

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW091621\  
 Data File : VW022164.D  
 Acq On : 16 Sep 2021 18:33  
 Operator : SY/MD  
 Sample : M3764-13  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 17 01:57:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 17 01:54:12 2021  
 Response via : Initial Calibration

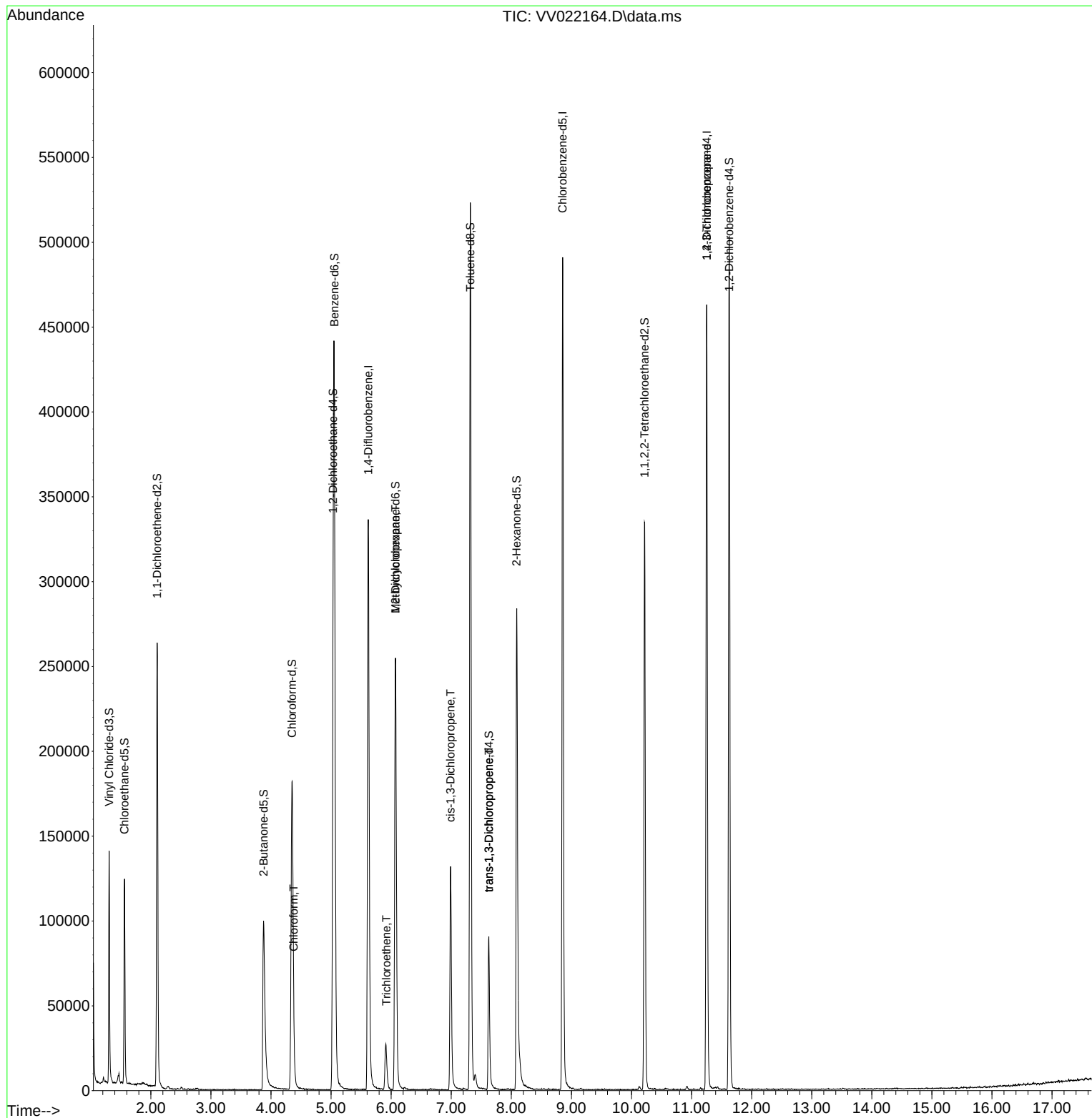
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 300601     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853          | 117  | 279844     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252         | 152  | 130226     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 90016      | 43.241   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 86.480%  |        |          |
| 7) Chloroethane-d5            | 1.561          | 69   | 78684      | 48.401   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 96.800%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.104          | 63   | 133402     | 38.748   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 77.500%  |        |          |
| 21) 2-Butanone-d5             | 3.876          | 46   | 156059     | 109.311  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 109.310% |        |          |
| 24) Chloroform-d              | 4.349          | 84   | 192301     | 50.662   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.320% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 120446     | 53.872   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 107.740% |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 395226     | 52.070   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 104.140% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 127234     | 53.302   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 106.600% |        |          |
| 41) Toluene-d8                | 7.316          | 98   | 350047     | 48.855   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 97.700%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 52696      | 46.382   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 92.760%  |        |          |
| 47) 2-Hexanone-d5             | 8.088          | 63   | 97787      | 106.765  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 106.770% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 162056     | 53.009   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 106.020% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 135492     | 52.925   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 105.840% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 25) Chloroform                | 4.378          | 83   | 3035       | 0.768    | ug/L   | 82       |
| 34) Trichloroethene           | 5.918          | 95   | 2479       | 1.075    | ug/L   | 92       |
| 35) Methylcyclohexane         | 6.072          | 83   | 30370      | 9.008    | ug/L # | 20       |
| 39) cis-1,3-Dichloropropene   | 6.989          | 75   | 3273       | 1.004    | ug/L # | 55       |
| 44) trans-1,3-Dichloropropene | 7.625          | 75   | 2171       | 0.716    | ug/L # | 67       |
| 61) 1,2,3-Trichloropropane    | 11.252         | 75   | 15069      | 6.677    | ug/L # | 64       |
| -----                         |                |      |            |          |        |          |

