

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081921\  
 Data File : VU044472.D  
 Acq On : 19 Aug 2021 18:57  
 Operator : SY/MD  
 Sample : M3474-22  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Aug 20 05:15:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR081821WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Aug 20 05:12:49 2021  
 Response via : Initial Calibration

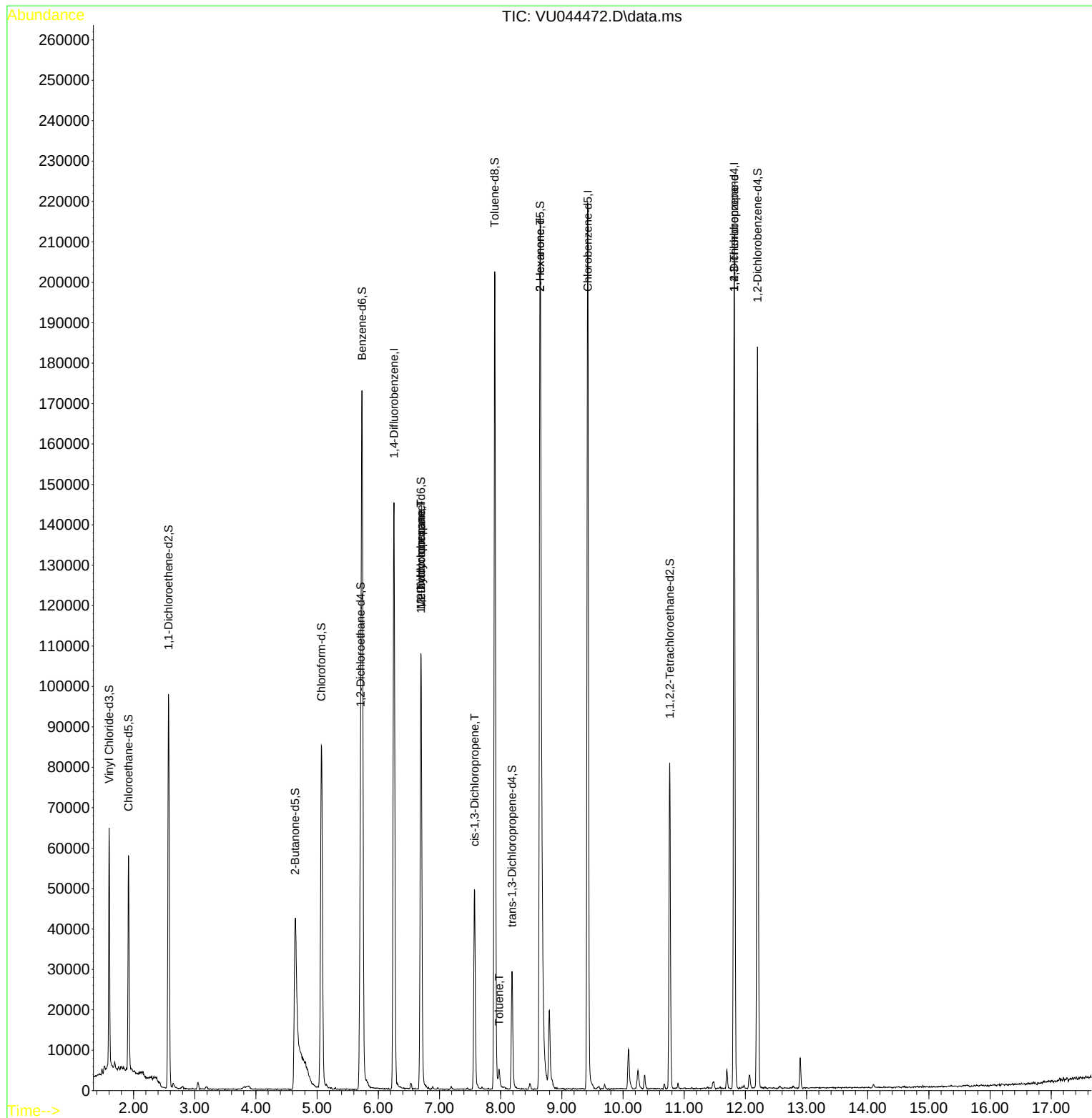
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 116353   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 117476   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 53056    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 41427    | 4.402    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 88.000%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 38215    | 4.673    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 18544    | 4.632    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 92.600%  |
| 20) 2-Butanone-d5             | 4.642  | 46    | 99460    | 38.217   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 76.440%  |
| 24) Chloroform-d              | 5.070  | 84    | 76964    | 4.625    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 44367    | 4.889    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.800%  |
| 32) Benzene-d6                | 5.735  | 84    | 158543   | 4.793    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67    | 51386    | 4.856    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.200%  |
| 41) Toluene-d8                | 7.903  | 98    | 132333   | 4.511    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.200%  |
| 43) trans-1,3-Dichloroprop... | 8.186  | 79    | 17316    | 4.556    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 91.200%  |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 105997   | 51.574   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 103.140% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 42237    | 4.739    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152   | 45983    | 5.130    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.697  | 83    | 11725    | 0.713    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 5497     | 0.527    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.575  | 75    | 1205     | 0.082    | ug/L # | 72       |
| 42) Toluene                   | 7.977  | 91    | 3104     | 0.075    | ug/L   | 92       |
| 48) 2-Hexanone                | 8.645  | 43    | 14537    | 2.875    | ug/L # | 63       |
| 61) 1,2,3-Trichloropropane    | 11.819 | 75    | 7708     | 1.163    | ug/L # | 68       |

