

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121523\  
 Data File : VU056906.D  
 Acq On : 16 Dec 2023 02:29  
 Operator : MD/SY  
 Sample : 05809-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F7C55

Quant Time: Dec 16 05:13:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 15 01:53:53 2023  
 Response via : Initial Calibration

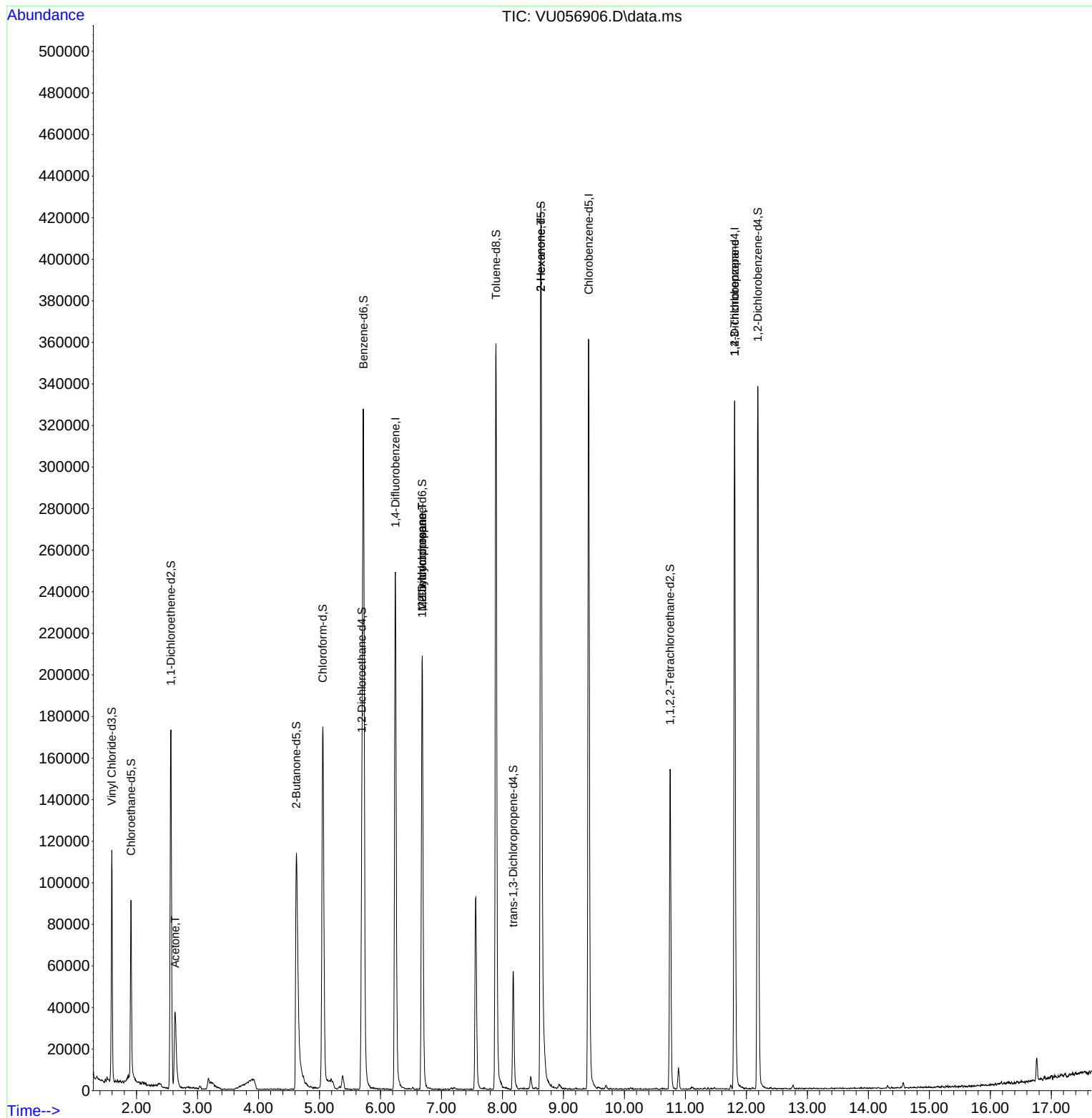
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 202824   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 214708   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 91059    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 76994    | 4.429    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 88.600%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 62391    | 4.796    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 33647    | 4.523    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 90.400%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 196397   | 57.203   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 114.400% |
| 24) Chloroform-d              | 5.055  | 84    | 169039   | 5.135    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.600% |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 84296    | 5.411    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 108.200% |
| 32) Benzene-d6                | 5.721  | 84    | 310604   | 4.664    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 101654   | 4.877    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.600%  |
| 41) Toluene-d8                | 7.894  | 98    | 246728   | 4.145    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.000%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 34786    | 4.303    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.000%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 149818   | 49.140   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 98.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 78647    | 5.215    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 104.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 91471    | 5.110    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.200% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.634  | 43    | 56280    | 26.898   | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.685  | 83    | 23978    | 0.785    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 11486    | 0.595    | ug/L # | 89       |
| 48) 2-Hexanone                | 8.631  | 43    | 19210    | 2.943    | ug/L # | 77       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 10839    | 1.109    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

