

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW030524\  
 Data File : VW028090.D  
 Acq On : 05 Mar 2024 11:02  
 Operator : SY/MD  
 Sample : VW0305SBL01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Mar 05 23:59:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Mar 05 23:58:07 2024  
 Response via : Initial Calibration

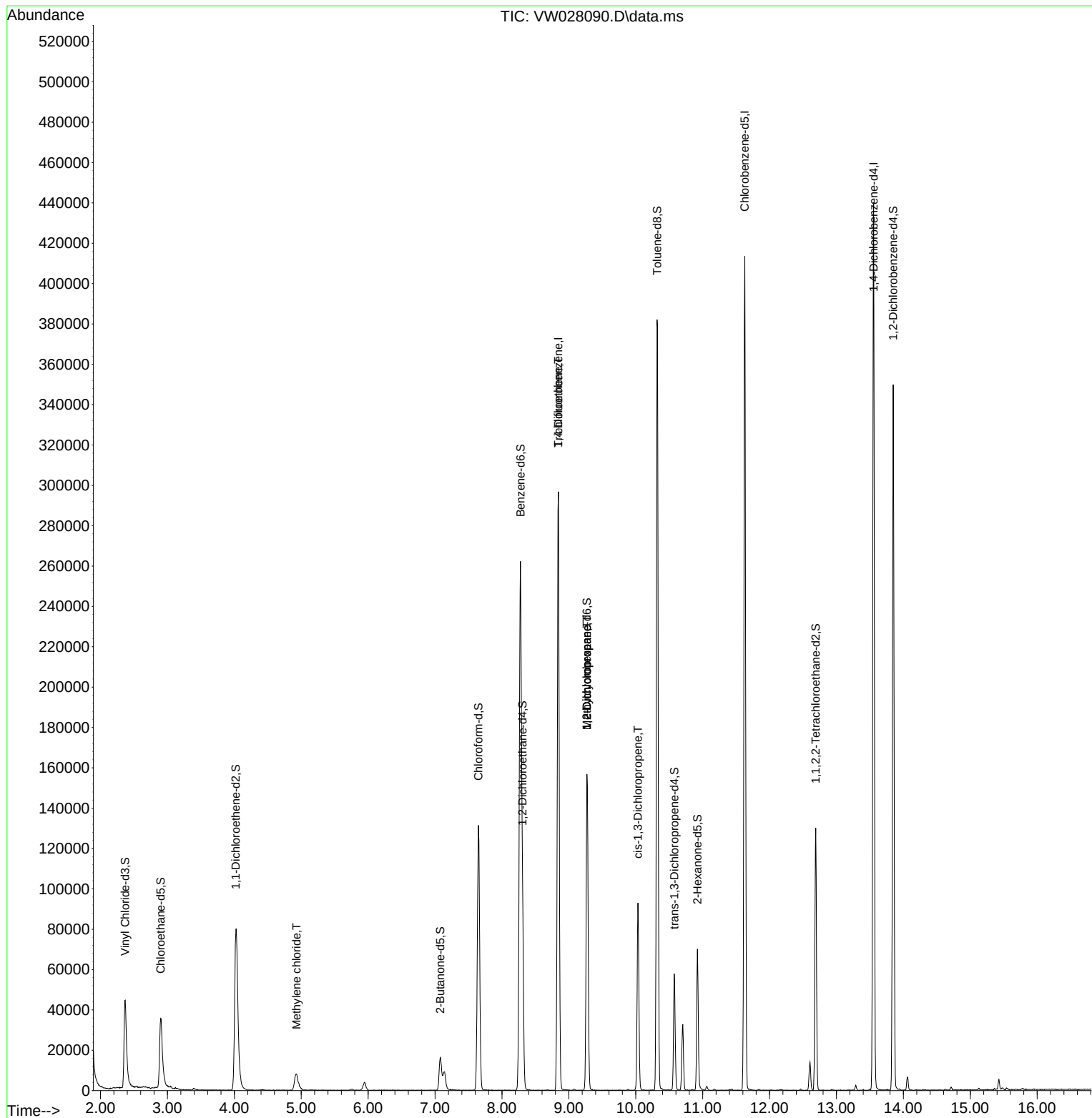
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 267231   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 248889   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 122974   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 74836    | 23.460   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 93.840%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 59459    | 24.061   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 96.240%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 30920    | 23.730   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 94.920%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 26629    | 58.519   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 117.040% |
| 24) Chloroform-d              | 7.648  | 84    | 137671   | 24.323   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 97.280%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 70562    | 26.787   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 107.160% |
| 32) Benzene-d6                | 8.276  | 84    | 287482   | 24.743   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 98.960%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 76002    | 25.318   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 101.280% |
| 41) Toluene-d8                | 10.319 | 98    | 269819   | 24.642   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 98.560%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 34660    | 26.347   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 105.400% |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 25044    | 59.229   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 118.460% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 64664    | 27.293   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 109.160% |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 94732    | 25.902   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 103.600% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.929  | 84    | 9296     | 2.529    | ug/L   | 92       |
| 34) Trichloroethene           | 8.843  | 95    | 8097     | 2.055    | ug/L # | 4        |
| 35) Methylcyclohexane         | 9.270  | 83    | 19915    | 3.123    | ug/L # | 23       |
| 37) 1,2-Dichloropropane       | 9.270  | 63    | 8777     | 2.803    | ug/L # | 84       |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 2429     | 0.472    | ug/L # | 78       |
| -----                         |        |       |          |          |        |          |

