

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092022\  
 Data File : VU050840.D  
 Acq On : 20 Sep 2022 18:47  
 Operator : JC/MD  
 Sample : N4651-07  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXZ33

Quant Time: Sep 21 02:26:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 21 02:18:13 2022  
 Response via : Initial Calibration

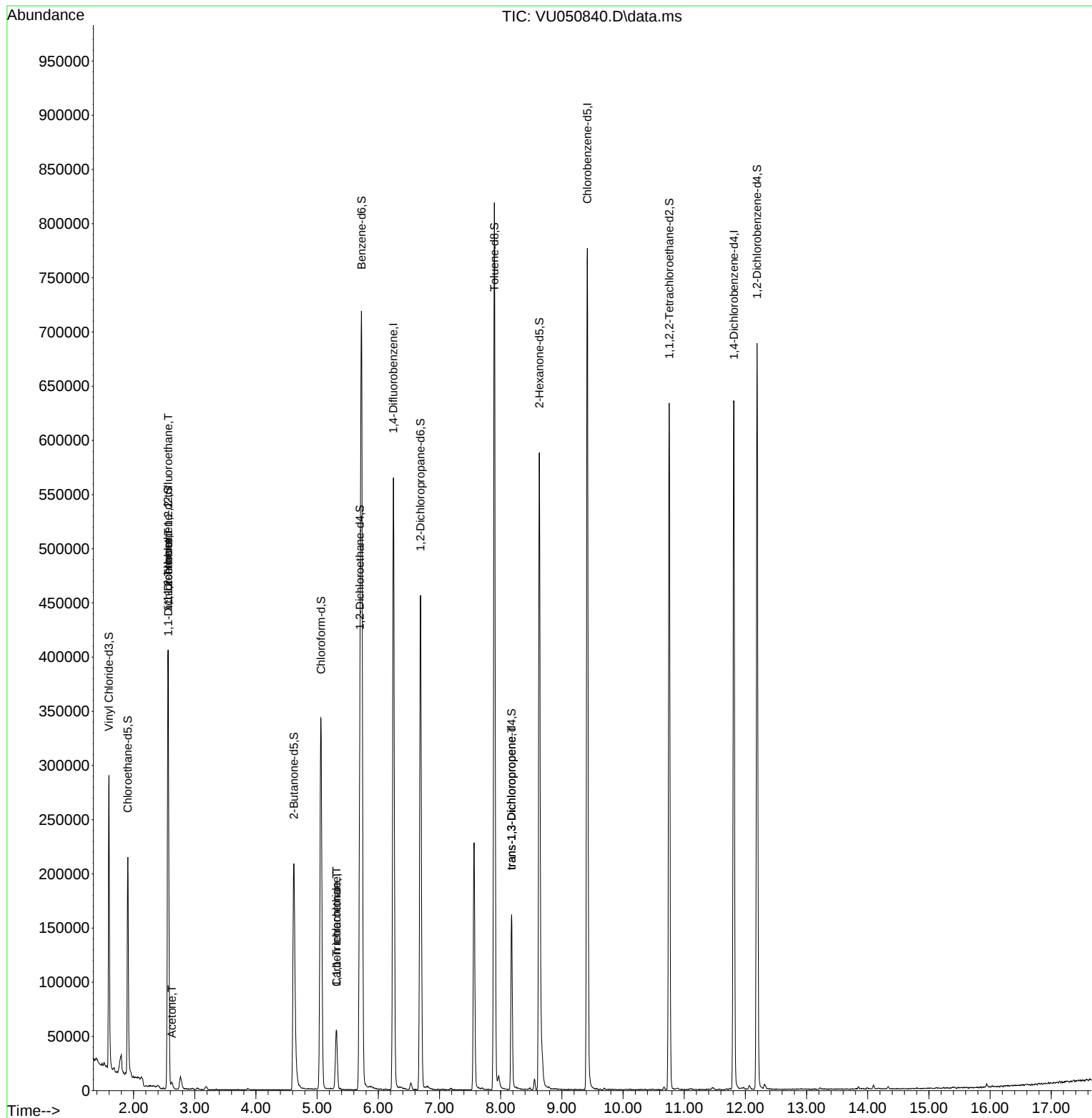
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 445508     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 432891     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 166130     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 201744     | 43.708   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 87.420%  |        |          |
| 7) Chloroethane-d5            | 1.906          | 69   | 153146     | 46.587   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 93.180%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 239943     | 33.408   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 66.820%  |        |          |
| 21) 2-Butanone-d5             | 4.620          | 46   | 299484     | 100.500  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 100.500% |        |          |
| 24) Chloroform-d              | 5.063          | 84   | 324764     | 44.897   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.800%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 209140     | 46.915   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.840%  |        |          |
| 32) Benzene-d6                | 5.726          | 84   | 658368     | 46.173   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.340%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 229028     | 47.586   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 95.180%  |        |          |
| 41) Toluene-d8                | 7.896          | 98   | 544797     | 43.711   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.420%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 91769      | 43.830   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 87.660%  |        |          |
| 47) 2-Hexanone-d5             | 8.632          | 63   | 190901     | 96.250   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 96.250%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755         | 84   | 325817     | 44.403   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 88.800%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 179866     | 51.710   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 103.420% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565          | 101  | 2238       | 0.614    | ug/L # | 21       |
| 12) 1,1-Dichloroethene        | 2.568          | 96   | 3075       | 0.898    | ug/L # | 1        |
| 13) Acetone                   | 2.626          | 43   | 7307       | 2.896    | ug/L   | 94       |
| 30) 1,1,1-Trichloroethane     | 5.317          | 97   | 39219      | 6.810    | ug/L   | 100      |
| 31) Carbon tetrachloride      | 5.317          | 117  | 5588       | 1.168    | ug/L   | 94       |
| 44) trans-1,3-Dichloropropene | 8.179          | 75   | 3656       | 0.659    | ug/L # | 70       |
| -----                         |                |      |            |          |        |          |

