

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120823\  
 Data File : VU056700.D  
 Acq On : 08 Dec 2023 15:27  
 Operator : MD/SY  
 Sample : 05627-08 40X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 08 20:58:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 08 20:56:24 2023  
 Response via : Initial Calibration

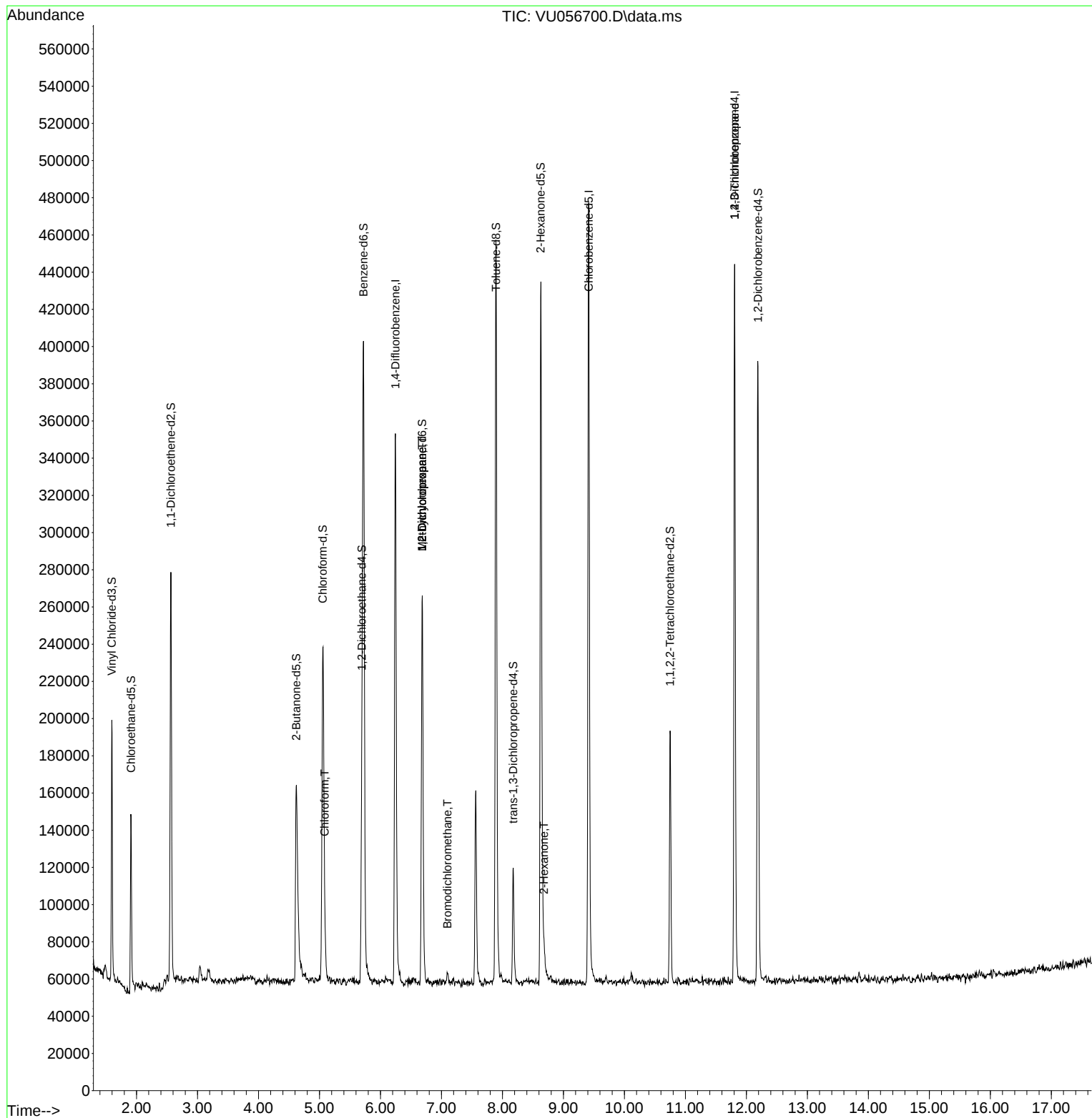
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 6.245     | 114            | 245050   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415     | 117            | 244620   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807    | 152            | 101713   | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.595     | 65             | 97823    | 5.337      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 106.800% |        |          |
| 7) Chloroethane-d5            | 1.911     | 69             | 70269    | 5.000      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 100.000% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.563     | 65             | 42641    | 5.272      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 105.400% |        |          |
| 20) 2-Butanone-d5             | 4.621     | 46             | 171312   | 46.873     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 93.740%  |        |          |
| 24) Chloroform-d              | 5.055     | 84             | 168328   | 4.748      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 95.000%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.695     | 65             | 81590    | 4.980      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 99.600%  |        |          |
| 32) Benzene-d6                | 5.721     | 84             | 340158   | 4.667      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 93.400%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.685     | 67             | 102586   | 4.670      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 93.400%  |        |          |
| 41) Toluene-d8                | 7.894     | 98             | 285789   | 4.441      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 88.800%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.177     | 79             | 36558    | 4.340      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 86.800%  |        |          |
| 46) 2-Hexanone-d5             | 8.627     | 63             | 132098   | 39.901     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 79.800%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749    | 84             | 69070    | 4.401      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 88.000%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190    | 152            | 90328    | 4.807      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 96.200%  |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            | Qvalue |          |
| 25) Chloroform                | 5.084     | 83             | 19954    | 0.602      | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.685     | 83             | 24859    | 0.905      | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.685     | 63             | 11280    | 0.620      | ug/L # | 88       |
| 38) Bromodichloromethane      | 7.097     | 83             | 4117     | 0.175      | ug/L   | 90       |
| 48) 2-Hexanone                | 8.682     | 43             | 6878     | 0.978      | ug/L # | 84       |
| 61) 1,2,3-Trichloropropane    | 11.807    | 75             | 13285    | 1.522      | ug/L # | 67       |
| -----                         |           |                |          |            |        |          |

