

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090922\  
 Data File : VU050704.D  
 Acq On : 09 Sep 2022 17:05  
 Operator : SY/MD  
 Sample : N4440-005  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 10 01:22:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM090222WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 10 01:20:12 2022  
 Response via : Initial Calibration

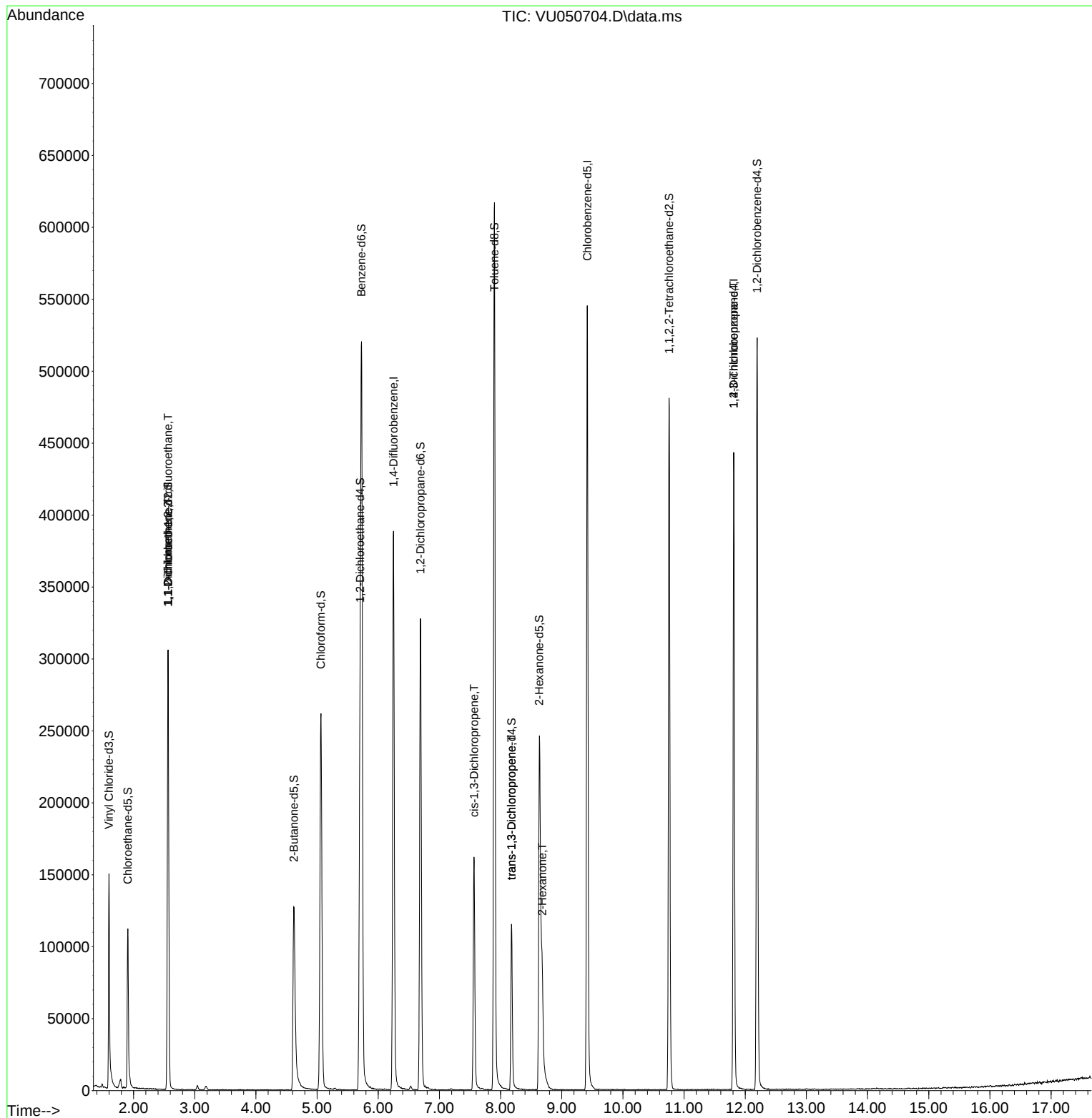
| Compound                      | R.T.    | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|--------|----------|----------|
| -----                         |         |                |          |        |          |          |
| Internal Standards            |         |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114            | 317627   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117            | 319972   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152            | 123359   | 50.000 | ug/L     | 0.00     |
|                               |         |                |          |        |          |          |
| System Monitoring Compounds   |         |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65             | 123923   | 45.615 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =      | 91.240%  |          |
| 7) Chloroethane-d5            | 1.906   | 69             | 89101    | 48.500 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =      | 97.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.562   | 63             | 180667   | 37.633 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 75.260%  |          |
| 21) 2-Butanone-d5             | 4.620   | 46             | 177689   | 89.398 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =      | 89.400%  |          |
| 24) Chloroform-d              | 5.063   | 84             | 254616   | 49.451 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 98.900%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65             | 159942   | 50.834 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 101.660% |          |