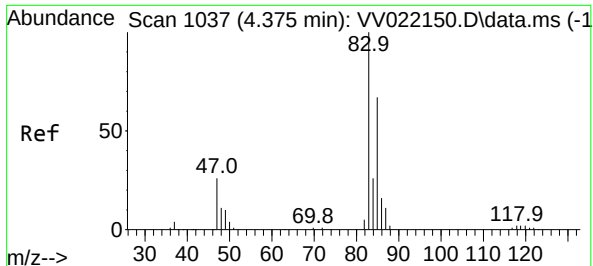
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Sep 17 01:54:12 2021  
Response via : Initial Calibration

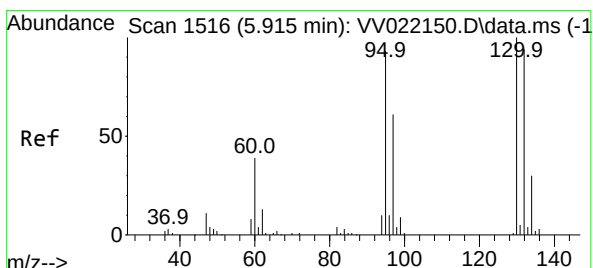
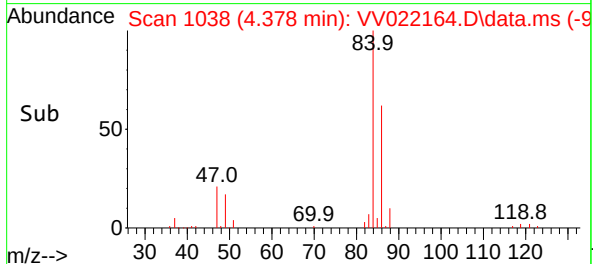
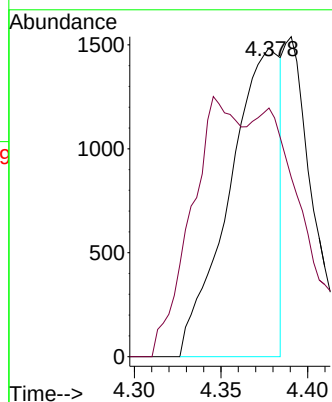
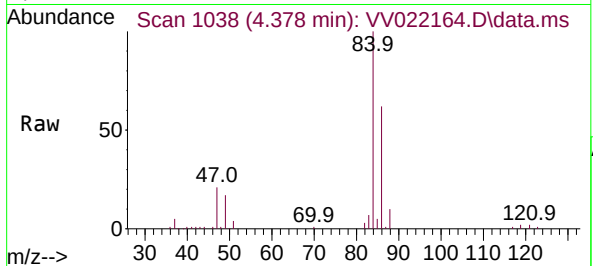




