

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041723\  
 Data File : VU053741.D  
 Acq On : 17 Apr 2023 21:00  
 Operator : JC/MD  
 Sample : 02340-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHE17

Quant Time: Apr 18 00:24:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 18 00:19:36 2023  
 Response via : Initial Calibration

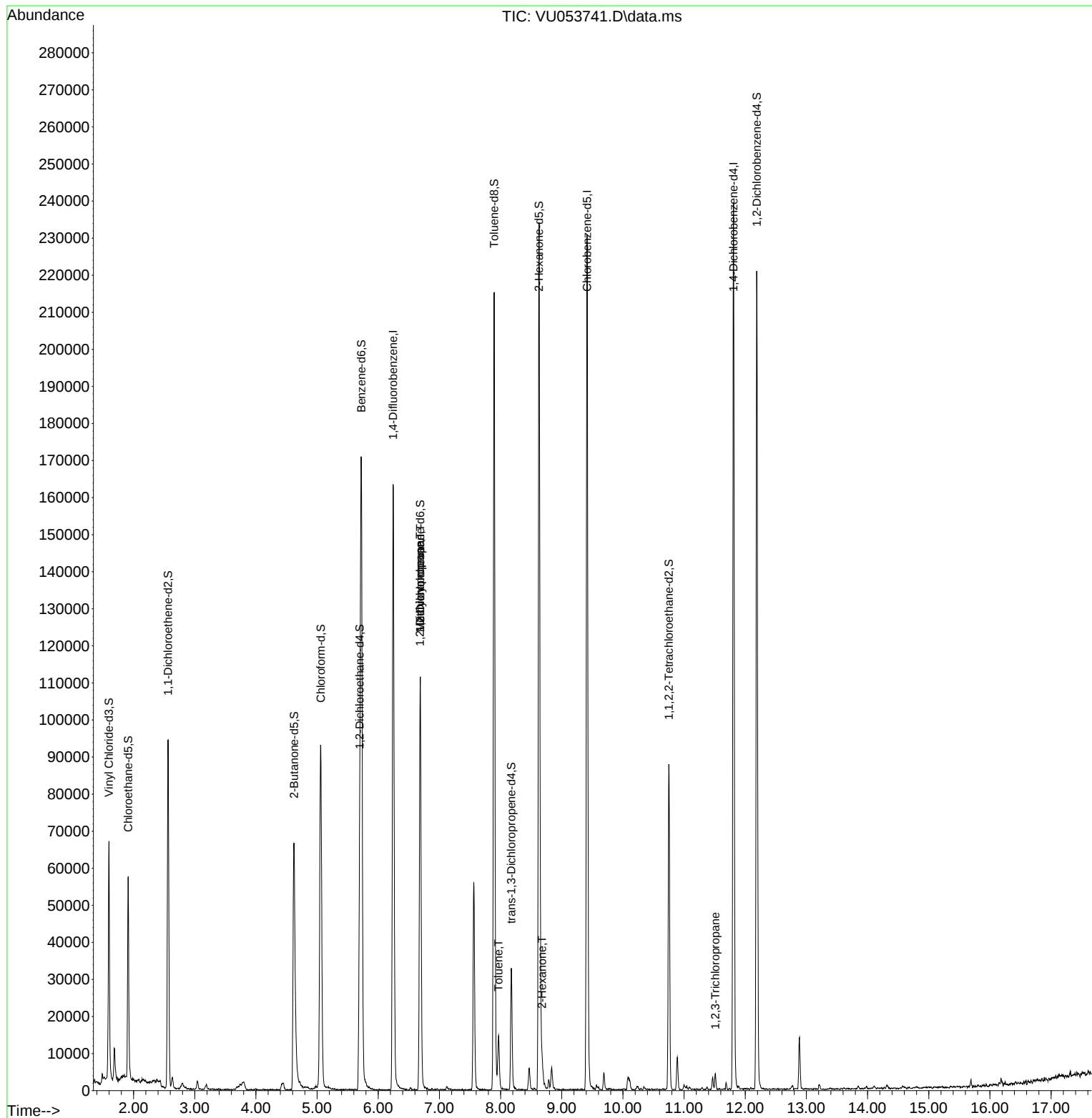
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243  | 114   | 142443   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 137225   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 67001    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 48812    | 4.981    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 99.600%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 42152    | 4.740    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 94.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 17556    | 4.206    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 84.200%  |
| 20) 2-Butanone-d5             | 4.623  | 46    | 97009    | 43.214   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 86.420%  |
| 24) Chloroform-d              | 5.060  | 84    | 86284    | 4.750    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65    | 44693    | 4.801    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.000%  |
| 32) Benzene-d6                | 5.722  | 84    | 170259   | 4.378    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 54373    | 4.588    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.800%  |
| 41) Toluene-d8                | 7.896  | 98    | 153953   | 4.196    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.000%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 19405    | 4.267    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 85.400%  |
| 46) 2-Hexanone-d5             | 8.629  | 63    | 83234    | 45.062   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 90.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 42448    | 4.303    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 86.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.188 | 152   | 60539    | 5.022    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 100.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.687  | 83    | 13230    | 0.787    | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 6.684  | 63    | 5633     | 0.580    | ug/L # | 89       |
| 42) Toluene                   | 7.967  | 91    | 10590    | 0.264    | ug/L   | 95       |
| 48) 2-Hexanone                | 8.677  | 43    | 2570     | 0.732    | ug/L # | 81       |
| 61) 1,2,3-Trichloropropane    | 11.510 | 75    | 861      | 0.155    | ug/L # | 56       |