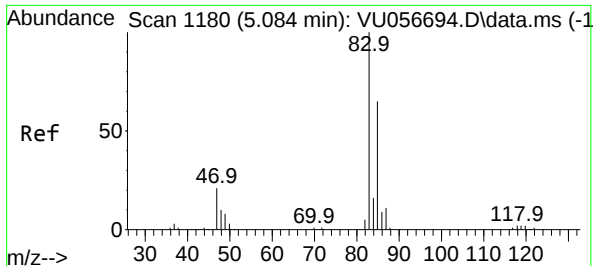
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Dec 08 20:56:24 2023  
Response via : Initial Calibration





#25

Chloroform

Concen: 0.602 ug/L

RT: 5.084 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU056700.D

Acq: 08 Dec 2023 15:27

Instrument :

MSVOA\_U

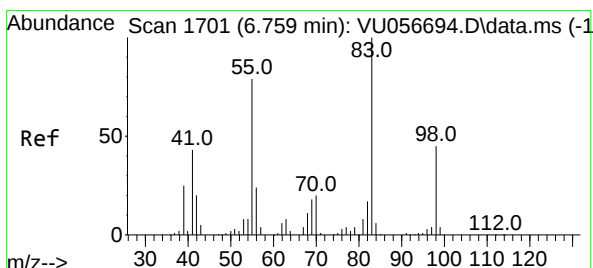
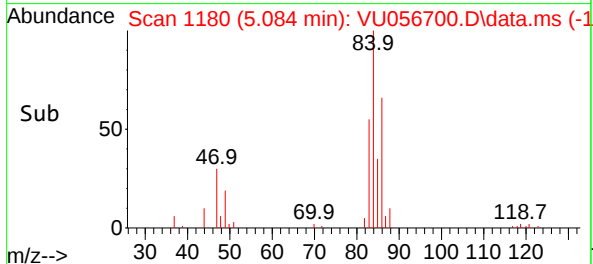
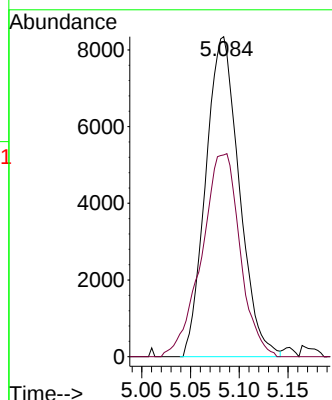
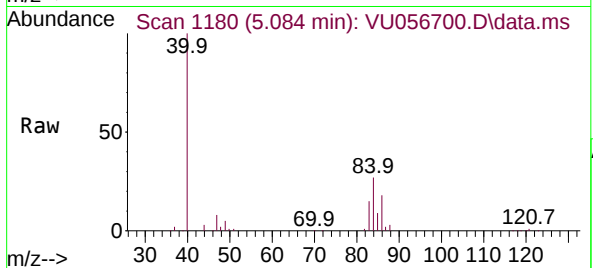
ClientSampleId :

