

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071521\  
 Data File : VV021668.D  
 Acq On : 15 Jul 2021 14:19  
 Operator : SY/MD  
 Sample : M3033-03  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 16 01:08:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 16 01:06:31 2021  
 Response via : Initial Calibration

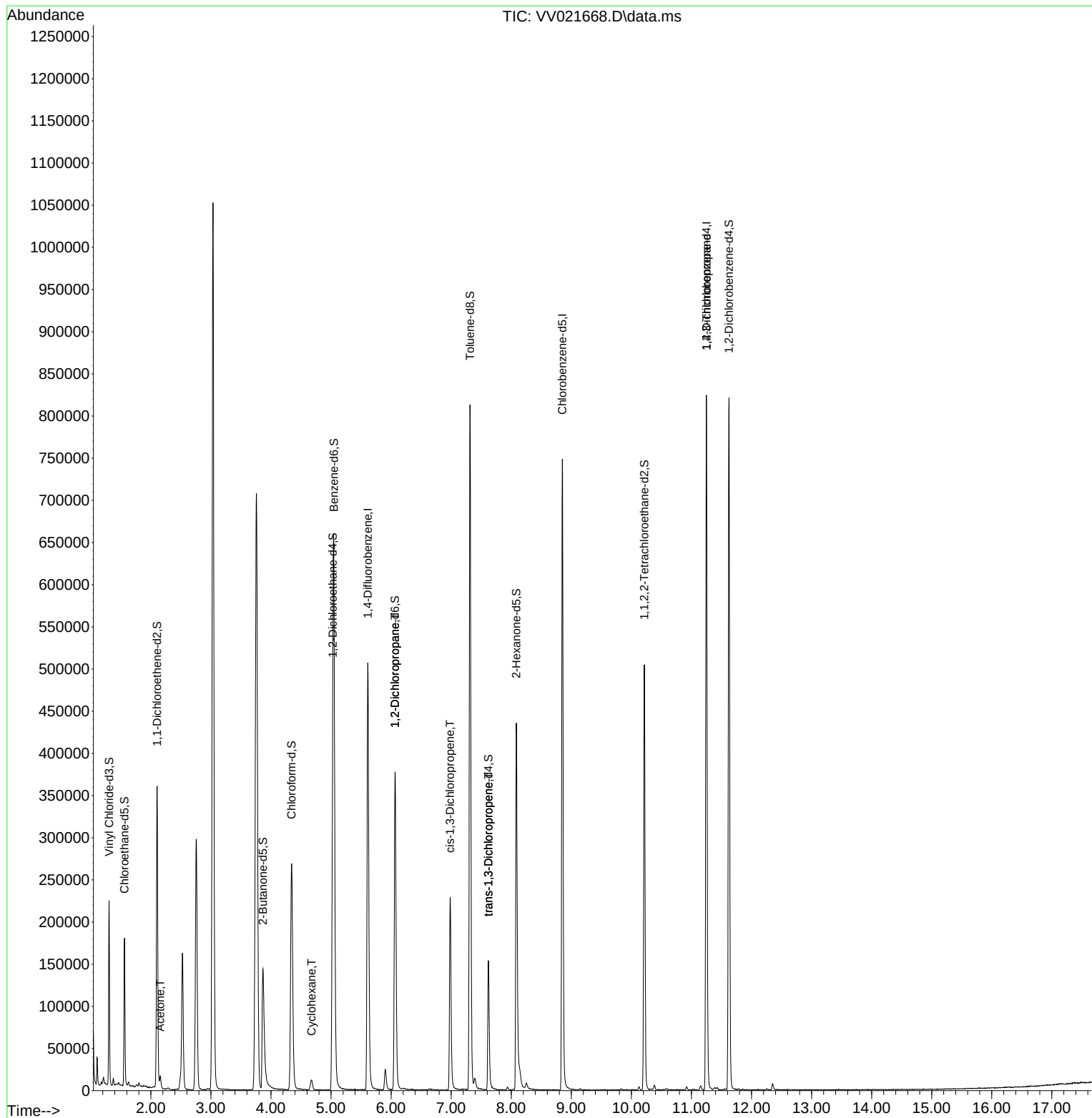
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613          | 114  | 458526     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850          | 117  | 429879     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249         | 152  | 223050     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 128917     | 44.438   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 88.880%  |        |          |
| 7) Chloroethane-d5            | 1.561          | 69   | 111920     | 47.202   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 94.400%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.101          | 63   | 182190     | 34.324   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 68.640%  |        |          |
| 21) 2-Butanone-d5             | 3.867          | 46   | 232365     | 93.783   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 93.780%  |        |          |
| 24) Chloroform-d              | 4.343          | 84   | 285523     | 47.053   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.100%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.027          | 65   | 178118     | 49.815   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 99.640%  |        |          |
| 32) Benzene-d6                | 5.047          | 84   | 588137     | 48.727   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.460%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.066          | 67   | 190554     | 50.055   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 100.100% |        |          |
| 41) Toluene-d8                | 7.314          | 98   | 543001     | 48.645   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 97.280%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.619          | 79   | 90775      | 47.935   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 95.860%  |        |          |
| 47) 2-Hexanone-d5             | 8.085          | 63   | 152040     | 86.099   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 86.100%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 243369     | 47.449   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 94.900%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 219534     | 49.368   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.740%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 2.156          | 43   | 12120      | 5.917    | ug/L # | 100      |
| 29) Cyclohexane               | 4.674          | 56   | 6714       | 1.237    | ug/L # | 93       |
| 37) 1,2-Dichloropropane       | 6.066          | 63   | 20296      | 5.969    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 6.982          | 75   | 5325       | 0.950    | ug/L # | 57       |
| 44) trans-1,3-Dichloropropene | 7.619          | 75   | 3514       | 0.671    | ug/L # | 79       |
| 61) 1,2,3-Trichloropropane    | 11.249         | 75   | 24950      | 5.786    | ug/L # | 65       |
| -----                         |                |      |            |          |        |          |

