

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092021\  
 Data File : VU044715.D  
 Acq On : 20 Sep 2021 17:40  
 Operator : SY/MD  
 Sample : M3789-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 21 02:50:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090921WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Sep 21 02:46:41 2021  
 Response via : Initial Calibration

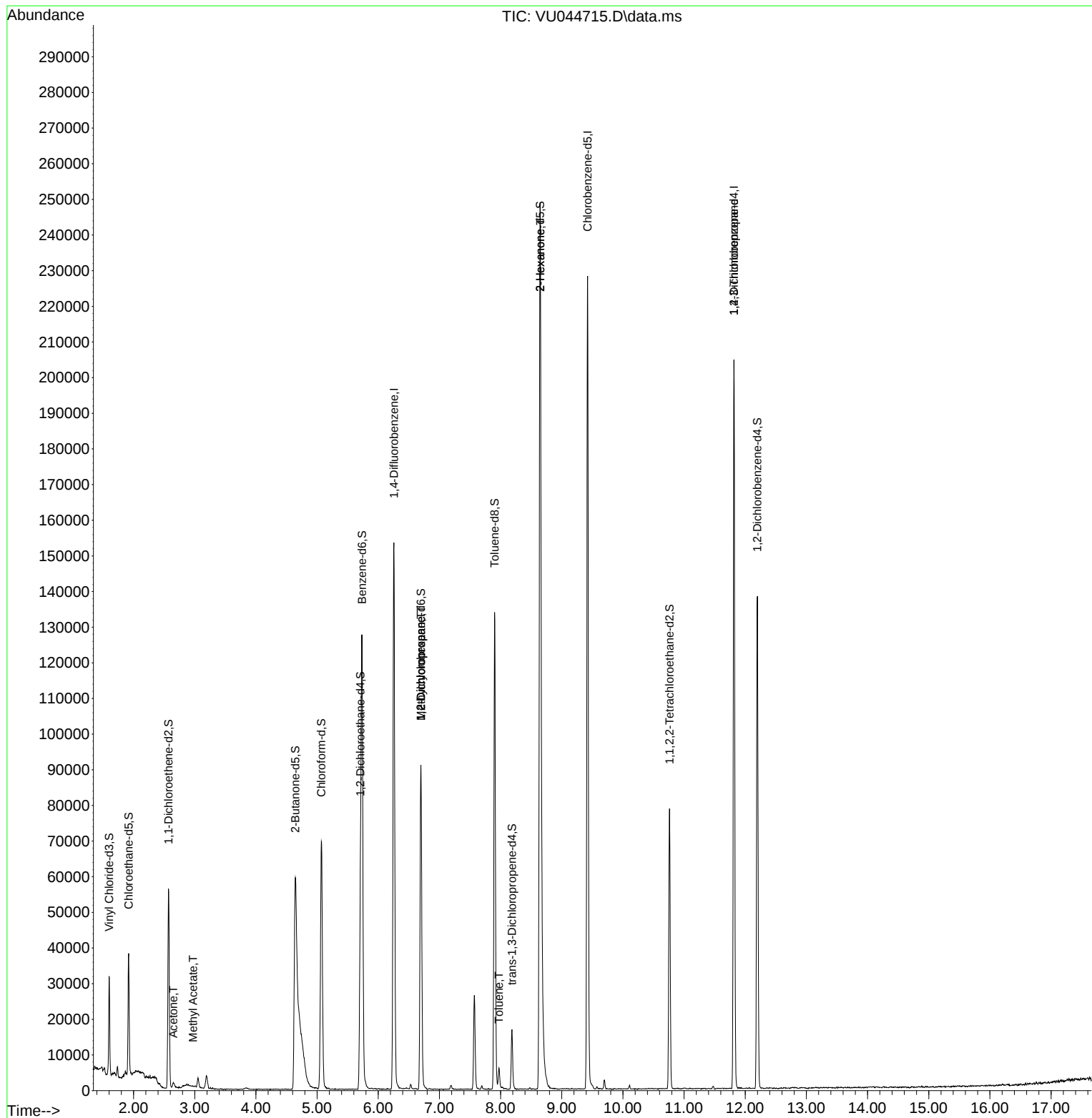
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114            | 115496   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117            | 117217   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816 | 152            | 48600    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65             | 18702    | 2.744  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 54.800%  |          |
| 7) Chloroethane-d5            | 1.919  | 69             | 24300    | 3.494  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 69.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65             | 10982    | 3.191  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 63.800%  |          |
| 20) 2-Butanone-d5             | 4.645  | 46             | 155001   | 54.259 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 108.520% |          |
| 24) Chloroform-d              | 5.070  | 84             | 62743    | 4.377  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 87.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65             | 38754    | 4.534  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.600%  |          |
| 32) Benzene-d6                | 5.735  | 84             | 110822   | 3.708  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 74.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67             | 43061    | 4.387  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 87.800%  |          |
| 41) Toluene-d8                | 7.902  | 98             | 83539    | 3.211  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 64.200%# |          |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79             | 9148     | 2.644  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 52.800%# |          |
| 46) 2-Hexanone-d5             | 8.645  | 63             | 107734   | 48.447 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 96.900%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84             | 39789    | 4.572  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 91.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152            | 32997    | 4.115  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 82.200%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 13) Acetone                   | 2.649  | 43             | 2319     | 1.246  | ug/L     | 85       |
| 15) Methyl Acetate            | 2.973  | 43             | 318      | 0.095  | ug/L #   | 49       |
| 35) Methylcyclohexane         | 6.697  | 83             | 9391     | 0.664  | ug/L #   | 15       |
| 37) 1,2-Dichloropropane       | 6.697  | 63             | 4678     | 0.502  | ug/L #   | 88       |
| 42) Toluene                   | 7.973  | 91             | 4315     | 0.119  | ug/L     | 92       |
| 48) 2-Hexanone                | 8.648  | 43             | 16693    | 3.091  | ug/L #   | 73       |
| 61) 1,2,3-Trichloropropane    | 11.816 | 75             | 7060     | 1.315  | ug/L #   | 66       |
| -----                         |        |                |          |        |          |          |

