

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072021\  
 Data File : VV021692.D  
 Acq On : 20 Jul 2021 17:00  
 Operator : SY/MD  
 Sample : M3017-06  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGDA9

Quant Time: Jul 21 01:06:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 21 01:01:54 2021  
 Response via : Initial Calibration

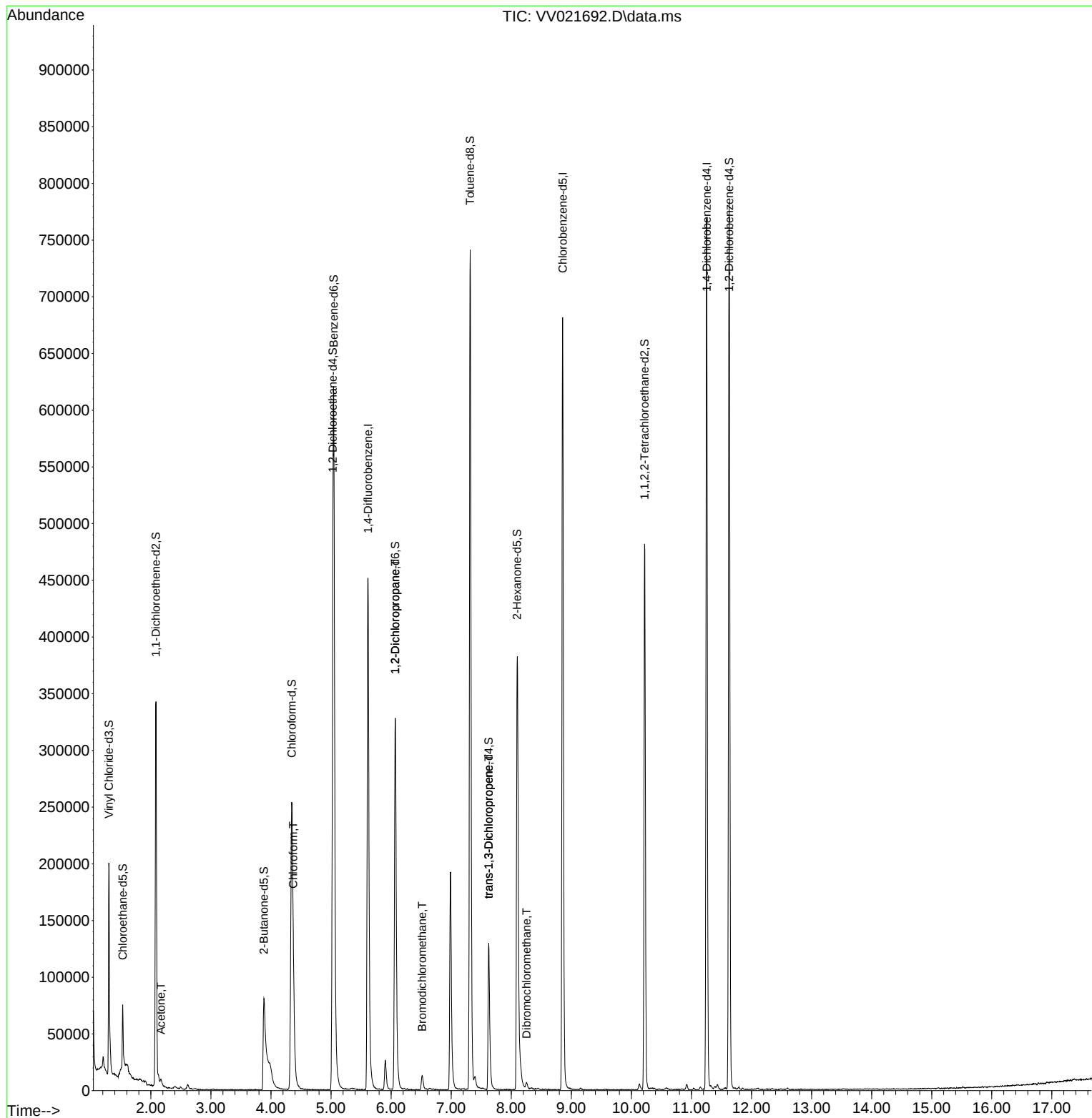
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616   | 114   | 433221   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857   | 117   | 414502   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 206745   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301   | 65    | 145603   | 47.510   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 95.020%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 32235    | 15.202   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 30.400%# |
| 11) 1,1-Dichloroethene-d2     | 2.085   | 63    | 179491   | 35.146   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 70.300%  |
| 21) 2-Butanone-d5             | 3.883   | 46    | 222063   | 94.008   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 94.010%  |
| 24) Chloroform-d              | 4.346   | 84    | 267837   | 46.024   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.040%  |
| 26) 1,2-Dichloroethane-d4     | 5.030   | 65    | 167154   | 48.494   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 96.980%  |
| 32) Benzene-d6                | 5.043   | 84    | 559775   | 45.884   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.760%  |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67    | 177465   | 46.525   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 93.040%  |
| 41) Toluene-d8                | 7.317   | 98    | 512937   | 45.508   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 91.020%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 83543    | 43.936   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.880%  |
| 47) 2-Hexanone-d5             | 8.098   | 63    | 158310   | 91.896   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 91.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220  | 84    | 241291   | 47.889   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 95.780%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.628  | 152   | 210397   | 49.226   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 98.460%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.169   | 43    | 6502     | 4.340    | ug/L   | 100      |
| 25) Chloroform                | 4.371   | 83    | 69622    | 13.103   | ug/L   | 90       |
| 37) 1,2-Dichloropropane       | 6.069   | 63    | 18594    | 6.021    | ug/L # | 86       |
| 38) Bromodichloromethane      | 6.516   | 83    | 10600    | 2.548    | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 7.625   | 75    | 3340     | 0.713    | ug/L   | 97       |
| 49) Dibromochloromethane      | 8.255   | 129   | 3070     | 0.880    | ug/L   | 88       |
| -----                         |         |       |          |          |        |          |

