

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042023\  
 Data File : VU053810.D  
 Acq On : 20 Apr 2023 16:46  
 Operator : JC/MD  
 Sample : 02392-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHE23

Quant Time: Apr 21 04:21:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 19 04:58:28 2023  
 Response via : Initial Calibration

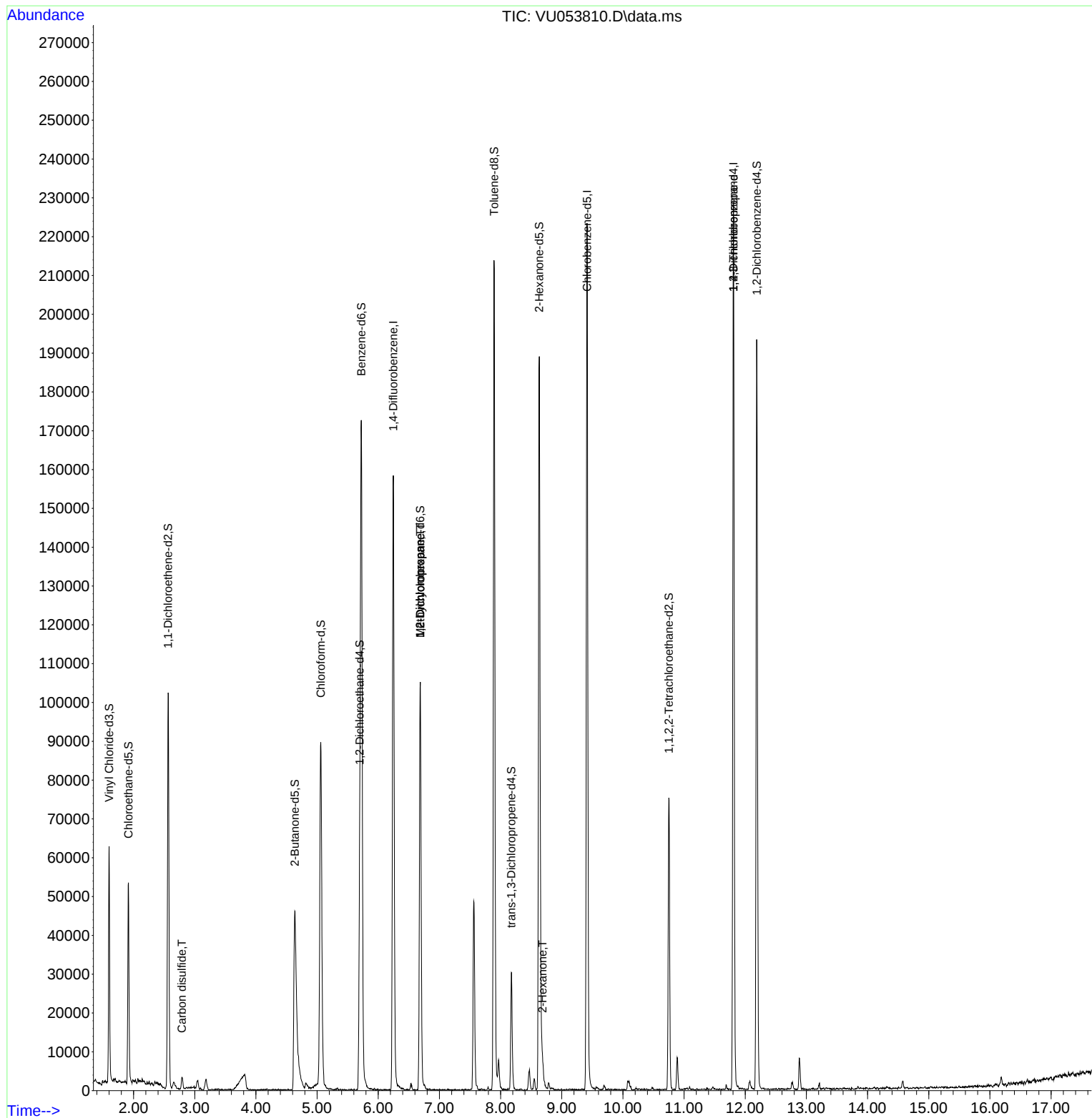
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 139696   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 130426   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 64587    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 45927    | 4.779    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 95.600%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 39073    | 4.480    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 18480    | 4.514    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 90.200%  |
| 20) 2-Butanone-d5             | 4.636  | 46    | 88441    | 40.172   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 80.340%  |
| 24) Chloroform-d              | 5.060  | 84    | 84156    | 4.724    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65    | 41845    | 4.583    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.600%  |
| 32) Benzene-d6                | 5.722  | 84    | 169869   | 4.596    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 52735    | 4.682    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.600%  |
| 41) Toluene-d8                | 7.893  | 98    | 150122   | 4.305    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.200%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 17746    | 4.106    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.200%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 69829    | 39.776   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 79.560%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 38161    | 4.070    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 81.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.188 | 152   | 53824    | 4.632    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 92.600%  |
| Target Compounds              |        |       |          |          |        |          |
| 14) Carbon disulfide          | 2.790  | 76    | 4164     | 0.179    | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.687  | 83    | 12123    | 0.759    | ug/L # | 23       |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 5672     | 0.615    | ug/L # | 89       |
| 48) 2-Hexanone                | 8.687  | 43    | 2909     | 0.871    | ug/L # | 42       |
| 61) 1,2,3-Trichloropropane    | 11.806 | 75    | 7162     | 1.338    | ug/L # | 66       |