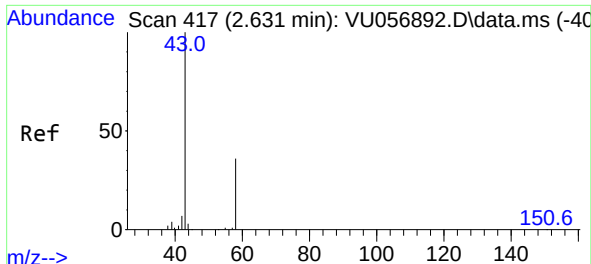
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 26.898 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU056906.D

Acq: 16 Dec 2023 02:29

Instrument :

MSVOA\_U

ClientSampleId :

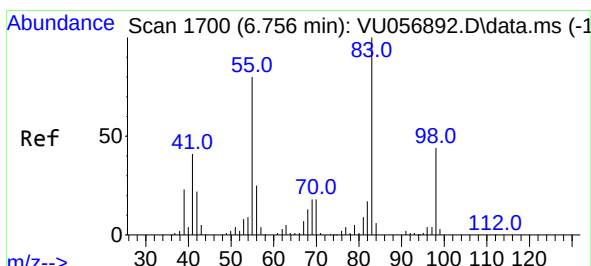
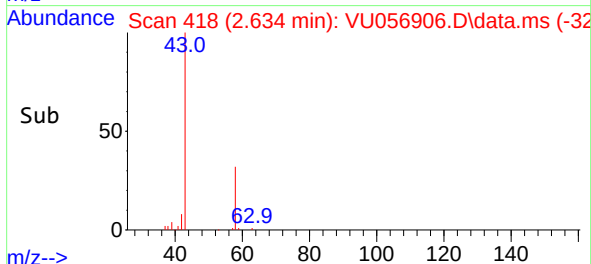
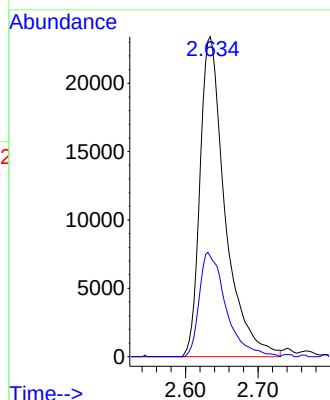
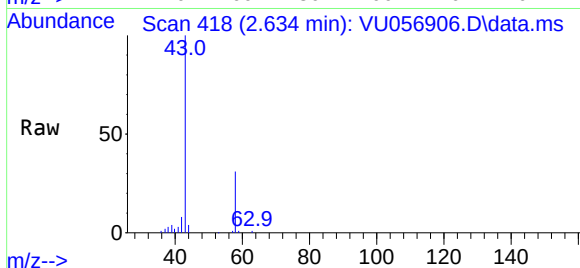
F7C55