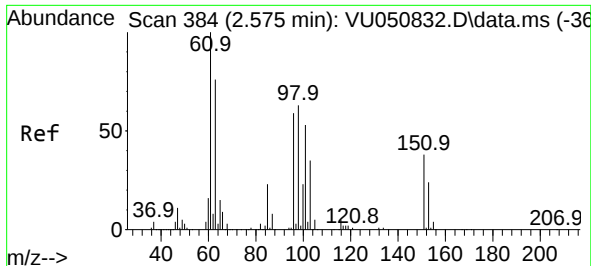
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.614 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.010 min

Lab File: VU050840.D

Acq: 20 Sep 2022 18:47

Instrument :

MSVOA\_U

ClientSampleId :

EXZ33

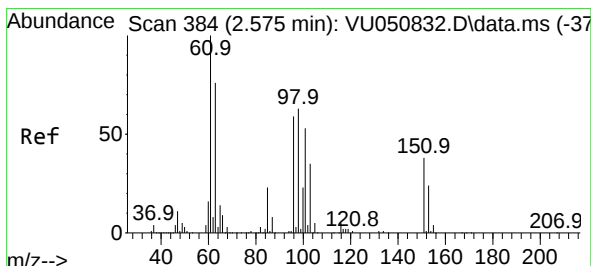
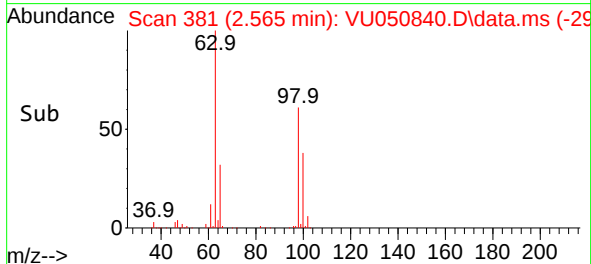
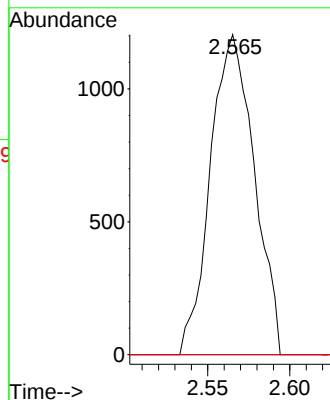
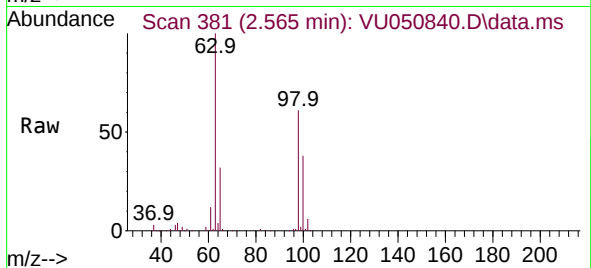
Tgt Ion:101 Resp: 2238

