

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092623\  
 Data File : VU055522.D  
 Acq On : 26 Sep 2023 17:26  
 Operator : MD/SY  
 Sample : VIBLK  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 27 04:51:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 27 04:44:22 2023  
 Response via : Initial Calibration

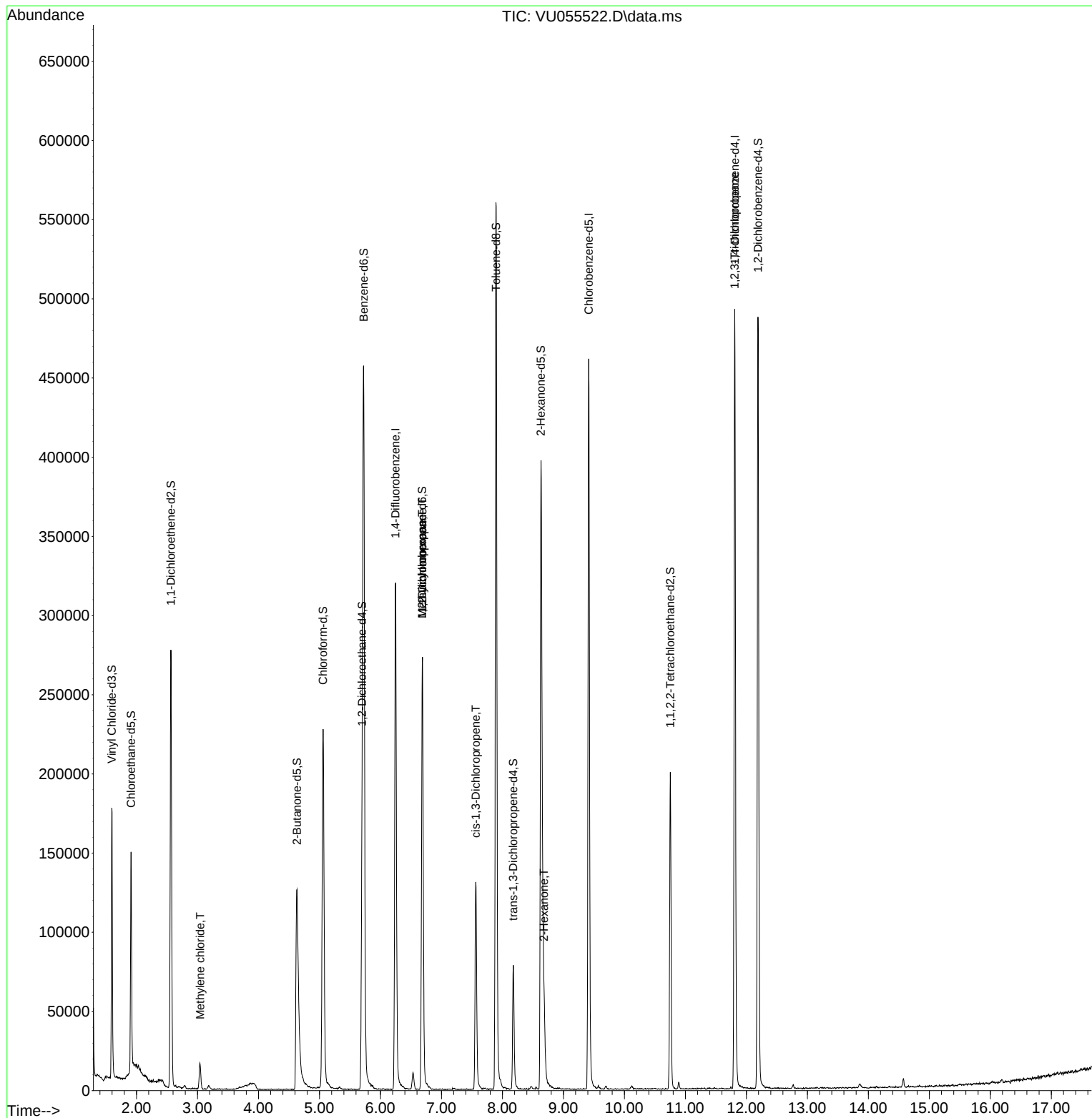
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114            | 268592   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 275819   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152            | 135253   | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 125757   | 4.633  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 92.600% |          |
| 7) Chloroethane-d5            | 1.911  | 69             | 96972    | 4.054  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 81.000% |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 52887    | 4.733  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 94.600% |          |
| 20) 2-Butanone-d5             | 4.631  | 46             | 228415   | 46.584 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 93.160% |          |
| 24) Chloroform-d              | 5.058  | 84             | 224277   | 4.568  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.400% |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 106298   | 4.501  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.000% |          |
| 32) Benzene-d6                | 5.724  | 84             | 453819   | 4.704  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.000% |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 136621   | 4.740  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.800% |          |
| 41) Toluene-d8                | 7.894  | 98             | 390994   | 4.447  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 89.000% |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 49233    | 4.867  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 97.400% |          |
| 46) 2-Hexanone-d5             | 8.631  | 63             | 131162   | 42.628 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 85.260% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 99085    | 4.587  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 91.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 134112   | 4.913  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 98.200% |          |
| Target Compounds              |        |                |          |        |         |          |
| 16) Methylene chloride        | 3.042  | 84             | 8201     | 0.365  | ug/L    | 95       |
| 35) Methylcyclohexane         | 6.685  | 83             | 32430    | 1.003  | ug/L #  | 20       |
| 37) 1,2-Dichloropropane       | 6.688  | 63             | 15091    | 0.727  | ug/L #  | 89       |
| 39) cis-1,3-Dichloropropene   | 7.563  | 75             | 3354     | 0.121  | ug/L #  | 54       |
| 48) 2-Hexanone                | 8.682  | 43             | 27085    | 3.711  | ug/L #  | 84       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 16334    | 1.547  | ug/L #  | 68       |

