

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092623\  
 Data File : VU055513.D  
 Acq On : 26 Sep 2023 13:33  
 Operator : MD/SY  
 Sample : 04610-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 27 04:48:32 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

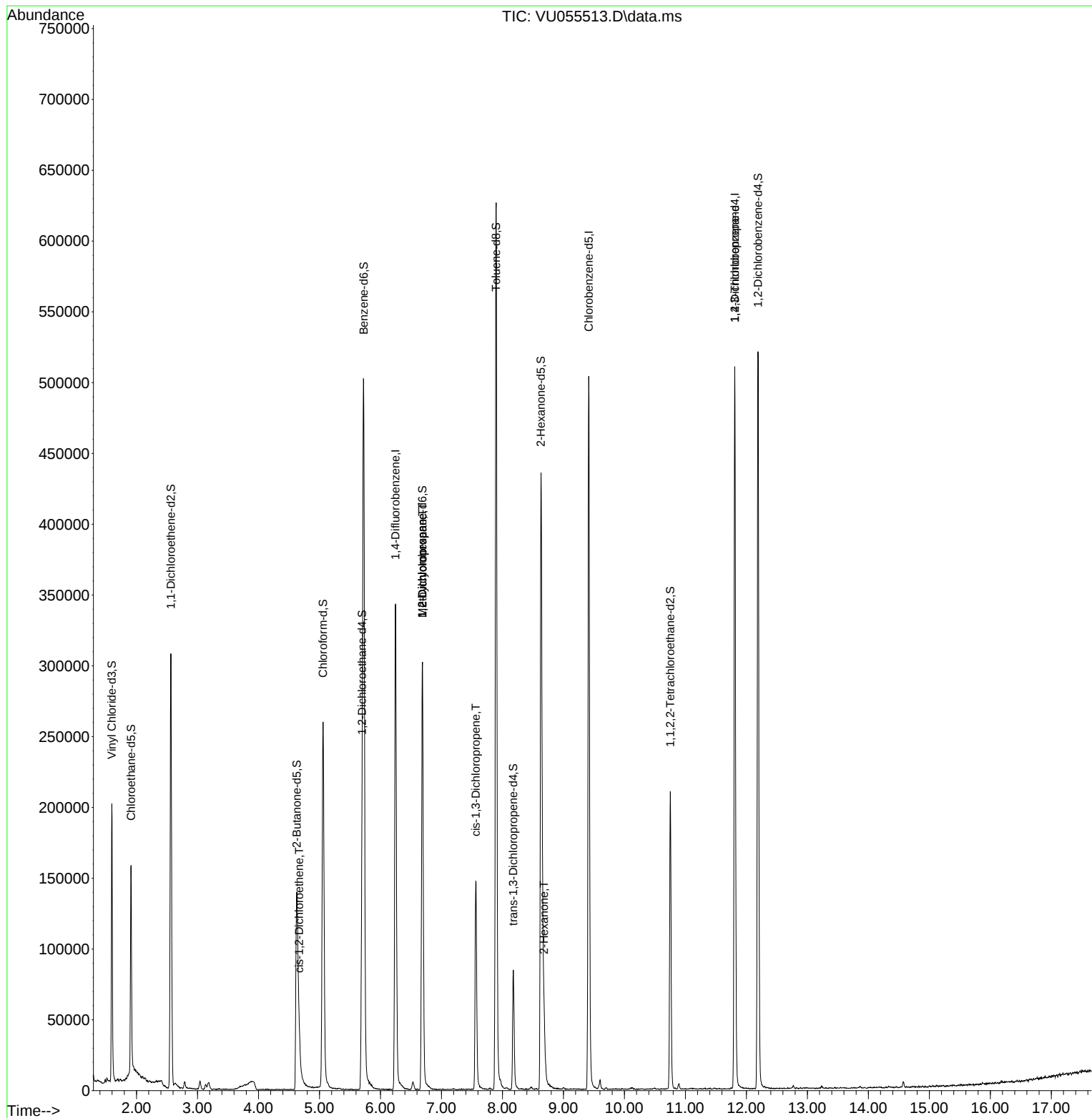
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114            | 286471   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 294689   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152            | 140521   | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 140109   | 4.839  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 96.800%  |          |
| 7) Chloroethane-d5            | 1.910  | 69             | 105468   | 4.134  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 82.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 57236    | 4.803  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 96.000%  |          |
| 20) 2-Butanone-d5             | 4.627  | 46             | 243192   | 46.503 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 93.000%  |          |
| 24) Chloroform-d              | 5.058  | 84             | 244555   | 4.670  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 118408   | 4.700  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 94.000%  |          |
| 32) Benzene-d6                | 5.724  | 84             | 495690   | 4.809  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.688  | 67             | 152850   | 4.963  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 99.200%  |          |
| 41) Toluene-d8                | 7.897  | 98             | 435001   | 4.630  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.600%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 52007    | 4.812  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 96.200%  |          |
| 46) 2-Hexanone-d5             | 8.630  | 63             | 141353   | 42.998 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 86.000%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 107320   | 4.650  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 93.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 143737   | 5.068  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 101.400% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 22) cis-1,2-Dichloroethene    | 4.666  | 96             | 5203     | 0.222  | ug/L     | 88       |
| 35) Methylcyclohexane         | 6.688  | 83             | 35068    | 1.015  | ug/L #   | 20       |
| 37) 1,2-Dichloropropane       | 6.688  | 63             | 15434    | 0.696  | ug/L #   | 89       |
| 39) cis-1,3-Dichloropropene   | 7.563  | 75             | 3629     | 0.123  | ug/L #   | 67       |
| 48) 2-Hexanone                | 8.682  | 43             | 26482    | 3.396  | ug/L #   | 83       |
| 61) 1,2,3-Trichloropropane    | 11.810 | 75             | 16066    | 1.465  | ug/L #   | 68       |
| -----                         |        |                |          |        |          |          |