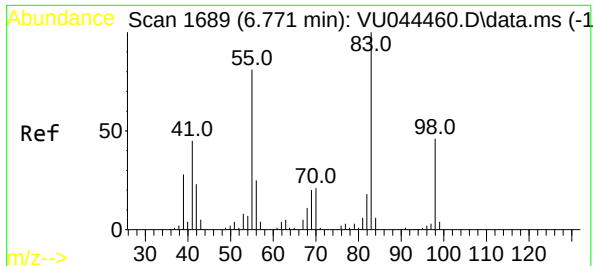
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Aug 20 05:12:49 2021  
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.713 ug/L

RT: 6.697 min Scan# 1666

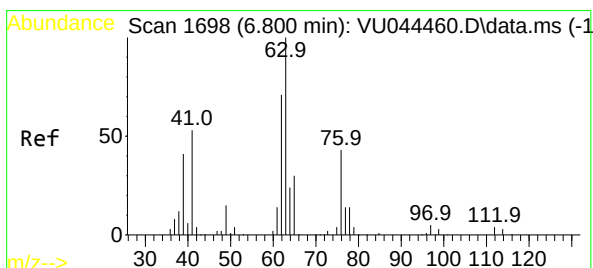
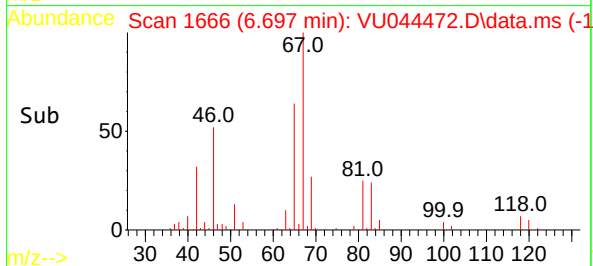
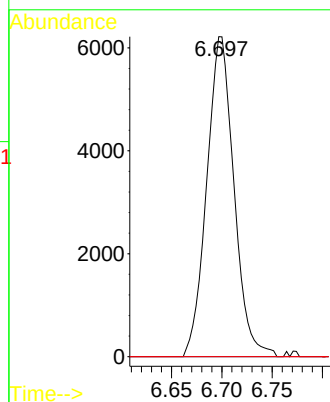
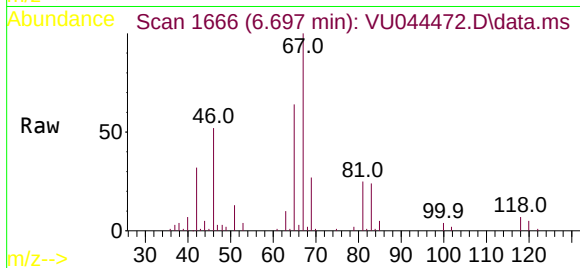
Delta R.T. -0.074 min

Lab File: VU044472.D

Acq: 19 Aug 2021 18:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 11725 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.0   | 64.8  | 97.2# |
| 98       | 1.2   | 37.5  | 56.3# |

Instrument :  
MSVOA\_U  
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.527 ug/L