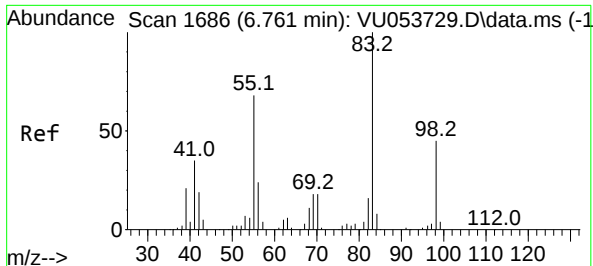
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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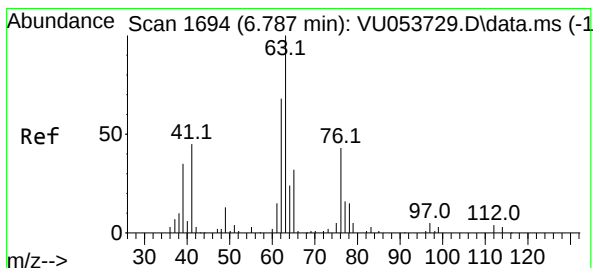
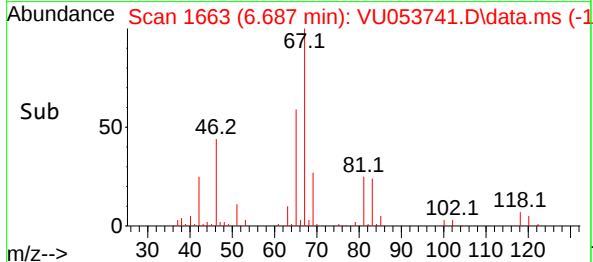
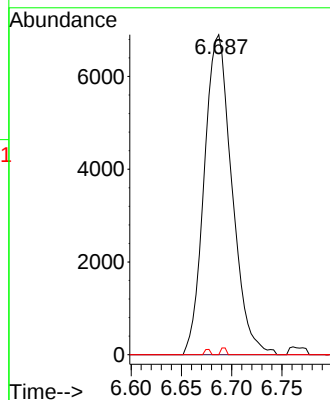
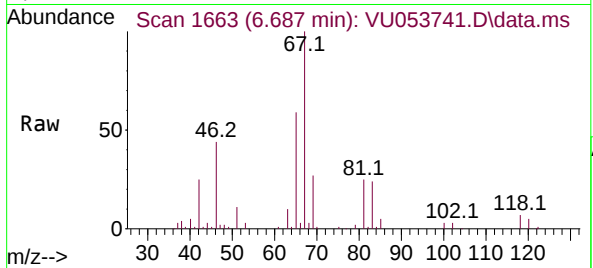