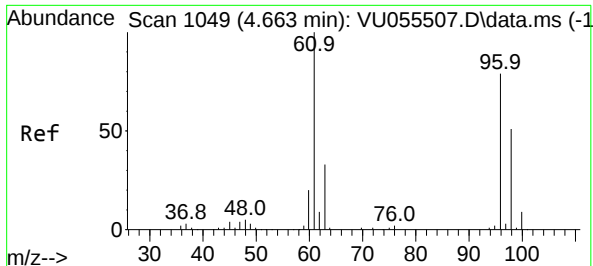
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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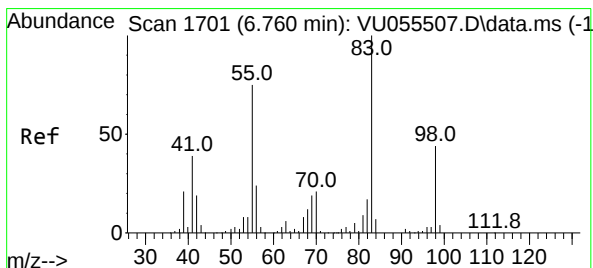
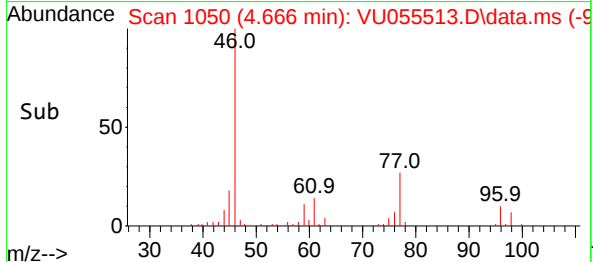
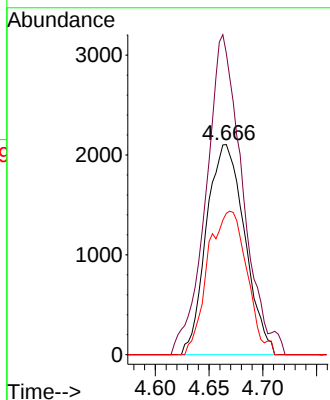
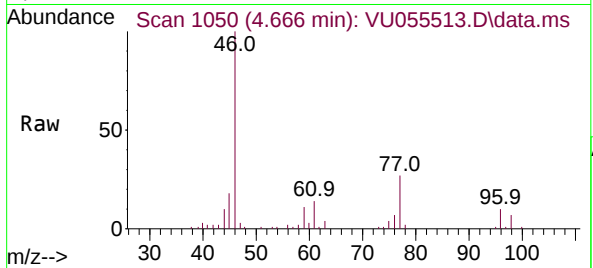