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 56.6 84.8#



#12

1,1-Dichloroethene

Concen: 0.898 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.006 min

Lab File: VU050840.D

Acq: 20 Sep 2022 18:47

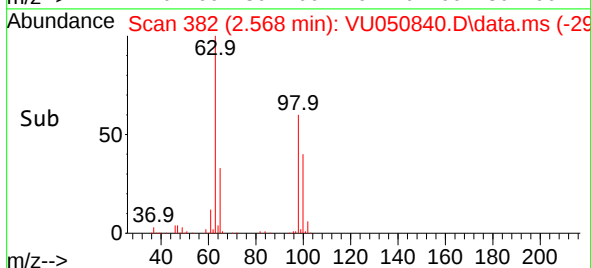
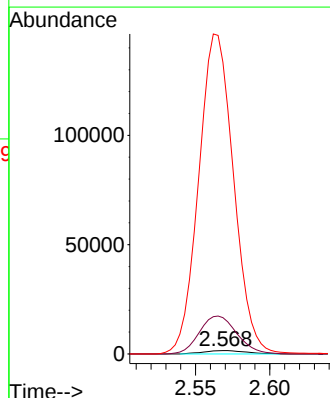
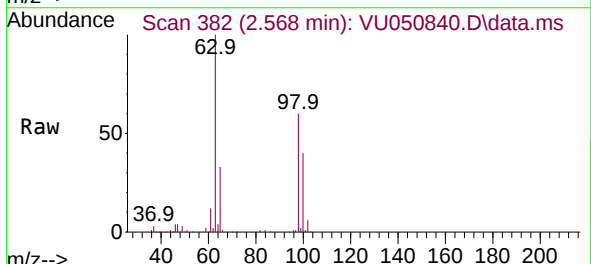
Tgt Ion: 96 Resp: 3075

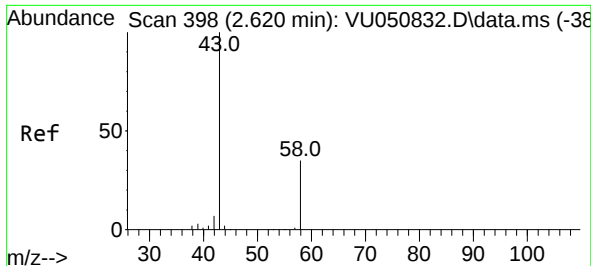
Ion Ratio Lower Upper

96 100

61 1065.5 118.6 220.2#

63 8548.4 90.4 168.0#





#13

Acetone

Concen: 2.896 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.007 min

Lab File: VU050840.D

Acq: 20 Sep 2022 18:47

Instrument :

MSVOA\_U

ClientSampleId :

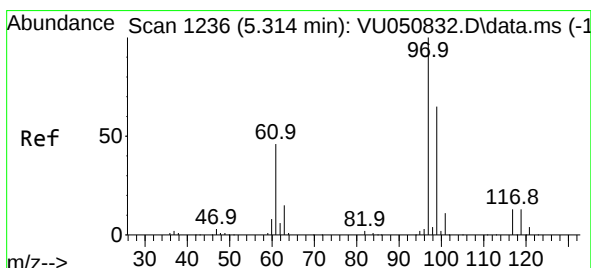
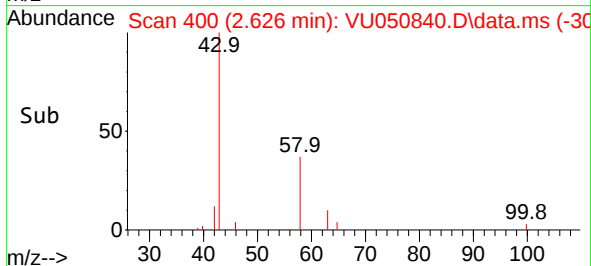
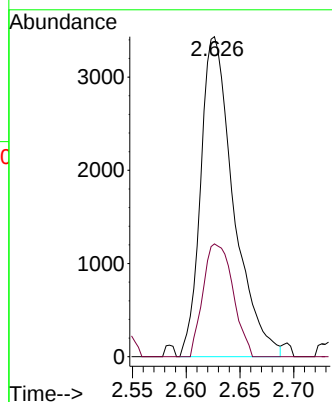
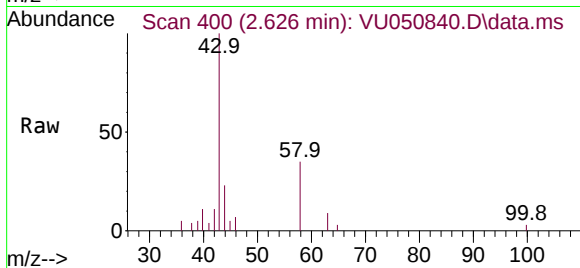
EXZ33