| 32) Benzene-d6                | 5.726   | 84             | 505499   | 47.805 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 95.620%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67             | 162991   | 46.949 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =      | 93.900%  |          |
| 41) Toluene-d8                | 7.899   | 98             | 438139   | 48.453 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 96.900%  |          |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79             | 70327    | 48.959 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 97.920%  |          |
| 47) 2-Hexanone-d5             | 8.632   | 63             | 72065    | 82.525 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =      | 82.520%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755  | 84             | 245425   | 46.716 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =      | 93.440%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152            | 143392   | 49.655 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 99.320%  |          |
|                               |         |                |          |        |          |          |
| Target Compounds              |         |                |          |        |          | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565   | 101            | 1685     | 0.679  | ug/L #   | 21       |
| 12) 1,1-Dichloroethene        | 2.565   | 96             | 1180     | 0.489  | ug/L #   | 1        |
| 39) cis-1,3-Dichloropropene   | 7.568   | 75             | 4178     | 1.004  | ug/L #   | 74       |
| 44) trans-1,3-Dichloropropene | 8.179   | 75             | 2945     | 0.754  | ug/L     | 93       |
| 48) 2-Hexanone                | 8.681   | 43             | 39957    | 10.214 | ug/L #   | 84       |
| 60) 1,2,3-Trichloropropane    | 11.812  | 75             | 14316    | 3.955  | ug/L #   | 69       |
| -----                         |         |                |          |        |          |          |

