

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031524\  
 Data File : VX040659.D  
 Acq On : 15 Mar 2024 17:10  
 Operator : JC/MD  
 Sample : P1753-18  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCL36

Quant Time: Mar 16 02:54:47 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML030724WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 16 01:57:16 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :John Carlone 03/18/2024  
 Supervised By :Semsettin Yesilyurt 03/19/2024

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 146357     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 139611     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018         | 152  | 57439      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 46166      | 35.984   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 71.960%  |        |          |
| 7) Chloroethane-d5            | 1.666          | 69   | 43583      | 42.551   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 85.100%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.306          | 65   | 22154      | 37.512   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 75.020%  |        |          |
| 21) 2-Butanone-d5             | 4.452          | 46   | 94533      | 96.022   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 96.020%  |        |          |
| 24) Chloroform-d              | 5.056          | 84   | 108320     | 45.464   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.920%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 80362      | 45.178   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.360%  |        |          |
| 32) Benzene-d6                | 5.976          | 84   | 184609     | 43.100   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.200%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.306          | 67   | 59841      | 45.079   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 90.160%  |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 168332     | 40.780   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 81.560%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 29722      | 42.068   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 84.140%  |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 67101      | 91.609   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 91.610%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 84756      | 42.644   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 85.280%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 61122      | 50.807   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.620% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 2.373          | 43   | 398256     | 566.481  | ug/L   | 99       |
| 22) 2-Butanone                | 4.574          | 43   | 5184m      | 5.569    | ug/L   |          |
| -----                         |                |      |            |          |        |          |

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

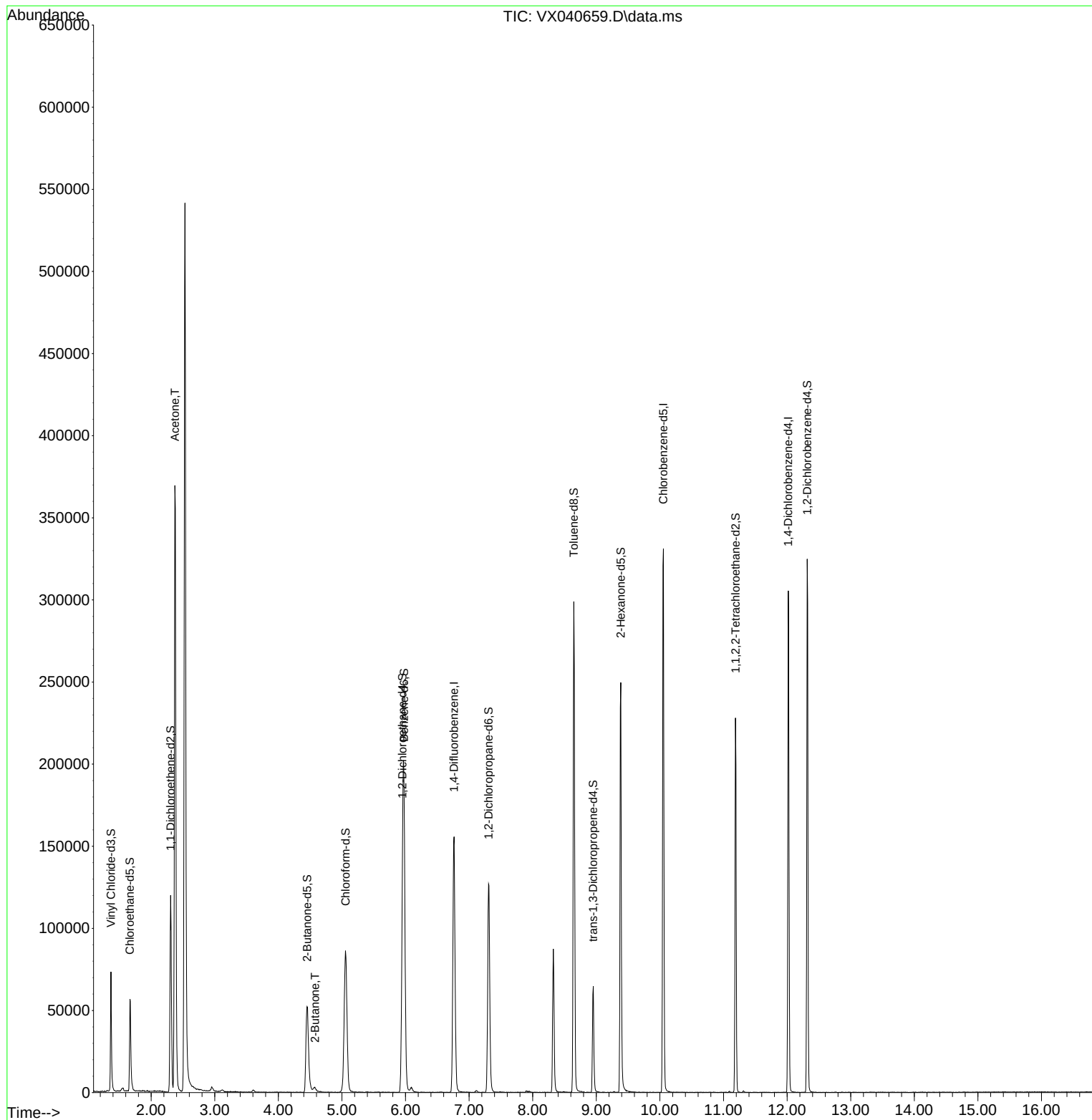
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031524\  
Data File : VX040659.D  
Acq On : 15 Mar 2024 17:10  
Operator : JC/MD  
Sample : P1753-18  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 21 Sample Multiplier: 1