Tgt Ion: 43 Resp: 7307

Ion Ratio Lower Upper

43 100

58 31.9 0.0 71.4



#30

1,1,1-Trichloroethane

Concen: 6.810 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU050840.D

Acq: 20 Sep 2022 18:47

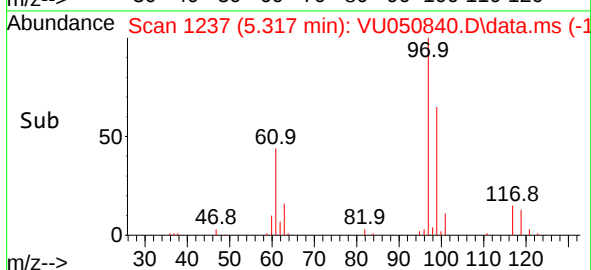
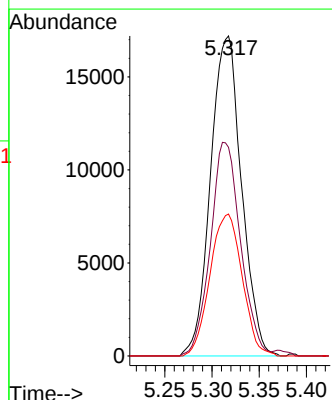
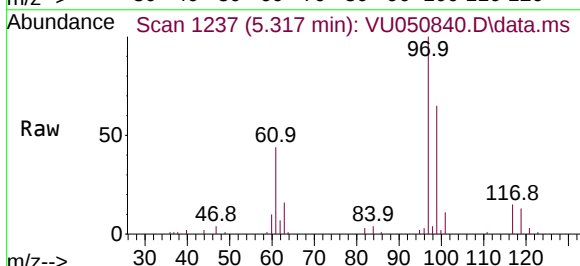
Tgt Ion: 97 Resp: 39219

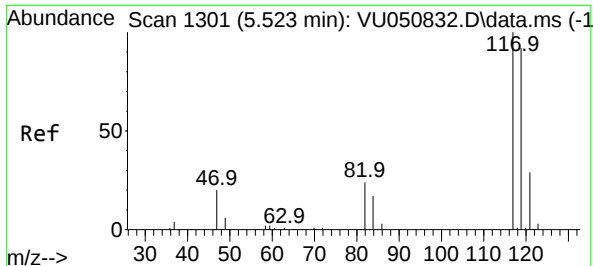
Ion Ratio Lower Upper

97 100

99 65.0 52.2 78.2

61 46.0 37.1 55.7

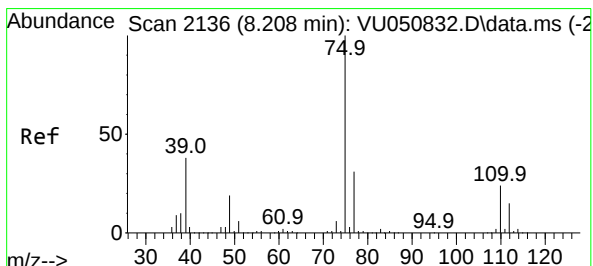
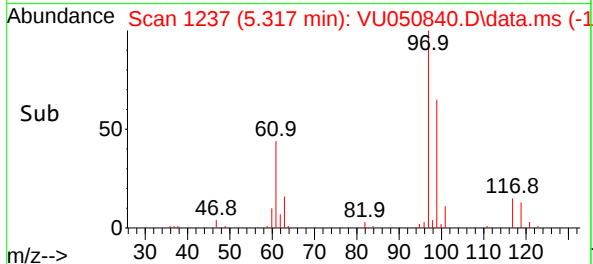
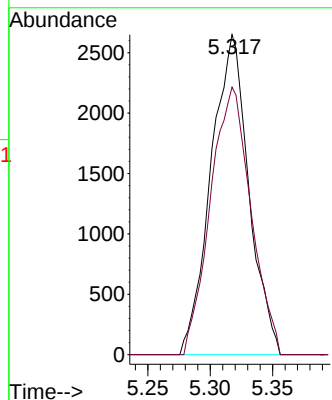
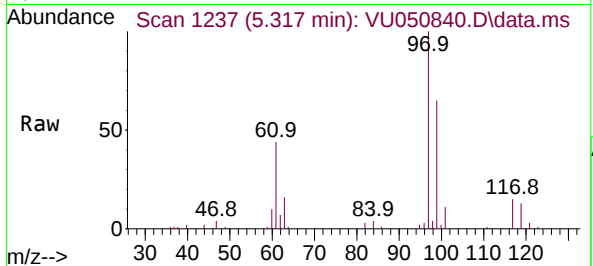




#31  
Carbon tetrachloride  
Concen: 1.168 ug/L  
RT: 5.317 min Scan# 11  
Delta R.T. -0.206 min  
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MSVOA\_U  
ClientSampleId :  
EXZ33

Tgt Ion:117 Resp: 5588  
Ion Ratio Lower Upper  
117 100  
119 89.3 76.0 114.0



#44  
trans-1,3-Dichloropropene  
Concen: 0.659 ug/L  
RT: 8.179 min Scan# 2127  
Delta R.T. -0.029 min  
Lab File: VU050840.D  
Acq: 20 Sep 2022 18:47

Tgt Ion: 75 Resp: 3656  
Ion Ratio Lower Upper  
75 100  
77 47.7 21.9 40.7#