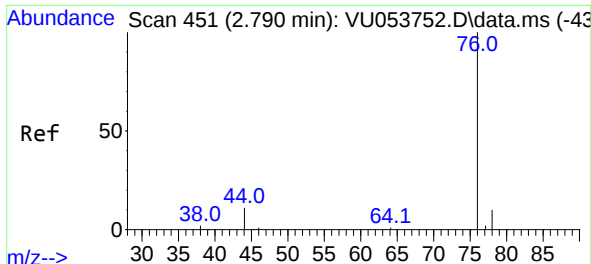
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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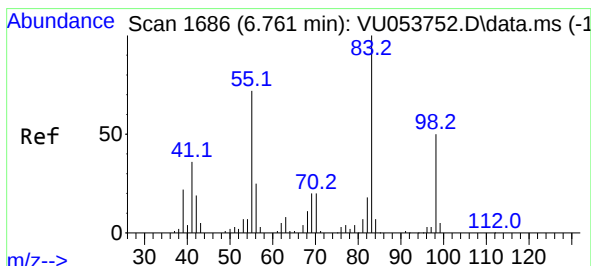
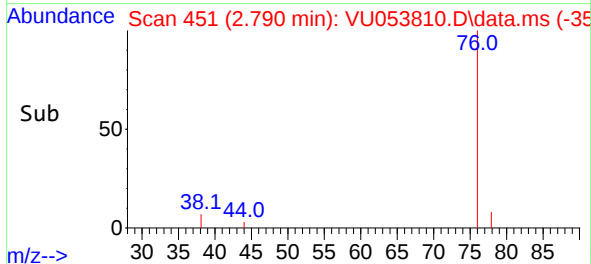
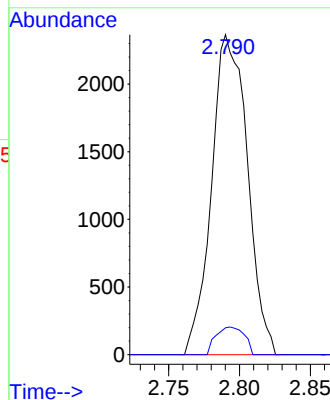
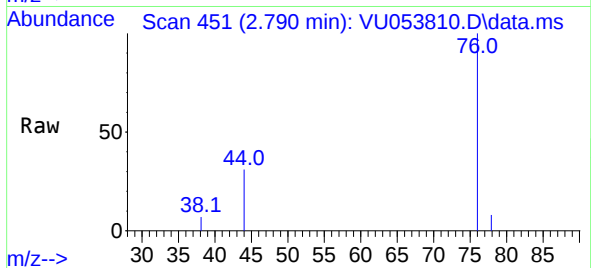




#14  
Carbon disulfide  
Concen: 0.179 ug/L  
RT: 2.790 min Scan# 4164  
Delta R.T. -0.000 min  
Lab File: VU053810.D  
Acq: 20 Apr 2023 16:46