#25  
Chloroform  
Concen: 0.768 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. 0.003 min  
Lab File: VV022164.D  
Acq: 16 Sep 2021 18:33

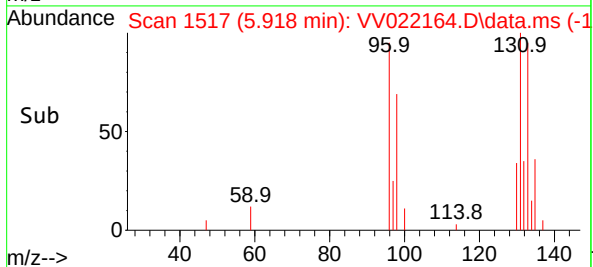
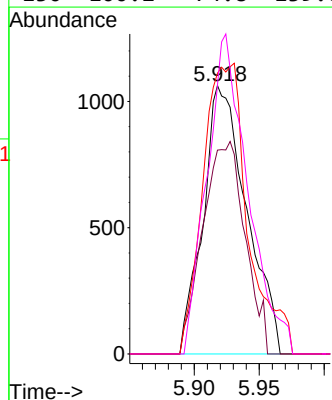
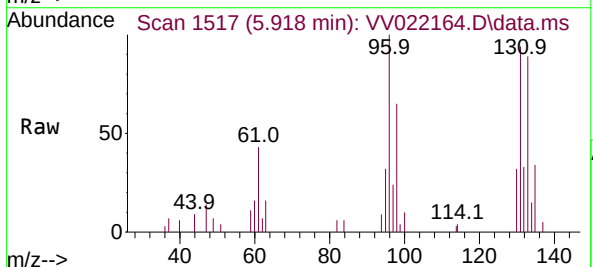
Instrument :  
MSVOA\_V  
ClientSampled :

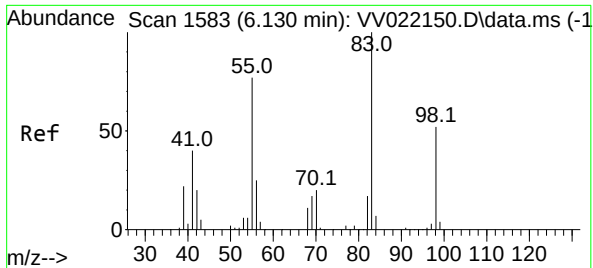
Tgt Ion: 83 Resp: 3035  
Ion Ratio Lower Upper  
83 100  
85 80.5 46.3 85.9



#34  
Trichloroethene  
Concen: 1.075 ug/L  
RT: 5.918 min Scan# 1517  
Delta R.T. 0.003 min  
Lab File: VV022164.D  
Acq: 16 Sep 2021 18:33

Tgt Ion: 95 Resp: 2479  
Ion Ratio Lower Upper  
95 100  
97 75.9 44.1 81.9  
132 104.6 70.7 131.3  
130 100.2 74.8 139.0





