

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032823\  
 Data File : VU053440.D  
 Acq On : 28 Mar 2023 17:50  
 Operator : JC/MD  
 Sample : 02037-10  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E45F1

Quant Time: Mar 29 01:13:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM031523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 29 01:10:06 2023  
 Response via : Initial Calibration

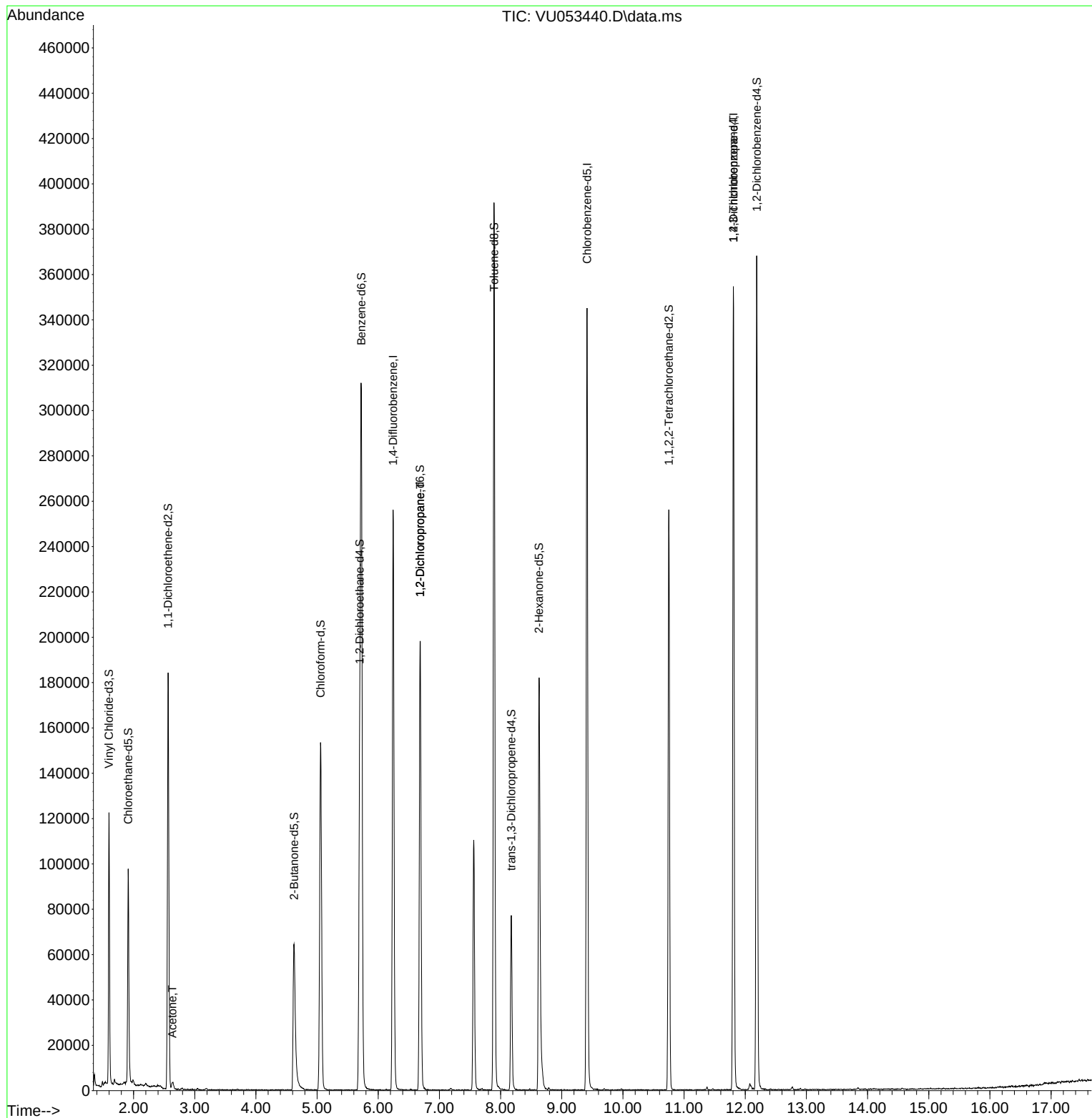
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|--------|-----------|
| -----                         |         |       |          |          |        |           |
| Internal Standards            |         |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.243   | 114   | 201569   | 50.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.414   | 117   | 189803   | 50.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.806  | 152   | 90620    | 50.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |         |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 85499    | 45.977   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 91.960%   |
| 7) Chloroethane-d5            | 1.912   | 69    | 68581    | 45.594   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 91.180%   |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63    | 107096   | 33.245   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 66.500%   |
| 21) 2-Butanone-d5             | 4.623   | 46    | 104973   | 121.710  | ug/L   | 0.00      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 121.710%  |
| 24) Chloroform-d              | 5.057   | 84    | 137493   | 44.891   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.780%   |
| 26) 1,2-Dichloroethane-d4     | 5.697   | 65    | 93048    | 48.917   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.840%   |
| 32) Benzene-d6                | 5.722   | 84    | 281984   | 45.804   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.600%   |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67    | 96467    | 48.551   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 97.100%   |
| 41) Toluene-d8                | 7.893   | 98    | 254436   | 44.391   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 88.780%   |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 42399    | 43.250   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.500%   |
| 47) 2-Hexanone-d5             | 8.629   | 63    | 60655    | 97.644   | ug/L   | 0.00      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 97.640%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751  | 84    | 127552   | 49.556   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 99.120%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.188  | 152   | 92027    | 52.447   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 104.900%  |
| Target Compounds              |         |       |          |          |        |           |
| 13) Acetone                   | 2.636   | 43    | 2702     | 2.751    | ug/L   | Qvalue 80 |
| 37) 1,2-Dichloropropane       | 6.687   | 63    | 10335    | 5.629    | ug/L # | 90        |
| 60) 1,2,3-Trichloropropane    | 11.806  | 75    | 11906    | 6.612    | ug/L # | 68        |
| -----                         |         |       |          |          |        |           |