Tgt Ion: 83 Resp: 19954

Ion Ratio Lower Upper

83 100

85 63.0 47.0 87.2



#35

Methylcyclohexane

Concen: 0.905 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056700.D

Acq: 08 Dec 2023 15:27

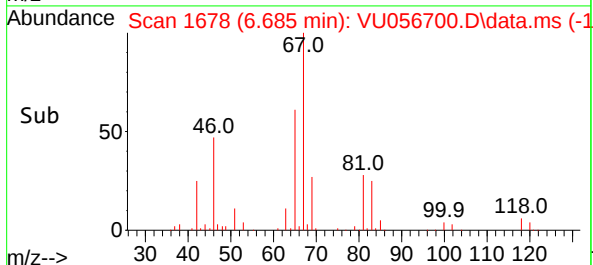
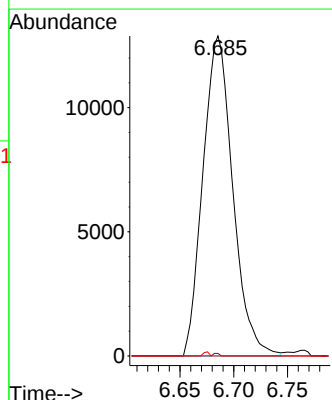
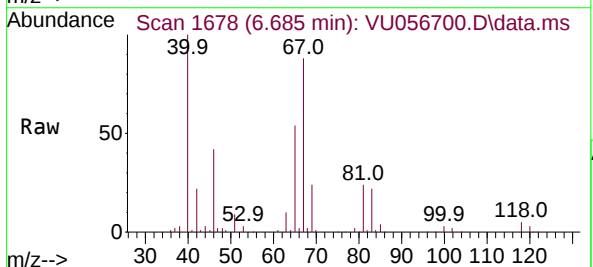
Tgt Ion: 83 Resp: 24859

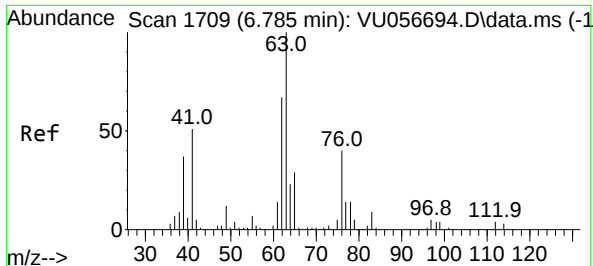
Ion Ratio Lower Upper

83 100

55 0.2 62.9 94.3#

98 0.2 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056700.D

Acq: 08 Dec 2023 15:27

Instrument :

MSVOA\_U

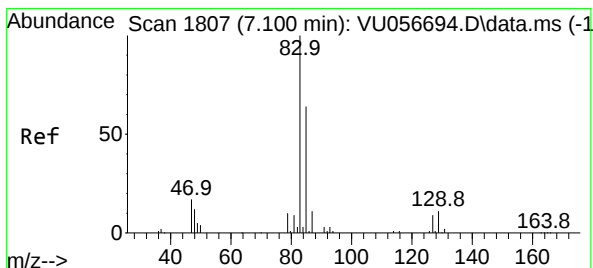
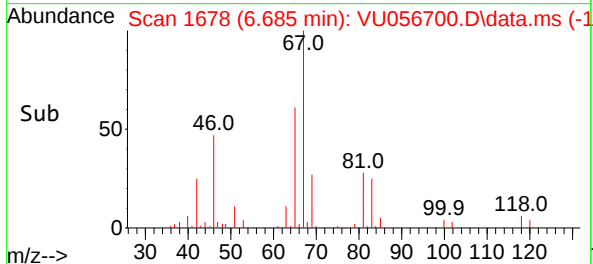
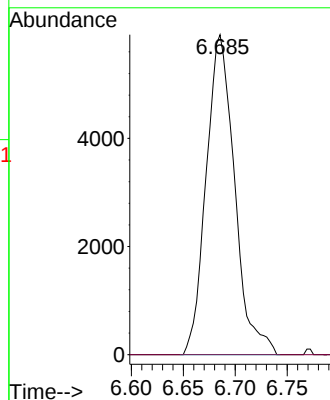
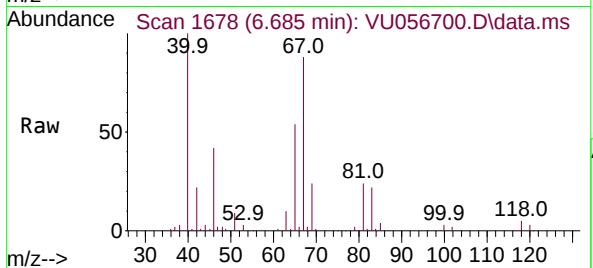
ClientSampleId :

Tgt Ion: 63 Resp: 11280

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.175 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU056700.D