#35

Methylcyclohexane

Concen: 9.008 ug/L

RT: 6.072 min Scan# 1565

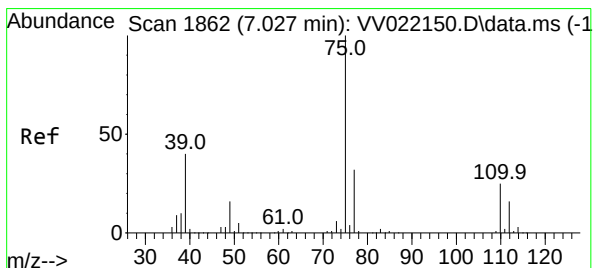
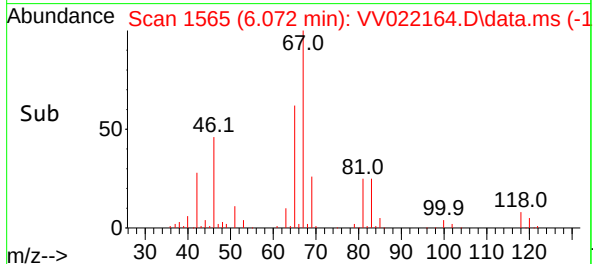
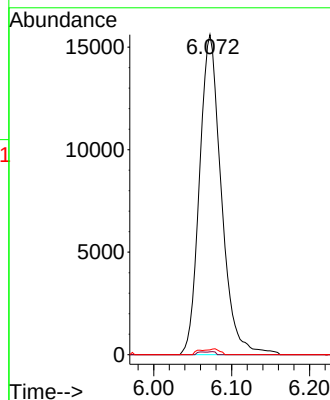
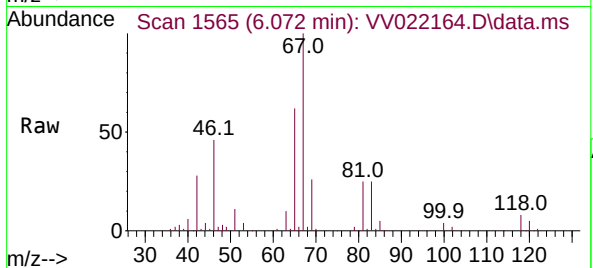
Delta R.T. -0.058 min

Lab File: VV022164.D

Acq: 16 Sep 2021 18:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 30370 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.3   | 56.8  | 85.2# |
| 98       | 0.8   | 39.9  | 59.9# |

Instrument :  
MSVOA\_V  
ClientSampled :



#39

cis-1,3-Dichloropropene

Concen: 1.004 ug/L

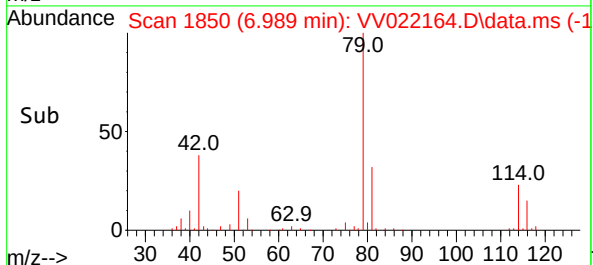
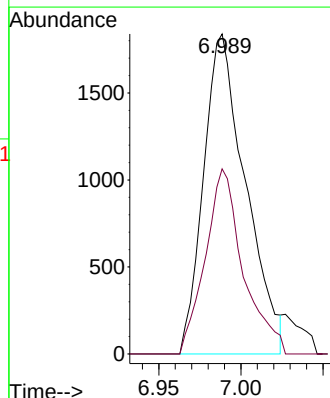
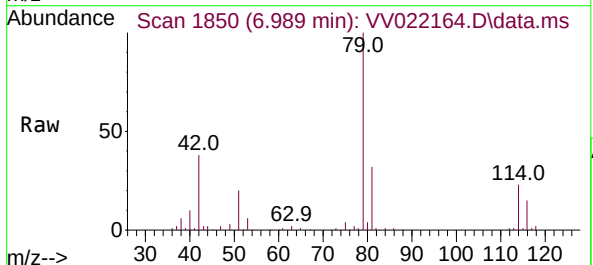
RT: 6.989 min Scan# 1850

