

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042221\  
 Data File : VU043274.D  
 Acq On : 22 Apr 2021 13:36  
 Operator : SY/MD  
 Sample : M2088-14  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4541

Quant Time: Apr 22 23:41:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 22 23:39:31 2021  
 Response via : Initial Calibration

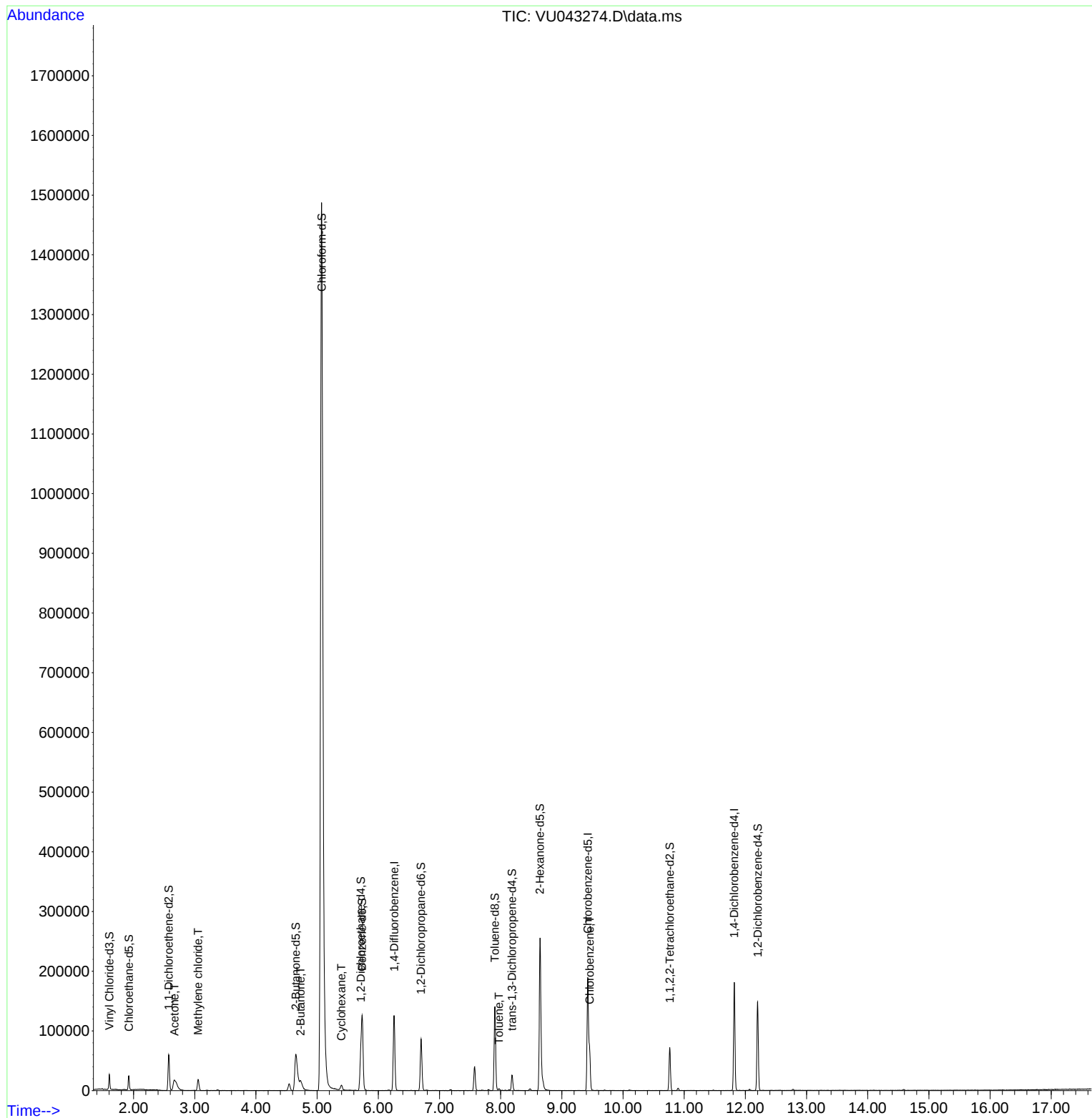
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.259  | 114   | 93016    | 5.00     | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 91580    | 5.00     | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 44517    | 5.00     | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 15981    | 3.38     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 67.60%   |
| 7) Chloroethane-d5            | 1.922  | 69    | 15930    | 3.58     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 71.60%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 11398    | 4.16     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 83.20%   |
| 20) 2-Butanone-d5             | 4.652  | 46    | 132608   | 63.92    | ug/L  | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 127.84%  |
| 24) Chloroform-d              | 5.076  | 84    | 62558    | 5.20     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 104.00%  |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 39101    | 4.81     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 96.20%   |
| 32) Benzene-d6                | 5.735  | 84    | 102819   | 4.82     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 96.40%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 35943    | 5.08     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 101.60%  |
| 41) Toluene-d8                | 7.906  | 98    | 86479    | 3.90     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 78.00%   |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 13404    | 4.29     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 85.80%   |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 78102    | 50.15    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 100.30%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 33204    | 5.34     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 106.80%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 35185    | 4.61     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 92.20%   |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 13) Acetone                   | 2.668  | 43    | 49069    | 32.19    | ug/L  | # 66     |
| 16) Methylene chloride        | 3.054  | 84    | 7488     | 1.12     | ug/L  | # 78     |
| 21) 2-Butanone                | 4.729  | 43    | 26543    | 10.55    | ug/L  | 80       |
| 30) Cyclohexane               | 5.398  | 56    | 3771     | 0.39     | ug/L  | 88       |
| 42) Toluene                   | 7.973  | 91    | 2028     | 0.07     | ug/L  | 89       |
| 51) Chlorobenzene             | 9.455  | 112   | 31646    | 1.81     | ug/L  | 92       |
| -----                         |        |       |          |          |       |          |