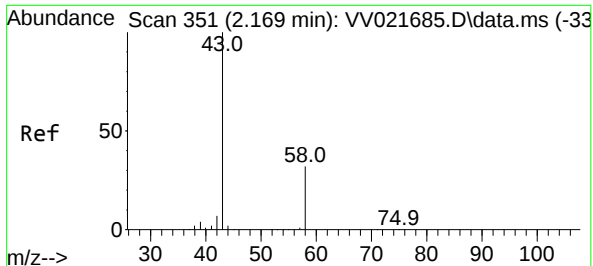
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Wed Jul 21 01:01:54 2021  
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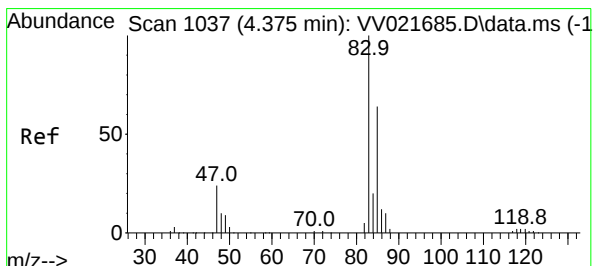
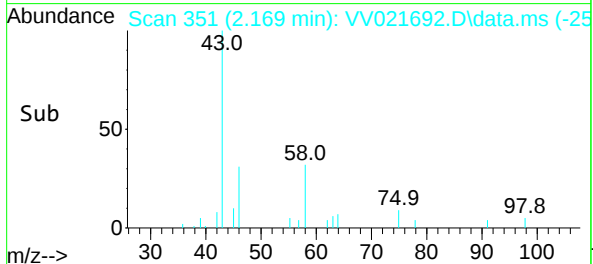
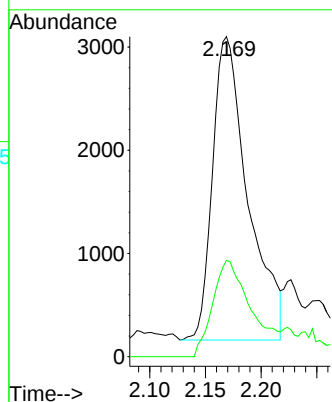
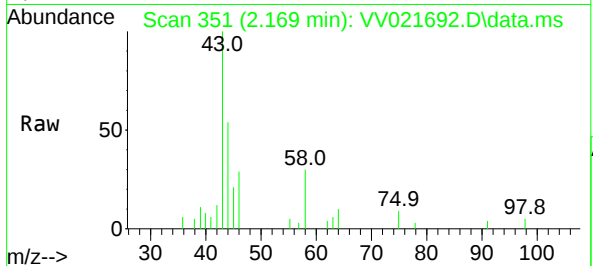