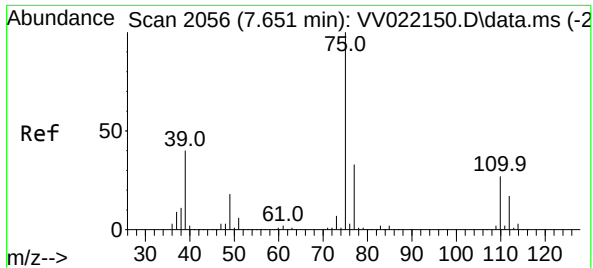
Delta R.T. -0.039 min

Lab File: VV022164.D

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3273  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 57.9  | 22.7  | 42.1# |

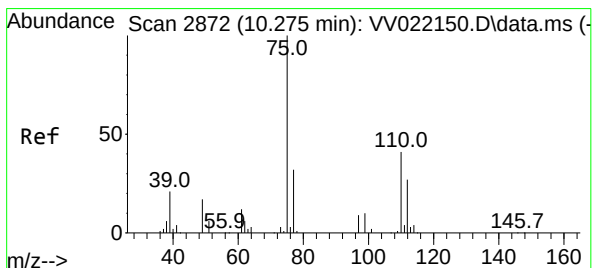
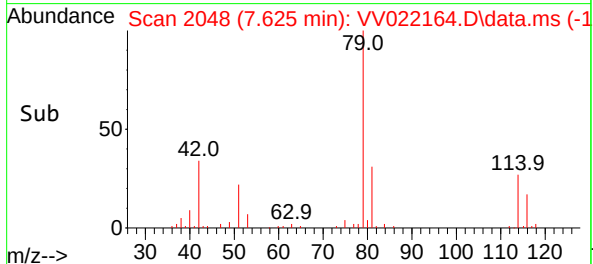
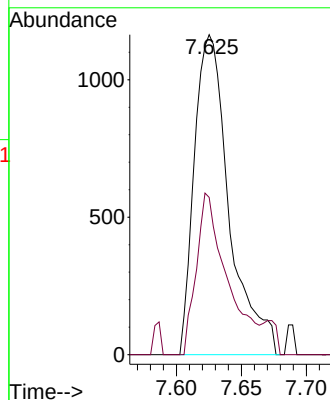
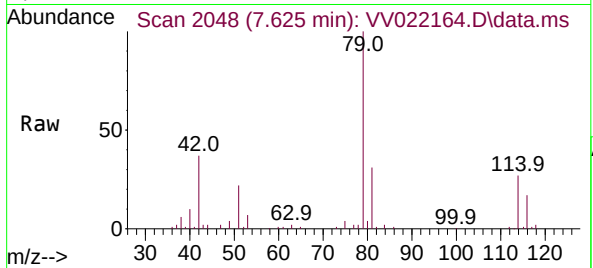




#44  
trans-1,3-Dichloropropene  
Concen: 0.716 ug/L  
RT: 7.625 min Scan# 2048  
Delta R.T. -0.026 min  
Lab File: VV022164.D  
Acq: 16 Sep 2021 18:33

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 75 Resp: 2171  
Ion Ratio Lower Upper  
75 100  
77 49.1 21.8 40.6#



#61  
1,2,3-Trichloropropane  
Concen: 6.677 ug/L  
RT: 11.252 min Scan# 3176  
Delta R.T. 0.977 min  
Lab File: VV022164.D  
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Tgt Ion: 75 Resp: 15069  
Ion Ratio Lower Upper  
75 100  
77 30.9 26.2 39.2  
110 3.0 33.8 50.6#

