

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032423\  
 Data File : VU053396.D  
 Acq On : 24 Mar 2023 17:36  
 Operator : JC/MD  
 Sample : 02041-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Mar 25 00:40:46 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Mar 25 00:39:08 2023  
 Response via : Initial Calibration

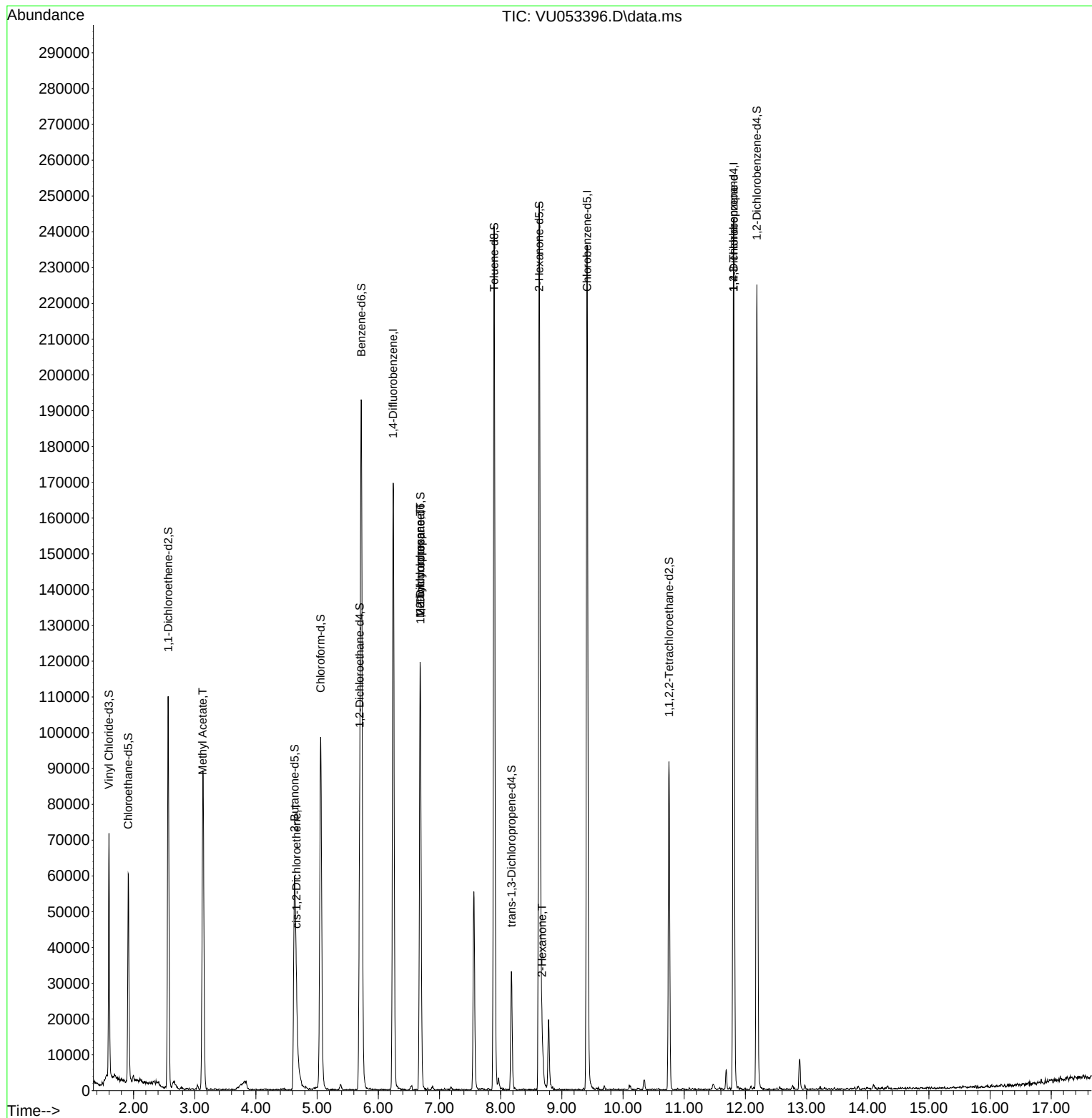
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.243  | 114            | 144595   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117            | 133872   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152            | 63582    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 46512    | 4.676  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 93.600%  |          |
| 7) Chloroethane-d5            | 1.912  | 69             | 42859    | 4.747  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 95.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65             | 19088    | 4.505  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 90.000%  |          |
| 20) 2-Butanone-d5             | 4.632  | 46             | 113619   | 49.860 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 99.720%  |          |
| 24) Chloroform-d              | 5.057  | 84             | 87306    | 4.734  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65             | 45910    | 4.858  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 97.200%  |          |
| 32) Benzene-d6                | 5.722  | 84             | 186109   | 4.905  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 98.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67             | 59223    | 5.123  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 102.400% |          |
| 41) Toluene-d8                | 7.893  | 98             | 169308   | 4.730  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 94.600%  |          |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79             | 20163    | 4.545  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 90.800%  |          |
| 46) 2-Hexanone-d5             | 8.629  | 63             | 88465    | 49.094 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 98.180%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84             | 45287    | 4.706  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 94.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.188 | 152            | 58986    | 5.157  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 103.200% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 15) Methyl Acetate            | 3.128  | 43             | 2244     | 0.707  | ug/L #   | 49       |
| 22) cis-1,2-Dichloroethene    | 4.661  | 96             | 1308     | 0.114  | ug/L #   | 84       |
| 35) Methylcyclohexane         | 6.684  | 83             | 13109    | 0.800  | ug/L #   | 23       |
| 37) 1,2-Dichloropropane       | 6.684  | 63             | 5571     | 0.588  | ug/L #   | 89       |
| 48) 2-Hexanone                | 8.677  | 43             | 6875     | 2.006  | ug/L #   | 81       |
| 61) 1,2,3-Trichloropropane    | 11.806 | 75             | 7856     | 1.491  | ug/L #   | 64       |

