

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072822\  
 Data File : VV027067.D  
 Acq On : 29 Jul 2022 04:35  
 Operator : SY/MD  
 Sample : N3790-14ME  
 Misc : 3.46g/5.0mL/100uL/5mL/MSVOA\_V/MEOH  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBUK8ME

Quant Time: Jul 29 05:16:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072822WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 29 02:10:37 2022  
 Response via : Initial Calibration

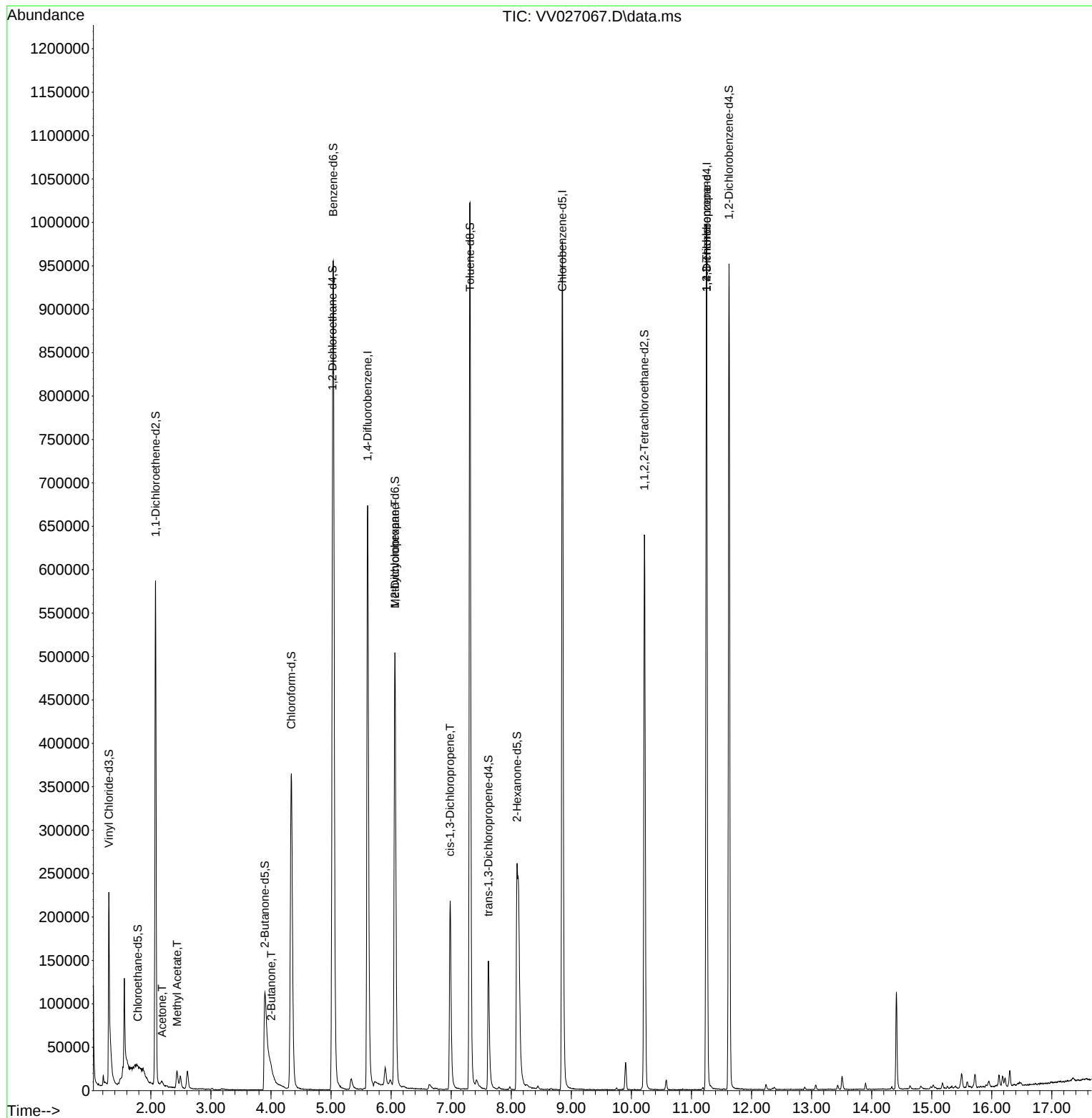
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609   | 114   | 625611   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117   | 614361   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 272999   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301   | 65    | 229092   | 38.491   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 76.980%  |
| 7) Chloroethane-d5            | 1.783   | 69    | 83       | 0.018    | ug/L   | 0.22     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 0.040%#  |
| 11) 1,1-Dichloroethene-d2     | 2.079   | 63    | 303754   | 29.977   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 59.960%# |
| 21) 2-Butanone-d5             | 3.899   | 46    | 260074   | 76.632   | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 76.630%  |
| 24) Chloroform-d              | 4.339   | 84    | 408410   | 38.099   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 76.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.024   | 65    | 246931   | 40.579   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.160%  |