Acq: 08 Dec 2023 15:27

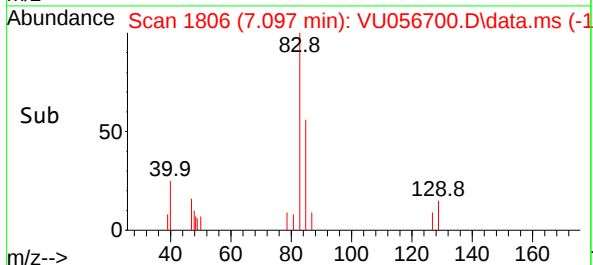
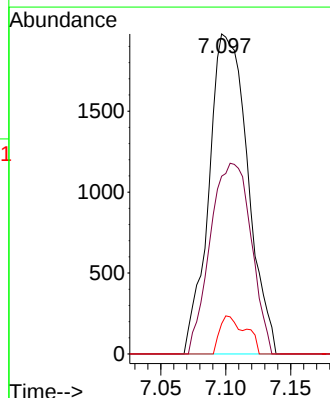
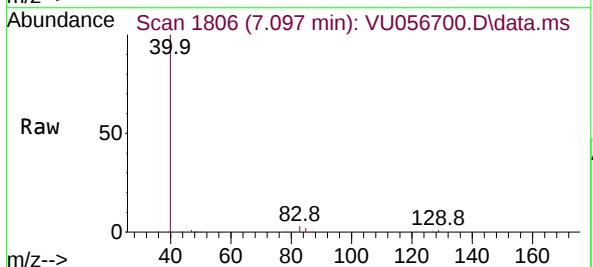
Tgt Ion: 83 Resp: 4117

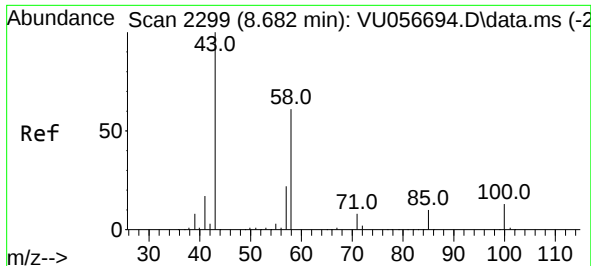
Ion Ratio Lower Upper

83 100

85 55.5 44.9 83.5

127 9.5 6.9 10.3

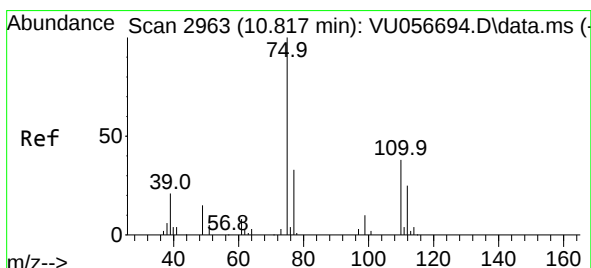
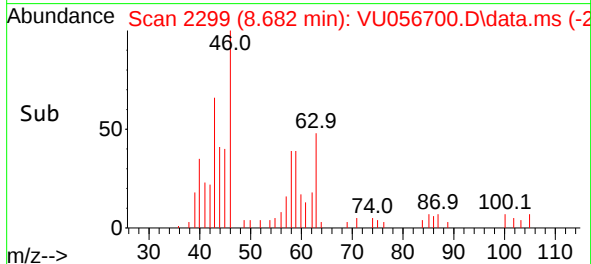
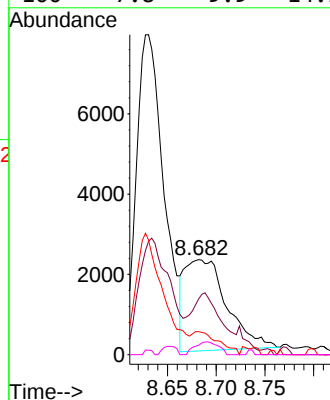
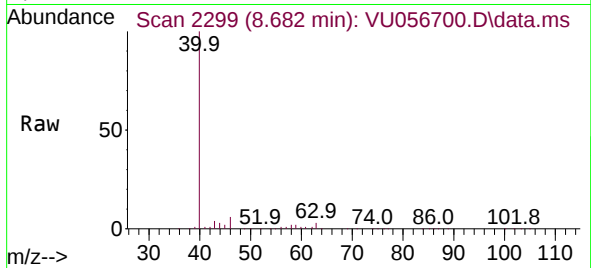




#48  
2-Hexanone  
Concen: 0.978 ug/L  
RT: 8.682 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU056700.D  
Acq: 08 Dec 2023 15:27

Instrument :  
MSVOA\_U  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 6878  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 47.4  | 48.7  | 73.1# |
| 57       | 15.7  | 16.8  | 25.2# |
| 100      | 7.8   | 9.9   | 14.9# |



#61  
1,2,3-Trichloropropane  
Concen: 1.522 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU056700.D  
Acq: 08 Dec 2023 15:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 13285 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 2.2   | 30.4  | 45.6# |
| 77       | 31.6  | 27.0  | 40.6  |

