

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060723\  
 Data File : VU054413.D  
 Acq On : 07 Jun 2023 16:07  
 Operator : MD/SY  
 Sample : 03075-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0F81

Quant Time: Jun 08 01:21:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jun 08 01:20:50 2023  
 Response via : Initial Calibration

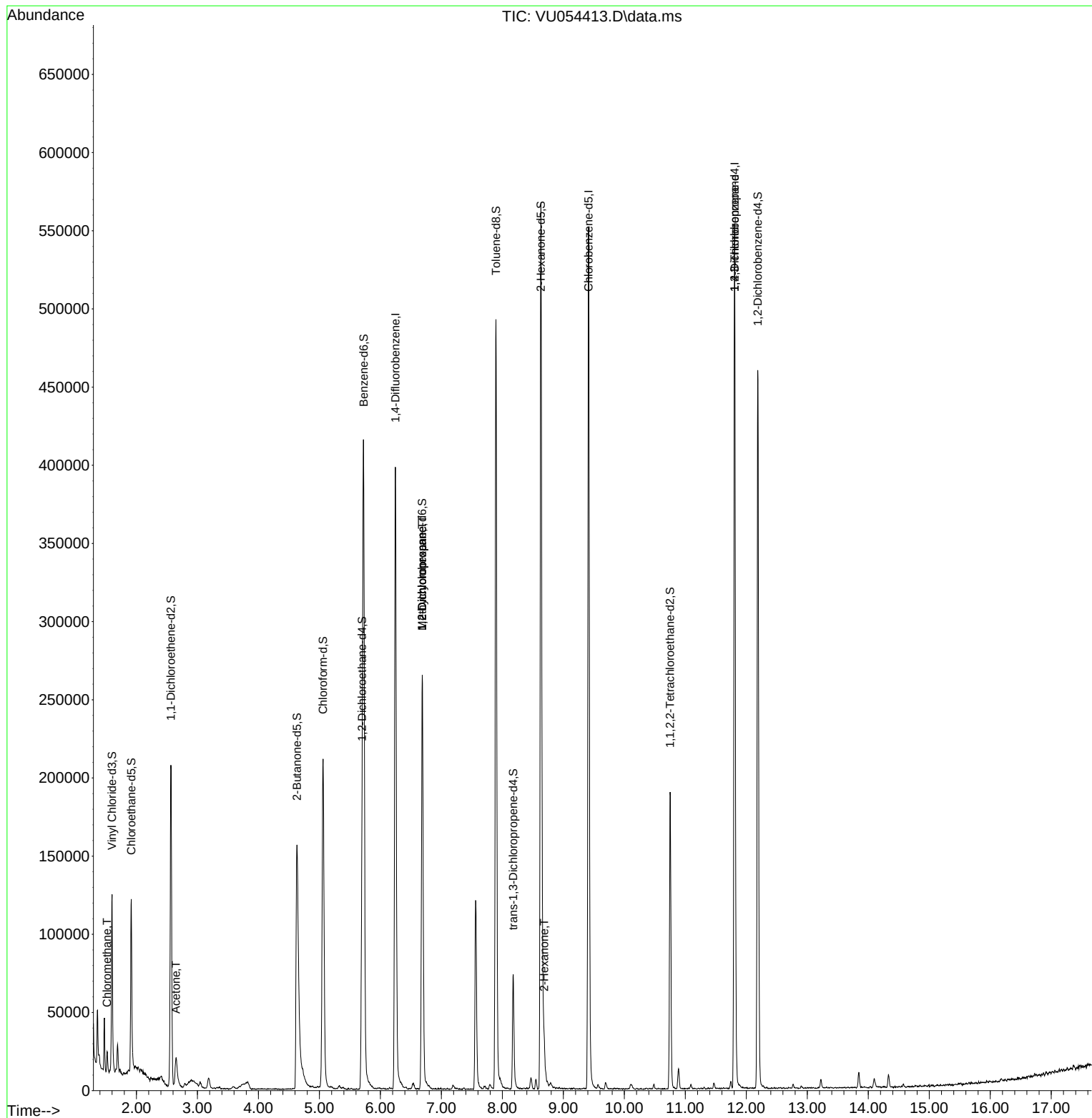
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 323063   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 309565   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 150081   | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65             | 86664    | 4.215  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 84.400% |          |
| 7) Chloroethane-d5            | 1.914  | 69             | 84433    | 4.386  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 87.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 39922    | 4.348  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 87.000% |          |
| 20) 2-Butanone-d5             | 4.631  | 46             | 286930   | 49.636 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 99.280% |          |
| 24) Chloroform-d              | 5.059  | 84             | 195985   | 4.560  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.200% |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 99519    | 4.750  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 95.000% |          |
| 32) Benzene-d6                | 5.724  | 84             | 388471   | 4.514  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.200% |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 135480   | 4.714  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.200% |          |
| 41) Toluene-d8                | 7.894  | 98             | 335512   | 4.393  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 87.800% |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 45528    | 4.556  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 91.200% |          |
| 46) 2-Hexanone-d5             | 8.631  | 63             | 190427   | 45.419 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 90.840% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84             | 98251    | 4.585  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 91.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 123947   | 4.896  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 98.000% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 3) Chloromethane              | 1.518  | 50             | 9796     | 0.282  | ug/L    | 99       |
| 13) Acetone                   | 2.647  | 43             | 34847    | 6.393  | ug/L    | 95       |
| 35) Methylcyclohexane         | 6.685  | 83             | 28122    | 0.632  | ug/L #  | 16       |
| 37) 1,2-Dichloropropane       | 6.685  | 63             | 13521    | 0.449  | ug/L #  | 90       |
| 48) 2-Hexanone                | 8.685  | 43             | 13569    | 1.134  | ug/L #  | 87       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 19291    | 1.272  | ug/L #  | 69       |