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.222 ug/L  
 RT: 4.666 min Scan# 1050  
 Delta R.T. 0.003 min  
 Lab File: VU055513.D  
 Acq: 26 Sep 2023 13:33

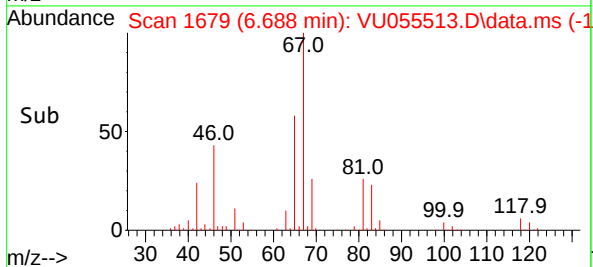
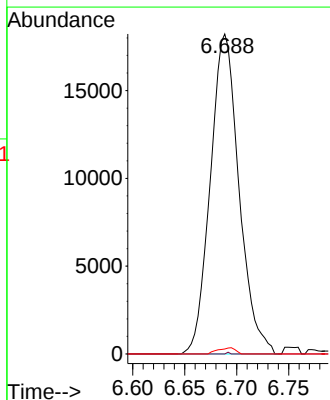
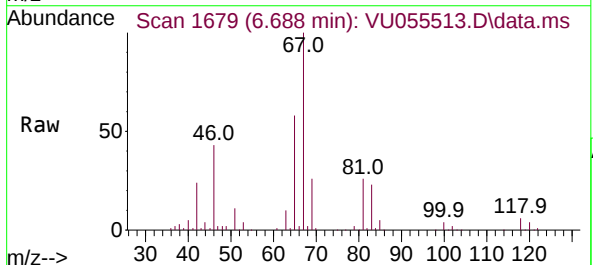
Instrument :  
 MSVOA\_U  
 ClientSampleId :

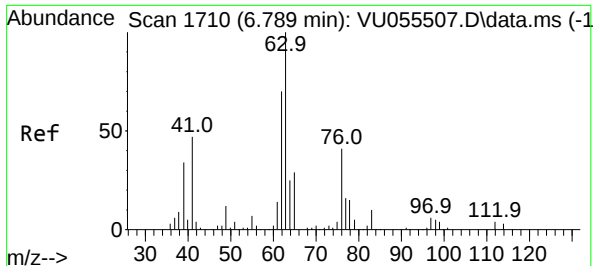
Tgt Ion: 96 Resp: 5203  
 Ion Ratio Lower Upper  
 96 100  
 61 143.3 87.8 163.2  
 98 67.3 44.4 82.4



#35  
 Methylcyclohexane  
 Concen: 1.015 ug/L  
 RT: 6.688 min Scan# 1679  
 Delta R.T. -0.071 min  
 Lab File: VU055513.D  
 Acq: 26 Sep 2023 13:33

Tgt Ion: 83 Resp: 35068  
 Ion Ratio Lower Upper  
 83 100  
 55 0.1 59.1 88.7#  
 98 1.2 36.3 54.5#

