

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100621\  
 Data File : VV022649.D  
 Acq On : 07 Oct 2021 03:03  
 Operator : SY/MD  
 Sample : M4050-17  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB7E1

Quant Time: Oct 07 07:51:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 07 07:45:03 2021  
 Response via : Initial Calibration

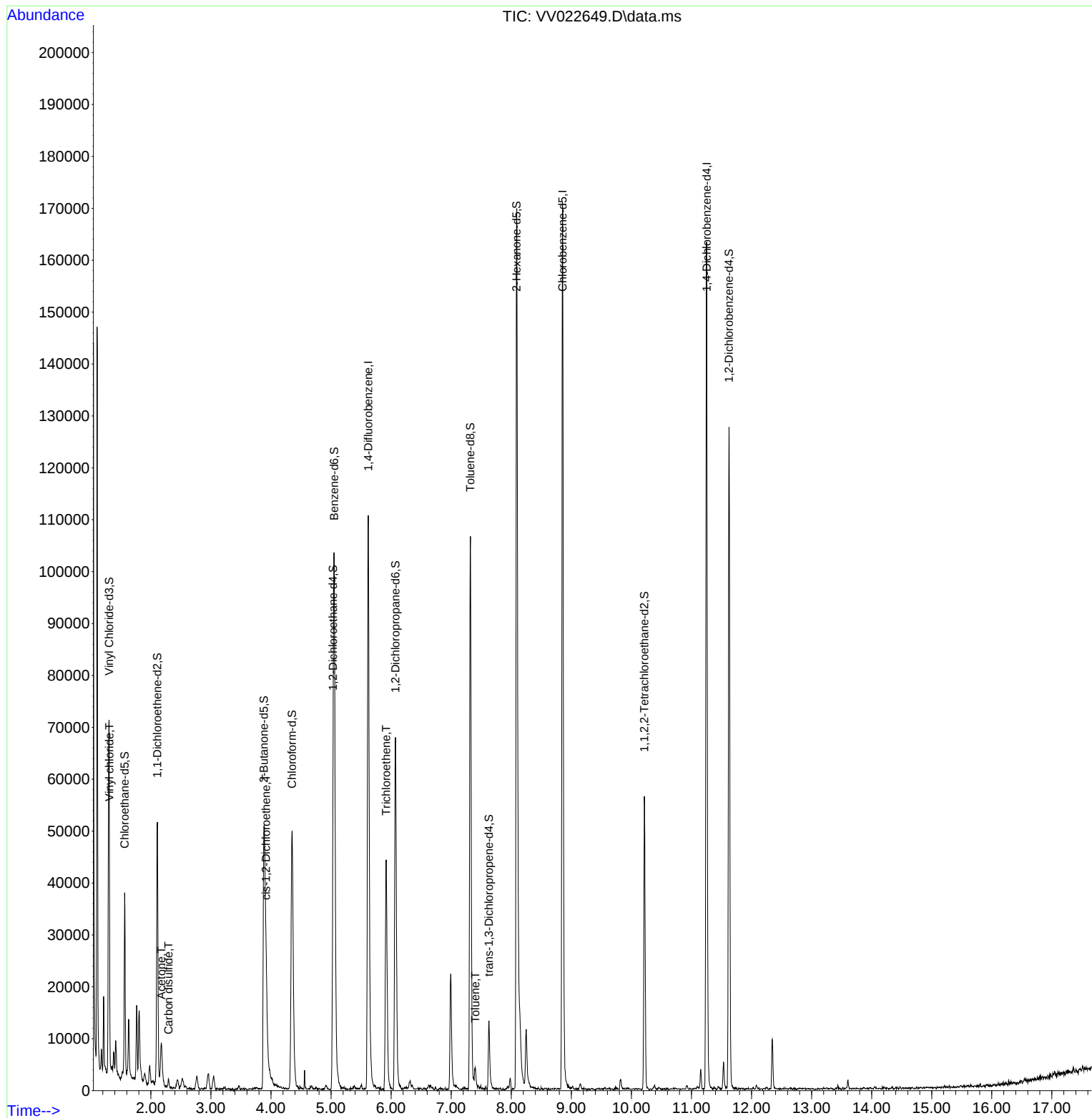
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 99343    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 98827    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152   | 45451    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 12784    | 4.016    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.400%  |
| 7) Chloroethane-d5            | 1.564  | 69    | 18975    | 4.423    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 88.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 26187    | 2.836    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 56.800%# |
| 20) 2-Butanone-d5             | 3.883  | 46    | 87178    | 46.335   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 92.660%  |
| 24) Chloroform-d              | 4.349  | 84    | 52685    | 4.298    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 27063    | 4.687    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.800%  |
| 32) Benzene-d6                | 5.053  | 84    | 93180    | 4.184    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 33263    | 4.233    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.600%  |
| 41) Toluene-d8                | 7.320  | 98    | 72145    | 3.864    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 77.200%  |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79    | 7757     | 3.731    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 74.600%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 55932    | 43.443   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 86.880%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 26310    | 4.407    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 88.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 34395    | 4.892    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.310  | 62    | 688      | 0.090    | ug/L # | 68       |
| 13) Acetone                   | 2.175  | 43    | 10725    | 10.600   | ug/L # | 22       |
| 14) Carbon disulfide          | 2.294  | 76    | 1908     | 0.107    | ug/L # | 74       |
| 22) cis-1,2-Dichloroethene    | 3.918  | 96    | 6304     | 0.876    | ug/L   | 97       |
| 34) Trichloroethene           | 5.918  | 95    | 14402    | 1.861    | ug/L   | 99       |
| 42) Toluene                   | 7.403  | 91    | 3086     | 0.110    | ug/L   | 86       |
| -----                         |        |       |          |          |        |          |