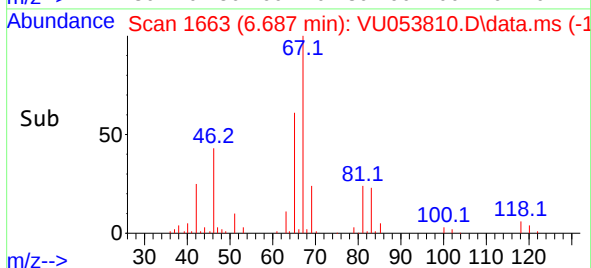
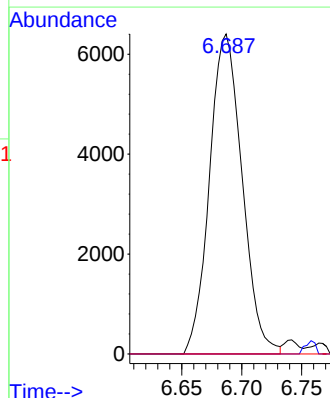
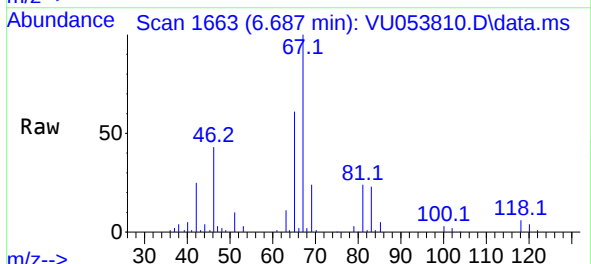
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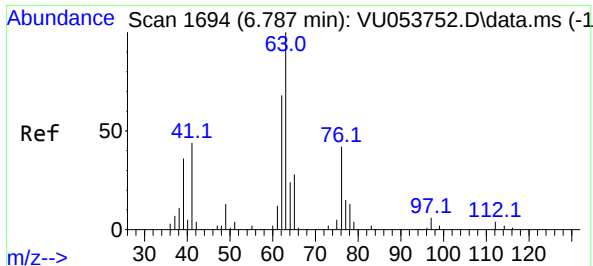
Tgt Ion: 76 Resp: 4164  
Ion Ratio Lower Upper  
76 100  
78 8.4 7.0 10.4



#35  
Methylcyclohexane  
Concen: 0.759 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.074 min  
Lab File: VU053810.D  
Acq: 20 Apr 2023 16:46

Tgt Ion: 83 Resp: 12123  
Ion Ratio Lower Upper  
83 100  
55 1.3 54.9 82.3#  
98 0.0 34.9 52.3#

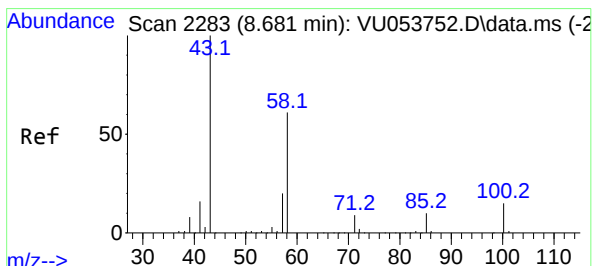
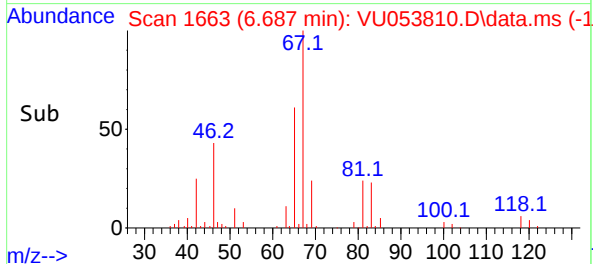
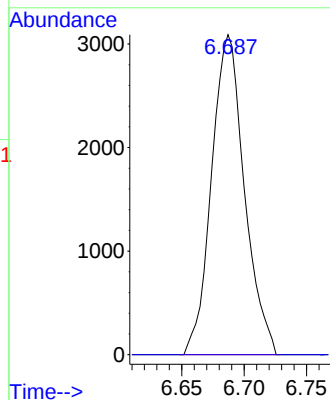
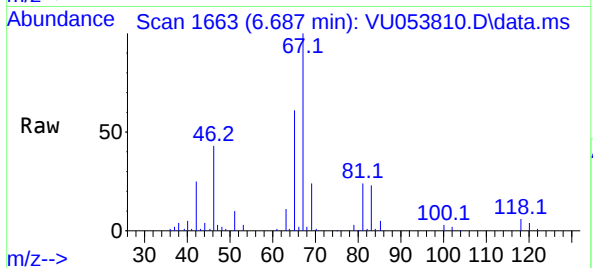