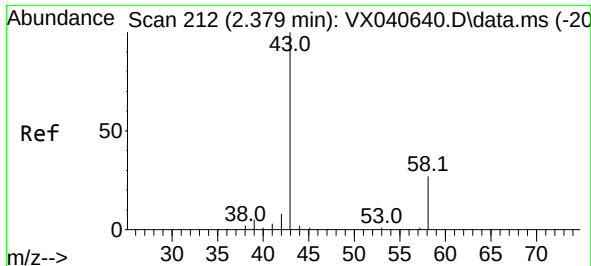
Instrument :  
MSVOA\_X  
ClientSampleId :  
YCL36

Quant Time: Mar 16 02:54:47 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML030724WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Mar 16 01:57:16 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By : John Carlone 03/18/2024  
Supervised By : Semsettin Yesilyurt 03/19/2024





#13

Acetone

Concen: 566.481 ug/L

RT: 2.373 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX040659.D

Acq: 15 Mar 2024 17:10

Instrument :

MSVOA\_X

ClientSampleId :

YCL36

Tgt Ion: 43 Resp: 398250

Ion Ratio Lower Upper

43 100

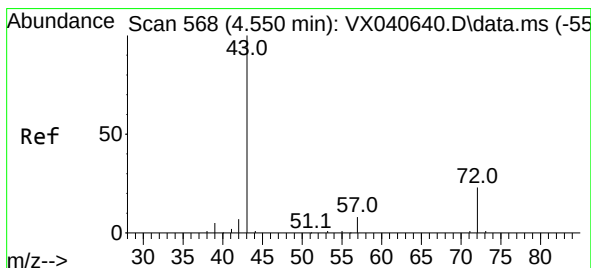
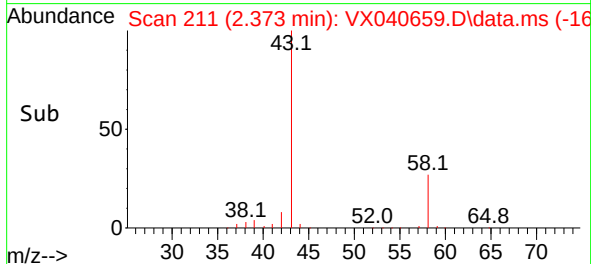
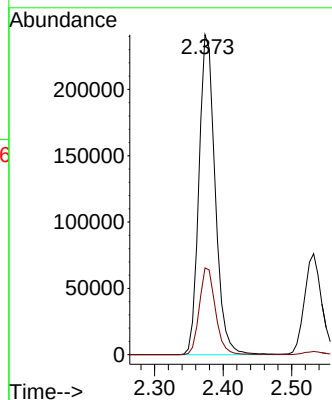
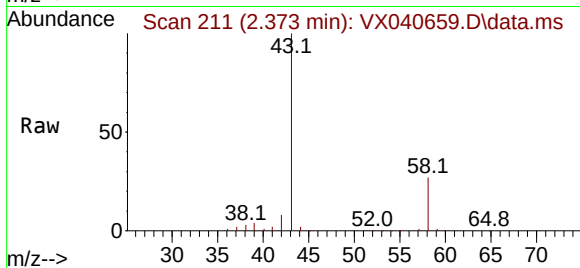
58 26.9 0.0 54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Semsettin Yesilyurt 03/19/2024



#22

2-Butanone

Concen: 5.569 ug/L m

RT: 4.574 min Scan# 572

Delta R.T. 0.024 min

Lab File: VX040659.D

Acq: 15 Mar 2024 17:10

Tgt Ion: 43 Resp: 5184

Ion Ratio Lower Upper

43 100

72 2.2 12.4 37.2#