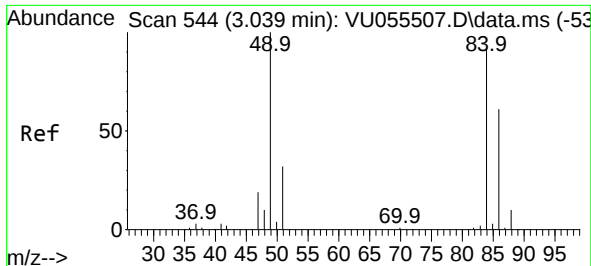
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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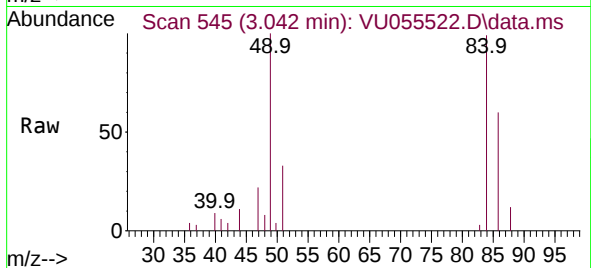
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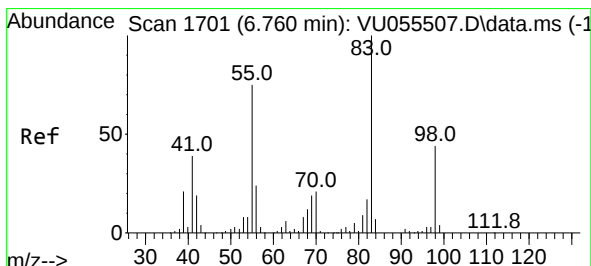
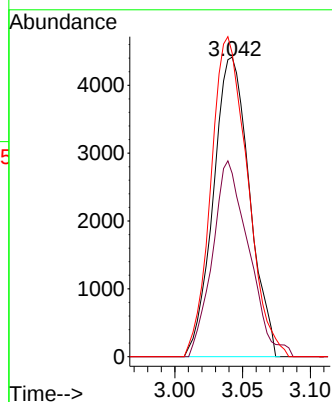
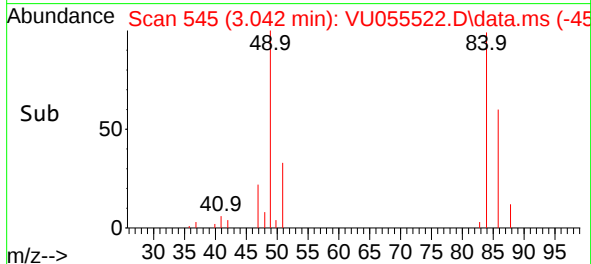


#16  
Methylene chloride  
Concen: 0.365 ug/L  
RT: 3.042 min Scan# 544  
Delta R.T. 0.003 min  
Lab File: VU055522.D  
Acq: 26 Sep 2023 17:26

Instrument :  
MSVOA\_U  
ClientSampleId :