#13  
Acetone  
Concen: 4.340 ug/L  
RT: 2.169 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VV021692.D  
Acq: 20 Jul 2021 17:00

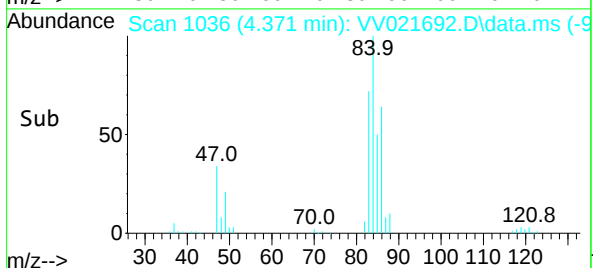
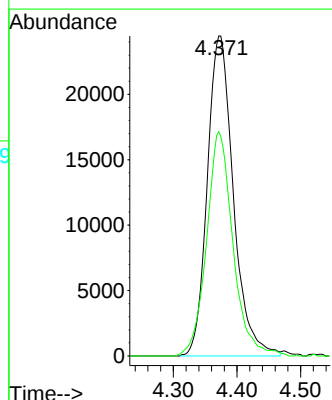
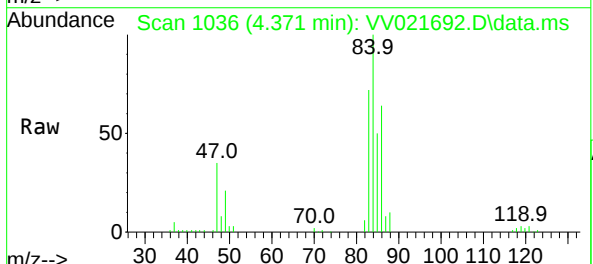
Instrument :  
MSVOA\_V  
ClientSampleId :  
BGDA9

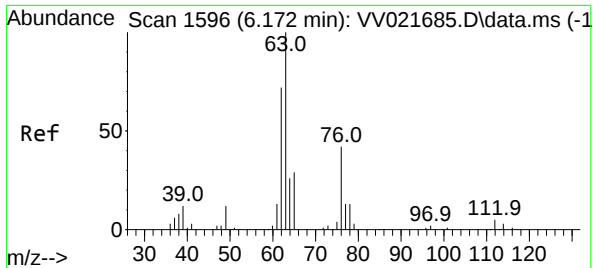
Tgt Ion: 43 Resp: 6502  
Ion Ratio Lower Upper  
43 100  
58 32.5 0.0 64.6



#25  
Chloroform  
Concen: 13.103 ug/L  
RT: 4.371 min Scan# 1036  
Delta R.T. -0.003 min  
Lab File: VV021692.D  
Acq: 20 Jul 2021 17:00

