

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122223\  
 Data File : VU057226.D  
 Acq On : 23 Dec 2023 06:40  
 Operator : MD/SY  
 Sample : 05979-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 25 00:16:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Dec 23 00:27:07 2023  
 Response via : Initial Calibration

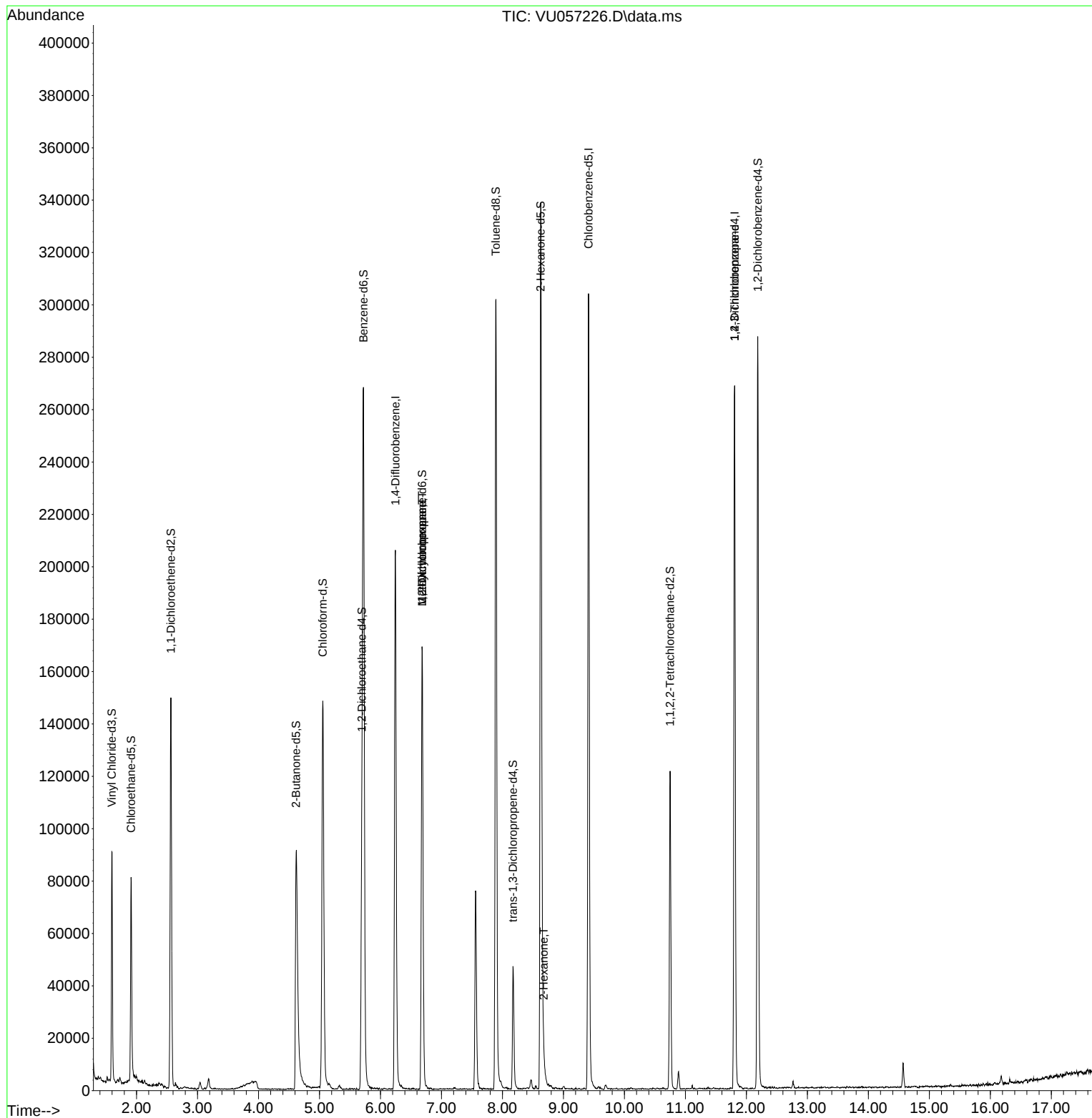
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 166366   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 171209   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 74541    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 64324    | 4.045  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 81.000%  |          |
| 7) Chloroethane-d5            | 1.911  | 69             | 56406    | 4.309  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 86.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 29075    | 4.220  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 84.400%  |          |
| 20) 2-Butanone-d5             | 4.618  | 46             | 138686   | 55.549 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 111.100% |          |
| 24) Chloroform-d              | 5.055  | 84             | 144579   | 4.708  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 70775    | 4.836  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 96.800%  |          |
| 32) Benzene-d6                | 5.721  | 84             | 257991   | 4.393  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 87.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 79729    | 4.771  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 95.400%  |          |
| 41) Toluene-d8                | 7.891  | 98             | 207059   | 3.862  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 77.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 28327    | 4.072  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 81.400%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 113206   | 47.798 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 95.600%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84             | 59819    | 5.031  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 100.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 74010    | 4.614  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 92.200%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 35) Methylcyclohexane         | 6.685  | 83             | 20058    | 0.960  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.685  | 63             | 8509     | 0.630  | ug/L #   | 89       |
| 48) 2-Hexanone                | 8.679  | 43             | 2793     | 0.647  | ug/L #   | 64       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 8585     | 1.236  | ug/L #   | 62       |