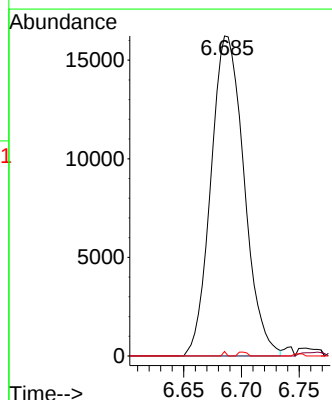
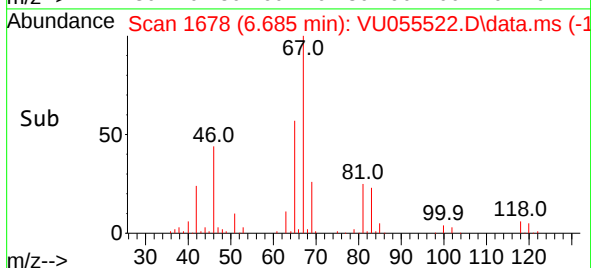
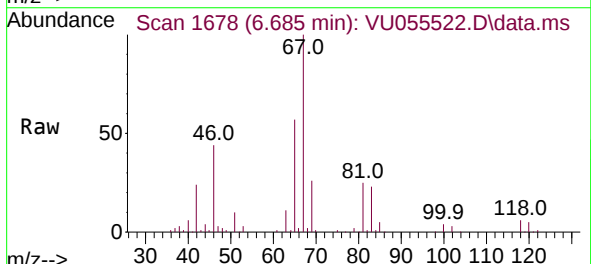


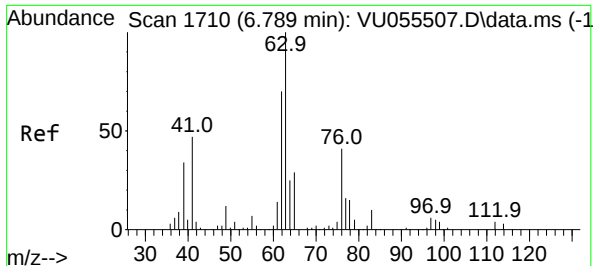
Tgt Ion: 84 Resp: 8201  
Ion Ratio Lower Upper  
84 100  
86 61.2 44.9 83.3  
49 105.6 78.8 146.3



#35  
Methylcyclohexane  
Concen: 1.003 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.074 min  
Lab File: VU055522.D  
Acq: 26 Sep 2023 17:26

Tgt Ion: 83 Resp: 32430  
Ion Ratio Lower Upper  
83 100  
55 0.0 59.1 88.7#  
98 0.1 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.727 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055522.D

Acq: 26 Sep 2023 17:26

Instrument :

MSVOA\_U

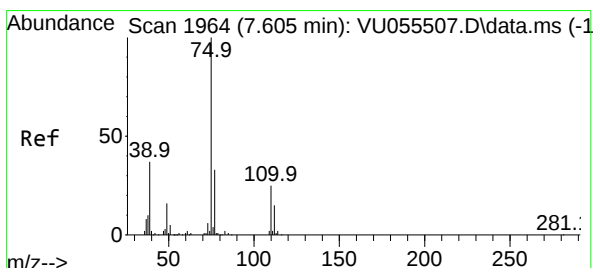
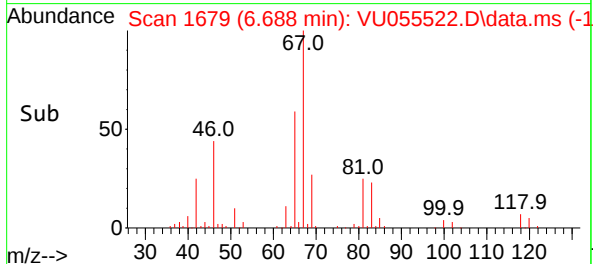
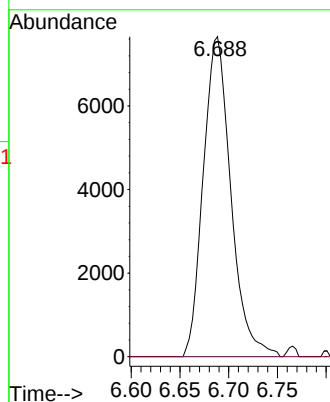
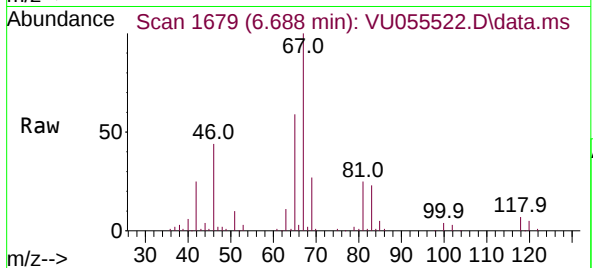
ClientSampleId :