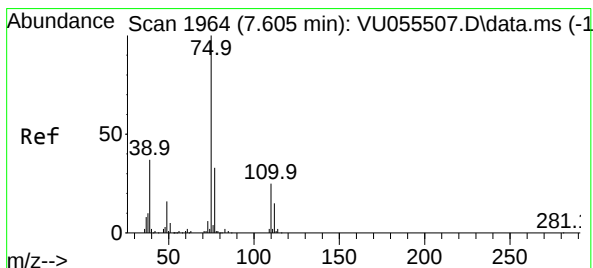
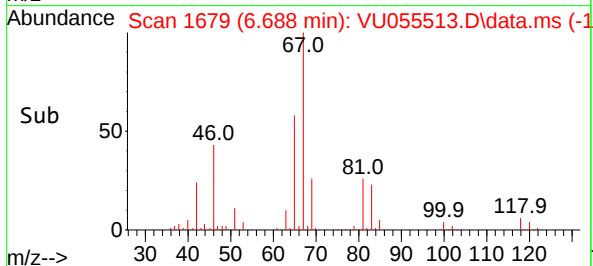
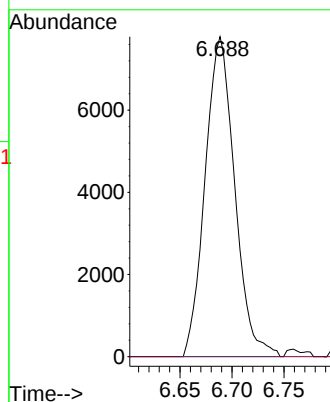
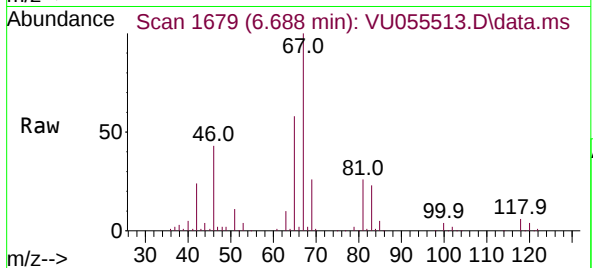




#37  
1,2-Dichloropropane  
Concen: 0.696 ug/L  
RT: 6.688 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU055513.D  
Acq: 26 Sep 2023 13:33

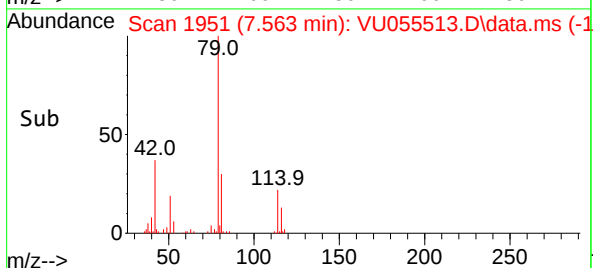
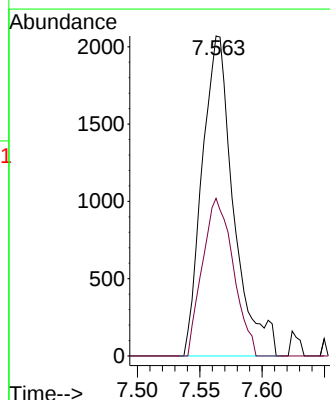
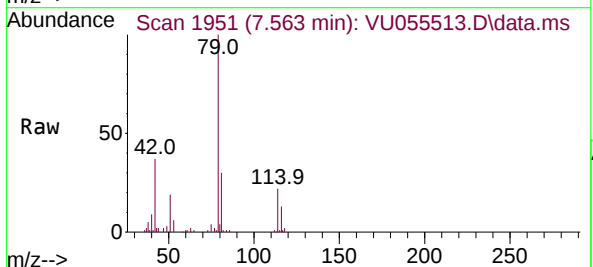
Instrument :  
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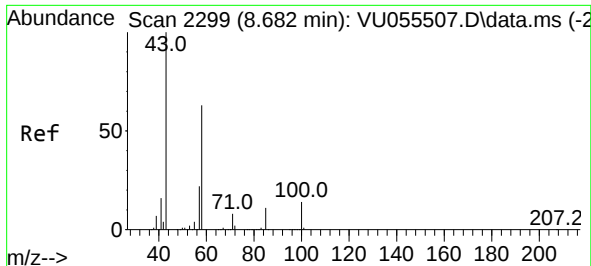
Tgt Ion: 63 Resp: 15434  
Ion Ratio Lower Upper  
63 100  
112 0.1 3.0 4.6#