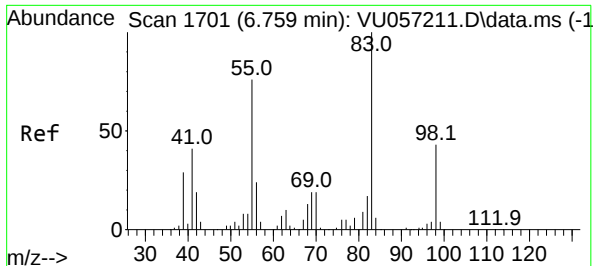
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.960 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057226.D

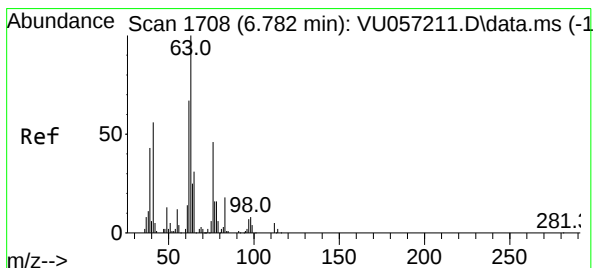
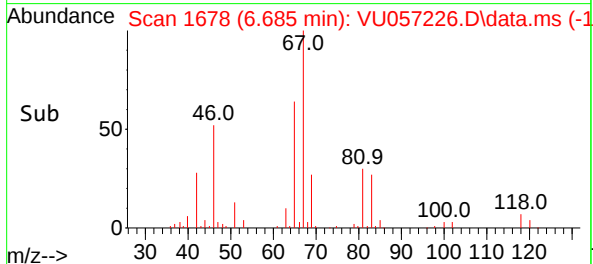
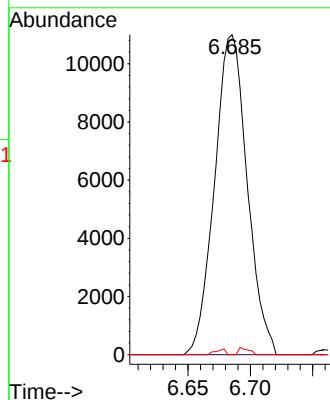
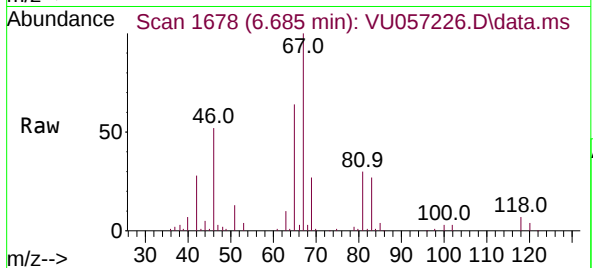
Acq: 23 Dec 2023 06:40

Instrument :

MSVOA\_U

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 20058 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.2      | 61.3 91.9#  |
| 98 0.7      | 36.6 55.0#  |