| 32) Benzene-d6                | 5.037   | 84    | 855066   | 39.634   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 79.260%  |
| 36) 1,2-Dichloropropane-d6    | 6.063   | 67    | 266843   | 40.411   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 80.820%  |
| 41) Toluene-d8                | 7.313   | 98    | 716592   | 36.748   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 73.500%# |
| 43) trans-1,3-Dichloroprop... | 7.619   | 79    | 100622   | 34.496   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 69.000%  |
| 47) 2-Hexanone-d5             | 8.095   | 63    | 179381   | 63.192   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 63.190%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 348394   | 34.993   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 69.980%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 254555   | 41.479   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 82.960%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.185   | 43    | 8672     | 3.450    | ug/L   | 82       |
| 15) Methyl Acetate            | 2.436   | 43    | 28735    | 6.879    | ug/L   | 93       |
| 22) 2-Butanone                | 4.005   | 43    | 24157    | 8.711    | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.063   | 83    | 64574    | 8.494    | ug/L # | 22       |
| 39) cis-1,3-Dichloropropene   | 6.982   | 75    | 5695     | 0.801    | ug/L # | 66       |
| 61) 1,2,3-Trichloropropane    | 11.249  | 75    | 32036    | 5.595    | ug/L # | 64       |
| -----                         |         |       |          |          |        |          |