#37  
1,2-Dichloropropane  
Concen: 0.615 ug/L  
RT: 6.687 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU053810.D  
Acq: 20 Apr 2023 16:46

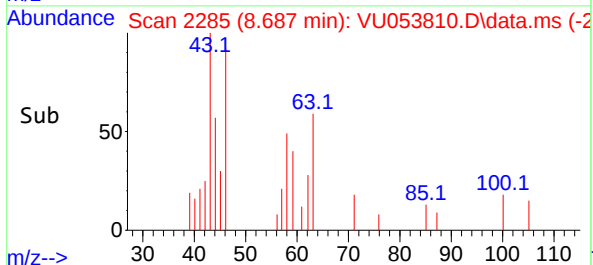
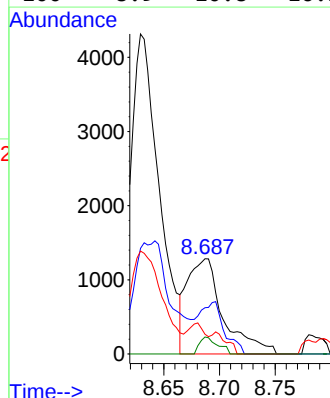
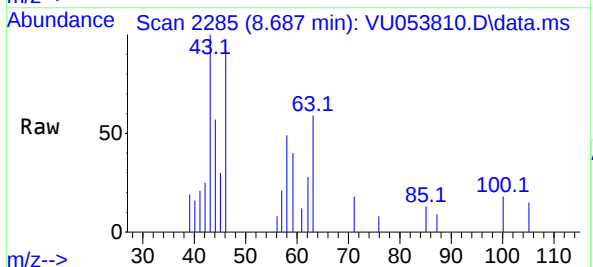
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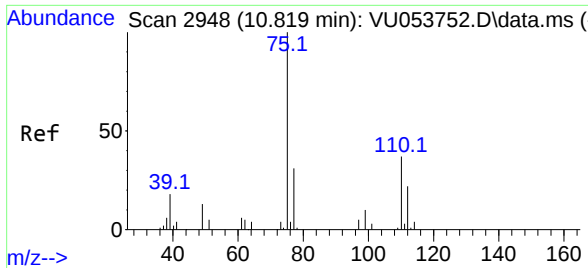
Tgt Ion: 63 Resp: 5672  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#



#48  
2-Hexanone  
Concen: 0.871 ug/L  
RT: 8.687 min Scan# 2285  
Delta R.T. 0.006 min  
Lab File: VU053810.D  
Acq: 20 Apr 2023 16:46

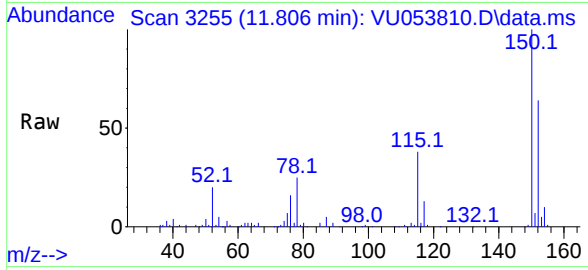
Tgt Ion: 43 Resp: 2909  
Ion Ratio Lower Upper  
43 100  
58 0.0 52.8 79.2#  
57 15.5 17.1 25.7#  
100 8.9 10.8 16.2#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.338 ug/L  
 RT: 11.806 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU053810.D  
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Tgt Ion: 75 Resp: 7162

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 0.0   | 30.6  | 46.0# |
| 77  | 32.8  | 26.1  | 39.1  |