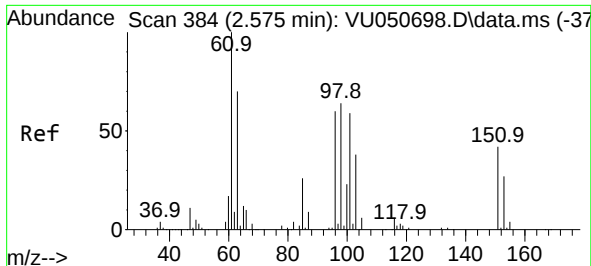
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Sat Sep 10 01:20:12 2022  
Response via : Initial Calibration

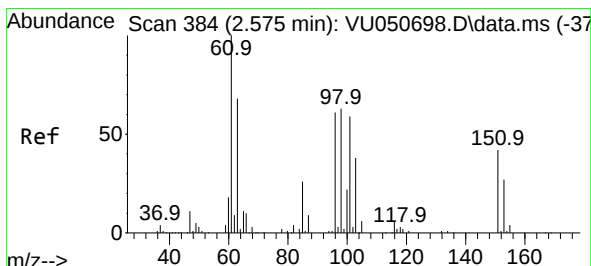
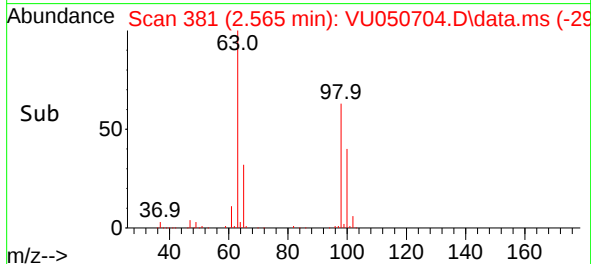
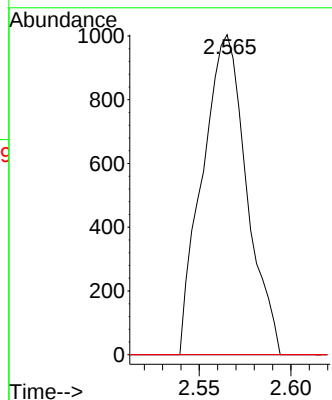
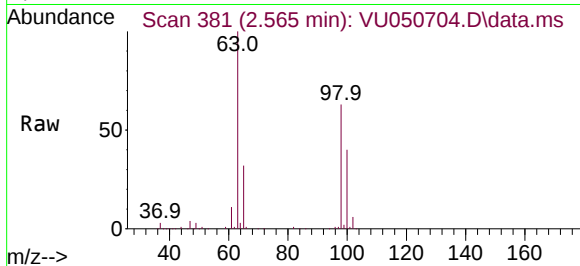




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.679 ug/L  
 RT: 2.565 min Scan# 381  
 Delta R.T. -0.010 min  
 Lab File: VU050704.D  
 Acq: 09 Sep 2022 17:05

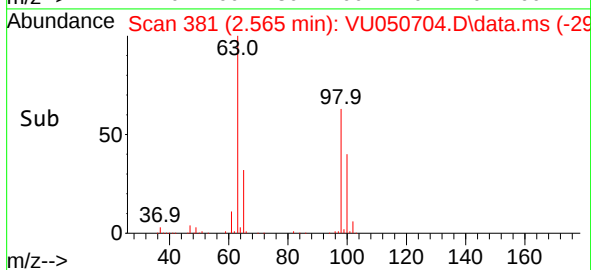
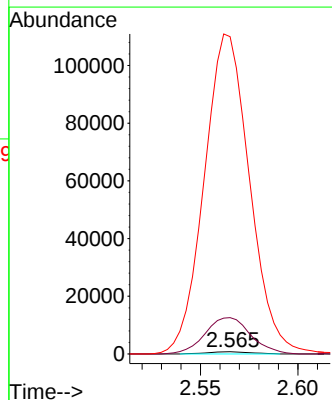
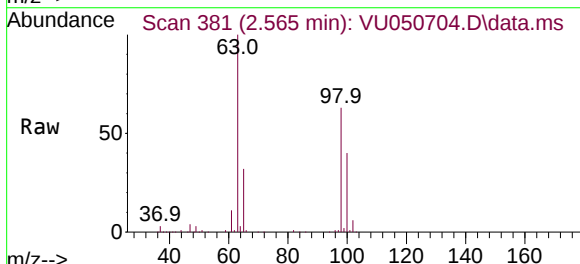
Instrument :  
 MSVOA\_U  
 ClientSampleId :

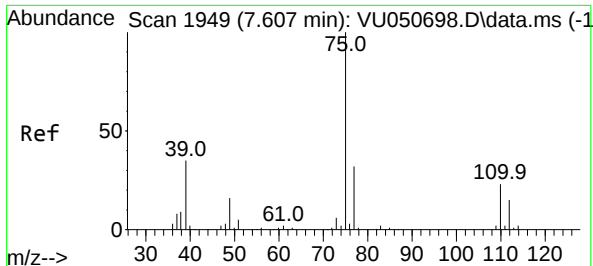
Tgt Ion:101 Resp: 1685  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 34.4 51.6#  
 151 0.0 57.7 86.5#



#12  
 1,1-Dichloroethene  
 Concen: 0.489 ug/L  
 RT: 2.565 min Scan# 381  
 Delta R.T. -0.010 min  
 Lab File: VU050704.D  
 Acq: 09 Sep 2022 17:05

Tgt Ion: 96 Resp: 1180  
 Ion Ratio Lower Upper  
 96 100  
 61 1663.2 118.0 219.1#  
 63 14551.3 79.5 147.7#