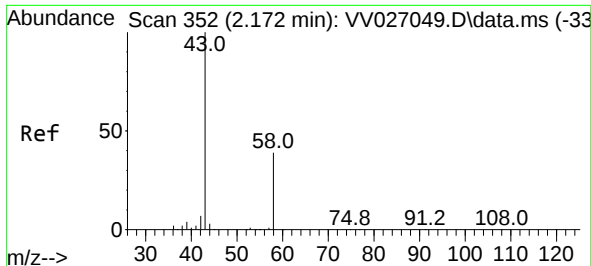
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.450 ug/L

RT: 2.185 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV027067.D

Acq: 29 Jul 2022 04:35

Instrument :

MSVOA\_V

ClientSampleId :

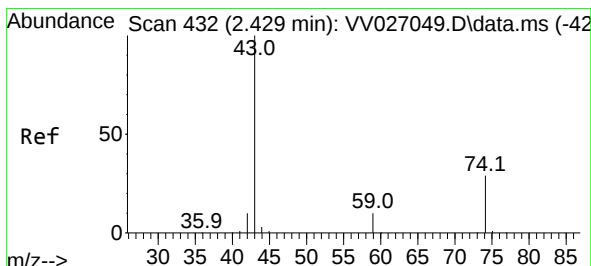
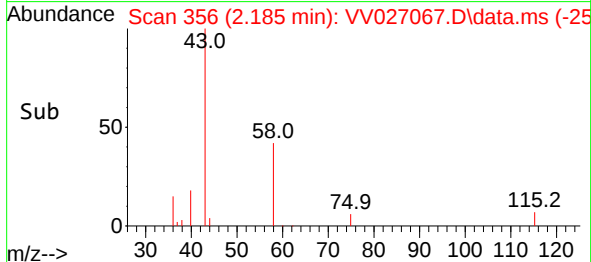
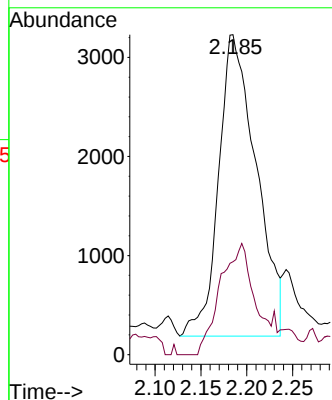
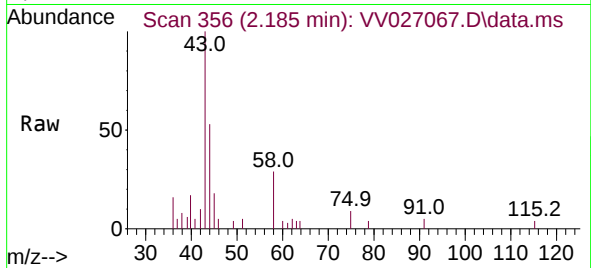
DBUK8ME

Tgt Ion: 43 Resp: 8672

Ion Ratio Lower Upper

43 100

58 33.6 0.0 49.6



#15

Methyl Acetate

Concen: 6.879 ug/L

RT: 2.436 min Scan# 434

Delta R.T. 0.006 min

Lab File: VV027067.D

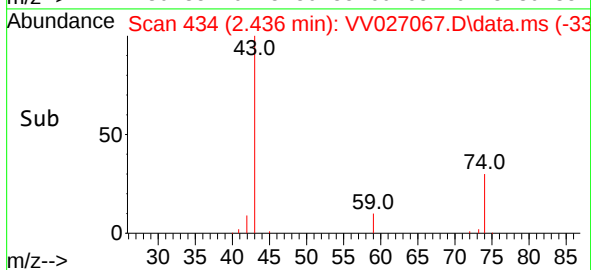
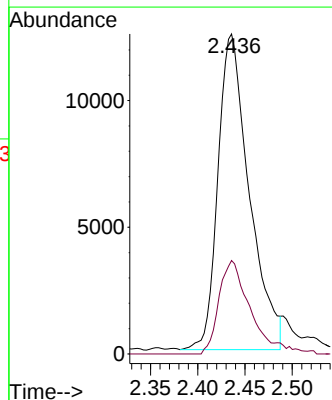
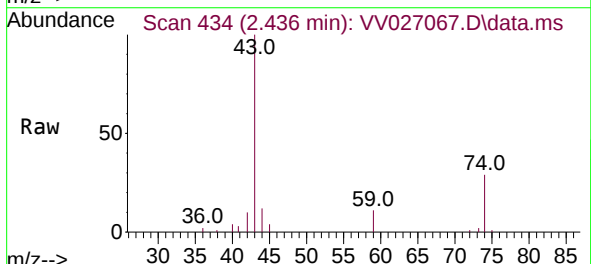
Acq: 29 Jul 2022 04:35

