180  | 103271   | 5.025  | ug/L  | 100      |

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

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