#39

cis-1,3-Dichloropropene

Concen: 1.004 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050704.D

Acq: 09 Sep 2022 17:05

Instrument :

MSVOA\_U

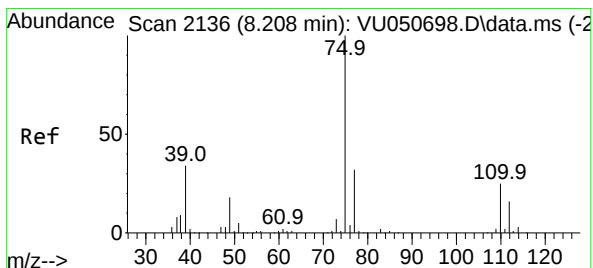
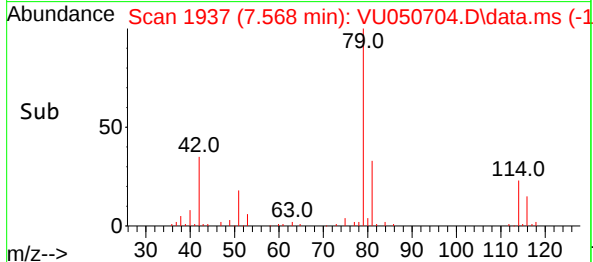
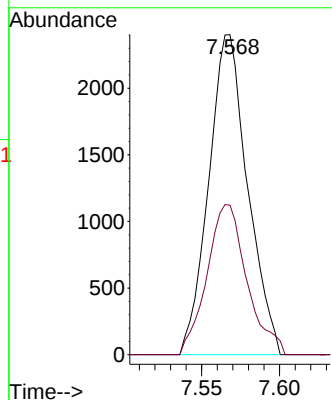
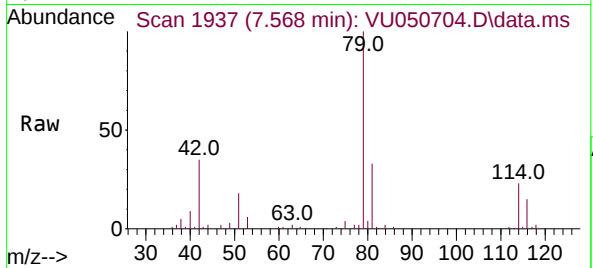
ClientSampleId :

Tgt Ion: 75 Resp: 4178

Ion Ratio Lower Upper

75 100

77 46.8 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU050704.D

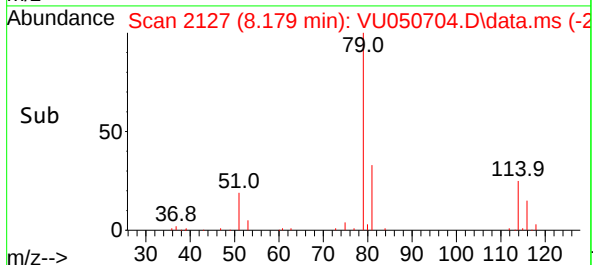
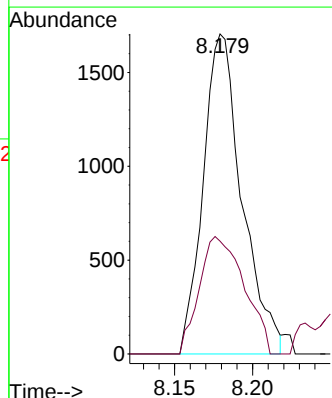
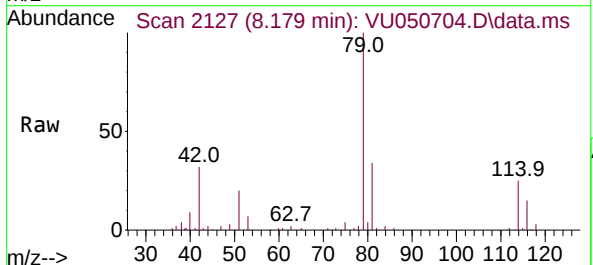
Acq: 09 Sep 2022 17:05