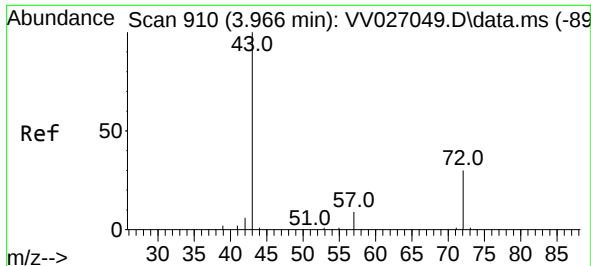
Tgt Ion: 43 Resp: 28735

Ion Ratio Lower Upper

43 100

74 28.0 25.5 38.3

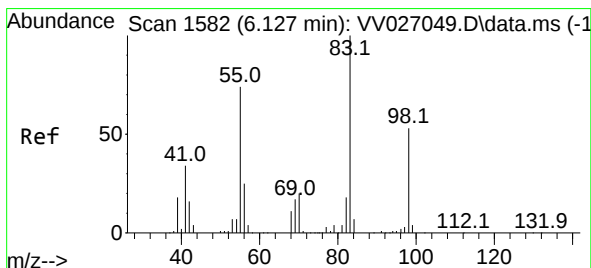
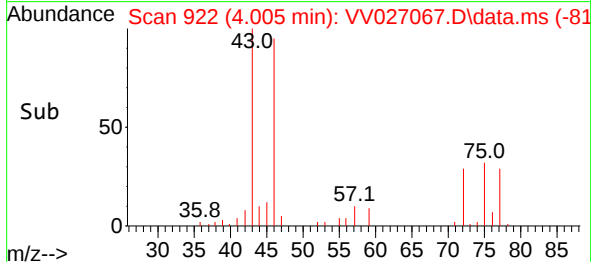
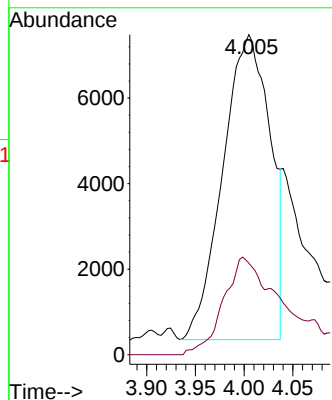
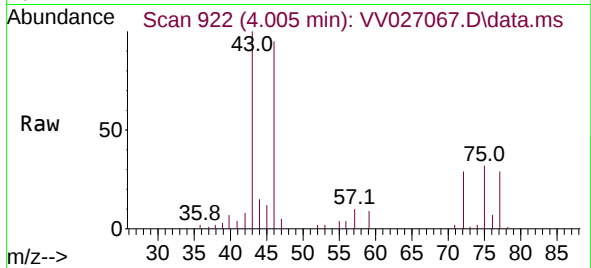




#22  
2-Butanone  
Concen: 8.711 ug/L  
RT: 4.005 min Scan# 910  
Delta R.T. 0.039 min  
Lab File: VV027067.D  
Acq: 29 Jul 2022 04:35

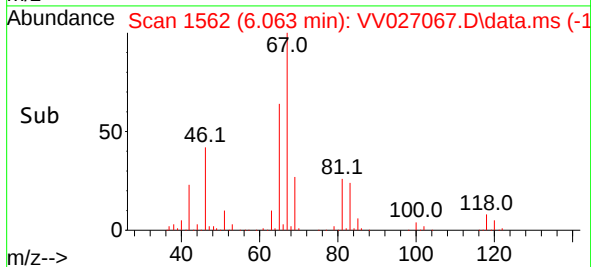
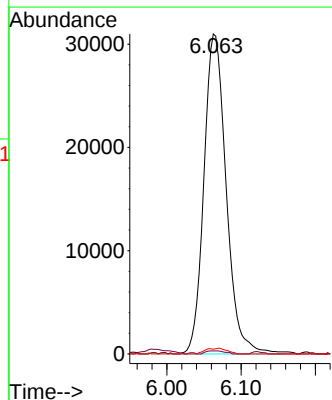
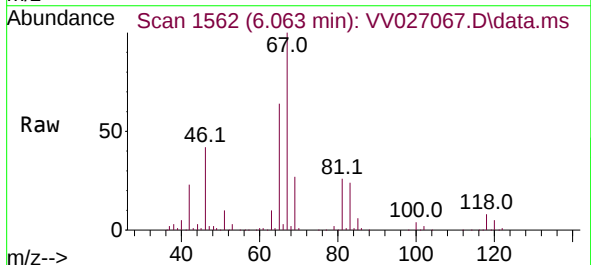
Instrument :  
MSVOA\_V  
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DBUK8ME