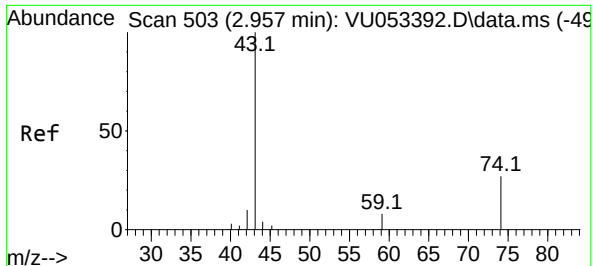
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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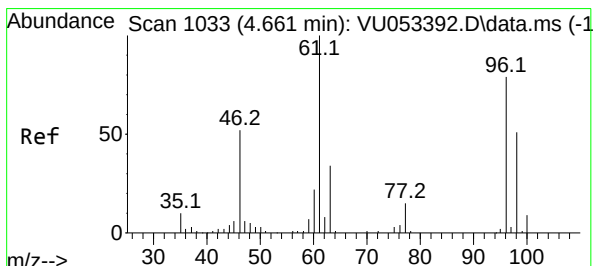
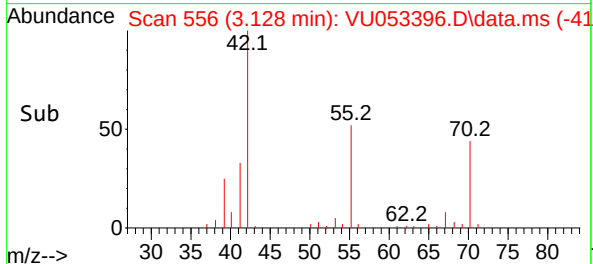
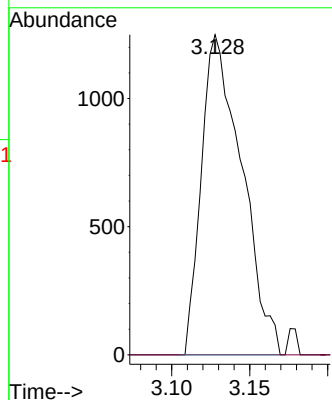
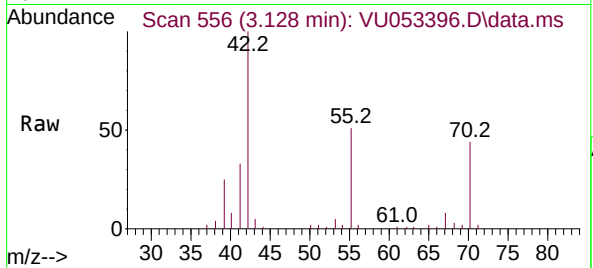