Tgt Ion: 83 Resp: 69622  
Ion Ratio Lower Upper  
83 100  
85 70.1 43.8 81.4



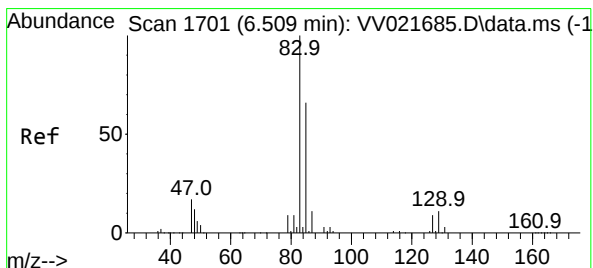
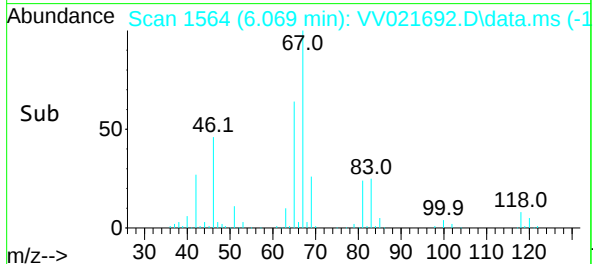
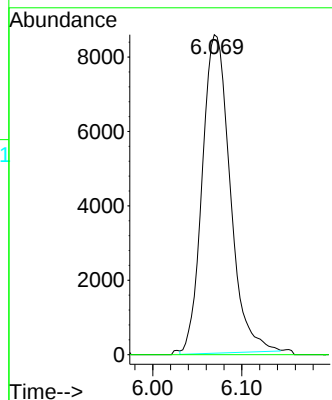
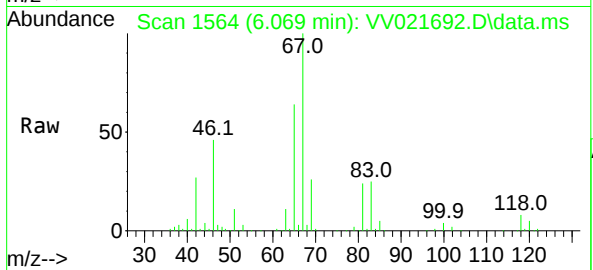


#37

1,2-Dichloropropane  
Concen: 6.021 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.103 min  
Lab File: VV021692.D  
Acq: 20 Jul 2021 17:00

Instrument :  
MSVOA\_V  
ClientSampleId :  
BGDA9

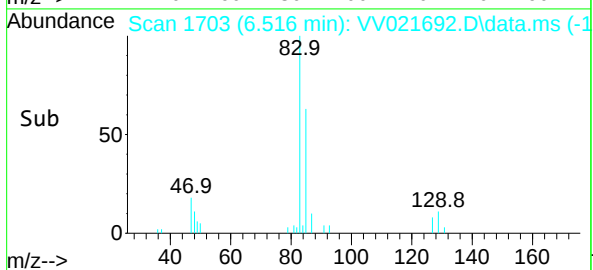
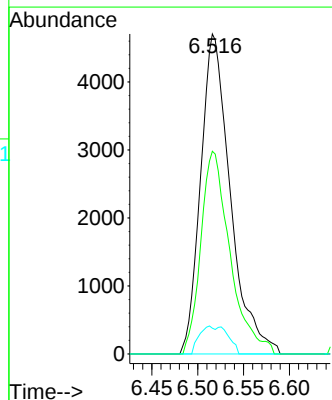
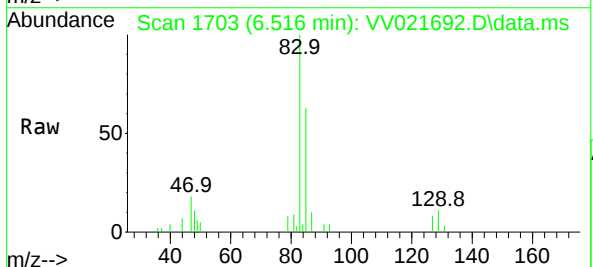
Tgt Ion: 63 Resp: 18594  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.8 5.6#