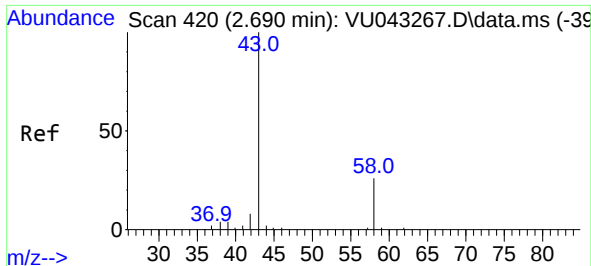
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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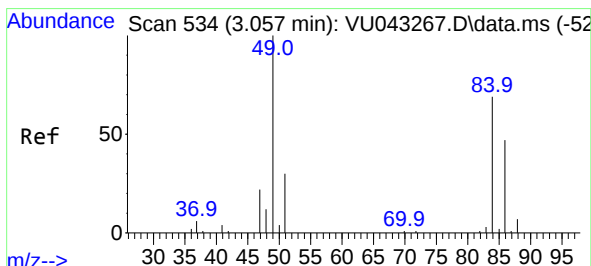
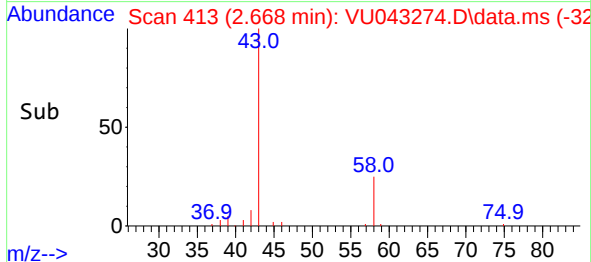
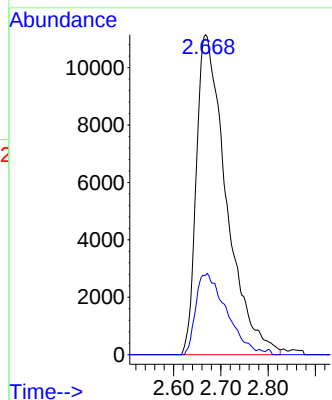
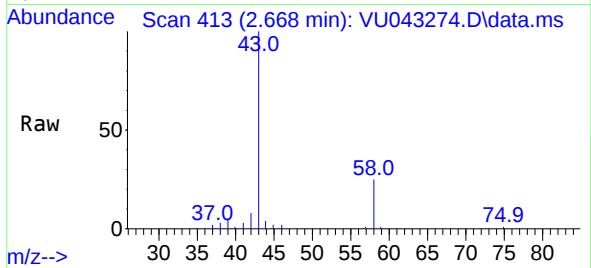