#39  
cis-1,3-Dichloropropene  
Concen: 0.123 ug/L  
RT: 7.563 min Scan# 1951  
Delta R.T. -0.042 min  
Lab File: VU055513.D  
Acq: 26 Sep 2023 13:33

Tgt Ion: 75 Resp: 3629  
Ion Ratio Lower Upper  
75 100  
77 49.3 21.6 40.2#

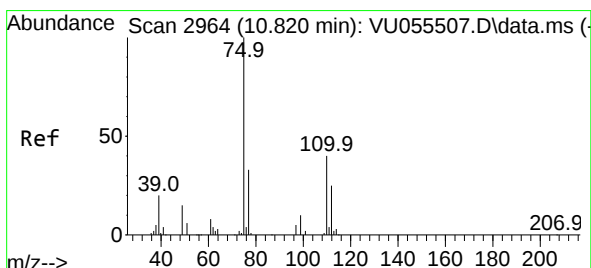
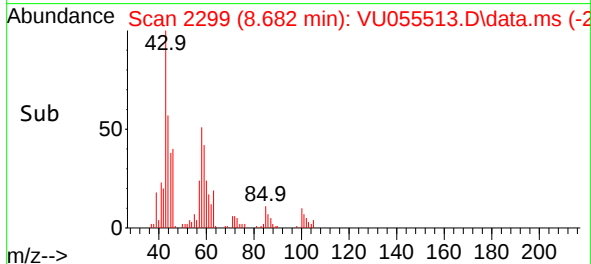
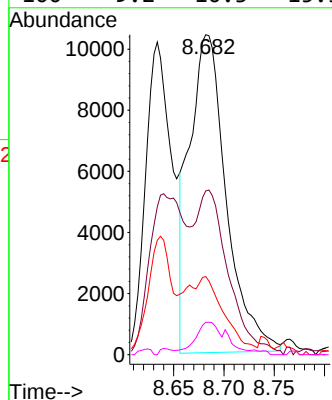
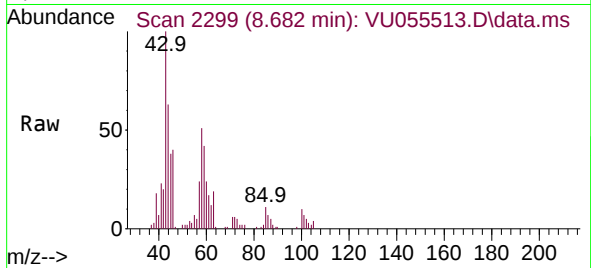




#48  
2-Hexanone  
Concen: 3.396 ug/L  
RT: 8.682 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU055513.D  
Acq: 26 Sep 2023 13:33

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 43 Resp: 26482  
Ion Ratio Lower Upper  
43 100  
58 44.2 48.5 72.7#  
57 17.4 17.0 25.4  
100 9.2 10.3 15.5#



#61  
1,2,3-Trichloropropane  
Concen: 1.465 ug/L  
RT: 11.810 min Scan# 3272  
Delta R.T. 0.990 min  
Lab File: VU055513.D  
Acq: 26 Sep 2023 13:33

Tgt Ion: 75 Resp: 16066  
Ion Ratio Lower Upper  
75 100  
110 2.7 30.6 45.8#  
77 34.0 26.7 40.1