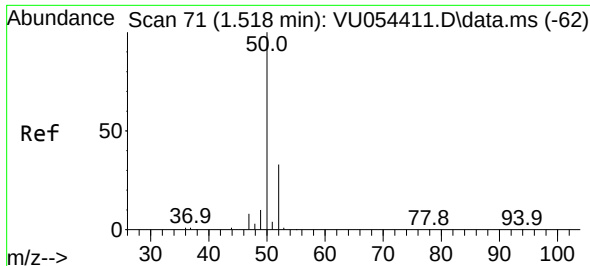
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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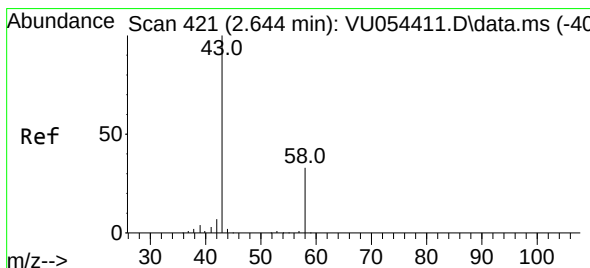
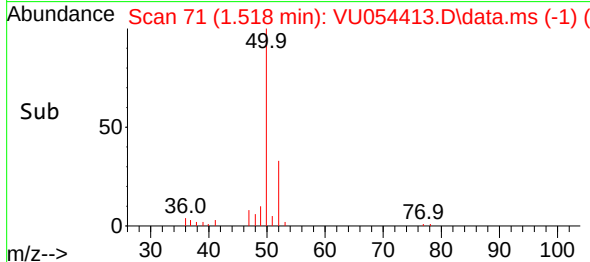
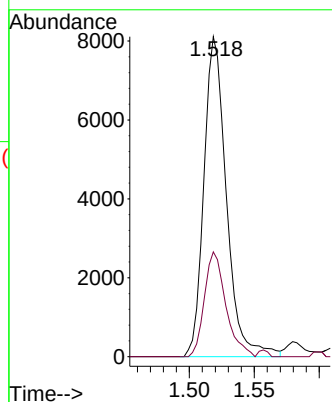
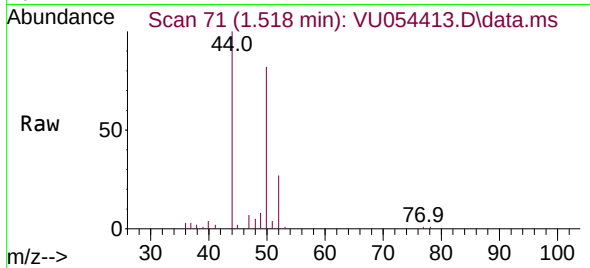




#3  
Chloromethane  
Concen: 0.282 ug/L  
RT: 1.518 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VU054413.D  
Acq: 07 Jun 2023 16:07