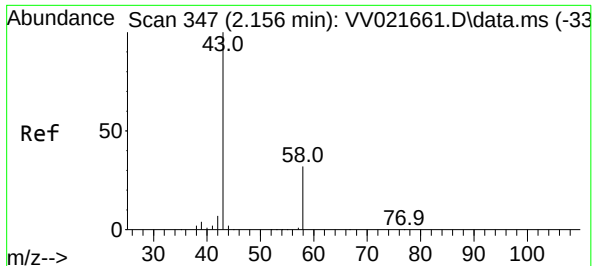
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Jul 16 01:08:10 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062921WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jul 16 01:06:31 2021  
Response via : Initial Calibration

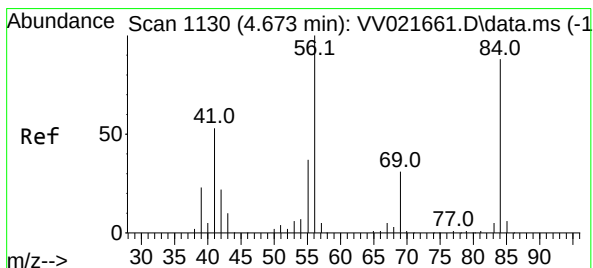
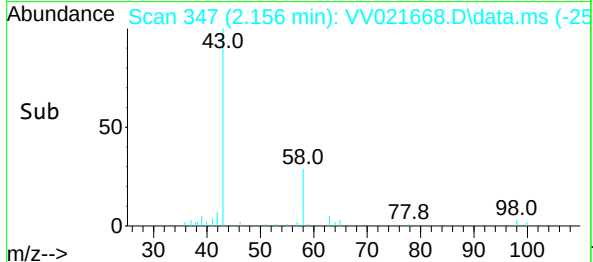
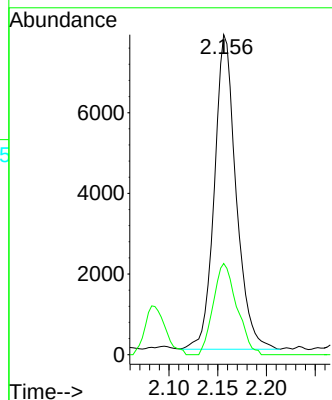
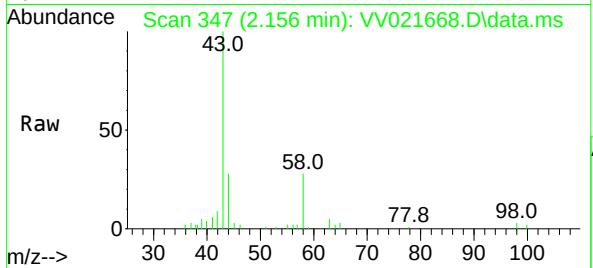