Tgt Ion: 63 Resp: 15091

Ion Ratio Lower Upper

63 100

112 0.1 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.042 min

Lab File: VU055522.D

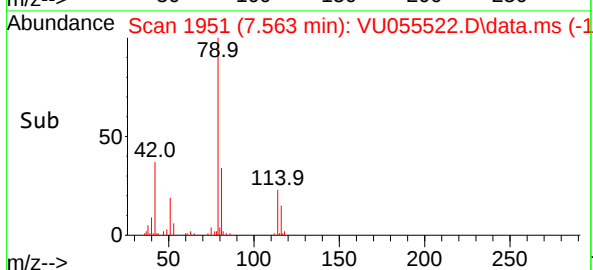
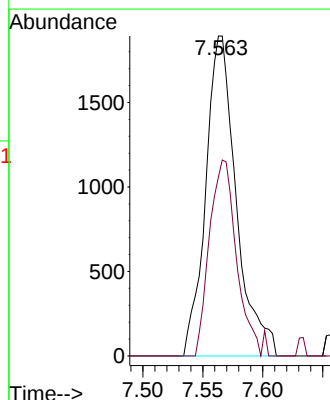
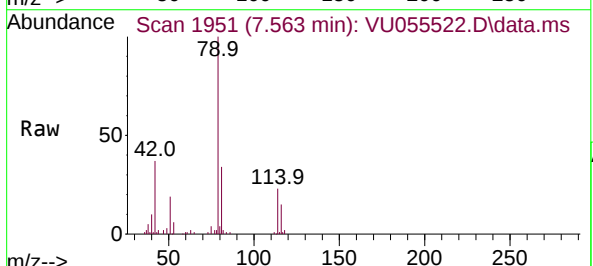
Acq: 26 Sep 2023 17:26

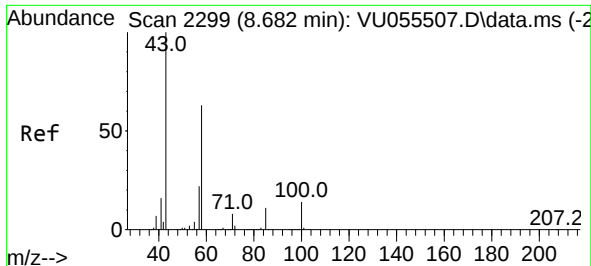
Tgt Ion: 75 Resp: 3354

Ion Ratio Lower Upper

75 100

77 56.0 21.6 40.2#

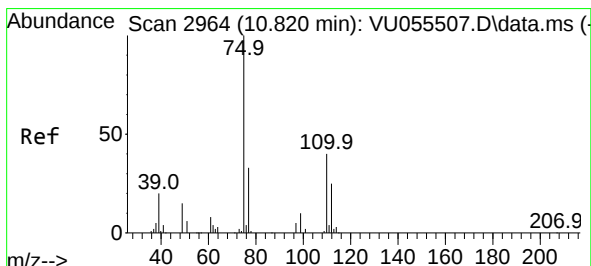
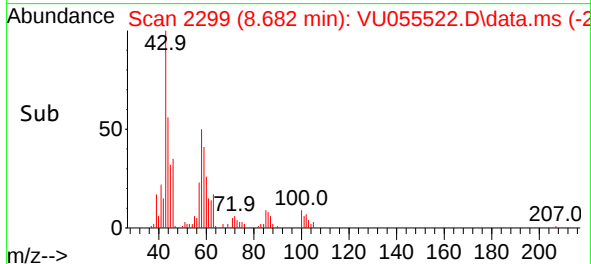
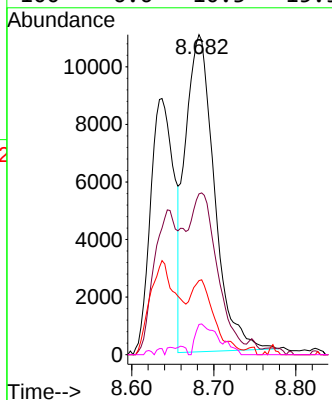
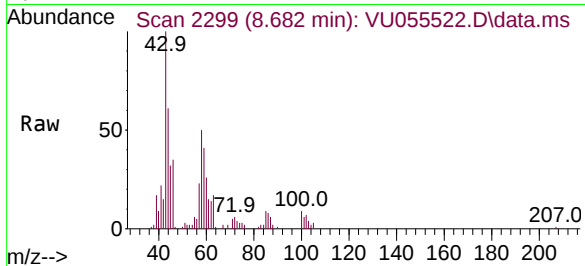




#48  
2-Hexanone  
Concen: 3.711 ug/L  
RT: 8.682 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU055522.D  
Acq: 26 Sep 2023 17:26

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 43 Resp: 27085  
Ion Ratio Lower Upper  
43 100  
58 45.5 48.5 72.7#  
57 19.8 17.0 25.4  
100 6.6 10.3 15.5#



#61  
1,2,3-Trichloropropane  
Concen: 1.547 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.987 min  
Lab File: VU055522.D  
Acq: 26 Sep 2023 17:26

Tgt Ion: 75 Resp: 16334  
Ion Ratio Lower Upper  
75 100  
110 2.2 30.6 45.8#  
77 32.7 26.7 40.1

