

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090221\  
 Data File : VV022088.D  
 Acq On : 02 Sep 2021 21:01  
 Operator : SY/MD  
 Sample : M3647-01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 03 01:04:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 03 00:59:14 2021  
 Response via : Initial Calibration

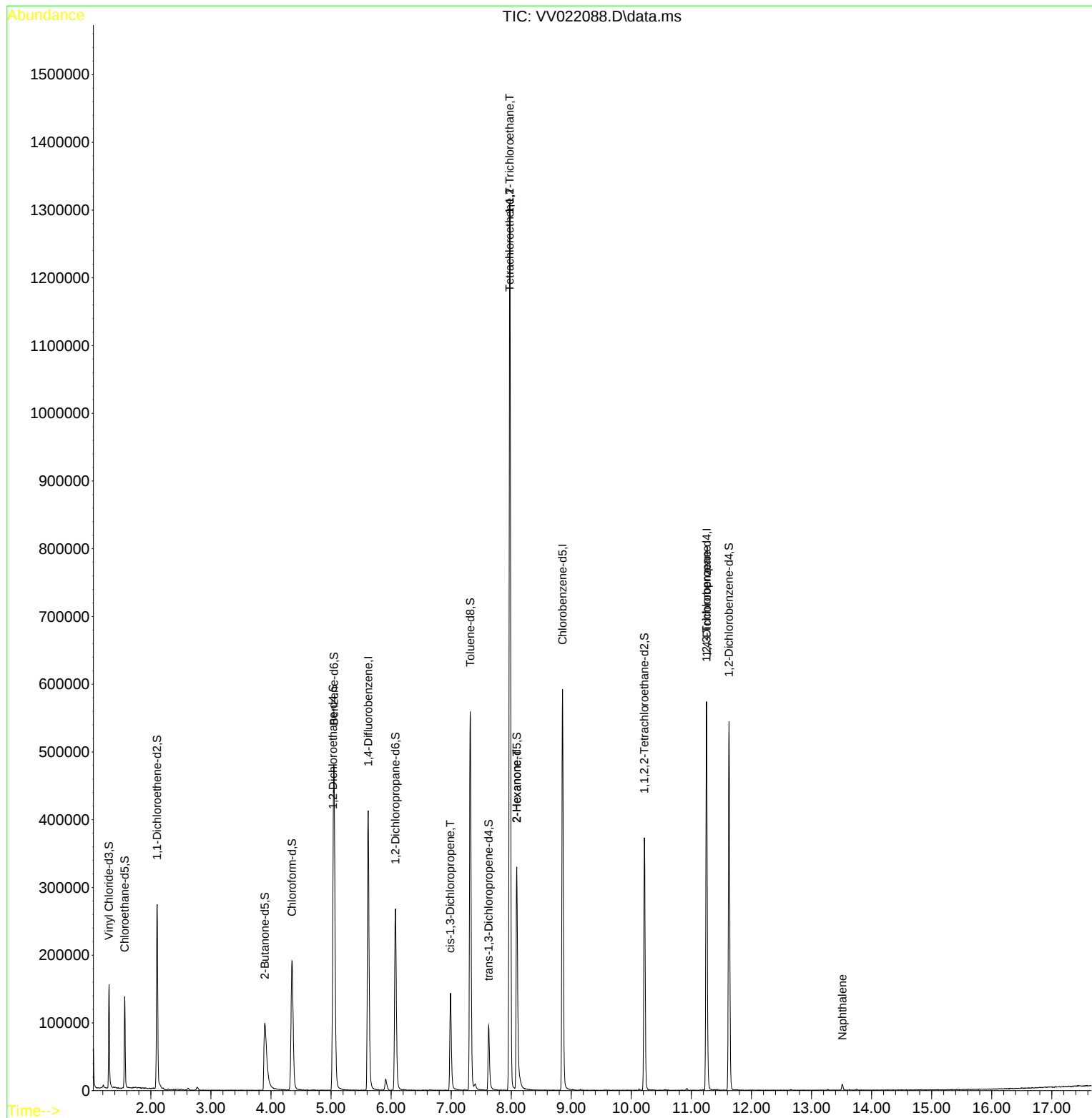
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 374797     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854          | 117  | 339991     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252         | 152  | 157723     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 100839     | 38.851   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 77.700%  |        |          |
| 7) Chloroethane-d5            | 1.565          | 69   | 82523      | 40.714   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 81.420%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.105          | 63   | 140919     | 32.829   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 65.660%  |        |          |
| 21) 2-Butanone-d5             | 3.896          | 46   | 186517     | 104.782  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 104.780% |        |          |
| 24) Chloroform-d              | 4.349          | 84   | 205365     | 43.393   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.780%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 125655     | 45.076   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.160%  |        |          |
| 32) Benzene-d6                | 5.050          | 84   | 427901     | 46.401   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.800%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 135142     | 46.599   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 93.200%  |        |          |
| 41) Toluene-d8                | 7.317          | 98   | 379827     | 43.633   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.260%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 56172      | 40.695   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 81.380%  |        |          |
| 47) 2-Hexanone-d5             | 8.092          | 63   | 119267     | 107.181  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 107.180% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 180324     | 48.549   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 97.100%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 145563     | 46.946   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.900%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 39) cis-1,3-Dichloropropene   | 6.986          | 75   | 3553       | 0.897    | ug/L # | 60       |
| 45) 1,1,2-Trichloroethane     | 7.973          | 97   | 2330       | 0.893    | ug/L # | 1        |
| 46) Tetrachloroethene         | 7.976          | 164  | 303628     | 139.363  | ug/L   | 99       |
| 48) 2-Hexanone                | 8.092          | 43   | 12359      | 4.582    | ug/L # | 72       |
| 61) 1,2,3-Trichloropropane    | 11.249         | 75   | 17702      | 6.476    | ug/L # | 63       |
| 71) Naphthalene               | 13.513         | 128  | 8938       | 0.939    | ug/L   | 97       |
| -----                         |                |      |            |          |        |          |

