

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122823\  
 Data File : VU057355.D  
 Acq On : 29 Dec 2023 00:51  
 Operator : MD/SY  
 Sample : 05998-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 29 01:37:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 28 21:37:03 2023  
 Response via : Initial Calibration

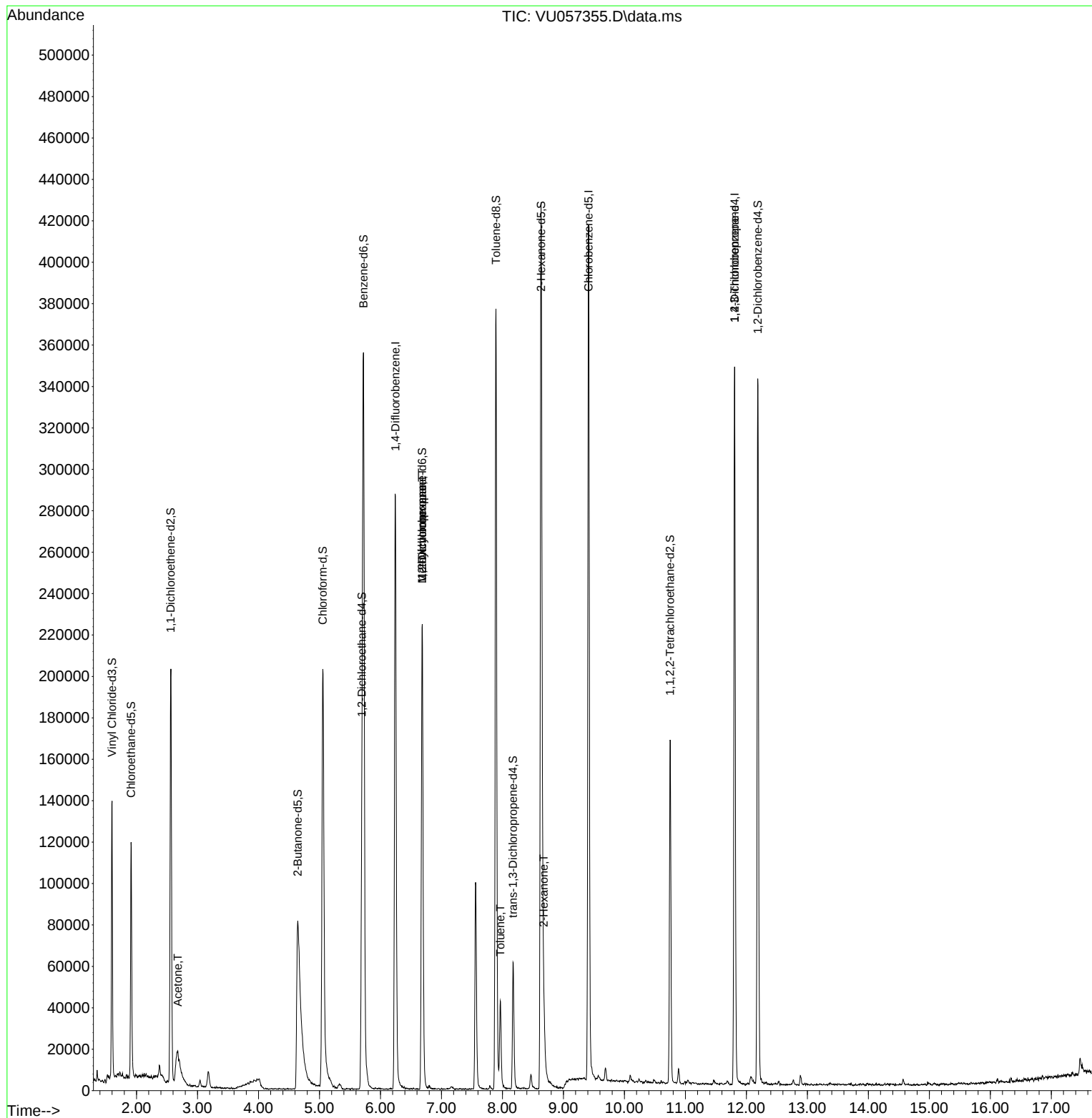
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 232194   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 234647   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 90056    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 97359    | 4.877    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 97.600%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 84710    | 5.284    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 105.600% |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 38639    | 4.863    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 97.200%  |
| 20) 2-Butanone-d5             | 4.644  | 46    | 221351   | 48.960   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 97.920%  |
| 24) Chloroform-d              | 5.055  | 84    | 184905   | 5.209    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.200% |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 91941    | 5.068    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.400% |
| 32) Benzene-d6                | 5.721  | 84    | 343607   | 5.137    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.800% |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 111667   | 5.328    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 106.600% |
| 41) Toluene-d8                | 7.894  | 98    | 250671   | 4.344    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.800%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 37260    | 4.430    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.600%  |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 149234   | 39.179   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 78.360%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 84900    | 4.823    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 96.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 87783    | 5.353    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 107.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.676  | 43    | 29086    | 9.871    | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.682  | 83    | 25823    | 1.098    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 11624    | 0.618    | ug/L # | 89       |
| 42) Toluene                   | 7.965  | 91    | 30701    | 0.422    | ug/L   | 98       |
| 48) 2-Hexanone                | 8.676  | 43    | 6285     | 0.890    | ug/L # | 35       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 11158    | 1.187    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