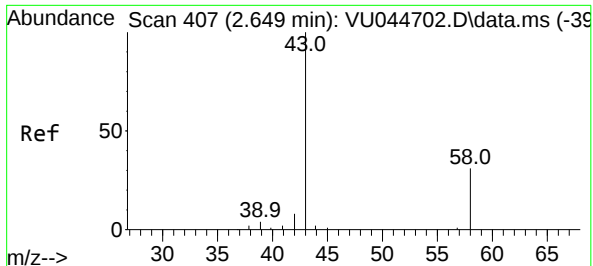
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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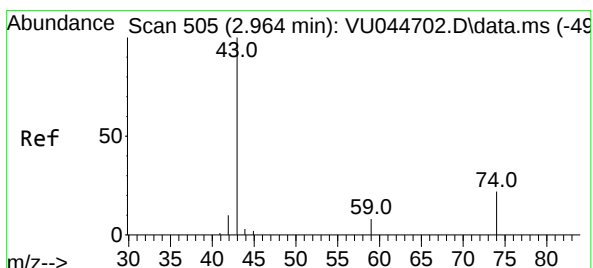
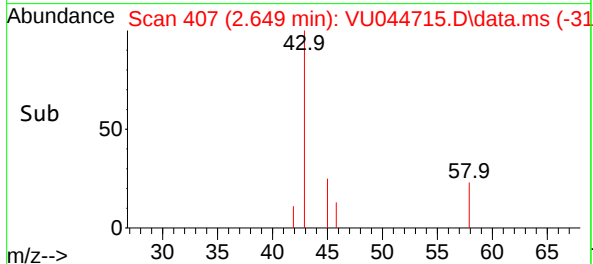
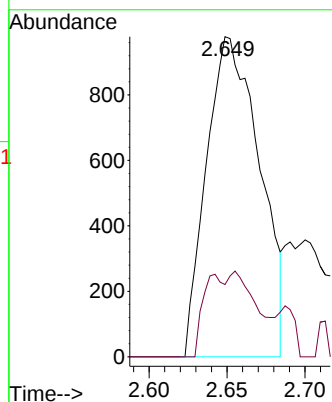
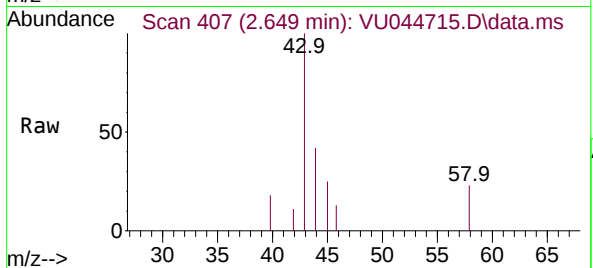




#13  
Acetone  
Concen: 1.246 ug/L  
RT: 2.649 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VU044715.D  
Acq: 20 Sep 2021 17:40