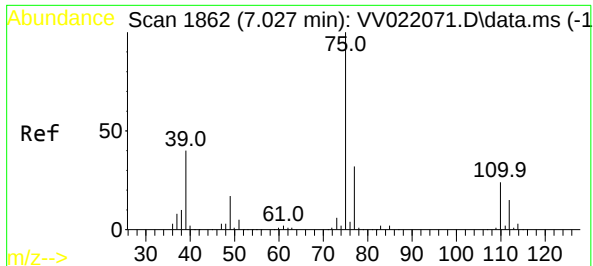
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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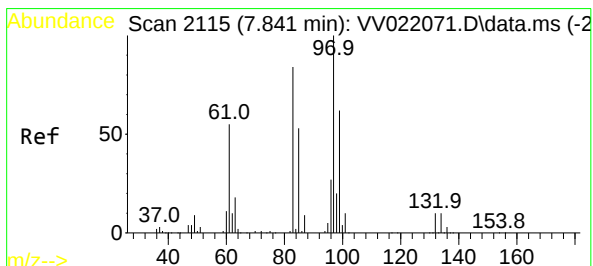
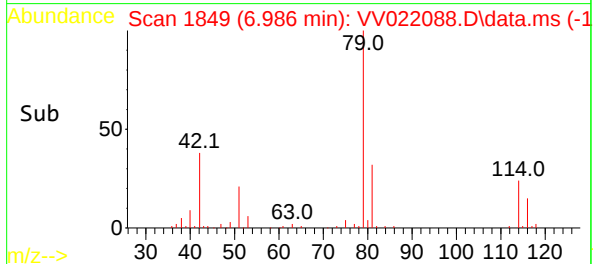
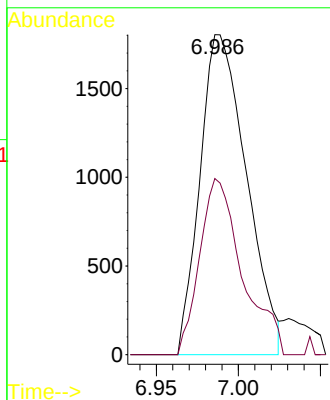
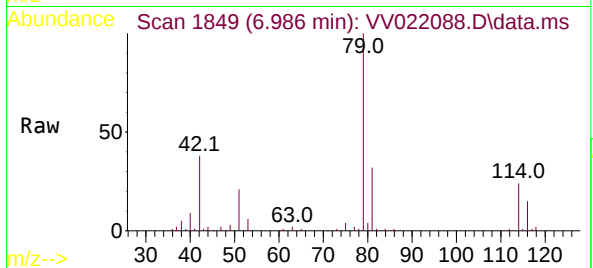