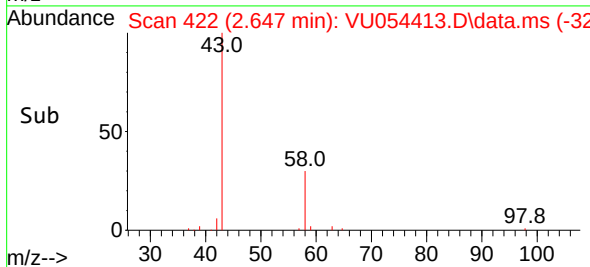
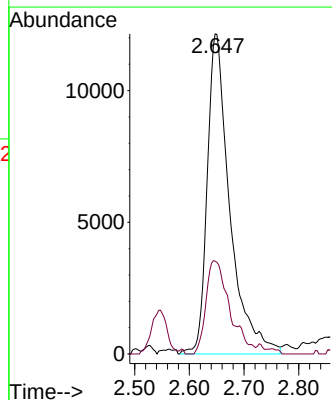
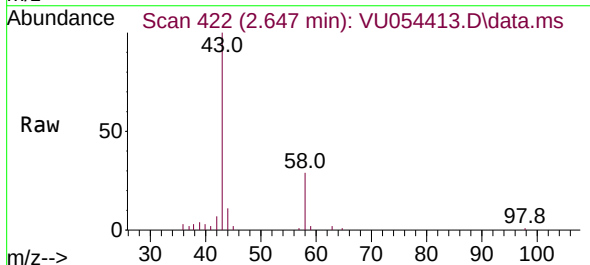
Instrument :  
MSVOA\_U  
ClientSampleId :  
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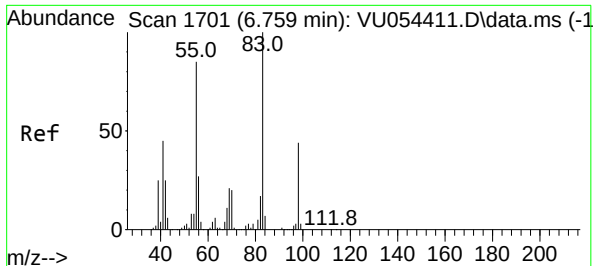
Tgt Ion: 50 Resp: 9796  
Ion Ratio Lower Upper  
50 100  
52 32.7 23.4 43.4



#13  
Acetone  
Concen: 6.393 ug/L  
RT: 2.647 min Scan# 422  
Delta R.T. 0.003 min  
Lab File: VU054413.D  
Acq: 07 Jun 2023 16:07

Tgt Ion: 43 Resp: 34847  
Ion Ratio Lower Upper  
43 100  
58 30.6 0.0 67.2

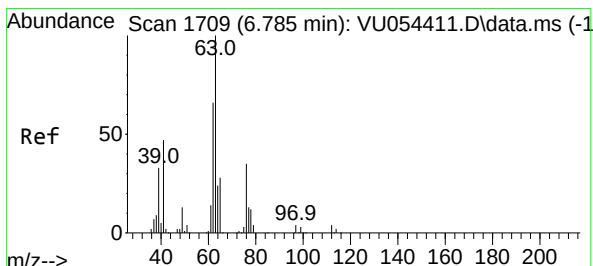
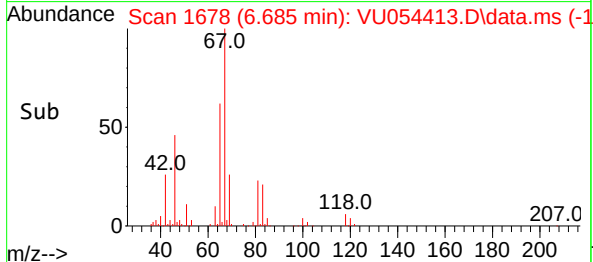
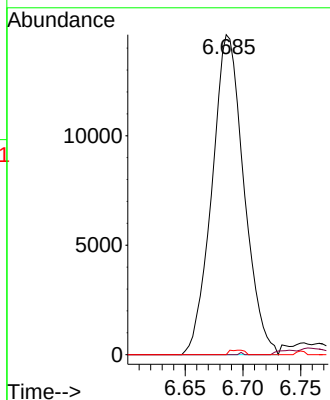
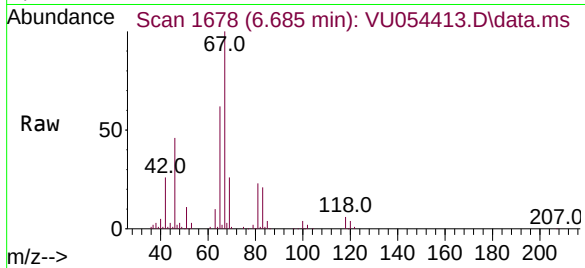




#35  
Methylcyclohexane  
Concen: 0.632 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.074 min  
Lab File: VU054413.D  
Acq: 07 Jun 2023 16:07