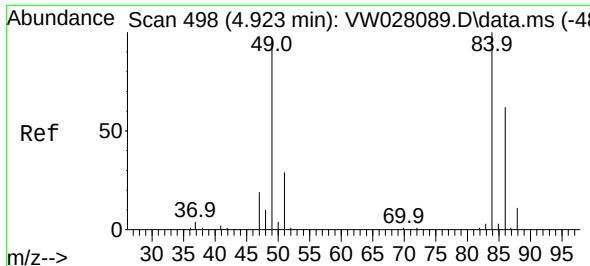
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA\_W  
ClientSampleId :

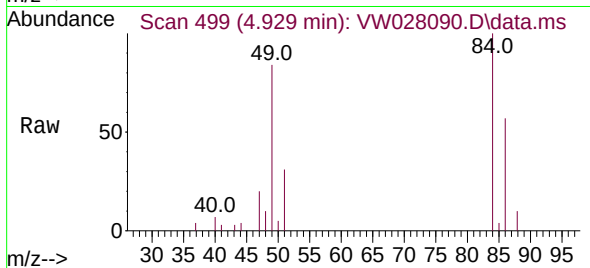
Quant Time: Mar 05 23:59:05 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022924SMA.M  
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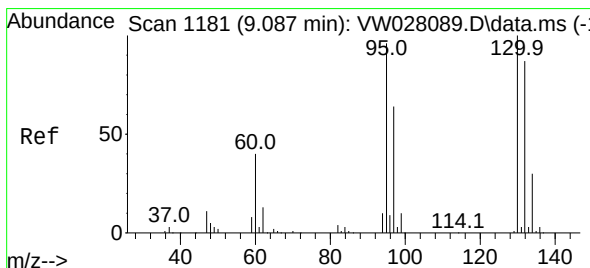
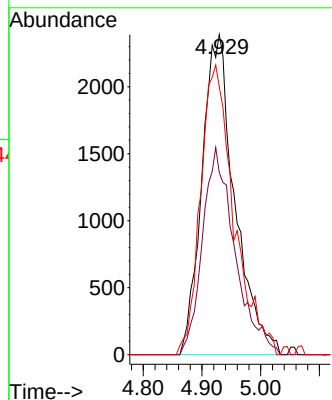
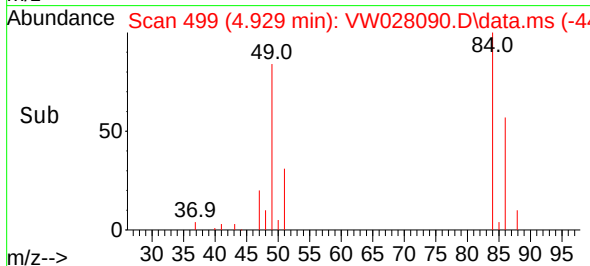


#16  
Methylene chloride  
Concen: 2.529 ug/L  
RT: 4.929 min Scan# 499  
Delta R.T. 0.006 min  
Lab File: VW028090.D  
Acq: 05 Mar 2024 11:02