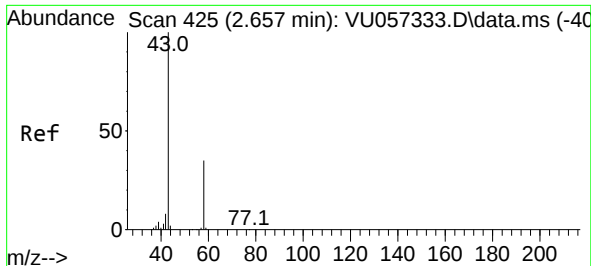
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Dec 28 21:37:03 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 9.871 ug/L

RT: 2.676 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU057355.D

Acq: 29 Dec 2023 00:51

Instrument :

MSVOA\_U

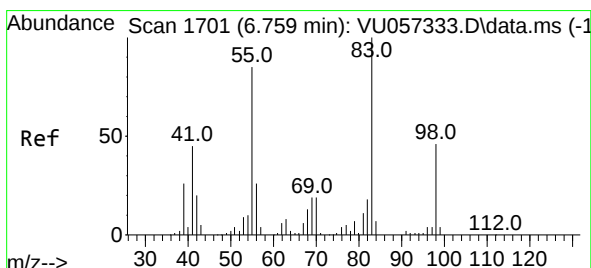
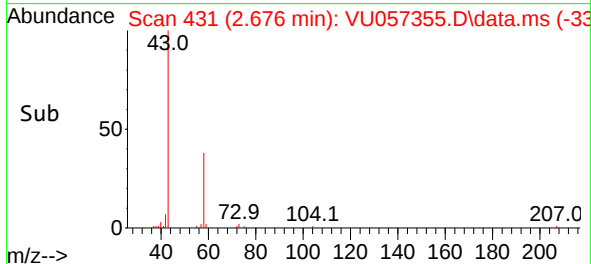
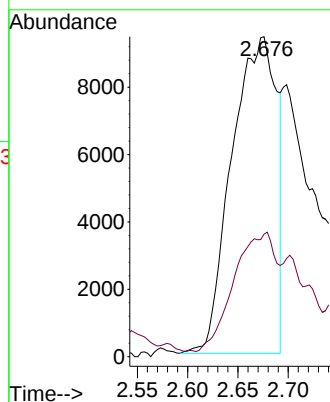
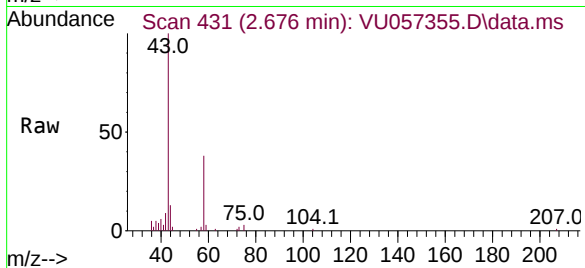
ClientSampleId :