#13  
Acetone  
Concen: 5.917 ug/L  
RT: 2.156 min Scan# 347  
Delta R.T. 0.000 min  
Lab File: VV021668.D  
Acq: 15 Jul 2021 14:19

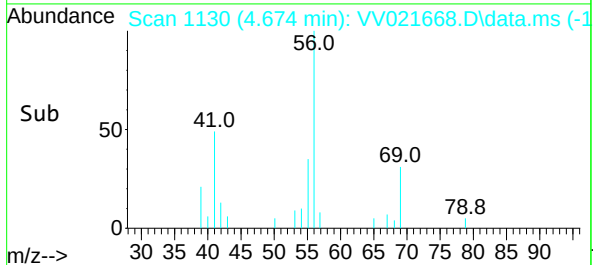
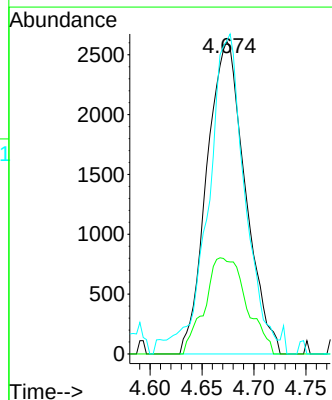
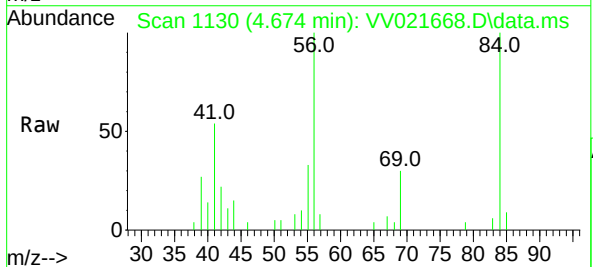
Instrument :  
MSVOA\_V  
ClientSampled :

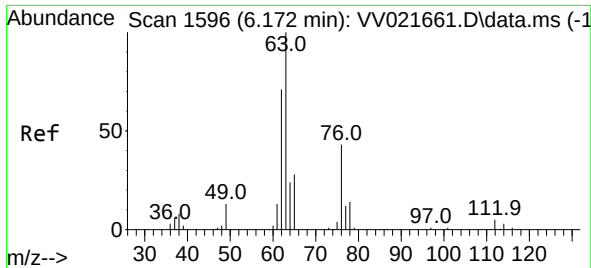
Tgt Ion: 43 Resp: 12120  
Ion Ratio Lower Upper  
43 100  
58 31.3 0.0 0.0#



#29  
Cyclohexane  
Concen: 1.237 ug/L  
RT: 4.674 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VV021668.D  
Acq: 15 Jul 2021 14:19

Tgt Ion: 56 Resp: 6714  
Ion Ratio Lower Upper  
56 100  
69 20.3 24.9 37.3#  
84 91.6 71.6 107.4