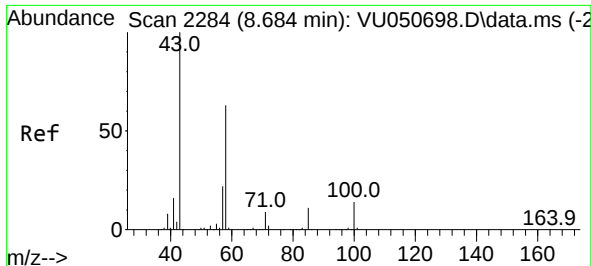
Tgt Ion: 75 Resp: 2945

Ion Ratio Lower Upper

75 100

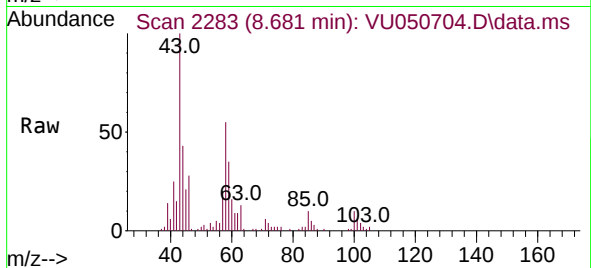
77 35.2 22.1 41.1



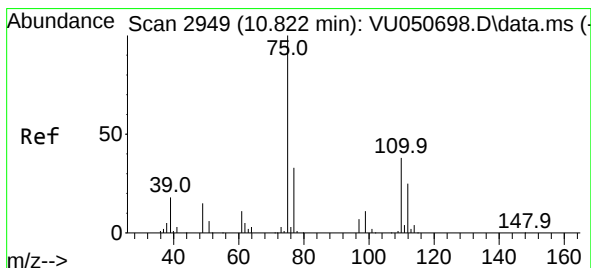
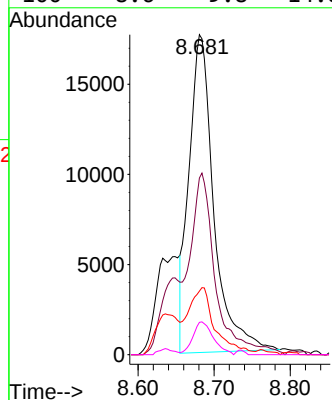
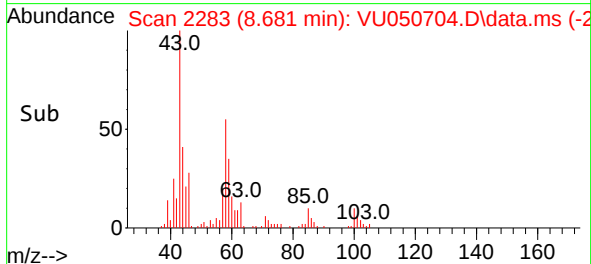


#48  
2-Hexanone  
Concen: 10.214 ug/L  
RT: 8.681 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: VU050704.D  
Acq: 09 Sep 2022 17:05

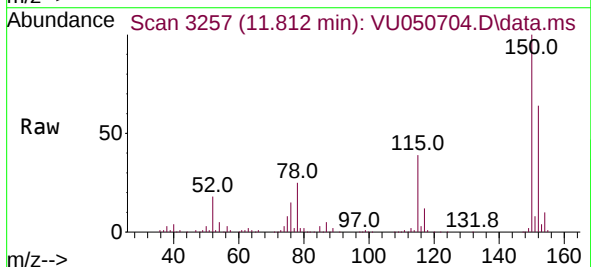
Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 43 Resp: 39957  
Ion Ratio Lower Upper  
43 100  
58 49.2 51.8 77.6#  
57 17.7 17.0 25.4  
100 8.6 9.8 14.8#



#60  
1,2,3-Trichloropropane  
Concen: 3.955 ug/L  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.990 min  
Lab File: VU050704.D  
Acq: 09 Sep 2022 17:05



Tgt Ion: 75 Resp: 14316  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.8 38.8  
110 3.0 29.3 43.9#