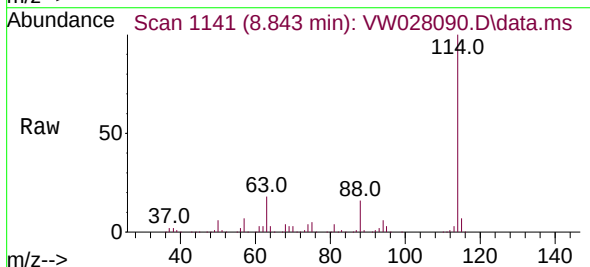
Instrument :  
MSVOA\_W  
ClientSampleId :



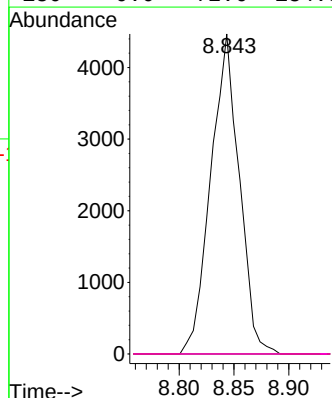
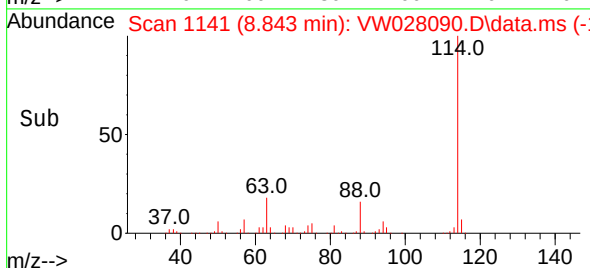
Tgt Ion: 84 Resp: 9296  
Ion Ratio Lower Upper  
84 100  
86 56.9 41.2 76.6  
49 83.8 66.5 123.5

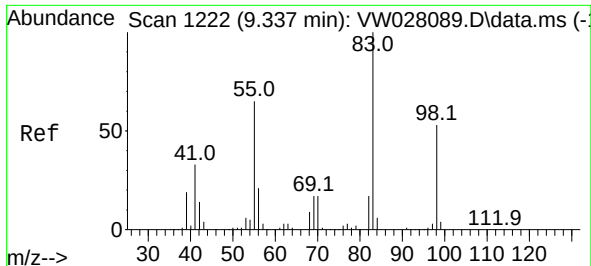


#34  
Trichloroethene  
Concen: 2.055 ug/L  
RT: 8.843 min Scan# 1141  
Delta R.T. -0.244 min  
Lab File: VW028090.D  
Acq: 05 Mar 2024 11:02



Tgt Ion: 95 Resp: 8097  
Ion Ratio Lower Upper  
95 100  
97 0.0 44.5 82.7#  
132 0.0 68.3 126.9#  
130 0.0 72.6 134.8#





#35

Methylcyclohexane

Concen: 3.123 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.067 min

Lab File: VW028090.D

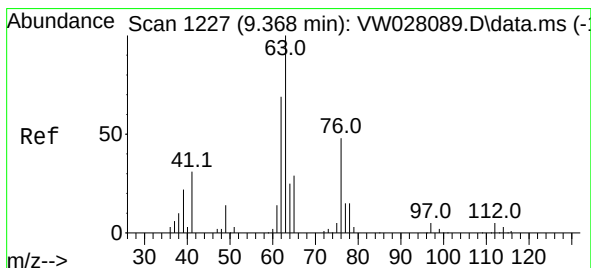
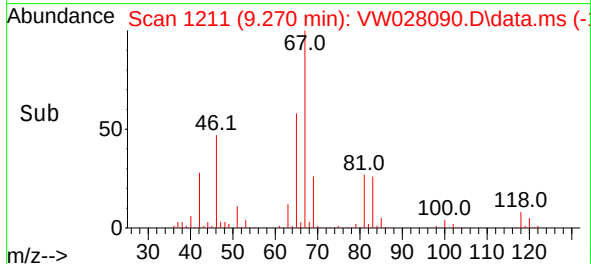
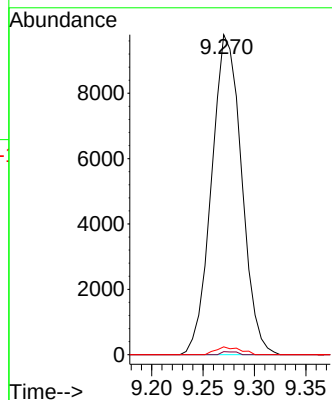
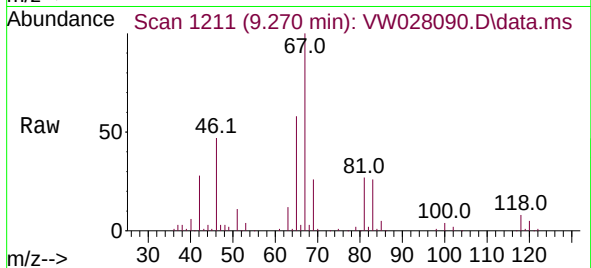
Acq: 05 Mar 2024 11:02