#15  
Methyl Acetate  
Concen: 0.707 ug/L  
RT: 3.128 min Scan# 51  
Delta R.T. 0.170 min  
Lab File: VU053396.D  
Acq: 24 Mar 2023 17:36

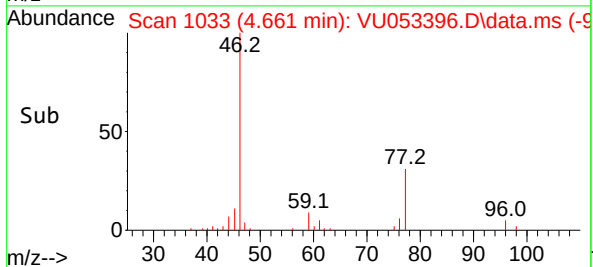
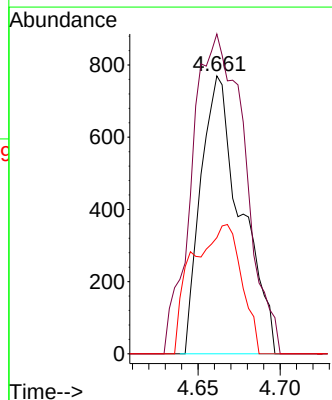
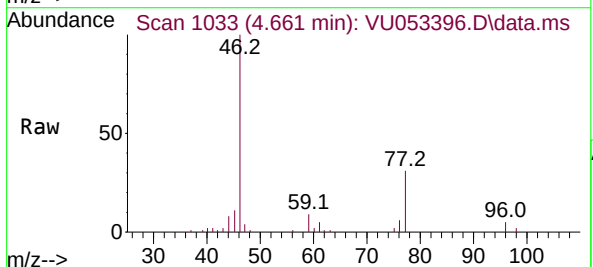
Instrument :  
MSVOA\_U  
ClientSampleId :

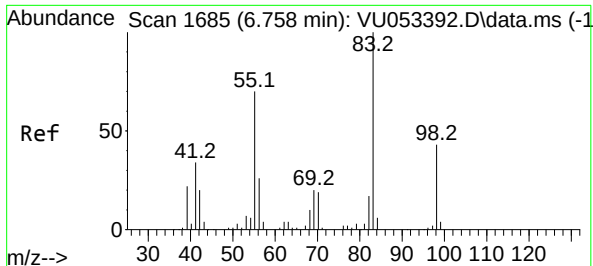
Tgt Ion: 43 Resp: 2244  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.8 31.2#



#22  
cis-1,2-Dichloroethene  
Concen: 0.114 ug/L  
RT: 4.661 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VU053396.D  
Acq: 24 Mar 2023 17:36

Tgt Ion: 96 Resp: 1308  
Ion Ratio Lower Upper  
96 100  
61 115.1 86.6 160.8  
98 41.8 47.7 88.5#