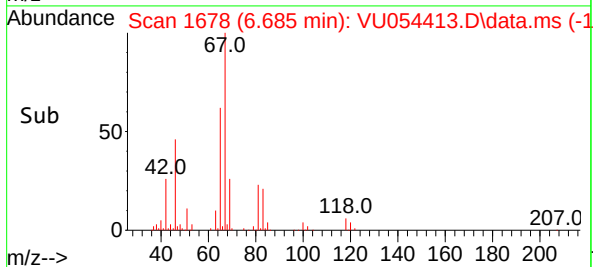
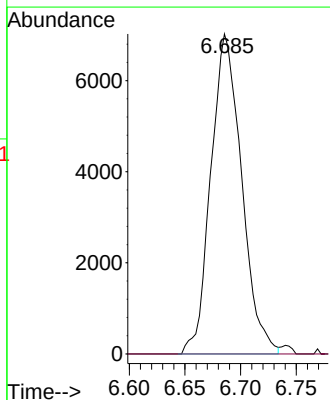
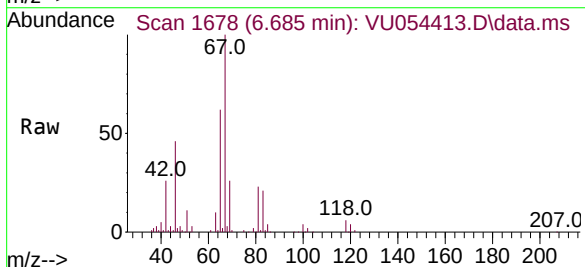
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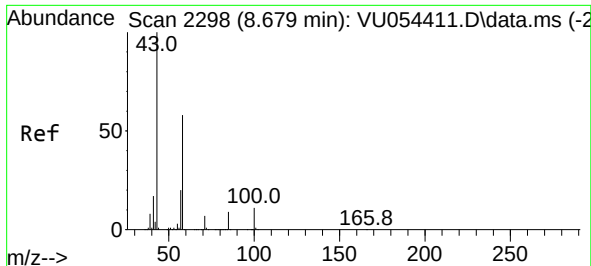
Tgt Ion: 83 Resp: 28122  
Ion Ratio Lower Upper  
83 100  
55 0.1 67.1 100.7#  
98 0.7 35.1 52.7#



#37  
1,2-Dichloropropane  
Concen: 0.449 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.100 min  
Lab File: VU054413.D  
Acq: 07 Jun 2023 16:07

Tgt Ion: 63 Resp: 13521  
Ion Ratio Lower Upper  
63 100  
112 0.6 3.0 4.6#

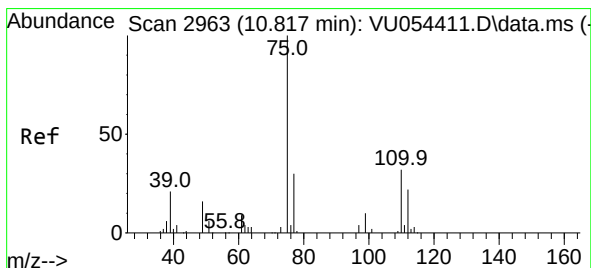
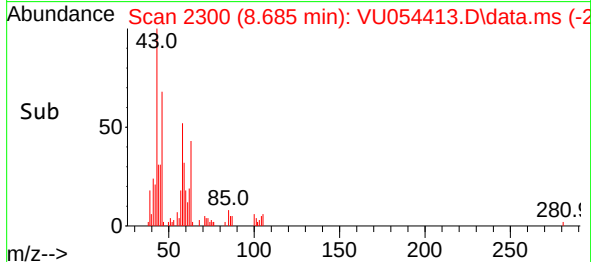
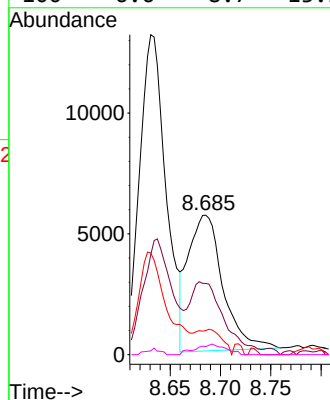
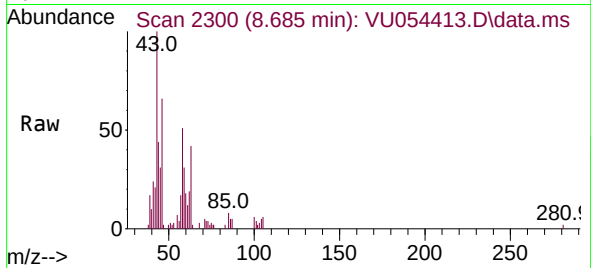




#48  
2-Hexanone  
Concen: 1.134 ug/L  
RT: 8.685 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: VU054413.D  
Acq: 07 Jun 2023 16:07

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0F81

Tgt Ion: 43 Resp: 13569  
Ion Ratio Lower Upper  
43 100  
58 52.8 45.2 67.8  
57 3.2 15.8 23.6#  
100 6.6 8.7 13.1#



#61  
1,2,3-Trichloropropane  
Concen: 1.272 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU054413.D  
Acq: 07 Jun 2023 16:07

Tgt Ion: 75 Resp: 19291  
Ion Ratio Lower Upper  
75 100  
110 3.0 28.0 42.0#  
77 29.8 25.4 38.2