Instrument :

MSVOA\_W

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 19915 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.5   | 52.1  | 78.1# |
| 98       | 2.0   | 42.2  | 63.4# |



#37

1,2-Dichloropropane

Concen: 2.803 ug/L

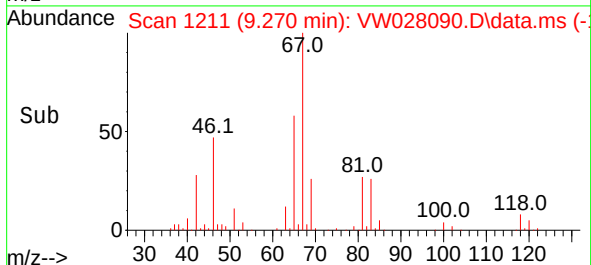
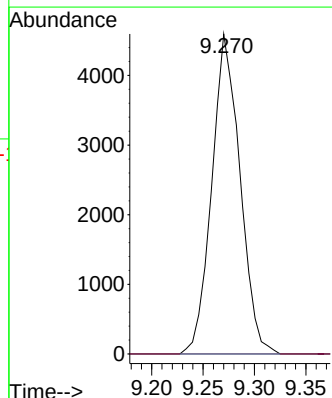
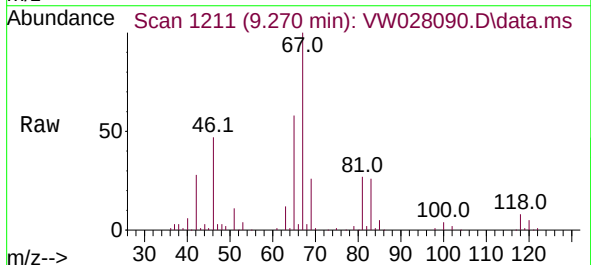
RT: 9.270 min Scan# 1211

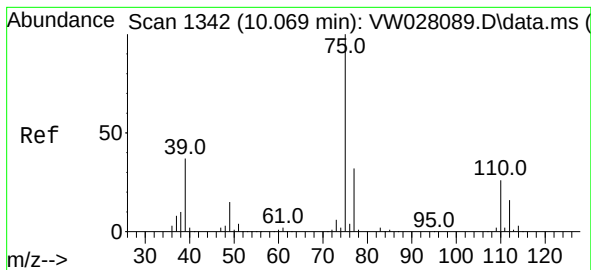
Delta R.T. -0.097 min

Lab File: VW028090.D

Acq: 05 Mar 2024 11:02

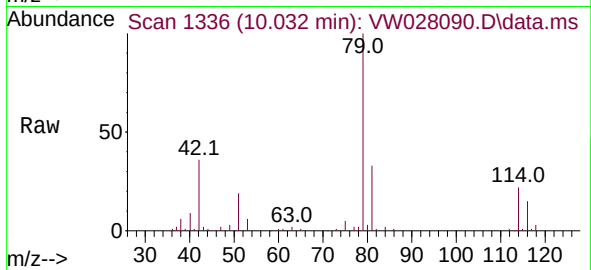
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 8777  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.0   | 4.4   | 6.6#  |





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.472 ug/L  
 RT: 10.032 min Scan# 14  
 Delta R.T. -0.037 min  
 Lab File: VW028090.D  
 Acq: 05 Mar 2024 11:02

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion: 75 Resp: 2429  
 Ion Ratio Lower Upper  
 75 100  
 77 43.3 21.7 40.3#