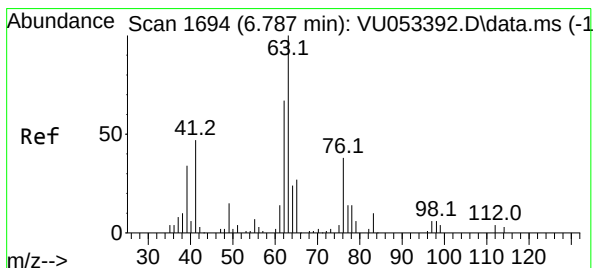
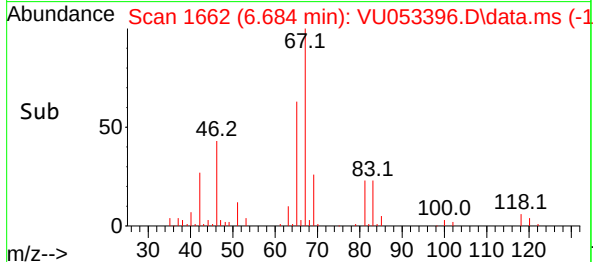
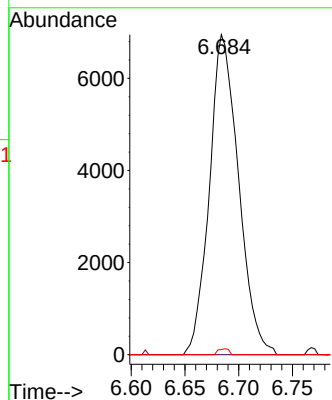
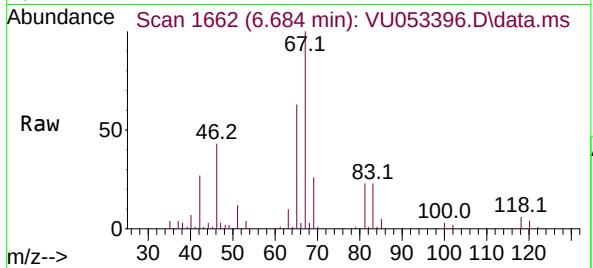




#35  
Methylcyclohexane  
Concen: 0.800 ug/L  
RT: 6.684 min Scan# 1662  
Delta R.T. -0.074 min  
Lab File: VU053396.D  
Acq: 24 Mar 2023 17:36

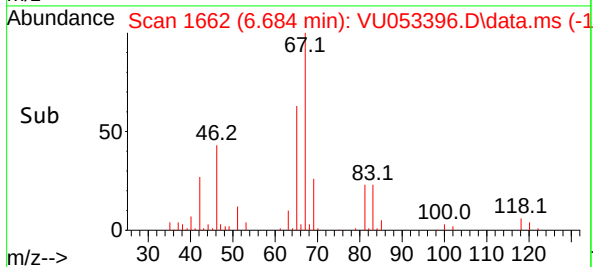
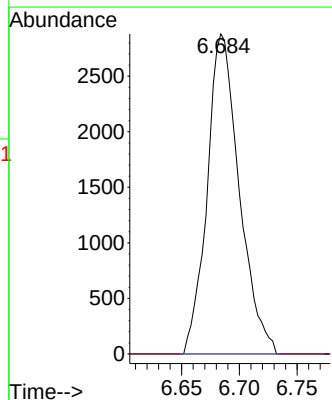
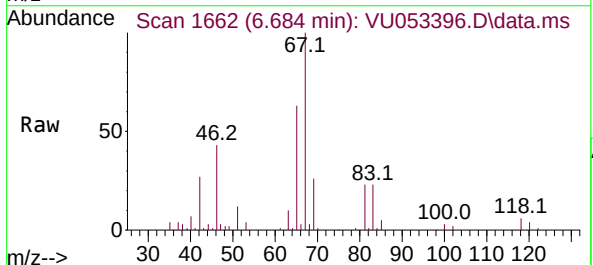
Instrument :  
MSVOA\_U  
ClientSampleId :