Tgt Ion: 43 Resp: 29086

Ion Ratio Lower Upper

43 100

58 35.7 0.0 67.2



#35

Methylcyclohexane

Concen: 1.098 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU057355.D

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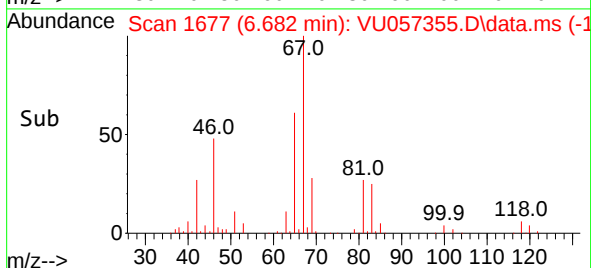
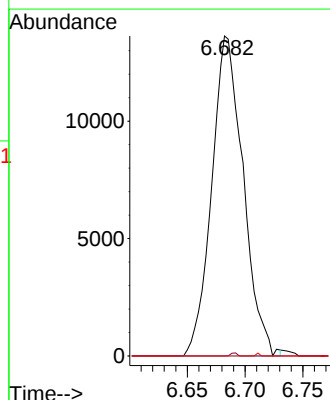
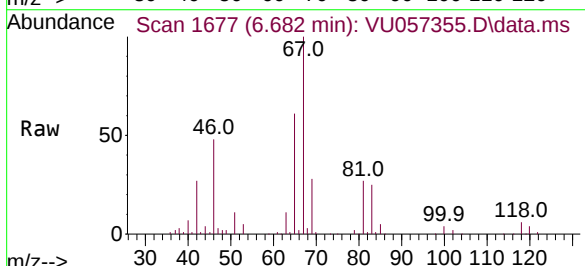
Tgt Ion: 83 Resp: 25823

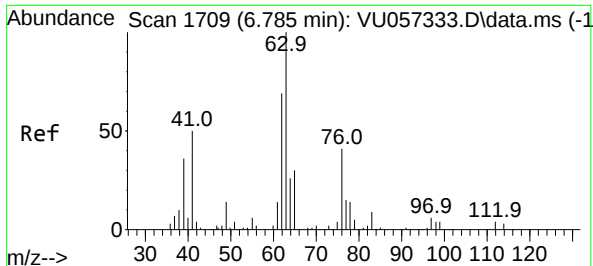
Ion Ratio Lower Upper

83 100

55 0.2 65.4 98.2#

98 0.1 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.618 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU057355.D

Acq: 29 Dec 2023 00:51

Instrument :

MSVOA\_U

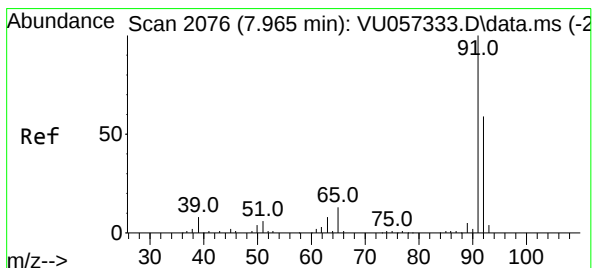
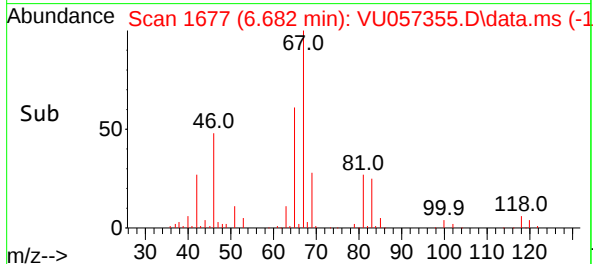
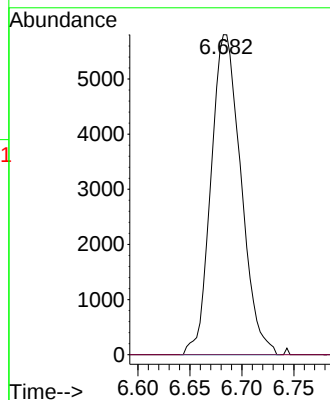
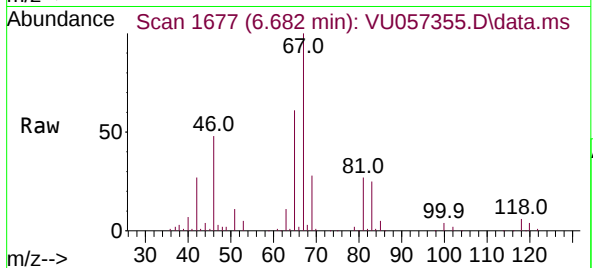
ClientSampleId :