#35  
Methylcyclohexane  
Concen: 0.787 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.074 min  
Lab File: VU053741.D  
Acq: 17 Apr 2023 21:00

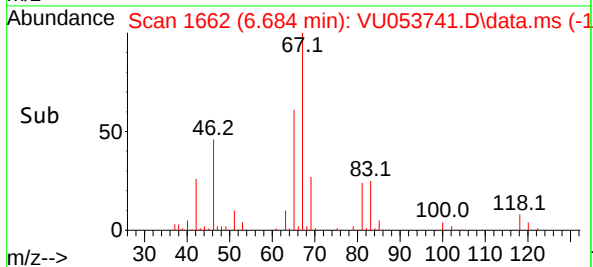
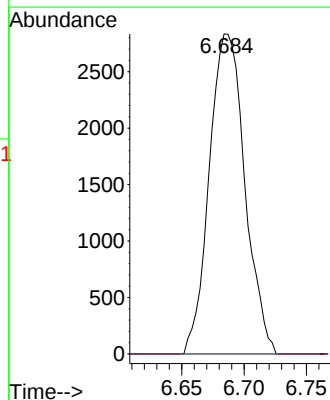
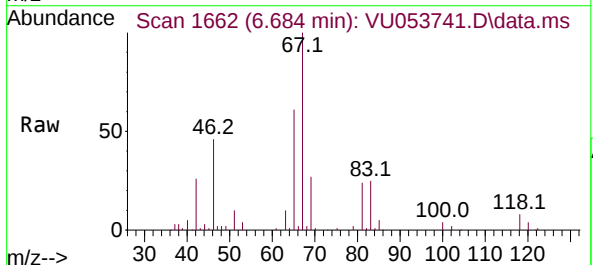
Instrument :  
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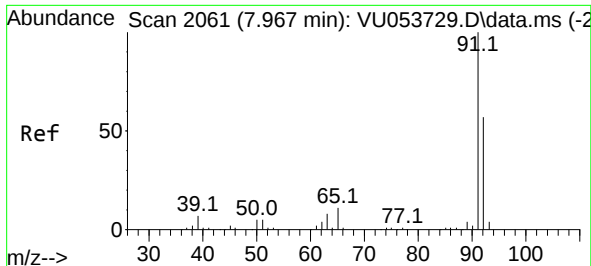
Tgt Ion: 83 Resp: 13230  
Ion Ratio Lower Upper  
83 100  
55 0.0 54.9 82.3#  
98 0.4 34.9 52.3#



#37  
1,2-Dichloropropane  
Concen: 0.580 ug/L  
RT: 6.684 min Scan# 1662  
Delta R.T. -0.103 min  
Lab File: VU053741.D  
Acq: 17 Apr 2023 21:00

Tgt Ion: 63 Resp: 5633  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#





#42

Toluene

Concen: 0.264 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU053741.D

Acq: 17 Apr 2023 21:00

Instrument :

MSVOA\_U

ClientSampleId :

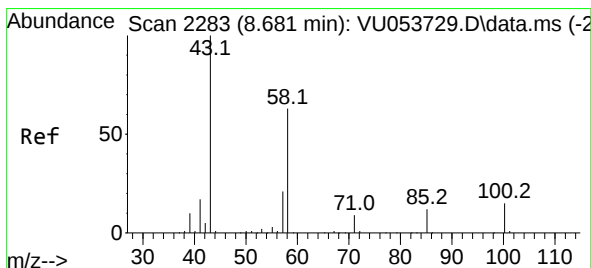
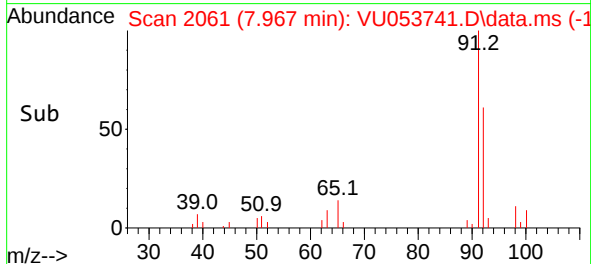
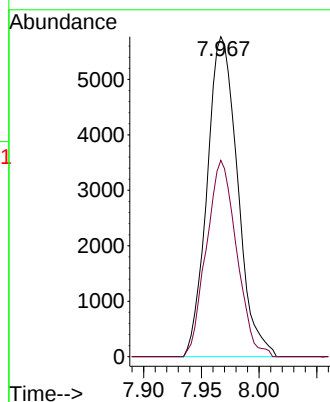
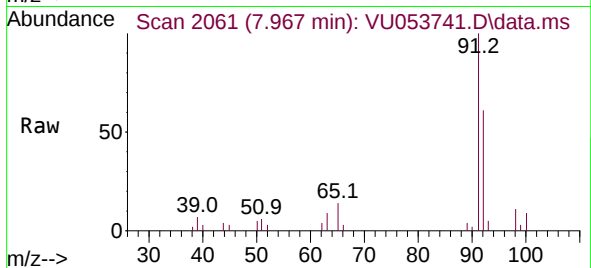
BHE17