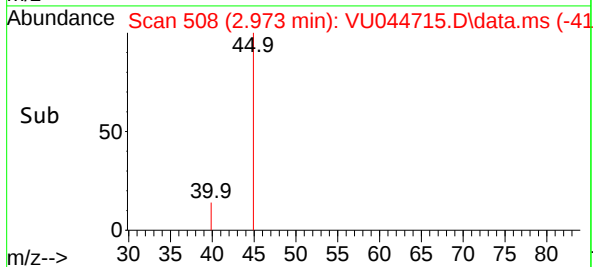
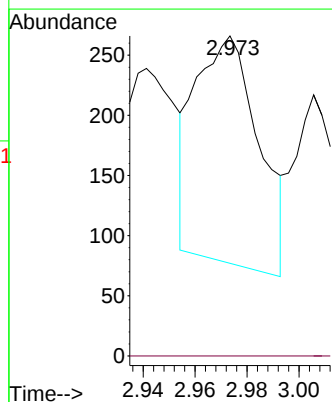
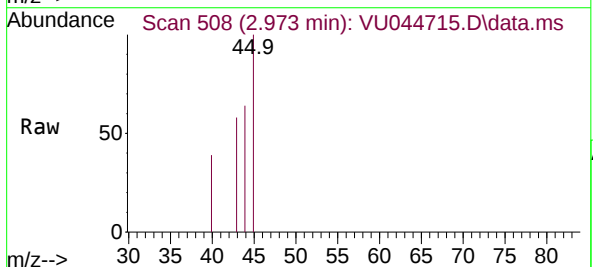
Instrument :  
MSVOA\_U  
ClientSampleId :

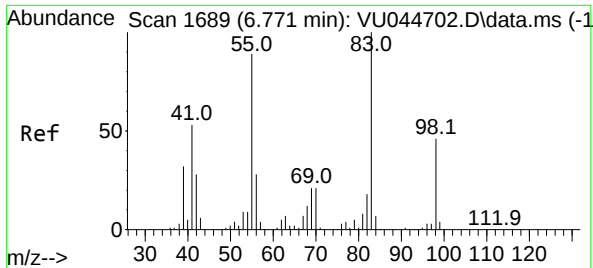
Tgt Ion: 43 Resp: 2319  
Ion Ratio Lower Upper  
43 100  
58 14.1 0.0 42.4



#15  
Methyl Acetate  
Concen: 0.095 ug/L  
RT: 2.973 min Scan# 508  
Delta R.T. 0.010 min  
Lab File: VU044715.D  
Acq: 20 Sep 2021 17:40

Tgt Ion: 43 Resp: 318  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.6 30.8#

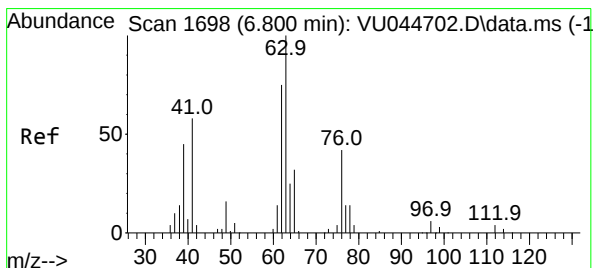
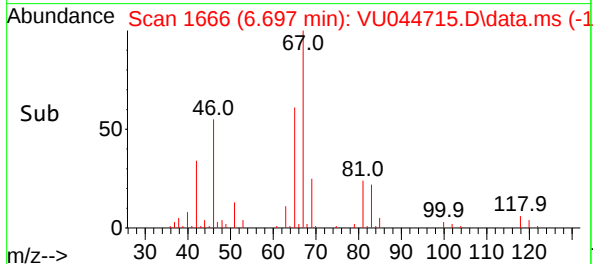
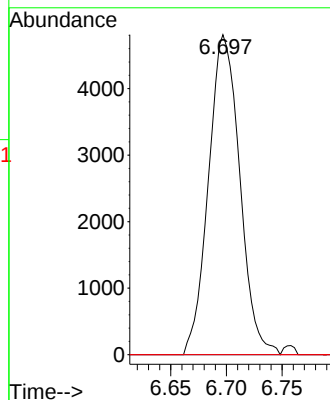
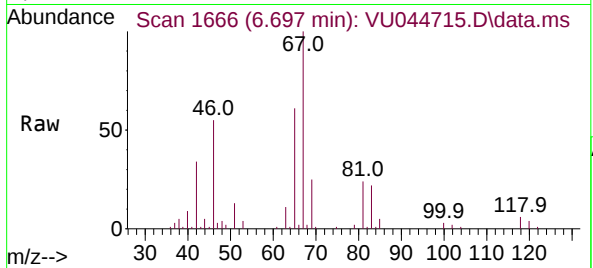