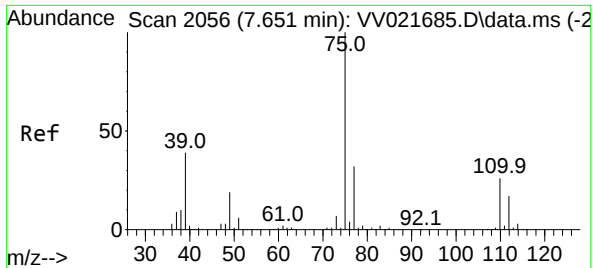


#38

Bromodichloromethane  
Concen: 2.548 ug/L  
RT: 6.516 min Scan# 1703  
Delta R.T. 0.006 min  
Lab File: VV021692.D  
Acq: 20 Jul 2021 17:00

Tgt Ion: 83 Resp: 10600  
Ion Ratio Lower Upper  
83 100  
85 63.3 46.1 85.5  
127 8.1 7.4 11.0

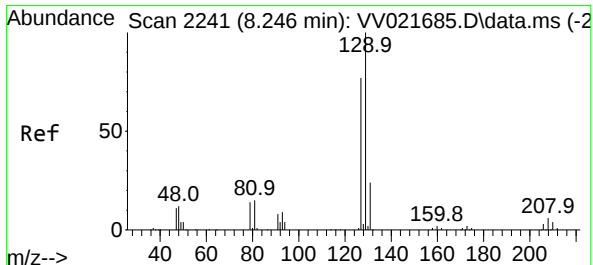
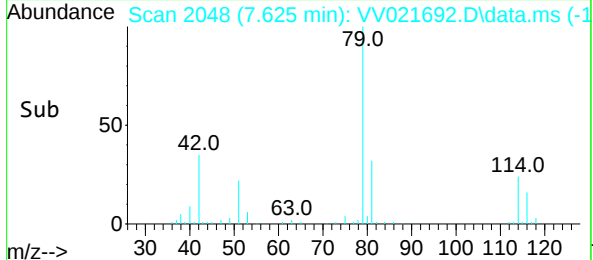
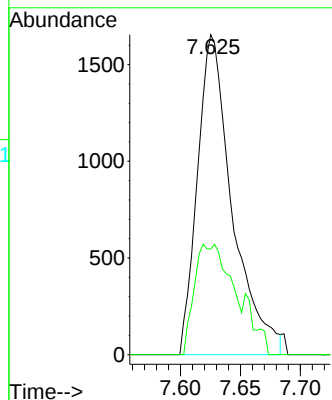
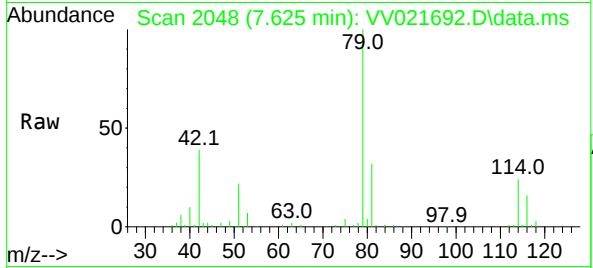




#44  
trans-1,3-Dichloropropene  
Concen: 0.713 ug/L  
RT: 7.625 min Scan# 2048  
Delta R.T. -0.026 min  
Lab File: VV021692.D  
Acq: 20 Jul 2021 17:00

Instrument :  
MSVOA\_V  
ClientSampleId :  
BGDA9

Tgt Ion: 75 Resp: 3340  
Ion Ratio Lower Upper  
75 100  
77 33.0 21.8 40.4



#49  
Dibromochloromethane  
Concen: 0.880 ug/L  
RT: 8.255 min Scan# 2244  
Delta R.T. 0.010 min  
Lab File: VV021692.D  
Acq: 20 Jul 2021 17:00

Tgt Ion: 129 Resp: 3070  
Ion Ratio Lower Upper  
129 100  
127 90.2 55.6 103.4