Tgt Ion: 91 Resp: 10590

Ion Ratio Lower Upper

91 100

92 61.4 40.4 75.0



#48

2-Hexanone

Concen: 0.732 ug/L

RT: 8.677 min Scan# 2282

Delta R.T. -0.003 min

Lab File: VU053741.D

Acq: 17 Apr 2023 21:00

Tgt Ion: 43 Resp: 2570

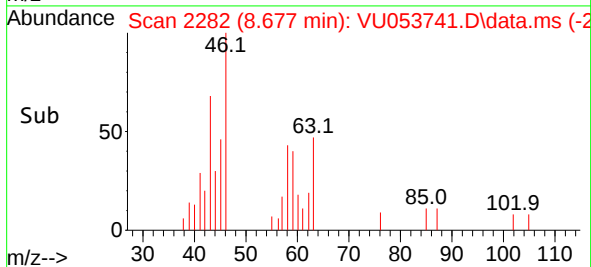
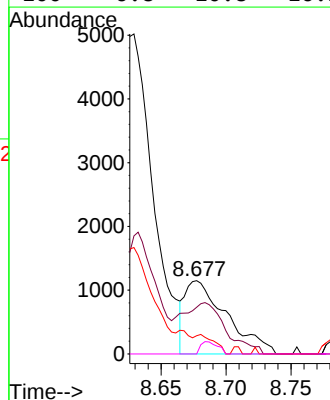
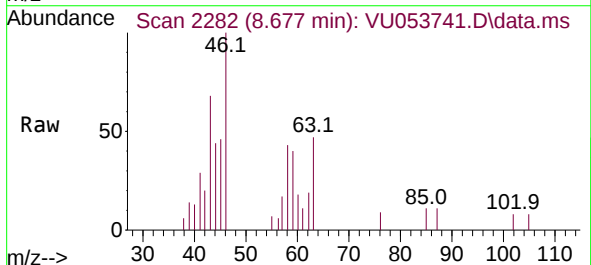
Ion Ratio Lower Upper

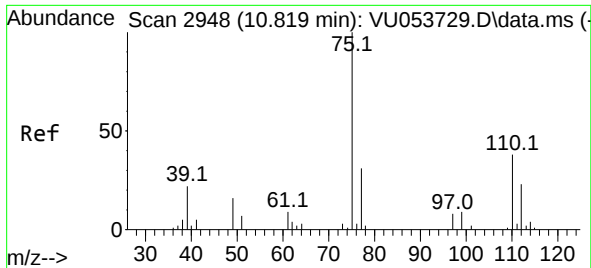
43 100

58 74.1 52.8 79.2

57 0.0 17.1 25.7#

100 6.8 10.8 16.2#





#61  
 1,2,3-Trichloropropane  
 Concen: 0.155 ug/L  
 RT: 11.510 min Scan# 31  
 Delta R.T. 0.691 min  
 Lab File: VU053741.D  
 Acq: 17 Apr 2023 21:00

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHE17

|             |       |       |
|-------------|-------|-------|
| Tgt Ion: 75 | Resp: | 861   |
| Ion Ratio   | Lower | Upper |
| 75          | 100   |       |
| 110         | 0.0   | 30.6  |
| 77          | 20.8  | 26.1  |