#37

1,2-Dichloropropane

Concen: 0.630 ug/L

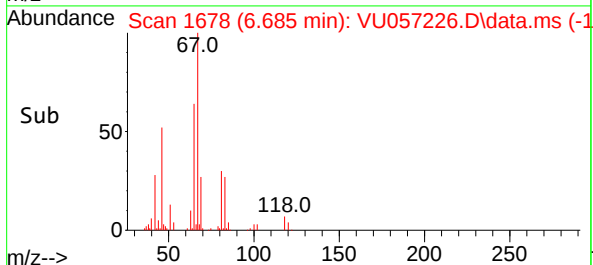
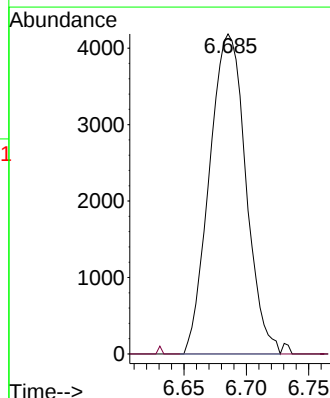
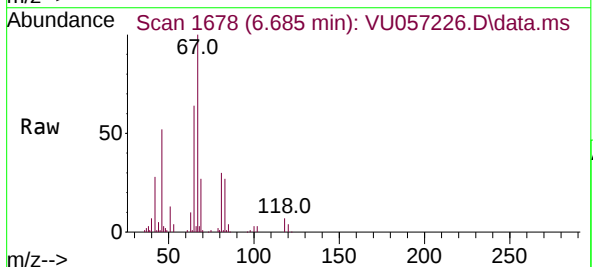
RT: 6.685 min Scan# 1678

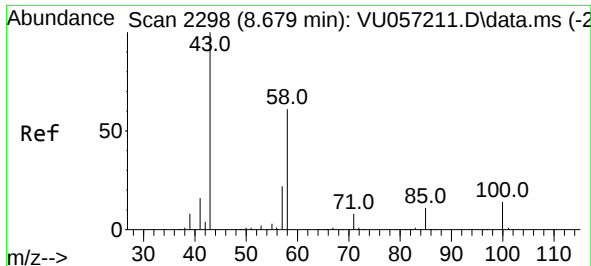
Delta R.T. -0.097 min

Lab File: VU057226.D

Acq: 23 Dec 2023 06:40

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 8509  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.2     | 3.1 4.7#    |

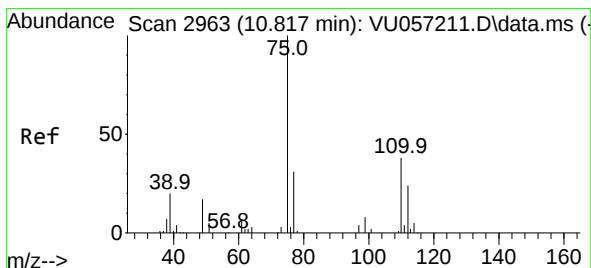
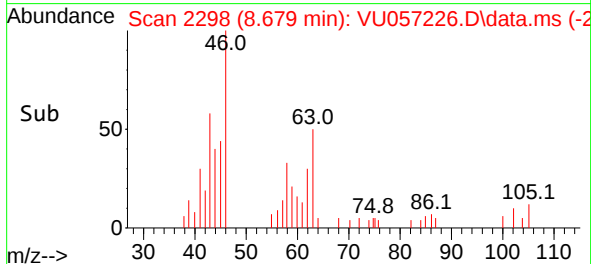
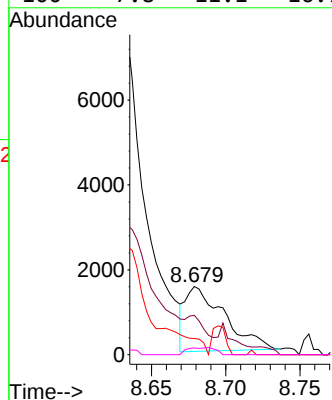
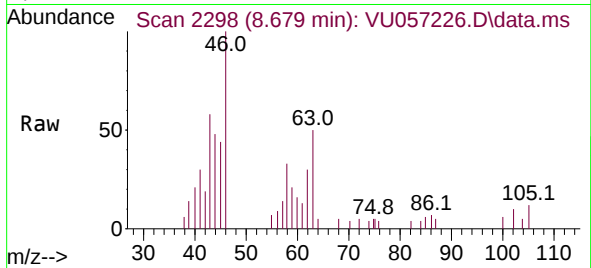




#48  
2-Hexanone  
Concen: 0.647 ug/L  
RT: 8.679 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU057226.D  
Acq: 23 Dec 2023 06:40

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Tgt Ion: 43 Resp: 2793  
Ion Ratio Lower Upper  
43 100  
58 25.0 49.8 74.8#  
57 14.9 18.5 27.7#  
100 7.8 11.1 16.7#



#61  
1,2,3-Trichloropropane  
Concen: 1.236 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU057226.D  
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Tgt Ion: 75 Resp: 8585  
Ion Ratio Lower Upper  
75 100  
110 2.1 31.2 46.8#  
77 37.5 25.5 38.3