#13  
Acetone  
Concen: 32.19 ug/L  
RT: 2.668 min Scan# 413  
Delta R.T. -0.022 min  
Lab File: VU043274.D  
Acq: 22 Apr 2021 13:36

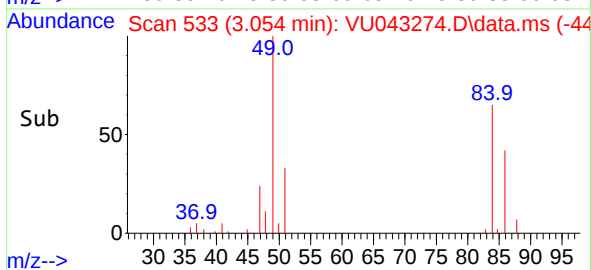
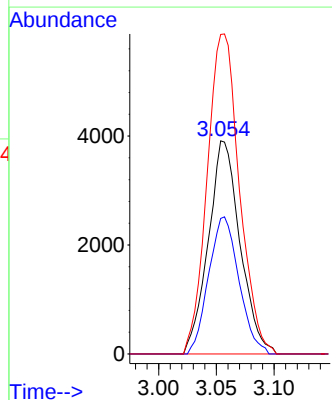
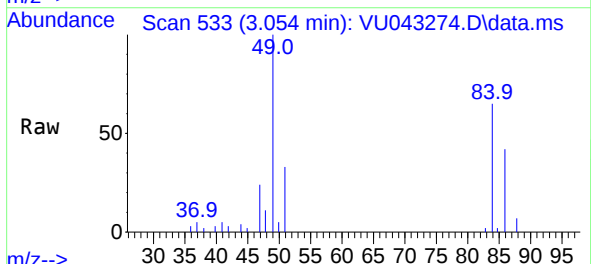
Instrument :  
MSVOA\_U  
ClientSampled :  
H4541

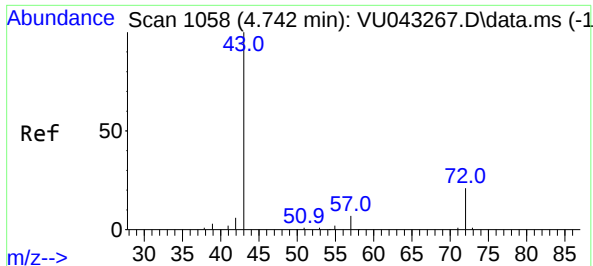
Tgt Ion: 43 Resp: 49069  
Ion Ratio Lower Upper  
43 100  
58 25.7 0.0 25.0#



#16  
Methylene chloride  
Concen: 1.12 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. -0.003 min  
Lab File: VU043274.D  
Acq: 22 Apr 2021 13:36

Tgt Ion: 84 Resp: 7488  
Ion Ratio Lower Upper  
84 100  
86 63.6 44.9 83.5  
49 149.9 79.0 146.8#