Tgt Ion: 43 Resp: 56280

Ion Ratio Lower Upper

43 100

58 34.5 0.0 72.6



#35

Methylcyclohexane

Concen: 0.785 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056906.D

Acq: 16 Dec 2023 02:29

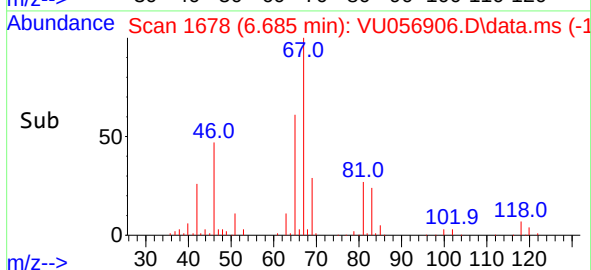
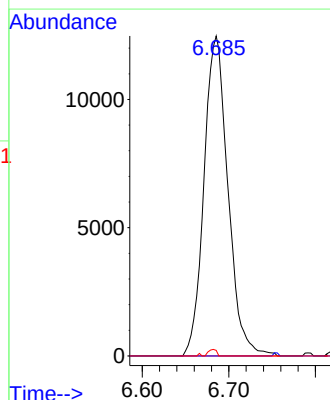
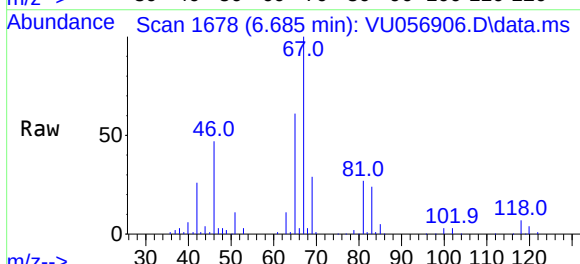
Tgt Ion: 83 Resp: 23978

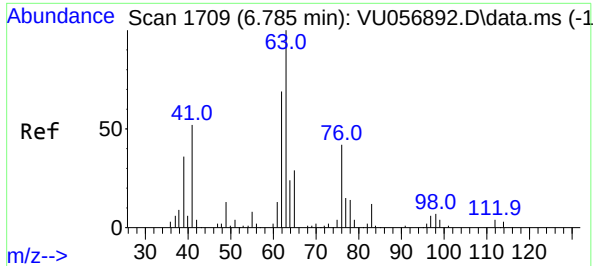
Ion Ratio Lower Upper

83 100

55 0.2 64.6 97.0#

98 0.7 36.1 54.1#

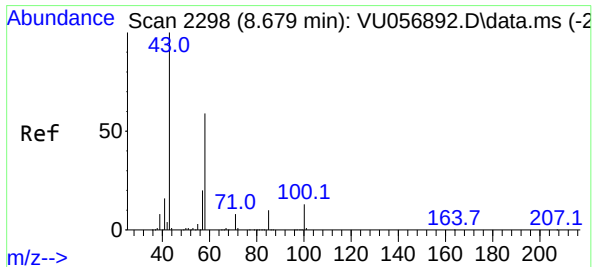
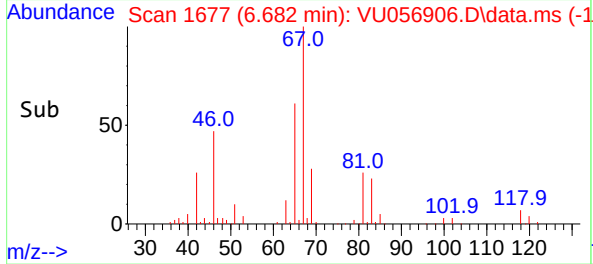
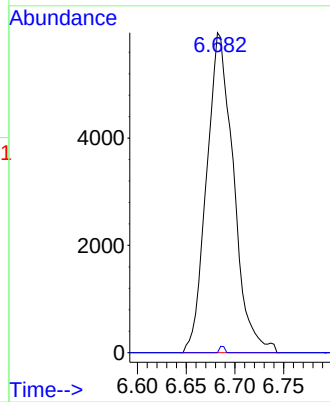
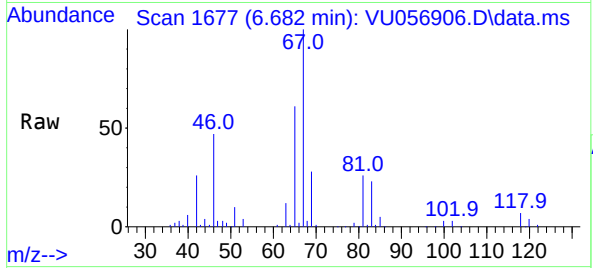