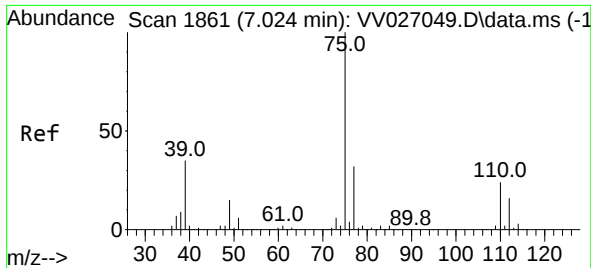
Tgt Ion: 43 Resp: 24157  
Ion Ratio Lower Upper  
43 100  
72 22.1 11.9 35.7



#35  
Methylcyclohexane  
Concen: 8.494 ug/L  
RT: 6.063 min Scan# 1562  
Delta R.T. -0.064 min  
Lab File: VV027067.D  
Acq: 29 Jul 2022 04:35

Tgt Ion: 83 Resp: 64574  
Ion Ratio Lower Upper  
83 100  
55 0.8 55.5 83.3#  
98 1.0 39.0 58.4#





#39

cis-1,3-Dichloropropene

Concen: 0.801 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV027067.D

Acq: 29 Jul 2022 04:35

Instrument :

MSVOA\_V

ClientSampleId :

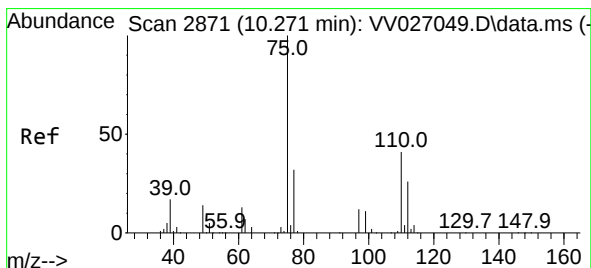
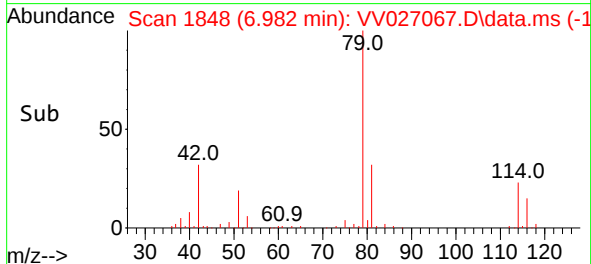
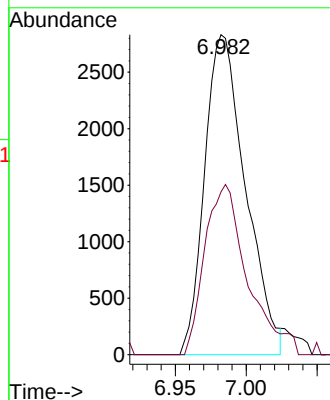
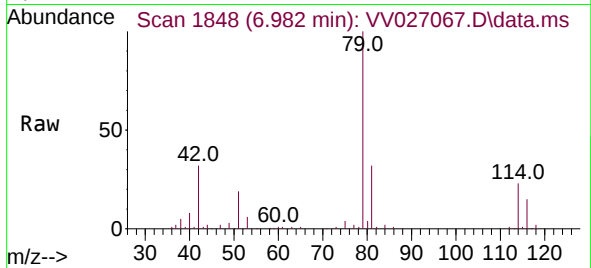
DBUK8ME

Tgt Ion: 75 Resp: 5695

Ion Ratio Lower Upper

75 100

77 50.8 22.5 41.7#



#61

1,2,3-Trichloropropane

Concen: 5.595 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027067.D

Acq: 29 Jul 2022 04:35

Tgt Ion: 75 Resp: 32036

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8

110 1.7 32.7 49.1#