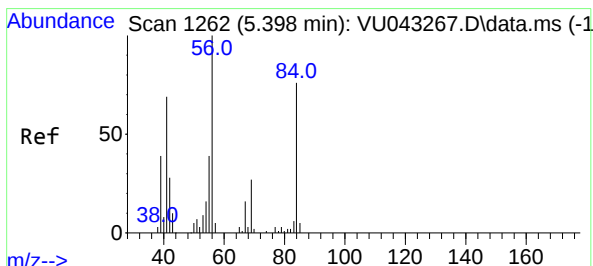
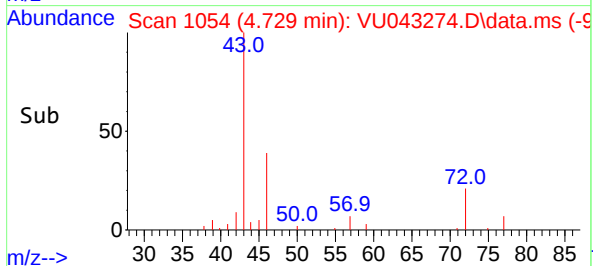
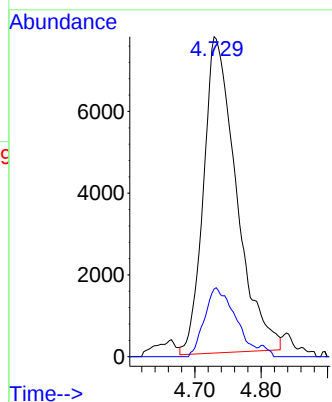
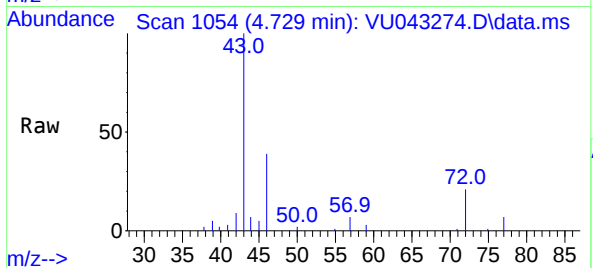




#21  
2-Butanone  
Concen: 10.55 ug/L  
RT: 4.729 min Scan# 1054  
Delta R.T. -0.013 min  
Lab File: VU043274.D  
Acq: 22 Apr 2021 13:36

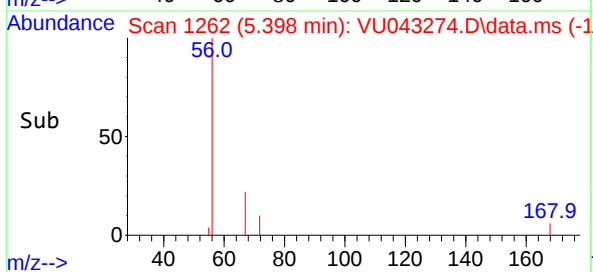
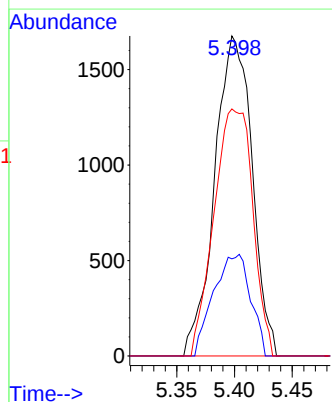
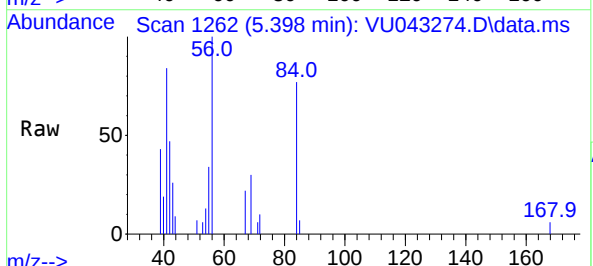
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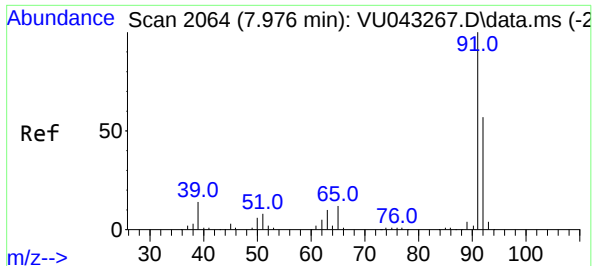
Tgt Ion: 43 Resp: 26543  
Ion Ratio Lower Upper  
43 100  
72 20.4 15.8 47.3