#37  
1,2-Dichloropropane  
Concen: 0.595 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.103 min  
Lab File: VU056906.D  
Acq: 16 Dec 2023 02:29

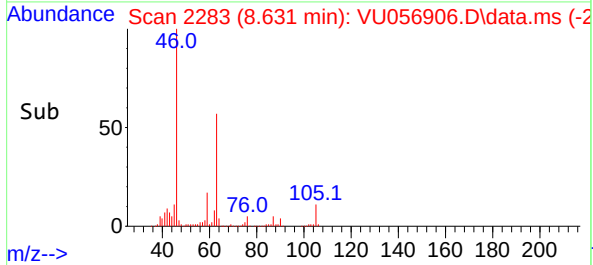
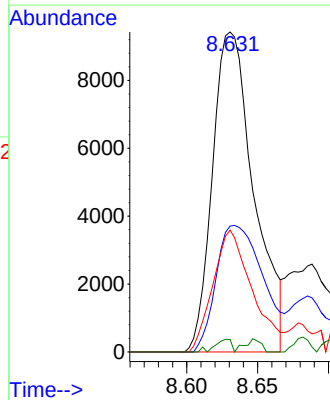
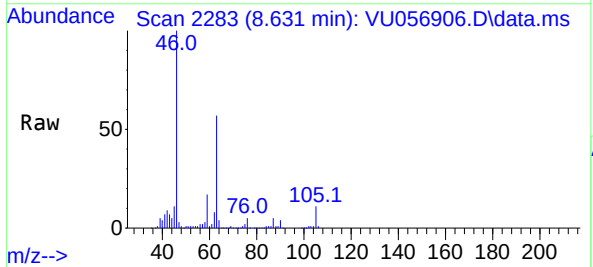
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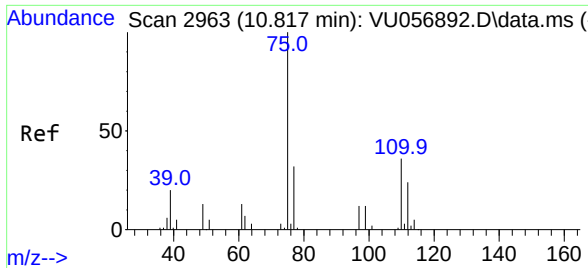
Tgt Ion: 63 Resp: 11486  
Ion Ratio Lower Upper  
63 100  
112 0.4 3.3 4.9#



#48  
2-Hexanone  
Concen: 2.943 ug/L  
RT: 8.631 min Scan# 2283  
Delta R.T. -0.048 min  
Lab File: VU056906.D  
Acq: 16 Dec 2023 02:29

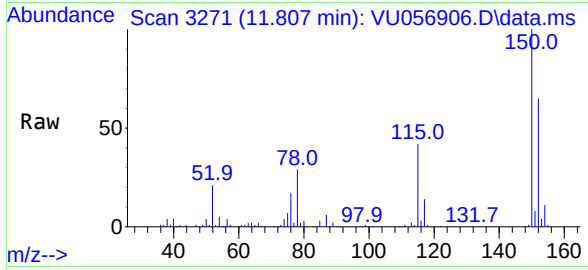
Tgt Ion: 43 Resp: 19210  
Ion Ratio Lower Upper  
43 100  
58 45.3 47.5 71.3#  
57 36.3 17.0 25.4#  
100 1.6 9.8 14.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.109 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU056906.D  
 Acq: 16 Dec 2023 02:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F7C55



Tgt Ion: 75 Resp: 10839

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 2.2   | 28.4  | 42.6# |
| 77  | 30.8  | 26.3  | 39.5  |