Tgt Ion: 63 Resp: 11624

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#42

Toluene

Concen: 0.422 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU057355.D

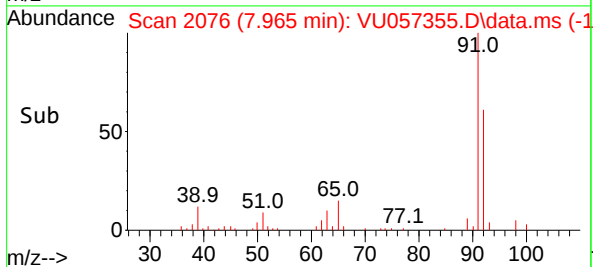
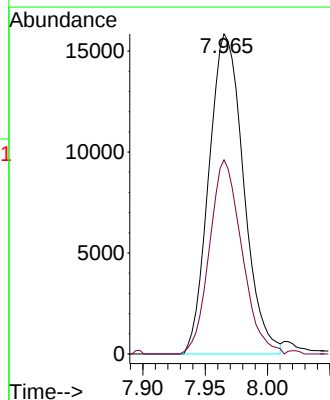
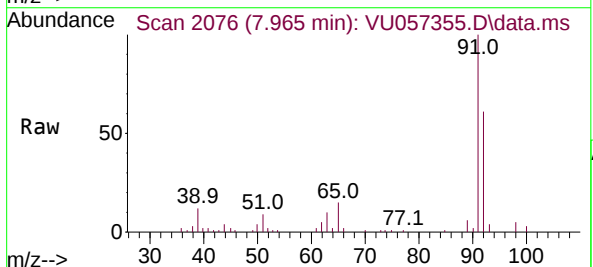
Acq: 29 Dec 2023 00:51

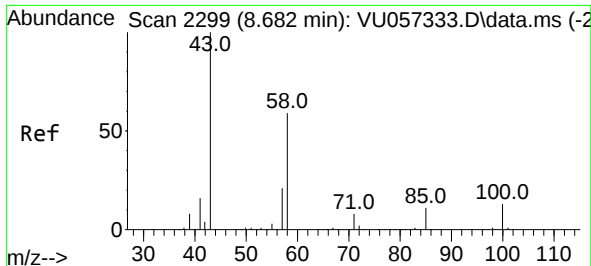
Tgt Ion: 91 Resp: 30701

Ion Ratio Lower Upper

91 100

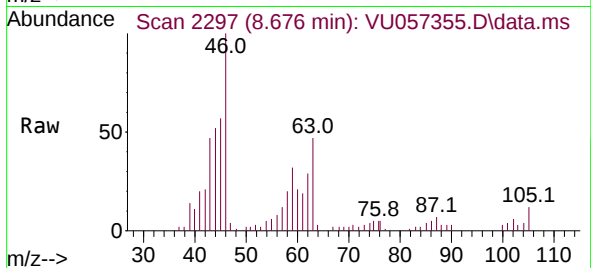
92 60.7 41.6 77.2



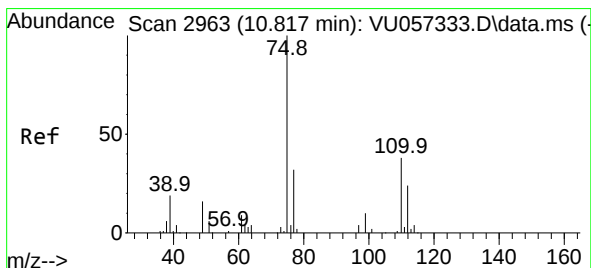
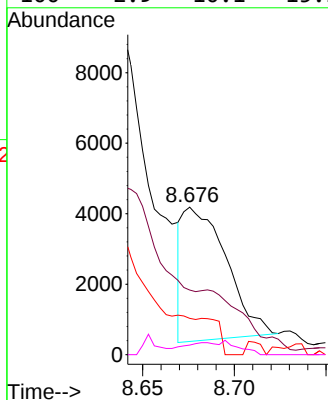
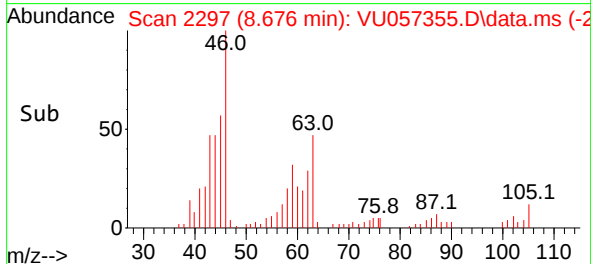


#48  
2-Hexanone  
Concen: 0.890 ug/L  
RT: 8.676 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VU057355.D  
Acq: 29 Dec 2023 00:51

Instrument :  
MSVOA\_U  
ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 6285  |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 0.0   | 48.4  | 72.6# |
| 57        | 0.0   | 17.4  | 26.2# |
| 100       | 2.9   | 10.1  | 15.1# |



#61  
1,2,3-Trichloropropane  
Concen: 1.187 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU057355.D  
Acq: 29 Dec 2023 00:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 11158 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 2.4   | 29.0  | 43.6# |
| 77        | 36.6  | 25.4  | 38.2  |