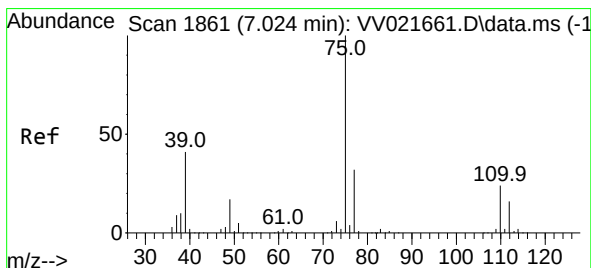
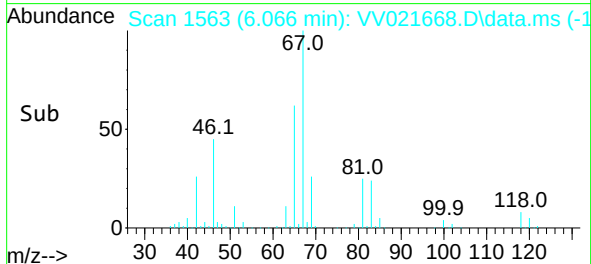
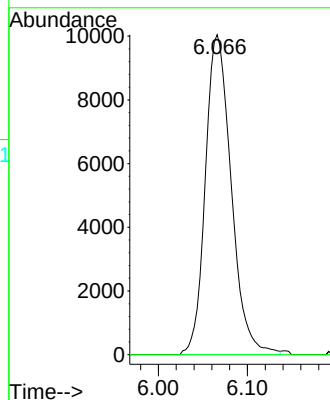
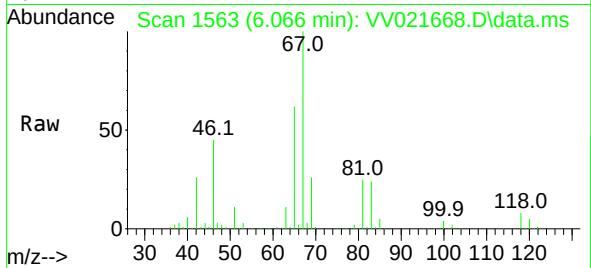




#37  
1,2-Dichloropropane  
Concen: 5.969 ug/L  
RT: 6.066 min Scan# 1563  
Delta R.T. -0.106 min  
Lab File: VV021668.D  
Acq: 15 Jul 2021 14:19

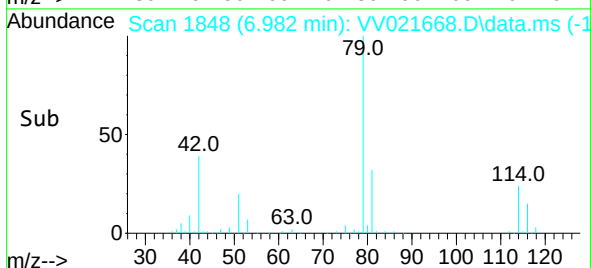
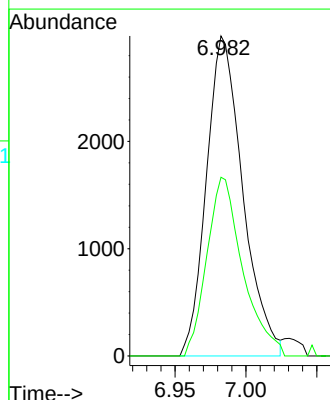
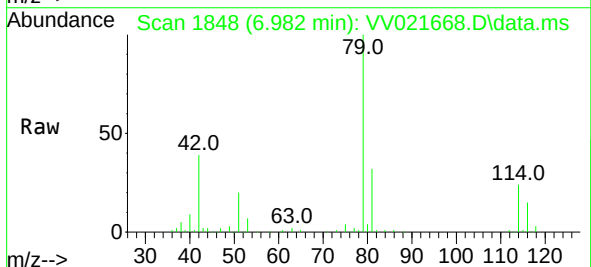
Instrument :  
MSVOA\_V  
ClientSampled :