#39  
cis-1,3-Dichloropropene  
Concen: 0.897 ug/L  
RT: 6.986 min Scan# 1849  
Delta R.T. -0.042 min  
Lab File: VV022088.D  
Acq: 02 Sep 2021 21:01

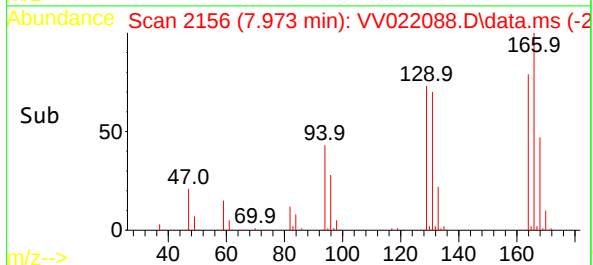
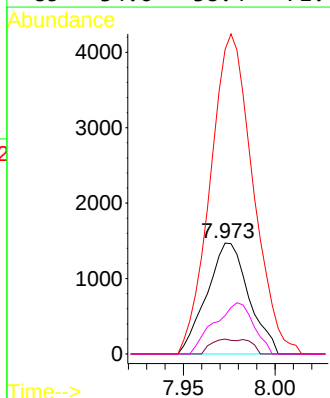
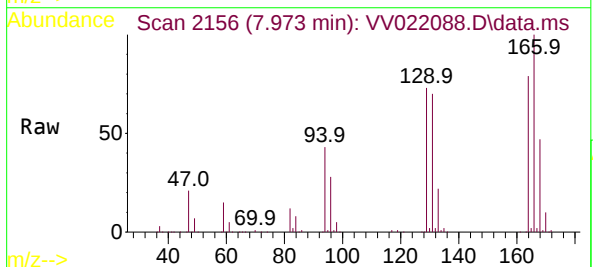
Instrument :  
MSVOA\_V  
ClientSampled :

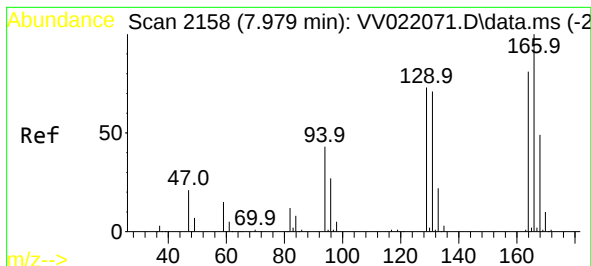
Tgt Ion: 75 Resp: 3553  
Ion Ratio Lower Upper  
75 100  
77 55.0 22.7 42.1#



#45  
1,1,2-Trichloroethane  
Concen: 0.893 ug/L  
RT: 7.973 min Scan# 2156  
Delta R.T. 0.132 min  
Lab File: VV022088.D  
Acq: 02 Sep 2021 21:01