#35  
Methylcyclohexane  
Concen: 0.664 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.074 min  
Lab File: VU044715.D  
Acq: 20 Sep 2021 17:40

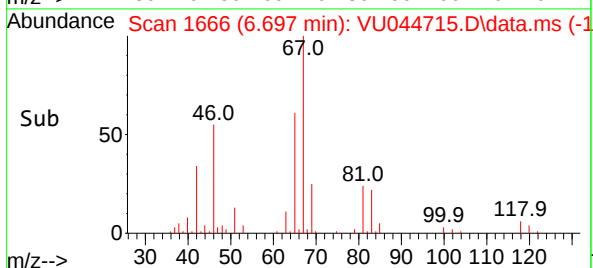
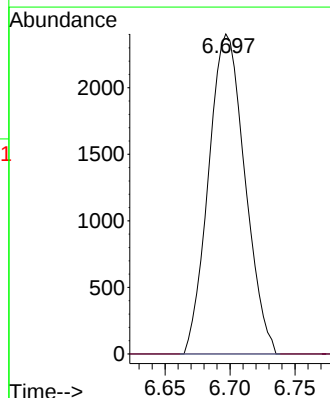
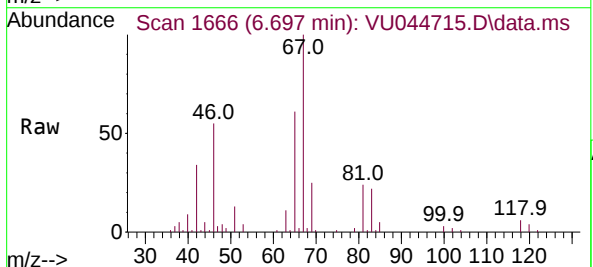
Instrument :  
MSVOA\_U  
ClientSampled :

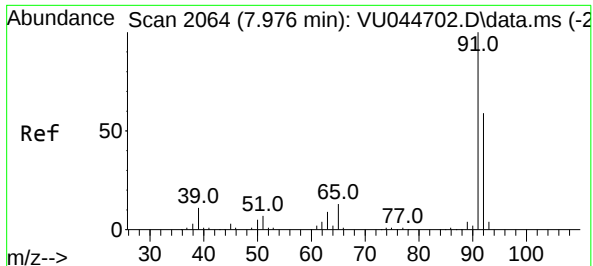
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 83      | 100   |       |        |
| 55      | 0.0   | 68.3  | 102.5# |
| 98      | 0.9   | 37.3  | 55.9#  |



#37  
1,2-Dichloropropane  
Concen: 0.502 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.103 min  
Lab File: VU044715.D  
Acq: 20 Sep 2021 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.0   | 3.1   | 4.7#  |

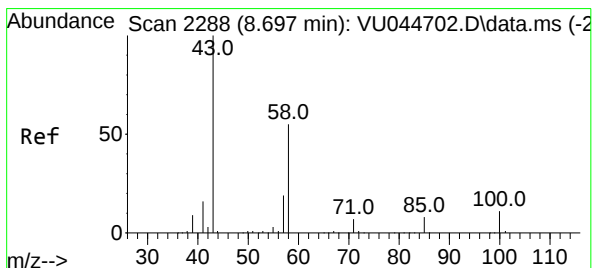
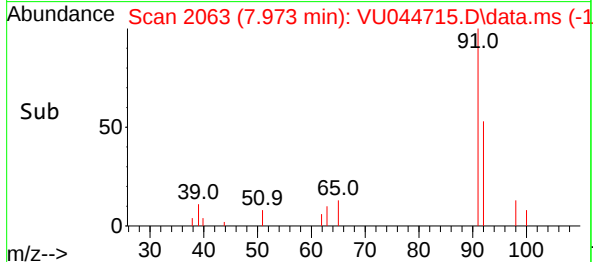
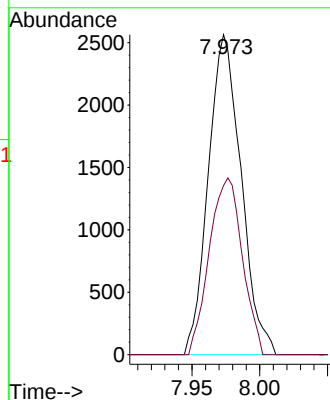
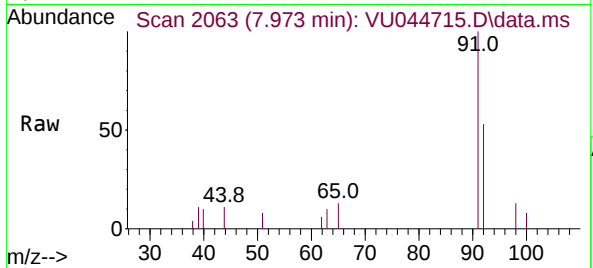