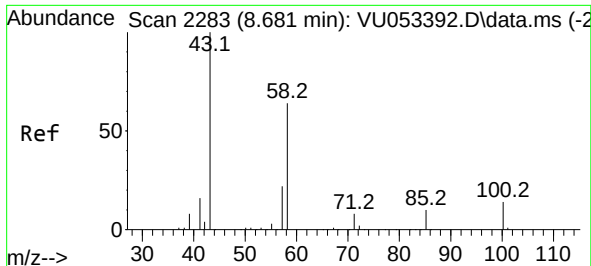
Tgt Ion: 83 Resp: 13109  
Ion Ratio Lower Upper  
83 100  
55 0.2 54.9 82.3#  
98 0.7 34.9 52.3#



#37  
1,2-Dichloropropane  
Concen: 0.588 ug/L  
RT: 6.684 min Scan# 1662  
Delta R.T. -0.103 min  
Lab File: VU053396.D  
Acq: 24 Mar 2023 17:36

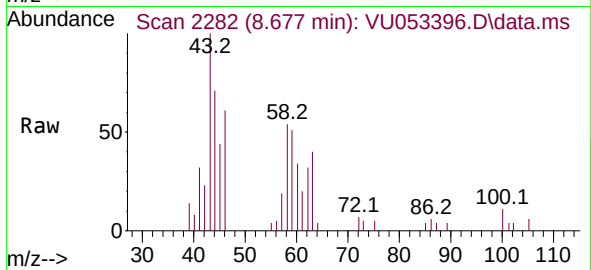
Tgt Ion: 63 Resp: 5571  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#



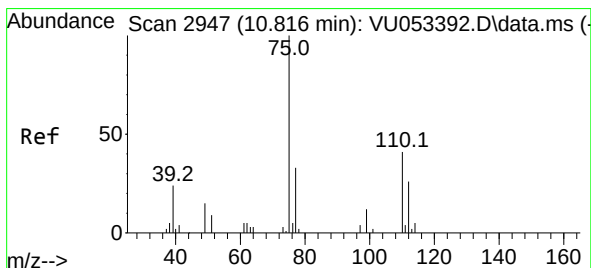
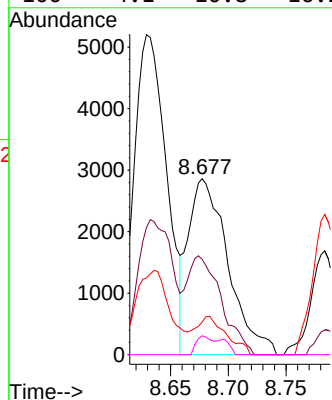
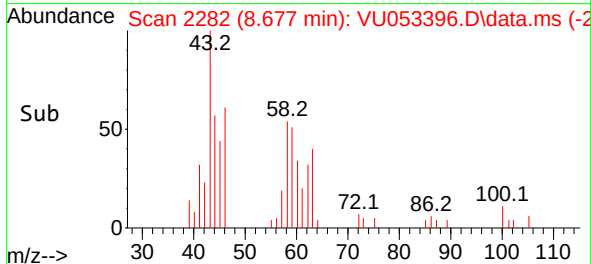


#48  
2-Hexanone  
Concen: 2.006 ug/L  
RT: 8.677 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU053396.D  
Acq: 24 Mar 2023 17:36

Instrument :  
MSVOA\_U  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 6875  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 49.1  | 52.8  | 79.2# |
| 57       | 17.0  | 17.1  | 25.7# |
| 100      | 4.1   | 10.8  | 16.2# |



#61  
1,2,3-Trichloropropane  
Concen: 1.491 ug/L  
RT: 11.806 min Scan# 3255  
Delta R.T. 0.990 min  
Lab File: VU053396.D  
Acq: 24 Mar 2023 17:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 7856  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 1.0   | 30.6  | 46.0# |
| 77       | 36.4  | 26.1  | 39.1  |