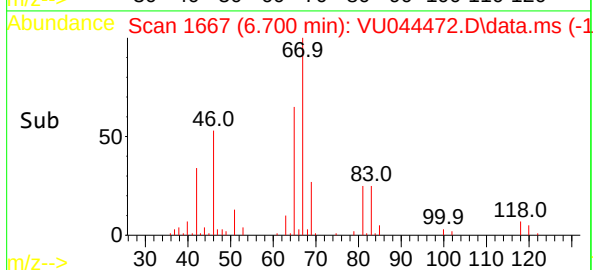
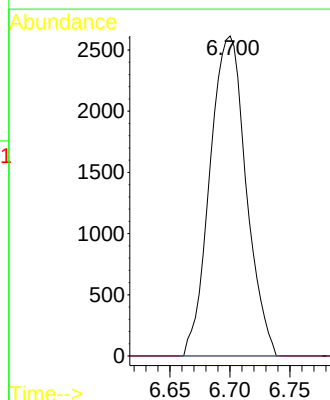
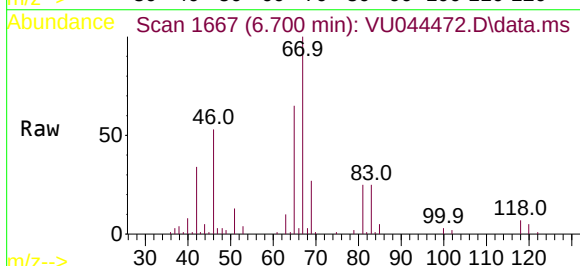
RT: 6.700 min Scan# 1667

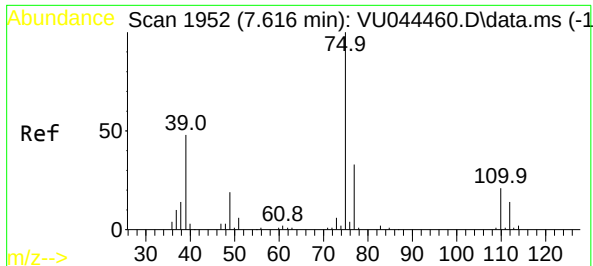
Delta R.T. -0.099 min

Lab File: VU044472.D

Acq: 19 Aug 2021 18:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 5497  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.0   | 3.3   | 4.9#  |



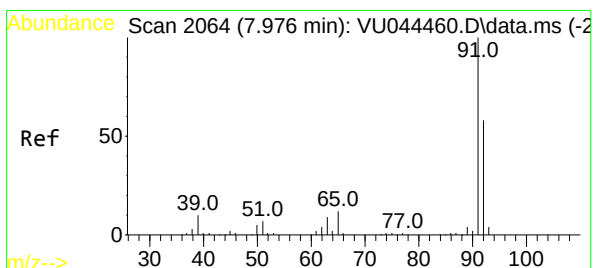
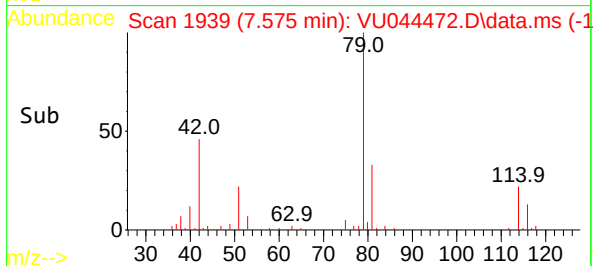
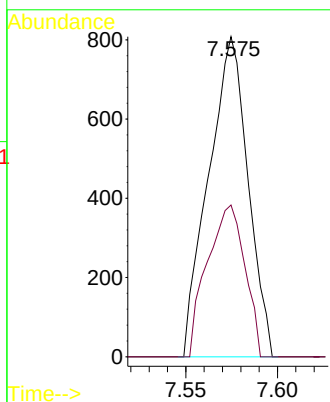
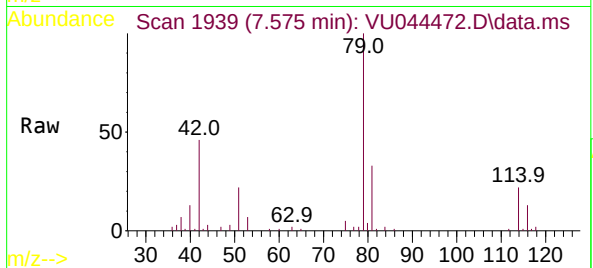


#39

cis-1,3-Dichloropropene  
Concen: 0.082 ug/L  
RT: 7.575 min Scan# 1939  
Delta R.T. -0.042 min  
Lab File: VU044472.D  
Acq: 19 Aug 2021 18:57

Instrument :  
MSVOA\_U  
ClientSampled :