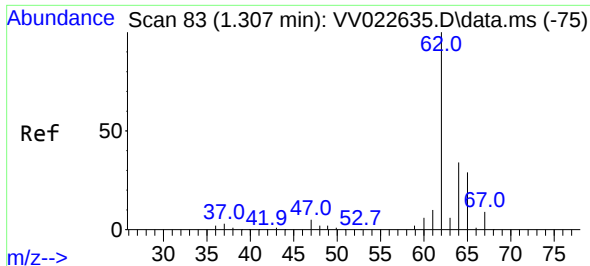
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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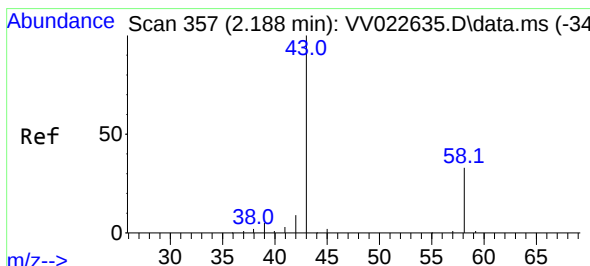
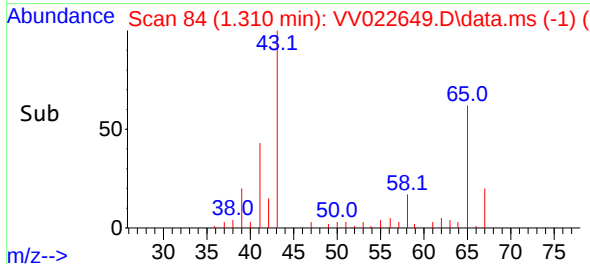
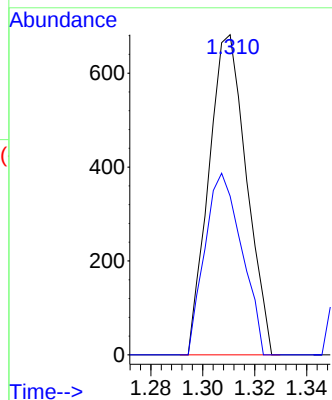
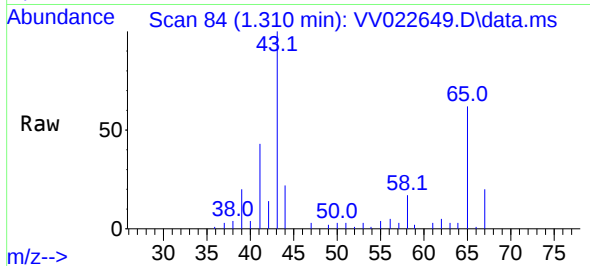




#5  
 Vinyl chloride  
 Concen: 0.090 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. 0.003 min  
 Lab File: VV022649.D  
 Acq: 07 Oct 2021 03:03