#42  
Toluene  
Concen: 0.119 ug/L  
RT: 7.973 min Scan# 2063  
Delta R.T. -0.003 min  
Lab File: VU044715.D  
Acq: 20 Sep 2021 17:40

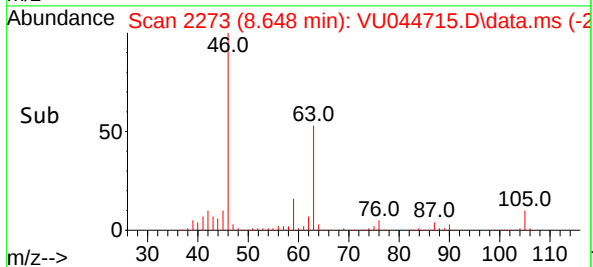
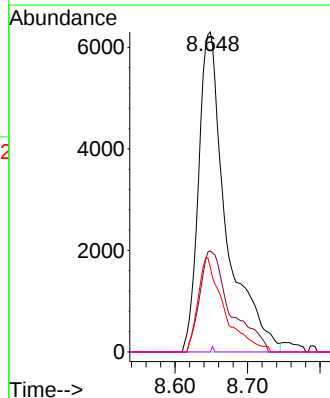
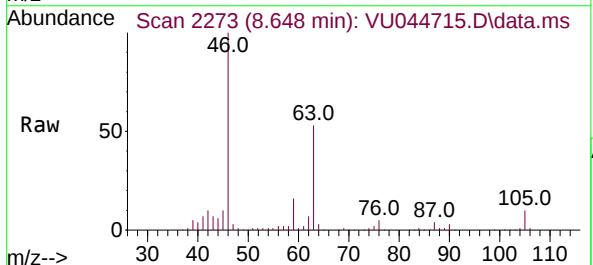
Instrument :  
MSVOA\_U  
ClientSampleId :

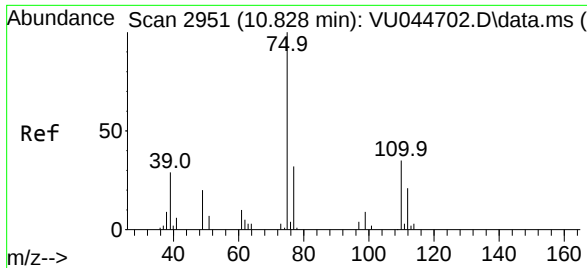
Tgt Ion: 91 Resp: 4315  
Ion Ratio Lower Upper  
91 100  
92 52.8 41.1 76.3



#48  
2-Hexanone  
Concen: 3.091 ug/L  
RT: 8.648 min Scan# 2273  
Delta R.T. -0.048 min  
Lab File: VU044715.D  
Acq: 20 Sep 2021 17:40

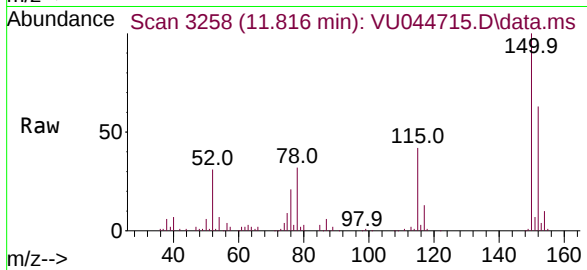
Tgt Ion: 43 Resp: 16693  
Ion Ratio Lower Upper  
43 100  
58 35.1 44.6 66.8#  
57 28.0 14.8 22.2#  
100 0.1 9.0 13.4#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.315 ug/L  
 RT: 11.816 min Scan# 3258  
 Delta R.T. 0.987 min  
 Lab File: VU044715.D  
 Acq: 20 Sep 2021 17:40

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 7060  
 Ion Ratio Lower Upper  
 75 100  
 110 0.6 28.8 43.2#  
 77 35.1 25.9 38.9