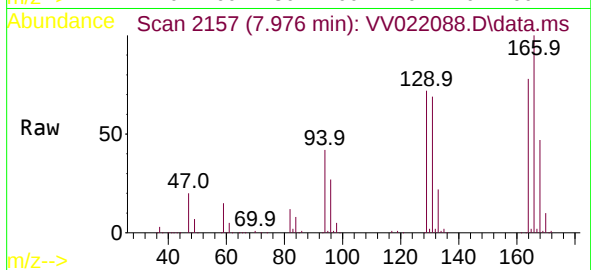
Tgt Ion: 97 Resp: 2330  
Ion Ratio Lower Upper  
97 100  
99 13.4 43.8 81.4#  
83 274.4 58.8 109.2#  
85 34.6 38.4 71.4#



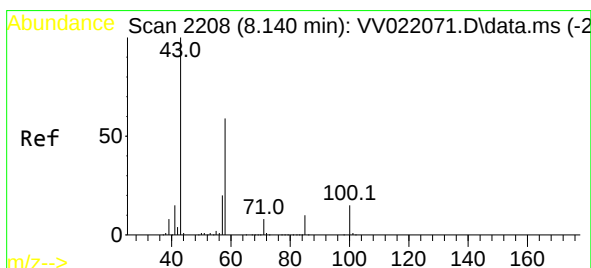
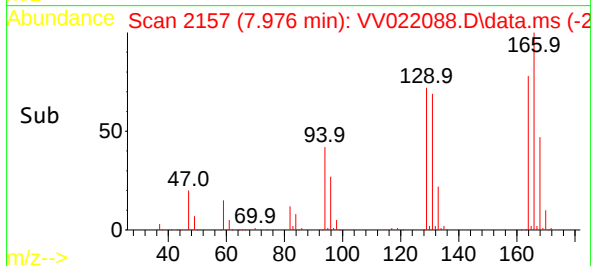
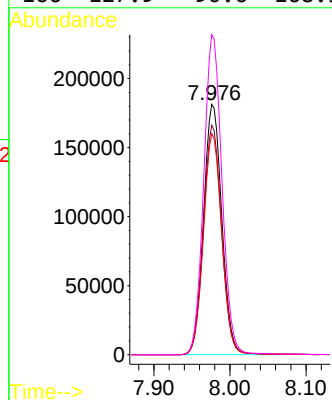


#46  
Tetrachloroethene  
Concen: 139.363 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. -0.003 min  
Lab File: VV022088.D  
Acq: 02 Sep 2021 21:01

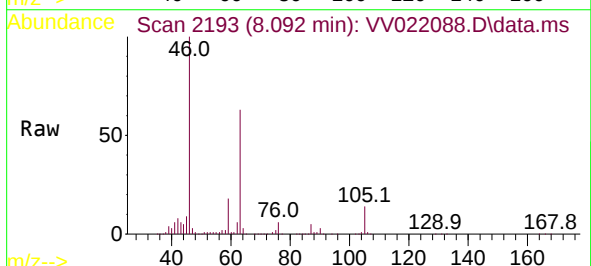
Instrument :  
MSVOA\_V  
ClientSampled :



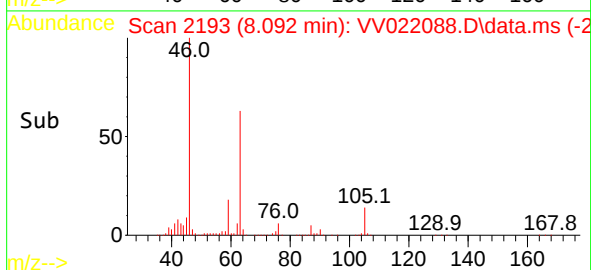
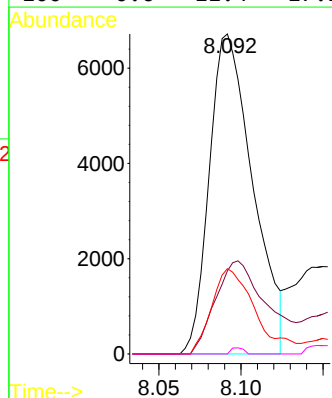
Tgt Ion:164 Resp: 303628  
Ion Ratio Lower Upper  
164 100  
129 91.7 62.9 116.9  
131 88.3 61.0 113.4  
166 127.9 90.6 168.3