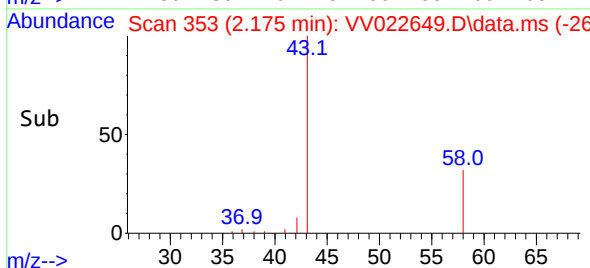
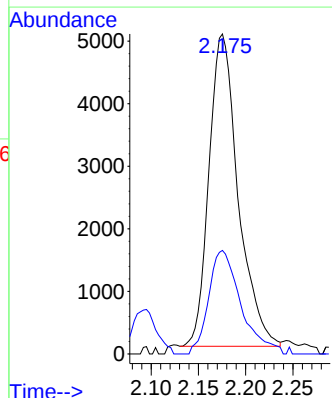
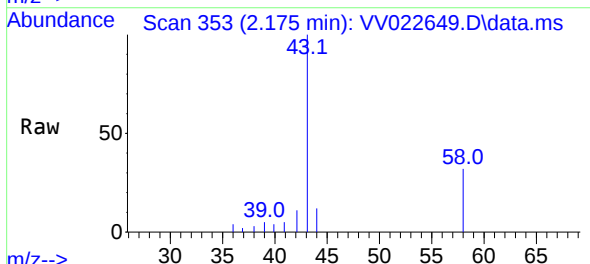
Instrument :  
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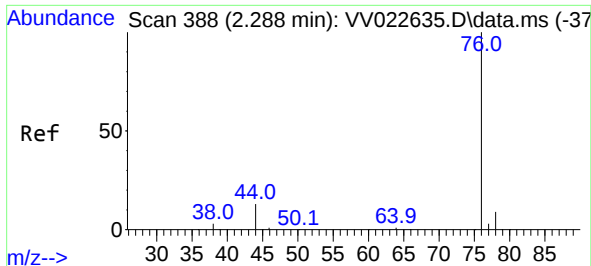
Tgt Ion: 62 Resp: 688  
 Ion Ratio Lower Upper  
 62 100  
 64 49.6 22.3 41.5#



#13  
 Acetone  
 Concen: 10.600 ug/L  
 RT: 2.175 min Scan# 353  
 Delta R.T. -0.013 min  
 Lab File: VV022649.D  
 Acq: 07 Oct 2021 03:03

Tgt Ion: 43 Resp: 10725  
 Ion Ratio Lower Upper  
 43 100  
 58 36.7 0.0 17.6#

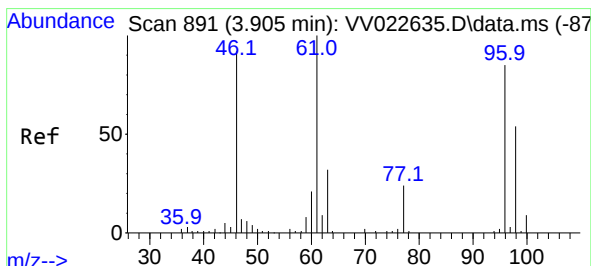
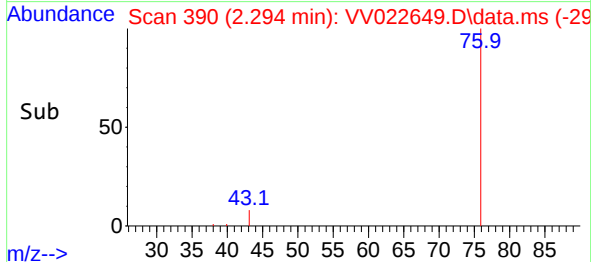
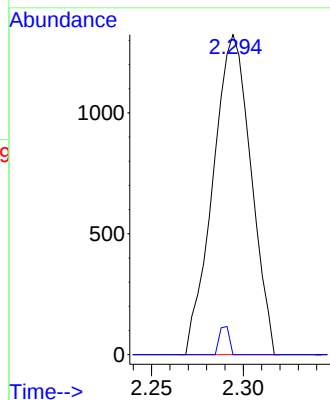
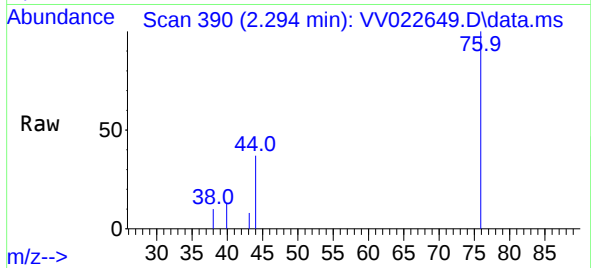




#14  
Carbon disulfide  
Concen: 0.107 ug/L  
RT: 2.294 min Scan# 390  
Delta R.T. 0.006 min  
Lab File: VV022649.D  
Acq: 07 Oct 2021 03:03