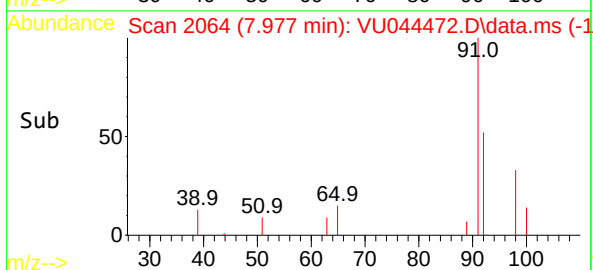
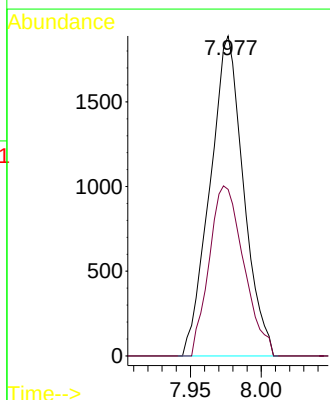
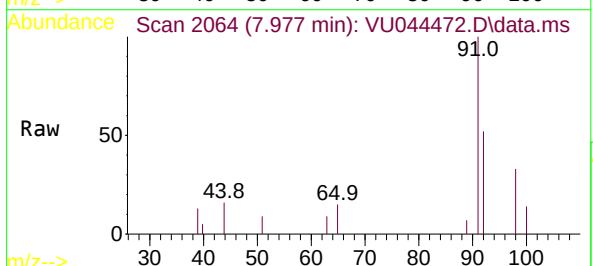
Tgt Ion: 75 Resp: 1205  
Ion Ratio Lower Upper  
75 100  
77 47.4 22.2 41.2#

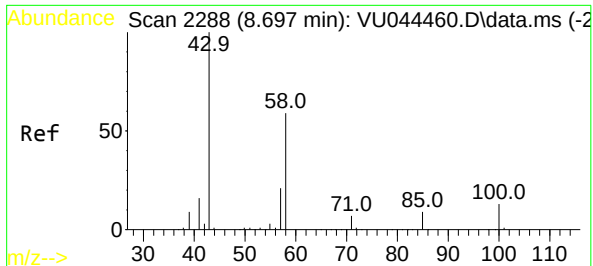


#42

Toluene  
Concen: 0.075 ug/L  
RT: 7.977 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU044472.D  
Acq: 19 Aug 2021 18:57

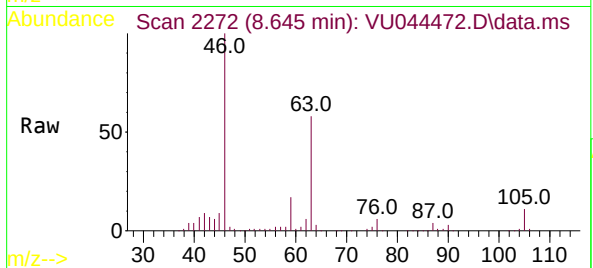
Tgt Ion: 91 Resp: 3104  
Ion Ratio Lower Upper  
91 100  
92 52.0 40.7 75.5



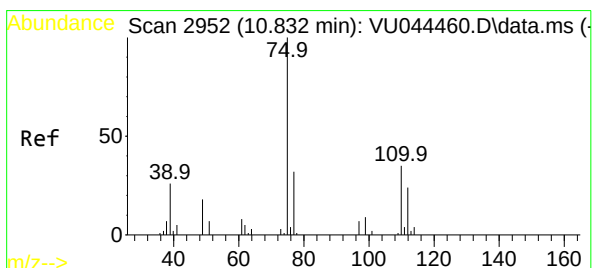
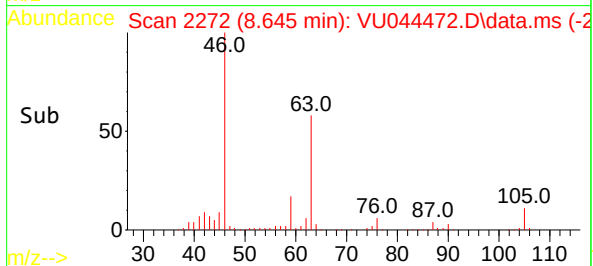
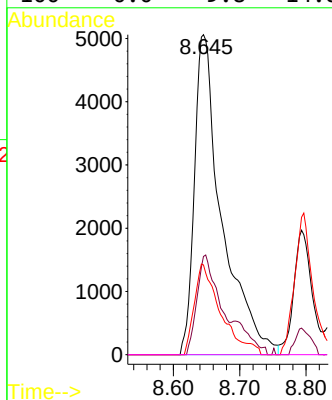


#48  
2-Hexanone  
Concen: 2.875 ug/L  
RT: 8.645 min Scan# 2272  
Delta R.T. -0.051 min  
Lab File: VU044472.D  
Acq: 19 Aug 2021 18:57

Instrument :  
MSVOA\_U  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 14537 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 24.9  | 46.5  | 69.7# |
| 57       | 27.3  | 15.8  | 23.8# |
| 100      | 0.0   | 9.8   | 14.8# |



#61  
1,2,3-Trichloropropane  
Concen: 1.163 ug/L  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.987 min  
Lab File: VU044472.D  
Acq: 19 Aug 2021 18:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 7708  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 2.2   | 28.4  | 42.6# |
| 77       | 29.6  | 26.5  | 39.7  |