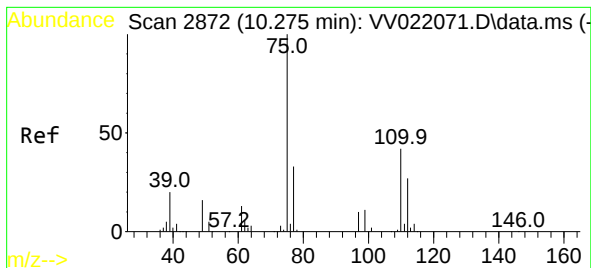


#48  
2-Hexanone  
Concen: 4.582 ug/L  
RT: 8.092 min Scan# 2193  
Delta R.T. -0.048 min  
Lab File: VV022088.D  
Acq: 02 Sep 2021 21:01



Tgt Ion: 43 Resp: 12359  
Ion Ratio Lower Upper  
43 100  
58 34.9 47.5 71.3#  
57 24.8 15.9 23.9#  
100 0.6 11.4 17.2#

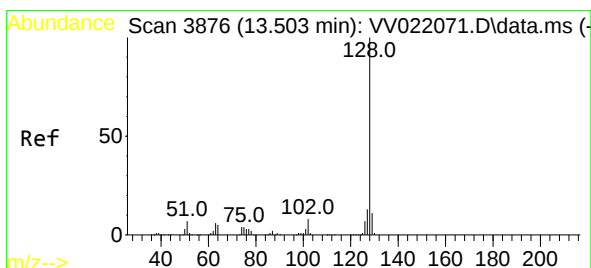
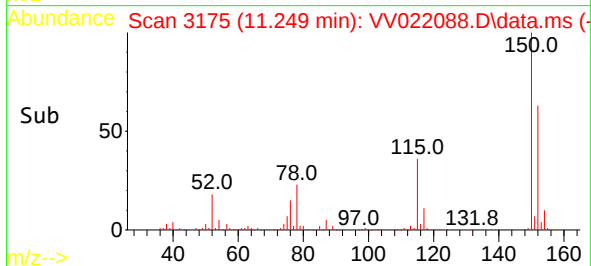
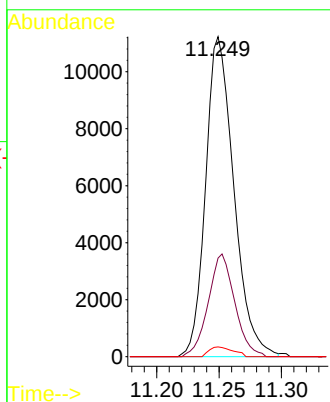
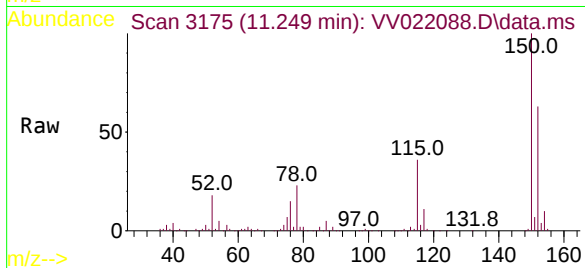




#61  
1,2,3-Trichloropropane  
Concen: 6.476 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV022088.D  
Acq: 02 Sep 2021 21:01

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 75 Resp: 17702  
Ion Ratio Lower Upper  
75 100  
77 30.2 26.2 39.2  
110 2.6 33.8 50.6#



#71  
Naphthalene  
Concen: 0.939 ug/L  
RT: 13.513 min Scan# 3879  
Delta R.T. 0.010 min  
Lab File: VV022088.D  
Acq: 02 Sep 2021 21:01

Tgt Ion: 128 Resp: 8938  
Ion Ratio Lower Upper  
128 100  
127 11.8 10.1 15.1  
129 9.3 8.7 13.1