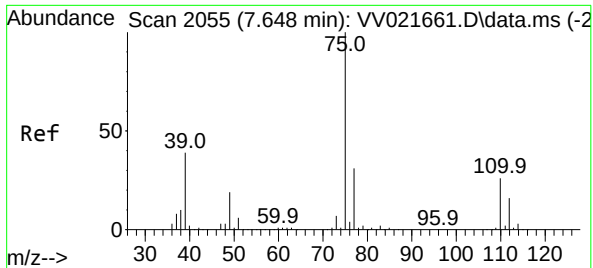
Tgt Ion: 63 Resp: 20296  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.8 5.6#



#39  
cis-1,3-Dichloropropene  
Concen: 0.950 ug/L  
RT: 6.982 min Scan# 1848  
Delta R.T. -0.042 min  
Lab File: VV021668.D  
Acq: 15 Jul 2021 14:19

Tgt Ion: 75 Resp: 5325  
Ion Ratio Lower Upper  
75 100  
77 55.8 22.5 41.7#

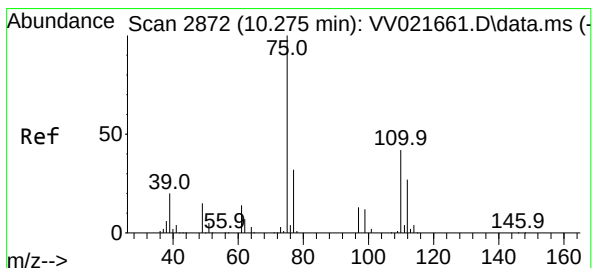
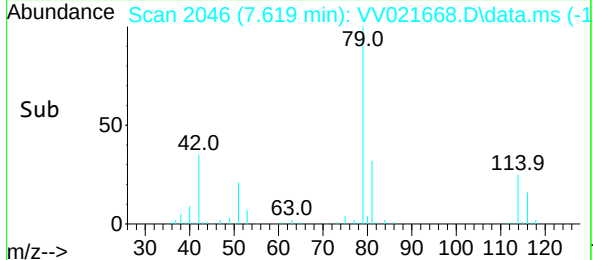
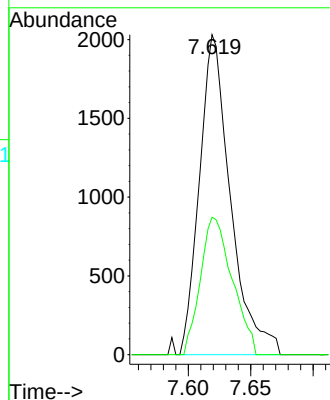
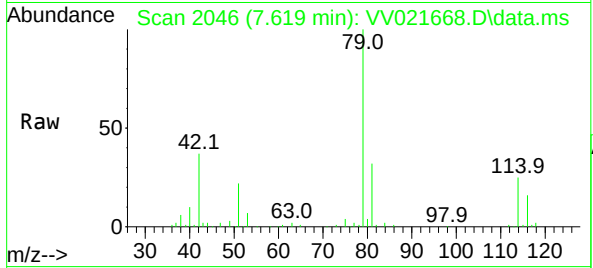




#44  
trans-1,3-Dichloropropene  
Concen: 0.671 ug/L  
RT: 7.619 min Scan# 2046  
Delta R.T. -0.029 min  
Lab File: VV021668.D  
Acq: 15 Jul 2021 14:19

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 75 Resp: 3514  
Ion Ratio Lower Upper  
75 100  
77 42.9 21.8 40.4#



#61  
1,2,3-Trichloropropane  
Concen: 5.786 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV021668.D  
Acq: 15 Jul 2021 14:19

Tgt Ion: 75 Resp: 24950  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.8 38.8  
110 2.4 33.0 49.6#