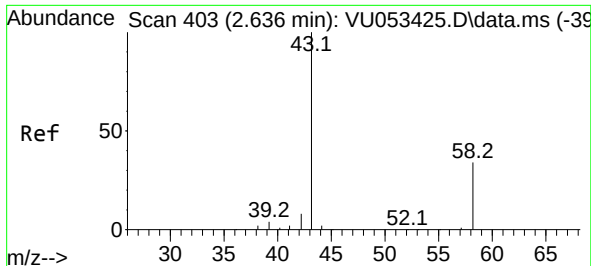
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.751 ug/L

RT: 2.636 min Scan# 403

Delta R.T. -0.000 min

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Instrument :

MSVOA\_U

ClientSampleId :

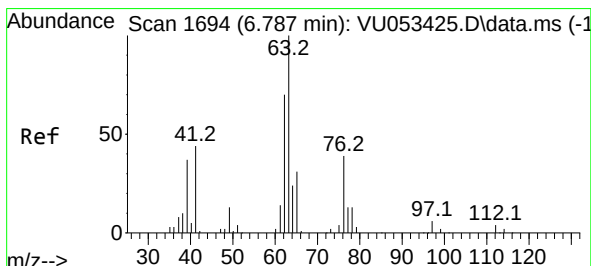
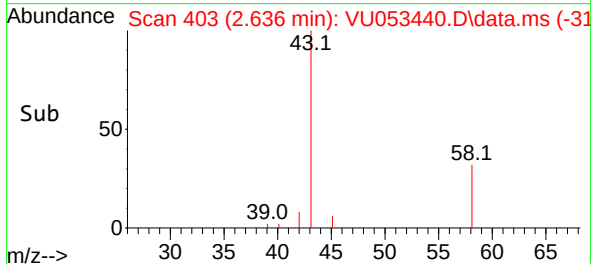
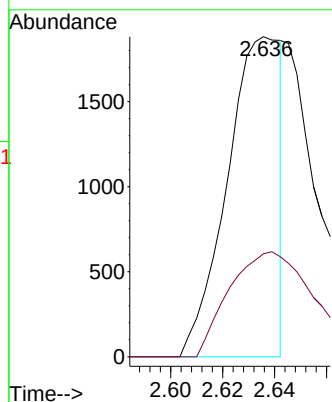
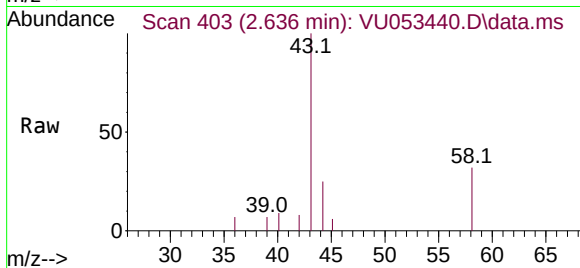
E45F1

Tgt Ion: 43 Resp: 2702

Ion Ratio Lower Upper

43 100

58 49.4 0.0 75.0



#37

1,2-Dichloropropane

Concen: 5.629 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053440.D

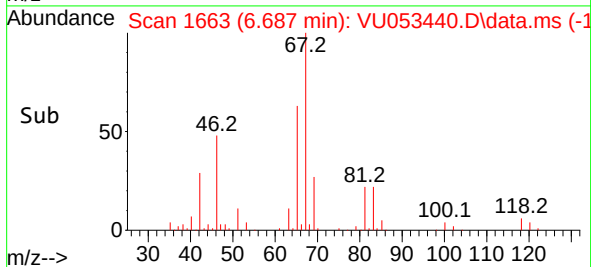
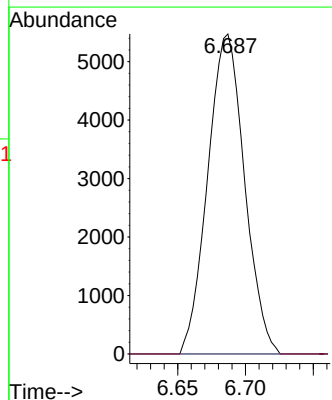
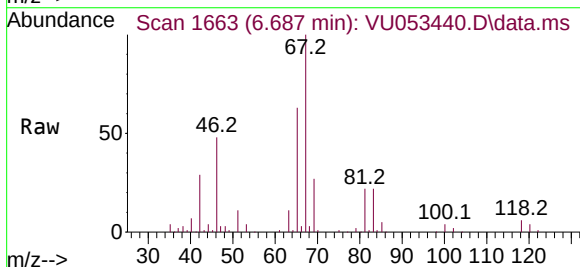
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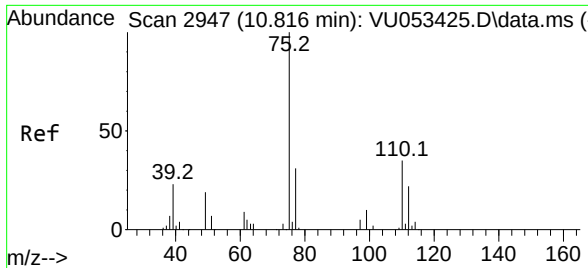
Tgt Ion: 63 Resp: 10335

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#60  
 1,2,3-Trichloropropane  
 Concen: 6.612 ug/L  
 RT: 11.806 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU053440.D  
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 ClientSampleId :  
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|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 11906      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 30.7  | 26.6 40.0  |
| 110         | 2.4   | 28.6 42.8# |