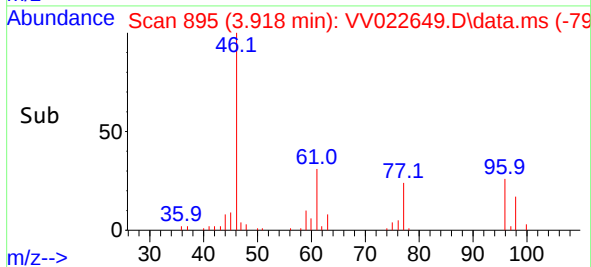
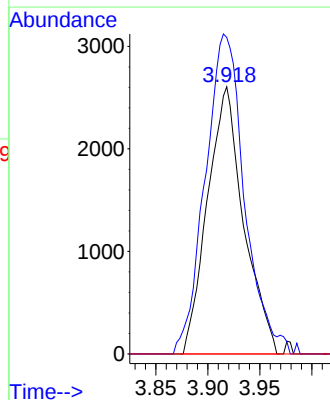
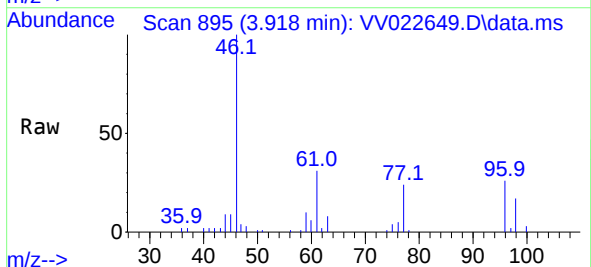
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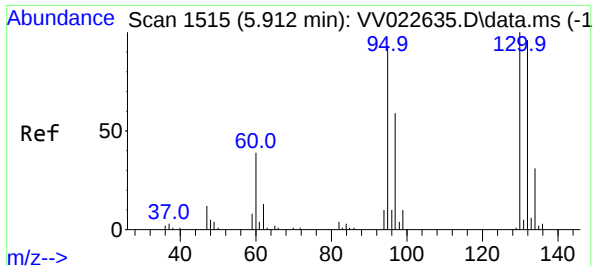
Tgt Ion: 76 Resp: 1908  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.8 11.6#



#22  
cis-1,2-Dichloroethene  
Concen: 0.876 ug/L  
RT: 3.918 min Scan# 895  
Delta R.T. 0.013 min  
Lab File: VV022649.D  
Acq: 07 Oct 2021 03:03

Tgt Ion: 96 Resp: 6304  
Ion Ratio Lower Upper  
96 100  
61 118.4 85.6 159.0  
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.861 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV022649.D

Acq: 07 Oct 2021 03:03

Tgt Ion: 95 Resp: 14402

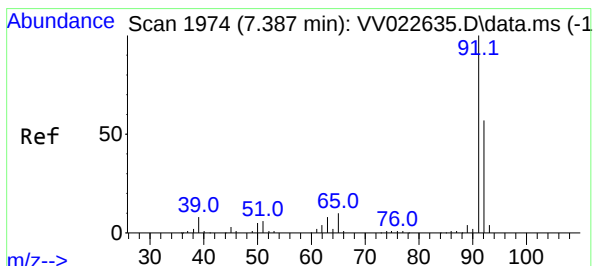
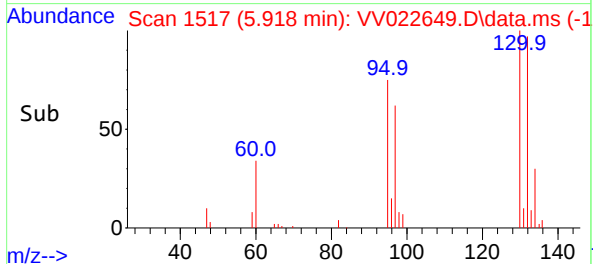
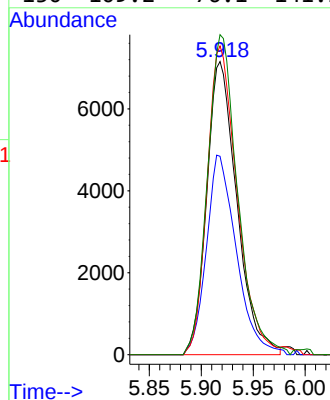
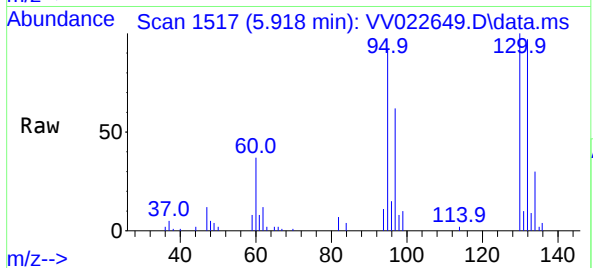
Ion Ratio Lower Upper

95 100

97 67.7 46.5 86.5

132 105.4 73.0 135.6

130 109.2 76.1 141.3



#42

Toluene

Concen: 0.110 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.016 min

Lab File: VV022649.D

Acq: 07 Oct 2021 03:03

Tgt Ion: 91 Resp: 3086

Ion Ratio Lower Upper

91 100

92 47.7 40.5 75.3