#30  
Cyclohexane  
Concen: 0.39 ug/L  
RT: 5.398 min Scan# 1262  
Delta R.T. 0.000 min  
Lab File: VU043274.D  
Acq: 22 Apr 2021 13:36

Tgt Ion: 56 Resp: 3771  
Ion Ratio Lower Upper  
56 100  
69 31.4 25.2 37.8  
84 80.3 76.2 114.4

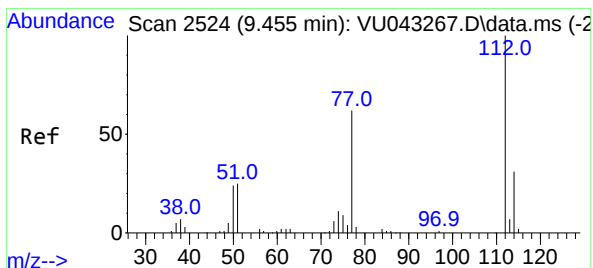
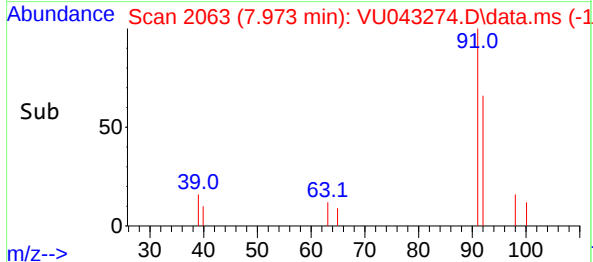
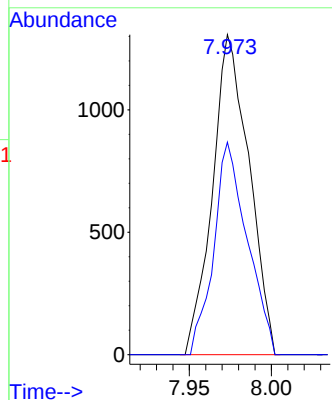
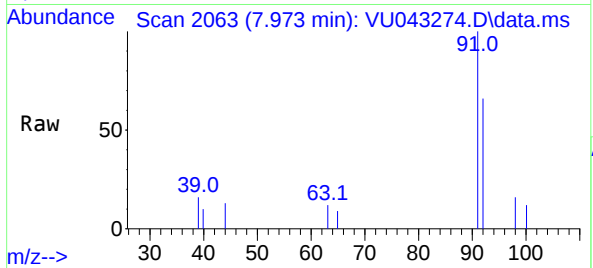




#42  
Toluene  
Concen: 0.07 ug/L  
RT: 7.973 min Scan# 2063  
Delta R.T. -0.003 min  
Lab File: VU043274.D  
Acq: 22 Apr 2021 13:36

Instrument :  
MSVOA\_U  
ClientSampled :  
H4541

Tgt Ion: 91 Resp: 2028  
Ion Ratio Lower Upper  
91 100  
92 66.4 40.9 76.0



#51  
Chlorobenzene  
Concen: 1.81 ug/L  
RT: 9.455 min Scan# 2524  
Delta R.T. 0.000 min  
Lab File: VU043274.D  
Acq: 22 Apr 2021 13:36

Tgt Ion: 112 Resp: 31646  
Ion Ratio Lower Upper  
112 100  
114 34.1 21.9 40.7  
77 63.9 45.1 67.7

